

War: Reports, weekly statistical: 9/13-9/17/41

**SECRET**

TO BE KEPT IN THE POSSESSION OF THE OFFICER TO WHOM ISSUED AND LOCKED UP WHEN NOT IN USE.

*BSF  
War*

# WEEKLY STATISTICAL REPORT

No. 11

**RELEASED**  
*Leonard P. Ayres*  
BRIGADIER GENERAL LEONARD P. AYRES  
DIRECTOR, STATISTICS BRANCH

# SUMMARY

Franklin D. Roosevelt Library

**DECLASSIFIED**

**DOD DIR.** 5200.9 (9/27/58)

Date- *3-5-59*

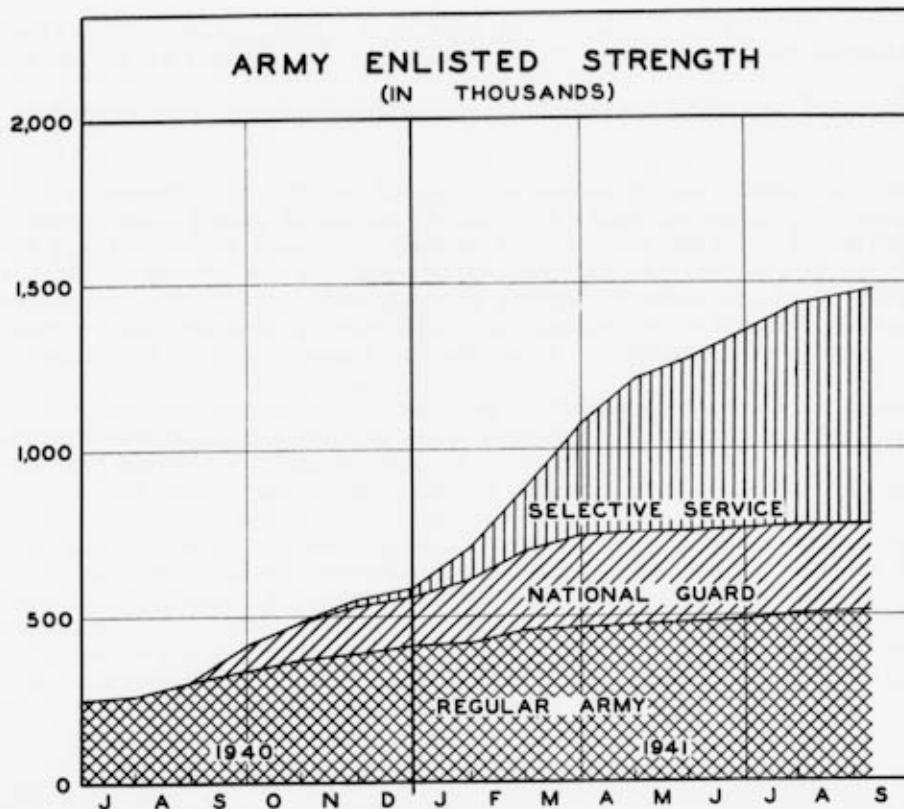
Signature- *Carl J. Spicer*

STATISTICS BRANCH  
OFFICE OF THE UNDER SECRETARY OF WAR  
WAR DEPARTMENT

Copy No. SB-1142-1 Issued to THE PRESIDENT

WEEKLY STATISTICAL SUMMARY  
 REPORT # 11  
SEPTEMBER 13, 1941

<u>GENERAL</u>	Page	<u>QUARTERMASTER CORPS</u>	Page
Army Strength .....	1	Text Summary - Quartermaster Proc. ....	29
Editorial Comment .....	2	Text Summary - Quartermaster Proc. ....	30
Editorial Comment - Diagram .....	3	Diagrams:	
Raw Materials .....	4	Group Proc. of Basic Items ...	31
Strikes .....	5	Procurement of Motor Vehicles.	32
Expediting Production .....	6	Cumulative Construction Progr.	33
		Completed Construction Progr..	34
<u>DEFENSE AID</u>		<u>SIGNAL CORPS</u>	
Allocations to War Department .....	7	Text Summary .....	35
Funds Obligated - War Department ...	8	Diagrams:	
Deliveries to Foreign Governments ..	9	Ahead & Behind Schedules .....	36
		Ahead & Behind Schedules .....	37
<u>ORDNANCE DEPARTMENT</u>		Progress of Deliveries .....	38
Text Summary .....	10	Progress of Deliveries .....	39
Progress of Ordnance Deliveries ....	11	<u>CORPS OF ENGINEERS</u>	
Equipment Procurement - Tab. Sum. ..	12	Text Summary - Procurement Progress ...	40
Tactical Equip. - Initial Req. ....	13	Diagrams:	
Tactical Equip. - Total Req. ....	14	Status of 6 Selected Items ...	41
Ammunition Procurement - Tab. Sum. .	15	Status of 6 Selected Items ...	42
New Facilities - Progress .....	16	Text Summary - Air Corps Construction .	43
New Facilities - Progress .....	17	<u>MEDICAL DEPARTMENT</u>	
New Facilities - Progress .....	18	Text Summary .....	44
New Facilities - Progress .....	19	Diagrams:	
New Facilities - Progress .....	20	Fiscal Index of Procurement ..	45
<u>AIR CORPS</u>		Status of Critical Items .....	46
Text Summary - Aircraft Procurement.	21	Status of Critical Items .....	47
Tab. Sum. - Air Corps Current Proc..	22	<u>CHEMICAL WARFARE SERVICE</u>	
Diagrams:		Text Summary .....	48
U.S. Deliveries by Type ...	23	Text Summary .....	49
U.S. Deliveries-Customer ..	24	Diagrams:	
U.S. Airframe Weight .....	25	Progress of Deliveries .....	50
U.S. Airframe Weight .....	26	Progress of Deliveries .....	51
New Aircraft Facilities ...	27	<u>COAST ARTILLERY CORPS</u>	
New Aircraft Facilities ...	28	Text Summary - Procurement Progress ...	52
		Diagram: Procurement Progress .....	53



Army strength is the basis for computing requirements for many articles to be procured. The data from July, 1940 to September 9, 1941 are shown in the diagram and table. They refer to enlisted strength at the end of each month, with the exception of the final preliminary figure.

	Total		Total		Total
Jul 1940	268,941	Jan 1941	693,578	Jul 1941	1,429,188
Aug	302,968	Feb	873,667	Sept 9	1,481,000
Sep	407,613	Mar	1,068,030		
Oct	483,218	Apr	1,205,873		
Nov	540,695	May	1,265,211		
Dec	573,520	Jun	1,361,462		

Source of Information: Statistics Branch, General Staff, September 4, 1941

Army Strength

1

Statistics Branch  
OUSW - 9-13-41



TEXT SUMMARY - EDITORIAL COMMENT - Tallied from a uniform list of leading papers in cities of the 12 Federal Reserve Districts, by weeks ended each Wednesday.

Source of Info.: Dept. Research & Economics - Cleveland Trust Co. Sept. 10, 1941

The consensus of opinion is that the attack on the "Greer" may be a step toward war, though it is not in itself a cause for war. The commentators appear to have been more shocked by certain aspects of the sinking of the "Robin Moor", but the immediate reaction to the attack on the "Greer" is more belligerent, the minority advocating immediate intervention is larger, and the bulk of editorial discussion considerably greater. Early reactions to more recent announcements of sinkings resemble reactions to the "Greer" incident.

The Japanese situation is regarded with some optimism. The commentators are entirely in sympathy with a policy of firmness and feel that events have already vindicated this attitude.

From the early days of the defense program many commentators have urged the necessity for a single defense authority. They are again presenting their case in volume. Establishment of the Division of Contract Distribution has received general commendation, and the majority of the commentators stresses the importance of sub-contracting, though many of them believe that difficulties and delays will inevitably be entailed.

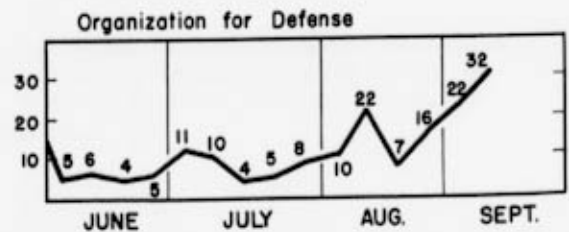
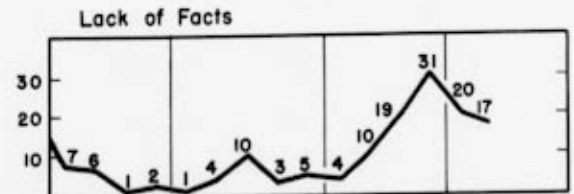
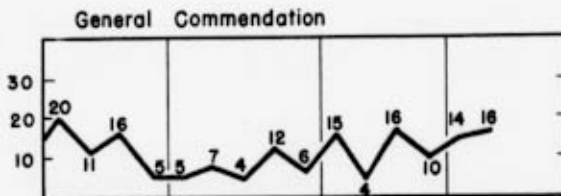
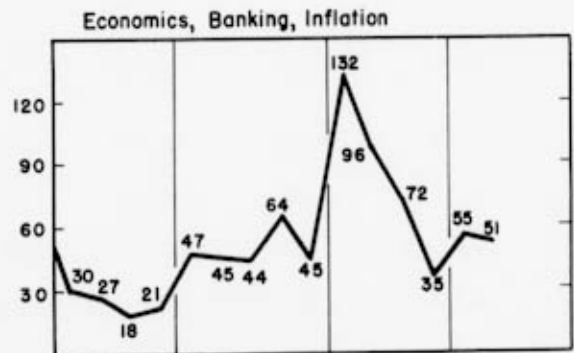
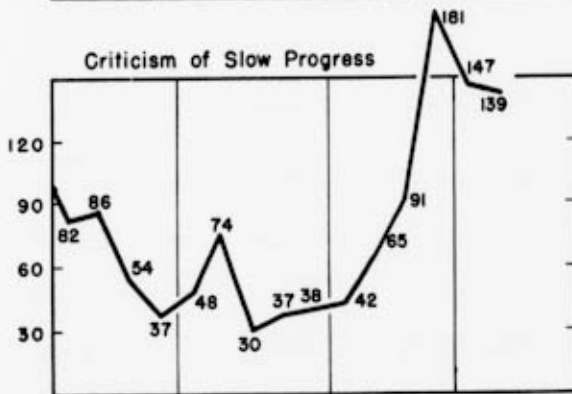
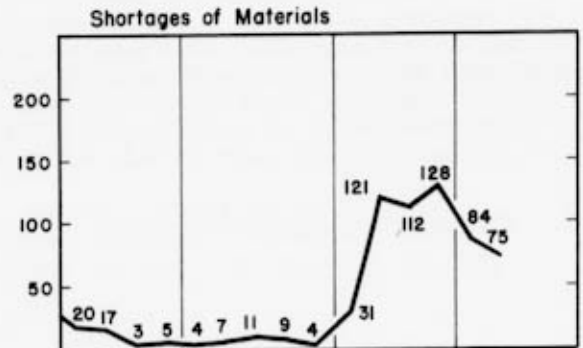
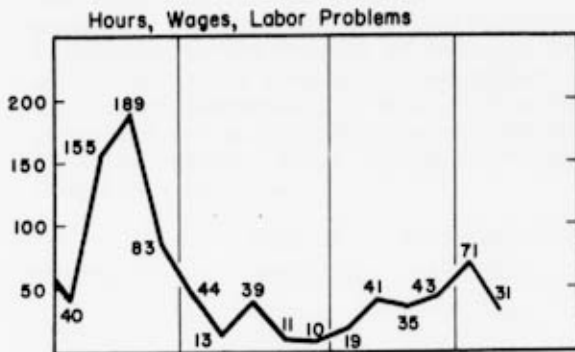
There is general expectation that a new wave of strikes will soon develop. The commentators are inclined to place advance blame on rising living costs and on attempts to extend the closed shop.

TABULAR SUMMARY

<u>TREND TOWARD WAR</u>	Tallies	<u>GENERAL CRITICISM</u>	<u>CRITICISM, Continued</u>
We are trending	2	Defense organization	9 Govt. economic policy
Greer not cause for war	7	Govt. leadership	5 Govt. stock pile policy
Greer step toward war	4	Gasoline conservation	24 Raw materials policy
Not a step toward war	1	Slow arms production	43
For hunting attacker	1	For an investigation	1 ORGANIZATION PROBLEMS
Against hunting attacker	1	Aid for Britain slow	1 SPAB approved
For naval participation	2	For an audit of aid	1 Judgement reserved
For full naval war	2	Reforms slowing defense	1 SPAB needs authority
For war if necessary	2	Business as usual	4 SPAB needs no authority
Japanese war danger	3	Training material lack	1 For one defense head
Small danger from Japan	5	Defense planning poor	8 Need for strategy board
Government wants war	3	Contracting slow	1 Div. Cont. Dis. approved
We are at war	1	Sub-contracting slow	4 MATERIAL SHORTAGES
		Criticism of SPAB	7 ECONOMICS, INFLATION
<u>LACK OF FACTS</u>		Attitude to industry	4 THE EMERGENCY
About gas shortage	5	Criticism of the Army	1 HOURS, WAGES, LABOR
Material shortages	3	Criticism of OCD	5 COMMENDATION
Industrial output cuts	1	Govt. labor policy	8 GOVT. AND BUSINESS
Defense in general	8	Communists encouraged	3 AID FOR BRITAIN

EDITORIAL COMMENT ON PROGRESS OF PREPAREDNESS - Tallied from a uniform list of papers in large cities of the 12 Federal Reserve Districts by weeks ended each Wednesday.

Source of Information: Department of Research and Economics - Cleveland Trust Company



GOVERNMENT STOCKPILES OF STRATEGIC MATERIALS - AUGUST 30, 1941

Source of Information: Office of Production Management.

Government stockpiles of the principal strategic materials, as of August 30, 1941, are summarized in the following tabulation. Recommended stockpiles are those recommended by the Army and Navy Munitions Board on June 20, 1940, and by the Advisory Commission to the Council of National Defense in October 1940, with recent revisions by the Office of Production Management. Amounts shown as "Purchased" include materials in foreign countries for which contracts have been signed; "On Hand" comprises materials actually in Government warehouses in the United States to be released only in an emergency. Minor releases have been made from time to time, notably from the Tungsten stockpile.

<u>Material</u>	<u>Unit of Quantity</u>	<u>Recommended Stockpile</u>	<u>STATUS - AUGUST 30, 1941</u>			
			<u>Quantity Purchased</u>	<u>Quantity On Hand</u>	<u>Percent* Purchased</u>	<u>Percent* On Hand</u>
Antimony	S. Ton	18,000	29,637	8,166	164.7	45.4
Chromium	L. Ton	1,300,000	737,124	193,870	56.7	14.9
Industrial Diamonds	Carat	2,000,000	716,691	615,280	35.8	30.8
Manganese Ferrograde	L. Ton	1,800,000	3,347,500	350,154	186.0	19.5
Manila Fiber	Bale	395,257	116,171	93,396	29.4	23.6
Mercury	Flask	10,000	5,000	2,050	50.0	20.5
Mica	Pound	10,800,000	5,759,064	4,899,747	53.3	45.4
Quartz Crystal	Pound	702,000	99,270	52,469	14.1	7.5
Quinine	Oz. Av.	6,400,000	7,200,000	6,600,000	112.5	103.1
Rubber	L. Ton	517,000	417,405	221,849	80.7	42.9
Tin	L. Ton	159,400	105,420	46,720	66.1	29.3
Tungsten	S. Ton	13,000	79,587	5,885	612.2	45.3

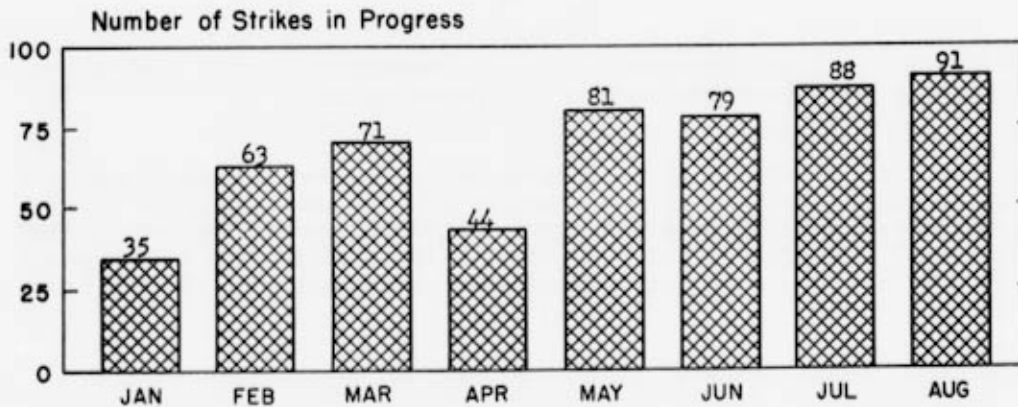
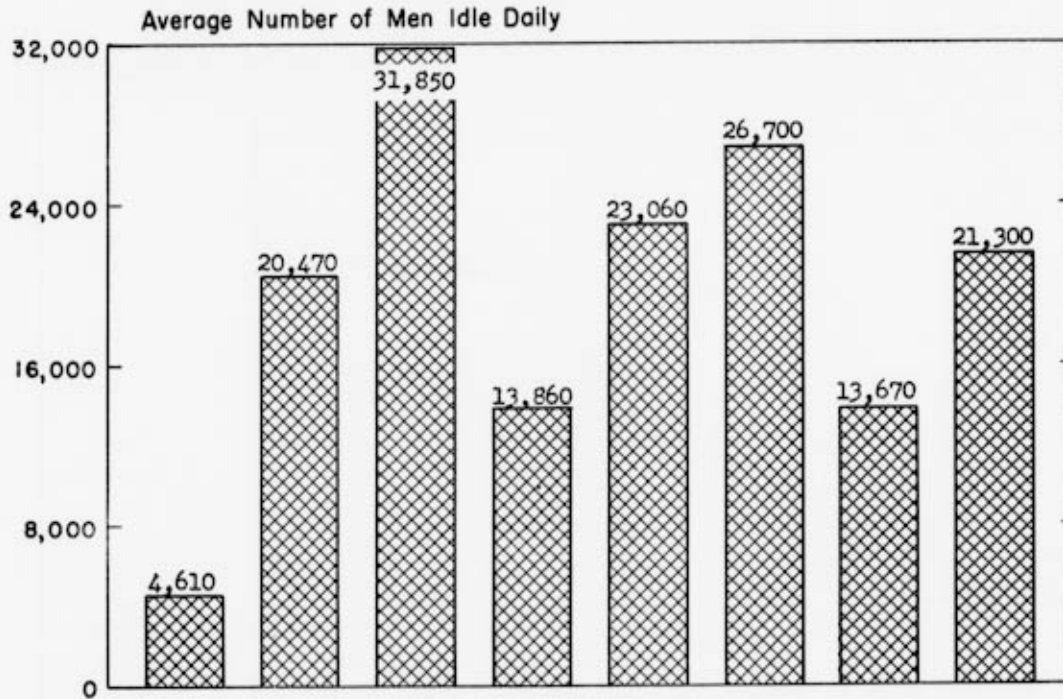
\*Percent of Recommended Stockpile

In addition to the above named materials, stockpiles of the following materials are being acquired by the Government: Asbestos, Cadmium, Copper, Diamond Dies, Graphite, Iridium, Lead, Nickel (Burma Spiece), Nitrate of Soda, Optical Glass, Tin Ore, Wool (Argentine), Zinc Concentrates, and Zinc Ore.

STRIKES AFFECTING WAR DEPARTMENT PROCUREMENT

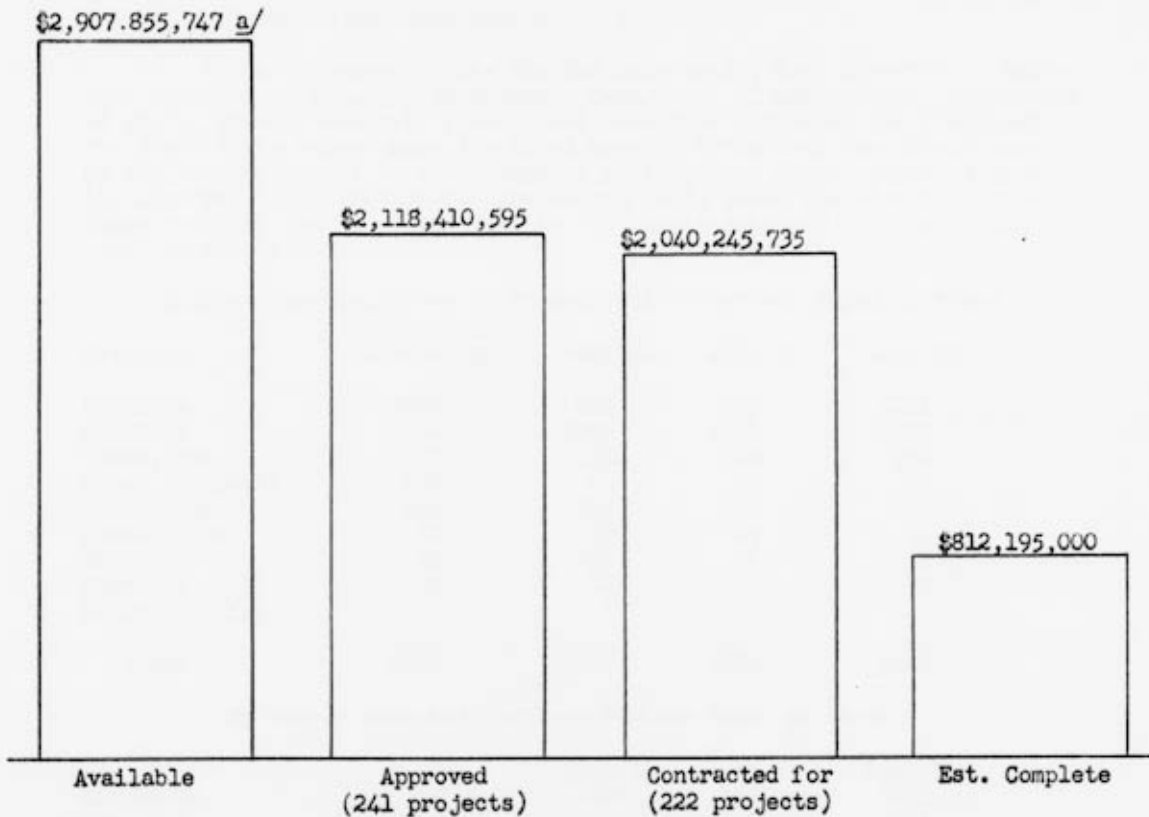
The average number of men idle daily in plants working on War Department contracts dropped from June to July, but increased again in August. While other months have shown a greater number of men idle, the peak number of strikes so far this year was reached in August when there were 91 industrial disputes.

Source of Information: Labor Section, OUSW



PROGRAM OF FACILITIES FOR EXPEDITING PRODUCTION - August 30, 1941

Source of Information: Construction Division Report, August 30, 1941



a/ Includes Expediting Production Appropriation of \$1,964,286,000; Military Appropriation Act 1941 of \$44,275,000; Ordnance Service and Supply \$232,520,402; Chemical Warfare Service \$1,312,427; Navy Department \$26,000,000; Defense Aid Appropriation \$350,000,000; and \$289,461,918 financed by Defense Plant Corporation (R. F. C.), War Department conditional obligations.

DEFENSE AID IN MILLIONS - ALLOCATIONS TO WAR DEPARTMENT

Source of Information: Defense Aid Division, O.U.S.W.

Public Law No. 23, 77th Congress, (Defense Aid Supplemental Appropriation Act) provides funds in the amount of seven billions of dollars for ten "categories" or types of aid to foreign nations. The total amount which can be spent in each category is prescribed. Expenditures can be made only upon definite authority from the President in the form of a "Letter of Allocation" to the procuring agency. Authorizations in excess of actual requirements are withdrawn by later Letters of Allocation.

Procuring agencies are the War Department, Navy Department, Maritime Commission, Treasury Department, Department of Agriculture, Department of State, Federal Security Agency, and Executive Office of the President. The first table below shows the total amounts authorized for expenditure by the War Department in each category at the dates shown, compared with the appropriation limitation. The second table shows the distribution of these funds by the War Department to its Supply Arms and Services, which make the actual purchases.

Allocations Classified by Appropriations-Periods Ended as Shown

Category	Appropriation Limitation	June 30	July 31	Aug. 31
Ordnance	1080	952	999	1041
Aircraft	1812	1856	1521	1791
Tanks, etc.	460	333	348	392
Misc. Equipment	258	91	85	97
Facilities	444	213	252	353
Commodities	31	29	29	31
Testing	25	21	21	21
Services	12	12	12	12
Administration	3	3	3	3
Total	<u>4125</u>	<u>3510</u>	<u>3270</u>	<u>3741</u>

By Supply Arms and Services-Periods Ended as Shown

	June 30	July 31	Aug. 31
Air Corps	1888	1624	1901
Ordnance	1336	1414	1522
Quartermaster	175	105	167
Signal Corps	64	59	65
Corps of Engineers	10	27	43
Chemical Warfare	8	25	27
Medical Corps	--	1	5
Undistributable	29	15	11
Total	<u>3510</u>	<u>3270</u>	<u>3741</u>

DEFENSE AID IN MILLIONS-FUNDS OBLIGATED-WAR DEPARTMENT

Source of Information: Defense Aid Division, O.U.S.W.

Obligations Classified by Appropriations-Periods Ended as Shown

	June 30	July 31	Aug. 15	Aug. 31
Ordnance	246.4	418.0	436.9	450.7
Aircraft	1170.8	1239.8	1267.8	1311.3
Tanks, etc.	206.3	213.3	219.5	221.5
Misc. Equipment	42.7	44.7	48.3	52.5
Facilities	39.7	132.1	145.1	207.3
Commodities	0.4	2.3	2.9	3.3
Services	--	0.7	1.0	1.1
Administration	--	--	0.1	0.2
Total	<u>1706.3</u>	<u>2050.9</u>	<u>2121.6</u>	<u>2247.9</u>

By Supply Arms and Services-Periods Ended as Shown

	June 30	July 31	Aug. 15	Aug. 31
Ordnance	405.1	650.3	688.1	753.6
Air Corps	1205.4	1296.3	1324.4	1364.9
Signal Corps	32.7	34.0	37.1	40.1
Quartermaster	56.3	61.5	62.2	75.2
Chemical Warfare	4.0	5.2	5.9	6.1
Corps of Engineers	2.8	3.6	3.9	7.9
Undistributed	--	--	--	0.1
Total	<u>1706.3</u>	<u>2050.9</u>	<u>2121.6</u>	<u>2247.9</u>



DEFENSE AID - WAR DEPARTMENT DELIVERIES TO FOREIGN GOVERNMENTS

Source of Information: Defense Aid Division, O.U.S.W.

Funds made available for Defense Aid total \$8,300,000,000. The act of March 11, 1941, (Lease-Lend Act), authorizes \$1,300,000,000 of transfers of defense articles in stock or procured from appropriations made prior to that date. The Defense Aid Supplemental Appropriation Act, (March 27, 1941), provides \$7,000,000,000 for new orders.

From 1.3 Billion Authorization-By Periods Ended as Shown

	June 30	July 31	Aug. 15	Aug. 31
Ordnance	\$22,272,000	\$40,477,000	\$47,346,000	\$50,362,000
Quartermaster	2,931,000	3,044,000	4,068,000	4,227,000
Chemical Warfare	1,993,000	1,993,000	1,993,000	1,993,000
Air Corps	1,283,000	1,614,000	1,694,000	2,286,000
Signal Corps	303,000	423,000	425,000	431,000
Medical Corps	13,000	13,000	13,000	13,000
Engineers	--	1,100,000	1,066,000	1,066,000
Total	\$28,795,000	\$48,664,000	\$56,605,000	\$60,378,000

From 7 Billion Appropriation-By Periods Ended as Shown

	June 30	July 31	Aug. 15	Aug. 31
Quartermaster	\$ 1,706,000	\$ 1,838,000	\$ 3,944,000	\$ 5,422,000
Ordnance	264,000	884,000	2,351,000	5,322,000
Air Corps	168,000	470,000	728,000	2,139,000
Signal Corps	39,000	39,000	378,000	941,000
Engineers	--	22,000	44,000	193,000
Chemical Warfare	--	--	1,000	7,000
Total	\$ 2,177,000	\$ 3,253,000	\$ 7,446,000	\$14,024,000

TEXT SUMMARY - ORDNANCE DEPARTMENT - SEPTEMBER 13, 1941

Source of Information: Ordnance Department, General Staff and OUSW

GENERAL

During the month of August the numbers of equipment items ahead of schedule, behind schedule and not scheduled, each decreased, while the number of items on which deliveries were on schedule increased to the highest number since last March. These changes in the progress of deliveries of Ordnance equipment items are shown in the diagram on the following page.

ACCEPTED DELIVERIES IN AUGUST

Irregular gains in acceptances of important Ordnance items were shown in August as compared with July, as indicated below:

	AUG.	JULY	JAN.	% GAIN JAN.to AUG.
Machine gun, cal.30, A.C.	984	500	387	154
Machine gun, cal.50, A.C.	4,912	3,175	130	-
Tank, light	281	253	2	-
Tank, medium, M3	70	17	0	-
M2A1	10	11	6	67
Gun, 3" A.A.	9	10	0	-
Gun, 90mm A.A.	10	7	0	-
Gun, 37mm A.A.	6	38	26	-77
Howitzer, 75mm	33	5	15	120
Howitzer, 105mm	0	4	0	-
Gun, 155mm	0	1	0	-
Rifle, cal.30, M1	30,760	30,000	14,503	112
Machine gun, cal.30 (Var.)	4,301	6,286	3,454	25
Machine gun, cal.50 (H.B.)	237	1	0	-
Gun, 37mm, antitank	120	72	24	400
Mortar, 60mm	162	1,404	125	30
Mortar, 81mm	426	105	63	576
Cartridge, cal.30 (thous.)	48,578	56,374	30,986	57
Cartridge, cal.50 (thous.)	5,292	6,192	3,495	51

Procurement of all 3" antiaircraft guns in the program was completed in the first week of September.

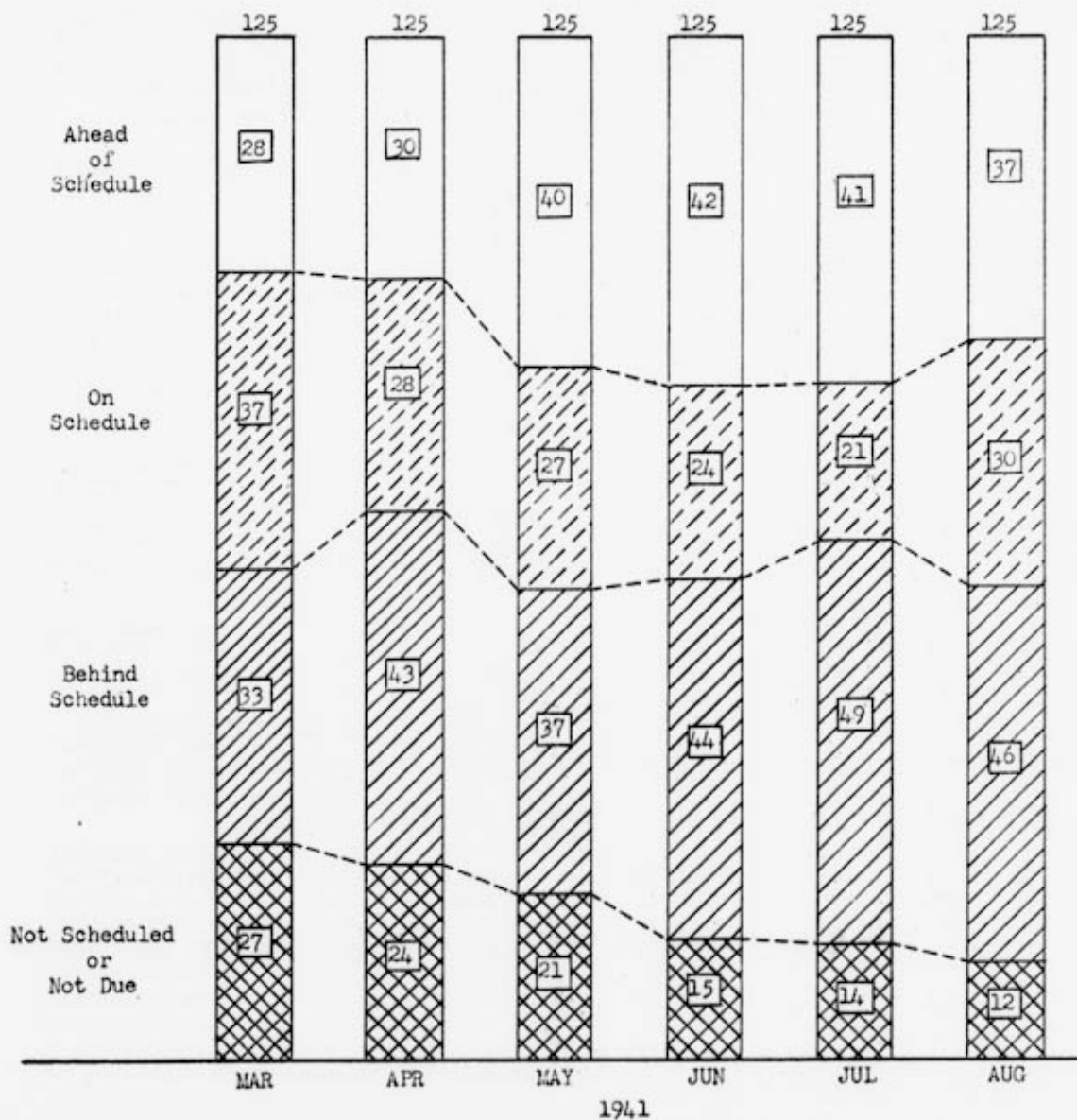
The decline in acceptances of 37mm antiaircraft guns (M1A2) in August from July reflects the diversion of Colt Patent Fire Arms Manufacturing Company's facilities for the production of the mechanisms, largely to 37mm air-craft gun (M4) mechanisms.

No 105mm howitzers were accepted in August, principally because of the failure of American Locomotive Company to start production of carriages according to schedule in July. The carriage is the controlling component and American Locomotive's delay is attributed to lack of machine tools.

PROGRESS OF ORDNANCE DELIVERIES - AUGUST 31, 1941

Source of Information: Industrial Service, Ordnance Department

Equipment - Critical Items



TABULAR SUMMARY - ORDNANCE - EQUIPMENT PROCUREMENT - AUGUST 31, 1941

Source of Information: Fiscal Division and Industrial Service, Ordnance Department

Item	Total procurement program	Delivered thru August 31	Percent of total program		
			Sched-uled	Due	Deliv-ered
<u>Aircraft Armament</u>					
Machine gun, cal.30	90,148	8,231	100	9	9
Machine gun, cal.50	207,920	15,837	79	8	8
Gun, 20mm, automatic	47,663	0	100	0	0
Gun, 37mm, automatic	2,907	93	99	3	3
<u>Combat Vehicles</u>					
Tank, light	5,919	1,493	80	27	25
Tank, medium	9,248	200	31	2	2
Scout car	2,840	2,633	93	93	93
Personnel carrier, 8-man	5,792	1,455	100	21	25
Personnel carrier, 13-man	5,521	488	89	11	9
Machine gun, cal.30 (Var.)	79,964a	a	a	a	a
Machine gun, cal.50 (H.B.)	11,903a	a	a	a	a
Submachine gun, cal.45	278,421	79,918	89	29	29
Gun, 37mm, tank	13,216	2,623	57	18	20
Gun, 75mm, tank	7,264	173	38	1	2
<u>Antiaircraft</u>					
Gun, 3"	152	150	100	100	99
Gun, 90mm	2,284	18	56	1	1
Gun, 37mm	3,195	468	100	16	15
Machine gun, cal.50 (W.C.)	25,063	1,268	76	6	5
<u>Artillery</u>					
Howitzer, 75mm	958	156	100	13	16
Howitzer, 105mm	4,299	61	74	2	1
Gun, 155mm	493	18	100	5	4
<u>Modernization - H.S.</u>					
Carriage, 75mm gun	2,680	684	40	22	26
Carriage, 155mm howitzer	1,442	1,026	99	71	71
Carriage, 155mm gun	847	100	78	14	12
<u>Infantry Armament</u>					
Rifle, cal.30, M1	1,295,856	257,116	54	19	20
Machine gun, cal.30 (Var.)	154,979b	42,062b	66b	27b	27b
Machine gun, cal.50 (H.B.)	31,699b	1,425b	94b	6b	4b
Gun, 37mm, antitank	9,479	696	99	7	7
Mortar, 60mm	11,162	4,940	91	42	44
Mortar, 81mm	4,705	1,241	95	23	26

a Included in Infantry Armament. Deliveries not reported separately.

b Figures include armament for Combat Vehicles.

ORDNANCE - INITIAL REQUIREMENTS - TACTICAL EQUIPMENT - SEPTEMBER 8, 1941

Source of Information: Statistics Branch & G-4, General Staff

Item	Initial requirements 1,820,000 Men Number	Stocks in hands of Field Service Number	Percent of requirements					
			%	0	20	40	60	80
<u>Aircraft Armament</u>								
Machine gun, cal.30, fix.&fl.	33,946	11,229	33					
Machine gun, cal.50, fix.&fl.	60,531	14,936	25					
Gun, 20mm, automatic A.C.	1,413	0	0					
Gun, 37mm, automatic A.C.	2,021	99	5					
<u>Combat Vehicles</u>								
Tank, light	2,389	1,218	51					
Tank, medium	1,046	124	12					
Scout car	2,083	2,692	129					
Personnel carrier, 8-man	3,412	972	28					
Personnel carrier, 13-man	4,517	157	3					
Machine gun, cal.30 (Var.)	30,674a	a	-					
Machine gun, cal.50 (H.B.)	5,735a	a	-					
Submachine gun, cal.45	26,705	22,510	84					
Gun, 37mm, tank	3,427	930	27					
Gun, 75mm, tank	1,020	6	1					
<u>Antiaircraft</u>								
Gun, 3" } Gun, 90mm }	1,177	557	49					
Gun, 37mm, A.A.		19						
Machine gun, cal.50 (W.C.)	2,552	444	17					
	17,065	1,184	7					
<u>Artillery</u>								
Gun, 75mm (H.S.)	836	655	78					
Howitzer, 75mm, field & pack	177	187	106					
Howitzer, 105mm	2,457	68	3					
Gun, 155mm	95	21	22					
Gun, 155mm (H.S.)	587	144	25					
Howitzer, 155mm (H.S.)	739	1,167	158					
<u>Unmodified &amp; other models</u>								
Gun, 75mm	-	2,734	-					
Gun, 155mm	-	825	-					
Howitzer, 155mm	-	786	-					
<u>Infantry Armament</u>								
Rifle, cal.30, M1, semiauto.	838,601	254,128	30					
Machine gun, cal.30 (Var.)	49,737	38,252	77					
Machine gun, cal.50 (H.B.)	14,737	2,181	15					
Gun, 37mm, antitank	4,892	727	15					
Mortar, 60mm	4,747	3,907	82					
Mortar, 81mm	2,340	1,079	46					

a Included in Infantry Armament.

ORDNANCE - TOTAL REQUIREMENTS - TACTICAL EQUIPMENT - SEPTEMBER 8, 1941

Source of Information: Statistics Branch & G-4, General Staff

Item	Total requirements 3,200,000 Men Number	Stocks in hands of Field Service Number	Percent of requirements					
			%	0	20	40	60	80
<u>Aircraft Armament</u>								
Machine gun, cal.30,fix.&fl.	44,269	11,229	25					
Machine gun, cal.50,fix.&fl.	132,534	14,936	11					
Gun, 20mm, automatic A.C.	4,253	0	0					
Gun, 37mm, automatic A.C.	2,883	99	3					
<u>Combat Vehicles</u>								
Tank, light	4,946	1,218	25					
Tank, medium	2,827	124	4					
Scout car	4,299	2,692	63					
Personnel carrier, 8-man	7,896	972	12					
Personnel carrier, 13-man	8,647	157	2					
Machine gun, cal.30 (Var.)	69,409a	a	-					
Machine gun, cal.50 (H.B.)	13,398a	a	-					
Submachine gun, cal.45	56,233	22,510	40					
Gun, 37mm, tank	7,878	930	12					
Gun, 75mm, tank	2,797	6	-					
<u>Antiaircraft</u>								
Gun, 3" } Gun, 90mm }	1,856	557 } 19 }	31					
Gun, 37mm, A.A.	3,055	444	15					
Machine gun, cal.50 (W.C.)	22,966	1,184	5					
<u>Artillery</u>								
Gun, 75mm (H.S.)	1,778	655	37					
Howitzer, 75mm, field & pack	254	187	74					
Howitzer, 105mm	3,733	68	2					
Gun, 155mm	283	21	7					
Gun, 155mm (H.S.)	969	144	15					
Howitzer, 155mm (H.S.)	1,037	1,167	113					
<u>Unmodified &amp; other models</u>								
Gun, 75mm	-	2,734	-					
Gun, 155mm	-	825	-					
Howitzer, 155mm	-	786	-					
<u>Infantry Armament</u>								
Rifle, cal.30, M1, semiauto	1,539,512	254,128	17					
Machine gun, cal.30 (Var.)	107,943	38,252	35					
Machine gun, cal.50 (H.B.)	32,146	2,181	7					
Gun, 37mm, antitank	9,523	727	8					
Mortar, 60mm	7,957	3,907	49					
Mortar, 81mm	4,566	1,079	24					

a Included in Infantry Armament

TABULAR SUMMARY - ORDNANCE - AMMUNITION PROCUREMENT - AUGUST 31, 1941

Source of Information: Industrial Service, Ordnance Department

Item	Total procurement program July 31 (THOUSANDS)	Preliminary Deliveries thru August 31 (THOUSANDS)	Percent of total program			
			Con-tracted	Sched-uled	Due Aug 31	Deliv-ered
<u>Aircraft &amp; Pyrotechnics</u>						
Bomb, frag., 20#	2,017	103	77	100	9	5
Bomb, demo., 100#, 300#, 500#	1,315	115	47	100	11	9
Bomb, demo., 1000#	15	2	72	100	0	13
Bomb, g & s, 30#, 100#	499	99	70	100	39	20
Shot & shell, 20mm	32,502	0	97	0	0	0
Shell, H.E., 37mm	1,890	172	66	100	7	9
Flares	373	206	99	100	72	55
Signals	2,054	645	100	100	37	31
<u>Antiaircraft</u>						
Shell, 37mm, H.E.	12,786	351	21	100	2	3
Shell, 3", H.E.	2,267	73	70	100	4	3
Shell, 90mm, H.E.	3,053	2	58	100	0	0
<u>Artillery</u>						
Shell, H.E., s c, 75mm gun	1,477	97	85	100	7	7
Shell, g & s, 75mm gun	1,108	8	99	99	1	1
Shot, A.P., 75mm gun	1,733	0	100	100	0	0
Shell, H.E., 75mm how.	4,279	238	99	99	6	6
Shell, H.E., 105mm how.	11,793	62	35	100	1	1
Shell, H.E., 155mm gun	1,081	0	32	100	0	0
Charge, prop., 155mm gun	1,084	225	98	100	21	21
Shell, H.E., 155mm how.	4,360	5	77	100	-	-
Shell, g & s, 155mm how.	1,224	322	66	100	28	26
Charge, prop., 155mm how.	5,759	843	77	100	12	15
Primer, 21 gr.	8,338	299	81	100	4	4
Fuzes (All)	11,964	3,083	74	99	26	26
<u>Infantry</u>						
Cartridge, cal.30	8,496,099 $\phi$	499,196	*	56	6	6
Links, met. belt, cal.30	1,011,225 $\phi$	101,563	*	99	10	10
Cartridge, cal.45	820,395 $\phi$	165,985	*	74	20	20
Cartridge, cal.50	2,950,663 $\phi$	59,282	*	31	2	2
Links, met. belt, cal.50	3,070,132 $\phi$	61,388	*	80	3	2
Shot & shell, 37mm	19,589	237	19	100	1	1
Shell, H.E., 60mm	8,882	39	31	100	-	-
Shell, H.E., 81mm	3,785	116	18	100	3	3
Shell, smoke, 81mm	426	0	5	100	0	0
Grenade, H.E., frag.	1,576	198	98	100	8	13
Signals, ground & light	3,588	575	48	58	21	16
Mine, antitank	2,050	0	2	100	1	0

$\phi$  As of August 31.

\* Not reported.



NEW FACILITIES - PROGRESS AS OF AUGUST 31, 1941

Source of Information: Ordnance Department & Production Branch, OUSW

Facility	Construction Percent completed					Equipment Percent delivered								
	%	0	20	40	60	80	100	%	0	20	40	60	80	100
General Motors Corp														
Flint	-							91						
Dayton	-							63						
Saginaw	-							91						
Syracuse	-							82						
Savage Arms Company	-							53						
Colt (Machine Gun)	-							95						
Detroit Tank Arsenal	98								92					
Disston & Sons	100								90					
Mesta Machine Co.	-							90						
Colt (37mm Gun)	-							95						
Bendix Aviation Corp.	100								99					

Facility	Location	Planned Capacity Monthly	Estimated Cost August 15, 1941		Estimated Month			
			Total (THOUS.)	Actually Obligated (PERCENT)	Initial Operation	Full Operation		
<u>Machine Gun</u>								
General Motors	Flint, Mich. } Dayton, Ohio } Saginaw, Mich. } Syracuse, N. Y. }	3,541 } 2,917 }	\$21,251	79	3-41#	8-41#		
Savage Arms	Utica, N. Y.	3,200			16,717	63	7-41#	12-41#
Colt	Hartford, Conn.	700			4,818	70	6-41#	1-42#
<u>Tank</u>								
Detroit	Detroit, Mich.	100	17,996	97	4-41#	10-41		
<u>Armor Plate</u>								
Disston	Philadelphia, Pa.	483 tons	1,226	89	3-41#	-		
<u>155mm Gun</u>								
Mesta	W. Homestead, Pa.	44	1,780	95	10-41	1-42#		
<u>37mm Gun</u>								
Colt	Hartford, Conn	200	4,010	86	6-41#	9-42#		
<u>20mm Gun</u>								
Bendix	Elmira, N. Y.	200	1,000	-	8-41#	-		

\* Plant Equipment Only.

Ø Operations Started.

NEW FACILITIES - PROGRESS AS OF AUGUST 31, 1941

Source of Information: Ordnance Department & Production Branch, OUSW

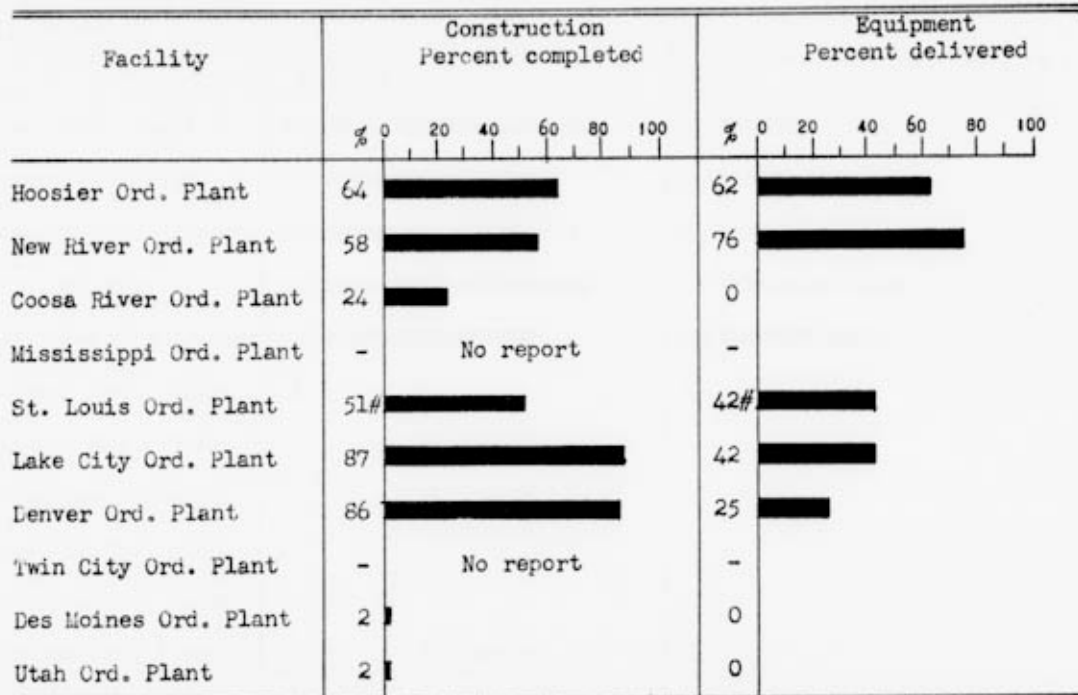
Facility	Construction Percent completed					Equipment Percent delivered							
	%	0	20	40	60	80	100	%	0	20	40	60	80
Radford Ord. Works	95						99						
Indiana Ord. Works	86						89						
Alabama Ord. Works	17#						23#						
Oklahoma Ord. Works	-	No report					-						
Kankakee Ord. Works	80#						86#						
Weldon Spring Ord. Works	72#						54#						
Plum Brook Ord. Works	30#						3#						
Volunteer Ord. Works	-	No report					-						
Gadsden Ord. Plant	97						74						

Facility	Location	Planned Capacity Monthly (THOUS.)	Estimated Cost August 15, 1941		Estimated Month	
			Total (THOUS.)	Actually Obligated (PERCENT)	Initial Operation	Initial Operation
<u>Smokeless Powder</u>						
Radford	Radford, Va.	3.8 Tons	\$ 52,440	97	4-41#	9-41
Indiana	Charlestown, Ind.	7.8 Tons	114,700	86	4-41#	1-42
Alabama	Sylacauga, Ala.	3.8 Tons	49,168	70	3-42	4-42
Oklahoma	Choteau, Okla.	3.8 Tons	60,000	-	-	-
<u>Tetryl &amp; Azide</u>						
Kankakee	Wilmington, Ill.	.5 Tons	-	-	10-41	11-41
<u>TNT &amp; DNT</u>						
Kankakee	Wilmington, Ill.	7.7 Tons	47,715	90	9-41	11-41
Weldon Spring	Weldon Spring, Mo.	6.6 Tons	34,045	64	10-41	5-42
Plum Brook	Sandusky, Ohio	6.6 Tons	24,127	43	1-42	4-42
Alabama	Sylacauga, Ala.	2.5 Tons	26,462	-	3-42	5-42
Volunteer	Chattanooga, Tenn.	6.6 Tons	42,900	.02	1-42	-
<u>Sh. Mach. &amp; Forg.</u>						
Gadsden	Gadsden, Ala.	210	6,655	83	8-41#	3-42

# Does Not Include Additions.  
 / Operations Actually Started

NEW FACILITIES - PROGRESS AS OF AUGUST 31, 1941

Source of Information: Ordnance Department & Production Branch, OUSW

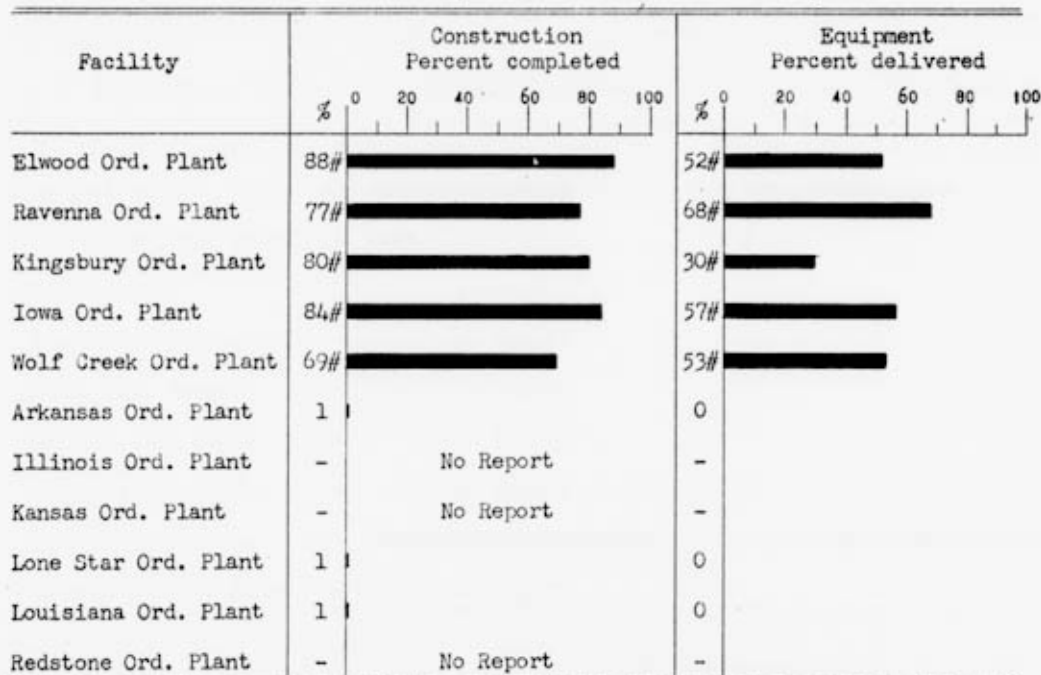


Facility	Location	Planned Capacity Monthly (Thous.)	Estimated Cost August 15, 1941		Estimated Month	
			Total (Thous.)	Actually Obligated (PERCENT)	Initial Operation	Full Operation
<u>Bag Loading</u>						
Hoosier	Charlestown, Ind.	4.1 Tons	\$ 19,507	88	8-41#	10-41
New River	Pulaski, Va.	2.7 Tons	11,850	81	9-41	1-42
Coosa River	Sylacauga, Ala.	2.7 Tons	11,736	38	1-42	5-42
Mississippi	Flora, Miss.	2.7 Tons	12,778	-	1-42	5-42
<u>S. A. Ammunition</u>						
		(Rounds)				
St. Louis	St. Louis, Mo.	200,000	103,587	41	9-41	1-42
Lake City	Lake City, Mo.	65,000	29,952	42	9-41	1-42
Denver	Denver, Colo.	100,000	31,775	83	9-41	2-42
Twin City	St. Paul, Minn.	65,000	31,676	-	4-42	-
Des Moines	Des Moines, Iowa	65,000	31,970	.18	4-42	-
Utah	Salt Lake, Utah	65,000	32,000	-	4-42	-

# Does Not Include Additions.  
 # Operations Actually Started.

NEW FACILITIES - PROGRESS AS OF AUGUST 31, 1941

Source of Information: Ordnance Department & Production Branch, OUSW



Facility	Location	Planned Capacity Monthly	Estimated Cost August 15, 1941		Estimated Month	
			Total	Actually	Initial	Full
			(Thous.)	Obligated (PERCENT)	Operation	Operation
<u>Shell Loading</u>						
Elwood	Wilmington, Ill.	4 Lines	\$32,250	97	7-41#	4-42
Ravenna	Ravenna, Ohio	4 Lines	38,667	99	8-41#	2-42
Kingsbury	LaPorte, Ind.	6 Lines	32,018	77	8-41#	4-42
Iowa	Burlington, Iowa	4 Lines	35,092	91	7-41#	3-42
Wolf Creek	Milan, Tenn.	5 Lines	23,756	91	8-41#	2-42
Arkansas	Jacksonville, Ark.	Fuzes & Boosters	21,997	.2	1-42	6-42
Illinois	Crab Orchard, Ill.	3 Lines	40,000	-	-	-
Kansas	Parsons, Kans.	3 Lines	35,000	.1	1-42	4-42
Lone Star	Texarkana, Texas	5 Lines	35,968	.1	1-42	3-42
Louisiana	Minden, La.	4 Lines	19,716	1	1-42	4-42
Redstone	Huntsville, Ala.	Chem. Shell & Bombs	6,000	-	7-42	9-42

# Does not include additions.  
# Operations actually started.

NEW FACILITIES - PROGRESS AS OF AUGUST 31, 1941

Source of Information: Ordnance Department & Production Branch, OUSW

Facility	Construction Percent completed					Equipment Percent delivered							
	%	0	20	40	60	80	100	%	0	20	40	60	80
Morgantown Ord. Works	67#						69#						
Ohio River Ord. Plant	16						2						
T. V. A.	-	Started					-						
Missouri Ord. Works	-	No Report					-						
Dixie Ord. Works	-	No Report					-						
Jayhawk Ord. Works	-	No Report					-						
Maumelle Ord. Works	-	No Report					-						
Baytown Ord. Works	95						97						
Copperhill Ord. Plant	-	No Report					-						

Facility	Location	Planned Capacity Monthly (THOUS.)	Estimated Cost August 15, 1941		Estimated Month	
			Total (THOUS.)	Actually Obligated (PERCENT)	Initial Operation	Full Operation
<u>Ammonia</u>						
Morgantown	Morgantown, W. Va.	13.0 Tons	\$ 38,223	66	11-41	10-42
Ohio River	Henderson, Ky.	4.5 Tons	14,721	29	6-42	7-42
T. V. A.	Muscle Shoals, Ala.	-	-	-	12-41	3-42
Missouri	Louisiana, Mo.	4.5 Tons	18,425	-	10-42	-
Dixie	Monroe, La.	4.5 Tons	8,696	-	10-42	-
<u>Ammonium Nitrate</u>						
Jayhawk	Baxter Springs, Kans.	6.0 Tons	17,700	-	10-42	-
T. V. A.	Muscle Shoals, Ala.	9.0 Tons	9,425	-	11-41	3-42
<u>Ammonium Picrate</u>						
Maumelle	Marche, Ark.	1.1 Tons	10,729	.03	5-42	-
<u>Toluol</u>						
Baytown	Baytown, Texas	2,446 Gal.	12,900	94	10-41	11-41
<u>Oleum</u>						
Copperhill	Copperhill, Tenn.	13.2 Tons	2,375	-	1-42	3-42

# Operations Actually Started.

## TEXT SUMMARY - AIRCRAFT PROCUREMENT

Source of Information: Materiel Division - Air Corps

### F.Y. 1942 PROGRAM

The total F.Y. 1942 installation engine program called for 25,466 engines as of September 8. Some 4,760 of these engines or 19 percent are under contract.

