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Administration

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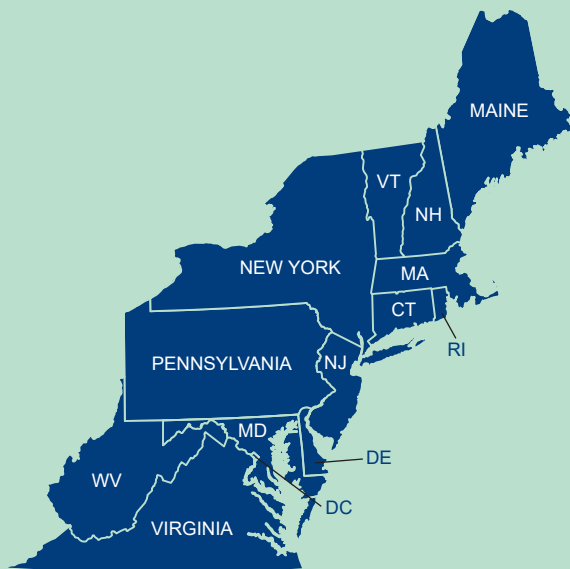
CHART SUPPLEMENT NORTHEAST U.S.

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GENERAL INFORMATION

This Chart Supplement is a Civil Flight Information Publication updated every eight weeks by the U.S. Department of Transportation, Federal Aviation Administration, Aeronautical Information Services, <http://www.faa.gov/go/ais>. It is designed for use with Aeronautical Charts covering the conterminous United States, Puerto Rico and the Virgin Islands.

The Airport/Facility Directory section contains all public-use airports, seaplane bases and heliports, military facilities, and selected private use facilities specifically requested by the Department of Defense (DoD) for which a DoD Instrument Approach Procedure has been published in the U.S. Terminal Procedures Publication. Additionally, this publication contains communications data, navigational facilities and certain special notices and procedures.

Military data contained within this publication is provided by the National Geospatial-Intelligence Agency and is intended to provide reference data for military and/or joint use airports. Not all military data contained in this publication is applicable to civil users.

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*Airspace Information includes changes to preferred routes and graphic depictions on charts.

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THIS PUBLICATION COMPRISES PART OF THE FOLLOWING SECTIONS OF THE UNITED STATES AERONAUTICAL INFORMATION PUBLICATION (AIP): GEN, ENR AND AD.

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CITY/MILITARY AIRPORT CROSS REFERENCE

Military airports are listed alphabetically by state and official airport name. The following city/military airport cross-reference listing provides alphabetical listing by state and city name for all military airport published in this directory.

STATE	CITY NAME	AIRPORT NAME
DE	DOVER.....	DOVER AFB
MA	FALMOUTH	CAPE COD CGAS
MA	SPRINGFIELD/CHICOPEE.....	WESTOVER ARB/METROPOLITAN
MD	CAMP SPRINGS	JOINT BASE ANDREWS
MD	PATUXENT	PATUXENT RIVER NAS (TRAPNELL FLD)
MD	ABERDEEN.....	PHILLIPS AAF
NJ	LAKEHURST	LAKEHURST MAXFIELD FLD
NJ	WRIGHTSTOWN	JOINT BASE MCGUIRE DIX LAKEHURST
NY	FORT DRUM.....	WHEELER SACK AAF
PA	FORT INDIANTOWN GAP.....	MUIR AAF (FORT INDIANTOWN GAP)
VA	BLACKSTONE	ALLEN C PERKINSON BLACKSTONE AAF
VA	FORT A. P. HILL	A P HILL AAF (FORT A P HILL)
VA	FORT BELVOIR	DAVISON AAF
VA	FORT EUSTIS.....	FELKER AAF
VA	FORT LEE.....	FORT LEE HELIPAD NR 3
VA	HAMPTON.....	LANGLEY AFB
VA	NORFOLK.....	NORFOLK NS (CHAMBERS FLD)
VA	VIRGINIA BEACH	OCEANA NAS (APOLLO SOUCEK FLD)
VA	QUANTICO	QUANTICO MCAF (TURNER FLD)
VA	WALLOPS ISLAND.....	WALLOPS FLIGHT FACILITY
VA	WILLIAMSBURG	CAMP PEARY LNDG STRIP

SEAPLANE LANDING AREAS

The following locations have Seaplane Landing Areas (Waterways). See alphabetical listing for complete data on these facilities.