Of the 21,456 tactical installation engines to be procured, 3,410 or 16 percent are under contract. This represents 3,410 heavy bomber installation units.

Of the 4,010 installation engines to be procured for trainers, 1,350 or 34 percent are under contract. This represents 450 primary trainer installation units and 900 advance trainer installation units.

Acceptance of 2 installation engines has been made against the F.Y. 1942 program. These were included with an amphibian purchased from a private owner.

The first tactical installation engine under existing contracts is to be delivered in June 1942.

The first trainer installation engine under existing contracts is to be delivered in January 1942.

### ARMY DELIVERIES UNDER ALL PROGRAMS

There were 157 project airplanes accepted during the first quarter of September. This is normal for the first quarter inasmuch as manufacturers concentrate on heavier deliveries toward the end of the month.

There were 8 medium bombers and 25 pursuits accepted during the first quarter of September. No deliveries of heavy bombers have been made since the second quarter of July.

Of the 310 engines accepted during the first quarter of September, 191 or 62 percent were for installation in combat airplanes.

Allison made delivery of 160 installation engines for pursuits during the first quarter of September. This is the highest quarter-monthly delivery ever made by Allison. Total Army acceptances from Allison for the entire month of January were only 9 installation units.

### FACILITIES

Receipt of equipment for new aircraft facilities has been slow in comparison with the progress of construction. Priorities for machinery for these plants, however, are being carefully watched.

In the month preceding August 15, Packard received no additional machinery for its new engine plant which is 100 percent constructed but only 32 percent equipped. Equipping of Government Plant No. 2 progressed only about 3 percent during the same period.

TABULAR SUMMARY - AIR CORPS CURRENT PROCUREMENT - SEPTEMBER 8, 1941

Source of Information: Consolidated Statistical Report - Air Corps

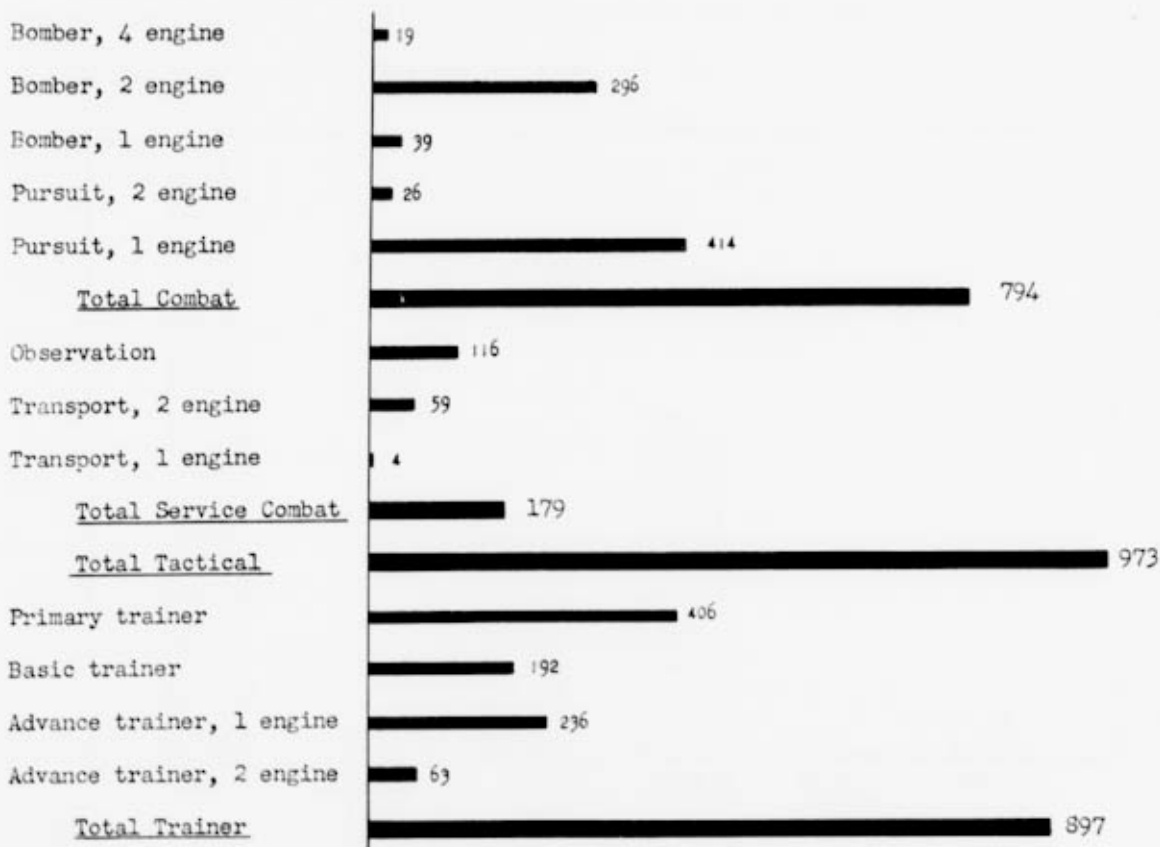
Item	Program			Under contract		Delivered 9/3/41	Not contracted	
	F.Y. 1941 & prior (a)	F.Y. 1942	Total	Num- ber (b)	Per- cent		F.Y. 1941	F.Y. 1942
<u>Project airplanes</u>								
Heavy bomber	2,246	2,656	4,902	3,531	72	91	-	1,371
Medium bomber	4,616	1,200	5,816	4,616	79	296	-	1,200
Light bomber	1,882	150	2,032	1,382	68	207	500	150
Pursuit, fighter	709	1,150	1,859	709	38	80	-	1,150
Pursuit, interceptor	4,394	4,700	9,094	6,194	68	1,036	-	2,900
Observation	533	-	533	533	100	208	-	-
Transport	1,118	240	1,358	1,308	96	72	-	50
Amphibian	74	1	75	75	100	1	-	-
Reconnaissance	17	-	17	17	100	14	-	-
Total Tactical	15,589	10,097	25,686	18,365	71	2,055	500	6,821
<u>Trainer</u>								
Primary trainer	5,490	450	5,940	5,940	100	2,264	-	-
Basic trainer	5,051	1,100	6,151	6,151	100	1,497	-	-
Adv. trainer, 1-eng.	3,297	360	3,657	3,657	100	717	-	-
Adv. trainer, 2-eng.	2,632	1,050	3,682	3,532	96	101	-	150
Total Trainer	16,470	2,960	19,430	19,280	99	4,579	-	150
Grand Total	32,059	13,057	45,116	37,645	83	6,634	500	6,971
<u>Installation engines</u>								
Heavy bomber	8,988	10,624	19,612	12,398	63	2,008	-	7,214
Medium bomber	9,232	3,200	12,432	5,575	45	940	3,657	3,200
Light bomber	3,576	150	3,726	2,576	69	1,003	1,000	150
Pursuit, fighter	1,420	2,300	3,720	1,394	37	430	26	2,300
Pursuit, interceptor	4,394	4,700	9,094	4,394	48	1,411	-	4,700
Observation	533	-	533	533	100	351	-	-
Transport	2,358	480	2,838	1,624	57	343	734	480
Amphibian	148	2	150	150	100	2	-	-
Reconnaissance	34	-	34	34	100	34	-	-
Total Tactical	30,683	21,456	52,139	28,678	55	6,522	5,417	18,044
<u>Trainer</u>								
Primary trainer	5,490	450	5,940	5,940	100	2,742	-	-
Basic trainer	5,051	1,100	6,151	3,051	50	1,619	2,000	1,100
Adv. trainer, 1-eng.	3,297	360	3,657	2,297	63	1,832	1,000	360
Adv. trainer, 2-eng.	2,632	2,100	4,732	4,464	94	1,198	700	1,200
Total Trainer	19,102	4,010	23,112	16,752	72	7,391	3,700	2,660
Grand Total	49,785	25,466	75,251	45,430	60	13,913	9,117	20,704

- (a) Includes project airplane contracts incomplete June 30, 1940, with their matching installation engine contracts.
- (b) "Under contract" figures for installation engines do not include contracts unassigned to specific types of airplanes.



J. S. AIRPLANE DELIVERIES BY TYPE - AUGUST 1941

Source of Information: Consolidated Statistical Report - Air Corps  
Bureau of Aeronautics, Navy Department



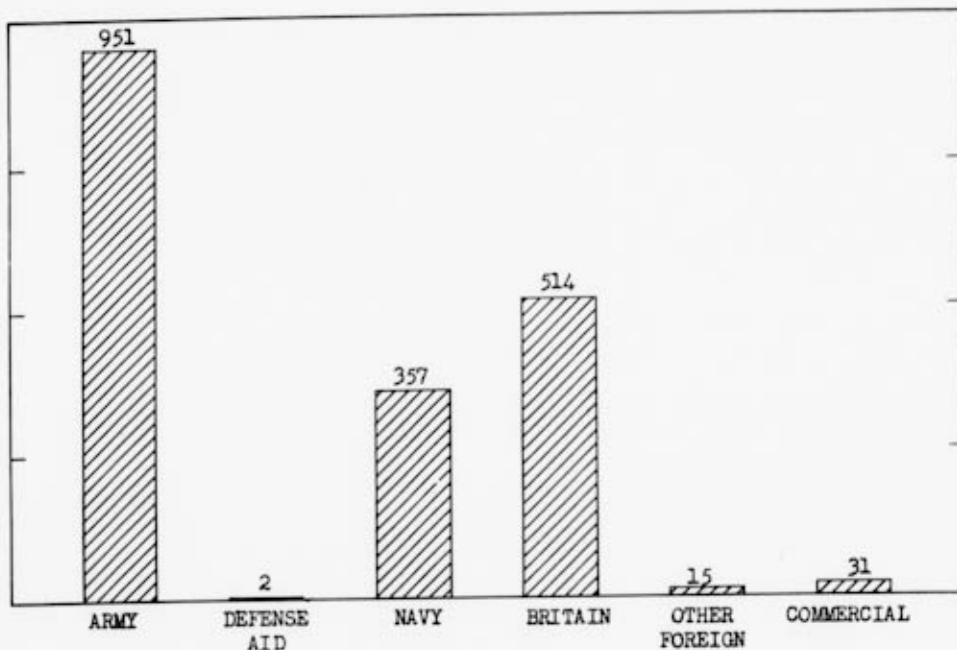
Grand Total: 1,870

These data are based on the output of the twenty-three manufacturers producing military airplanes. All their commercial deliveries are included. Commercial models of these companies are closely or exactly equivalent to units under contract with military customers.

U.S. AIRPLANE DELIVERIES BY CUSTOMER - AUGUST 1941

Source of Information: Consolidated Statistical Report - Air Corps  
Bureau of Aeronautics, Navy Department

Note: Army totals include project airplanes only.



	<u>ARMY</u>	<u>DEFENSE AID</u>	<u>NAVY</u>	<u>BRITAIN</u>	<u>FOREIGN &amp; COMM.</u>	<u>TOTAL</u>
Bombers	78	-	51	220	5	354
Pursuits	290	-	53	97	-	440
Service Combat	77	2	69	-	31	179
Trainers	<u>506</u>	-	<u>184</u>	<u>197</u>	<u>10</u>	<u>897</u>
Total	951	2	357	514	46	1,870

AIRFRAME WEIGHT DELIVERED BY COMPANY - JANUARY-AUGUST 1941 - ALL CUSTOMERS

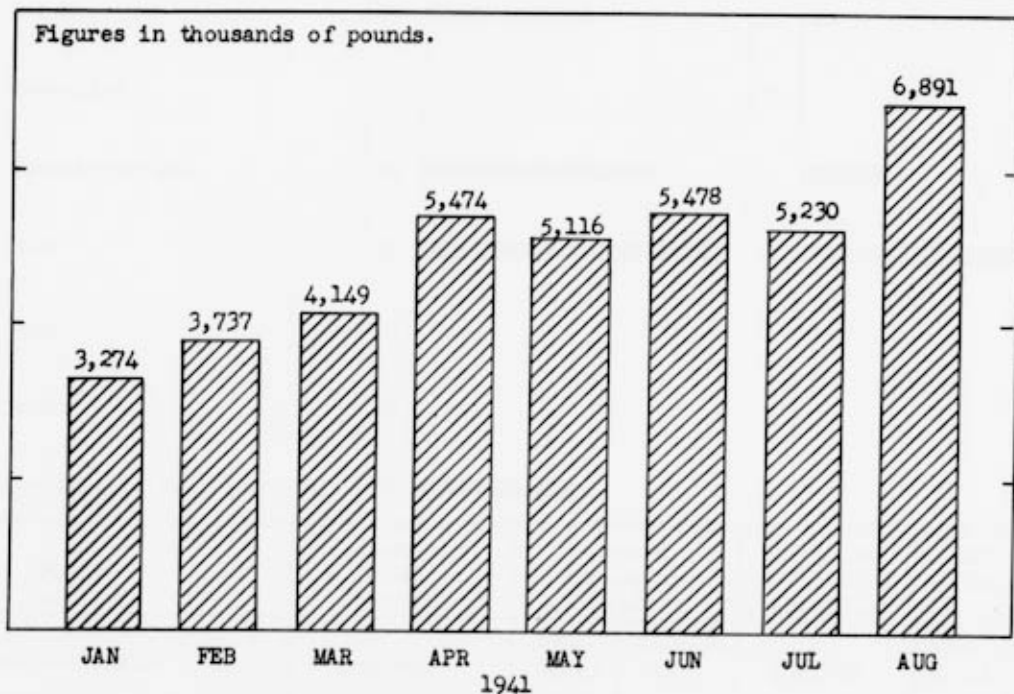
Source of Information: Materiel Division - Air Corps

Note: Half of the production of airframes comes from four plants, and three-fourths from seven plants. These data are based on weights. The bars show United States airframe production in thousands of pounds during the first eight months of 1941, and the figures in the column at the right are cumulative percentages.

<u>Company</u>	<u>Airframe weight delivered (In thousands of pounds)</u>	<u>Cum. percent</u>
1. Lockheed	5,855	15
2. Douglas (Santa Monica)	5,287	28
3. Curtiss (Buffalo)	4,421	39
4. N. American (Inglewood)	4,155	50
5. Consolidated	3,868	60
6. Martin	3,238	68
7. Stearman	1,894	73
8. Vultee (Downey)	1,647	77
9. Boeing	1,202	80
10. Bell	1,022	83
11. Douglas (El Segundo)	952	85
12. Vought-Sikorsky	900	87
13. Grumman	778	89
14. Cessna	756	91
15. Fairchild	654	93
16. Naval Aircraft	586	95
17. Brewster	578	96
18. N. American (Dallas)	480	97
19. Beech	319	98
20. Republic	228	99
21. Ryan	216	99
22. Vultee (Nashville)	210	99
23. Curtiss (St. Louis)	102	100

TOTAL AIRFRAME WEIGHT DELIVERED BY MONTH - ALL CUSTOMERS

Source of Information: Materiel Division - Air Corps



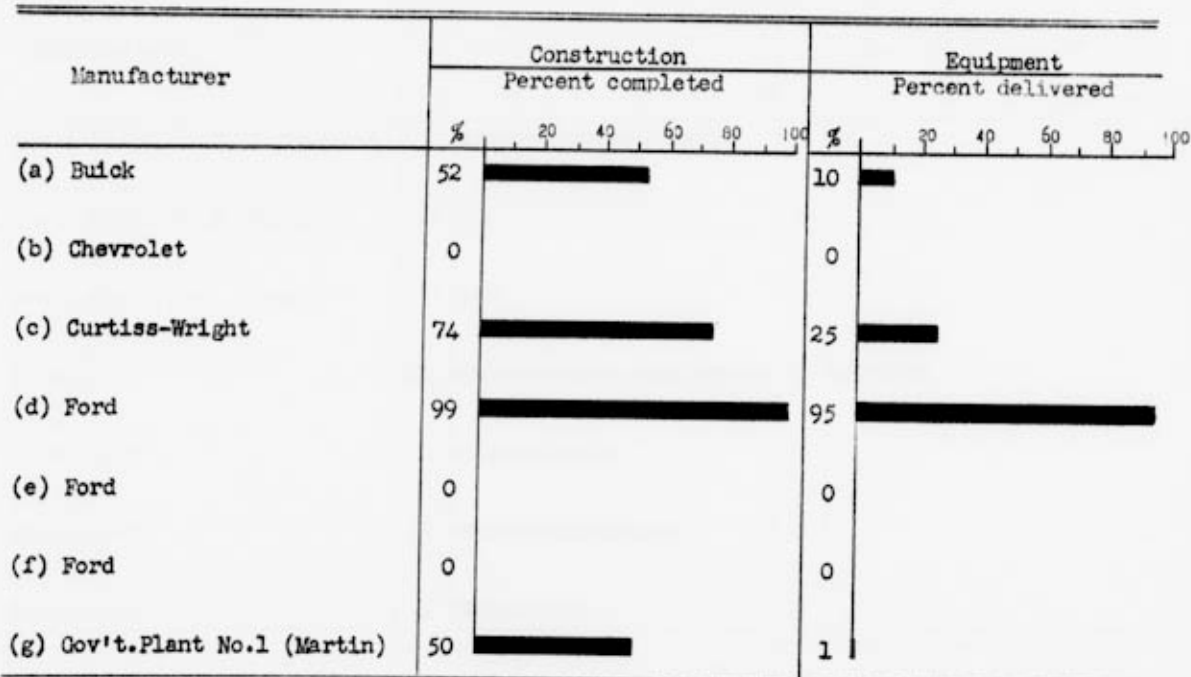
The total monthly airframe weight delivered reflects the progress of United States production. It is more indicative of progress than the total number of units produced. This is due to the fact that more effort is required to turn out heavy combat types than the smaller units which can be easily produced in quantity.

These data in thousands of pounds are based on the output of the twenty-three manufacturers producing military airplanes.

In August, poundage delivered showed an increase of 110% over January.

NEW AIRCRAFT FACILITIES - ARMY SPONSORED PROJECTS - AUGUST 15, 1941

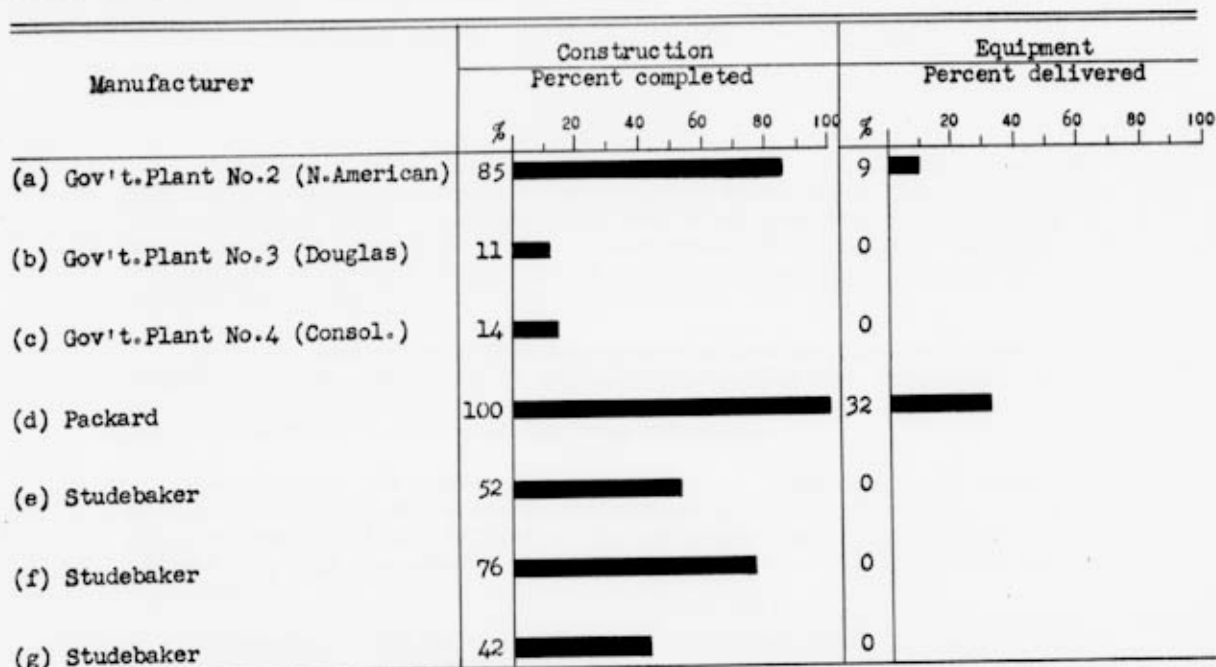
Source of Information: Facilities Section, Materiel Division - Air Corps



Plant Location	Item to be produced	Planned Expansion (thousands)		Estimated Total Cost (thousands)	Estimated Completion Dates	
		Sq.Ft.	Workers		Plant	Equip.
(a) Melrose, Ill.	Engines	2,443	12	\$41,342	11-41	1-42
(b) Buff.-Tonawanda, N.Y.	Engines	1,681	14	37,162	?	?
(c) St. Louis, Mo.	Airplanes	1,163	11	15,145	11-41	3-42
(d) Dearborn, Mich.	Engines	1,034	9	23,923	8-41	10-41
(e) Dearborn, Mich.	Engines	402	17	14,009	?	?
(f) Ypsilanti, Mich.	Airplanes	3,882	45	47,620	?	?
(g) Omaha, Nebr.	Airplanes	1,400	17	14,743	10-41	10-41

NEW AIRCRAFT FACILITIES - ARMY SPONSORED PROJECTS - AUGUST 15, 1941

Source of Information: Facilities Section, Materiel Division - Air Corps



Plant Location	Item to be produced	Planned Expansion (thousands)		Estimated Total Cost (thousands)	Estimated Completion Dates	
		Sq. Ft.	Workers		Plant	Equip.
(a) Kansas City, Kan.	Airplanes	1,000	12	\$11,058	8-41	1-42
(b) Tulsa, Okla.	Airplanes	1,500	15	24,499	2-42	1-42
(c) Ft. Worth, Texas	Airplanes	1,500	15	24,657	12-41	?
(d) Detroit, Mich.	Engines	1,000	16	29,850	7-41*	2-42
(e) Chicago, Ill.	Engines	225	1	20,556	10-41	12-41
(f) Ft. Wayne, Ind.	Engines	575	5	9,023	8-41	12-41
(g) So. Bend, Ind.	Engines	897	4	20,207	8-41	12-41

\* Actual completion date.

TEXT SUMMARY - QUARTERMASTER PROCUREMENT - September 11, 1941

Source: Statistics Branch, Office of the Quartermaster General

BASIC ITEMS

General -- As of August 23, contract awards have been made on all of the 132 critical and essential quartermaster items under 1941 procurement. Forty-three of these items have been completely procured. Of the total programs of the remaining items, an average of 99 percent has been contracted and an average of 79 percent has been procured; these figures include CCC transfers.

Contract awards for Deficiency Appropriation programs have been completed and an average of 42 percent of these has been delivered. Of the combined 1942 programs, an average of 50 percent has been contracted and an average of 1.5 percent has been delivered.

Contracts -- For the quartermonthly period ended August 23, there were no appreciable increases in contracted amounts for the items being procured under 1941 and Deficiency Appropriation funds. Contracted amounts for 1942 procurement show an average increase of 13 percent for this period.

Deliveries -- Deliveries during the period were effected on 69 of 89 1941 items; on 31 of 36 Deficiency Appropriation Items and on 7 of 90 items being procured under 1942 funds.

Schedules & Delinquencies -- Of the 258 basic items being procured from 1941, 1942 and Deficiency Appropriation funds, 86 are delinquent; of these 24 are more than 5 percent delinquent.

MOTOR VEHICLES

Contracts - As of August 31, contracts have been awarded for 247,793 vehicles, obligating 327 million dollars of 1941 and 1942 funds. Under 1941 funds, 91 percent of a program of 245,612 vehicles has been contracted and 61 percent delivered. Eighty-six percent of the estimated 1942 program has been contracted with initial deliveries scheduled for September.

Deliveries -- During the quartermonthly period ended August 31, deliveries were reported on 2,693 vehicles. This brings cumulative deliveries under 1941 funds to 149,313 vehicles at a cost of 198 million dollars.

Schedules & Delinquencies -- Based on estimated delivery schedules, 11,206 vehicles were behind schedule; 5,360 vehicles, however, were ahead of schedule.



TEXT SUMMARY - QUARTERMASTER PROCUREMENT - September 11, 1941

Source: Statistics Branch, Office of the Quartermaster General

CONSTRUCTION

Obligations -- As of August 31, total Q.M.C. construction obligations for 1941 and 1942 programs amounted to 1,497 million dollars or 68 percent of the estimated total cost. Eighty-eight percent of the 1941 program and 9 percent of the 1942 program have been obligated.

Construction in Place -- Construction in place for combined 1941 and 1942 programs amounts to 1,280 million dollars or 59 percent of the currently estimated cost. Eighty-eight percent of the housing requirements has been met and 72 percent has been occupied. Of the 518 projects on the current program:

145	projects	are	completed
42	"	"	from 95 to 99% complete
56	"	"	from 76 to 94% complete
70	"	"	from 51 to 75% complete
73	"	"	from 26 to 50% complete
102	"	"	from 1 to 25% complete
30	"	"	not started

Schedules and Delinquencies -- Value of construction in place is one percent behind value of construction scheduled. Value of completed projects, however, is 31 percent ahead of the value of scheduled completions.

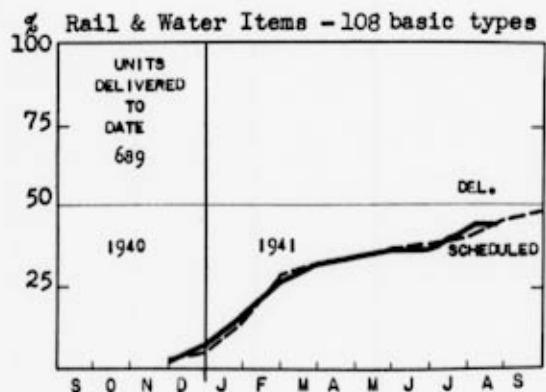
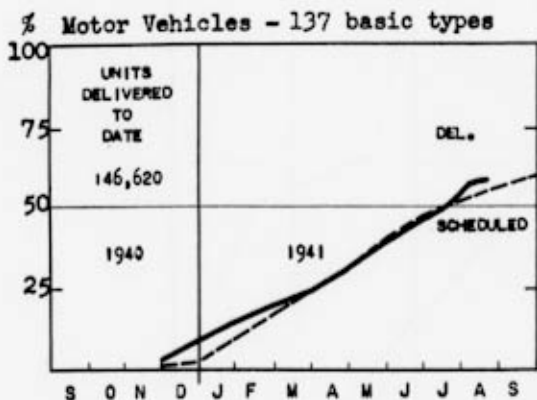
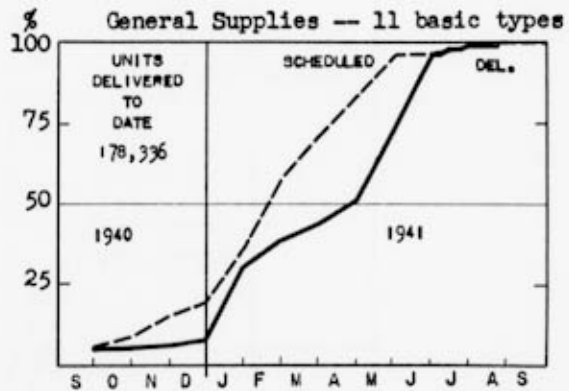
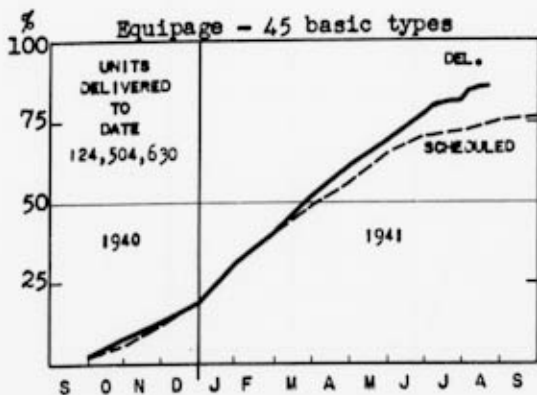
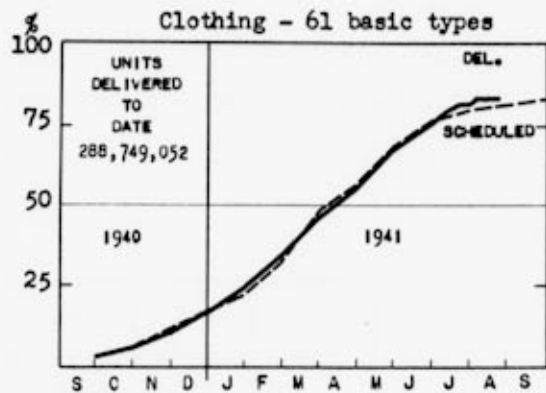
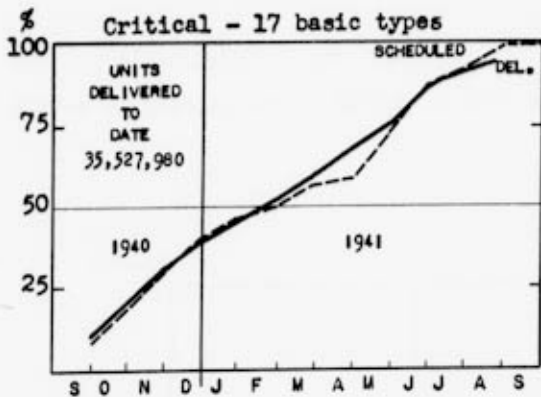
LABOR DIFFICULTIES -- Strikes are currently affecting quartermaster procurement as follows:

<u>Item affected</u>	<u>Man days</u>	<u>Contractor's Name &amp; Address</u>
Oil pressure gauges	20,900	U. S. Gauge Co., Sellersville, Pa.
Heating equipment	11,570	Richmond Radiator Co., Uniontown, Pa.
Construction steel	10,000	Knoxville Iron Co., Knoxville, Tenn.
Motorcycle parts*	650	20th Century Brass Works, Minneapolis

\*Crankcases, pump drives and bronze bushings supplied to Harley Davidson, who reports only one weeks supplies on hand.

STATUS OF Q.M. PROCUREMENT - F.Y. 1941 - Aug. 23, 1941 - Six major procurement groups based on total programs of basic types in each group. Combined programs for each group is 100%.

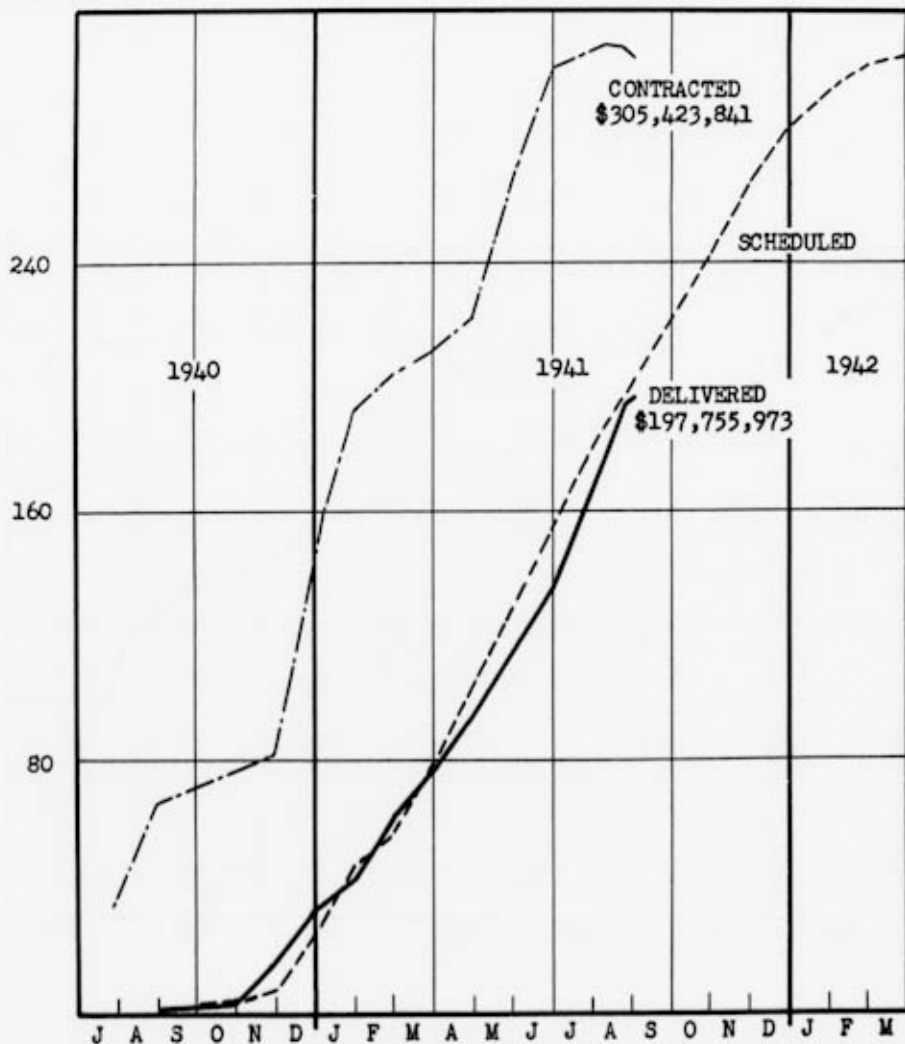
Source of Information: Statistics Branch, Office of the Quartermaster General.



QUARTERMASTER CORPS - PROCUREMENT OF MOTOR VEHICLES - FISCAL DIAGRAM - August 31, 1941

Source of Information: Office of the Quartermaster General - Statistics Branch, OUSW

MILLION  
DOLLARS



Quartermaster Corps

32

Statistics Branch  
OUSW - 9-13-41

Q. M. C. - CUMULATIVE CONSTRUCTION PROGRESS - August 30, 1941

Source: Construction Division, Office of the Quartermaster General

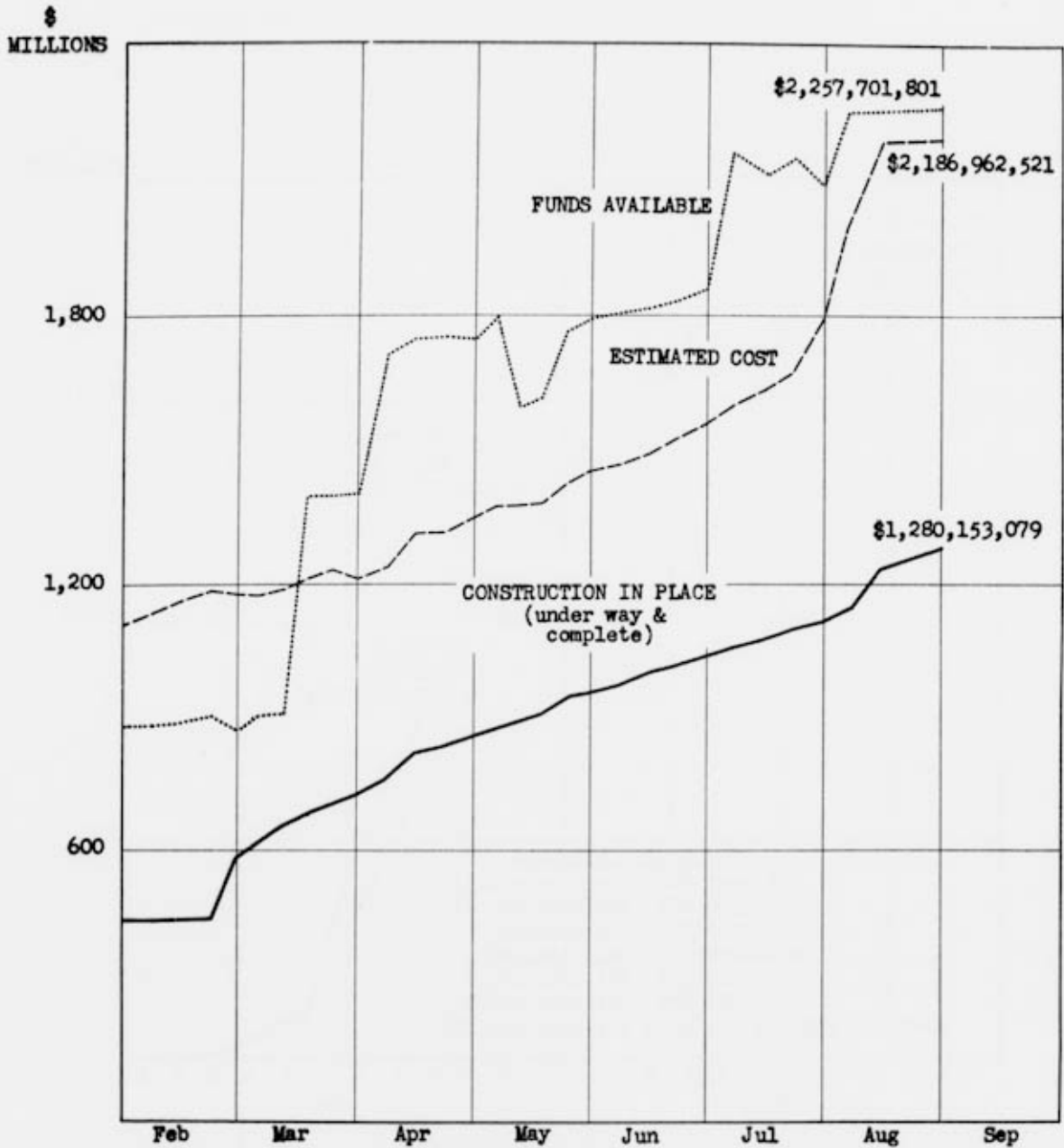
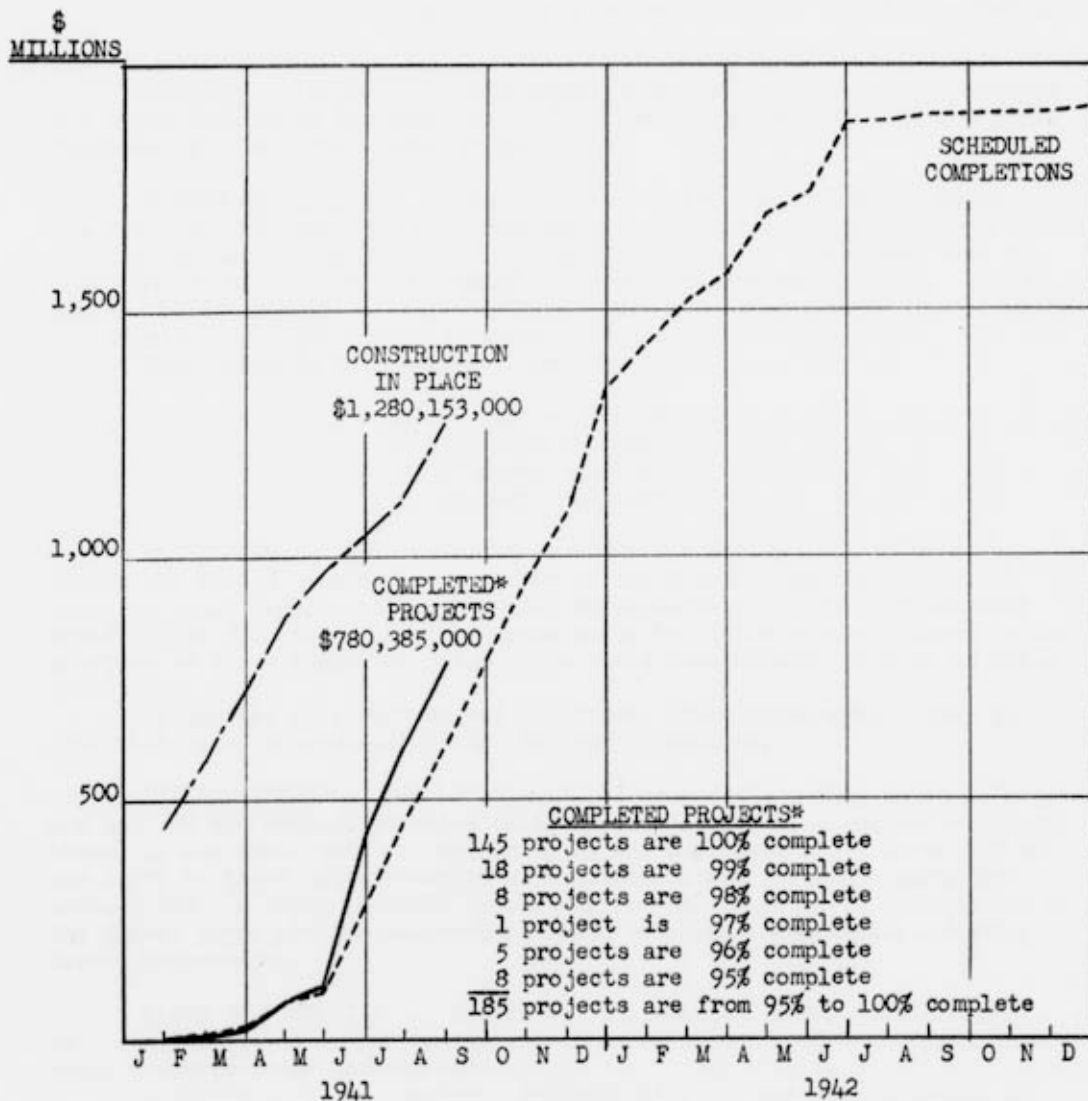


DIAGRAM - STATUS OF COMPLETED Q.M.C. CONSTRUCTION PROJECTS - August 30, 1941

Source: Construction Division, Office of the Quartermaster General



\*Includes all projects from 95% to 100% complete

TEXT SUMMARY - SIGNAL CORPS PROCUREMENT - GROUND ITEMS - SEPTEMBER 6, 1941

Source of Information: Office of the Chief Signal Officer, Supply Division  
Office of the Under Secretary of War, Labor Division

PROGRAM - Figures in this report have been revised and now include all quantities to be procured on the F.Y. 1941, Regular F.Y. 1942 and First Supplemental 1942 procurement programs.

STATUS OF CONTRACTS - Contract awards for all except two items on the F.Y. 1941 program have been awarded, i.e., Blind Landing Equipment SCR-251 and Transmitter Tuning Unit TU-25. Specifications for the former have not been completed. Transmitter Tuning Units will be awarded shortly. Contracts are now being awarded shortly. Contracts are now being awarded for items on the Regular F.Y. 1942 and First Supplemental F.Y. 1942 programs.

New contracts last week included the following:-

16,999 (miles) Wire W-110-B  
1,072 Radio set SCR-509  
1,917 Radio set SCR-510  
21 Radio set SCR-203

DELIVERIES - Deliveries of ground radio equipment last week continued the marked upward trend evident in the previous weekly period. A total of 1,203 radio sets was received compared with 524 sets in the week ended August 30. The receipt of minor parts to complete sets delayed by the shortage of these items was responsible for a considerable portion of these deliveries.

Deliveries of ground signal equipment, other than radios, are, in some instances, appreciably behind delivery schedules.

DELINQUENCIES - Out of 40 critical ground items upon which deliveries are due, 28 are behind estimated delivery schedules. Of these 29 delinquent items, 14 are radio sets of various types and aggregate 6,123 units. There are 4,575 of these units reported as complete except for minor parts and accessories. A sharp increase in the delivery of these parts is reported by the Signal Corps and the delivery of radio sets is, consequently, showing marked improvement.

LABOR DIFFICULTIES - Strike at U. S. Gauge Company, Sellersville, Pa., continues, and is indirectly affecting manufacture of charging sets being procured under Defense Aid.

A strike at J. E. Sjostrum, Philadelphia, Pa. was called August 27. This company is a prime and subcontractor for the Signal Corps.