STATE	CITY NAME	FACILITY NAME
CT	EAST HADDAM	GOODSPEED
ME	ASHLAND	BRADFORD CAMPS SPB
ME	AUGUSTA	AUGUSTA
ME	BANGOR	LUCKY LANDING MARINA
ME	CHESUNCOOK	CHESUNCOOK LAKE HOUSE SPB
ME	CHESUNCOOK	NUGENT CHAMBERLAIN LAKE
ME	EAST WINTHROP	LAKESIDE LODGE AND MARINA
ME	GREENVILLE	MOOSEHEAD AERO MARINE
ME	GREENVILLE JUNCTION	CURRIER'S
ME	JACKMAN	MOOSE RIVER
ME	LINCOLN	LINCOLN RGNL
ME	MILLINOCKET	MILLINOCKET
ME	NAPLES	BRANDY POND
ME	NAPLES	LONG LAKE
ME	NORCROSS/MILLINOCKET	BUCKHORN CAMPS
ME	OLD TOWN	DEWITT FLD/OLD TOWN MUNI
ME	PATTEN	SHIN POND
ME	PORTAGE	PORTAGE LAKE MUNI
ME	PRESQUE ISLE	PRESQUE ISLE
ME	RANGELEY	RANGELEY LAKE
ME	SINCLAIR	LONG LAKE
ME	TURNER	TWITCHELL
ME	VAN BUREN	VAN BUREN
MD	BALTIMORE	ESSEX SKYPARK
MD	HAVRE DE GRACE	HAVRE DE GRACE
MA	HALIFAX	MONPONSETT POND
NH	ALTON BAY	ALTON BAY SPB
NJ	LITTLE FERRY	LITTLE FERRY
NY	LONG LAKE	LONG LAKE (HELMS)
NY	LONG LAKE	LONG LAKE SAGAMORE SPB AND MARINA
NY	NEW YORK	EVERS
NY	NEW YORK	NEW YORK SKYPORTS INC
NY	PORT WASHINGTON	SANDS POINT
NY	ROUND LAKE	ROUND LAKE
NY	SCHUYLERVILLE	GARNSEYS
PA	ESSINGTON	PHILADELPHIA
PA	SUNBURY	SUNBURY SPB
VA	CHESTER	MCLAUGHLIN SPB

GENERAL INFORMATION

ABBREVIATIONS

The following abbreviations/acronyms are those commonly used within this Directory. Other abbreviations/acronyms may be found in the Legend and are not duplicated below. The abbreviations presented are intended to represent grammatical variations of the basic form. (Example—"req" may mean "request", "requesting", "requested", or "requests").

For additional FAA approved abbreviations/acronyms please see FAA Order JO 7340.2 —Contractions

Abbreviation	Description	Abbreviation	Description
A/G	air/ground	alt	altitude
AAF	Army Air Field	altn	alternate
AAS	Airport Advisory Service	AM	Amplitude Modulation, midnight til noon
AB	Airbase	AMC	Air Mobility Command
abm	abeam	amdt	amendment
ABn	Aerodrome Beacon	AMSL	Above Mean Sea Level
abv	above	ANGS	Air National Guard Station
ACC	Air Combat Command Area Control Center	ant	antenna
acft	aircraft	AOE	Airport/Aerodrome of Entry
ACLS	Automatic Carrier Landing System	AP	Area Planning
ACN	Aircraft Classification Number	APAPI	Abbreviated Precision Approach Path Indicator
ACR	Aircraft Classification Rating	apch	approach
act	activity	apn	apron
ACWS	Aircraft Control and Warning Squadron	APP	Approach Control
ADA	Advisory Area	Apr	April
ADCC	Air Defense Control Center	aprx	approximate
ADCUS	Advise Customs	APU	Auxiliary Power Unit
addn	addition	apv, apvl	approve, approval
ADF	Automatic Direction Finder	ARB	Air Reserve Base
adj	adjacent	ARCAL (CANADA)	Aircraft Radio Control of Aerodrome Lighting
admin	administration	ARFF	Aircraft Rescue and Fire Fighting
ADR	Advisory Route	ARINC	Aeronautical Radio Inc
advs	advise	arrg	arrange
advy	advisory	arpt	airport
AEIS	Aeronautical Enroute Information Service	arr	arrive
AER	approach end rwy	ARS	Air Reserve Station
AFA	Army Flight Activity	ARSA	Airport Radar Service Area
AFB	Air Force Base	ARSR	Air Route Surveillance Radar
afct	affect	ARTCC	Air Route Traffic Control Center
AFF	Aqueous Film Forming Foam	AS	Air Station
AFHP	Air Force Heliport	ASAP	as soon as possible
AFIS	Automatic Flight Information Service	ASDA	Accelerate-Stop Distance Available
afld	airfield	ASDE	Airport Surface Detection
AFOD	Army Flight Operations Detachment	ASDE-X	Airport Surface Detection Equipment-Model X
AFR	Air Force Regulation	asgn	assign
AFRC	Armed Forces Reserve Center/Air Force Reserve Command	ASL	Above Sea Level
AFRS	American Forces Radio Stations	ASOS	Automated Surface Observing System
AFS	Air Force Station	ASR	Airport Surveillance Radar
AFTN	Aeronautical Fixed Telecommunication Network	ASSC	Airport Surface Surveillance Capability
AG	Agriculture	ASU	Aircraft Starting Unit
A-G, A-GEAR	Arresting Gear	ATA	Actual Time of Arrival
agcy	Agency	ATC	Air Traffic Control
AGL	above ground level	ATCC	Air Traffic Control Center
AHP	Army heliport	ATCT	Airport Traffic Control Tower
AID	Airport Information Desk	ATD	Actual Time of Departure Along Track Distance
AIS	Aeronautical Information Services	ATIS	Automatic Terminal Information Service
AL	Approach and Landing Chart	ATS	Air Traffic Service
ALF	Auxiliary Landing Field	attn	attention
ALS	Approach Light System	Aug	August
ALSF-1	High Intensity ALS Category I configuration with sequenced Flashers (code)	auth	authority
ALSF-2	High Intensity ALS Category II configuration with sequenced Flashers (code)	auto	automatic
		AUW	All Up Weight (gross weight)
		aux	auxiliary
		AVASI	abbreviated VASI
		avbl	available

Abbreviation.....	Description
AvGas.....	Aviation gasoline
avn.....	aviation
AvOil.....	aviation oil
AWOS.....	Automatic Weather Observing System
AWSS.....	Automated Weather Sensor System
awt.....	await
awy.....	airway
az.....	azimuth
BA.....	braking action
BASH.....	Bird Aircraft Strike Hazard
BC.....	back course
bcn.....	beacon
bcst.....	broadcast
bdry.....	boundary
bldg.....	building
blkd.....	blocked
blo, blw.....	below
BOQ.....	Bachelor Officers Quarters
brg.....	bearing
btn.....	between
bus.....	business
byd.....	beyond
C.....	Commercial Circuit (Telephone)
CAC.....	Centralized Approach Control
cap.....	capacity
cat.....	category
CAT.....	Clear Air Turbulence
CCW or cntclkws.....	counterclockwise
ceil.....	ceiling
CERAP.....	Center Radar Approach Control
CG.....	Coast Guard
CGAF.....	Coast Guard Air Facility
CGAS.....	Coast Guard Air Station
CH, chan.....	channel
CHAPI.....	Chase Helicopter Approach Path Indicator
chg.....	change
cht.....	chart
cir.....	circle, circling
CIV, civ.....	Civil, civil, civilian
ck.....	check
CL.....	Centerline Lighting System
cl.....	class
clnc.....	clearance
clsd.....	closed
CNATRA.....	Chief of Naval Air Training
cnl.....	cancel
cntr.....	center
cntrln.....	centerline
Co.....	Company, County
CO.....	Commanding Officer
com.....	communication
cmd.....	command
Comdr.....	Commander
coml.....	commercial
compul.....	compulsory
comsn.....	commission
conc.....	concrete
cond.....	condition
const.....	construction
cont.....	continue
CONUS.....	Continental United States
convl.....	conventional
coord.....	coordinate