SIGNAL CORPS - DELIVERIES - ITEMS AHEAD AND BEHIND SCHEDULE - SEPT. 6, 1941

Source of Information: Office of the Chief Signal Officer, Supply Division

Item	Quantity behind	Quantity ahead	% BEHIND SCHEDULE					% AHEAD OF SCHEDULE				
			100	80	60	40	20	0	20	40	60	80
<u>RADIO COMMUNICATION-GROUND</u>												
Charging set SCR-169	152									11		
Frequency meter set SCR-211	899				48							
Head & chest set HS-19												ON SCHEDULE
Headset HS-23												ON SCHEDULE
Radio set, ground (total)	5,246					34						
Test sets I-56 & I-87	33									3		
<u>MISCELLANEOUS EQUIPMENT</u>												
Aircraft warning devices	17									6		
Converter M-134												NONE DUE
Flash ranging set GR-4												ON SCHEDULE
Interphones (vehicular)	1,884					76						
Signal lamp equip. EE-84	.73											100
Sound Ranging set GR-3-C												NONE DUE
Theodolite ML-47	71									27		

SIGNAL CORPS - DELIVERIES - ITEMS AHEAD AND BEHIND SCHEDULE - SEPT. 6, 1941

Source of Information: Office of the Chief Signal Officer, Supply Division

Item	Quantity behind	Quantity ahead	% BEHIND SCHEDULE					% AHEAD OF SCHEDULE				
			100	80	60	40	20	0	20	40	60	80
<u>RADIO COMMUNICATION-GROUND</u>												
Charging set SCR-169	152										11	
Frequency meter set SCR-211	899					48						
Head & chest set HS-19												ON SCHEDULE
Headset HS-23												ON SCHEDULE
Radio set, ground (total)	5,246					34						
Test sets I-56 & I-87	33										3	
<u>MISCELLANEOUS EQUIPMENT</u>												
Aircraft warning devices	17										6	
Converter M-134												NONE DUE
Flash ranging set GR-4												ON SCHEDULE
Interphones (vehicular)	1,884					76						
Signal lamp equip. EE-84	.73					100						
Sound Ranging set GR-3-C												NONE DUE
Theodolite ML-47	71										27	



SIGNAL CORPS DELIVERIES - ITEMS AHEAD AND BEHIND SCHEDULES - SEPT. 6, 1941

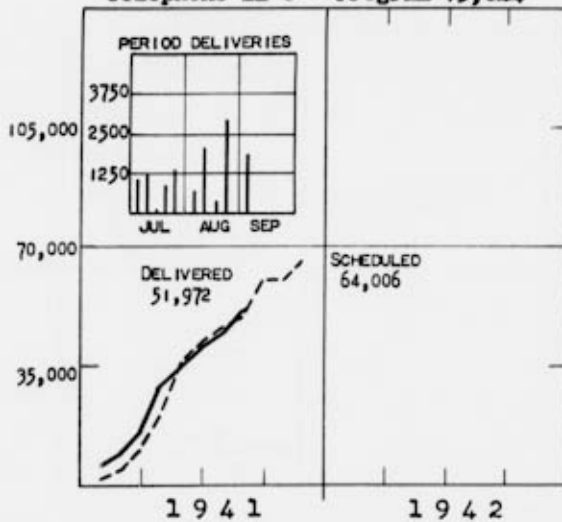
Source of Information: Office of the Chief Signal Officer, Supply Division

Item	Quantity behind	Quantity ahead	% BEHIND SCHEDULE						% AHEAD OF SCHEDULE														
			100	80	60	40	20	0	20	40	60	80	100										
<u>WIRE COMMUNICATION</u>																							
Coil C-114	1,704							16															
Coil C-161																							DELIVERED
Reel equipment CE-11																							NONE DUE
Reel units (RL-16, 26, 31)		669																					7
Switchboards (BD-71, 72, 89, 96)	219																						8
Telegraph printer set EE-97																							NONE DUE
Telegraph set TG-5		1,165																					69
Telephone EE-8		1,686																					3
Telephone central office set (TC-1 & TC-2)	10																						63
Telephone set TP-4	80																						100
Wire (miles) W-110-D & W-130		8,693																					10

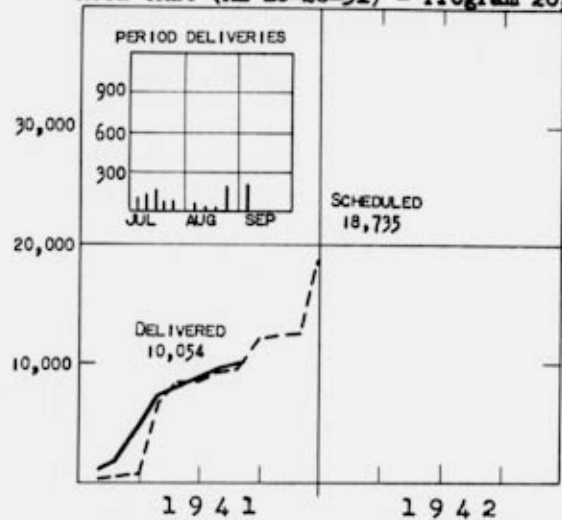
SIGNAL CORPS PROCUREMENT - SELECTED ITEMS - WIRE COMMUNICATION - SEPT. 6, 1941

Source of Information: Supply Division, Office of the Chief Signal Officer

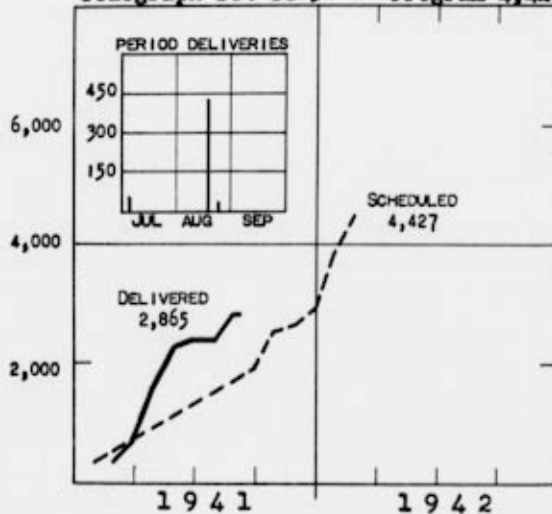
Telephone EE-8 - Program 75,624



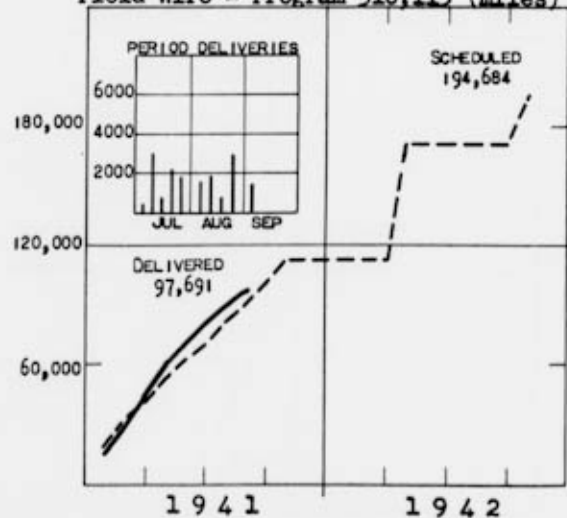
Reel Unit (RI-16-26-31) - Program 20,275



Telegraph Set TG-5 - Program 4,427



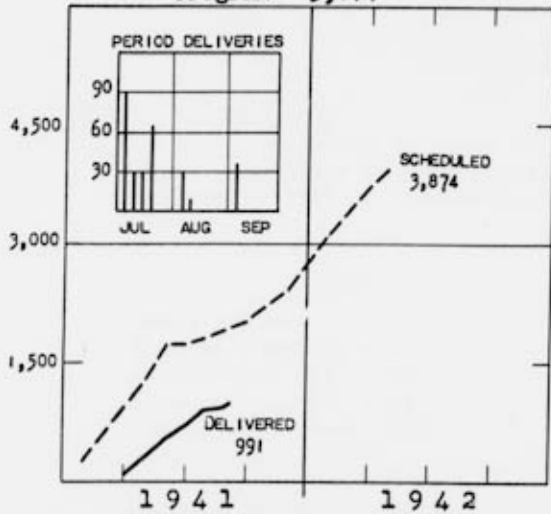
Field Wire - Program 310,115 (miles)



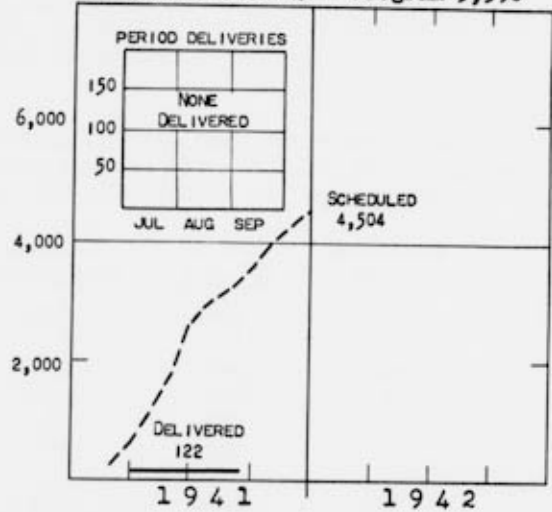
SIGNAL CORPS PROCUREMENT - SELECTED ITEMS - RADIO COMMUNICATION EQUIPMENT  
SEPT. 6, 1941

Source of Information: Supply Division, Office of the Chief Signal Officer

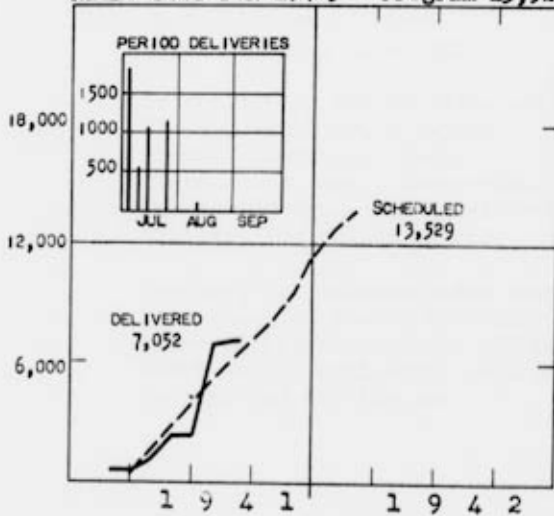
Frequency Meter Set SCR-211  
 Program - 3,874



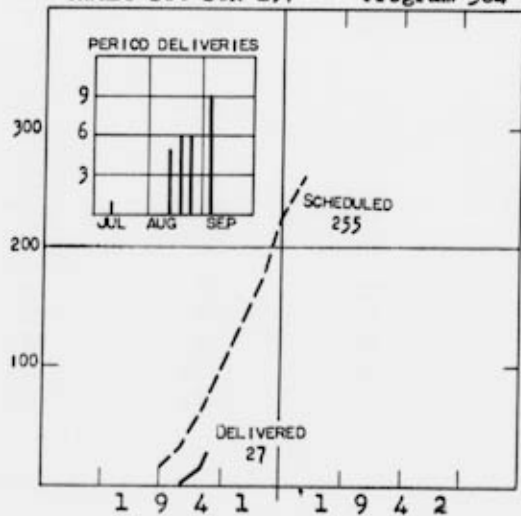
Radio Set SCR-245 - Program 5,590



Radio Sets SCR-194-5 - Program 13,529



Radio Set SCR-197 - Program 364



Signal Corps

Statistics Branch  
 OUSW - 9-13-41

TEXT SUMMARY - CORPS OF ENGINEERS - PROCUREMENT PROGRESS THROUGH AUGUST 30, 1941

Source of Information: Supply Section, Office of the Chief of Engineers

NEW CLASSIFICATION OF ITEMS

The 1st Supplemental Appropriation Act for 1942 reclassifies the items in the Engineer procurement program. The following are new critical items:

Explosive, ammonium nitrate  
Instruments, drawing, office, set  
Instruments, drawing, field, set  
Planimeter, polar, Amsler's  
Transit, engineers, 1-minute  
Transit, engineers, 20-second

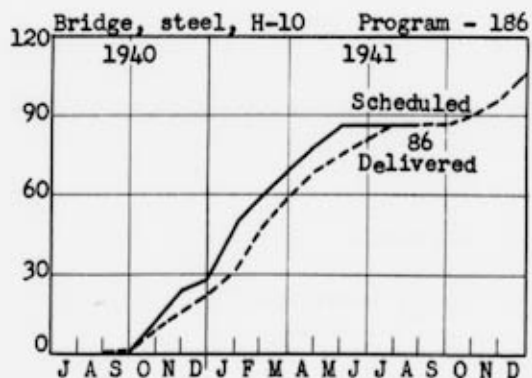
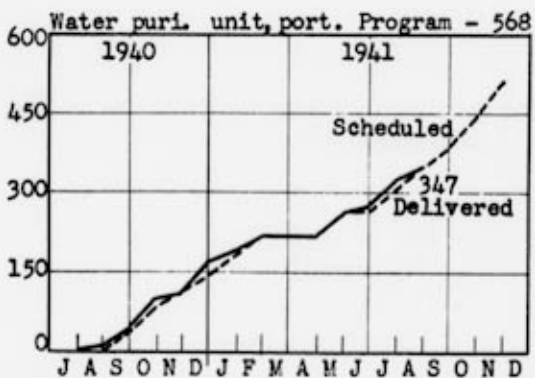
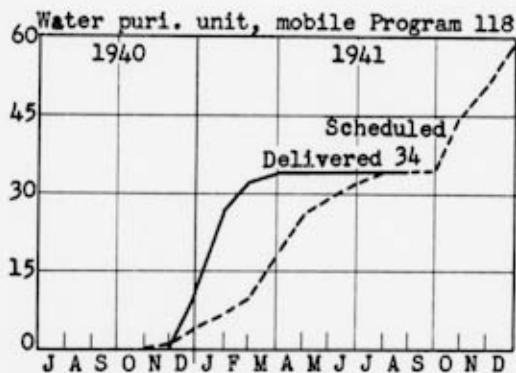
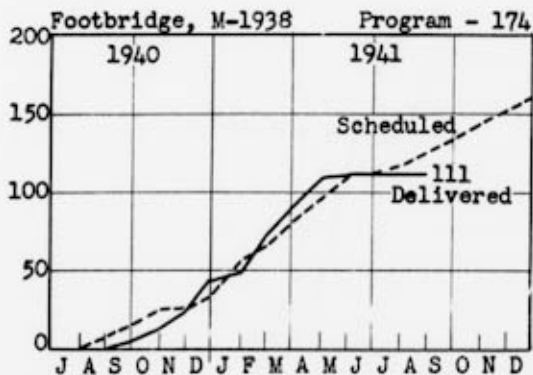
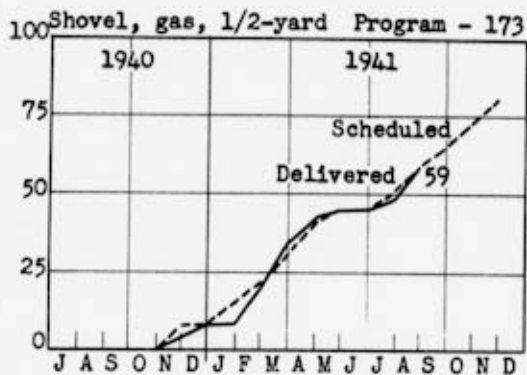
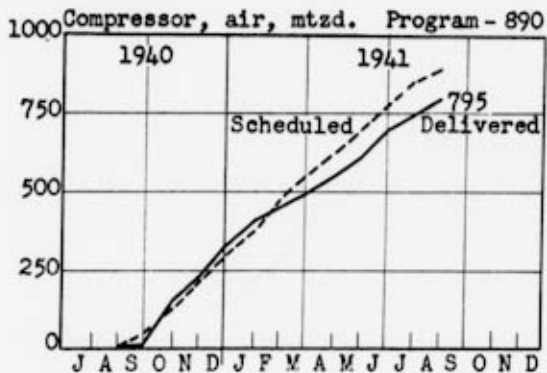
INITIAL REQUIREMENTS

Of the items being followed by this office, 23 have been delivered in sufficient quantities to meet the initial requirements for 1,820,000 men. Future deliveries will be for warehouse stocks for maintenance and war reserve.

<u>Item</u>	<u>Initial Requirements</u>	<u>On hand Aug. 30</u>	<u>Warehouse Stocks</u>
Boat, assault	2110	3964	1854
Camera, copying, mtzd.	3	11	8
Compressor, air, mtzd.	552	860	308
Dup. equip., 22" x 33"	174	229	55
Footbridge, Model 1938	85	123	38
Grader, road, mtzd.	95	102	7
Hammer, gas-motor operated	802	1069	267
Map repro. equip., C.A. Hq.	9	9	0
Map repro. equip., mtzd.	25	35	10
Mixer, concrete	109	111	2
Ponton bridge, 10-ton	76	93	17
Repro. equip., litho plat.	3	3	0
Searchlight, 60" antiaircraft	1760	1824	64
Shovel, gasoline, 3/8-yard	64	94	30
Shovel, gasoline, 3/4-yard	3	3	0
Stereoscope, mag., lens-prism	41	65	24
Tractor, medium, with angledozer	511	656	145
Trailer, for medium tractor	556	609	53
Trailer, for triangulation tower	56	74	18
Triangulation tower, portable	28	37	9
Water purification unit, mobile	34	45	11
Water supply equipment, engineer	265	278	13
Welding and cutting set	150	195	45

CORPS OF ENGINEERS - STATUS OF SIX SELECTED ITEMS - AUGUST 30, 1941

Source of Information: Supply Section, Office of the Chief of Engineers





TEXT SUMMARY - CORPS OF ENGINEERS - CONSTRUCTION AT AIR CORPS STATIONS, AUGUST 15, 1941

Source of Information: Construction Section, Office of the Chief of Engineers

GENERAL

During the past period the construction at Air Corps stations being done by the Corps of Engineers has shown the following increases:

	<u>July 31</u>	<u>Aug. 15</u>	<u>Increase</u>
Estimated cost, in mils.	623	644	21
Work in place, in mils.	244	269	25
Troop capacity, men in thous.	320	335	15
No. of projects	125	130	5

NEW PROJECTS

Five new projects having a combined estimated cost of \$10,123,000 were reported this period. These five projects are: one Replacement Center, one Observation Unit, and three of a new type--Ferrying Command.

Santa Ana Airfield, California-----A Replacement Center with construction of temporary housing and technical facilities at existing municipal airport. The estimated cost is \$3,223,000.

Vichy Airfield, Missouri-----Construction of airfield with temporary housing and technical facilities. This project is an Observation Unit with an estimated cost of \$1,306,000.

Houlton Airfield, Maine-----A Ferrying Command station with construction of temporary housing and technical facilities at existing municipal airport. The estimated cost is \$2,418,000.

Presque Isle, Maine-----Construction of airfield with temporary housing and technical facilities. This project is a Ferrying Command station. The estimated cost is \$3,081,000.

Wayne County Airfield, Romulus, Michigan-----A Ferrying Command station with construction of temporary housing and technical facilities at existing municipal airport. The estimated cost is \$95,000.

TEXT SUMMARY - MEDICAL DEPARTMENT - FOR WEEK ENDED SEPTEMBER 13, 1941

Source of Information: Finance & Supply Div. - Office of Surgeon General

The progress report of August 31, 1941, shows great improvement as to the number of items completely contracted in the 1941 F.Y. program. The change was most marked in the critical items. Nine items remain in the critical group and one in the selected not yet fully contracted. While all contracts were awarded prior to June 30, 1941, their completion and recording could not be accomplished until a later date.

Despite the lag in surgical instruments Ed Weck & Co., Brooklyn, N. Y., completed delivery on a contract for 5,000 Rankin-Kelly Straight Hemostatic Forceps during the period August 16 to 31. The completion date required by this contract was September 2, 1941. This same contractor also completed a contract for 2,500 Allis Tissue Forceps not due until September 8, 1941.

Although contractors delivered forty-five 200 Ma. shockproof Radiographic and Fluoroscopic X-Ray Machines between August 15 and 31, the number behind schedule increased from 122 to 166, - a further deficiency of 44 machines. Slowness of delivery and the general causes of delay were attributed to labor difficulties and lack of basic raw materials.

The Picker X-Ray Corporation, New York, N. Y., since settlement of a strike in its manufacturing plant at Cleveland, Ohio, is making steady progress in delivery of the Mobile Field X-Ray Unit, which is now needed to complete certain units of field equipment. Latest report shows the firm to be 43 machines ahead of schedule.

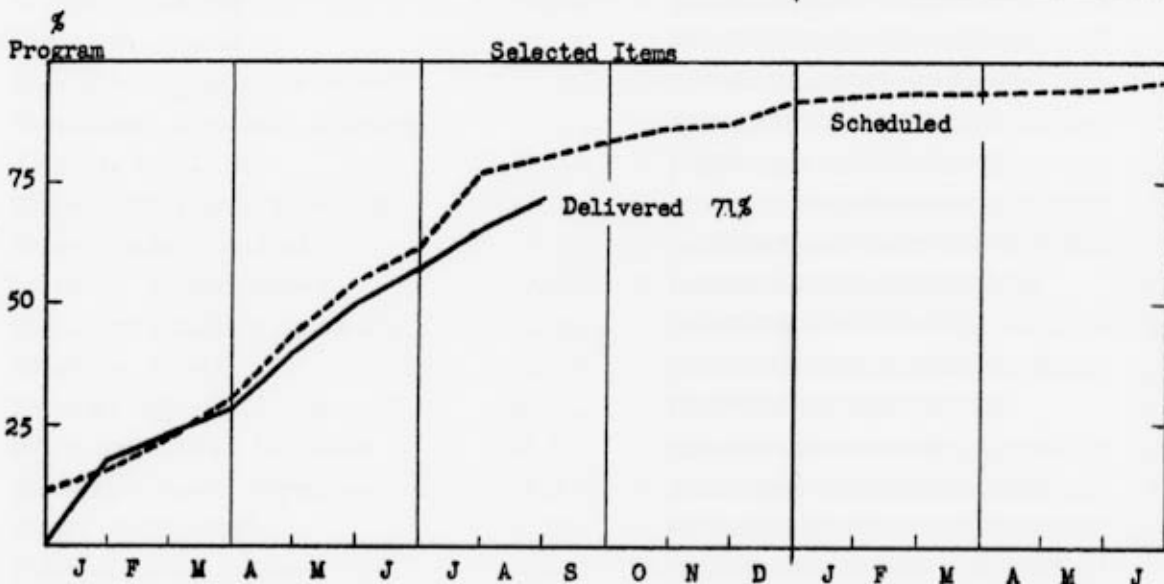
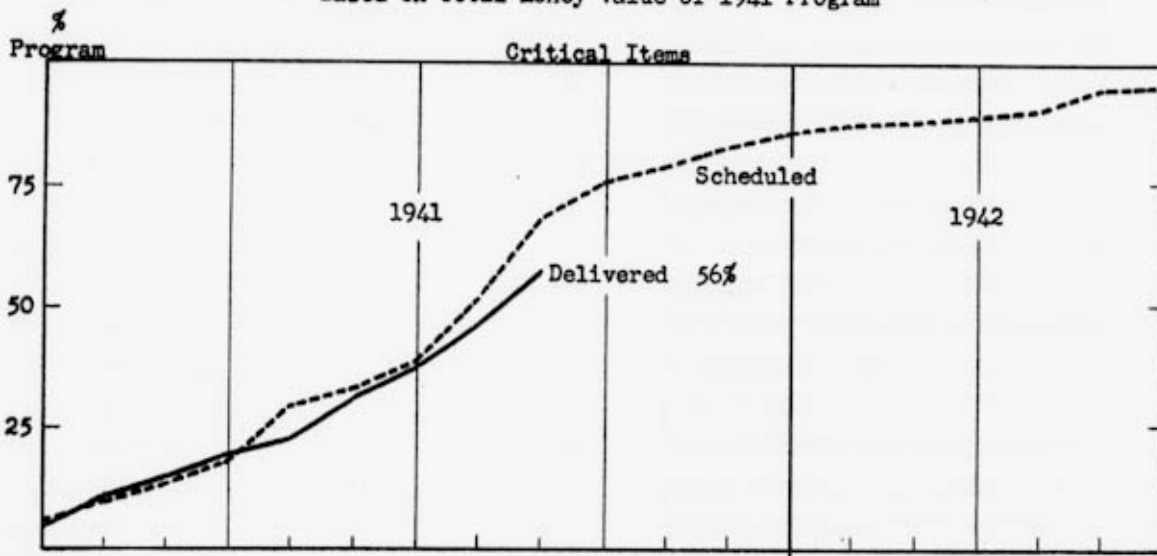
In the week ending September 2, the percentage of sick within the continental limits of the United States was 3.30. There were 3.03 percent in hospital and .27 percent in quarters.



MEDICAL DEPARTMENT - PROCUREMENT PROGRESS - CRITICAL AND SELECTED ITEMS - AUGUST 31, 1941

Source of Information: Medical Department Procurement Progress Reports

Based on Total Money Value of 1941 Program



MEDICAL DEPARTMENT - CRITICAL ITEMS - DELIVERY STATUS F.Y. 1941 PROGRAM - AUGUST 31, 1941

Source of Information: Medical Department Procurement Progress Reports

Item	1941 Program	Percent of program	
		Delivered	Contracted
Forceps, hemo., Kocher, str., 5½"	1,061	100	100
Knife, operating, 1½" blade	5,000	100	100
Knife, operating, 2" blade	1,200	100	100
Knife, operating, det. blade	296,000	100	100
Scissors, double blunt, 6½"	500	100	100
Scissors, iris, full curved	5,700	100	100
X-Ray machine, bedside	77	100	100
Kit strap, cantle ring	142,800	100	100
Kit insert, type I	57,492	100	100
Kit insert, type II	18,000	100	100
Kit strap, litter	108,000	100	100
Kit suspender	64,600	96	100
Sphygmomanometer, mercurial	4,000	90	100
Sphygmomanometer, aneroid	9,630	88	100
Packet, first aid	3,400,000	83	100
Kit pouch, canvas	73,000	82	100
Sterilizer, hosp., instrument	126	80	100
Sterilizer, hospital, dressing	65	75	97
Forceps, towel, 5¼"	97,000	70	100
Splint, Army, leg, half-ring	17,000	69	100
Chest, field, modified	8,000	69	100
Scissors, nasal, angular	3,850	67	86
Sterilizer, hospital, utensil	2,564	66	100
Scissors, tonsil	1,750	66	100
Forceps, hemostatic, Abbey	22,444	63	78
Knife, operating, 1¼" blade	32,500	63	100
Forceps, intest., Doyen, curved	7,000	62	100
Chest, field, plain	18,500	62	100
Forceps, intest., Doyen, str.	8,050	59	100
Forceps, tissue, spring, 4½" blade	41,417	59	100

MEDICAL DEPARTMENT - CRITICAL ITEMS - DELIVERY STATUS F.Y. 1941 PROGRAM - AUGUST 31, 1941

Source of Information: Medical Department Procurement Progress Reports

<u>Item</u>	1941 Program	Percent of program	
		Delivered	Contracted
Forceps, hemostatic, Jones, 5"	7,275	58	100
Sterilizer, hospital, complete	810	58	100
Forceps, tissue, Allis	46,000	57	100
Scissors, bandage	109,710	55	100
Forceps, sponge	90,000	54	100
Retractor, tissue, nested	8,900	54	100
X-Ray, field, table unit	232	54	100
X-Ray Machine, radiographic	535	54	99
Scissors, 1 point sharp, 5½"	25,400	49	100
Forceps, kidney, curved	9,600	45	100
Forceps, hemo., R.-K., str., 6¼"	157,500	44	94
Scissors, double blunt, 5½"	17,600	43	100
Forceps, towel, 3"	13,220	43	100
Scissors, dissec., curved, 5½"	24,800	39	100
Forceps, cystic duct, 7"	2,350	38	100
Forceps, hemo., R.-P., curved	136,500	38	96
Forceps, hemo., H., mos., str., 5"	20,500	36	100
Forceps, tissue, spring, 5½" blade	27,858	36	100
Scissors, 1 point sharp, 4½"	12,600	34	100
X-Ray, field, mobile unit	643	34	99
Scissors, suture	3,000	33	100
Forceps, hemo., R.-O., str., 6¼"	77,000	31	90
Scissors, dissecting, str., 5½"	12,000	30	100
Forceps, hemo., R.-O., str., 7¼"	50,000	29	80
Forceps, hyst., Pean, curved	34,908	28	100
Scissors, iris, angular	4,100	28	100
Retractor, abdom., self-retaining	8,200	26	100
Holder, needle, Hegar-Mayo	38,126	14	100
Forceps, bone-cut., heavy, str.	2,850	10	100
Forceps, bone, rongeur, 10¼"	3,100	6	100
Forceps, bone, rongeur, 7"	3,500	0	100

TEXT SUMMARY - CHEMICAL WARFARE SERVICE - STATUS SEPTEMBER 5, 1941

Source of Information: Chemical Warfare Service Reports

PROGRAM figures in this report include all programs for Fiscal Years 1940, 1941 and 1942.

PRODUCTION: Analysis of the production and delivery reports received from the Chemical Warfare Service this week reveal increases in the deliveries on the majority of the items.

Forty-three per cent of all the "Critical Items" and seventy-eight per cent of all the "Essential Items" carried on the expenditure program are now one hundred per cent contracted. The Service reports that the remaining contracts will be placed in the near future.

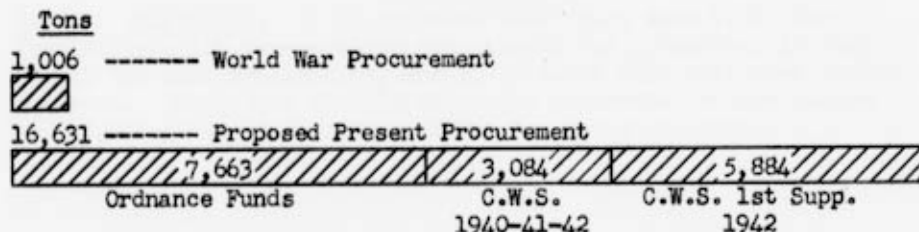
PROTECTOR COLLECTORS: The Chemical Warfare Service has orders for 3,341 Field Collector Protectors and 8,067 additional M1 Canisters, the greater per cent of which are to be used in the Panama, Phillipine and Hawaiian Departments. Additional orders are anticipated by the Service.

The present method of procurement is limited due to the facilities of manufacture. Machine tools are necessary for mass production. Edgewood Arsenal has attempted to obtain these tools with an A-1-e rating but has met with little or no success. An A-1-a priority rating is necessary for September delivery.

WHITE PHOSPHORUS: The First Supplemental National Defense Appropriation Act, Fiscal Year 1942, calls for an expenditure of \$1,765,200 for White Phosphorus, an appropriation for 5,884 additional tons. Previous programs totalled 3,084 tons. Chemical Warfare Service also received funds to purchase 7,663 tons for Ordnance Shell filling.

White Phosphorus is tactically classified as a screening agent although it is used as an incendiary or casualty agent as well. Phosphorus is prepared by heating phosphate rock with sand and coke in an electric furnace. The limiting component is the electrical power. The inserted diagram compares the present procurement program to that of the World War.

WHITE PHOSPHORUS



TEXT SUMMARY - CHEMICAL WARFARE SERVICE - CONTINUED

GAS MASKS: Service Gas Mask assemblies reported delivered this week show as follows: Johnson and Johnson 19,476; Firestone 22,848; Good-year 5,488; Sprague Specialty 2,180. This makes a total delivery of 49,992.

No Diaphragm Gas Masks were delivered this week. Production under the Fifth Supplemental Appropriation Act is scheduled to start the later part of September.

There were no Optical Gas Masks reported delivered. General Tire reports an assembly of 5,880 Training Masks. Firestone has completed its present contract and is not scheduled for further assembly until the later part of September.

EXTRA GAS MASK CANISTERS: The manufacture of Gas Mask Canisters has been impeded because of the inadequate supply of Whetlerite which is the limiting component of this item. In the first quarter of the month reports show delivery of 16,440 Service Canisters and 3,850 Optical Canisters.

MUSTARD GAS: The Mustard Gas for this week is reported as 190.1 tons. This delivery of Mustard Gas makes a total of 552 tons on the savings program.

SHOE IMPREGNITE: The Globe Crayon Company reports a delivery of 333,516 eight-ounce tubes of Shoe Impregnite. There were no deliveries of Protective Ointment reported.

IMPREGNITE "I": Edgewood Arsenal reports production of 9.8 tons of Impregnite "I" of which 7.04 tons were accepted, and the remaining 2.76 tons are still undergoing inspection.

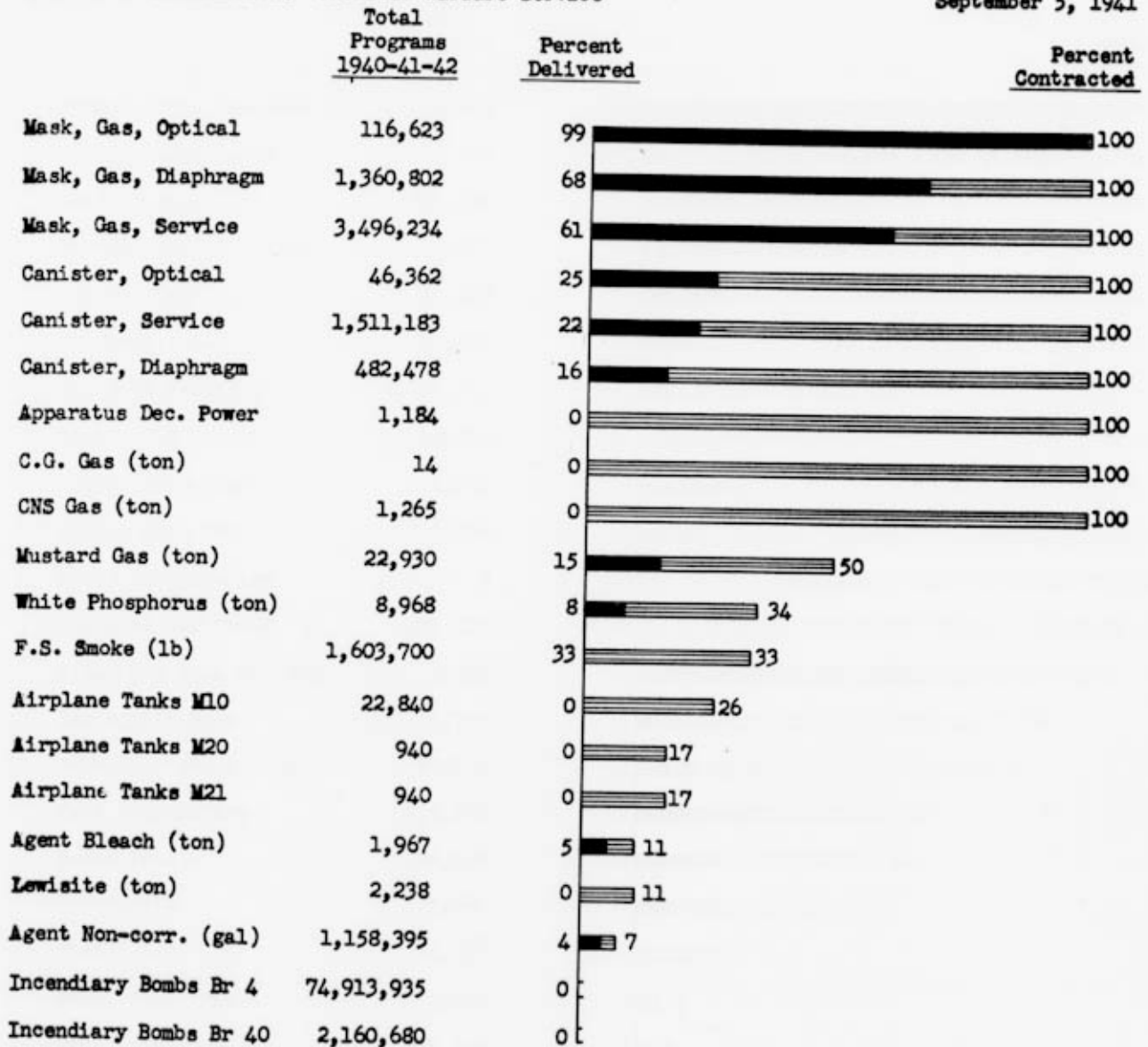
AGENT DEMUSTARDIZING: There were 17,045 gallons of Demustardizing Non-corrosive Agent and 2.02 tons of Demustardizing Bleach delivered in the first quarter of this month according to Edgewood Arsenal reports.

VARIOUS DELIVERIES: It is reported that there were 9,000 Dust Respirators; 100 three-gallon Decontaminating Apparatus; 10 Regimental Gas Mask Repair Kits, and 2,412 Smoke Pots delivered during the week. There were also 38,551 pairs Commercial Rubber Gloves and 52,811 pints of Disinfectant for Gas Masks delivered.

PROCUREMENT PROGRESS  
FISCAL YEARS 1940-41-42  
CRITICAL ITEMS

Source of Information: Chemical Warfare Service

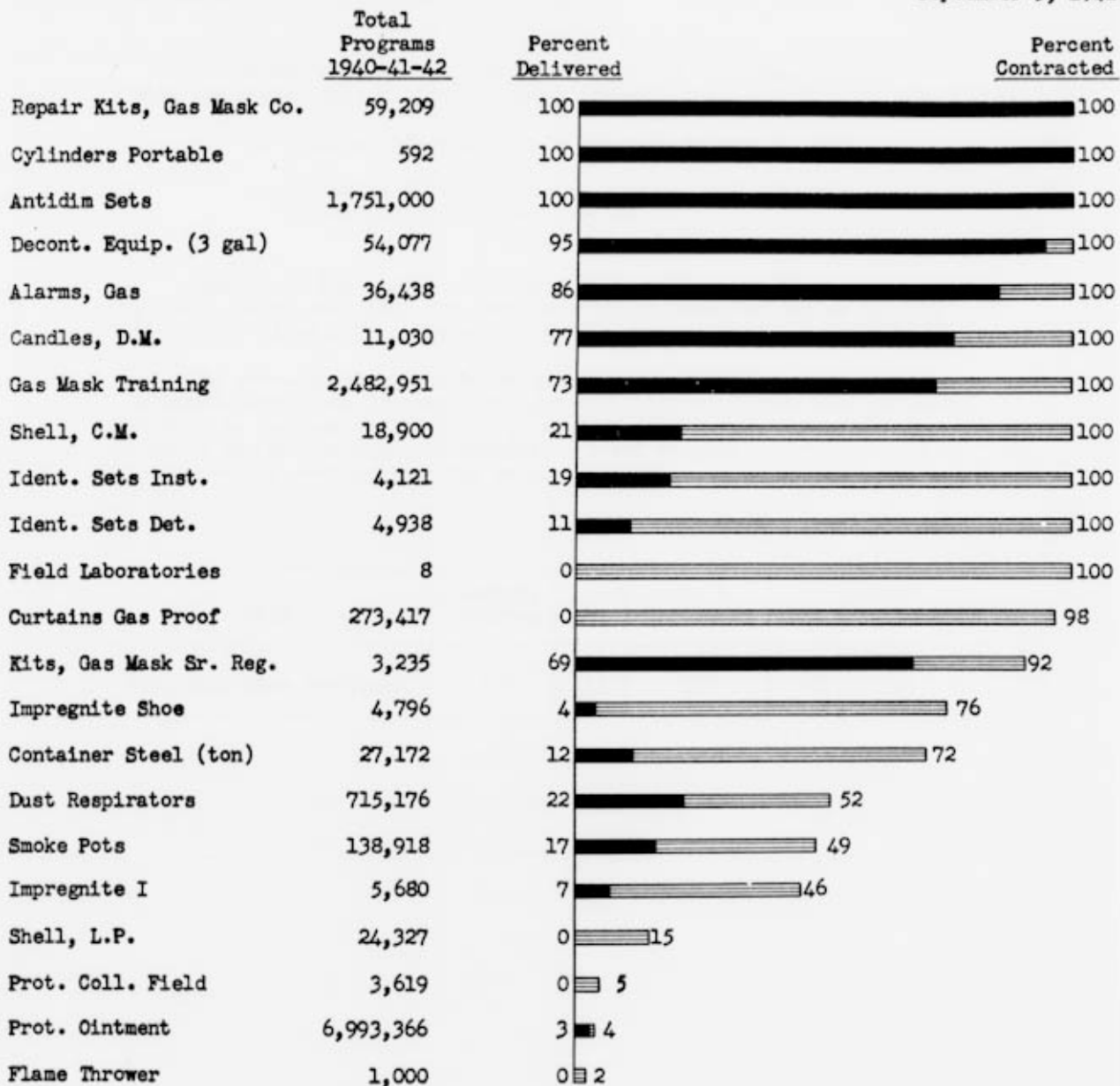
September 5, 1941



PROCUREMENT PROGRESS  
FISCAL YEARS 1940-41-42  
SELECTED ESSENTIAL ITEMS

Source of Information: Chemical Warfare Service

September 5, 1941



TEXT SUMMARY - COAST ARTILLERY CORPS - PROCUREMENT PROGRESS THROUGH SEPTEMBER 8, 1941

Source of Information: Office, Chief of Coast Artillery

The Coast Artillery Expenditure Program is concerned chiefly with the procurement of the following items:

1. Balloon barrages - to be procured by the Air Corps.
2. Submarine mine equipment - procured and assembled by the Coast Artillery Service Army.

Reports on the status of barrage balloon procurement are received in this office monthly. The last information received was as of July 31 and has already been presented in this report.

The procurement of submarine mine equipment has remained ahead of schedule since last January. The present delivery figure was not scheduled to be reached until the first week of next March; therefore the item is six months ahead of schedule. Total completion of this item is scheduled for next April. The present status is shown in the table below.

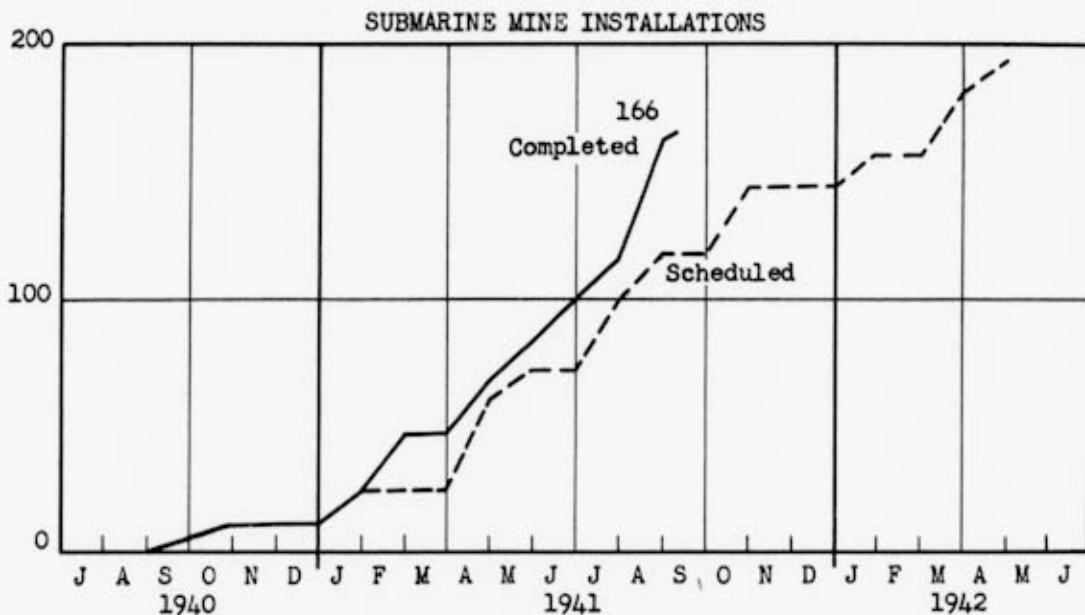
Item	Current program	September 8		Percent	
		Due	Delivered	Due	Delivered
Submarine Mine Equipment	197	116	166	59	84



COAST ARTILLERY CORPS - SUBMARINE MINE INSTALLATIONS - SEPTEMBER 8, 1941

Source of Information: Office, Chief of Coast Artillery

Below is a diagram of the scheduled and completed installations of submarine mine groups. With it is a table of locations and completion dates of the three incomplete projects.



INCOMPLETED GROUPS

<u>Location of project</u>	<u>Number of groups</u>	<u>Completion date</u>
*Delaware Bay	17	Mar '42
Portland	10	Apr '42
Southern New York	4	Apr '42
	31	

\* 8 of 25 completed

RSF  
Ward

September 22, 1941

MEMORANDUM FOR THE PRESIDENT:

Herewith copy No. 12 of the Weekly Statistical  
Report Summary.

*R. W. P. Pitt*

**SECRET**

TO BE KEPT IN THE POSSESSION OF THE OFFICER TO WHOM ISSUED AND LOCKED UP WHEN NOT IN USE.

*PSF War*

## WEEKLY STATISTICAL REPORT

No. 12

**RELEASED**

*Leonard P. Ayres*  
BRIGADIER GENERAL LEONARD P. AYRES  
DIRECTOR, STATISTICS BRANCH

# SUMMARY

Franklin D. Roosevelt Library

**DECLASSIFIED**

**DOD DIR.** 5200.9 (9/27/58)

Date- 3-5-59

Signature- *Carl S. Spicer*

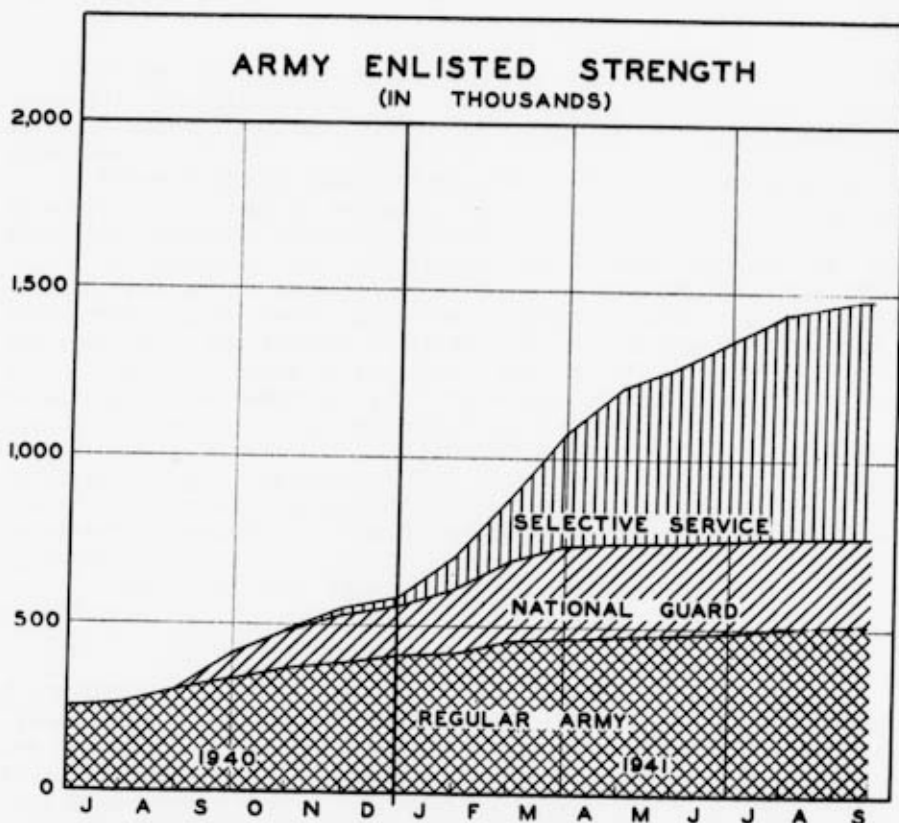
STATISTICS BRANCH  
OFFICE OF THE UNDER SECRETARY OF WAR  
WAR DEPARTMENT

Copy No. SB-1242-1

Issued to THE PRESIDENT

WEEKLY STATISTICAL SUMMARY  
 REPORT # 12  
SEPTEMBER 20, 1941

<u>GENERAL</u>	Page	<u>QUARTERMASTER CORPS</u>	Page
Army Strength .....	1	Text Summary - Quartermaster Proc. ....	26
Editorial Comment .....	2	Diagram: Proc. of Motor Vehicles .....	27
Editorial Comment - Diagram .....	3	Diagram: Status of Animal Procurement .....	28
Factory Payrolls & Dept. Stores ..	4	Text Summary - Q.M.C. Construction .....	29
Raw Materials .....	5	Diagram: Q.M.C. Construction in place .....	30
		Diagram: Q.M.C. Constr. -% of Completion ..	31
<u>DEFENSE AID</u>		<u>SIGNAL CORPS</u>	
Allocations for Facilities .....	6	Text Summary .....	32
British Airplane Orders .....	7	Diagrams:	
<u>ORDNANCE DEPARTMENT</u>		Procurement - Aircraft Comm. ....	33
Text Summary .....	8	Progress of Deliveries .....	34
Index of Ordnance Procurement ....	9	Progress of Deliveries .....	35
Equipment Procurement .....	10	<u>CORPS OF ENGINEERS</u>	
Equipment -Ahead & Behind Schedule	11	Text Summary - Procurement Progress .....	36
Deliveries&Sched.-Rifles & Mortars	12	Diagrams:	
Tactical Equip.-Initial Req. ....	13	Status of Six Selected Items .....	37
Tactical Equip.-Total Requirements	14	60" Searchlight Deliveries .....	38
Ammunition Procurement .....	15	Air Corps Construction .....	39
Ammunition-Delivered & Contracted.	16	<u>MEDICAL DEPARTMENT</u>	
Ammunition-Delivered & Contracted.	17	Text Summary .....	40
<u>AIR CORPS</u>		Diagrams:	
Text Summary-Behind Contract Sched	18	Selected Items - Delivery Status ..	41
Diagram:		Selected Items - Delivery Status ..	42
Deliveries- Ahead & Behind	19	Selected Items - Delivery Status ..	43
Text Summary-Behind Contract Sched	20	<u>CHEMICAL WARFARE SERVICE</u>	
Diagrams:		Text Summary .....	44
Engines-Ahead & Behind ..	21	Diagrams:	
Airplane Gains & Losses .	22	Index of Procurement .....	45
Heavy Bomber Deliveries .	23	Progress of Deliveries .....	46
Tab. Sum. - Parachute & Barrage		Progress of Deliveries .....	47
Procurement .....	24	<u>COAST ARTILLERY CORPS</u>	
Tab. Sum. - Air Corps & Labor ....	25	Diagram: Procurement Progress .....	48



Army strength is the basis for computing requirements for many articles to be procured. The data from July, 1940 to September 18, 1941 are shown in the diagram and table. They refer to enlisted strength at the end of each month, with the exception of the final preliminary figure.

	Total		Total		Total
Jul 1940	268,941	Jan 1941	693,578	Jul 1941	1,429,188
Aug	302,968	Feb	873,667	Aug	1,472,000
Sep	407,613	Mar	1,068,030	Sep 18	1,487,000
Oct	483,218	Apr	1,205,873		
Nov	540,695	May	1,265,211		
Dec	573,520	Jun	1,361,462		

Source of Information: Statistics Branch, General Staff, September 18, 1941

Army Strength

TEXT SUMMARY - EDITORIAL COMMENT - Tallied from a uniform list of leading papers in cities of the 12 Federal Reserve Districts, by weeks ended each Wednesday.

Source of Info.: Dept. Research & Economics - Cleveland Trust Co. Sept. 17, 1941

Editorial comment on the President's broadcast has been universally favorable. The majority of the commentators has continuously supported the Administration's foreign policy, but apparently never more whole heartedly than now.

Freedom of the seas is commended as a policy grounded in American history, and repeal or revision of the Neutrality Act is urged by a considerable number of the commentators.

Criticism of the progress of the defense program has diminished greatly. Part of the explanation is that the commentators, who for the most part reserved judgement about the creation of SPAB, are now considerably impressed with the initial activities of that Board. They commend, in general, the stand taken by the Board against "business as usual" and, in particular, the undertaking of the survey of requirements. Advocacy of a single defense authority has subsided.

Concern about inflation has increased. The commentators urge action on price control legislation and continue to emphasize the dangers they consider inherent in rising farm prices and widespread wage increases. Secretary Morgenthau's speech in Boston has caused general comment and approval.

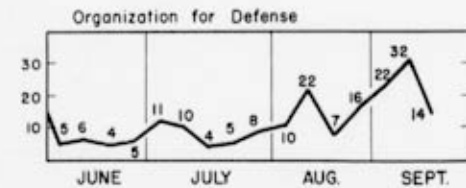
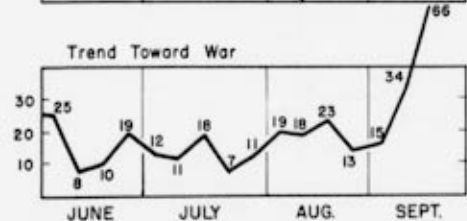
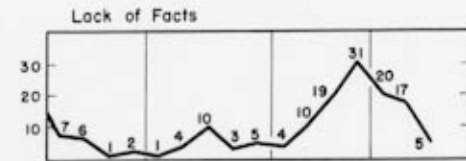
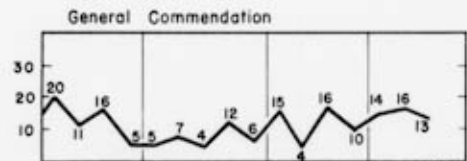
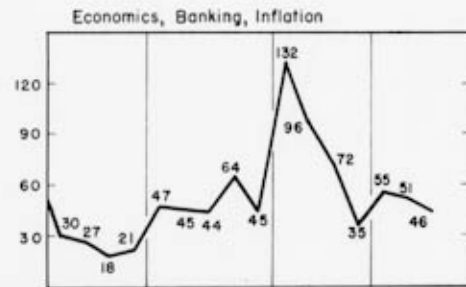
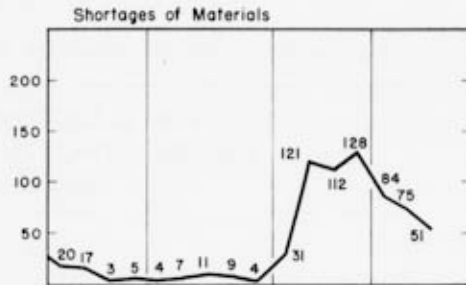
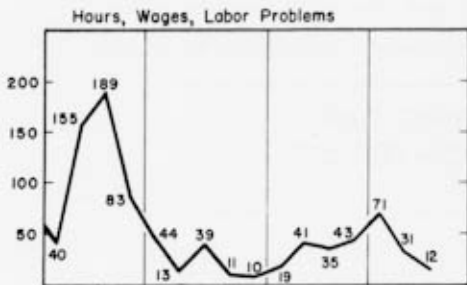
Fear of war with Japan, never at any time very great, has once more diminished.

TABULAR SUMMARY

TREND TOWARD WAR	Tallies	ECONOMICS, INFLATION	GENERAL CRITICISM
We are trending	7	Inflation danger	13
We are not trending	2	Can be controlled	2
Inforce seas freedom	27	For control legislation	2
More navy participation	5	Inflation is here	2
War not inevitable	1	Cut Govt. spending	7
Govt. wants war	2	Keep farm prices down	7
Govt. does not want war	1	For price-wage control	3
We are at war	2	Against forced savings	1
War is up to Hitler	4	Bonds selling badly	1
Do not go to war	3	Make more attractive	1
Japanese war danger	1	For broad tax base	2
Small danger from Japan	3	For community property	1
Greer not war cause	3	Against com. property	1
Seafarer not war cause	2	For sales taxes	1
Sessa not war cause	2	Against sales taxes	1
Hunt Greer attacker	1	For a pay roll tax	1
MATERIAL SHORTAGES	51	GOVT. AND BUSINESS	7
THE EMERGENCY	26	AID FOR BRITAIN	2
LACK OF FACTS	5	ST LAWRENCE SEAWAY	1
			GENERAL COMMENDATION 13
			ORGANIZATION PROBLEMS 14
			HOURS, WAGES, LABOR 12

EDITORIAL COMMENT ON PROGRESS OF PREPAREDNESS - Talled from a uniform list of papers in large cities of the 12 Federal Reserve Districts by weeks ended each Wednesday.

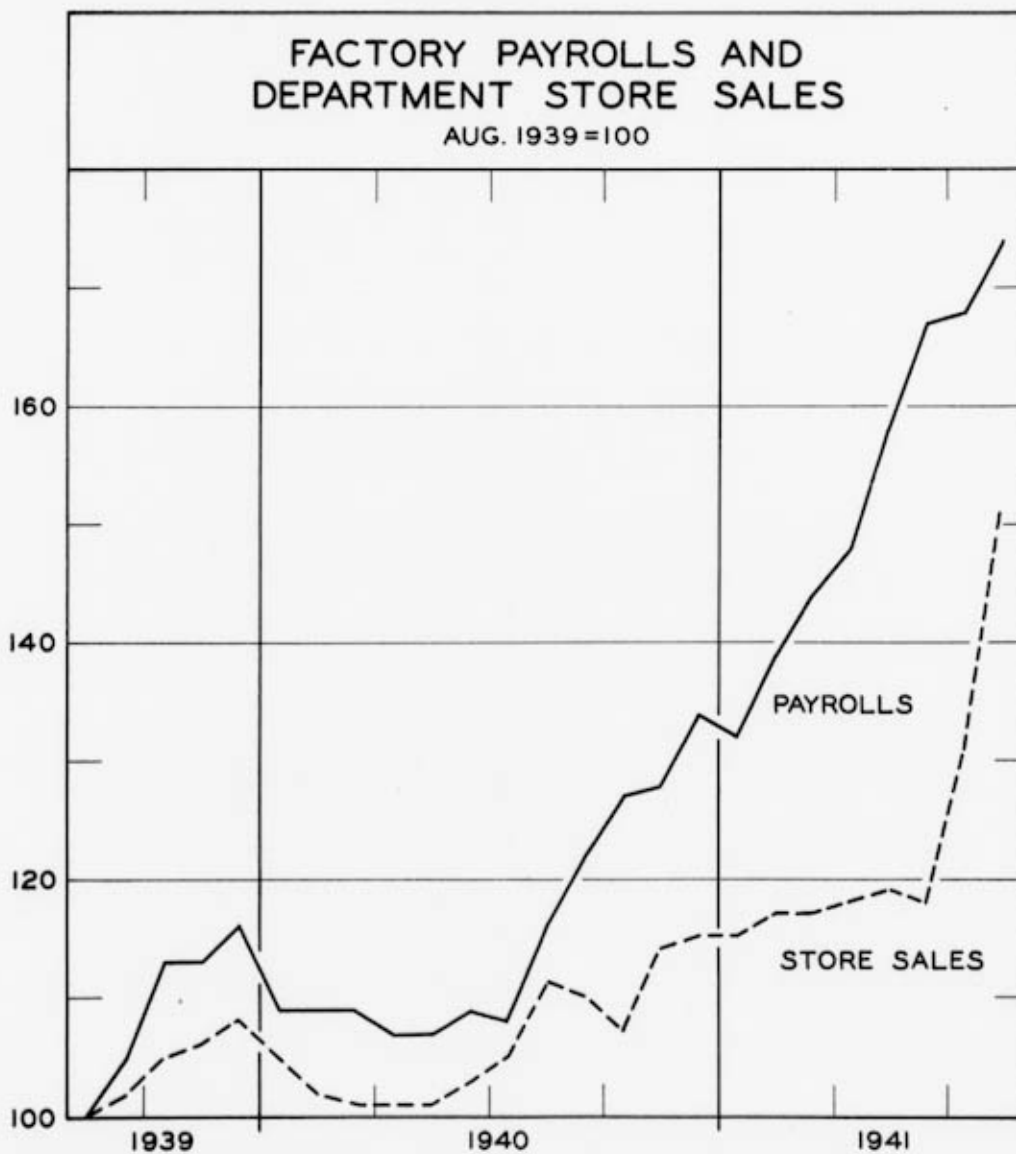
Source of Information: Department of Research and Economics - Cleveland Trust Company



### FACTORY PAYROLLS AND DEPARTMENT STORE SALES

Department store sales have risen nearly 30 percent in the past two months. This increase occurred in spite of the fact that normally July and August are very low months. One of the causes of the rise in such sales is the rapid increase in factory payrolls during the past year. Factory payrolls increased 50 percent from August 1940 to August 1941.