Abbreviation.....	Description
copter.....	helicopter
corr.....	correct
CPDLC.....	Controller Pilot Data Link Communication
crdr.....	corridor
cross.....	cross
CRP.....	Compulsory Reporting Point
crs.....	course
CS.....	call sign
CSTMS.....	Customs
CTA.....	Control Area
CTAF.....	Common Traffic Advisory Frequency
ctc.....	contact
ctl.....	control
ctn.....	caution
CTLZ.....	Control Zone
CVFR.....	Controlled Visual Flight Rules Areas
CW.....	Clockwise, Continuous Wave, Carrier Wave
dalgt.....	daylight
D-ATIS.....	Digital Automatic Terminal Information Service
daylt.....	daylight
db.....	decibel
DCL.....	Departure Clearance
Dec.....	December
decom.....	decommission
deg.....	degree
del.....	delivery
dep.....	depart
DEP.....	Departure Control
destn.....	destination
det.....	detachment
DF.....	Direction Finder
DH.....	Decision Height
DIAP.....	DoD Instrument Approach Procedure
dirct.....	directional
disem.....	disseminate
displ.....	displace
dist.....	district, distance
div.....	division
DL.....	Direct Line to FSS
dit.....	delete
dly.....	daily
DME.....	Distance Measuring Equipment (UHF standard, TACAN compatible)
DNVT.....	Digital Non-Secure Voice Telephone
DoD.....	Department of Defense
drct.....	direct
DSN.....	Defense Switching Network (Telephone)
DSN.....	Defense Switching Network
dsplcd.....	displaced
DT.....	Daylight Savings Time
dur.....	during
durn.....	duration
DV.....	Distinguished Visitor
E.....	East
ea.....	each
EAT.....	Expected Approach Time
ECN.....	Enroute Change Notice
eff.....	effective, effect
E-HA.....	Enroute High Altitude
E-LA.....	Enroute Low Altitude

Abbreviation	Description	Abbreviation	Description
elev	elevation	GA	Glide Angle
ELT	Emergency Locator Transmitter	gal	gallon
EMAS	Engineered Material Arresting System	GAT	General Air Traffic (Europe-Asia)
emerg	emergency	GCA	Ground Control Approach
eng	engine	GCO	Ground Communication Outlet
EOR	End of Runway	gldr	glider
eqpt	equipment	GND	Ground Control
ERDA	Energy Research and Development Administration	gnd	ground
E-S	Enroute Supplement	govt	government
est	estimate	GP	Glide Path
estab	establish	Gp	Group
ETA	Estimated Time of Arrival	GPI	Ground Point of Intercept
ETD	Estimated Time of Departure	grad	gradient
ETE	Estimated Time Enroute	grd	guard
ETS	European Telephone System	GS	glide slope
EUR	European (ICAO Region)	GWT	gross weight
ev	every	H	Enroute High Altitude Chart (followed by identification)
evac	evacuate	H+	Hours or hours plus...minutes past the hour
exc	except	H24	continuous operation
excl	exclude	HAA	Height Above Airport/Aerodrome
exer	exercise	HAL	Height Above Landing Area
exm	exempt	HAR	Height Above Runway
exp	expect	HAT	Height Above Touchdown
extd	extend	haz	hazard
extn	extension	hdg	heading
extv	extensive	HDTA	High Density Traffic Airport/Aerodrome
F/W	Fixed Wing	HF	High Frequency (3000 to 30,000 KHz)
FAA	Federal Aviation Administration	hgr	hangar
fac	facility	hgt	height
FAWS	Flight Advisory Weather Service	hi	high
fax	facsimile	HIRL	High Intensity Runway Lights
FBO	Fixed Base Operator	HO	Service available to meet operational requirements
FCC	Flight Control Center	hol	holiday
FCG	Foreign Clearance Guide	HOLF	Helicopter Outlying Field
FCLP	field carrier landing practice	hosp	hospital
fcst	forecast	HQ	Headquarters
Feb	February	hr	hour
FIC	Flight Information Center	HS	Service available during hours of scheduled operations
FIH	Flight Information Handbook	hsg	housing
FIR	Flight Information Region	hvy	heavy
FIS	Flight Information Service	HW	Heavy Weight
FL	flight level	hwy	highway
fld	field	HX	station having no specific working hours
flg	flashing	Hz	Hertz (cycles per second)
FLIP	Flight Information Publication	I	Island
flt	flight	IAP	Instrument Approach Procedure
flw	follow	IAS	Indicated Air Speed
FM	Fan Marker, Frequency Modulation	IAW	in accordance with
FOC	Flight Operations Center	ICAO	International Civil Aviation Organization
FOD	Foreign Object Damage	ident	identification
fone	telephone	IFF	Identification, Friend or Foe
FPL	Flight Plan	IFR	Instrument Flight Rules
fpm	feet per minute	IFR-S	FLIP IFR Supplement
fr	from	ILS	Instrument Landing System
freq	frequency, frequent	IM	Inner Marker
Fri	Friday	IMC	Instrument Meteorological Conditions
fmg	firing	IMG	Immigration
FSS	Flight Service Station		
ft	foot		
ftt	fighter		