Source of Information: Bureau of Labor Statistics and Federal Reserve Board





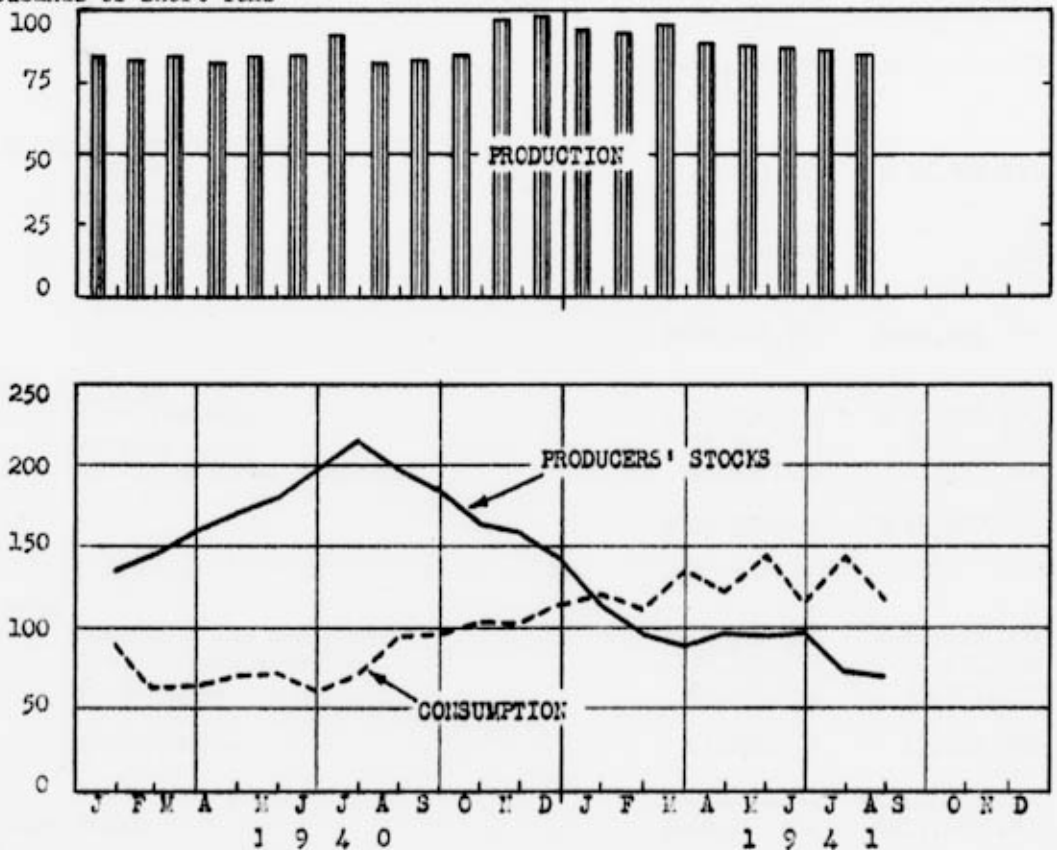
COPPER SHORTAGE

Source of Information: Copper Institute.

A copper shortage in excess of 250,000 short tons is indicated by statistics of requirements and production for 1941. Production of refined copper in the United States is estimated at 1,475,800 tons, which with an estimated importation of 147,500 tons makes 1,623,300 tons available for requirements of 1,878,000 tons. Ample unmined copper reserves in the United States and foreign countries are available, but it will require additional capital and transportation facilities to exploit them.

Consumption of refined copper was 1,010,198 short tons during the first 8 months of 1941. If this rate of consumption continues, 1941 consumption will approximate 1,500,000 tons. This figure, however, may be reached only by the depletion of producers' stocks of refined copper. Such stocks amounted to only 72,154 tons at the end of August 1941, compared with 142,772 tons at the end of 1940 and 159,485 tons at the end of 1939.

United States Production, Consumption, and Stocks of Refined Copper  
Thousands of Short Tons



DEFENSE AID - ALLOCATIONS FOR FACILITIES - AUGUST 31, 1941

Source of Information: Defense Aid Allocation Letters

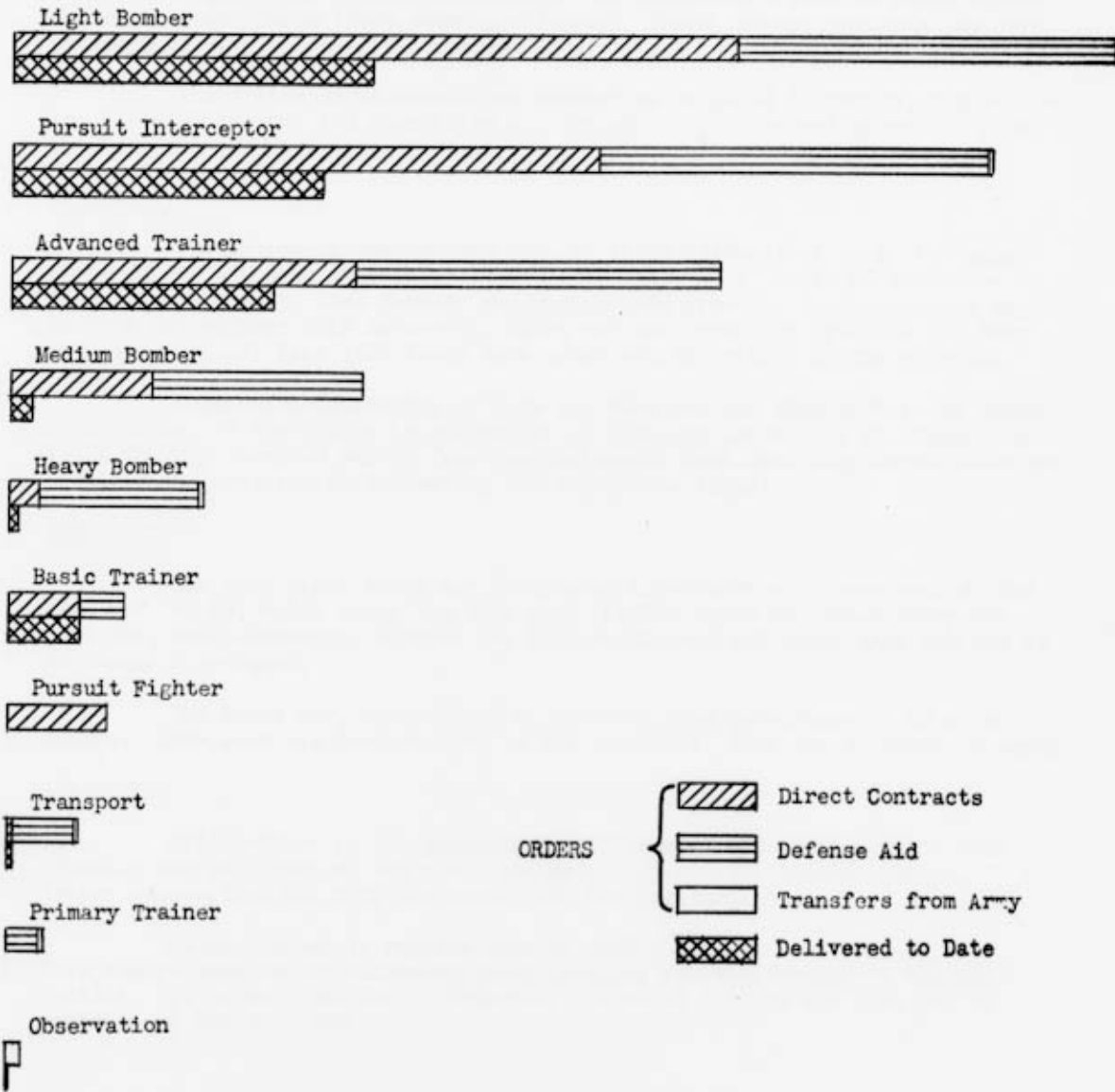
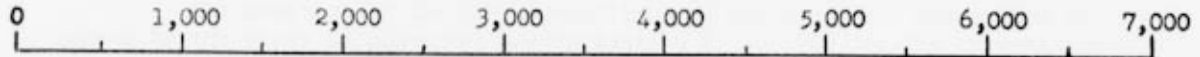
The table below shows allocations for Defense Aid facilities. The ratio of "Amount Allocated" to "Estimated Cost" indicates the proportion of the total plant which is expected to be used for Defense Aid production. The balance of the cost is to be financed from the same funds as the U.S. facilities program.

With the exception of "Air Services", all allocations shown are from the appropriation category, "Facilities and Equipment."

<u>Ammunition and Explosives</u>	<u>Number of Allocations</u>	<u>Amount Allocated</u>	<u>Estimated Cost</u>
Shell Loading	4	\$57,800,000	\$149,500,000
Explosives and Propellants	11	65,090,000	179,925,000
Chemical Warfare	2	18,917,200	47,293,000
Fuze, Booster, Primer and Detonator	1	13,400,000	33,500,000
Proving Ground	1	6,000,000	15,000,000
Bag Loading	1	5,800,000	14,500,000
Loading Docks, Storage and Handling	3	21,353,000	21,353,000
		\$188,360,200	\$461,071,000
<u>Aircraft Manufacturing</u>			
Bombers	6	\$ 48,711,353	\$ 84,981,155
Propellers	4	12,356,879	27,645,670
Engines	3	32,265,169	62,570,713
Instruments	1	5,400,000	20,368,393
Turrets	1	2,408,336	8,725,839
		\$102,141,737	\$204,291,770
<u>Air Services</u>			
Pilot Training		\$ 33,706,330	\$ 33,706,330
Ferrying		31,844,200	31,844,200
Six Air Schools, Complete		21,337,165	21,337,165
		\$ 86,887,695	\$ 86,887,695
<u>Total</u>			
Ammunition and Explosives		\$188,360,200	\$461,071,000
Aircraft Manufacturing		102,141,737	204,291,770
Air Services		86,887,695	86,887,695
Machine Tools		63,153,002	63,153,002
GRAND TOTAL		\$440,542,634	\$815,403,467

ORIGIN AND DELIVERIES - BRITISH AIRPLANE ORDERS - PERIOD ENDED AUGUST 31, 1941

Source of Information: Consolidated Statistical Report, Air Corps



ORDERS

- Direct Contracts
- Defense Aid
- Transfers from Army
- Delivered to Date

TEXT SUMMARY - ORDNANCE DEPARTMENT - SEPTEMBER 20, 1941

Source of Information: Ordnance Department, General Staff and OUSW

GENERAL

The addition of the large quantities of equipment and ammunition financed by the First Supplemental appropriation, F. Y. 1942, to the current procurement program, has reduced appreciably the procurement indexes shown on the following page, below those shown previously. These indexes indicate the percentages of completion of the current program.

The tables on equipment and ammunition on pages 10 and 15, respectively, likewise include the quantities authorized for procurement under the First Supplemental appropriation.

EQUIPMENT

Production of the caliber .30, M1 rifle (Garand) is to be increased above 43,000 a month, from about 31,000 currently, as a result of expansion by Winchester Repeating Arms Company and Springfield Armory. The diagram on page 12 does not reflect this expansion, since revised schedules have not yet been reported. Fiscal Year 1942 funds have added 442,165 rifles to the program.

Cumulative deliveries of both the 60mm and the 81mm mortar are ahead of schedule. A sharp drop in deliveries of 60mm mortars to 162 in August from 1,404 in July resulted partly from the failure of Read Machinery Corporation to complete its contract by delivering 311 mortars in August.

RESOURCES

The only light tanks now considered a resource are those models, the M2A4 and the M3, which carry the 37mm gun. Medium tanks M3, which carry the 75mm gun, are a resource, whereas the M2A1 model does not carry this gun and is no longer a resource.

The scout car, model M3A1, is the only type considered to be a resource. This item has been changed to the essential, from the critical category.

AMMUNITION

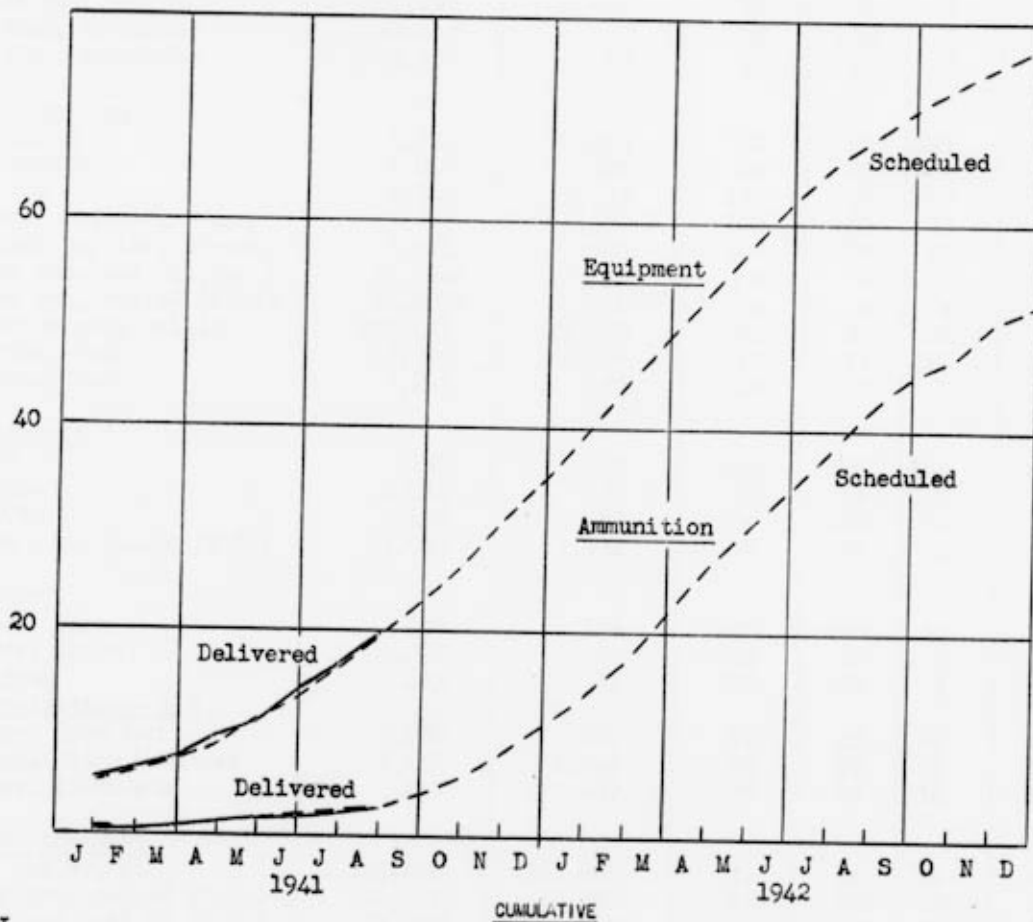
Difficulties in the production of 37mm shot and shell are the heat treating and machining of the shot, the metal primer, the limited tetryl, tracer composition and TNT, and restricted loading facilities.

It is planned to replace 90mm AA shell, H.E., M58 with the M71. This change consists of different specifications for the forging of the projectile. It is expected that outstanding contracts for the M58 type can be modified to the M71 model.

PROCUREMENT INDEXES - AUGUST 31, 1941

Source of Information: Industrial Service, Ordnance Department

The indexes of equipment and ammunition represent the percentage completion of the current procurement program, including quantities in the Defense Aid Program reported by the Ordnance Department. The current procurement program consists of quantities being purchased with Fiscal Year 1940, 1941 and 1942 funds.



		CUMULATIVE																							
		1941												1942											
		J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D
EQUIPMENT																									
DELIVERED		5	6	8	10	11	14	17	20																
SCHEDULED		5	6	7	9	12	14	17	20	23	27	31	35	40	44	49	54	58	62	66	69	71	74	76	78
AMMUNITION																									
DELIVERED		.4	.5	1	1	2	2	2	3																
SCHEDULED		.5	.5	1	1	2	2	2	3	4	6	8	11	14	17	22	26	31	34	38	42	45	48	51	52

TABULAR SUMMARY - ORDNANCE - EQUIPMENT PROCUREMENT - AUGUST 31, 1941

Source of Information: Fiscal Division and Industrial Service, Ordnance Department

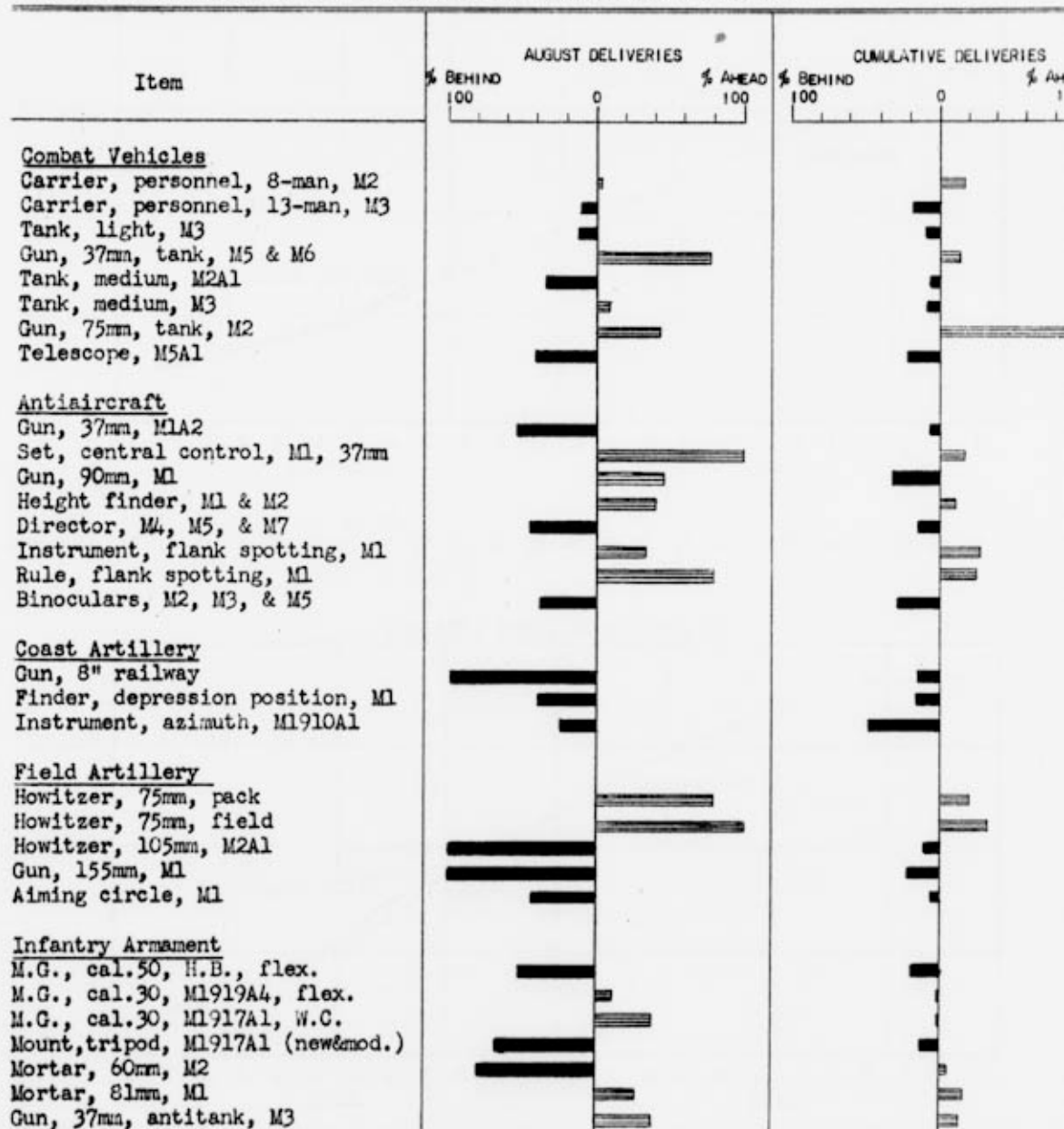
Item	Total procurement program	Preliminary deliveries thru Sept 8	Percent of total program			
			Con-tracted	Sched-uled	Due Aug 31	Deliv-cred
<u>Aircraft Armament</u>						
Machine gun, cal.30	90,148	8,242	100	100	9	9
Machine gun, cal.50	207,920	16,694	79	79	8	8
Gun, 20mm, automatic	47,663	0	100	100	0	0
Gun, 37mm, automatic	2,907	93	99	99	3	3
<u>Combat Vehicles</u>						
Tank, light	5,919	1,553	80	80	27	26
Tank, medium	9,848	230	48	29	2	2
Scout car	2,840	2,633	100	93	93	93
Personnel carrier, 8-man	5,792	1,559	100	100	21	27
Personnel carrier, 13-man	5,521	520	100	89	11	9
Machine gun, cal.30 (Var.)	79,964a	a	a	a	a	a
Machine gun, cal.50 (H.B.)	11,903a	a	a	a	a	a
Submachine gun, cal.45	278,421	84,058	89	89	29	30
Gun, 37mm, tank	13,216	2,699	57	57	18	20
Gun, 75mm, tank	7,264	189	38	38	1	3
<u>Antiaircraft</u>						
Gun, 3"	152	150	100	100	100	99
Gun, 90mm	2,314	25	55	55	1	1
Gun, 37mm	3,195	468	100	100	16	15
Machine gun, cal.50 (W.C.)	25,063	1,534	76	76	6	6
<u>Artillery</u>						
Howitzer, 75mm	958	156	100	100	13	16
Howitzer, 105mm	4,299	61	88	74	2	1
Gun, 155mm	493	18	100	100	5	4
<u>Modernization - H.S.</u>						
Carriage, 75mm gun	2,680	684	50	40	22	26
Carriage, 155mm howitzer	1,442	1,026	99	99	71	71
Carriage, 155mm gun	847	100	78	78	14	12
<u>Infantry Armament</u>						
Rifle, cal.30, M1	1,295,856	263,666	71	54	19	20
Machine gun, cal.30 (Var.)	154,979b	42,858b	85b	66b	27b	28b
Machine gun, cal.50 (H.B.)	31,699b	1,563b	94b	94b	6b	5b
Gun, 37mm, antitank	9,478	707	100	99	7	7
Mortar, 60mm	11,162	4,940	100	91	42	44
Mortar, 81mm	4,705	1,262	95	95	23	27

a Included in Infantry Armament. Deliveries not reported separately.

b Figures include Armament for Combat Vehicles.

ORDNANCE DELIVERIES - ITEMS AHEAD AND BEHIND SCHEDULES - AUGUST 31, 1941

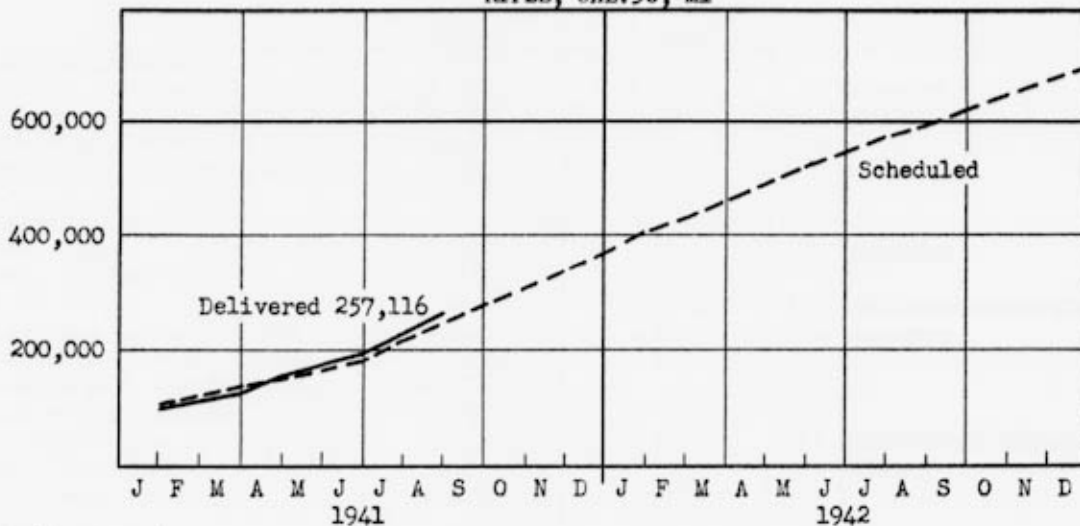
Source of Information: Industrial Service, Ordnance Department



INFANTRY ARMAMENT - DELIVERIES AND SCHEDULES - AUGUST 31, 1941

Source of Information: Industrial Service, Ordnance Department

RIFLE, CAL.30, M1

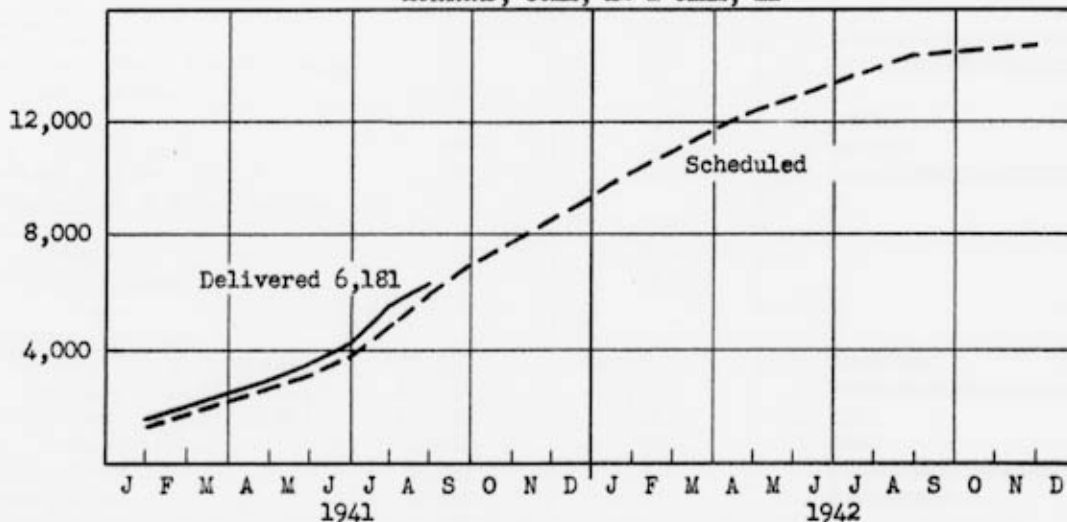


CUM. (TEN THOUS.)

DELIVERED 10 11 13 15 17 20 23 26

SCHEDULED 10 12 13 15 16 19 22 25 28 31 34 37 40 43 46 49 52 55 57 60 62 65 67 70

MORTARS, 60MM, M2 & 81MM, M1



CUM. (THOUSANDS)

DELIVERED 1 2 2 3 3 4 5 6

SCHEDULED 1 2 2 3 3 4 5 5 7 8 8 9 10 11 12 12 13 13 14 14 14 15 15



ORDNANCE - INITIAL REQUIREMENTS - TACTICAL EQUIPMENT - SEPTEMBER 15, 1941

Source of Information: Statistics Branch & G-4, General Staff

Item	Initial requirements 1,820,000 Men Number	Stocks in hands of Field Service Number	Percent of requirements						
			%	0	20	40	60	80	100%
<u>Aircraft Armament</u>									
Machine gun, cal.30,fix.&fl.	33,946	11,021	32						
Machine gun, cal.50,fix.&fl.	60,531	14,936	25						
Gun, 20mm, automatic A.C.	1,413	0	0						
Gun, 37mm, automatic A.C.	2,021	54	3						
<u>Combat Vehicles</u>									
Tank, light	2,389	810b	34						
Tank, medium	1,046	24c	2						
Scout car	2,083	2,539d	122						
Personnel carrier, 8-man	3,413	1,150	34						
Personnel carrier, 13-man	4,517	237	5						
Machine gun, cal.30 (Var.)	30,674a	a	-						
Machine gun, cal.50 (H.B.)	5,734a	a	-						
Submachine gun, cal.45	26,705	22,710	85						
Gun, 37mm, tank	3,427	930	27						
Gun, 75mm, tank	1,020	11	1						
<u>Antiaircraft</u>									
Gun, 3" } Gun, 90mm }	1,177	552	49						
Gun, 37mm, A.A.	2,552	444	17						
Machine gun, cal.50 (W.C.)	17,065	1,184	7						
<u>Artillery</u>									
Gun, 75mm (H.S.)	836	655	78						
Howitzer, 75mm, field & pack	177	187	106						
Howitzer, 105mm	2,457	54	2						
Gun, 155mm	95	17	18						
Gun, 155mm (H.S.)	587	144	25						
Howitzer, 155mm (H.S.)	739	1,167	158						
<u>Unmodified &amp; other models</u>									
Gun, 75mm	-	2,725	-						
Gun, 155mm	-	825	-						
Howitzer, 155mm	-	772	-						
<u>Infantry Armament</u>									
Rifle, cal.30, M1, semiauto.	838,601	262,343	31						
Machine gun, cal.30 (Var.)	49,737	38,262	77						
Machine gun, cal.50 (H.B.)	14,737	2,181	15						
Gun, 37mm, antitank	4,892	728	15						
Mortar, 60mm	4,747	3,916	82						
Mortar, 81mm	2,340	1,079	46						

a Included in Infantry Armament.

Stocks exclude substandard models formerly included: (b) 464, (c) 103, (d) 153.

ORDNANCE - TOTAL REQUIREMENTS - TACTICAL EQUIPMENT - SEPTEMBER 15, 1941

Source of Information: Statistics Branch & G-4, General Staff

Item	Total requirements 3,820,000 Men Number	Stocks in hands of Field Service Number	Percent of requirements	
			%	
<u>Aircraft Armament</u>				
Machine gun, cal.30,fix.&fl.	44,269	11,021	25	
Machine gun, cal.50,fix.&fl.	132,534	14,936	11	
Gun, 20mm, automatic, A.C.	4,253	0	0	
Gun, 37mm, automatic, A.C.	2,883	54	2	
<u>Combat Vehicles</u>				
Tank, light	4,946	810b	16	
Tank, medium	2,827	24c	1	
Scout car	4,299	2,539d	59	
Personnel carrier, 8-man	7,896	1,150	15	
Personnel carrier, 13-man	8,647	237	3	
Machine gun, cal.30 (Var.)	69,409a	a	-	
Machine gun, cal.50 (H.B.)	13,398a	a	-	
Submachine gun, cal.45	56,233	22,710	40	
Gun, 37mm, tank	7,878	930	12	
Gun, 75mm, tank	2,797	11	-	
<u>Antiaircraft</u>				
Gun, 3" } Gun, 90mm }	1,856	552 } 23 }	31	
Gun, 37mm, A.A.		444		
Machine gun, cal.50 (W.C.)	22,966	1,184	5	
<u>Artillery</u>				
Gun, 75mm (H.S.)	1,778	655	37	
Howitzer, 75mm, field & pack	254	187	74	
Howitzer, 105mm	3,733	54	1	
Gun, 155mm	283	17	6	
Gun, 155mm (H.S.)	969	144	15	
Howitzer, 155mm (H.S.)	1,037	1,167	113	
<u>Unmodified &amp; other models</u>				
Gun, 75mm	-	2,725	-	
Gun, 155mm	-	825	-	
Howitzer, 155mm	-	772	-	
<u>Infantry Armament</u>				
Rifle, cal.30, M1, semiauto.	1,539,512	262,343	17	
Machine gun, cal.30 (Var.)	107,943	38,262	35	
Machine gun, cal.50 (H.B.)	32,146	2,181	7	
Gun, 37mm, antitank	9,523	728	8	
Mortar, 60mm	7,957	3,916	49	
Mortar, 81mm	4,566	1,079	24	

a Included in Infantry Armament.

Stocks exclude substandard models formerly included: (b) 464, (c) 103, (d) 153.

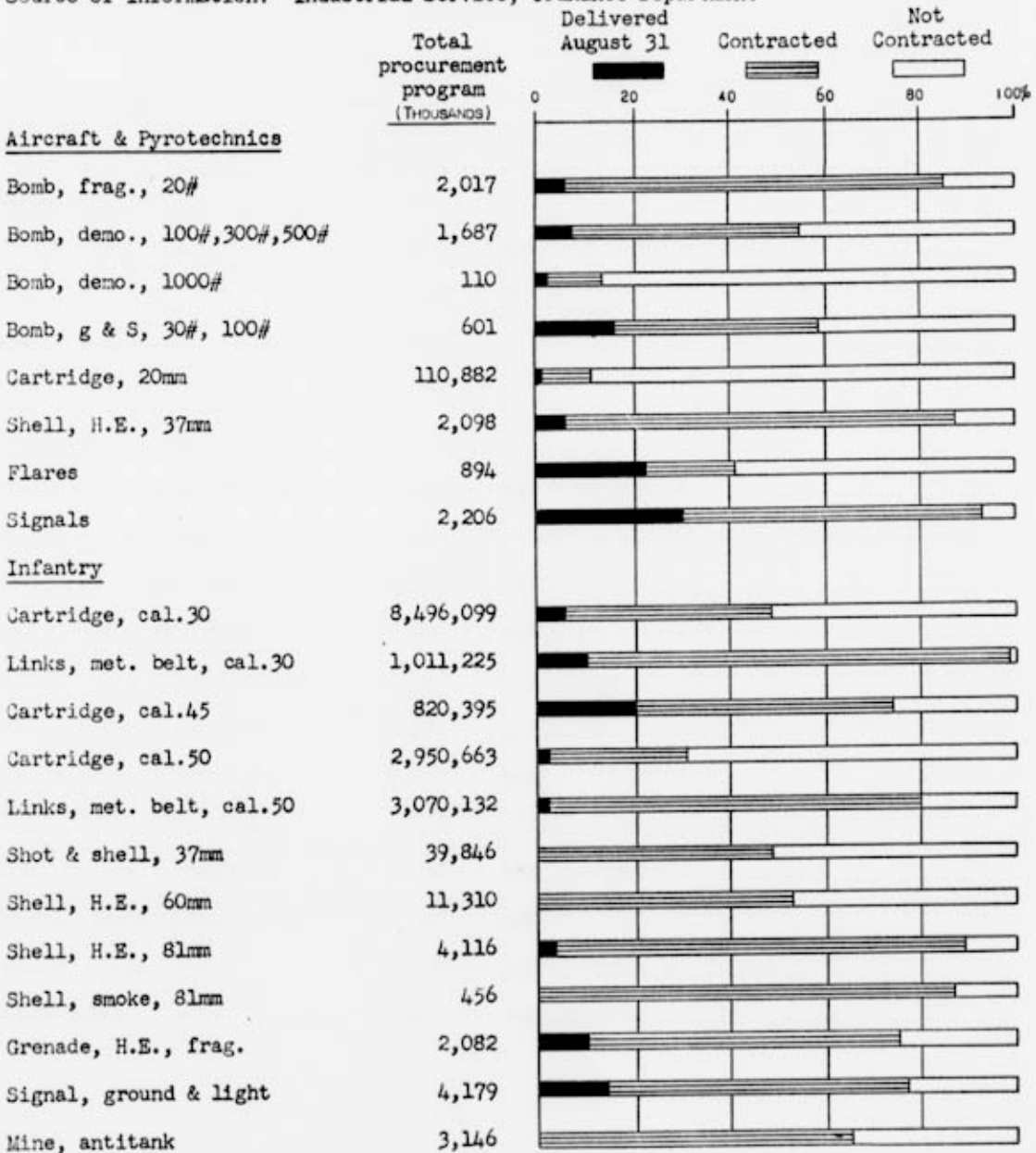
TABULAR SUMMARY - ORDNANCE - AMMUNITION PROCUREMENT - AUGUST 31, 1941

Source of Information: Industrial Service, Ordnance Department

Item	Total procurement program (THOUSANDS)	Preliminary deliveries thru Sep 8 (THOUSANDS)	Percent of total program			
			Con-tracted	Sched-uled	Due Aug 31	Deliv-ered
<u>Aircraft &amp; Pyrotechnics</u>						
Bomb, frag., 20#	2,017	131	85	100	9	6
Bomb, demo., 100#, 300#, 500#	1,687	115	55	58	9	7
Bomb, demo., 1000#	110	2	13	13	0	2
Bomb, g & s, 30#, 100#	601	103	59	83	32	17
Cartridge, 20mm	110,882	735	11	4	-	1
Shell, H.E., 37mm	2,098	122	87	90	6	6
Flares	894	202	41	41	26	23
Signals	2,206	669	93	93	34	30
<u>Antiaircraft</u>						
Shell, 37mm, H.E.	17,695	391	72	31	1	2
Shell, 3", H.E.	2,243	48	89	100	3	2
Shell, 90mm, H.E.	3,055	3	58	78	-	-
<u>Artillery</u>						
Shell, H.E., s c, 75mm gun	2,285	97	60	65	4	4
Shell, g & s, 75mm gun	1,108	10	97	99	1	1
Shot, A.P., 75mm gun	8,388	0	19	10	0	0
Shell, H.E., 75mm how.	4,279	249	99	100	6	6
Shell, H.E., 105mm how.	19,710	62	37	25	-	-
Shell, H.E., 155mm gun	1,358	0	72	57	0	0
Charge, prop., 155mm gun	2,248	225	48	49	10	10
Shell, H.E., 155mm how.	4,360	5	72	99	-	-
Shell, g & s, 155mm how.	1,370	324	65	90	24	24
Charge, prop., 155mm how.	6,547	843	70	86	11	13
Primer, 21 gr.	11,140	99	76	73	1	1
Fuzes (All)	13,699	3,083	80	81	22	22
<u>Infantry</u>						
Cartridge, cal.30	8,496,099	511,397	49	56	6	6
Links, met. belt, cal.30	1,011,225	104,208	99	99	10	10
Cartridge, cal.45	820,395	171,085	74	74	20	21
Cartridge, cal.50	2,950,663	60,680	31	31	2	2
Links, met. belt, cal.50	3,070,132	64,766	80	80	3	2
Shot & shell, 37mm	39,846	187	49	18	-	-
Shell, H.E., 60mm	11,310	39	53	42	-	-
Shell, H.E., 81mm	4,116	116	89	92	3	3
Shell, smoke, 81mm	456	0	87	94	0	0
Grenade, H.E., frag.	2,082	218	75	81	3	10
Signals, ground & light	4,179	575	77	81	18	14
Mine, antitank	3,146	0	65	65	0	0

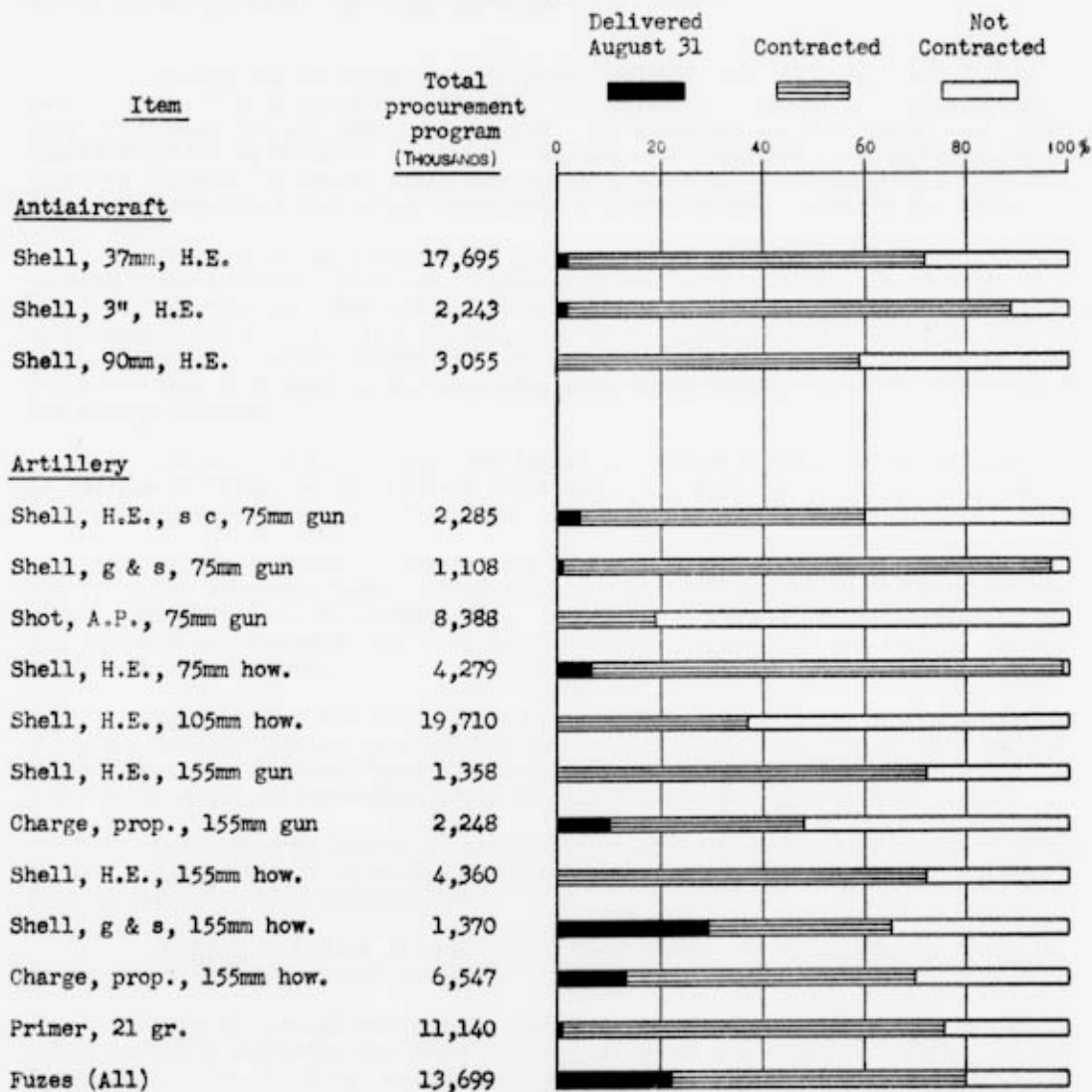
AMMUNITION - DELIVERED AND CONTRACTED - AUGUST 31, 1941

Source of Information: Industrial Service, Ordnance Department



AMMUNITION - DELIVERED AND CONTRACTED - AUGUST 31, 1941

Source of Information: Industrial Service, Ordnance Department



TEXT SUMMARY - PROJECT AIRPLANES BEHIND CONTRACT SCHEDULE - AUGUST 31, 1941

Source of Information: Materiel Division - Air Corps

Production of B-17E heavy bombers by Boeing fell an additional 40 units behind contract schedule during August. The contractor reports time lost by non-receipt of bearings and punch press parts. In addition, the leak proof fuel tank liners supplied by Goodrich for this model have been defective. Consolidated's B-24 type was retarded by raw material shortages for cables, terminals, steel rods and bars. Subcontractor deliveries were slow in pumps, valves, fittings and nuts.

Permission has been granted North American to deliver B-25B medium bombers without upper turrets. This should accelerate delivery of this type which is 74 units behind schedule. New production on B-25B's is also held up by lack of generators, wheels and brakes. In addition, many of the models already accepted will have to be reworked to correct defective mounting bolts and landing gears. Martin continues to face shortages of accumulators, nose shock struts and other components for its medium bombers.

All efforts by Douglas have failed to produce a satisfactory solution to cooling difficulties in its A-20 light bombers. Shortage of carburetors and fuel pumps retards its A-24 production.

Stainless steel welders cannot be obtained either by Lockheed or by the plants of its subcontractors. Other shortages at Lockheed consist of aluminum and steel sheet, fittings and instruments. Incomplete but approved assemblies are being produced and stored at Lockheed until numerous engineering and tooling difficulties can be overcome.

Bell reduced its delinquency by 43 units during August. Current deliveries are largely limited by availability of propellers. Republic reports particular trouble in obtaining hydraulic equipment, aluminum and steel. Its P-43A model is retarded by carburetor tests and its P-47B model by propeller tests.

Deficiency in output of observation planes was reduced by 33 units during August. Vultee reports propeller shortages, but Curtiss appears to have solved most of its production difficulties.

Douglas is behind in delivery of C-47 transports on account of delay in completion of its Long Beach plant.

Ryan is now 442 units behind schedule in primary trainers. It has 22 units partially completed but awaiting propellers and gas selector valves. It has 89 other units on the final assembly floor in various stages of completion.

Production of Curtiss' advance trainers is behind on account of incomplete tooling, lack of facilities, personnel trouble and engineering changes. Shortage of skilled labor and steel are current problems at Beech which is 414 advance trainers behind schedule.

PROJECT AIRPLANE DELIVERIES - AHEAD AND BEHIND CONTRACT SCHEDULE - AUGUST 31, 1941

Source of Information: Consolidated Statistical Report - Air Corps

	Number Behind	Number Ahead
<u>Heavy Bomber</u>		
Boeing, B-17E	112	
Consolidated, B-24, C & D	34	
<u>Medium Bomber</u>		
North American, B-25B	74	
Martin, B-26 & 26A	87	
<u>Light Bomber</u>		
Douglas, A-20 & 20B	80	
Douglas, A-24	20	
<u>Pursuit Fighter</u>		
Lockheed, P-38A, D & E	164	
<u>Pursuit Interceptor</u>		
Bell, P-39D	158	
Curtiss, P-40E		2
Curtiss, XP-40F		1
Curtiss, P-40E		132
Republic, P-43A	80	
Republic, P-47B	59	
<u>Observation</u>		
Vultee, O-49	38	
Curtiss, O-52	119	
<u>Transport</u>		
Douglas, C-47	36	
Douglas, C-52C	1	
<u>Reconnaissance</u>		
Douglas, F-3	3	
<u>Primary Trainer</u>		
Stearman, PT-17		204
Fairchild, PT-19A		17
Ryan, PT-22	442	
<u>Basic Trainer</u>		
Vultee, BT-13A & 15		91
<u>Advance Trainer, 1 Engine</u>		
North American, AT-6A		45
<u>Advance Trainer, 2 Engine</u>		
Beech, AT-7		25
Curtiss, AT-9	275	
Beech, AT-10	241	
Beech, AT-11	148	



TEXT SUMMARY - INSTALLATION ENGINES BEHIND CONTRACT SCHEDULE - AUGUST 31, 1941

Source of Information: Materiel Division - Air Corps

Ford is producing Pratt & Whitney engines under license for installation in medium bombers, pursuits, interceptors, and transports. It is 60 units behind schedule on account of critical shortage of machine tools. This includes tools for both Ford and Ford subcontractors. Ford has made no deliveries to date but estimates that it will produce 20 units during September.

Delivery of Wright engines for light bombers has been slowed down in order to give priority for similar engines to the British.

Production of Allison engines for pursuit fighters and pursuit interceptors continues to be largely limited by the receipt of magnesium accessory housings. Many of these housings, which are being made by the American Magnesium Company, have had to be rejected for defects.

Packard delivered 2 of 9 preliminary engines during August. It has succeeded in obtaining delivery of certain key machines, but is still short 1 Natcos, 2 Healds and 1 seven-inch automatic tool. Another cause of delay at Packard is lack of drills, tapes, dies and other small tools.

Kinner engines for Ryan primary trainers are not accepted directly by the Army but only as a component of completed Ryan trainers. Delay in production by Ryan of its trainers, therefore, conceals satisfactory production by Kinner of engine installations. Ryan's principal problem appears to be inability to coordinate its line production.






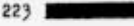





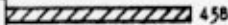


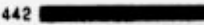

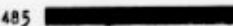
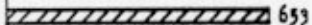

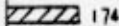
Delivery date of the first Continental engine for installation in basic trainers has been again postponed, this time until early in October. The situation is partially due to preference being given Ordnance models but Continental's machine tool shortage likewise remains critical. The Production Survey Branch at Wright Field has been taking action to increase priorities for Continental. The company cannot obtain adequate delivery promises on its replacement orders for cutting tools of all types. Delivery promises for seamless steel from the Ohio Seamless Steel and Tool Company to Bohn Aluminum Company, an important Continental subcontractor, are also still unfavorable.

Lycoming has extended its operations to Saturdays and Sundays in an attempt to catch up on its advance trainer installation deliveries which are 324 units behind. Inability to obtain steel deliveries continues to be the major material shortage. Lycoming also reports difficulty in obtaining delivery of diamond bores, automatic lathes and thread mills.



INSTALLATION ENGINE DELIVERIES - AHEAD AND BEHIND CONTRACT SCHEDULE - AUGUST 31, 1941

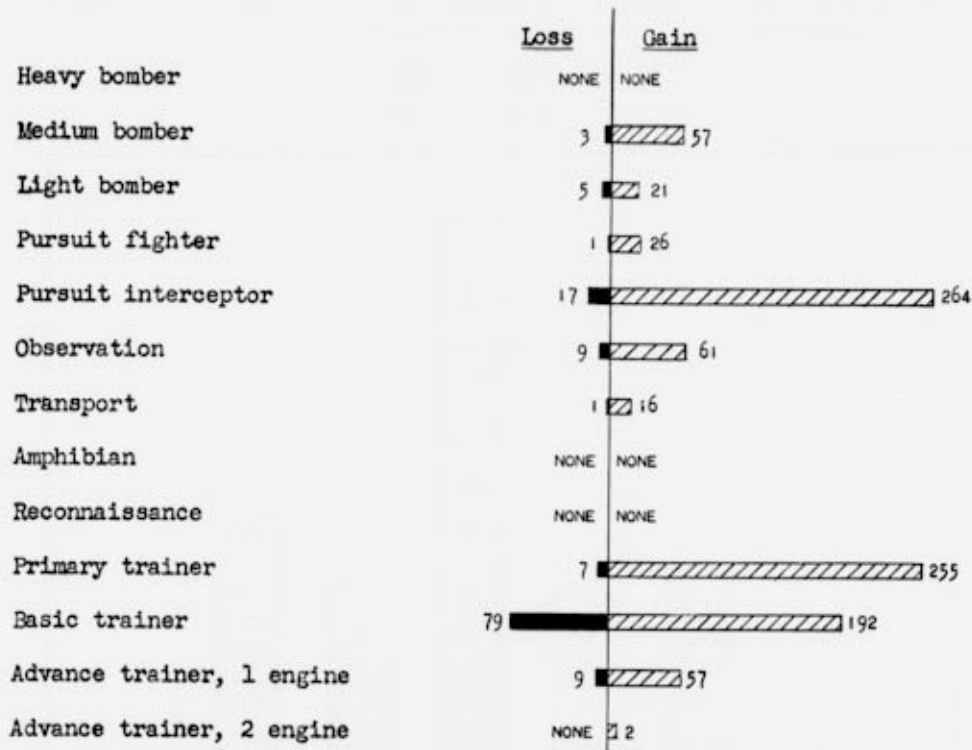
Source of Information: Consolidated Statistical Report - Air Corps

	Number Behind	Number Ahead
<u>Heavy Bomber</u>		
Wright, B-17E, R-1820-65		 705
<u>Medium Bomber</u>		
Wright, B-25B, R-2600-9	1	
Wright, B-25C, R-2600-9		 83
Ford, B-26A & B, R-2800-5	SEE	C-46
<u>Light Bomber</u>		
Wright, A-20B, R-2600-11	800 	
<u>Pursuit, Fighter</u>		
Allison, P-38E, V-1710-27	207 	
Allison, P-38E, V-1710-29	210 	
<u>Pursuit, Interceptor</u>		
Allison, P-39D, V-1710-35	223 	
Allison, P-40E, V-1710-39		 38
Allison, P-40E, V-1710-39	27 	
Packard, P-40F, V-1610-1	46 	
Pratt & Whitney, P-43A, R-1830-49		 70
Ford, P-47B, R-2800-5	SEE	C-46
<u>Transport</u>		
Pratt & Whitney, C-45A, R-985-1	SEE	AT-11
Ford, C-46, R-2800-5	60 	
Pratt & Whitney, C-47, R-1830-83		 458
Wright, C-57, R-1830-SIC30	6 	
<u>Amphibian</u>		
Pratt & Whitney, OA-10, R-1830-82	SEE	C-47
<u>Primary Trainer</u>		
Ranger, PT-19A, L-440-1		17 
Kinner, PT-22, R-440-3(Subcontractor)*	442 	
<u>Basic Trainer</u>		
Pratt & Whitney, BT-13A, R-985-25	SEE	AT-11
Wright, BT-15, R-985-11		19 
Continental, BT-15, R-985-11	485 	
<u>Advance Trainer, 1 Engine</u>		
Pratt & Whitney, AT-6A, R-1340-1		 653
<u>Advance Trainer, 2 Engine</u>		
Pratt & Whitney, AT-7, R-985-1	SEE	AT-11
Lycoming, AT-8, AT-9, AT-10, R-680-9	324 	
Pratt & Whitney, AT-11, R-985-1		 174

\* Delay due to slow delivery of Ryan airplanes.

PROJECT AIRPLANE GAINS AND LOSSES - AUGUST 1-31, 1941

Source of Information: Consolidated Statistical Report - Air Corps



RECAPITULATION

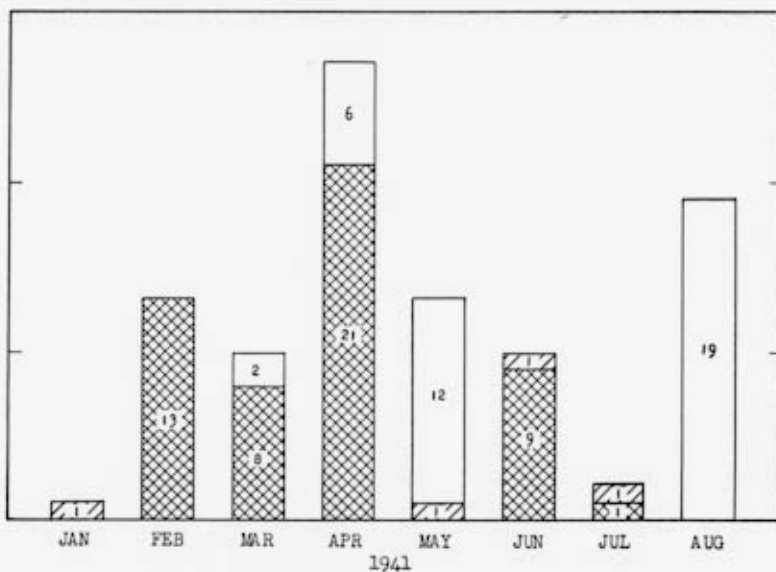
On Hand 7-31-41	7,340
Total Gain	951
	<u>8,291</u>
Total Loss	131
On Hand 8-31-41	<u>8,160</u>

Note: "Loss" on this diagram is used in a broad sense, i.e., any factor which affects the monthly increase in the inventory of Army airplanes. In the classification "loss" are therefore included condemnations, physical losses, and any transfer of airplanes for resale to foreign governments.

U.S. HEAVY BOMBER DELIVERIES BY CUSTOMER

Source of Information: Consolidated Statistical Report - Air Corps  
Bureau of Aeronautics, Navy Department

 Army    
  Navy    
  Britain



	<u>ARMY</u>	<u>NAVY</u>	<u>BRITAIN</u>	<u>TOTAL</u>
JAN 1941	-	1	-	1
FEB	13	-	-	13
MAR	8	-	2	10
APR	21	-	6	27
MAY	-	1	12	13
JUN	9	1	-	10
JUL	1	1	-	2
AUG	-	-	19	19
<b>TOTAL</b>	<b>52</b>	<b>4</b>	<b>39</b>	<b>95</b>

TABULAR SUMMARY - PARACHUTE AND BARRAGE EQUIPMENT - AUGUST 31, 1941

Source of Information: Materiel Division - Wright Field

Note: Figures include all current procurement for the Infantry, C. A. C., and Air Corps. Procurement for the Marines is excluded.

Item	Current procurement	On hand	On order undelivered	Percent		Completion date
				On hand	Undel.	
<u>Parachutes</u>						
S-1 Seat	56,610	22,911	33,699	40	60	May 1943
S-2 Seat	9,491	6,760	2,731	71	29	Sep. 1941
A-2 Quick attachable	775	450	325	58	42	Oct. 1941
B-7 Back	13,824	5,862	7,962	42	58	Mar. 1942
T-3 Training	692	462	230	67	33	?
T-5 Training	3,250	670	2,580	21	79	June 1943
<u>Barrage Balloons</u>						
D-3	5	5	-	100	0	Complete
D-4	223	10	213	4	96	Jan. 1942
D-5	288	16	272	6	94	Feb. 1942
D-6	45	1	44	2	98	Oct. 1941
High altitude	1	1	0	100	0	Complete
<u>Winches</u>						
A-9	454	17	437	4	96	Jan. 1942
A-10	10	1	9	10	90	Oct. 1941
A-11	12	2	10	17	83	Oct. 1941
<u>Hydrogen Generators</u>	4	0	4	0	100	Nov. 1941
<u>Hydrogen Cylinders</u>						
A-1	55,000	30,000	25,000	55	45	Feb. 1942

TABULAR SUMMARY - AIR CORPS AND LABOR - SEPTEMBER 11-17, 1941

Source of Information: Labor Section, OUSW

<u>COMPANY</u>	<u>UNION</u>	<u>AIR CORPS ITEMS</u>	<u>STATUS</u>
----------------	--------------	------------------------	---------------

		<u>STRIKES</u>	
*1. ATLAS PRESS Co. KALAMAZOO, MICH.	CIO	AIRCRAFT PARTS	PLANT CLOSED.
2. CURTISS-WRIGHT PROPELLER PITTSBURGH, PA.	AFL	POWER PLANT CONSTRUCTION	CERTIFIED TO NDMB 9-11-41. ABOUT 70% OF MEN RETURNED TO WORK.
3. REPUBLIC AIRCRAFT PRODUCTS Co. DETROIT, MICH.	AFL	AIRCRAFT PARTS	CIO STILL WORKING WHILE AFL WORKERS ARE STRIKING.
4. SIMMOND WORDEN WHITE Co. DAYTON, OHIO	CIO	SUBCONTRACTOR	COMPANY ATTORNEY HOLDING CONFERENCE 9-17-41. PLAN TO REOPEN PLANT 9-22-41.
5. U. S. GAUGE Co. SELLERSVILLE, PA.	AFL	SUBCONTRACTOR	COMMISSIONER SPENCER CONDUCTING NEGOTIATIONS. PLANT TO REOPEN 9-17-41.
*6. WELLMAN (S.K.) CLEVELAND, OHIO	?	SUBCONTRACTOR	SOME MEN RETURNED 9-17-41. REMAINDER WILL RETURN 9-18-41.
*7. ZALLEA BROTHERS & JOHNSON WILMINGTON, DEL.	CIO	SUBCONTRACTOR	COMMISSIONER CONDUCTING CONFERENCE.

		<u>THREATS</u>	
1. AIR ASSOCIATES BENDIX, N. J.	CIO	HYDRAULIC CYLINDERS, PROPELLER PARTS, ETC.	INVESTIGATIONS BY NDMB. WORK CONTINUING.
2. ALUMINUM COMPANY OF AMERICA NEW KENSINGTON, PA.	?	ALUMINUM	INVESTIGATIONS BY NDMB. WORK CONTINUING.
3. ALUMINUM COMPANY OF AMERICA PITTSBURGH, PA.	?	ALUMINUM	INVESTIGATIONS BY NDMB. WORK CONTINUING.
4. ALUMINUM COMPANY OF AMERICA VANCOUVER, WASH.	?	ALUMINUM	CASE BEFORE NDMB. WORK CONTINUING.
5. ANACONDA WIRE & CABLE Co. MUSKEGON, MICH.	?	TARGET ASSEMBLIES.	STOPPAGE DOES NOT APPEAR IMMINENT.
*6. BENDIX AVIATION CORP. SOUTH BEND, IND.	?	CARBURETOR ASSEMBLIES	CASE BEFORE NDMB. WORK CONTINUING.
7. CURTISS-WRIGHT PROPELLER PLANT CALDWELL, N. J.	AFL	PROPELLERS	CERTIFIED TO NDMB. WORK CONTINUING.
8. CURTISS-WRIGHT AIRCRAFT PLANT COLUMBUS, OHIO	CIO	SUBCONTRACTOR	STOPPAGE DOES NOT APPEAR IMMINENT.
*9. HAYES MFG. CORP. GRAND RAPIDS, MICH.	?	AIRPLANE PARTS.	COMPANY REFUSES TO RECOGNIZE UNION.
10. MARLIN ROCKWELL CORP. PLAINVILLE, CONN.	CIO	ROLLER BEARINGS.	INVESTIGATIONS BY NDMB. WORK CONTINUING.
11. PACIFIC STATES CAST IRON PIPE Co., PROVO, UTAH	CIO	PRIME CONTRACTOR	CASE BEFORE NDMB. WORK CONTINUING.
*12. PARKER APPLIANCE Co. CLEVELAND, OHIO	?	VALVES AND FITTINGS	COMMISSIONER HURLEY ON CASE.
*13. SWITLICK PARACHUTE & EQUIP. Co. TRENTON, N. J.	?	PARACHUTES	INDEPENDENT UNION THREATENS TO STRIKE IN TWO WEEKS.

CONTROVERSIES SETTLED SEPTEMBER 11-17, 1941

NONE

STRIKES NO LONGER REPORTED, SEPTEMBER 11-17, 1941

**1. BREEZE CORP. NEWARK, N. J.	CIO	SUBCONTRACTOR	STRIKE NO LONGER AFFECTING AIR CORPS.
***2. INTERSTATE DROP FORGE MILWAUKEE, WIS.	AFL	CASTINGS AND FORGINGS FOR BOMBERS	STRIKE NO LONGER AFFECTING AIR CORPS.

\* NEW CONTROVERSIES SEPTEMBER 11-17, 1941.

\*\* WENT ON STRIKE AND SETTLED CASE DURING WEEK.

\*\*\* STRIKE IN LAST REPORT.

TEXT SUMMARY - QUARTERMASTER PROCUREMENT - September 18, 1941

Source: Statistics Branch, Office of the Quartermaster General

BASIC ITEMS

General -- As of August 31, complete delivery has been made on 51 of the 132 basic items being procured from 1941 funds; of the total programs of the 81 remaining items, an average of 99 percent has been contracted and an average of 79 percent has been procured.

Deficiency Appropriation programs have been completely contracted and an average of 46 percent of these has been delivered. Of the combined 1942 programs, an average of 56 percent has been contracted and an average of 3 percent has been delivered.

Contracts -- During the period ended August 31, no appreciable increases in contracted amounts were noted for items being procured from 1941 and Deficiency Appropriation funds. Contracted amounts for 1942 procurement show an average increase of 6 percent for the same period.

Deliveries -- During the quarter-monthly period ended August 31, deliveries were effected on 63 of 81 items procured from 1941 funds; on 34 of 36 items procured from Deficiency Appropriation funds; and on 10 of 93 items procured from 1942 funds.

Schedules & Delinquencies -- Of the 261 basic items being procured from 1941, 1942, and Deficiency Appropriation funds, 73 are delinquent; of these, 26 are more than 5 percent delinquent.

MOTOR VEHICLES

Contracts -- As of September 8, contracts have been awarded for 254,793 vehicles, obligating 335 million dollars of 1941 and 1942 funds. Under 1941 funds, 91 percent of a program of 245,612 vehicles has been contracted, and 62 percent delivered. Eighty-eight percent of the estimated 1942 program has been contracted with initial deliveries scheduled for September.

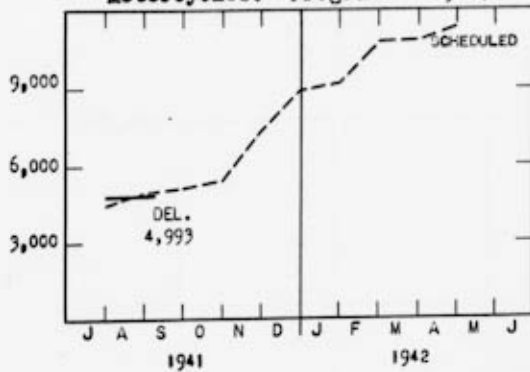
Deliveries -- During the quarter-monthly period ended September 8, deliveries were reported on 3,439 vehicles. This brings cumulative deliveries under 1941 funds to 152,752 vehicles at a cost of 196 million dollars.

Schedules & Delinquencies -- Based on estimated delivery schedules, 11,992 vehicles were behind schedule; 5,566 vehicles, however, were ahead of schedule.

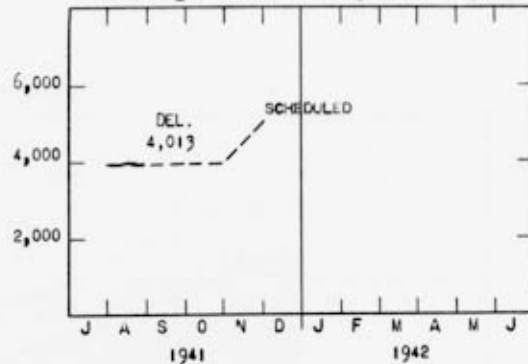
QUARTERMASTER CORPS - PROCUREMENT OF MOTOR VEHICLES BY TYPES - F.Y. 1941 - Sept. 8, 1941

Source of Information: Statistics Branch, Office of the Quartermaster General

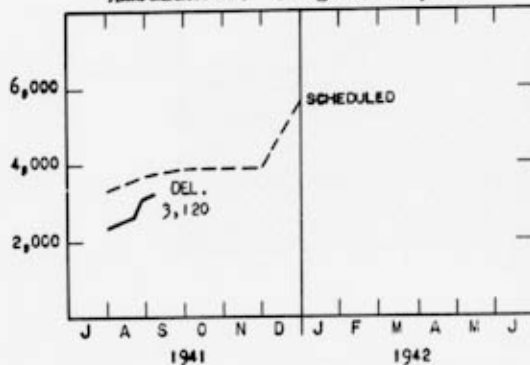
Motorcycles. Program - 27,893



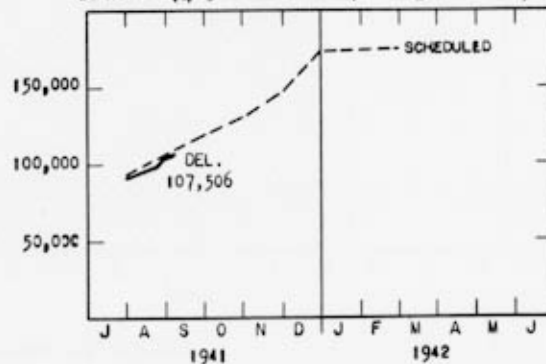
Passenger Cars. Program - 4,922



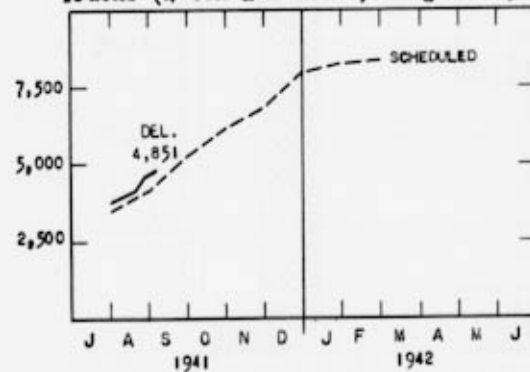
Ambulances. Program - 5,635



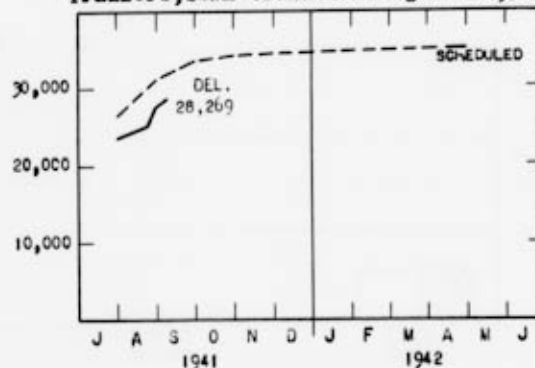
Trucks (1/2-3 ton incl.) Program-162,600



Trucks (4-ton & heavier). Program-8,221

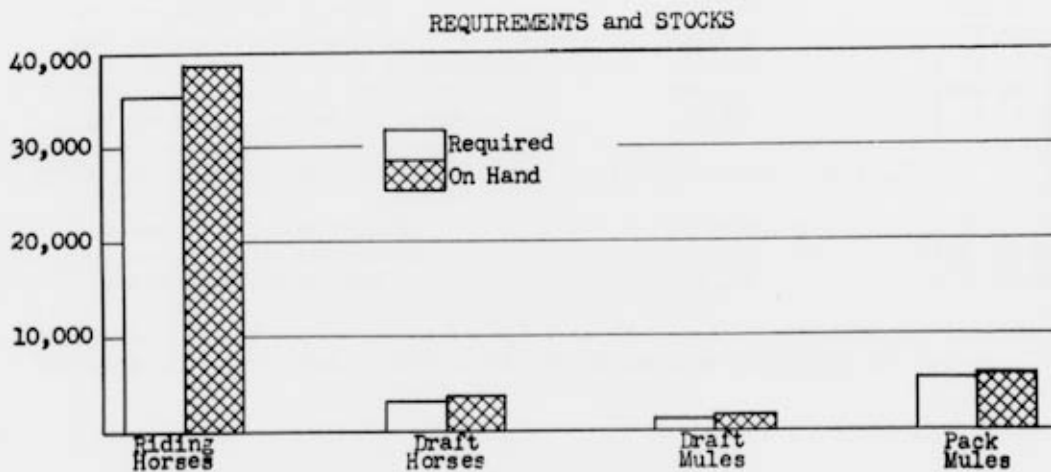
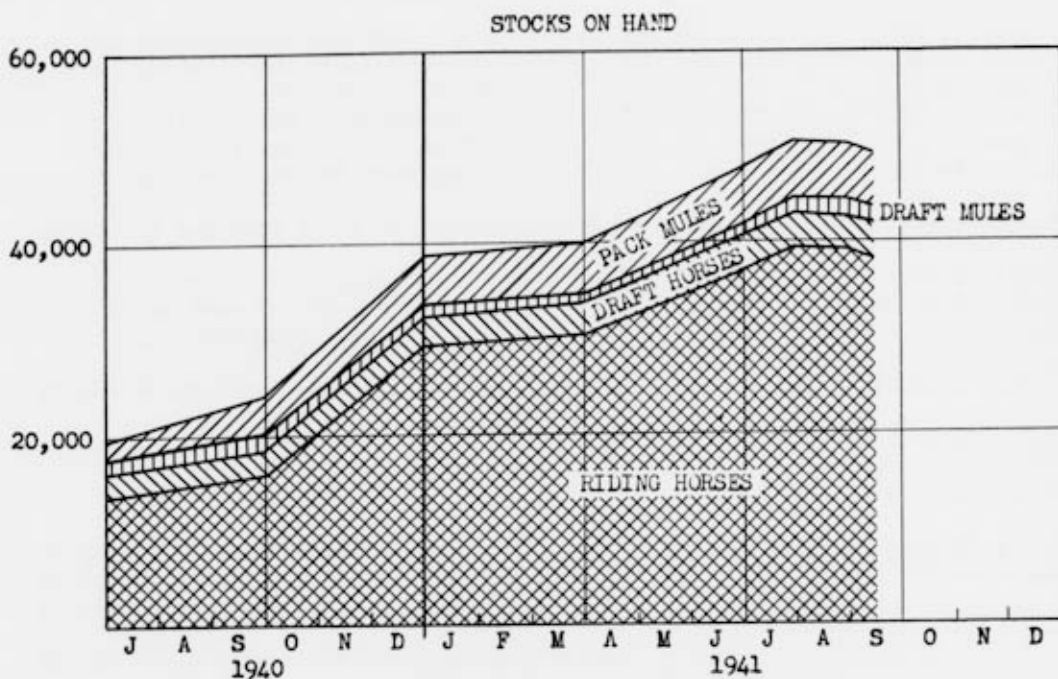


Trailers, Semi-trailers. Program-36,341



DIAGRAMS - STATUS OF ANIMAL PROCUREMENT - September 15, 1941

Source: Office of the Quartermaster General





TEXT SUMMARY - STATUS OF QUARTERMASTER CONSTRUCTION - August 30, 1941

Source: Statistics Branch, Office of the Quartermaster General

Of 518 Q.M. construction projects, with a total estimated cost of \$2,181,967,777:

	<u>Cost</u>	
489 projects are started	\$1,974,891,100	(90% of total cost)
145 projects are completed	503,358,347	(23% of total cost)
43 projects are ahead of schedule	131,988,647	(6% of total cost)
233 projects are on schedule*	1,115,343,018	(51% of total cost)
68 projects are behind schedule	224,201,088	(10% of total cost)
29 projects are not started	207,076,677	(10% of total cost)

Of the 43 projects ahead of schedule, with an estimated cost of \$131,988,647:

25 are from 5-10% ahead	\$73,586,274	(56% of \$131,988,647)
11 are from 11-20% ahead	30,724,499	(23% of \$131,988,647)
7 are over 20% ahead	27,677,874	(21% of \$131,988,647)

Of the 68 projects behind schedule, with an estimated cost of \$224,201,088:

29 are from 5-10% behind	\$125,275,442	(56% of \$224,201,088)
22 are from 11-20% behind	38,517,709	(17% of \$224,201,088)
17 are over 20% behind	60,407,937	(27% of \$224,201,088)

Of the 518 Q.M. construction projects, 263 (51%) provide a troop housing capacity of 1,398,444 at an estimated cost of \$894,099,051 (41% of total estimated Q.M. construction cost).

Of the 263 projects providing troop housing:

	<u>Capacity</u>	
255 projects are started	1,348,830	(96% of total)
120 projects are completed	860,456	(61% of total)
19 projects are ahead of schedule	58,030	(4% of total)
87 projects are on schedule*	392,043	(28% of total)
29 projects are behind schedule	38,301	(3% of total)

Of the 29 projects behind schedule, with a troop capacity of 38,301:

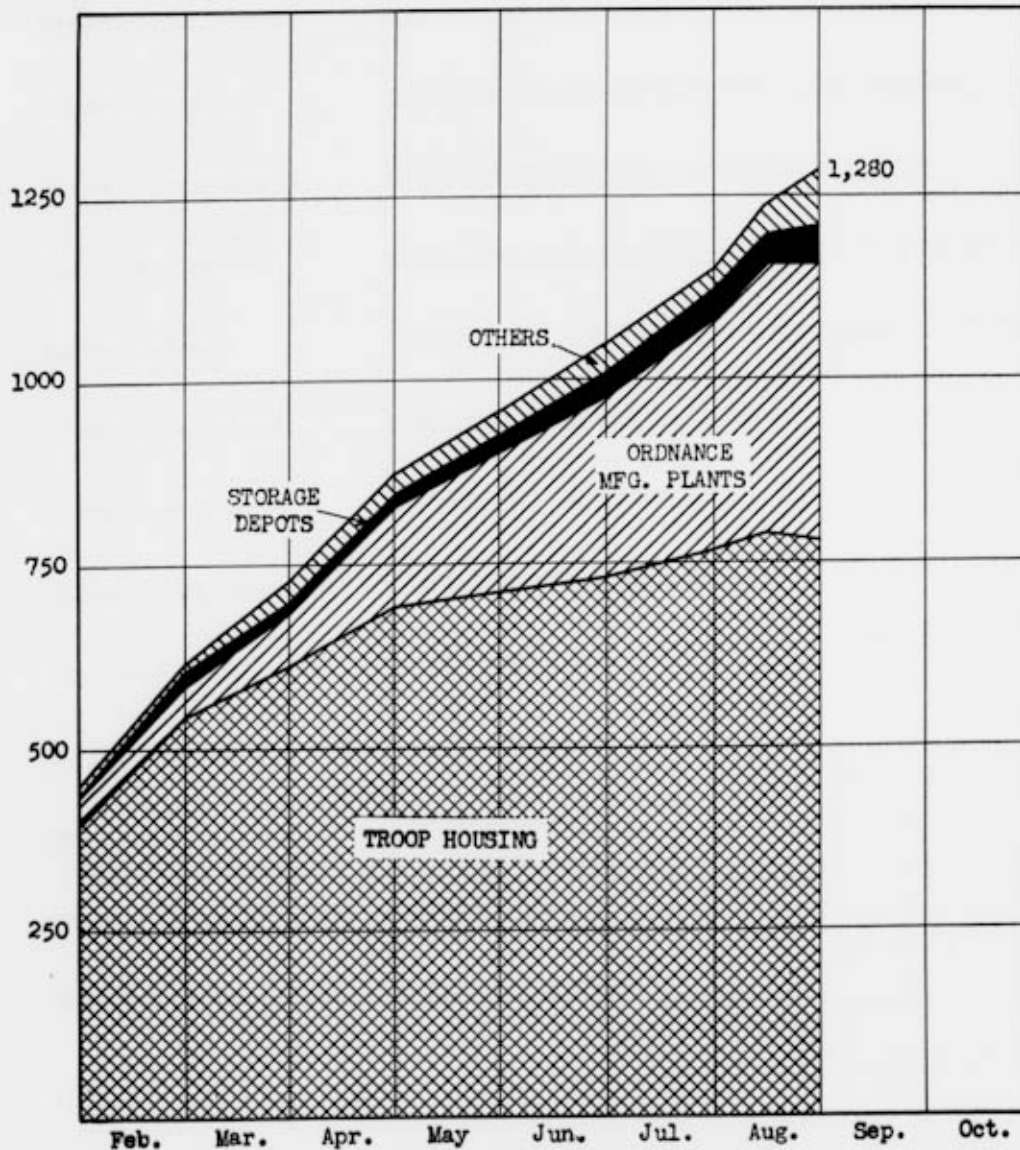
14 are from 5-10% behind	17,918	(47% of 38,301)
9 are from 11-20% behind	6,207	(16% of 38,301)
6 are over 20% behind	14,176	(37% of 38,301)

\*Projects 1 to 4% behind schedule and 1 to 4% ahead of schedule are included in "on schedule" data, due to difficulty in estimating within these limits.

DIAGRAM - Q. M. C. CONSTRUCTION IN PLACE - August 30, 1941

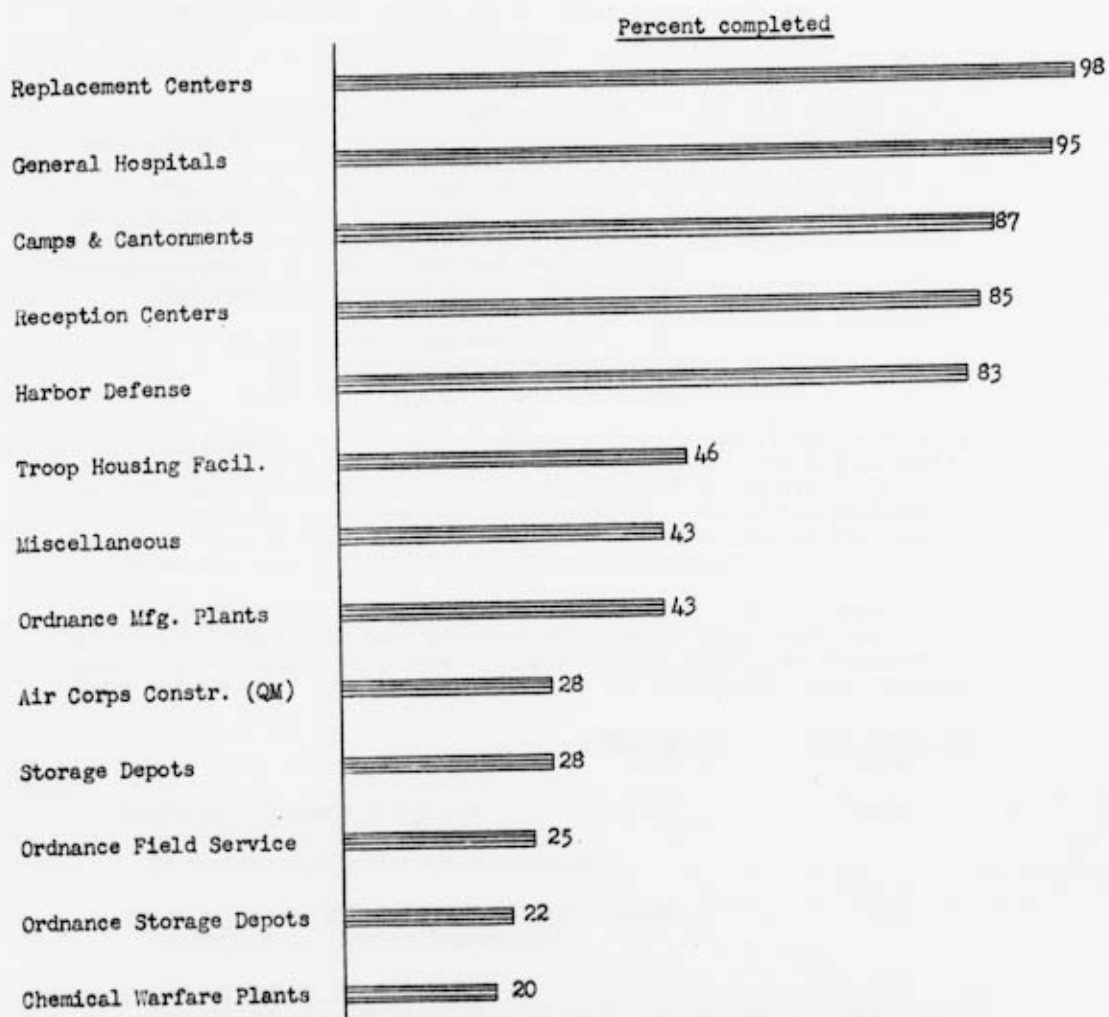
Source of Information: Construction Division, Office of Quartermaster General

MILLION  
DOLLARS



Q. M. C. CONSTRUCTION - PERCENTAGE OF COMPLETION\* - August 30, 1941

Source: Statistics Branch, Office of the Quartermaster General



\*Based on estimated cost

TEXT SUMMARY - SIGNAL CORPS PROCUREMENT - AIRCRAFT ITEMS  
September 13, 1941

Source of Information: Office of the Chief Signal Officer,  
Supply Division

STATUS OF CONTRACTS - All contracts for aircraft signal equipment on the F.Y. 1941 procurement program have been awarded. These contract awards have a total value of \$90,003,675.

The regular F.Y. 1942 and First Supplemental F.Y. 1942 procurement programs include \$320,329,470 for the purchase of aircraft signal equipment. On September 15 contracts in the amount of \$75,831,453 for the procurement of these items had been awarded.

New contracts awarded during the past week included:

23,446 Filter equipment RC-32  
414 Marker beacon receiving equipment RC-39  
5,566 Marker beacon receiving equipment RC-43

DELIVERIES - The procurement of aircraft signal equipment continues satisfactory and available quantities of all items are adequate to meet requirements of aircraft being delivered to the Air Corps.

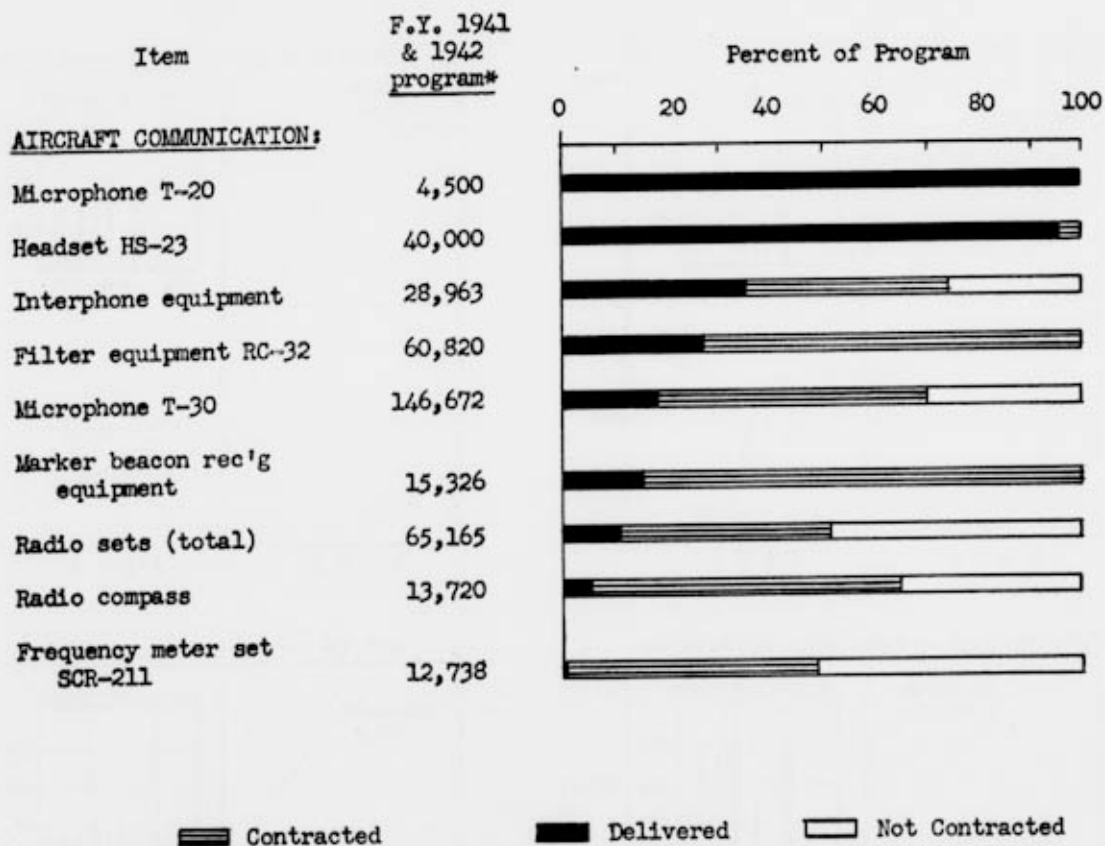
Deliveries were received, last week, on seven of the seventeen aircraft items on the F.Y. 1941 program on which deliveries are due. Contracts for four additional items have been completed.

DELINQUENCIES - Five aircraft items remain behind delivery schedules. Deliveries were received on three of these items last week. No deliveries were made on Radio Compass SCR-263 or Frequency Meter Set SCR-211. The present status of the delinquent items follows:

	<u>Due Aug. 31,</u> <u>1941</u>	<u>Del. Sept. 13,</u> <u>1941</u>
<u>Radio set, Command SCR-274-N</u>	650	472
Production has been accelerated. No further difficulty is anticipated.		
<u>Radio compasses SCR-263, 269 and 280</u>	1,481	691
Production is showing improvement.		
<u>Frequency meter set SCR-211</u>	1,023	123
Deliveries are now being made by both contractors for this item, which is being purchased for both air and ground use. Present deliveries are being allocated to ground use only as aircraft requirements have been supplied. Figures shown do not represent total due or delivered. Improvement in deliveries is anticipated.		

SIGNAL CORPS PROCUREMENT - SELECTED CRITICAL ITEMS - SEPTEMBER 13, 1941

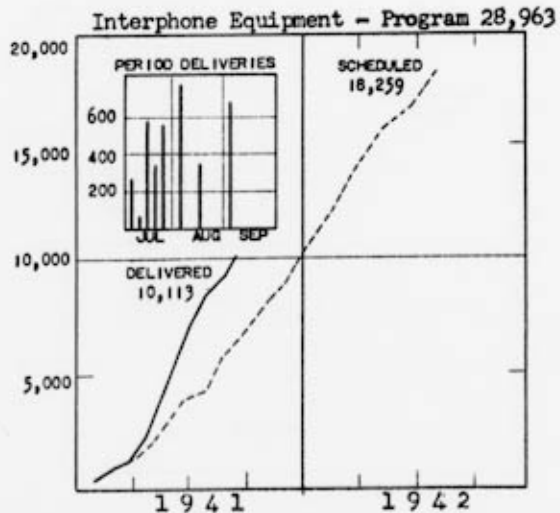
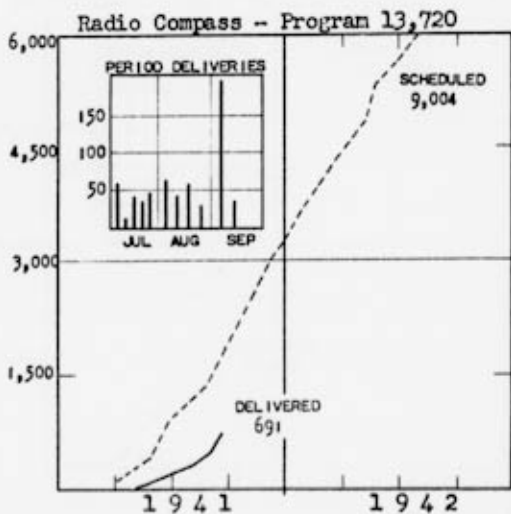
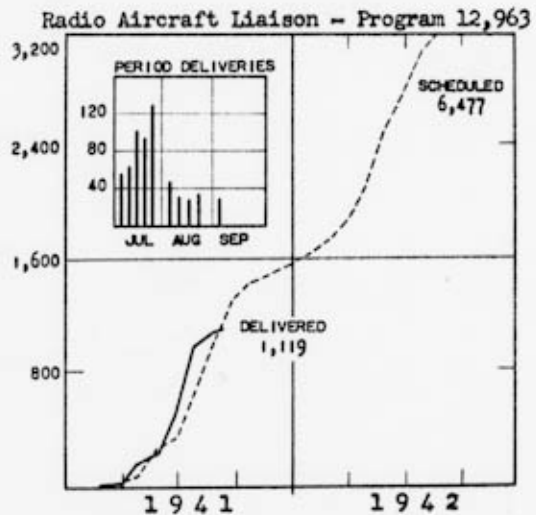
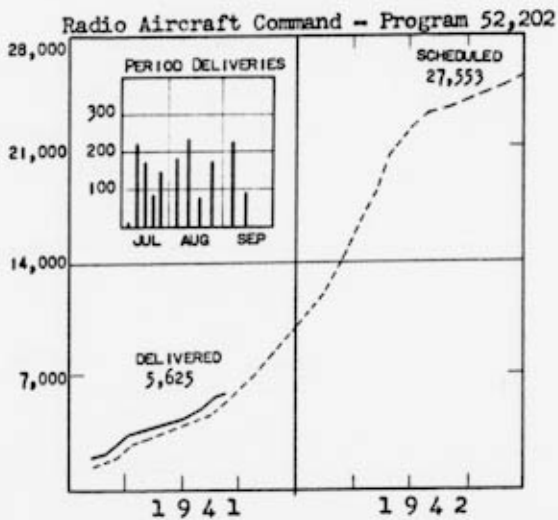
Source of Information: Office of the Chief Signal Officer, Supply Division



\* Quantities in excess of program include procurement for the Navy and quantities which are component parts of other critical items.

SIGNAL CORPS PROCUREMENT - SELECTED ITEMS - AIRCRAFT COMMUNICATION EQUIPMENT  
SEPTEMBER 13, 1941

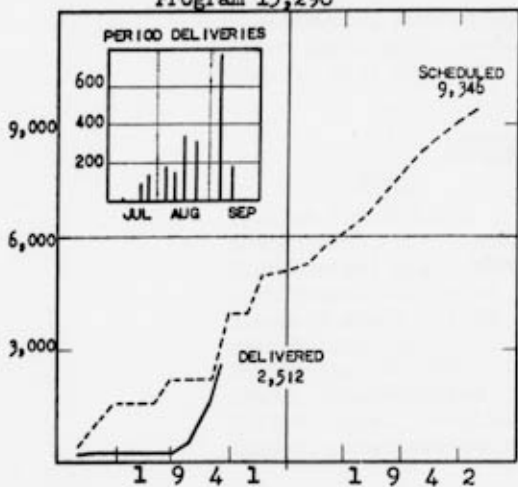
Source of Information: Supply Division, Office of the Chief Signal Officer  
 Materiel Division, Office of the Chief of Air Corps



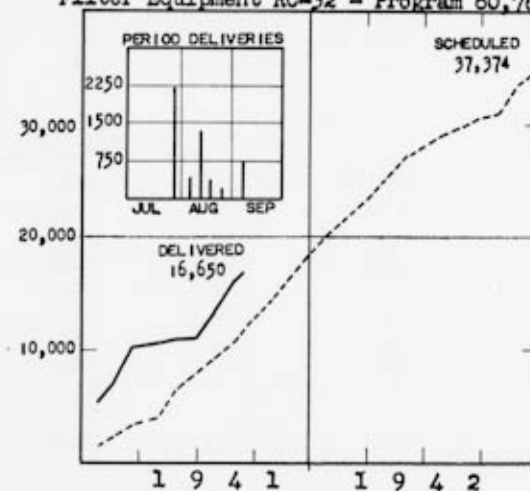
SIGNAL CORPS PROCUREMENT - SELECTED ITEMS - AIRCRAFT COMMUNICATION EQUIPMENT  
SEPTEMBER 13, 1941

Source of Information: Supply Division, Office of the Chief Signal Officer  
 Materiel Division, Office of the Chief of Air Corps

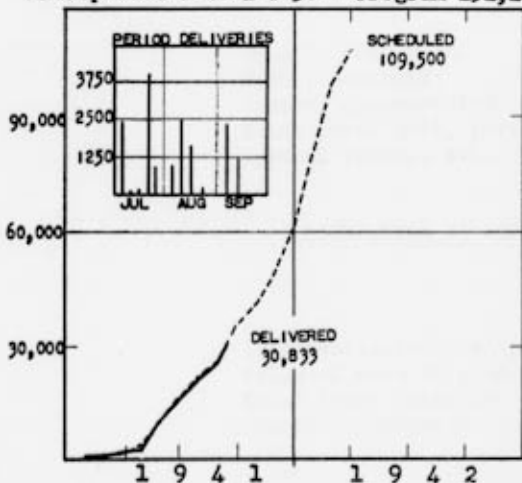
Marker Beacon Receiving Equipment  
 Program 15,296



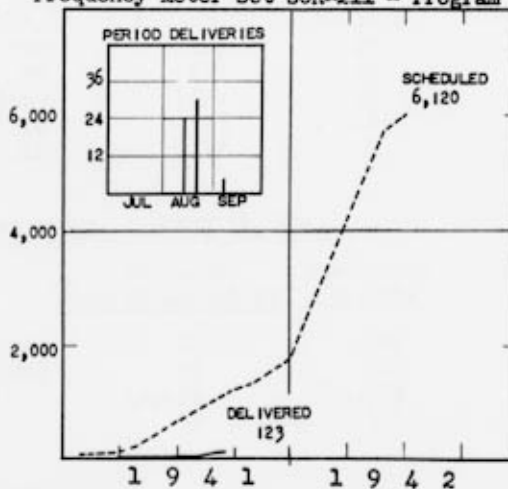
Filter Equipment RC-32 - Program 60,760



Microphones T-20 & T-30 - Program 151,172



Frequency Meter Set SCR-211 - Program 12,738



TEXT SUMMARY - CORPS OF ENGINEERS - PROCUREMENT PROGRESS THROUGH SEPTEMBER 8, 1941

Source of Information: Supply Section, Office of the Chief of Engineers

The status of Engineer procurement and the progress shown during the quarter-month from August 31 to September 8 is outlined in the following way:

AHEAD OF SCHEDULE---FOUR ITEMS

<u>Item</u>	<u>Due</u>	<u>Delivered</u>	<u>Ahead</u>
Searchlight, 60" (G.E.)	574	612	38
Stereoscope, lens-prism	29	61	32
Water puri. unit, port.	369	379	10
Shovel, gas, 1/2-yard	61	62	1

BEHIND SCHEDULE---TEN ITEMS

<u>Item</u>	<u>Due</u>	<u>Delivered</u>	<u>Behind</u>
Trailer for 60" S/L	1875	226	1649
Searchlight, 60" (Sperry)	785	638	147
Stereoscope, mag., mirror	1118	1011	107
Compressor, air, mtzd.	890	803	87
Electric equip., 5 kw	166	117	49
Searchlight, 18"	160	125	35
Footbridge, M-1938	128	111	17
Crane, truck-mounted	10	3	7
Bridge, steel, trestle	8	2	6
Hammer, gas-operated	1067	1063	4

CONTRACTS LET---FIVE ITEMS

<u>Item</u>	<u>Contracted August 31</u>	<u>Contracted September 8</u>	<u>New contract</u>
Grader, road mtzd.	92	119	27
Mixer, concrete	99	117	18
Hammer, gas-operated	1063	1079	16
Water puri. unit, port.	508	520	12
Special equip., avn.	14	17	3

CONSTRUCTION AT AIR CORPS STATIONS---AUGUST 15, 1941

	<u>Increase July 31-August 15</u>	<u>Cumulative to date</u>
Total estimated cost in millions	21	644
Value of work in place (millions)	25	269
Total troop capacity (men)	14,454	334,855
Number of projects	5	130

Corps of Engineers



CORPS OF ENGINEERS - STATUS OF SIX SELECTED ITEMS - SEPTEMBER 8, 1941

Source of Information: Supply Section, Office of the Chief of Engineers

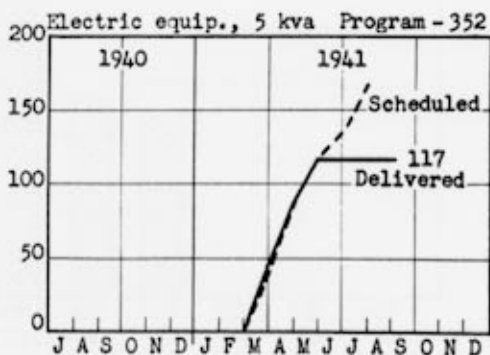
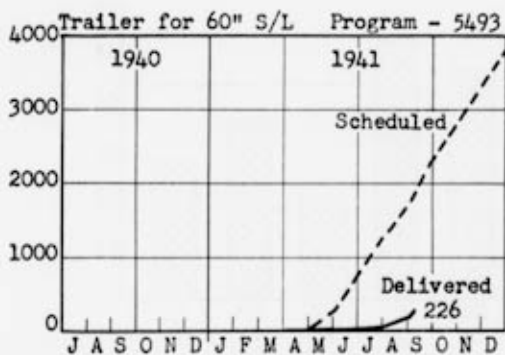
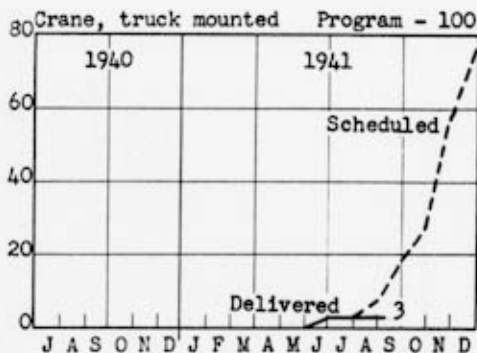
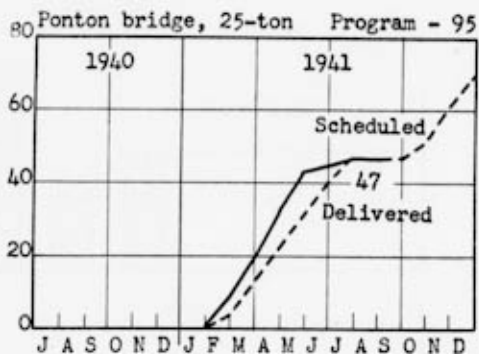
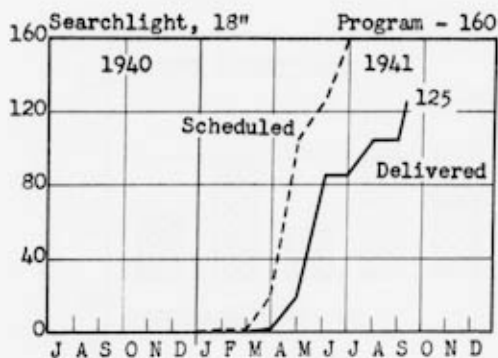


DIAGRAM - CORPS OF ENGINEERS - PROCUREMENT PROGRESS THROUGH SEPTEMBER 8, 1941

Source of Information: Supply Section, Office of the Chief of Engineers

60" ANTI-AIRCRAFT SEARCHLIGHTS

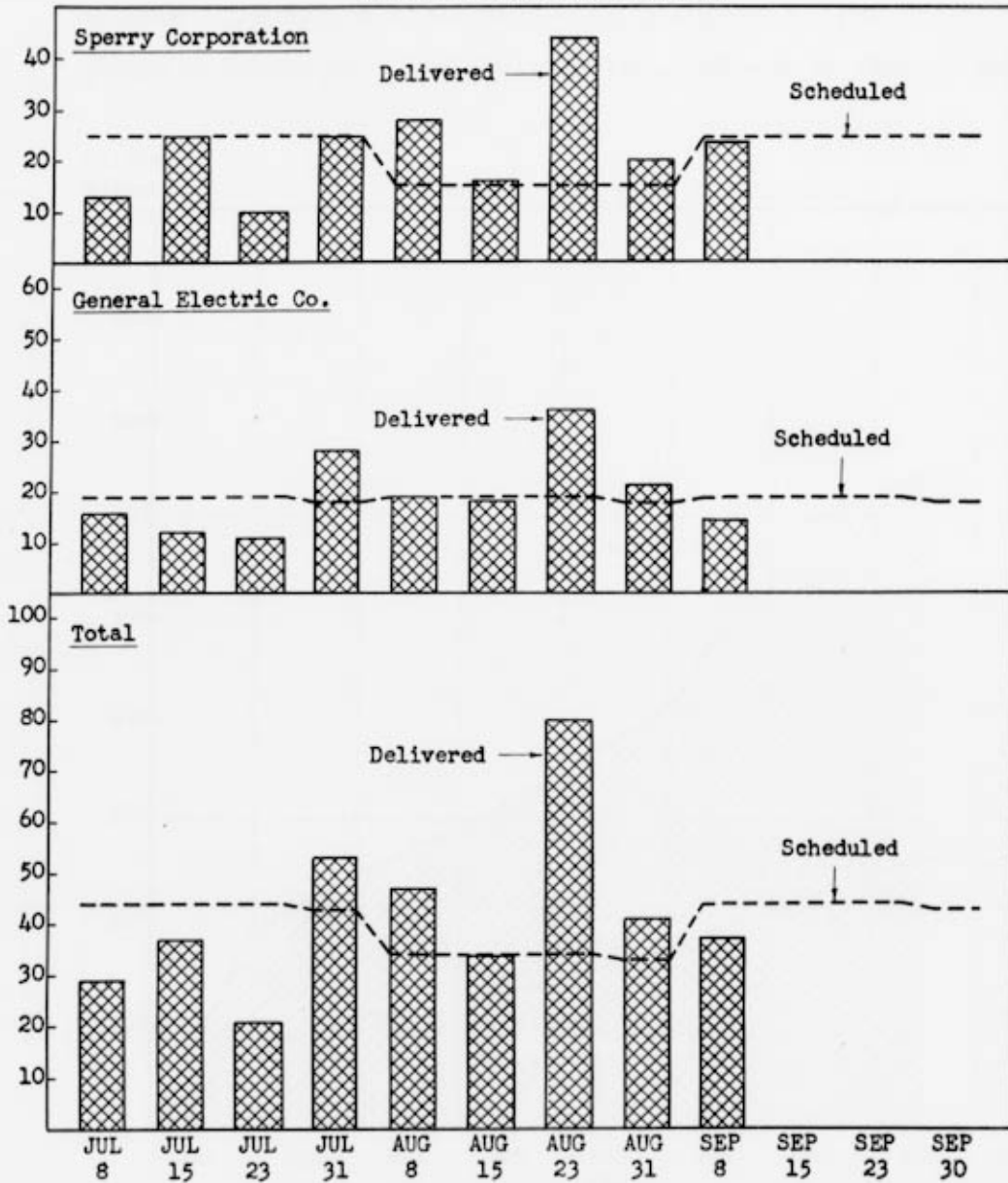
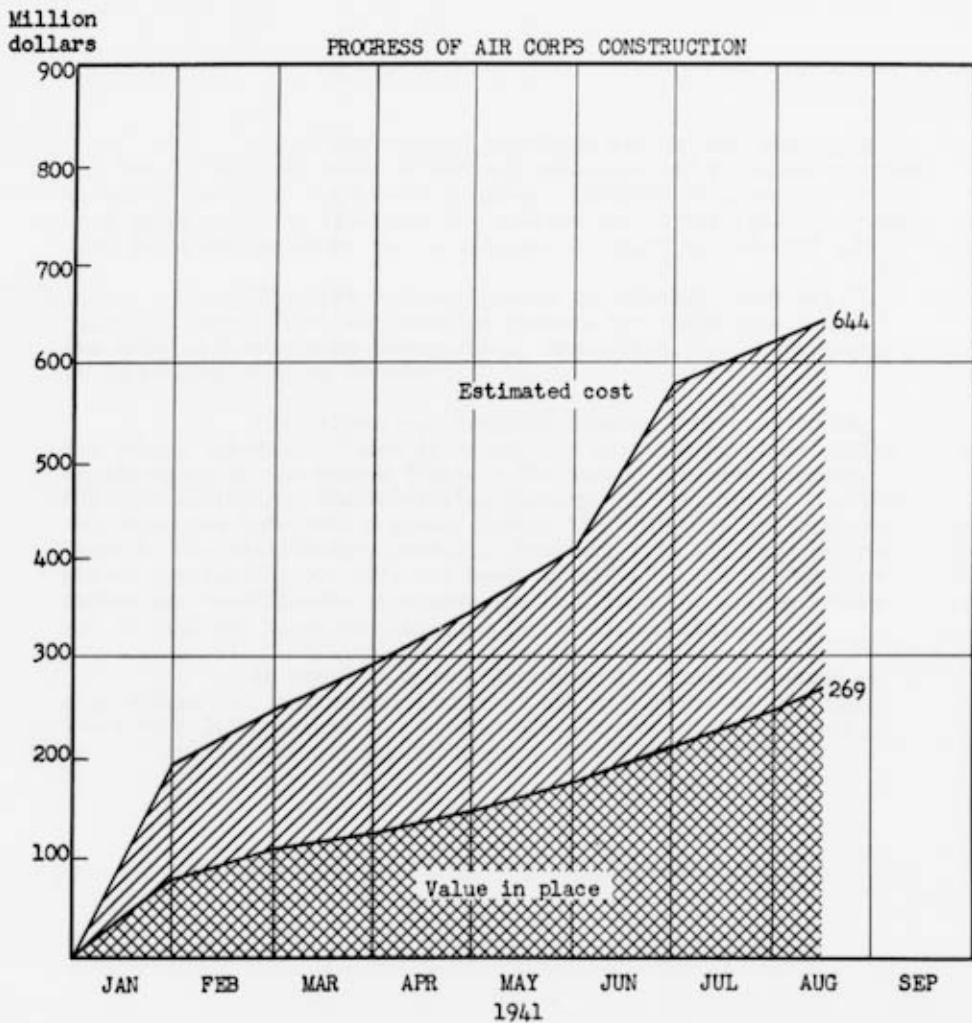


DIAGRAM - CONSTRUCTION AT AIR CORPS STATIONS - AUGUST 15, 1941

Source of Information: Construction Section, Office of the Chief of Engineers



TEXT SUMMARY - MEDICAL DEPARTMENT - FOR WEEK ENDED SEPTEMBER 20, 1941

Source of Information: Finance & Supply Div. - Office of Surgeon General

As of September 8, contract awards have been made on all the 71 selected items of medical equipment and supplies reported on under the 1941 procurement program. Complete delivery has been made on 16 of these items and the balance due on the remainder varies from 1% to 98% as shown in the diagrams on pages 41, 42, and 43.

The last contract placed on selected items was for 1,175,000 large First Aid Dressing Packets for field use. Award was made to Convenience Incorporated, Greenville, S. C. Delivery is to be completed by November 15, 1941.