Abbreviation.....	Description
immed.....	immediate
inbd.....	inbound
Inc.....	Incorporated
incl.....	include
incr.....	increase
indef.....	indefinite
info.....	information
inop.....	inoperative
inst.....	instrument
instl.....	install
instr.....	instruction
int.....	intersection
intcntl.....	intercontinental
intcp.....	intercept
intl.....	international
intmt.....	intermittent
ints.....	intense, intensity
invo.....	in the vicinity of
irreg.....	Irregularly
Jan.....	January
JASU.....	Jet Aircraft Starting Unit
JATO.....	Jet Assisted Take-Off
JOAP.....	Joint Oil Analysis Program
JOSAC.....	Joint Operational Support Airlift Center
JRB.....	Joint Reserve Base
Jul.....	July
Jun.....	June
K or Kt.....	Knots
kHz.....	kilohertz
KIAS.....	Knots Indicated Airspeed
KLIZ.....	Korea Limited Identification Zone
km.....	Kilometer
kw.....	kilowatt
L.....	Compass locator (Component of ILS system) under 25 Watts, 15 NM, Enroute Low Altitude Chart (followed by identification)
L.....	Local Time
LAHSO.....	Land and Hold-Short Operations
L-AOE.....	Limited Airport of Entry
LAWRS.....	Limited Aviation Weather Reporting Station
lb, lbs.....	pound (weight)
LC.....	local call
lcl.....	local
LCP.....	French Peripheral Classification Line
lctd.....	located
lctn.....	location
lctr.....	locator
LCVASI.....	Low Cost Visual Approach Slope Indicator
lczr.....	localizer
LD.....	long distance
LDA.....	Landing Distance Available
ldg.....	landing
LDIN.....	Lead-in Lights
LDOCF.....	Long Distance Operations Control Facility
len.....	length
lgt, lgtd, lgts.....	light, lighted, lights
LIRL.....	Low Intensity Runway Lights
LLWAS.....	Low-Level Wind Shear Alert System

Abbreviation.....	Description
LLZ.....	Localizer (Instrument Approach Procedures Identification only)
LMM.....	Compass locator at Middle Marker ILS
lo.....	low
LoALT or LA.....	Low Altitude
LOC.....	Localizer
LOM.....	Compass locator at Outer Marker ILS
LR.....	Long Range, Lead Radial
LRA.....	Landing Rights Airport
LRRS.....	Long Range RADAR Station
LSB.....	lower side band
ltd.....	limited
M.....	meters, magnetic (after a bearing), Military Circuit (Telephone)
MACC.....	Military Area Control Center
mag.....	magnetic
maint.....	maintain, maintenance
maj.....	major
MALS.....	Medium Intensity Approach Lighting System
MALSF.....	MALS with Sequenced Flashers
MALSRL.....	MALS with Runway Alignment Indicator Lights
Mar.....	March
MARA.....	Military Activity Restricted Area
MATO.....	Military Air Traffic Operations
MATZ.....	Military Aerodrome Traffic Zone
max.....	maximum
mb.....	millibars
MCAC.....	Military Common Area Control
MCAF.....	Marine Corps Air Facility
MCALF.....	Marine Corps Auxiliary Landing Field
MCAS.....	Marine Corps Air Station
MCB.....	Marine Corps Base
MCC.....	Military Climb Corridor
MCOLF.....	Marine Corps Outlying Field
MDA.....	Minimum Descent Altitude
MEA.....	Minimum Enroute Altitude
med.....	medium
MEHT.....	Minimum Eye Height over Threshold
mem.....	memorial
MET.....	Meteorological, Meteorology
METAR.....	Aviation Routine Weather Report (in international MET figure code)
METRO.....	Pilot-to-Metro voice cell
MF.....	Medium Frequency (300 to 3000 KHz), Mandatory Frequency (Canada)
MFA.....	Minimum Flight Altitude
mgmt.....	Management
mgr.....	manager
MHz.....	Megahertz
mi.....	mile
MID/ASIA.....	Middle East/Asia (ICAO Region)
MIJI.....	Meaconing, Intrusion, Jamming, and Interference
Mil, mil.....	military
min.....	minimum, minute
MIRL.....	Medium Intensity Runway Lights
missl.....	missile
mkr.....	marker (beacon)
MM.....	Middle Marker of ILS
mnt.....	monitor
MOA.....	Military Operations Area