The delivery of Surgical Needles continues to lag far behind schedule. There is in reality only one surgical needle manufacturer in the United States - The Anchor Products Company, Chicago, Illinois. The Torrington Company, of Torrington, Connecticut, has gone into this business during the emergency and has produced a very satisfactory product. However, with all imports from abroad practically cut off, the combined efforts of these two companies are insufficient to answer the call from the Army and Navy and furnish the large requirements for civil hospitals.

In the week ending September 12, the percentage of sick within the continental limits of the United States was 3.46. There were 3.22 percent in hospital and .24 percent in quarters.

MEDICAL DEPARTMENT - SELECTED ITEMS - DELIVERY STATUS F.Y. 1941 PROGRAM - SEPT. 8, 1941










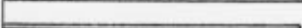






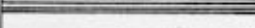
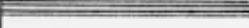




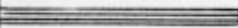
Source of Information: Medical Department Procurement Progress Reports

The 1941 program on all Selected Items is now completely contracted.

Item	1941		Percent of program Delivered
	Program	Delivered	
Ether (for anesthesia)	1,026,496	100	=====
Quinine sulfate, 5 gr. tab.	109,960	100	=====
Plaster, adhesive, 1"	1,167,106	100	=====
Drill, cranial, brace for	1,250	100	=====
Drill, cranial, burr for, 1-cm.	1,350	100	=====
Drill, cranial, drill for, 1-cm.	1,350	100	=====
Rasparatory, rib, left	1,500	100	=====
Rasparatory, rib, right	1,500	100	=====
Pajama coat, summer	933,553	100	=====
Pajama trousers, summer	933,553	100	=====
Iodine swab, 1½ cc.	250,000	100	=====
Basic instrument set case, empty	3,200	100	=====
Autoclave, lab., field	50	100	=====
Carrier, field, collapsible	2,250	100	=====
Litter, aluminum pole	23,000	100	=====
Drill, cranial, drill for, 2-cm.	1,600	100	=====
Plaster, adhesive, 3"	1,175,132	98	=====
Mattress, inner spring	24,987	98	=====
Bed, folding	25,000	94	=====
Drill, cranial, burr for, 2-cm.	1,350	92	=====
Pillow, feather	271,010	91	=====
Bed, hospital	21,540	89	=====
Cotton, absorbent, roll	942,000	88	=====
Bed, adjustable	21,927	88	=====














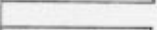
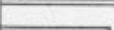
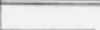








MEDICAL DEPARTMENT - SELECTED ITEMS - DELIVERY STATUS F.Y. 1941 PROGRAM - SEPT. 8, 1941

Source of Information: Medical Department Procurement Progress Reports

Item	Percent of program		Delivered
	1941 Program		
Cotton, absorbent, compressed	400,000	83	
Shears, rib	1,500	82	
Gauze, plain, 100 yards	320,000	73	
Bandage, gauze, compressed, 3"	130,150	72	
Bandage, gauze, roller, 4"	330,000	70	
Mattress, cotton	126,015	70	
Needle, skin suture, 3½"	4,928	67	
Clamp, intest., anastomosis	1,425	67	
Bandage, gauze, roller, 2"	850,000	65	
Iodine & potassium iodide tubes	750,000	62	
Sheet	1,848,460	62	
Robe, bath	420,816	61	
Blanket, white	100,187	60	
Needle, surg. reg., #10, ½-curved	3,000	59	
Needle, eye, size 1, ½-circle	12,200	59	
Needle, abdom., 2 7/8", str.	112,200	55	
Splint, strap	20,646	53	
Gauze, plain, 25 yards	145,000	52	
Bandage, gauze, roller, 3"	535,000	51	
Splint set case, empty	5,000	50	
Needle, cervix, size 1, 3/8-circle	1,000	50	
Needle, eye, size 3, ½-circle	4,000	50	
Needle, skin suture, 2½"	5,000	50	

MEDICAL DEPARTMENT - SELECTED ITEMS - DELIVERY STATUS F.Y. 1941 PROGRAM - SEPT. 8, 1941

Source of Information: Medical Department Procurement Progress Reports

Item	1941		Percent of program Delivered
	Program	Delivered	
Dressing, first aid, small	4,700,000	49	
Needle, intest., size 1½", str.	45,500	49	
Needle, surg. reg., #18, ½-curved	3,000	42	
Thermometer, clinical	1,360,156	41	
Needle, kidney & liver, ½-curved	1,000	40	
Needle, kidney & liver, straight	1,000	40	
Needle, surg. reg., #14, 3/8-cir.	4,200	40	
Needle, surg. reg., #18, 3/8-cir.	6,300	40	
Needle, eye, size 4, 3/8-circle	6,100	34	
Needle, cervix, size 3, 3/8-circle	1,500	33	
Needle, eye, size 4, ½-circle	4,750	33	
Needle, uterine, size 0, ½-circle	1,500	33	
Needle, surg. reg., #8, 3/8-cir.	5,750	32	
Dressing, first aid, large	4,000,300	31	
Needle, intest., size 3, ½-circle	18,600	23	
Needle, catgut, size 4, ½-circle	84,000	20	
Needle, surg. reg., #6, 3/8-cir.	75,603	16	
Needle, surg. reg., #12, 3/8-cir.	23,700	15	
Needle, surg. reg., #20, 3/8-cir.	28,500	14	
Clamp, bone, plating	1,400	14	
Needle, uterine, size 7, ½-circle	18,750	11	
Needle, uterine, size 1, ½-circle	18,000	9	
Needle, catgut, size 2, ½-circle	80,000	7	
Needle, uterine, size 5, ½-circle	75,603	2	

TEXT SUMMARY - CHEMICAL WARFARE SERVICE - STATUS SEPTEMBER 12, 1941

Source of Information: Chemical Warfare Service Reports

PROGRAM figures in this report include all programs for Fiscal Years 1940, 1941 and 1942.

PRODUCTION: Chemical Warfare Service reports show a slight decrease in production and delivery of many items.

GAS MASKS: Service Gas Masks assemblies reported this week total 51,240 units. No Diaphragm Masks were delivered. A shortage of lenses is delaying the necessary 291 Optical Masks that are required to complete all 1941 contracts. There were 13,020 Training Masks reported delivered.

EXTRA GAS MASK CANISTERS: A delivery of 7,713 Optical Canisters completed all 1941 contracts. There were 100 Service Canisters delivered in the second period of this month.

MUSTARD GAS: The Mustard Gas production for this week is reported as 7.1 tons. In addition, 178 tons were produced but were used in Ordnance Shell filling.

PROTECTOR COLLECTORS: The Chemical Warfare Service has orders for a great many Field Collector Protectors and additional canisters; a large percent of which are to be used in the Panama, Phillipine, and Hawaiian Departments. The present method of procurement is limited due to the facilities of manufacture. The Service has been awarded an A-1-c priority rating; however, they reported that such a priority rating will not give them deliveries of the necessary machine tools required for mass production.

IMPREGNITE "I": Edgewood Arsenal reports production of 9.2 tons of Impregnite "I" of which 6.49 tons were accepted. The remaining 2.71 tons are still undergoing inspection.

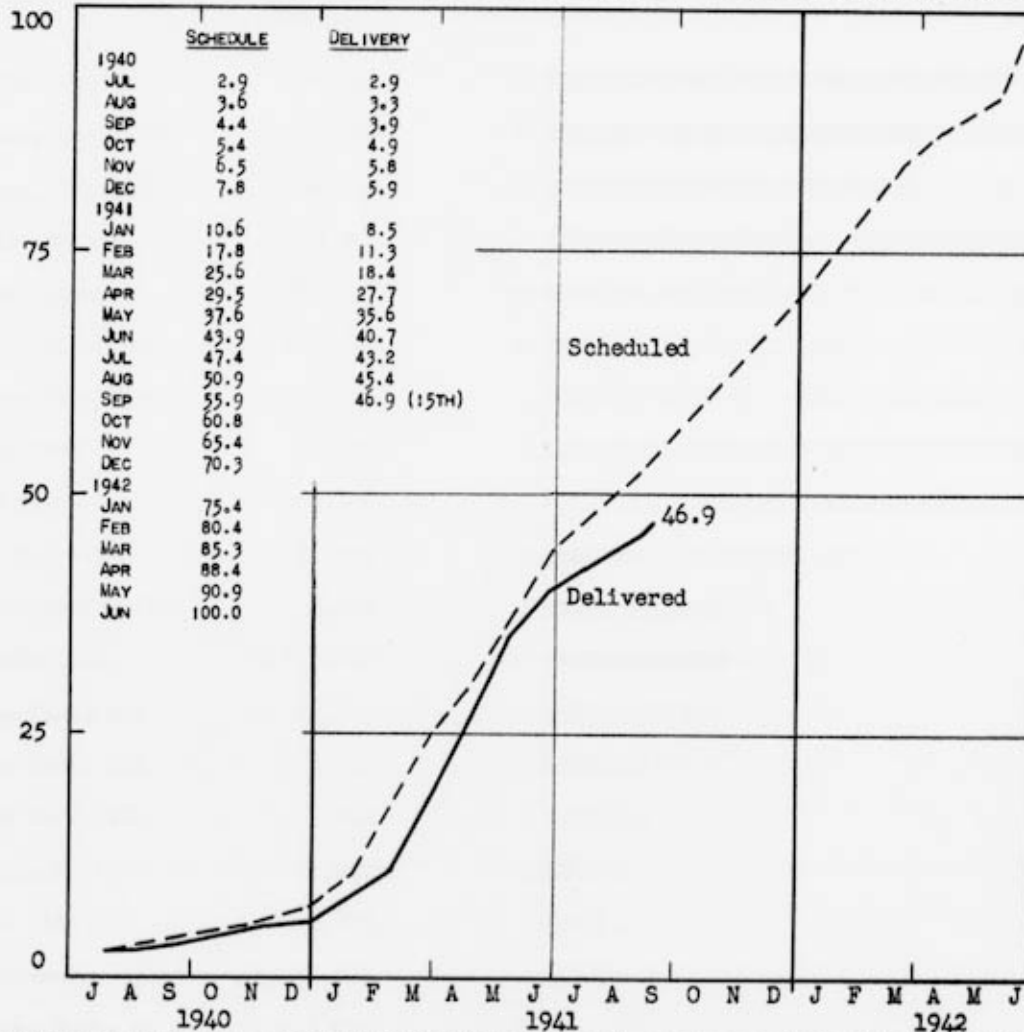
VARIOUS DELIVERIES: There were 12,875 Dust Respirators; 150 Irritant Candles; 2,526 Smoke Pots, and 529 Gas Mask Regimental Repair Kits delivered during the second quarter of the month. Reports show a delivery of 711,006 eight-ounce tubes of Shoe Impregnite by Globe Crayon Company.



PROCUREMENT INDEX  
CHEMICAL WARFARE

SELECTED CRITICAL ITEMS

Source of Information: Chemical Warfare Service      Status September 12, 1941



Index shows status of Chemical Warfare Materiel procurement for the Fiscal Years 1940, 1941 and 1942 including the First Supplemental Appropriation Act.

Figures are based upon the scheduled and actual deliveries of 15 Critical Items, which have been weighed according to the estimated unit cost of each.

PROCUREMENT PROGRESS  
FISCAL YEARS 1940-41-42  
CRITICAL ITEMS

Source of Information: Chemical Warfare Service September 5, 1941

	Total Programs 1940-41-42	Percent Delivered	Percent Contracted
Mask, Gas, Optical	116,623	99	100
Mask, Gas, Diaphragm	1,360,802	68	100
Mask, Gas, Service	3,496,234	62	100
Canister, Optical	46,362	42	100
Canister, Service	1,511,183	22	100
Canister, Diaphragm	482,478	16	100
Apparatus Dec. Power	1,184	1	100
C.G. Gas (ton)	14	0	100
CNS Gas (ton)	1,265	0	100
Mustard Gas (ton)	22,930	15	50
White Phosphorus (ton)	8,968	8	34
F.S. Smoke (lb)	1,603,700	33	33
Airplane Tanks M10	22,840	0	26
Airplane Tanks M20	940	0	17
Airplane Tanks M21	940	0	17
Agent Bleach (ton)	1,967	5	11
Lewisite (ton)	2,238	0	11
Agent Non-corr. (gal)	1,158,395	4	7
Incendiary Bombs Br 4	74,913,935	0	
Incendiary Bombs Br 40	2,160,680	0	

PROCUREMENT PROGRESS  
FISCAL YEARS 1940-41-42  
SELECTED ESSENTIAL ITEMS

Source of Information: Chemical Warfare Service

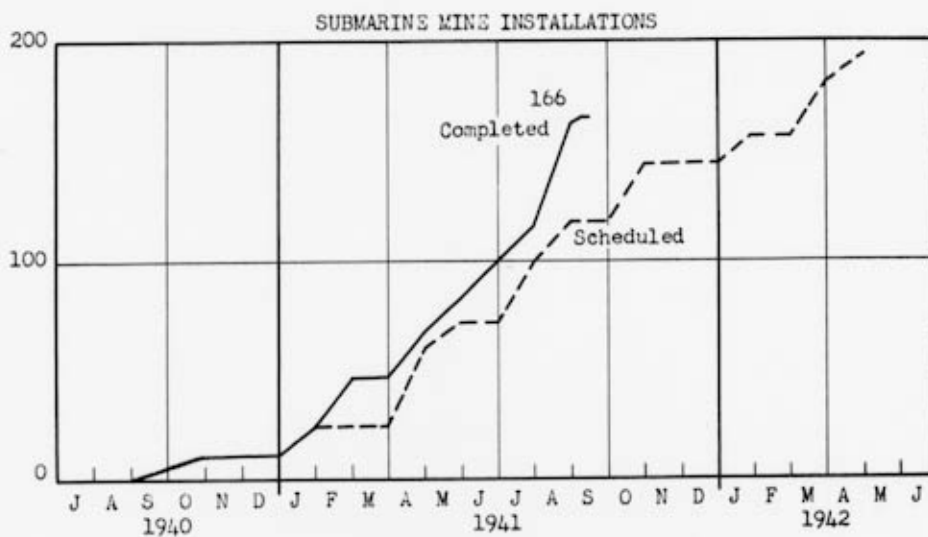
September 12, 1941

	Total Programs <u>1940-41-42</u>	Percent Delivered	Percent Contracted
Repair Kits, Mask Co.	59,209	100	100
Cylinders, Portable	592	100	100
Antidim Sets	1,751,000	100	100
Decont. Equip. (gal)	54,077	95	100
Alarms, Gas	36,438	86	100
Candles, D.M.	11,030	78	100
Gas Mask Training	2,482,951	73	100
Shell, C.M.	18,900	21	100
Ident. Sets Inst.	4,131	19	100
Smoke Pots	138,918	19	100
Ident. Sets Det.	5,038	11	100
Field Laboratories	8	0	100
Shell, L.P.	24,327	0	100
Prot. Coll. Field	2,800	0	100
Curtains Gas Proof	273,417	2	98
Kits, Gas Mask Sr. Reg.	3,235	86	92
Impregnite Shoe	4,796	7	76
Container Steel (ton)	27,172	12	72
Dust Respirators	715,176	25	52
Impregnite I	5,680	7	46
Prot. Ointment	6,993,366	3	84
Flame Thrower	1,000	0	2

COAST ARTILLERY CORPS - SUBMARINE MINE INSTALLATIONS - SEPTEMBER 15, 1941

Source of Information: Office, Chief of Coast Artillery

Below is a diagram of the scheduled and completed installations of submarine mine groups. With it is a table of locations and completion dates of the three incomplete projects.



INCOMPLETED GROUPS

<u>Location of project</u>	<u>Number of groups</u>	<u>Completion date</u>
*Delaware Bay	17	Mar '42
Portland	10	Apr '42
Southern New York	4	Apr '42
	<u>31</u>	

\* 8 of 25 completed

**SECRET**  
TO BE KEPT IN THE POSSESSION OF THE  
OFFICER TO WHOM ISSUED AND LOCKED  
UP WHEN NOT IN USE.

*BF  
War*

WEEKLY STATISTICAL REPORT

No. 13

**RELEASED**  
*Leonard P. Ayres*  
BRIGADIER GENERAL LEONARD P. AYRES  
DIRECTOR, STATISTICS BRANCH

**SUMMARY**

Franklin D. Roosevelt Library  
**DECLASSIFIED**  
DOD DIR. 5200.9 (9/27/58)

Date- *3-5-59*

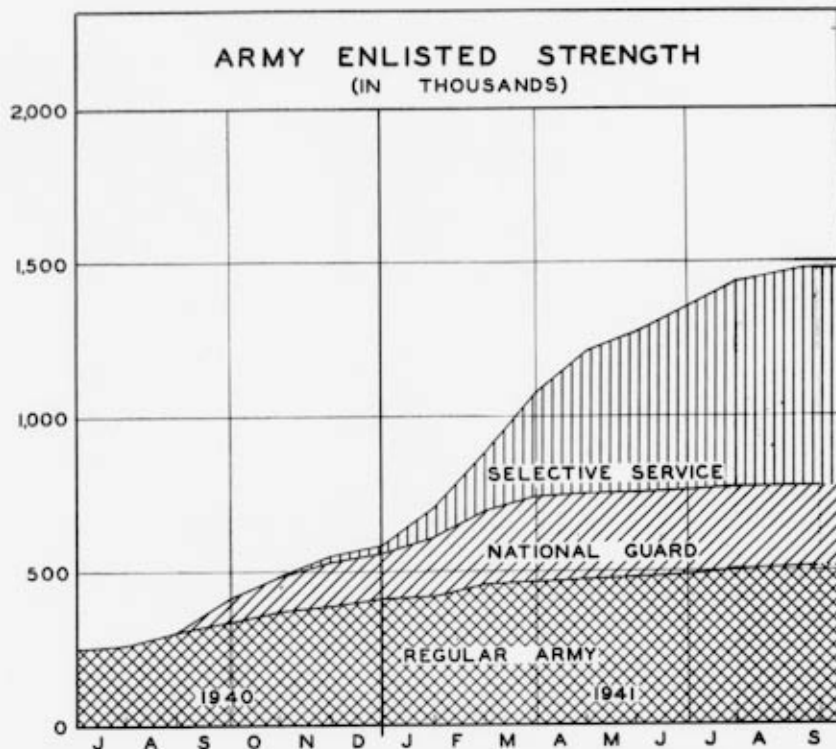
Signature- *Carl S. Spicer*

STATISTICS BRANCH  
OFFICE OF THE UNDER SECRETARY OF WAR  
WAR DEPARTMENT

Copy No. SB-1342-1 Issued to THE PRESIDENT

WEEKLY STATISTICAL SUMMARY  
 REPORT # 13  
 SEPTEMBER 27, 1941

<u>GENERAL</u>	Page	<u>QUARTERMASTER CORPS</u>	Page
Army Strength .....	1	Text Summary - Q.M. Procurement .....	28
Editorial Comment .....	2	Diagrams:	
Editorial Comment - Diagram .....	3	Group Proc. of Basic Items .	29
Cost of Living .....	4	Proc. of Motor Vehicles ....	30
Raw Materials .....	5	Proc. of Fruits & Vegetables	31
		Text Summary - Q.M. Construction ....	32
		Diagram: Cumulative Constr. Progress.	33
 <u>DEFENSE AID</u>		 <u>SIGNAL CORPS</u>	
Schedules - Tactical Airplanes .....	6	Text Summary .....	34
		Diagrams:	
 <u>ORDNANCE DEPARTMENT</u>		Proc. of Radio Equipment ...	35
Text Summary .....	7	Proc.-Wire Communication ...	36
Distribution of Awards .....	8	Progress of Deliveries .....	37
Equipment Proc. - Tab. Sum. ....	9	Progress of Deliveries .....	38
Tactical Equip. - Initial Req. ....	10	 <u>CORPS OF ENGINEERS</u>	
Tactical Equip. - Total Requirements.	11	Text Summary - Procurement Progress .	39
Ammunition Proc. - Tab. Sum. ....	12	Diagram: Status of 6 Selected Items.	40
Explosives - Production .....	13	Diagram: Status of 6 Selected Items.	41
Small Arms Ammunition .....	14	Text Summary - Air Corps Construction	42
New Facilities - Progress .....	15	 <u>MEDICAL DEPARTMENT</u>	
New Facilities - Progress .....	16	Text Summary .....	43
New Facilities - Progress .....	17	Diagrams:	
New Facilities - Progress .....	18	Bed Capacity of Hospitals ..	44
New Facilities - Progress .....	19	Delivery Status, Critical It.	45
		Delivery Status, Critical It.	46
 <u>AIR CORPS</u>		 <u>CHEMICAL WARFARE SERVICE</u>	
Text Summary - Aircraft Procurement .	20	Text Summary .....	47
Tab. Sum. - Current Proc.-Air Corps .	21	Diagram: Gas Masks .....	48
Diagrams: Airplanes & Engines		Status of Gas Mask Program .....	49
Heavy & Medium Bomber .....	22	 <u>COAST ARTILLERY CORPS</u>	
Light Bomber & Observation.	23	Text Summary - Procurement Progress .	50
Pursuit .....	24	Diagram: Submarine Mine Installations	51
Transport & Amphibian .....	25		
Primary & Basic Trainer ...	26		
Advance Trainer .....	27		



Army strength is the basis for computing requirements for many articles to be procured. The data from July, 1940 to September 25, 1941 are shown in the diagram and table. They refer to enlisted strength at the end of each month, with the exception of the final preliminary figure.

Total		Total		Total	
Jul 1940	268,941	Jan 1941	693,578	Jul 1941	1,429,188
Aug	302,968	Feb	873,667	Aug	1,472,000
Sep	407,613	Mar	1,068,030	Sep 25	1,488,500
Oct	483,218	Apr	1,205,873		
Nov	540,695	May	1,265,211		
Dec	573,520	Jun	1,361,462		

Source of Information: Statistics Branch, General Staff, September 25, 1941

Army Strength

TEXT SUMMARY - EDITORIAL COMMENT - Tallied from a uniform list of leading papers in cities of the 12 Federal Reserve Districts, by weeks ended each Wednesday.

Source of Info.: Dept. Research & Economics - Cleveland Trust Co. Sept. 24, 1941

Fear of inflation has increased. The commentators are alarmed about the continuing rise of wholesale prices and, with renewed insistence, are urging swift passage of price control legislation. A majority believes, however, that the bill in its present form is inadequate.

Three factors are held responsible for the current price rises. They are: wage increases, Government action resulting in higher farm prices, and Government spending. To prevent further price increases the commentators urge that wages, as well as prices, be subjected to control, that farm prices be held down and to that end farm surpluses be released, and that drastic cuts be made in non-defense spending.

The new lease - lend appropriation is commended, and the belief is general that little opposition will be encountered in Congress.

Aid for Russia is still opposed by a considerable number of commentators and many of those who favor aid appear to have taken this stand with something like reluctance. Support for aid to Russia has increased markedly, however, since the beginning of the serious reverses in the Ukraine. Sentiment has arisen in favor of placing aid for Russia on a lease - lend basis.

Criticism of defense progress has again declined. This decline appears to be due primarily to the conviction that the Supply Priorities and Allocation Board has taken the situation in charge with vigor and direction. The largest item on the list of criticism this week is slowness of aid to Britain.

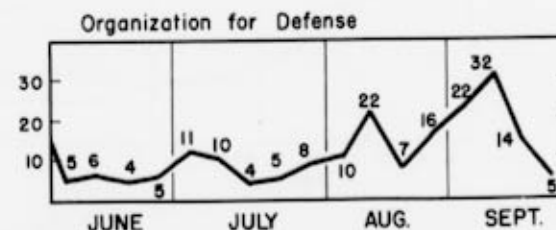
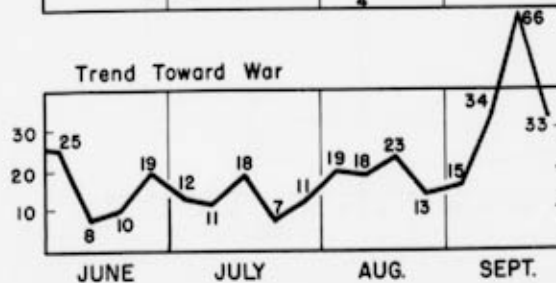
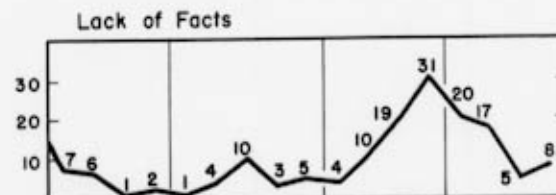
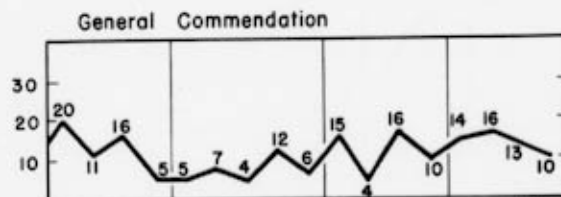
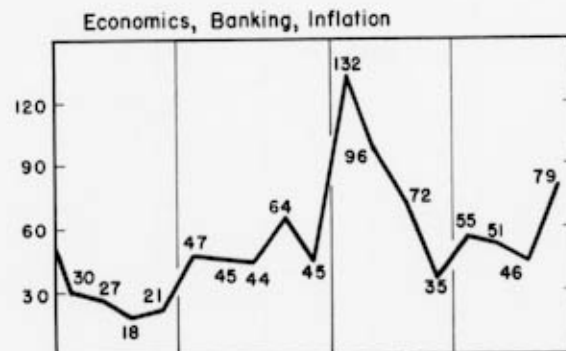
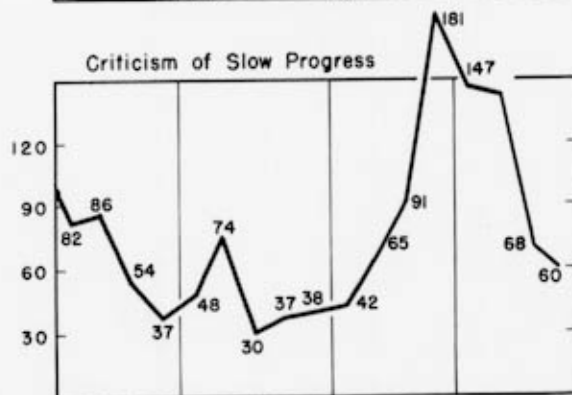
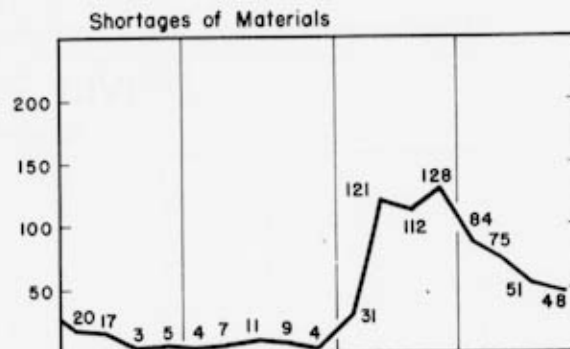
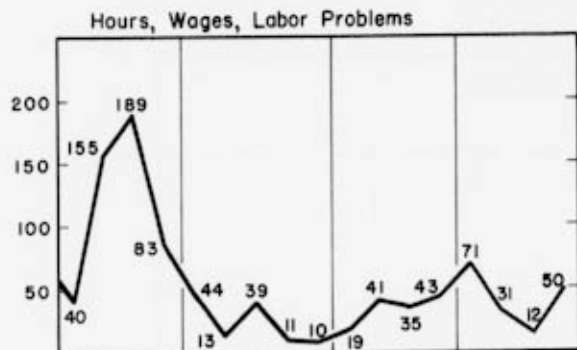
TABULAR SUMMARY

<u>ECONOMICS, INFLATION Tallies</u>		<u>THE EMERGENCY</u>		<u>TREND TOWARD WAR</u>	
Danger of inflation	12	Repeal Neutrality Act	14	We are trending	4
Inflation is here	4	For Biddle reading	2	For seas freedom	14
Cut Govt. spending	13	Congress disregarded	1	Arm merchant ships	1
Hold farm prices down	12	For aid to Russia	3	For declaring war now	5
For price-wage control	16	Greater aid to Russia	7	Do not go to war	2
For Baruch plan	4	Lease-lend to Russia	2	Govt. wants war	2
Tighten credit controls	1	Against aid to Russia	2	Govt. does not want war	1
Price bill too lenient	1	Reduce Army size	7	War up to Hitler	2
For swift passage	9	Army morale good	1	We are at war	2
Forced saving if needed	1				
Against forced saving	1	<u>LACK OF FACTS</u>		<u>ORGANIZATION PROBLEMS</u>	
For a sales tax	1	About naval actions	2	For Stettinius appt.	3
Approval of tax bill	4	About foreign policy	4	Single authority needed	2
		Defense in general	2		
<u>GENERAL COMMENDATION</u>		<u>AID FOR BRITAIN</u>		<u>GENERAL CRITICISM</u>	60
SPAB	3	For new appropriation	5	HOURS, WAGES, LABOR	50
Draft administration	4	Against appropriation	1	MATERIAL SHORTAGES	48
Defense organization	1	Sending too much aid	1	GOVT. AND BUSINESS	5
Standardization plans	1	Convoy to Britain	1	ST LAWRENCE SEAWAY	1
Ship construction speed	1			MISCELLANEOUS	7



EDITORIAL COMMENT ON PROGRESS OF PREPAREDNESS - Tallied from a uniform list of papers in large cities of the 12 Federal Reserve Districts by weeks ended each Wednesday.

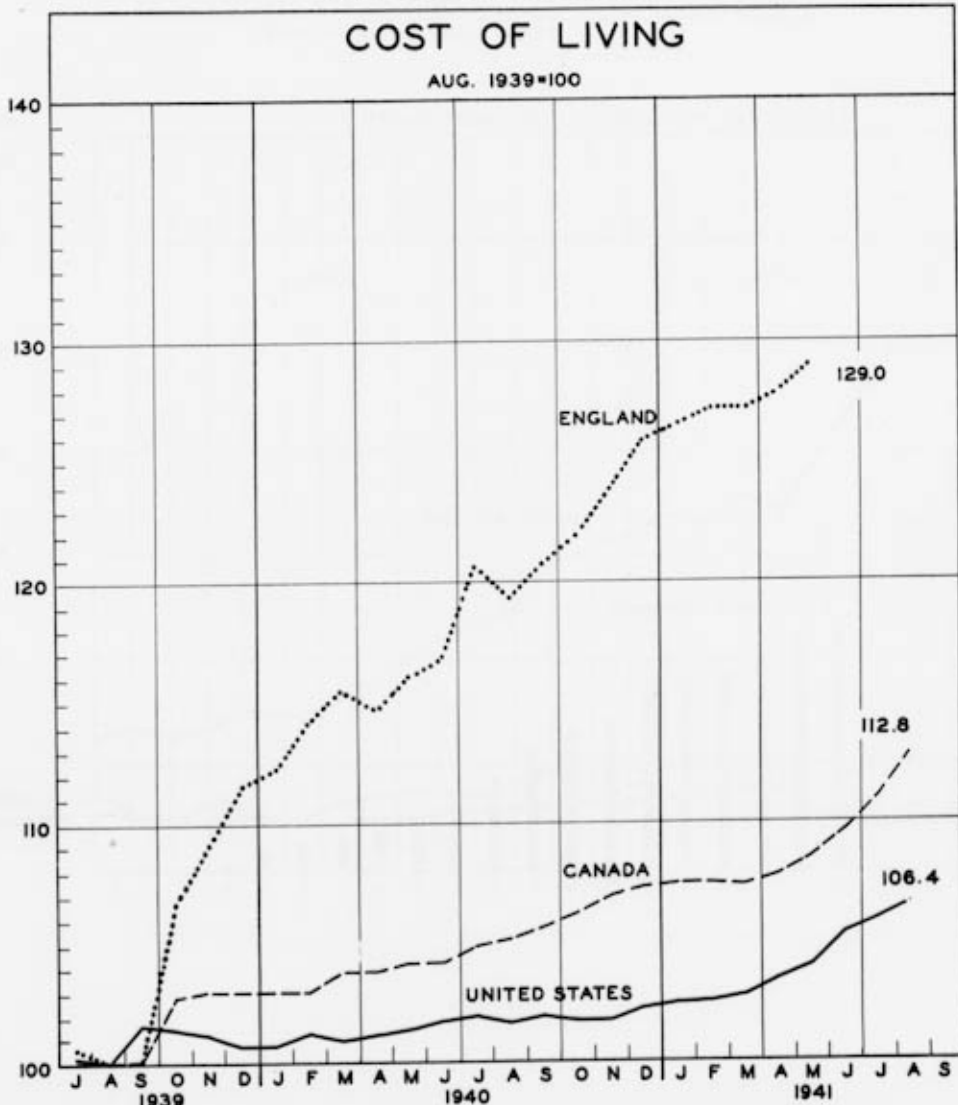
Source of Information: Department of Research and Economics - Cleveland Trust Company



### COST OF LIVING

Since June living costs have risen more sharply in Canada than in the United States. The latest report from England indicates no change in the cost of living from May to June. From the outbreak of the war living costs have increased 6.4 percent in the United States, 12.8 percent in Canada, and 29.0 percent in England.

Sources of Information: British Ministry of Labour, Dominion Bureau of Statistics and The National Industrial Conference Board.

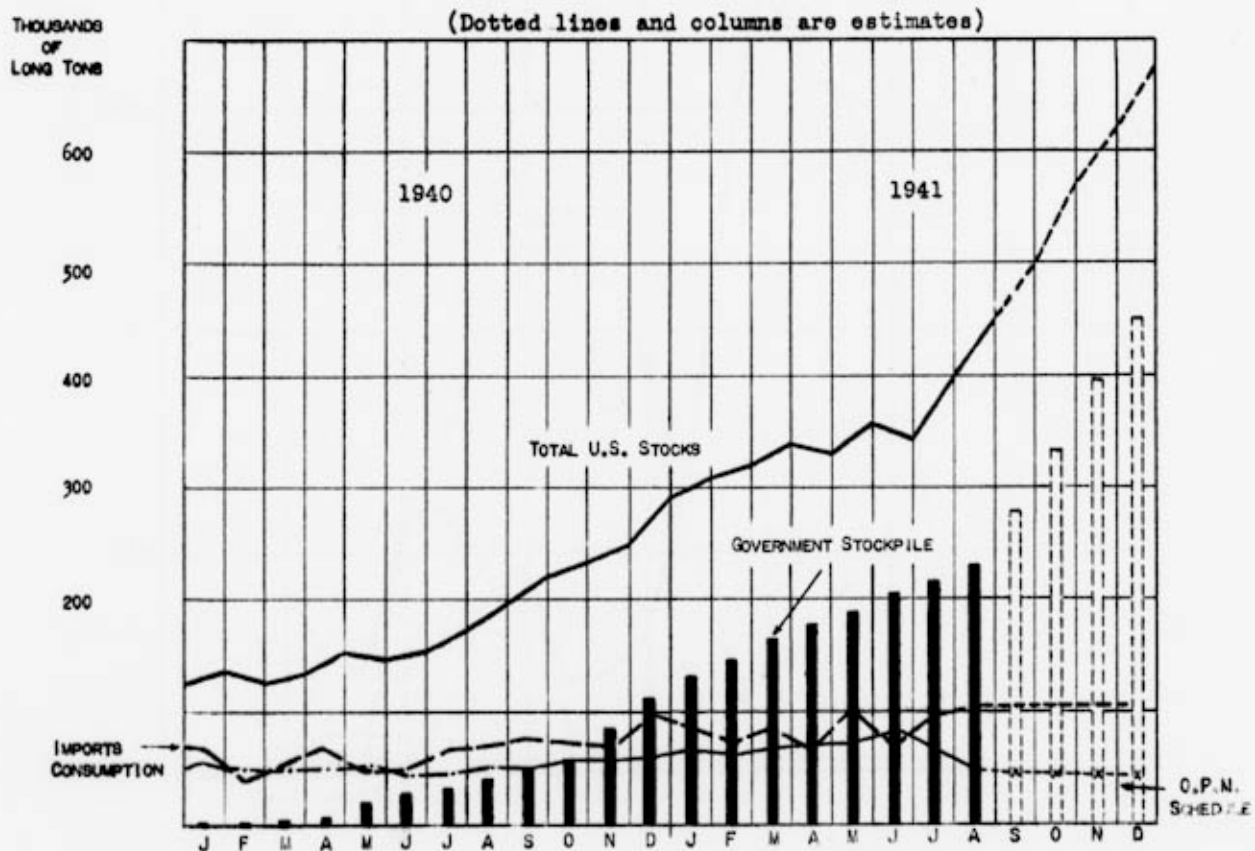


## RUBBER STOCKPILE

Source of Information: The Rubber Manufacturers Association Inc.

Approximately 450,000 long tons of rubber will be in the Government's stockpile of strategic materials at the end of 1941. This amount is 87 percent of the total of 518,000 tons recommended. Consumption in 1941 is estimated at 745,000 tons, an all-time high record.

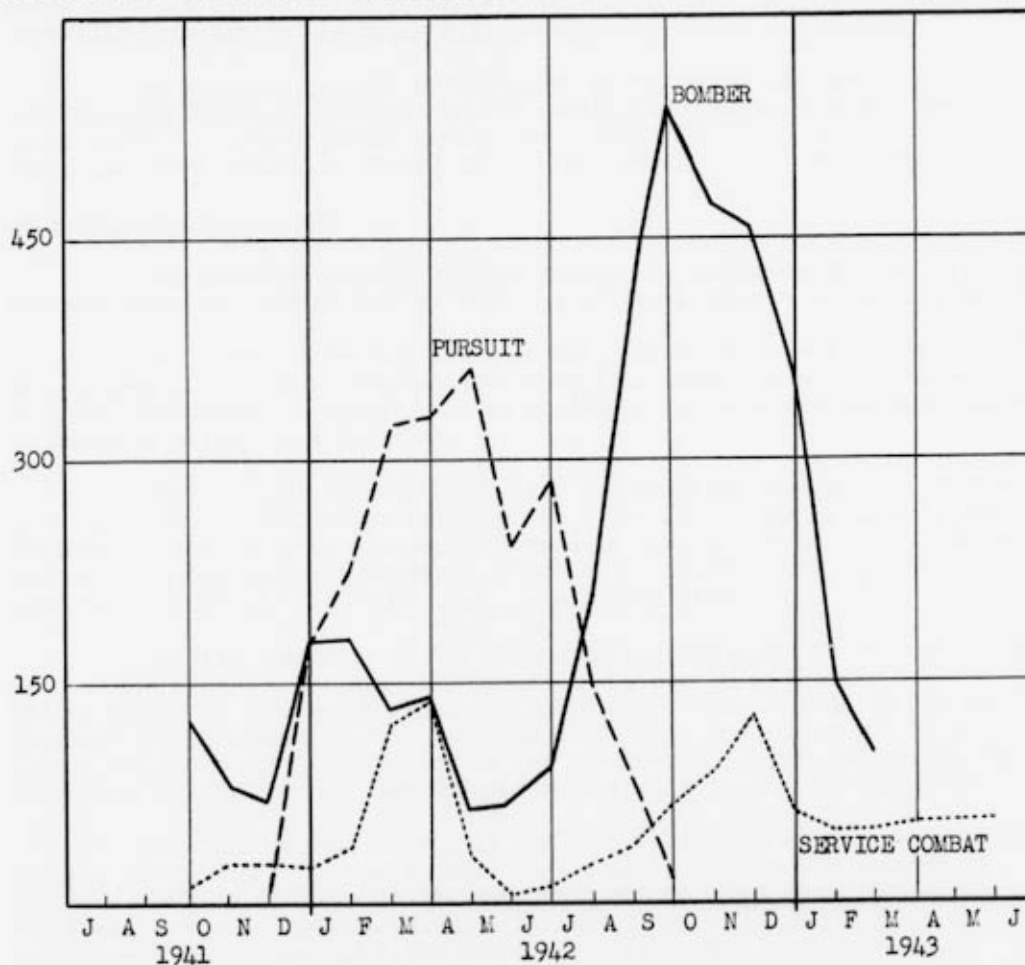
### UNITED STATES RUBBER IMPORTS, CONSUMPTION, AND STOCKS (Thousands of Long Tons)



DEFENSE AID - SCHEDULES - TACTICAL AIRPLANES

Source of Information: Consolidated Statistical Report-Air Corps

Manufacturers' Estimates - Monthly Deliveries - Contracts Current August 31, 1941



Airplane Type	Cumulative Deliveries - Quarters Ended as Shown						
	4th 1941	1st 1942	2nd 1942	3rd 1942	4th 1942	1st 1943	2nd 1943
Bomber	332	792	1022	2209	3482	3732	3732
Pursuit	183	1068	1963	2199	2199	2199	2199
Service Combat	80	380	430	566	845	997	1107

TEXT SUMMARY - ORDNANCE DEPARTMENT - SEPTEMBER 27, 1941

Source of Information: Ordnance Department, General Staff and OUSW

GENERAL

The geographical distribution of ordnance awards to industry for supplies from 1941 appropriations is shown on the following page. The total value of these awards is approximately \$1,700,000,000, and their volume is naturally heaviest in the industrial states.

In addition, nearly \$900,000,000 of contracts for new facilities, and close to \$1,000,000,000 orders for manufacture by Arsenal and New Ordnance Facilities, were placed during the fiscal year 1941. These contracts and orders were generally placed in the less heavily industrialized states.

SMOKELESS POWDER AND TNT

The diagrams on page 13 show actual and estimated deliveries of TNT and smokeless powder, two of the most critical ammunition components.

All three production lines at the Radford smokeless powder plant are in operation. It is planned to double this month the actual delivery of 1,827,233 pounds in August, and to quadruple these deliveries with close to capacity output this December.

Four of Indiana's six smokeless powder lines have been in operation since June. Deliveries increased to 5,689,253 pounds in August, and further increase to over 12,000,000 pounds is planned for December. Operation of last two lines is expected to begin in January, 1942, and capacity production of about 15,600,000 tons, some months later.

Initial operation of the Weldon Spring TNT plant is estimated for October 1 and of the Kankakee TNT plant for October 15. Production by Weldon Spring is planned to remain at 1,000,000 pounds a month in October, November and December, whereas Kankakee deliveries are placed at 800,000 pounds for October, 3,000,000 pounds for November and 6,500,000 pounds for December. Production has been delayed principally because of equipment.

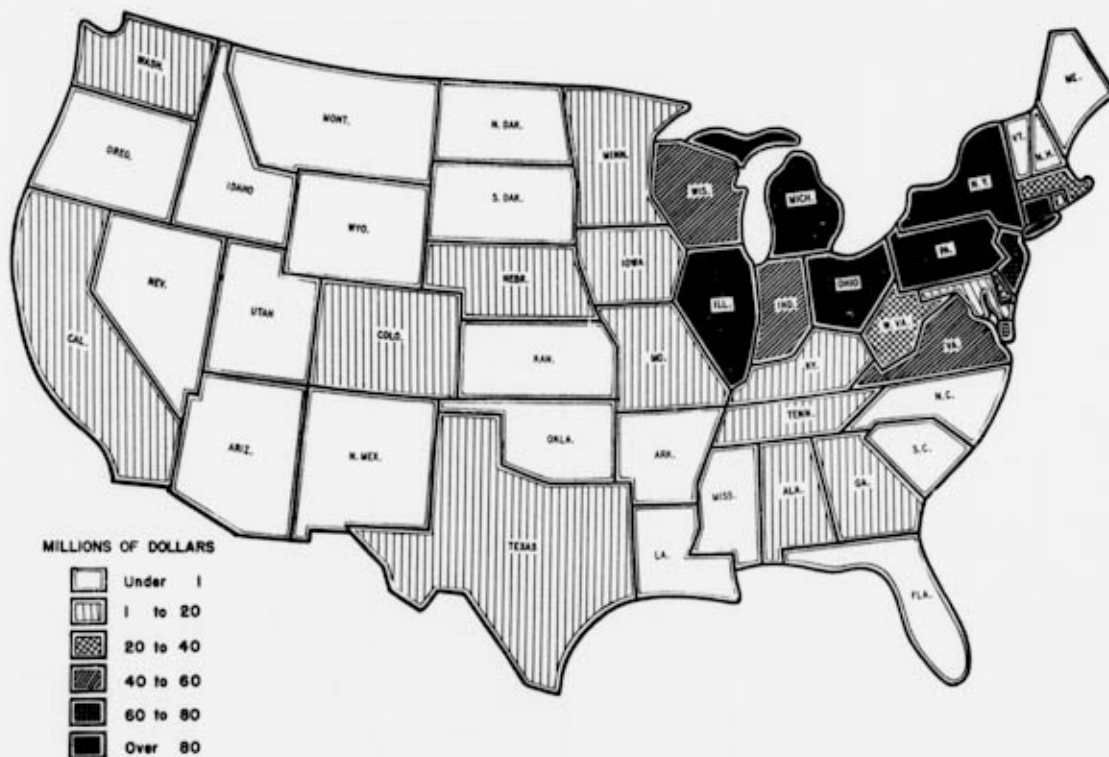
The TNT diagram on page 13 indicates estimated requirements which include actual and projected ammunition loading schedules and demands by the Navy, Defense Aid ammunition, the Engineer and Coast Artillery Corps and Field Service. Total production in August was 2,025,000 pounds, or about one-third of the 6,331,000 pounds requirements. In December, production is planned at 9,425,000 pounds, or more than one-half of the 17,486,000 pounds total requirements.

INCENDIARY CARTRIDGES

Caliber .30 and caliber .50 Incendiary cartridges are being produced and are scheduled for testing against German type constructions of leak-proof gasoline tanks.

DISTRIBUTION OF ORDNANCE AWARDS TO INDUSTRY - JULY 31, 1941

Source of Information: Ordnance Department



AWARDS PER STATE IN MILLIONS OF DOLLARS

Ala.	11.1	Ind.	52.2	Mont.	*	Pa.	336.6
Ariz.	0.0	Iowa	4.4	Nebr.	3.4	R.I.	4.4
Ark.	0.0	Kan.	*	Nev.	0.0	S.C.	0.6
Cal.	14.6	Ky.	1.0	N.H.	0.4	S. Dak.	*
Colo.	4.5	La.	*	N.J.	76.9	Tenn.	4.0
Conn.	157.6	Me.	0.1	N. Mex.	0.0	Texas	3.5
Del.	38.9	Md.	19.2	N.Y.	199.8	Utah	*
D.C.	36.9	Mass.	31.1	N.C.	0.1	Vt.	0.7
Fla.	0.8	Mich.	244.7	N. Dak.	0.0	Va.	42.2
Ge.	12.7	Minn.	2.8	Ohio	197.2	Wash.	1.1
Idaho	*	Miss.	*	Okla.	*	W. Va.	21.9
Ill.	125.8	Mo.	4.6	Oreg.	0.8	Wis.	48.6
						Wyo.	0.0

\* Under \$50,000.

TABULAR SUMMARY - ORDNANCE - EQUIPMENT PROCUREMENT - AUGUST 31, 1941

Source of Information: Fiscal Division and Industrial Service, Ordnance Department

Item	Total procurement program	Delivered thru August 31	Percent of total program			
			Con-tracted	Sched-uled	Due	Deliv-ered
<u>Aircraft Armament</u>						
Machine gun, cal.30	90,148	8,231	100	100	9	9
Machine gun, cal.50	207,920	15,837	79	79	8	8
Gun, 20mm, automatic	47,663	0	100	100	0	0
Gun, 37mm, automatic	2,907	93	99	99	3	3
<u>Combat Vehicles</u>						
Tank, light	5,919	1,493	80	80	27	25
Tank, medium	9,848	200	48	29	2	2
Scout car	2,840	2,633	100	93	93	93
Personnel carrier, 8-man	5,792	1,455	100	100	21	25
Personnel carrier, 13-man	5,521	488	100	89	11	9
Machine gun, cal.30 (Var.)	77,964a	a	a	a	a	a
Machine gun, cal.50 (H.B.)	11,903a	a	a	a	a	a
Submachine gun, cal.45	278,421	79,918	89	89	29	29
Gun, 37mm, tank	13,216	2,626	57	57	18	20
Gun, 75mm, tank	7,264	173	38	38	1	2
<u>Antiaircraft</u>						
Gun, 3"	152	150	100	100	100	99
Gun, 90mm	2,314	18	55	55	1	1
Gun, 37mm	3,195	468	100	100	16	15
Machine gun, cal.50 (W.C.)	25,063	1,268	76	76	6	5
<u>Artillery</u>						
Howitzer, 75mm	958	156	100	100	13	16
Howitzer, 105mm	4,299	61	88	74	2	1
Gun, 155mm	493	18	100	100	5	4
<u>Modernization - H.S.</u>						
Carriage, 75mm gun	2,680	684	50	40	22	26
Carriage, 155mm howitzer	1,442	1,026	99	99	71	71
Carriage, 155mm gun	847	100	78	78	14	12
<u>Infantry Armament</u>						
Rifle, cal.30, M1	1,295,856	257,116	71	54	19	20
Machine gun, cal.30 (Var.)	154,979b	42,062b	85b	66b	27b	27b
Machine gun, cal.50 (H.B.)	31,699b	1,425b	94b	94b	6b	4b
Gun, 37mm, antitank	9,478	696	100	99	7	7
Mortar, 60mm	11,162	4,940	100	91	42	44
Mortar, 81mm	4,705	1,241	95	95	23	26

a. Included in Infantry Armament. Deliveries not reported separately.  
 b. Figures include Armament for Combat Vehicles.

ORDNANCE - INITIAL REQUIREMENTS - TACTICAL EQUIPMENT - SEPTEMBER 23, 1941

Source of Information: Statistics Branch & G-4, General Staff

Item	Initial requirements 1,820,000 Men Number	Stocks in hands of Field Service Number	Percent of requirements					
			%	0	20	40	60	80
<u>Aircraft Armament</u>								
Machine gun, cal.30,fix.&fl.	33,946	11,021	32					
Machine gun, cal.50,fix.&fl.	60,531	14,936	25					
Gun, 20mm, automatic A.C.	1,413	0	0					
Gun, 37mm, automatic A.C.	2,021	54	3					
<u>Combat Vehicles</u>								
Tank, light	2,389	844b	35					
Tank, medium	1,046	38c	4					
Scout car	2,083	2,539d	122					
Personnel carrier, 8-man	3,413	1,276	37					
Personnel carrier, 13-man	4,517	237	5					
Machine gun, cal.30 (Var.)	30,674a	a	-					
Machine gun, cal.50 (H.B.)	5,734a	a	-					
Submachine gun, cal.45	26,705	22,708	85					
Gun, 37mm, tank	3,427	930	27					
Gun, 75mm, tank	1,020	30	3					
<u>Antiaircraft</u>								
Gun, 3" } Gun, 90mm }	1,177	552	49					
Gun, 37mm, A.A.	2,552	466	18					
Machine gun, cal.50 (W.C.)	17,065	1,184	7					
<u>Artillery</u>								
Gun, 75mm (H.S.)	836	707	85					
Howitzer, 75mm, field & pack	177	193	109					
Howitzer, 105mm	2,457	54	2					
Gun, 155mm	95	17	18					
Gun, 155mm (H.S.)	587	148	25					
Howitzer, 155mm (H.S.)	739	1,168	158					
<u>Unmodified &amp; other models</u>								
Gun, 75mm	-	2,670	-					
Gun, 155mm	-	821	-					
Howitzer, 155mm	-	771	-					
<u>Infantry Armament</u>								
Rifle, cal.30, M1, semiauto.	838,601	265,043	32					
Machine gun, cal.30 (Var.)	49,737	39,827	80					
Machine gun, cal.50 (H.B.)	14,737	2,385	16					
Gun, 37mm, antitank	4,892	826	17					
Mortar, 60mm	4,747	4,052	85					
Mortar, 81mm	2,340	1,406	60					

a Included in Infantry Armament.

Stocks exclude substandard models formerly included: (b) 464, (c) 103, (d) 153.



ORDNANCE - TOTAL REQUIREMENTS - TACTICAL EQUIPMENT - SEPTEMBER 23, 1941

Source of Information: Statistics Branch & G-4, General Staff

Item	Total requirements 3,200,000 Men Number	Stocks in hands of Field Service Number	Percent of requirements					
			%	0	20	40	60	80
<u>Aircraft Armament</u>								
Machine gun, cal.30,fix.&fl.	44,269	11,021	25					
Machine gun, cal.50,fix.&fl.	132,534	14,936	11					
Gun, 20mm, automatic, A.C.	4,253	0	0					
Gun, 37mm, automatic, A.C.	2,883	54	2					
<u>Combat Vehicles</u>								
Tank, light	4,946	844b	17					
Tank, medium	2,827	38c	1					
Scout car	4,299	2,539d	59					
Personnel carrier, 8-man	7,896	1,276	16					
Personnel carrier, 13-man	8,647	237	3					
Machine gun, cal.30 (Var.)	69,409a	a	-					
Machine gun, cal.50 (H.B.)	13,398a	a	-					
Submachine gun, cal.45	56,233	22,708	40					
Gun, 37mm, tank	7,878	930	12					
Gun, 75mm, tank	2,797	30	1					
<u>Antiaircraft</u>								
Gun, 3" }	1,856	552	31					
Gun, 90mm }		27						
Gun, 37mm, A.A.	3,055	466	15					
Machine gun, cal.50 (W.C.)	22,966	1,184	5					
<u>Artillery</u>								
Gun, 75mm (H.S.)	1,778	707	40					
Howitzer, 75mm, field & pack	254	193	76					
Howitzer, 105mm	3,733	54	1					
Gun, 155mm	283	17	6					
Gun, 155mm (H.S.)	969	148	15					
Howitzer, 155mm (H.S.)	1,037	1,168	113					
<u>Unmodified &amp; other models</u>								
Gun, 75mm	-	2,670	-					
Gun, 155mm	-	821	-					
Howitzer, 155mm	-	771	-					
<u>Infantry Armament</u>								
Rifle, cal.30, M1, semiauto.	1,539,512	265,043	17					
Machine gun, cal.30 (Var.)	107,943	39,827	37					
Machine gun, cal.50 (H.B.)	32,146	2,385	7					
Gun, 37mm, antitank	9,523	826	9					
Mortar, 60mm	7,927	4,052	51					
Mortar, 81mm	4,566	1,406	31					

a Included in Infantry Armament.

Stocks exclude substandard models formerly included: (b) 464, (c) 103, (d) 153

TABULAR SUMMARY - ORDNANCE - AMMUNITION PROCUREMENT - AUGUST 31, 1941

Source of Information: Industrial Service, Ordnance Department

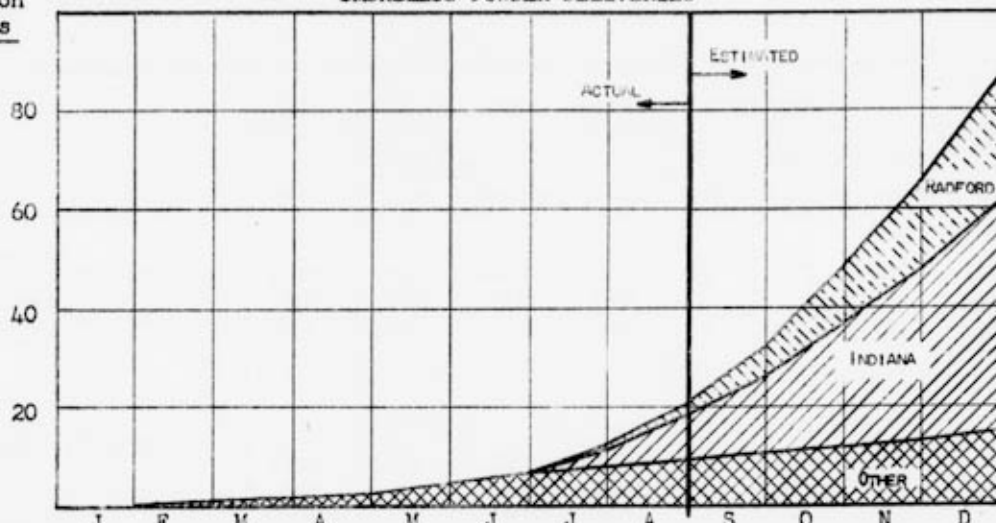
Item	Total procurement program (THOUSANDS)	Delivered thru August 31 (THOUSANDS)	Percent of total program			
			Con-tracted	Sched-uled	Due	Deliv-ered
<b>Aircraft &amp; Pyrotechnics</b>						
Bomb, frag., 20#	2,017	111	85	100	9	6
Bomb, demo., 100#,300#,500#	1,687	115	55	58	9	7
Bomb, demo., 1000#	110	2	13	13	0	2
Bomb, g & s, 30#, 100#	601	99	59	83	32	16
Cartridge, 20mm	110,882	735	11	4	-	1
Shell, H.E., 37mm	2,098	122	87	90	6	6
Flares	894	199	41	41	26	22
Signals	2,206	652	93	93	34	30
<b>Antiaircraft</b>						
Shell, 37mm, H.E.	17,695	351	72	31	1	2
Shell, 3", H.E.	2,243	48	89	100	3	2
Shell, 90mm, H.E.	3,055	2	58	78	-	-
<b>Artillery</b>						
Shell, H.E., s c, 75mm gun	2,285	97	60	65	4	4
Shell, g & s, 75mm gun	1,108	10	97	99	1	1
Shot, A.P., 75mm gun	8,388	0	19	10	0	0
Shell, H.E., 75mm how.	4,279	238	99	100	6	6
Shell, H.E., 105mm how.	19,710	62	37	25	-	-
Shell, H.E., 155mm gun	1,358	0	72	57	0	0
Charge, prop., 155mm gun	2,248	225	48	49	10	10
Shell, H.E., 155mm how.	4,360	5	72	99	-	-
Shell, g & s, 155mm how.	1,370	324	65	90	24	24
Charge, prop., 155mm how.	6,547	843	70	86	11	13
Primer, 21 gr.	11,140	99	76	73	1	1
Fuzes (All)	13,699	3,082	80	81	22	22
<b>Infantry</b>						
Cartridge, cal.30	8,496,099	499,196	49	56	6	6
Links, met. belt, cal.30	1,011,225	101,563	99	99	10	10
Cartridge, cal.45	820,395	165,985	74	74	20	20
Cartridge, cal.50	2,950,663	59,282	31	31	2	2
Links, met. belt, cal.50	3,070,132	61,388	80	80	3	2
Shot & shell, 37mm	39,846	187	49	18	-	-
Shell, H.E., 60mm	11,310	39	53	42	-	-
Shell, H.E., 81mm	4,116	116	89	92	3	3
Shell, smoke, 81mm	456	0	87	94	0	0
Grenade, H.E., frag.	2,082	198	75	81	3	10
Signals, ground & light	4,179	575	77	81	18	14
Mine, antitank	3,146	0	65	65	0	0

SMOKELESS POWDER AND TNT - ACTUAL AND SCHEDULED DELIVERIES - AUGUST 31, 1941

Source of Information: Industrial Service, Ordnance Department

Million  
pounds

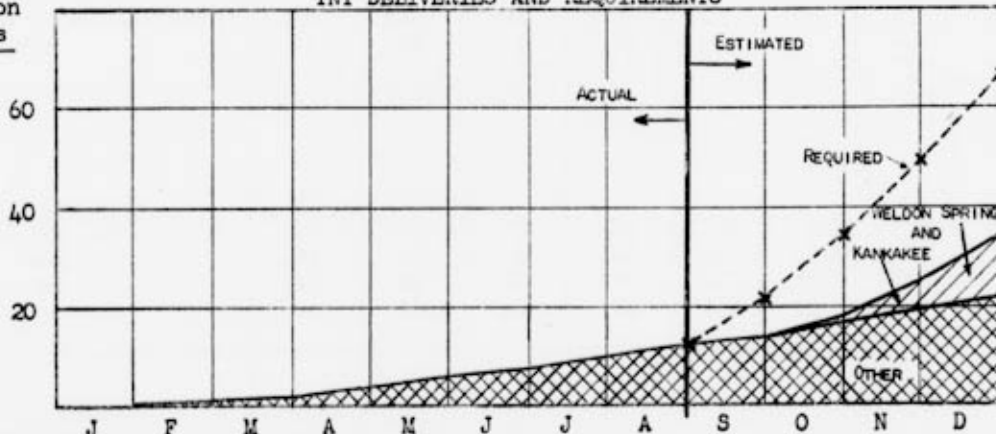
SMOKELESS POWDER DELIVERIES



CUM. (MILLIONS)		1941											
		J	F	M	A	M	J	J	A	S	O	N	D
RADFORD							.9	2.7	6.5	12.0	18.7	26.1	
INDIANA							3.1	8.8	15.2	24.7	34.3	46.9	
OTHER		.1	.9	1.4	2.6	4.8	6.7	8.5	9.7	10.8	12.2	13.6	14.8
<b>TOTAL</b>		.1	.9	1.4	2.6	4.8	6.7	12.5	21.2	32.5	48.9	66.6	87.8

Million  
pounds

TNT DELIVERIES AND REQUIREMENTS



CUM. (MILLIONS)		1941											
		J	F	M	A	M	J	J	A	S	O	N	D
REQUIRED									11.9	21.9	34.6	50.0	67.5
WELDON SPRING AND KANKAKEE											1.8	5.8	13.3
OTHER		.2	1.3	2.1	4.3	6.1	7.7	9.9	11.9	14.1	16.7	19.3	21.2
<b>TOTAL</b>		.2	1.3	2.1	4.3	6.1	7.7	9.9	11.9	14.1	18.5	25.1	34.5

SMALL ARMS AMMUNITION - PROCUREMENT & REQUIREMENTS - AUGUST 31, 1941

Source of Information: Ordnance Department, G-4, and OUSW

	Unit - Million Cartridges							
	Caliber .30				Caliber .50			
	Ball	A.P.	Tracer	Total	Ball	A.P.	Tracer	Total
<u>Requirements</u>								
Ground (3,200,000 Men)	4358	1341	1006	6705	15	1077	303	1395
Air Corps	317	219	131	667	78	933	252	1263
Total	4675	1560	1137	7372	93	2010	555	2658
<u>Procurement Program</u>								
Army	4795	1607	1167	7569	86	2025	570	2681
Navy	148	49	28	225	4	151	57	212
Defense Aid	306	371	20	697	22	26	10	58
Total	5249	2027	1215	8491	112	2202	637	2951
<u>Monthly Expenditure</u>								
<u>Requirements</u>								
Ground (3,200,000 Men)	396	122	91	609	0	92	26	118
Air Corps	15	15	8	38	0	58	14	72
Navy	4.3	7.3	3.7	15.3	1	15.4	7.6	24
Total	415.3	144.3	102.7	662.3	1	165.4	47.6	214
<u>Monthly Deliveries</u>								
Actual Aug '40	9	1	3	13	.2	1.1	.4	1.7
Aug '41	37	2	9	48	0	3.6	1.7	5.3
Sched. Dec '41	95	22	22	139	1.7	30.1	10.7	42.5
Jun '42	94	59	41	194	1.7	54.9	16.7	73.3
<u>Monthly Capacity</u>								
Existing Plants	133	12	14	159	6	11	4	15
New Plants	276	85	64	425	0	108	27	135
Total	409	97	78	584	6	119	31	156

NEW FACILITIES - PROGRESS AS OF SEPTEMBER 15, 1941

Source of Information: Ordnance Department & Production Branch, OUSW

Facility	Construction Percent completed					Equipment Percent delivered							
	0	20	40	60	80	100	0	20	40	60	80	100	
General Motors Corp													
Flint	-	None required					93						
Dayton	-	None required					79						
Saginaw	-	None required					94						
Syracuse	-	None required					90						
Savage Arms Company	-	None required					53						
Colt (Machine Gun)	-	None required					95						
Detroit Tank Arsenal	98						92						
Disston & Sons	100						90						
Mesta Machine Co.	-	None required					90						
Colt (37mm Gun)	-	None required					93						
Bendix Aviation Corp.	100						99						

Facility	Location	Planned Capacity Monthly	Estimated Cost August 31, 1941		Estimated Month			
			Total (THOUS.)	Actually Obligated (PERCENT)	Initial Operation	Full Operation		
<u>Machine Gun</u>								
General Motors	Flint, Mich. } Dayton, Ohio } Saginaw, Mich. } Syracuse, N. Y. }	3,541 } 2,917 }	\$21,251	84	3-41φ	8-41*		
Savage Arms	Utica, N. Y.	3,200			16,717	68	7-41φ	12-41*
Colt	Hartford, Conn.	700			4,818	70	6-41φ	1-42*
<u>Tank</u>								
Detroit	Detroit, Mich.	100	17,996	99	4-41φ	10-41		
<u>Armor Plate</u>								
Disston	Philadelphia, Pa.	483 tons	1,226	92	3-41φ	-		
<u>155mm Gun</u>								
Mesta	W. Homestead, Pa.	44	1,780	95	10-41	1-42*		
<u>37mm Gun</u>								
Colt	Hartford, Conn.	200	4,010	85	6-41φ	9-42*		
<u>20mm Gun</u>								
Bendix	Elmira, N. Y.	200	1,000	-	8-41φ	-		

\* Plant Equipment only.

φ Operations started.

Ordnance

Statistics Branch  
OUSW - 9-27-41



NEW FACILITIES - PROGRESS AS OF SEPTEMBER 15, 1941

Source of Information: Ordnance Department & Production Branch, OUSW

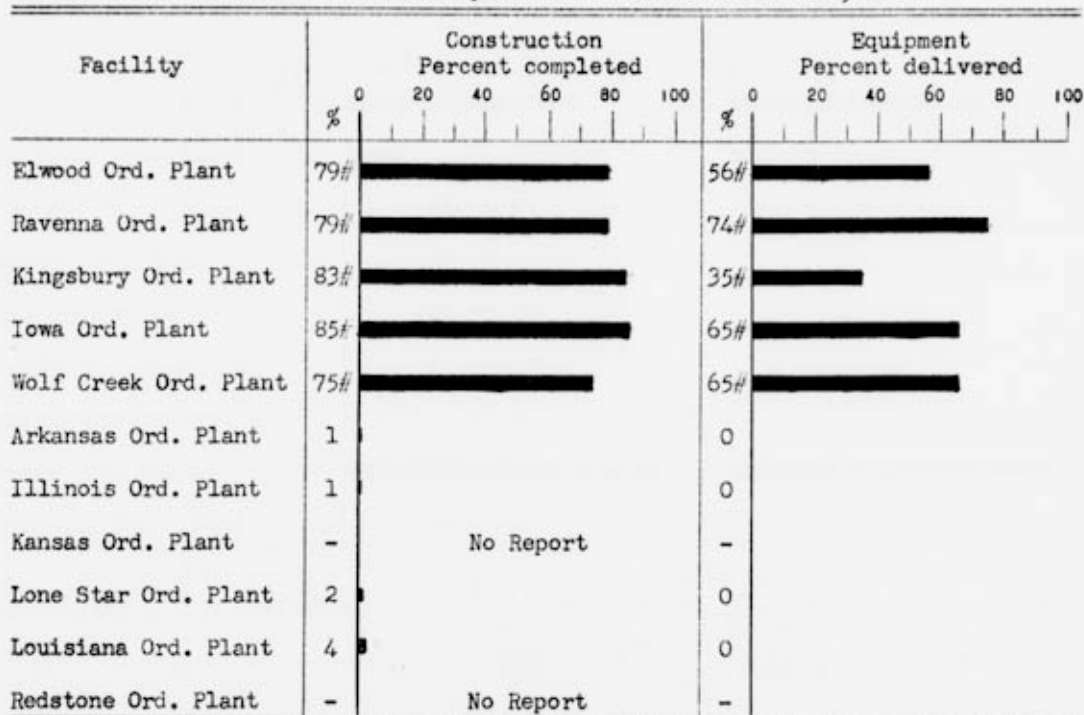
Facility	Construction Percent completed					Equipment Percent delivered							
	%	0	20	40	60	80	100	%	0	20	40	60	80
Hoosier Ord. Plant	76	[Bar to 76%]					99	[Bar to 99%]					
New River Ord. Plant	65	[Bar to 65%]					82	[Bar to 82%]					
Coosa River Ord. Plant	35	[Bar to 35%]					1	[Bar to 1%]					
Mississippi Ord. Plant	2	[Bar to 2%]					0	[Bar to 0%]					
St. Louis Ord. Plant	61#	[Bar to 61%]					56#	[Bar to 56%]					
Lake City Ord. Plant	91	[Bar to 91%]					51	[Bar to 51%]					
Denver Ord. Plant	89	[Bar to 89%]					47	[Bar to 47%]					
Twin City Ord. Plant	1	[Bar to 1%]					0	[Bar to 0%]					
Des Moines Ord. Plant	4	[Bar to 4%]					0	[Bar to 0%]					
Utah Ord. Plant	4	[Bar to 4%]					0	[Bar to 0%]					

Facility	Location	Planned Capacity Monthly (Thous.)	Estimated Cost August 31, 1941		Estimated Month	
			Total (Thous.)	Actually Obligated (PERCENT)	Initial Operation	Full Operation
<u>Bag Loading</u>						
Hoosier	Charlestown, Ind.	4.1 Tons	\$ 26,300	70	9-41#	10-41
New River	Pulaski, Va.	2.7 Tons	11,850	84	9-41	1-42
Coosa River	Sylacauga, Ala.	2.7 Tons	11,736	44	1-42	5-42
Mississippi	Flora, Miss.	2.7 Tons	12,778	-	1-42	5-42
<u>S. A. Ammunition</u>		(Rounds)				
St. Louis	St. Louis, Mo.	200,000	103,587	44	9-41	1-42
Lake City	Lake City, Mo.	65,000	29,952	90	10-41	1-42
Denver	Denver, Colo.	100,000	31,775	87	10-41	2-42
Twin City	St. Paul, Minn.	65,000	31,981	3	4-42	-
Des Moines	Des Moines, Iowa	65,000	32,300	4	4-42	-
Utah	Salt Lake, Utah	65,000	31,695	4	4-42	-

# Does not include additions.  
 # Operations actually started.

NEW FACILITIES - PROGRESS AS OF SEPTEMBER 15, 1941

Source of Information: Ordnance Department & Production Branch, OUSW



Facility	Location	Planned Capacity Monthly	Estimated Cost August 31, 1941		Estimated Month	
			Total (THOUS.)	Actually Obligated (PERCENT)	Initial Operation	Full Operation
Shell Loading						
Elwood	Wilmington, Ill.	4 Lines	\$32,250	96	7-41#	4-42
Ravenna	Ravenna, Ohio	4 Lines	38,667	100	8-41#	2-42
Kingsbury	LaPorte, Ind.	6 Lines	32,018	84	8-41#	4-42
Iowa	Burlington, Iowa	4 Lines	35,092	91	8-41#	3-42
Wolf Creek	Milan, Tenn.	5 Lines	23,756	98	8-41#	2-42
Arkansas	Jacksonville, Ark.	Fuzes & Boosters	21,997	2	1-42	6-42
Illinois	Crab Orchard, Ill.	3 Lines	40,000	-	-	-
Kansas	Parsons, Kans.	3 Lines	35,000	3	1-42	4-42
Lone Star	Texarkana, Texas	5 Lines	35,968	8	1-42	3-42
Louisiana	Minden, La.	4 Lines	19,716	9	1-42	4-42
Redstone	Huntsville, Ala.	Chem.Shell & Bombs	6,000	-	7-42	9-42

# Does not include additions.  
# Operations actually started.





### TEXT SUMMARY - AIRCRAFT PROCUREMENT

Source of Information: Materiel Division - Air Corps  
Labor Section - OUSW

#### AWARDS

Three awards for small observation airplanes have been granted by the Air Corps. The first, covering four YO-57's, was made to Taylor Aviation Corporation, Alliance, Ohio in the amount of \$13,400. The second, covering four YO-58's, was made to Aeronca Aircraft Corporation, Middletown, Ohio in the amount of \$11,300. The third, covering four YO-59's, was made to Piper Aircraft Corporation, Lockhaven, Pennsylvania in the amount of \$12,500.

These airplanes will be tested for liaison use with ground units. They are being procured in connection with the P.Y. 1942 Research and Development Program.

These awards are significant because they mark the entry of leading small place commercial manufacturers into the military field. In the event that the experiment should prove successful, the conversion of these companies into military producers would substantially increase the total United States monthly output of military aircraft.

#### DELIVERIES - SEPTEMBER 15, 1941

No heavy bombers have been delivered to the Army since the second quarter of July. The only bomber production thus far in September consisted of 20 units of the medium type.

Pursuit acceptances continue favorable with 64 units being accepted during the first two quarters of September.

Service combat and trainer acceptances during the first two quarters of September were comparable to the high production of these types in August. Acceptances by the Army during this period consisted of 38 service combat units and 253 trainer units.

#### LABOR DIFFICULTY

With Boeing out of the heavy bomber production picture for some weeks past, a very serious threat to the Air Corps program has arisen in the labor controversy at the Consolidated Aircraft Corporation. Although the production of this company during the past two months has gone to Great Britain, it also holds large Army and Navy contracts.

Work is continuing at Consolidated but the case is before the National Defense Mediation Board. The issue is wage increase. The International Machinists Association has voted to strike next week. The union declines to meet with the company unless given assurance that Consolidated's management is going to meet its demands.

TABULAR SUMMARY - AIR CORPS CURRENT PROCUREMENT - SEPTEMBER 15, 1941

Source of Information: Consolidated Statistical Report - Air Corps

Item	Program			Under contract		Delivered 9/15/41	Not contracted	
	F.Y. 1941 & prior (a)	F.Y. 1942	Total	Num- ber (b)	Per- cent		F.Y. 1941	F.Y. 1942
<u>Project airplanes</u>								
Heavy bomber	2,246	2,656	4,902	4,031	82	91	-	871
Medium bomber	4,616	1,200	5,816	4,616	79	308	-	1,200
Light bomber	1,882	150	2,032	1,382	68	207	500	150
Pursuit, fighter	709	1,150	1,859	709	38	80	-	1,150
Pursuit, interceptor	4,394	4,700	9,094	6,194	68	1,125	-	2,900
Observation	533	-	533	533	100	226	-	-
Transport	1,118	230	1,348	1,308	97	75	-	40
Amphibian	74	1	75	75	100	1	-	-
Reconnaissance	17	-	17	17	100	14	-	-
<b>Total Tactical</b>	<b>15,589</b>	<b>10,087</b>	<b>25,676</b>	<b>18,865</b>	<b>73</b>	<b>2,127</b>	<b>500</b>	<b>6,311</b>
<u>Trainer</u>								
Primary trainer	5,490	450	5,940	5,940	100	2,341	-	-
Basic trainer	5,051	1,100	6,151	6,151	100	1,548	-	-
Adv. trainer, 1-eng.	3,297	360	3,657	3,657	100	728	-	-
Adv. trainer, 2-eng.	2,632	1,050	3,682	3,532	96	108	-	150
<b>Total Trainer</b>	<b>16,470</b>	<b>2,960</b>	<b>19,430</b>	<b>19,280</b>	<b>99</b>	<b>4,725</b>	<b>-</b>	<b>150</b>
<b>Grand Total</b>	<b>32,059</b>	<b>13,047</b>	<b>45,106</b>	<b>38,145</b>	<b>85</b>	<b>6,852</b>	<b>500</b>	<b>6,461</b>
<u>Installation engines</u>								
Heavy bomber	8,984	10,624	19,608	13,934	71	1,937(c)	1,520	4,154
Medium bomber	9,232	3,200	12,432	5,575	45	951	3,657	3,200
Light bomber	3,576	150	3,726	2,576	69	1,046	1,000	150
Pursuit, fighter	1,420	2,300	3,720	1,394	37	495	26	2,300
Pursuit, interceptor	4,394	4,700	9,094	4,394	48	1,408	-	4,700
Observation	533	-	533	533	100	351	-	-
Transport	2,358	460	2,818	1,624	58	347	734	460
Amphibian	148	2	150	150	100	2	-	-
Reconnaissance	34	-	34	34	100	34	-	-
<b>Total Tactical</b>	<b>30,679</b>	<b>21,436</b>	<b>52,115</b>	<b>30,214</b>	<b>58</b>	<b>6,571</b>	<b>6,937</b>	<b>14,964</b>
<u>Trainer</u>								
Primary trainer	5,490	450	5,940	5,940	100	2,767	-	-
Basic trainer	5,051	1,100	6,151	3,051	50	1,755	2,000	1,100
Adv. trainer, 1-eng.	3,297	360	3,657	2,297	63	1,965	1,000	360
Adv. trainer, 2-eng.	5,264	2,100	7,364	5,464	74	1,213	700	1,200
<b>Total Trainer</b>	<b>19,102</b>	<b>4,010</b>	<b>23,112</b>	<b>16,752</b>	<b>72</b>	<b>7,700</b>	<b>3,700</b>	<b>2,660</b>
<b>Grand Total</b>	<b>49,781</b>	<b>25,446</b>	<b>75,227</b>	<b>46,966</b>	<b>62</b>	<b>14,271</b>	<b>10,637</b>	<b>17,624</b>

(a) Includes project airplane contracts incomplete June 30, 1940, with their matching installation engine contracts.

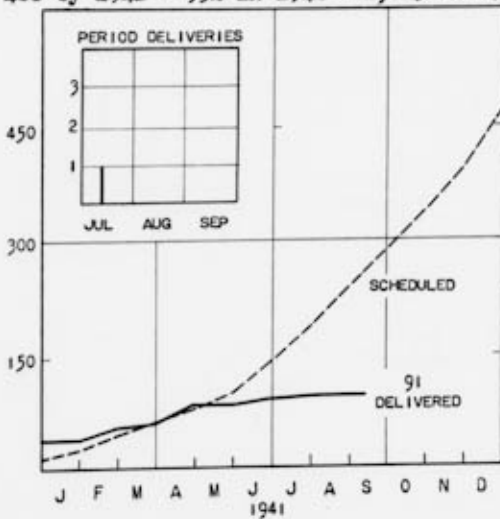
(b) "Under contract" figures for installation engines do not include contracts unassigned to specific types of airplanes.

(c) Reduced to cover transfer to foreign government. Replacement contract substituted.

## PROJECT AIRPLANES

4,031 HEAVY BOMBER

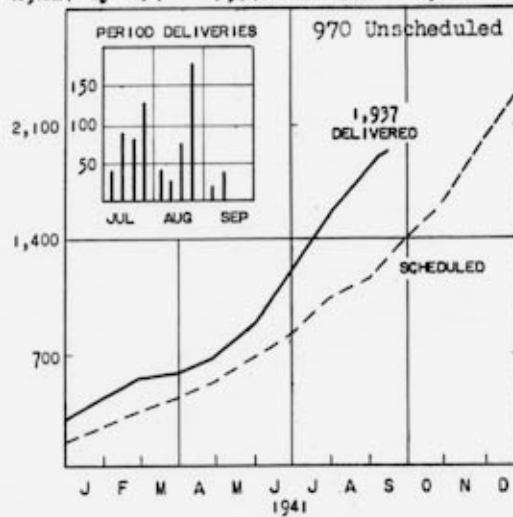
466 by 1941 - 952 in 1942 - 2,613 in 1943



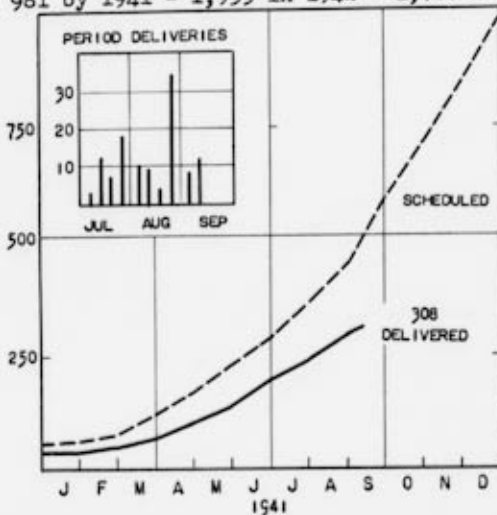
## INSTALLATION ENGINES

13,934 HEAVY BOMBER

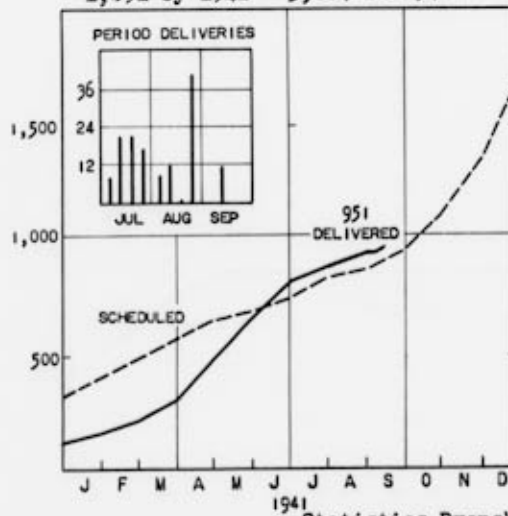
2,217 by 1941 - 5,598 in 1942 - 5,149 in 1943



4,616 MEDIUM BOMBER  
981 by 1941 - 1,935 in 1942 - 1,700 in 1943



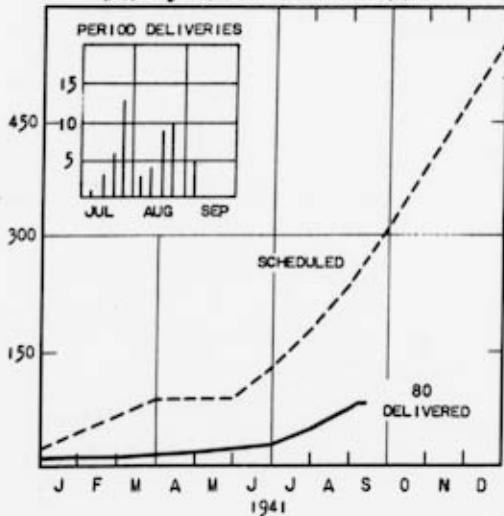
5,575 MEDIUM BOMBER  
1,691 by 1941 - 3,884 in 1942





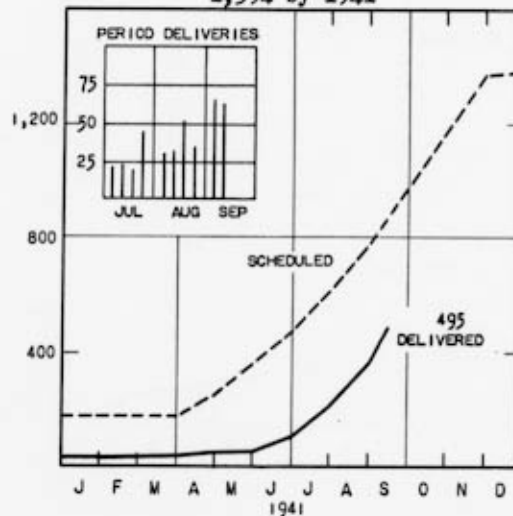
## PROJECT AIRPLANES

709 PURSUIT FIGHTER  
549 by 1941 - 160 in 1942

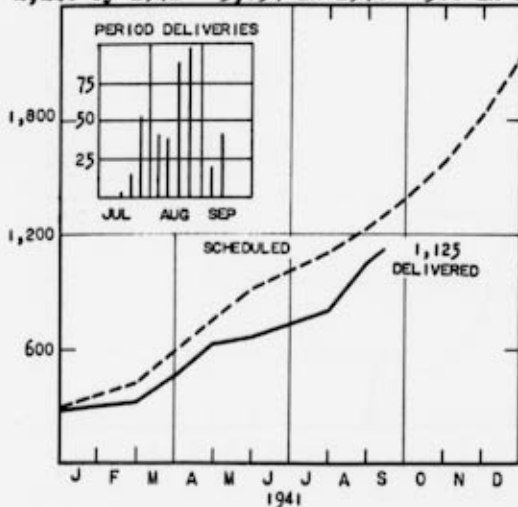


## INSTALLATION ENGINES

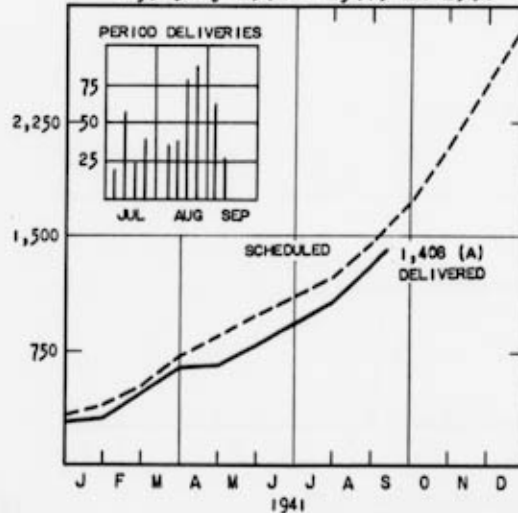
1,394 PURSUIT FIGHTER  
1,394 by 1941



6,194 PURSUIT INTERCEPTOR  
2,140 by 1941 - 3,754 in 1942 - 300 in 1943

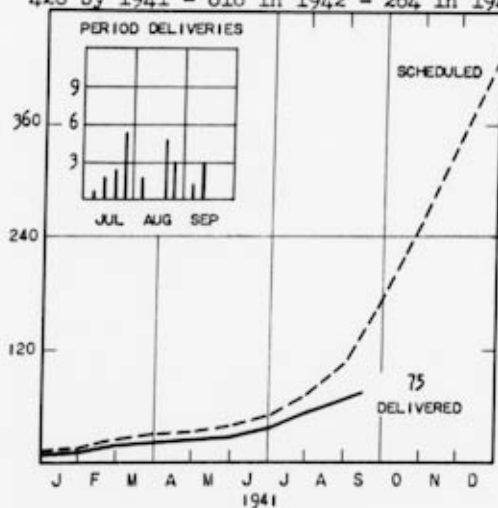


4,394 PURSUIT INTERCEPTOR  
2,915 by 1941 - 1,479 in 1942



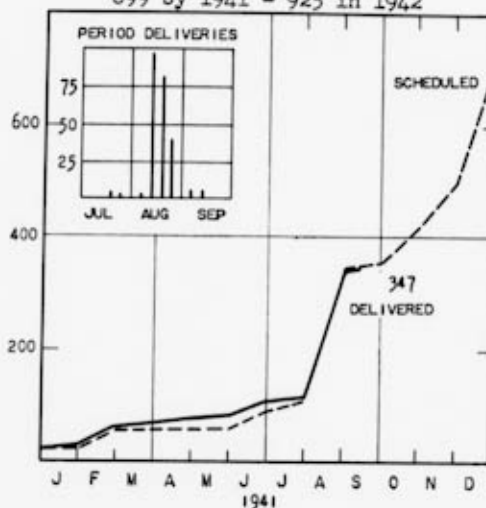
## PROJECT AIRPLANES

1,308 TRANSPORT  
428 by 1941 - 616 in 1942 - 264 in 1943

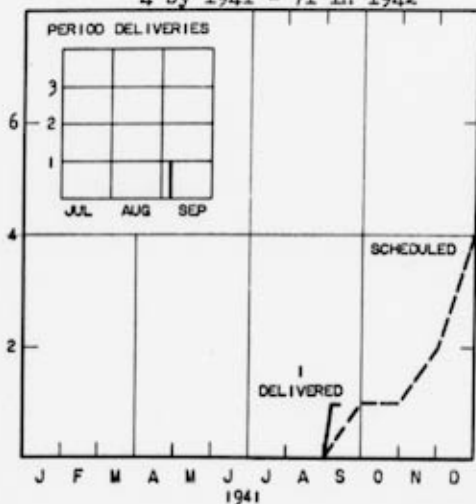


## INSTALLATION ENGINES

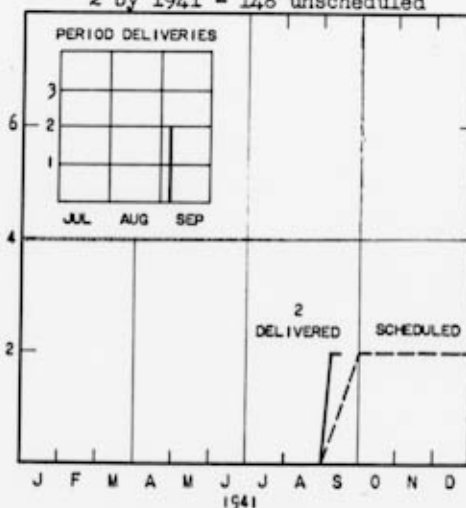
1,624 TRANSPORT  
699 by 1941 - 925 in 1942



75 AMPHIBIAN  
4 by 1941 - 71 in 1942

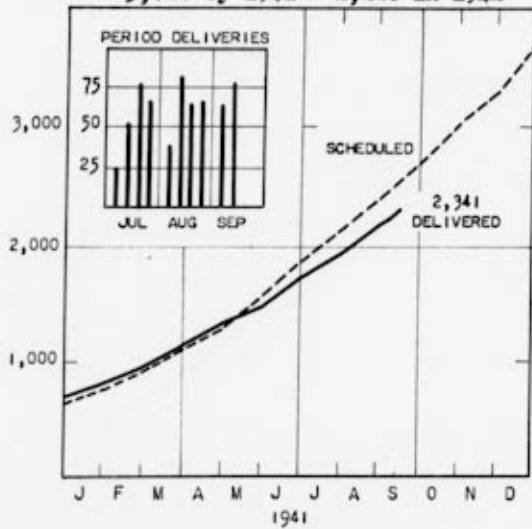


150 AMPHIBIAN  
2 by 1941 - 148 unscheduled



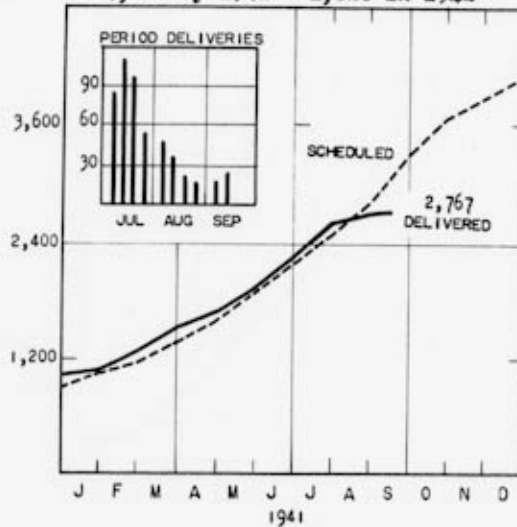
## PROJECT AIRPLANES

5,940 PRIMARY TRAINER  
3,720 by 1941 - 2,220 in 1942

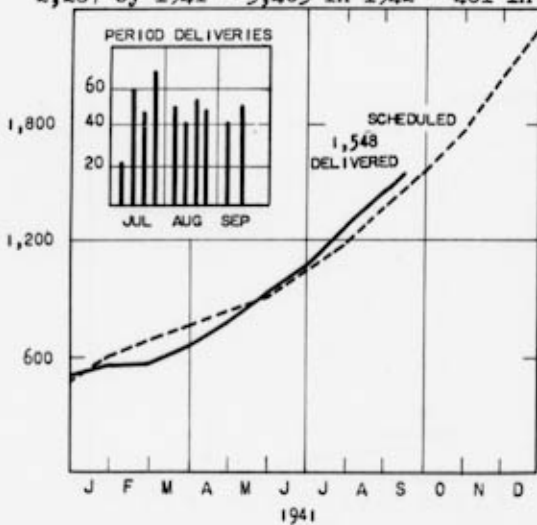


## INSTALLATION ENGINES

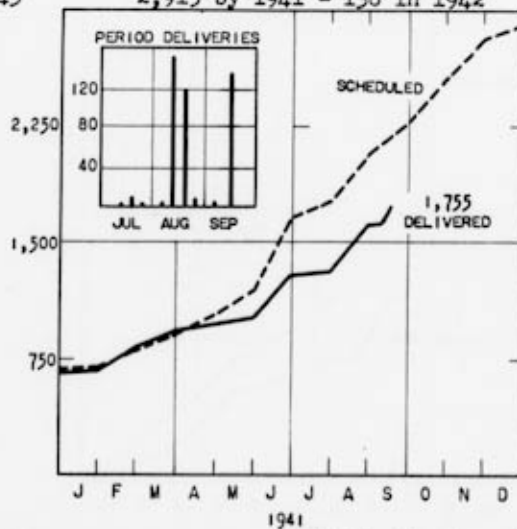
5,940 PRIMARY TRAINER  
4,120 by 1941 - 1,820 in 1942



6,151 BASIC TRAINER  
2,287 by 1941 - 3,403 in 1942 - 461 in 1943



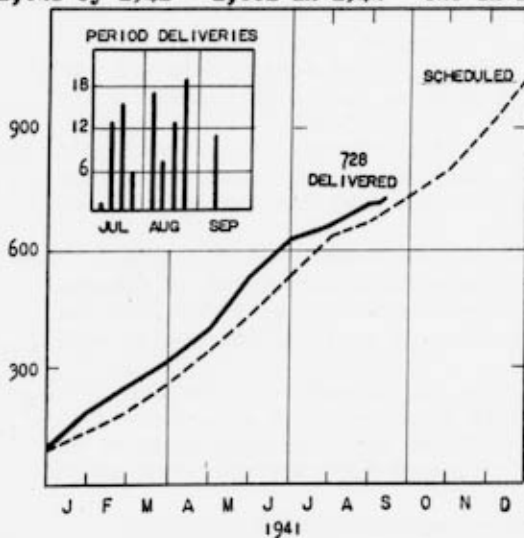
3,051 BASIC TRAINER  
2,915 by 1941 - 136 in 1942





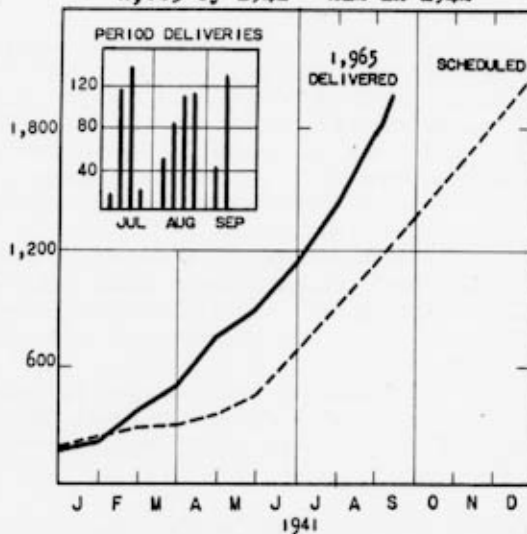
## PROJECT AIRPLANES

3,657 ADVANCE TRAINER, 1 ENGINE  
1,028 by 1941 - 1,801 in 1942 - 828 in 1943

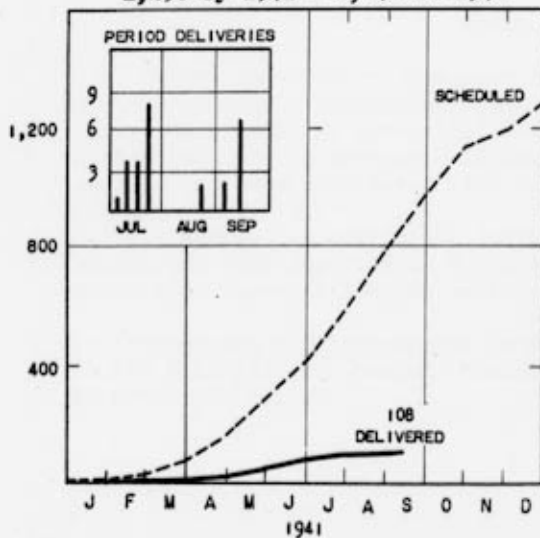


## INSTALLATION ENGINES

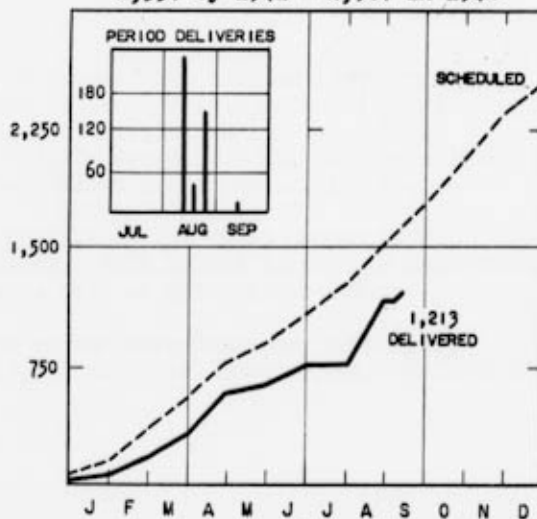
2,297 ADVANCE TRAINER, 1 ENGINE  
2,085 by 1941 - 212 in 1942



3,532 ADVANCE TRAINER, 2 ENGINE  
1,290 by 1941 - 2,242 in 1942



5,464 ADVANCE TRAINER, 2 ENGINE  
2,557 by 1941 - 2,907 in 1942



TEXT SUMMARY - QUARTERMASTER PROCUREMENT - September 25, 1941

Source: Statistics Branch, Office of the Quartermaster General

BASIC ITEMS

General -- As of September 8, complete delivery has been made on 51 of the 132 basic items being procured from 1941 funds; of the total programs of the 81 remaining items, an average of 100 percent has been contracted and an average of 81 percent has been procured. Deficiency Appropriation programs have been completely contracted and an average of 50 percent of these has been delivered. Of the combined 1942 programs, an average of 60 percent has been contracted and an average of 3 percent has been delivered.

Contracts -- During the period ended September 8, no appreciable increases in contracted amounts were noted for items being procured from 1941 and Deficiency Appropriation funds. Contracted amounts for 1942 procurement show an average increase of 4 percent for the same period.

Deliveries -- During the quarter-monthly period ended September 8, deliveries were effected on 61 of 81 items procured from 1941 funds; on 33 of 36 items procured from Deficiency Appropriation funds; and on 20 of 97 items procured from 1942 funds.

Schedules & Delinquencies -- Of the 265 basic items being procured from 1941, 1942, and Deficiency Appropriation funds, 70 are delinquent; of these 23 are more than 5 percent delinquent.

MOTOR VEHICLES

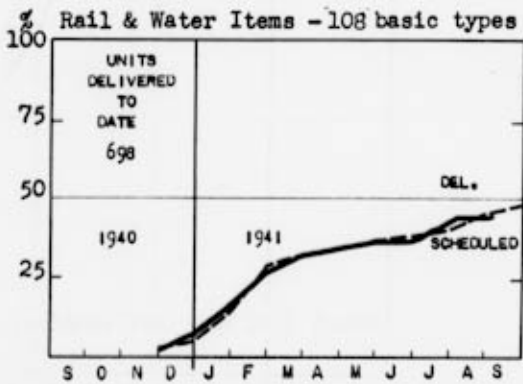
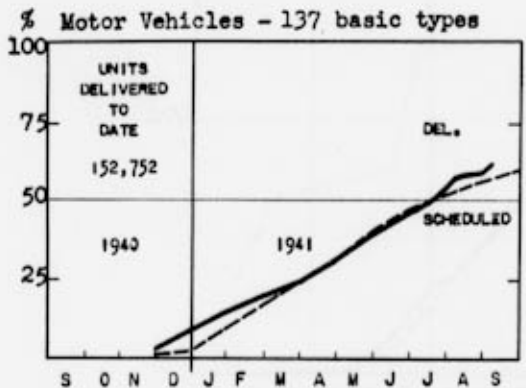
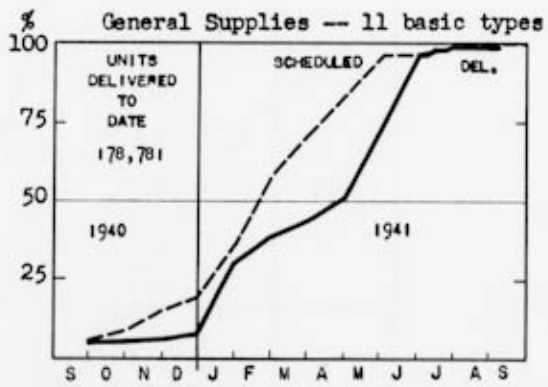
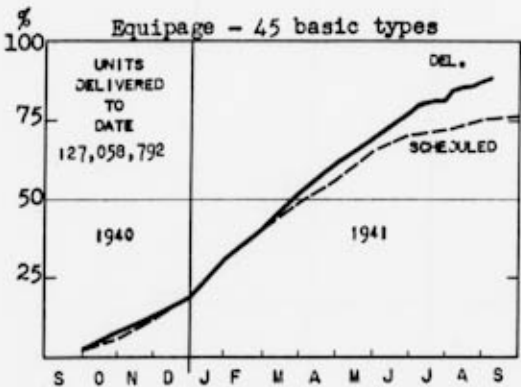
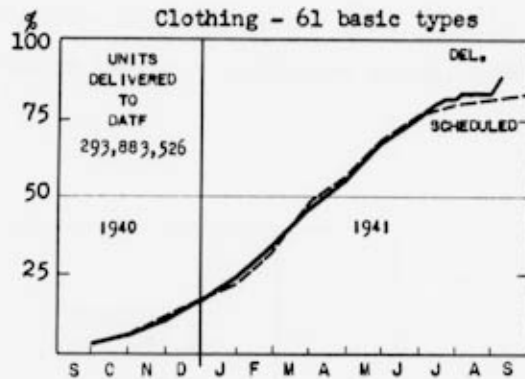
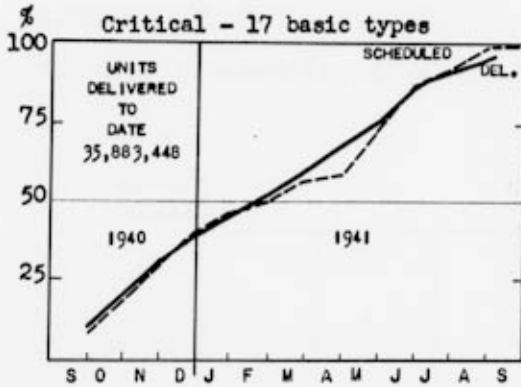
Contracts -- As of September 15, contracts have been awarded for 259,928 vehicles, obligating 342 million dollars of 1941 and 1942 funds. Under 1941 funds, 91 percent of a program of 245,612 vehicles has been contracted, and 64 percent delivered. Ninety percent of the estimated 1942 program has been contracted with initial deliveries schedules for September.

Deliveries -- During the quarter-monthly period ended September 15, deliveries were reported on 5,574 vehicles. This brings cumulative deliveries under 1941 funds to 158,326 vehicles at a cost of 203 million dollars.

Schedules & Delinquencies -- Based on estimated delivery schedules, 10,653 vehicles were behind schedule; 5,574 vehicles, however, were delivered ahead of schedule.

STATUS OF Q.M. PROCUREMENT - F.Y. 1941 - Sept. 8, 1941 - Six major procurement groups based on total programs of basic types in each group. Combined programs for each group is 100%.

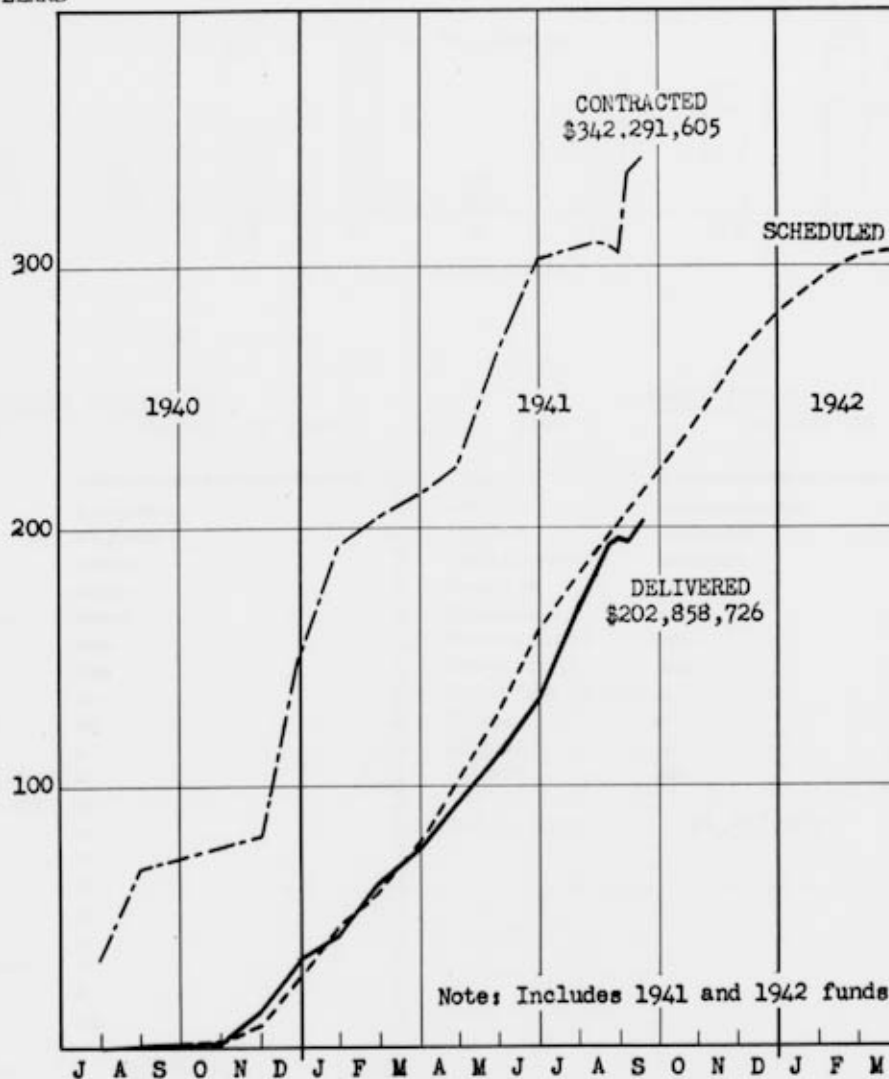
Source of Information: Statistics Branch, Office of the Quartermaster General.



QUARTERMASTER CORPS - PROCUREMENT OF MOTOR VEHICLES - FISCAL DIAGRAM - Sept. 15, 1941

Source of Information: Office of the Quartermaster General - Statistics Branch, OUSW

MILLION  
DOLLARS

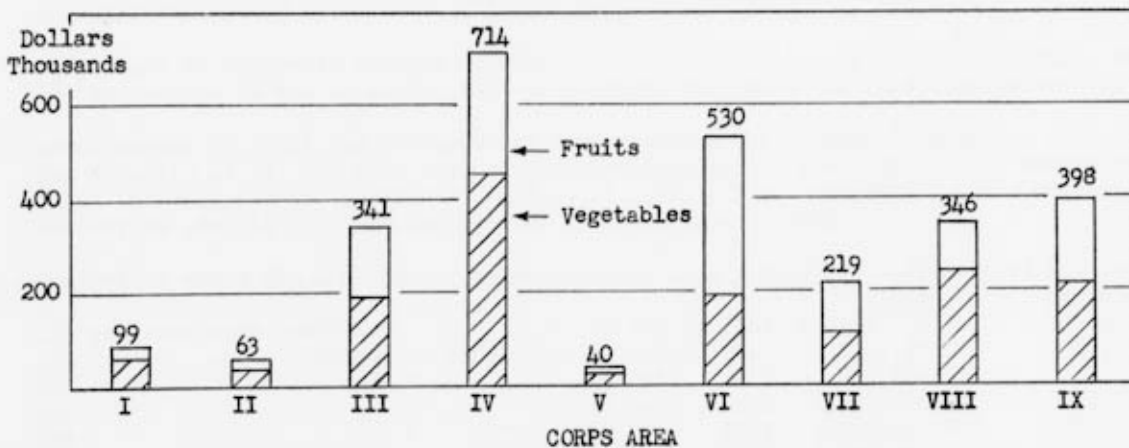


Note: Includes 1941 and 1942 funds

DIAGRAM - PROCUREMENT OF FRESH FRUITS AND VEGETABLES BY Q.M.C. MARKET CENTERS

Sources: Office of the Quartermaster General - August 15, 1941

PURCHASES BY CORPS AREAS FOR PERIOD JULY 1, 1941 TO AUGUST 15, 1941



FRESH VEGETABLES			FRESH FRUITS		
Item	Percent of cost		Item	Percent of cost	
Potatoes	35		Oranges	31	
Tomatoes	11		Lemons	18	
Lettuce	10		Apples	12	
Cabbage	7		Cantaloupes	11	
Corn	6		Peaches	7	
Dry Onions	6		Bananas	7	
Beans	4		Watermelons	4	
Celery	4		Grapefruit	4	
Carrots	2		Honeydew melons	1	
Cucumbers	2		Plums	1	
Peppers	1		Grapes	1	
Sweet Potatoes	1		Others	3	
Green Onions	1				
Radishes	1				
Eggplant	1				
Turnips	1				
Squash	1				
Peas	1				
Cauliflower	1				
Beets	1				
Others	3				
<b>Total cost</b>	<b>\$1,536,947</b>	<b>100</b>	<b>Total cost</b>	<b>\$1,212,980</b>	<b>100</b>

TEXT SUMMARY - STATUS OF QUARTERMASTER CONSTRUCTION - August 30, 1941

Source: Statistics Branch, Office of the Quartermaster General

Percentage of construction in place for all Q.M. emergency construction projects based on latest estimated total cost of \$2,181,967,777 is 59% (\$1,280,153,079).

Percentage of contracts awarded of total funds available is 57% (\$1,293,612,041); this low percentage is due to application of original estimates for fixed-fee contracts.

As of August 30, 1941, of 52 Camps and Cantonments under construction with a troop housing capacity of 985,666 at a cost of \$667,578,810, 44 are from 95% to 100% complete. These 44 projects have a capacity of 881,726 (63% of total capacity); their estimated completion cost is \$567,699,788 (26% of total estimated cost).

Completion dates for Q.M. construction projects on a cumulative basis are as follows:

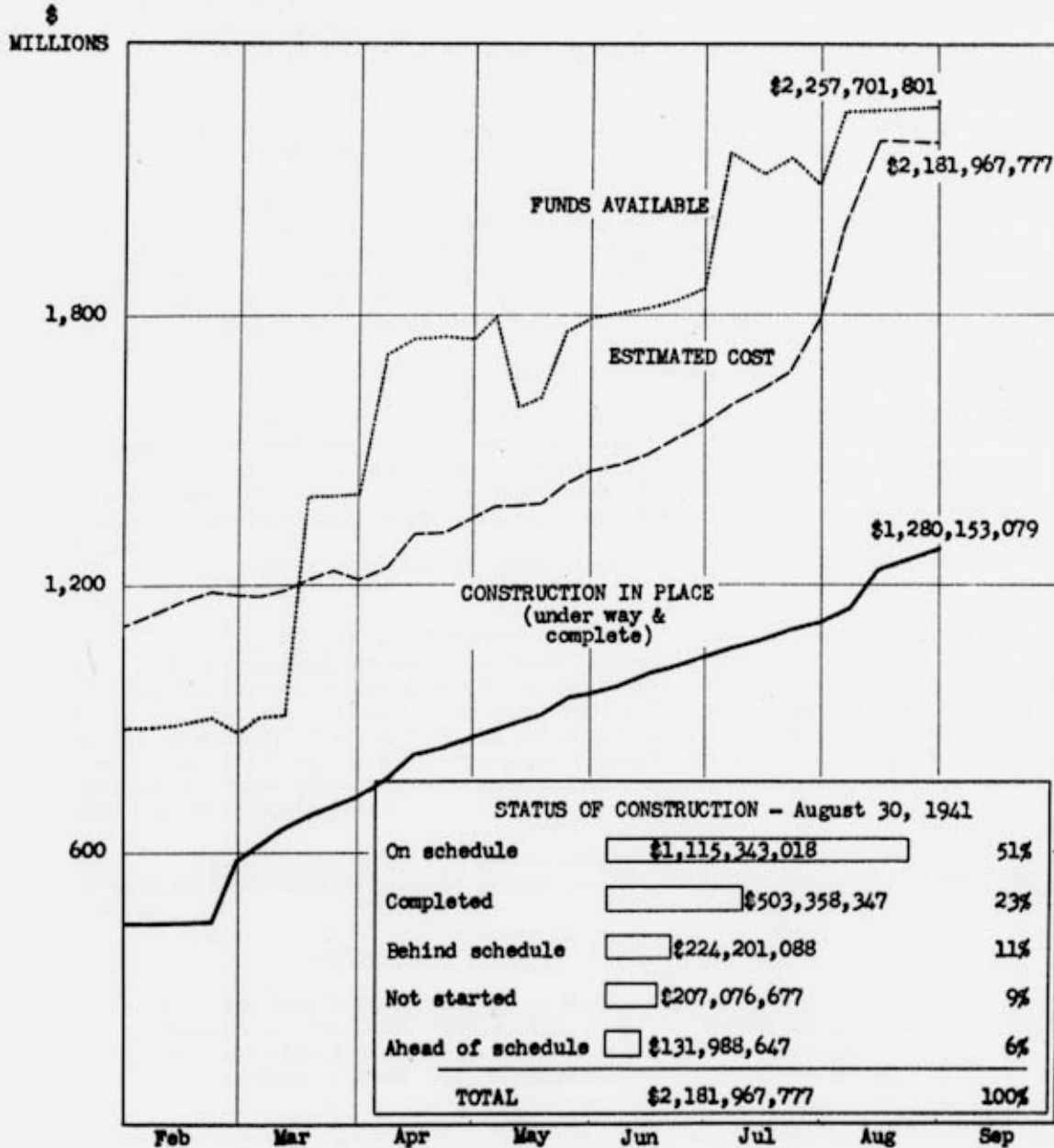
			<u>Cost</u>	<u>Capacity</u>
145 projects were completed	by Aug. , 1941	\$	503,358,347	860,456
195 " are scheduled for completion	by Sept. , 1941		712,533,745	1,085,946
288 " " " " " "	by Oct. , 1941		813,884,450	1,156,152
354 " " " " " "	by Nov. , 1941		1,009,775,607	1,265,502
385 " " " " " "	by Dec. , 1941		1,306,230,827	1,308,286
403 " " " " " "	by Jan. , 1942		1,367,991,665	1,310,271
425 " " " " " "	by Feb. , 1942		1,482,840,171	1,344,027
435 " " " " " "	by March, 1942		1,573,931,370	1,345,511
446 " " " " " "	by April, 1942		1,631,490,010	1,345,697
456 " " " " " "	by May , 1942		1,719,687,260	1,347,047
474 " " " " " "	by June , 1942		1,870,476,153	1,347,962
477 " " " " " "	by July , 1942		1,918,098,730	1,347,962
488 " " " " " "	by Aug. , 1942		1,974,865,458	1,348,830
489 " " " " " "	by Sept. , 1942		1,974,865,458	1,348,830
Schedule on 1 is unknown			25,642	--

Completion dates of new Ordnance and Chemical Warfare Service facilities on a cumulative basis are as follows:

			<u>Cost</u>
4 projects were completed	by Aug. , 1941		2,326,841
9 " are scheduled for completion	by Sept. , 1941		73,474,312
20 " " " " " "	by Oct. , 1941		117,831,413
31 " " " " " "	by Nov. , 1941		200,866,861
46 " " " " " "	by Dec. , 1941		437,819,352
55 " " " " " "	by Jan. , 1942		484,517,960
67 " " " " " "	by Feb. , 1942		563,040,542
75 " " " " " "	by March, 1942		651,551,723
84 " " " " " "	by April, 1942		708,253,874
91 " " " " " "	by May , 1942		792,569,803
102 " " " " " "	by June , 1942		868,254,933
105 " " " " " "	by July , 1942		915,877,510
110 " " " " " "	by Aug. , 1942		962,868,020
110 " " " " " "	by Sept. , 1942		962,868,020

Q. M. C. - CUMULATIVE CONSTRUCTION PROGRESS - August 30, 1941

Source: Construction Division, Office of the Quartermaster General



TEXT SUMMARY -- SIGNAL CORPS PROCUREMENT - GROUND EQUIPMENT -- SEPTEMBER 20, 1941

Source of Information:

Office of the Chief Signal Officer, Supply Division  
Office of the Under Secretary of War, Labor Division

PROGRAM - Figures used include all quantities on F.Y. 1941, Regular F.Y. 1942 and First Supplemental F.Y. 1942 procurement programs.

STATUS OF CONTRACTS -- Transmitter Tuning Unit TU-25 and Instrument Blind Landing Equipment SCR-251 are the only critical items on the F.Y. 1941 program which are not under contract. Bids will open for the purchase of TU-25 on October 6. Contracts for items on the Regular F.Y. 1942 and First Supplemental F.Y. 1942 programs are now being awarded.

New contract awards for ground items of equipment, last week, included:-

130 Switchboard BD-71 (for Marine Corps)

DELIVERIES -- Ground radio deliveries, last week, totalled 311 sets of various types, compared with 286 sets received in the previous weekly period. Minor parts which have been delaying deliveries of this equipment are now being received and improvement in radio deliveries is anticipated. The delivery of several minor parts will start this month and the delivery of complete sets will follow.

Deliveries of ground equipment, other than radio sets, continue to show little improvement.

DELINQUENCIES -- There are 46 critical items of ground equipment on the F.Y. 1941 procurement program upon which deliveries are due. Of these items, 27, or 58%, are currently behind scheduled deliveries. Radio set delinquencies appear to be the most serious; out of 18 types upon which deliveries are due, 13 types are behind schedules. The total of all delinquent sets is 5,792. It is reported by the Signal Corps that 4,163 of these are complete except for minor parts. The delivery of these parts has been accelerated and should soon be reflected in the delivery of complete sets.

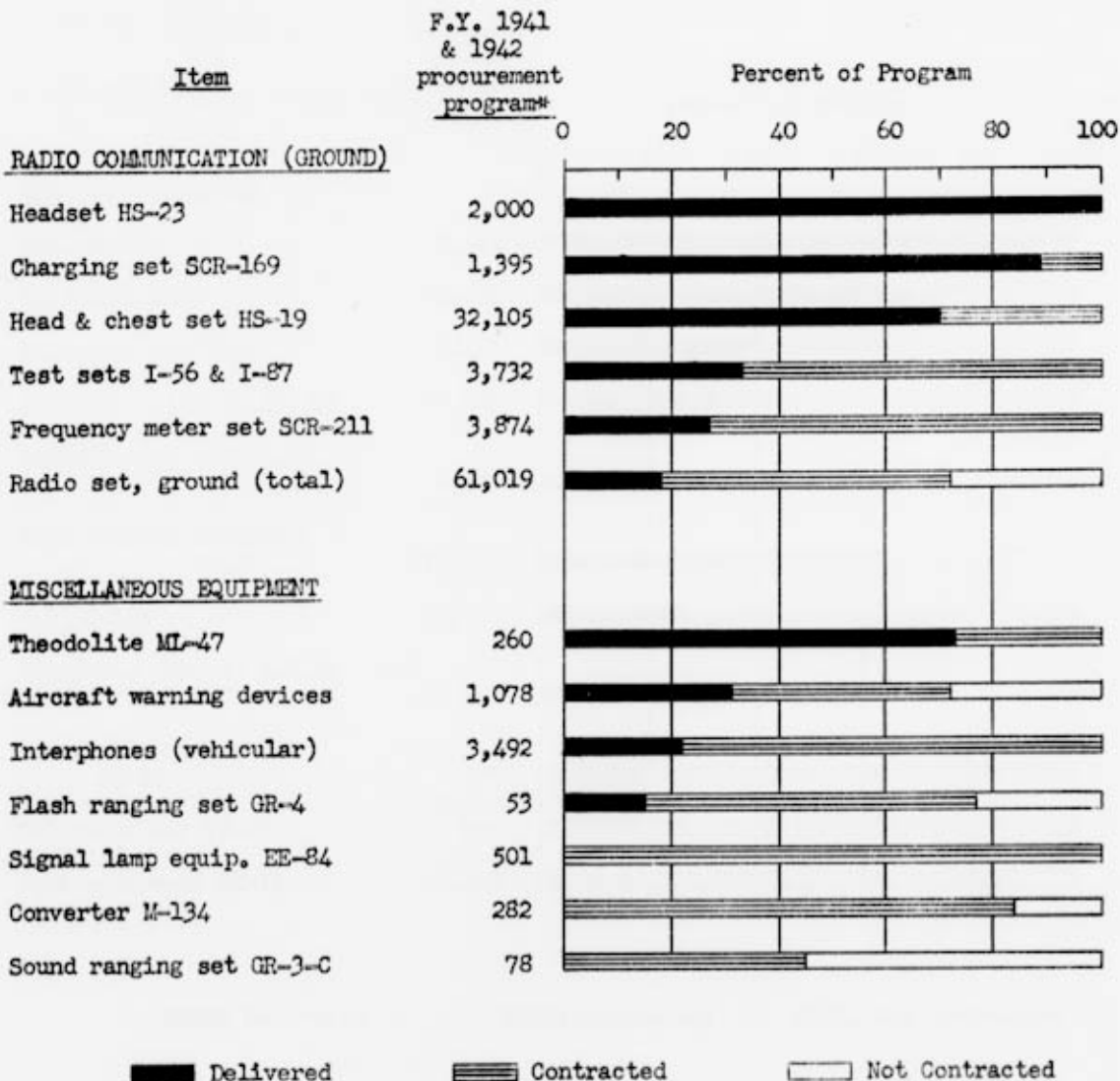
LABOR DIFFICULTIES -- Signal Corps procurement is being affected by several strikes which are now in progress. The companies involved and products follow:

<u>Manufacturer</u>	<u>Product</u>
Anaconda Wire & Cable, Muskegon, Mich.	Copper wire.
Isolantite, Inc., Belleville, N.J.	Insulators for radio equipment.
Marlin-Rockwell Corp., Plainville, Conn.	Ball-bearings.
Tubular Rivet & Stud Co., Wollaston, Mass.	Microphone parts.



SIGNAL CORPS PROCUREMENT -- SELECTED CRITICAL ITEMS -- SEPTEMBER 20, 1941

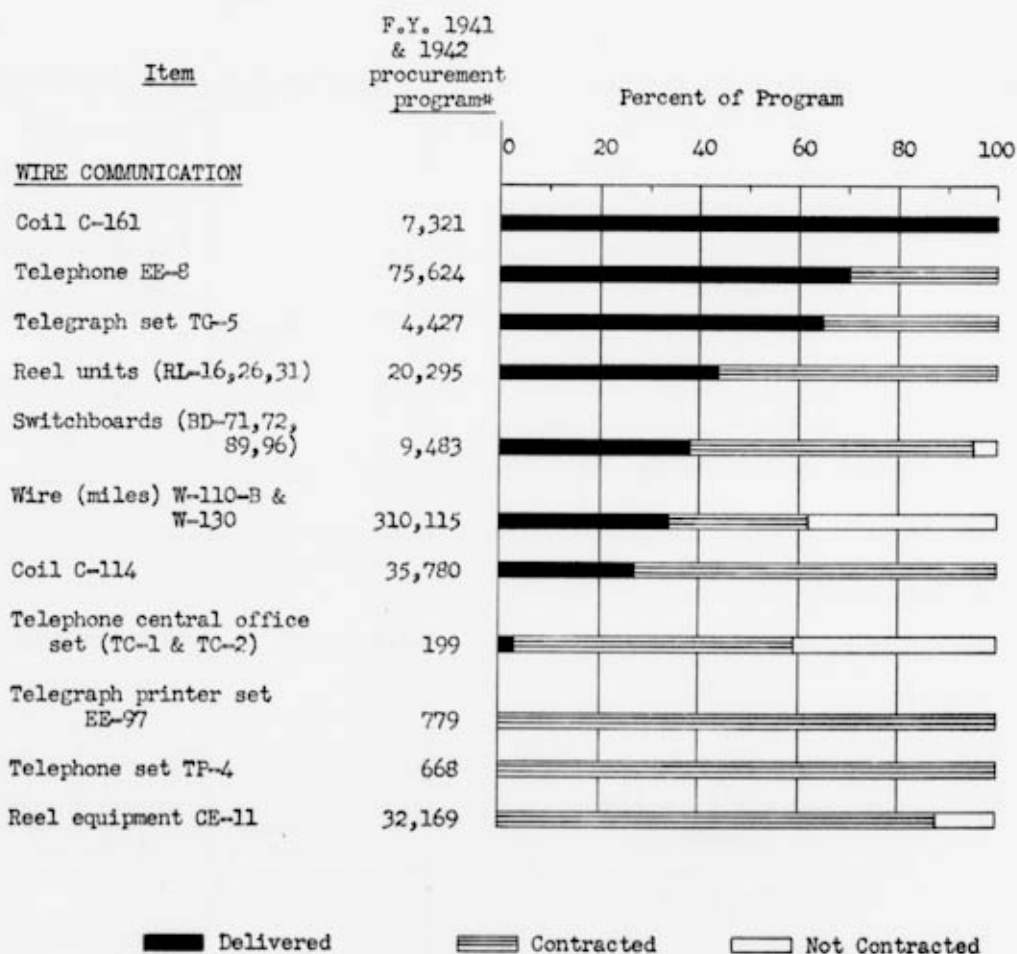
Source of Information: Office of the Chief Signal Officer, Supply Division



\* Quantities in excess of program figures include procurement for other Services and special requirements.

SIGNAL CORPS PROCUREMENT - SELECTED CRITICAL ITEMS - SEPTEMBER 20, 1941

Source of Information: Office of the Chief Signal Officer, Supply Division

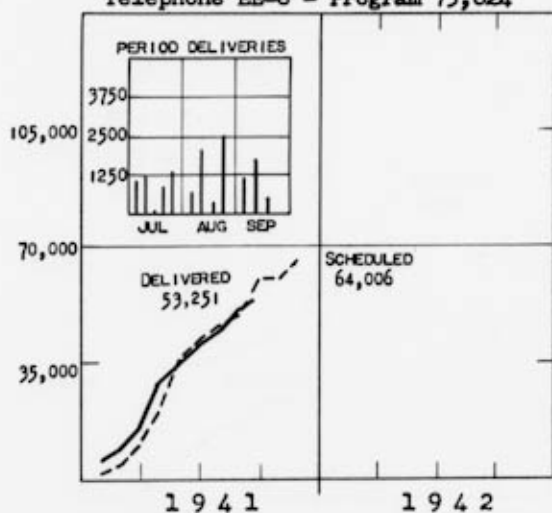


\*Quantities in excess of program include procurement for other Services and special requirements.

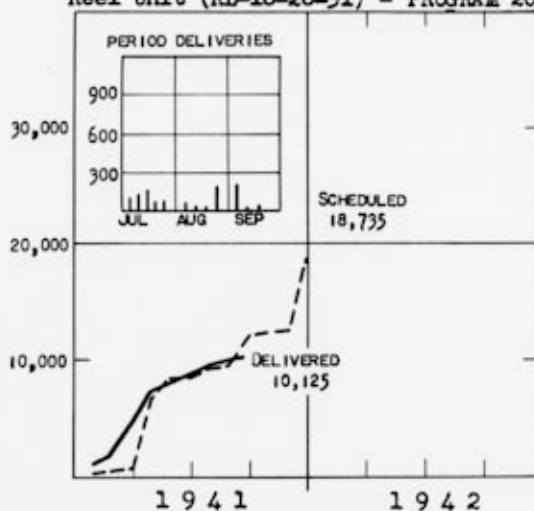
SIGNAL CORPS PROCUREMENT - SELECTED ITEMS - WIRE COMMUNICATION - Sept. 20, 1941.

Source of Information: Supply Division, Office of the Chief Signal Officer

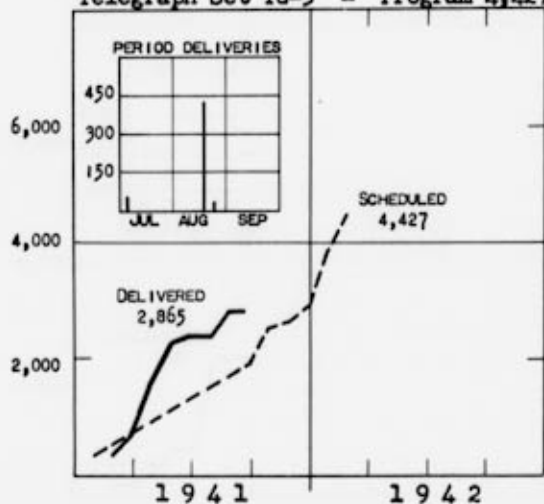
Telephone EE-8 - Program 75,624



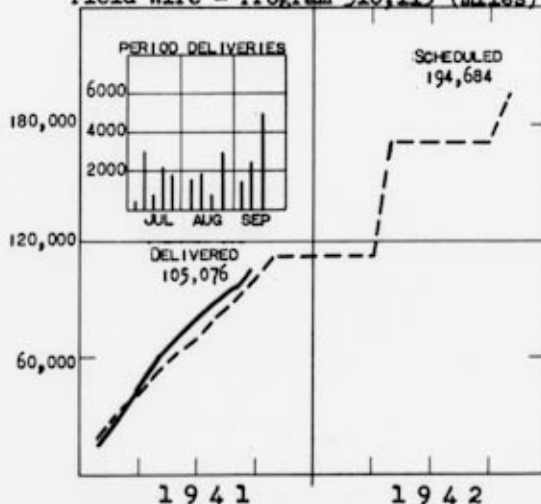
Reel Unit (RL-16-26-31) - PROGRAM 20,295



Telegraph Set TG-5 - Program 4,427



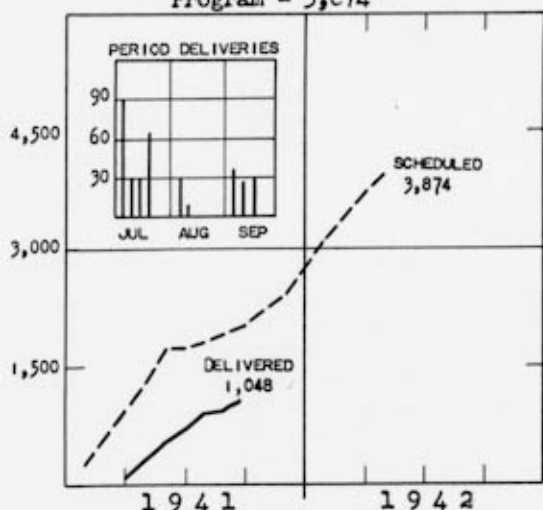
Field Wire - Program 310,115 (miles)



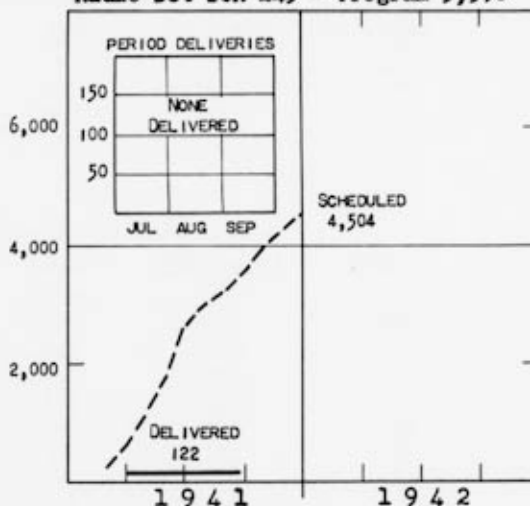
SIGNAL CORPS PROCUREMENT - SELECTED ITEMS - RADIO COMMUNICATION EQUIPMENT  
Sept. 20, 1941.

Source of Information: Supply Division, Office of the Chief Signal Officer

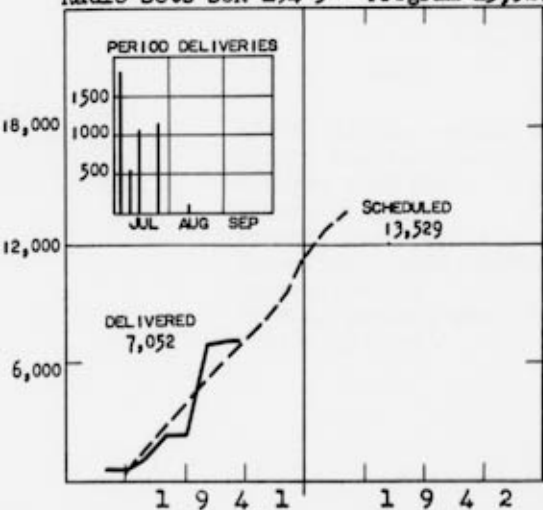
Frequency Meter Set SCR-211  
 Program - 3,874



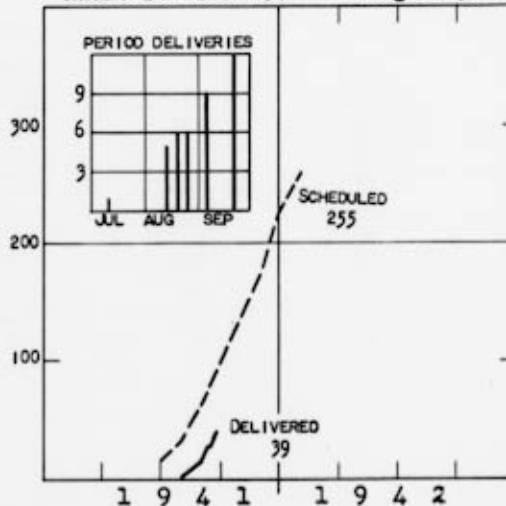
Radio Set SCR-245 - Program 5,590



Radio Sets SCR-194-5 - Program 13,529



Radio Set SCR-197 - Program 364



TEXT SUMMARY - CORPS OF ENGINEERS - PROCUREMENT PROGRESS THROUGH SEPTEMBER 15, 1941

Source of Information: Supply Section, Office of the Chief of Engineers

The status of Engineer procurement and the progress made during the half-month from August 31 to September 15 is shown below.

AHEAD OF SCHEDULE ON SEPT. 15

<u>Item</u>	<u>Due</u>	<u>Delivered</u>	<u>Ahead</u>
Stereoscope, lens-prism	29	76	47
Searchlight, 60" (G.E.)	592	629	37
Water puri. unit, port.	379	389	10
Shovel, gas, 1/2-yard	62	63	1

BEHIND SCHEDULE ON SEPT. 15

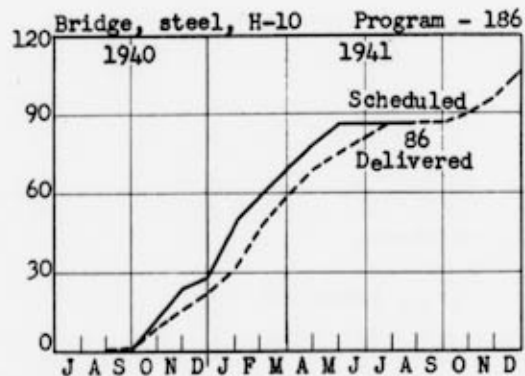
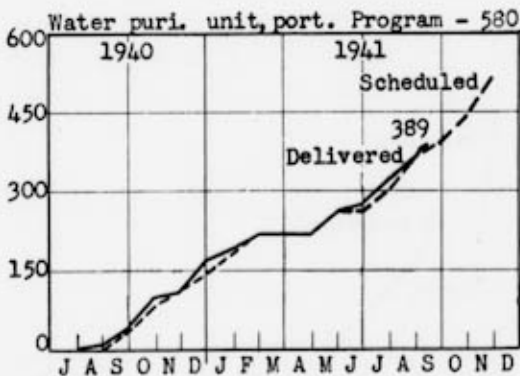
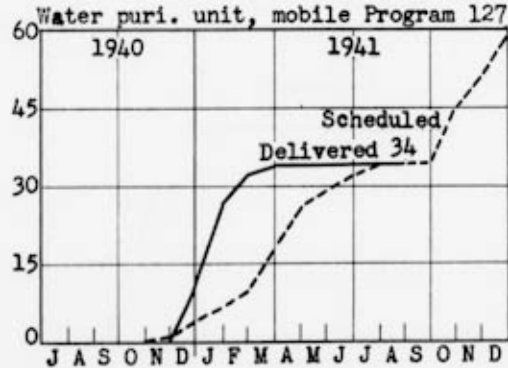
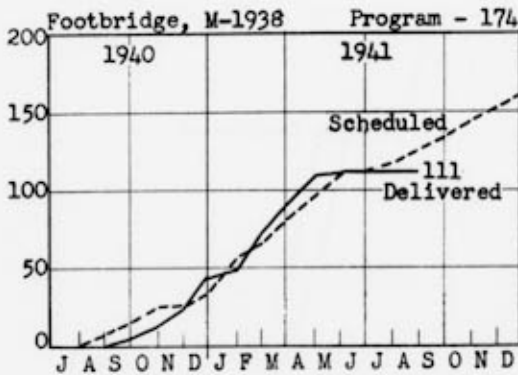
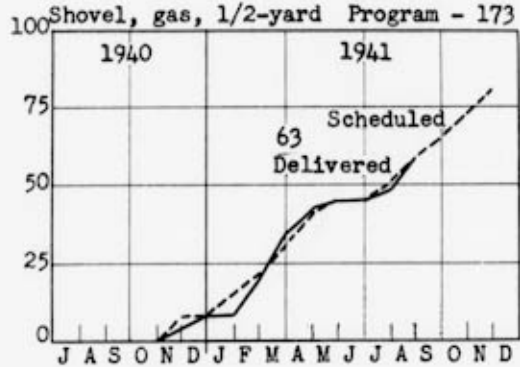
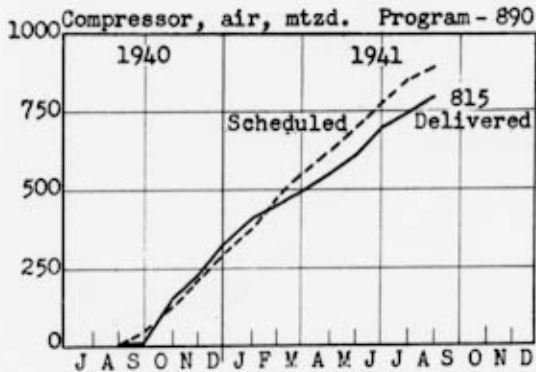
<u>Item</u>	<u>Due</u>	<u>Delivered</u>	<u>Behind</u>
Trailer for 60" searchlight	2000	294	1706
Stereoscope, mag., mirror	1187	1011	176
Searchlight, 60" (Sperry)	810	664	146
Compressor, air, mtzd.	890	815	75
Electric equip., 5 kw	166	117	49
Searchlight, 18"	160	125	35
Footbridge, M-1938	130	111	19
Crane, truck-mounted	13	3	10
Hammer, gas-operated	1071	1063	8
Bridge, steel, trestle	8	2	6

NEW CONTRACTS LET---NINE ITEMS

<u>Item</u>	<u>Contracted August 31</u>	<u>Contracted September 15</u>	<u>New contracts</u>
Elect. light. equip., 3 kva	571	865	294
Elect. light. equip., 5 kw	166	243	77
Grader, road mtzd.	92	119	27
Mixer, concrete	99	117	18
Hammer, gas-operated	1063	1079	16
Water puri. unit, port.	508	520	12
Camera, copying	15	24	9
Special equip., avn.	14	17	3
Shovel, 3/4-yd.	3	5	2

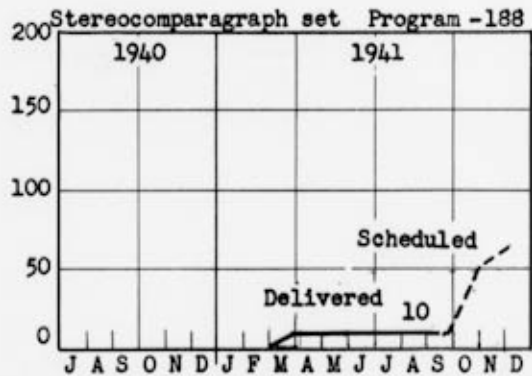
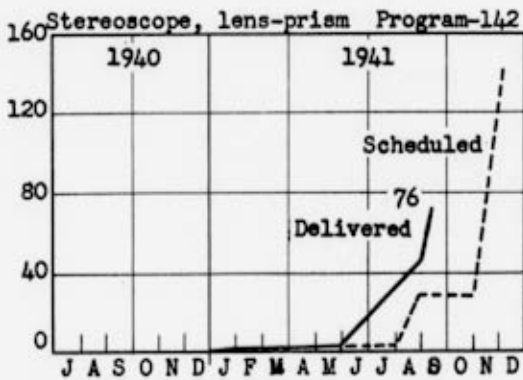
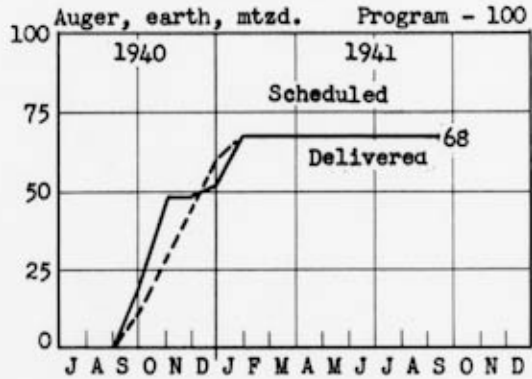
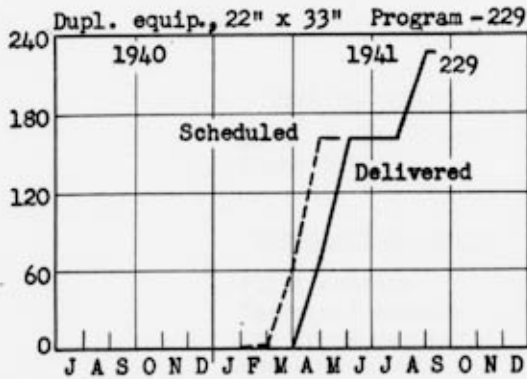
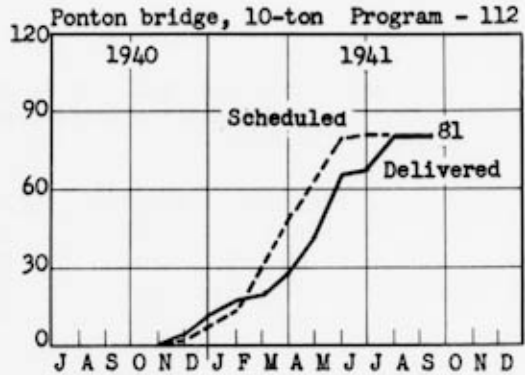
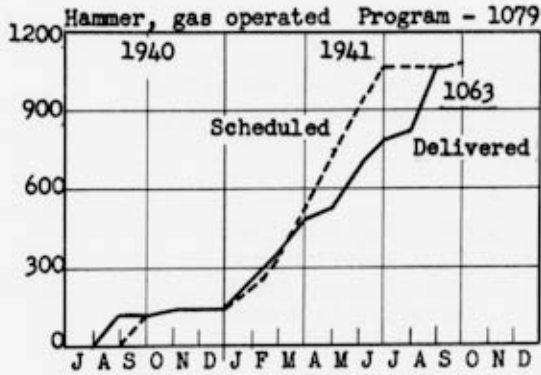
CORPS OF ENGINEERS - STATUS OF SIX SELECTED ITEMS - SEPTEMBER 15, 1941

Source of Information: Supply Section, Office of the Chief of Engineers



CORPS OF ENGINEERS - STATUS OF SIX SELECTED ITEMS - SEPTEMBER 15, 1941

Source of Information: Supply Section, Office of the Chief of Engineers



TEXT SUMMARY - CORPS OF ENGINEERS - CONSTRUCTION AT AIR CORPS STATIONS, AUGUST 31, 1941

Source of Information: Construction Section, Office of the Chief of Engineers

During the past period the construction at Air Corps stations being done by the Corps of Engineers has shown the following increases:

	<u>Aug. 15</u>	<u>Aug. 31</u>	<u>Increase</u>
Estimated cost (millions)	644	657	13
Work in place (millions)	269	295	26
Troop capacity (men in thous)	335	344	9
Number of projects	130	130	0

The 657 millions of estimated cost and the 295 millions of value of work in place are distributed as follows:

<u>Tactical units</u>	<u>No.</u>	<u>Est. cost</u>	<u>In place</u>
G. H. Q. air force	48	204	147
Observation	13	9	3
<u>Non-tactical units</u>			
Pilot schools	42	161	50
Technical schools	6	72	46
Air Corps depots	11	108	20
Assembly plants	4	76	20
Replacement centers	2	9	5
Experimental depots	1	12	4
Ferry command	3	6	--
Total	<u>130</u>	<u>657</u>	<u>295</u>



TEXT SUMMARY - MEDICAL DEPARTMENT - FOR WEEK ENDED SEPTEMBER 27, 1941

Source of Information: Finance & Supply Div. - Office of Surgeon General

The most satisfactory gain in the status of critical items for the second quarter monthly report of September is that shown by Utensil Sterilizers, with a delivery of 228, thus decreasing those behind schedule from 34 to 25 percent.

Because of the scarcity of silk, The Office of Production Management, over a month ago, ordered discontinuance of the manufacture of silk surgical sutures except upon defense orders. Silk sutures were approved in a conference with the Silk Conservation Group as being essentially indispensable in certain types of surgery. The above ruling leaves practitioners and civil hospitals in an embarrassing position, as in some instances, there is no suitable substitute for silk. Even linen sutures and thread are practically unobtainable at present.

Ethyl alcohol is widely used in pharmaceutical preparations both as a solvent and in tinctures and with similar medicinal substances as a vehicle. Ordinarily, the supply is plentiful for all purposes, but at present, such large quantities are being used by the Government that druggists are unable to secure their necessary requirements. The large producers of alcohol usually manufacture this item from molasses which is delivered by tankers. Transportation difficulties may complicate the situation.

It was reported under a recent date that a number of essential drugs could not be produced because of increasing shortages of chemicals. Some of these chemicals have found their way into the hands of brokers, many in the business less than a year, and are now offered for sale at an increase of 100 to 400 percent. These individuals are charging exorbitant prices for commonly used chemicals essential to the manufacture of drugs, paints, textiles, dyes and plastics.

In the week ending September 19, the percentage of sick within the continental limits of the United States was 3.30. There were 3.11 percent in hospital and .19 percent in quarters.

MEDICAL DEPARTMENT - BED CAPACITY OF GENERAL HOSPITALS - AUGUST 2, 1941

Source of Information: Weekly Bed Status Reports, Office of the Surgeon General

ALL HOSPITALS

	Normal	Expansion if Required	Total
	12,261	3,082	15,343

Old Hospitals

Sam Houston	1000	652	1,652
Fitzsimons	1492	150	1,642
Letterman	1766	157	1,623
Walter Reed	1048	507	1,555
William Beaumont	536	338	874
Army and Navy	412	166	518

New Hospitals\*

LaGarde	979	598	1,577
Lovell	1006		1,006
Stark	979		979
Barnes	750	211	961
Tilton	777	169	946
Hoff	700		700
Lawson	690		690
Billings	426	194	620

\*O'Reilly General Hospital, Springfield, Missouri, capacity 1000 beds, not yet operating.

MEDICAL DEPARTMENT - CRITICAL ITEMS - DELIVERY STATUS F.Y. 1941 PROGRAM - SEPT. 15, 1941

Source of Information: Medical Department Procurement Progress Reports

Item	1941 Program	Percent of program	
		Delivered	Contracted
Forceps, hemo., Kocher, str., 5½"	1,061	100	100
Knife, operating, 1½" blade	5,000	100	100
Knife, operating, 2" blade	1,200	100	100
Knife, operating, det. blade	296,000	100	100
Scissors, double blunt, 6½"	500	100	100
Scissors, iris, full curved	5,700	100	100
X-Ray machine, bedside	77	100	100
Kit strap, cantle ring	142,800	100	100
Kit insert, type I	57,492	100	100
Kit insert, type II	18,000	100	100
Kit strap, litter	108,000	100	100
Kit suspender	64,600	96	100
Packet, first aid	3,400,000	93	100
Scissors, nasal, angular	3,850	92	100
Sphygmomanometer, mercurial	4,000	90	100
Sphygmomanometer, aneroid	9,630	88	100
Sterilizer, hosp., instrument	126	87	100
Scissors, suture	3,000	87	100
Kit pouch, canvas	73,000	82	100
Sterilizer, hospital, dressing	65	82	97
Knife, operating, 1¼" blade	32,500	82	100
Forceps, hemostatic, Jones, 5"	7,275	81	100
Sterilizer, hospital, utensil	2,564	75	100
Forceps, towel, 5¼"	97,000	72	100
Chest, field, plain	18,500	70	100
Forceps, tissue, spring, 4½" blade	41,417	70	100
Forceps, hemostatic, Abbey	22,444	69	100
Splint, Army, leg, half-ring	17,000	69	100
Chest, field, modified	8,000	69	100
Scissors, tonsil	1,750	66	100

MEDICAL DEPARTMENT - CRITICAL ITEMS - DELIVERY STATUS F.Y. 1941 PROGRAM - SEPT. 15, 1941

Source of Information: Medical Department Procurement Progress Reports

Item	1941 Program	Percent of program	
		Delivered	Contracted
Forceps, intest., Doyen, curved	7,000	66	100
Forceps, tissue, Allis	46,000	63	100
Sterilizer, hospital, complete	810	62	100
Forceps, intest., Doyen, str.	8,050	59	100
Forceps, sponge	90,000	59	100
X-Ray machine, radiographic	535	58	99
Scissors, bandage	109,710	58	100
Retractor, tissue, nested	8,900	56	100
Forceps, kidney, curved	9,600	55	100
X-Ray, field, table unit	232	54	100
Forceps, hemo., R.-K., str., 6½"	157,500	52	100
Scissors, 1 point sharp, 5½"	25,400	51	100
Scissors, 1 point sharp, 4½"	12,600	50	100
Scissors, dissec., curved, 5½"	24,800	46	100
Forceps, towel, 3"	13,220	46	100
Scissors, double blunt, 5½"	17,600	45	100
Forceps, tissue, spring, 5½" blade	27,858	45	100
Forceps, hemo., R.-P., curved	136,500	41	100
X-Ray, field, mobile unit	643	40	99
Forceps, hemo., H., mos., str., 5"	20,500	39	100
Forceps, cystic duct, 7"	2,350	38	100
Scissors, dissecting, str., 5½"	12,000	35	100
Scissors, iris, angular	4,100	35	100
Forceps, hemo., R.-O., str., 6¼"	77,000	34	100
Forceps, hyst., Pean, curved	34,892	32	100
Retractor, abdom., self-retaining	8,200	28	100
Forceps, hemo., R.-O., str., 7½"	50,000	26	100
Holder, needle, Hegar-Mayo	38,126	19	100
Forceps, bone-cut., heavy, str.	2,850	18	100
Forceps, bone, rongeur, 10¼"	3,100	6	100
Forceps, bone, rongeur, 7"	3,500	0	100

TEXT SUMMARY - CHEMICAL WARFARE SERVICE - STATUS SEPTEMBER 19, 1941

Source of Information: Chemical Warfare Service Reports

PROGRAM figures in this report include all programs for Fiscal Years 1940, 1941 and 1942.

PRODUCTION: Chemical Warfare Service reports deliveries on nine Essential and four Critical items of the expenditure program.

GAS MASKS: Service Mask assemblies reported this week total 47,961 units. No Diaphragm Masks were delivered. A shortage of lenses is delaying delivery of the remaining 230 Optical Masks required by the program.

There were 6,640 Training Masks reported delivered. General Tire completed their contract by reporting 520 of the above deliveries.

MUSTARD GAS: The Mustard Gas production for this week is reported as 39 tons. In addition 168 tons were produced, but were used on an Ordnance Shell-filling contract.

IMPREGNITE: Edgewood Arsenal reports production of 9.18 tons of Impregnite "I" of which 6.18 tons were accepted. The remaining 3 tons are still undergoing inspection. There were 120.65 tons of Solvents for Impregnite "I" reported, which is the first delivery on this item. Glove Crayon Company reports a delivery of 7,436 eight-ounce tubes of Shoe Impregnite.

VARIOUS DELIVERIES: There were 8,124 pairs of commercial Rubber Gloves, 28,275 Dust Respirators, and 3,198 Smoke Pots delivered during the week of this report. Reports also show a delivery of 172 Regimental Repair Kits, 530 Irritant Candles, and 18.45 tons of Demustardizing Agent Bleach.

INCENDIARY BOMBS: The sum of \$49,827,870 was formerly sub-allotted to the Chief, Chemical Warfare Service by the Chief of Ordnance to cover the procurement of approximately 24,913,935 four-pound Incendiary Bombs. An additional sub-allotment of \$30,172,130 has now been approved to cover the procurement of approximately 15,086,065 four-pound bombs.

This additional sub-allotment, plus the original sub-allotment, aggregates \$80,000,000 to cover the procurement of approximately 40,000,000 four-pound bombs, and leaves with the Ordnance Department approximately \$113,041,470 available to cover additional procurement by the Chemical Warfare Service of about 34,913,935 four-pound bombs and 2,160,680 of the forty-pound type, subject to such directions as may be subsequently issued.

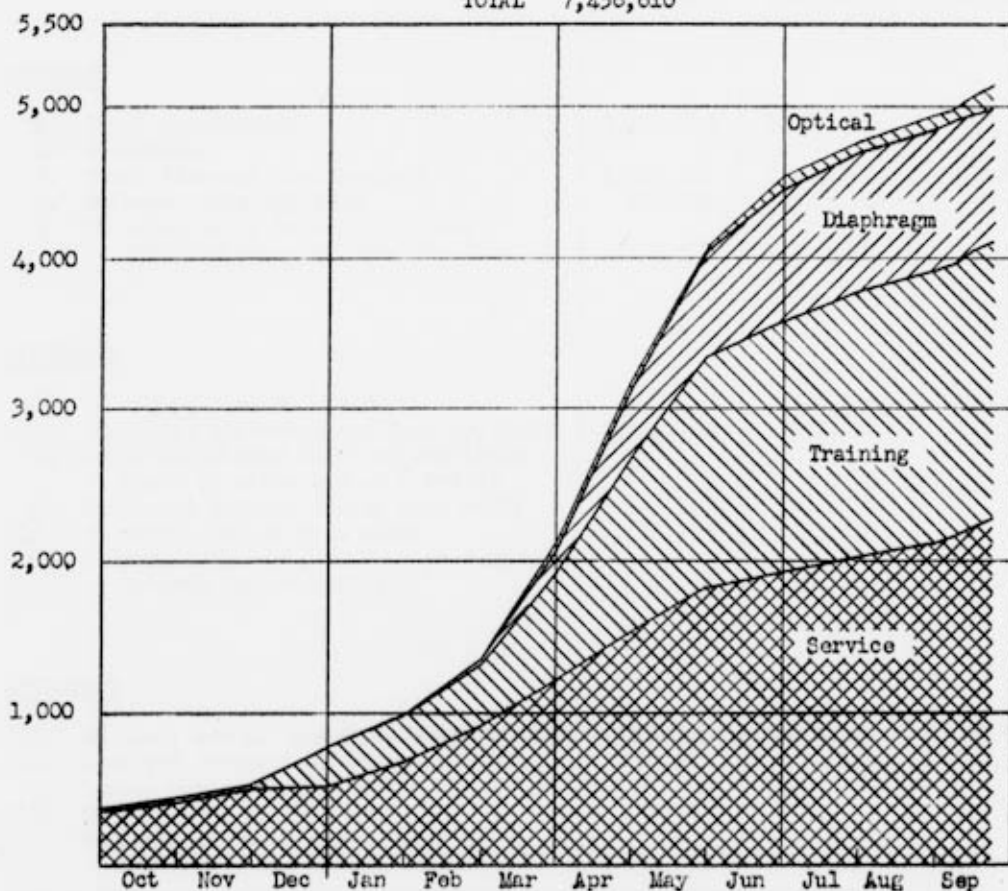
PROCUREMENT PROGRESS  
 1940-1941-1942  
GAS MASKS

Source of Information: Chemical Warfare Service

September 19, 1941

TOTAL GAS MASK PROGRAM

Service ....	3,496,234
Training ...	2,482,951
Diaphragm ..	1,360,802
Optical ....	116,623
<b>TOTAL</b>	<b>7,456,610</b>



GAS MASKS

Status of 3,200,000 Men Program as of August 31, 1941

Source of Information: Chemical Warfare Service

	GAS MASKS, SERVICE (Complete)	GAS MASKS, DIAPHRAGM (Complete)	GAS MASKS, OPTICAL (Complete)
<u>PROGRAM</u>			
1. Total requirements	3,599,995	1,139,996	67,509
2. Deferments	0	0	0
3. Total financed requirements	3,599,995	1,360,802	116,623
4. On hand, June 30, 1940	494,074	0	0
5. On order or to be ordered under financed program, June 30, 1940	3,105,921	1,360,802	116,623
<u>CONTRACTS</u>			
6. On order, June 30, 1940	478,671	389,425	38,943
7. Contracts awarded since June 30, 1940	2,827,250	971,377	77,680
8. To be contracted for from available funds (5 minus sum of 6 and 7)	0	0	0
9. Contracts awarded during this month	903,348	250,703	0
10. On order, end of this month	1,414,193	440,649	291
11. Average unit cost, current procurement program (approximate)	\$7.70	\$11.00	\$11.00
<u>INVENTORY</u>			
12. On hand, end of preceding month	2,096,966	913,225	93,943
13. Receipts during this month	88,836	6,928	22,389
14. Losses during this month	0	0	0
15. On hand, end of this month	2,185,802	920,153	116,332
16. On hand, suitable for purpose indicated, end of this month	2,185,802	920,153	116,332



TEXT - COAST ARTILLERY CORPS - PROCUREMENT PROGRESS - SEPTEMBER 27, 1941

Sources of Information: Office, Chief of Coast Artillery; Materiel Division, Air Corps; Expenditure Program--G-4

BARRAGE BALLOON PROCUREMENT

The table below shows the status of barrage balloon procurement by the Air Corps for the C.A.C. as of August 31, 1941.

Item	Current Program			Percent of Appropriation		
	Appropriated	Contracted	Delivered	Contracted	Delivered	Estimated comp. date
Cylinder, hydrogen	273,750	55,000	30,000	20	11	Feb '42
Winch, A-11	111	12	2	11	2	Oct '41
Winch, A-9	1,443	454	17	31	1	Jan '42
Winch, A-10	180	10	1	6	1	Oct '41
Balloon, low altitude	2,737	561	32	20	1	Feb '42
Balloon, high altitude	264	1	1	--	--	--
Generator, hydrogen	30	4	0	13	0	Nov '41

SUBMARINE MINE EQUIPMENT - SEPTEMBER 23, 1941

Of the total program of 264 mine groups, 197 are contracted. Deliveries to date amount to 166 compared to 116 scheduled. The present status is shown in the table below.

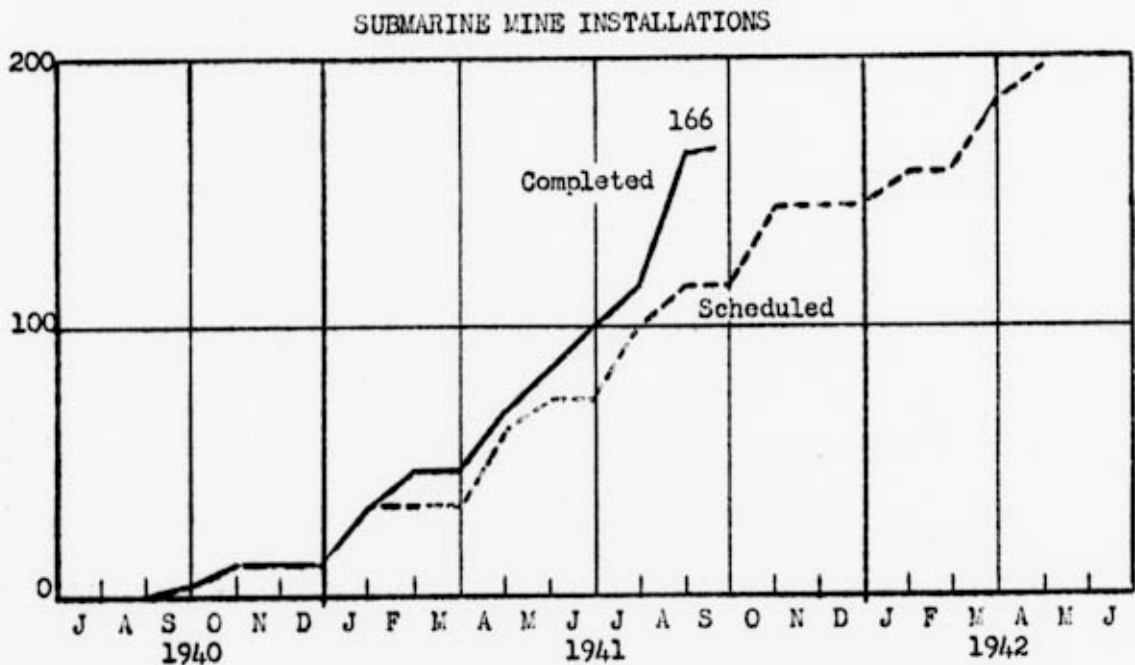
Item	Current program		Deliveries		Percent of program	
	Appropriated	Contracted	Scheduled	Sept. 23	Contracted	Delivered
Submarine mine equipment	264	197	116	166	75	63



COAST ARTILLERY CORPS - SUBMARINE MINE INSTALLATIONS - SEPTEMBER 23, 1941

Source of Information: Office, Chief of Coast Artillery

Below is a diagram of the scheduled and completed installations of submarine mine groups. With it is a table of locations and completion dates of the three incomplete projects.



INCOMPLETED GROUPS

<u>Location of project</u>	<u>Number of groups</u>	<u>Completion date</u>
*Delaware Bay	17	Mar '42
Portland	10	Apr '42
Southern New York	<u>4</u>	Apr '42
	31	

\*8 of 25 completed