Abbreviation	Description	Abbreviation	Description
MOCA	Minimum Obstruction Clearance Altitude	NSTD, nstd	nonstandard
mod	modify	ntc	notice
MOG	Maximum (aircraft) on the Ground	NVD	Night Vision Devices
MON	Minimum Operational Network	NVG	Night Vision Goggles
Mon	Monday	NW	Northwest
MP	Maintenance Period	NWC	Naval Weapons Center
MR	Medium Range	O/A	On or about
MRA	Minimum Reception Altitude	O/S	out of service
mrk	mark, marker	O/R	On Request
MSAW	minimum safe altitude warning	OAT	Operational Air Traffic
msg	message	obsn	observation
MSL	Mean Sea Level	obst	obstruction
msn	Mission	OCA	Oceanic Control Area
mt	mount, mountain	ocnl	occasional
MTAF	Mandatory Traffic Advisory Frequency	Oct	October
MTCA	Military Terminal Control Area	ODALS	Omnidirectional Approach Lighting System
mtlly	monthly	ODO	Operations Duty Officer
MUAC	Military Upper Area Control	offl	official
muni	municipal	OIC	Officer In Charge
MWARA	Major World Air Route Area	OLF	Outlying Field
N	North	OLS	Optical Landing System
N/A	not applicable	OM	Outer Marker, ILS
NA	not authorized (For Instrument Approach Procedure take-off and alternate MINIMA only)	opr	operate, operator, operational
NAAS	Naval Auxiliary Air Station	OPS, ops	operations
NADC	Naval Air Development Center	orig	original
NADEP	Naval Air Depot	OROCA	Off Route Obstruction Clearance Altitude
NAEC	Naval Air Engineering Center	ORTCA	Off Route Terrain Clearance Altitude
NAES	Naval Air Engineering Station	OT	other times
NAF	Naval Air Facility	OTS	out of service
NALCO	Naval Air Logistics Control Office	outbd	outbound
NALF	Naval Auxiliary Landing Field	ovft	overflight
NALO	Navy Air Logistics Office	ovrn	overrun
NAS	Naval Air Station	OX	oxygen
NAT	North Atlantic (ICAO Region)	P/L	plain language
natl	national	PAC	Pacific (ICAO Region)
nav	navigation	PAEW	personnel and equipment working
navaid	navigation aid	PALS	Precision Approach and Landing System (NAVY)
NAVMTO	Navy Material Transportation Office	PAPI	Precision Approach Path Indicator
NAWC	Naval Air Warfare Center	PAR	Precision Approach Radar
NAWS	Naval Air Weapons Station	para	paragraph
NCRP	Non-Compulsory Reporting Point	parl	parallel
NDB	Non-Directional Radio Beacon	pat	pattern
NE	Northeast	PAX	Passenger
nec	necessary	PCL	pilot controlled lighting
NEW	Net Explosives Weight	PCN	Pavement Classification Number
ngt	night	PCR	Pavement Classification Rating
NM	nautical miles	PDC	Pre-Departure Clearance
nml	normal	pent	penetrate
NMR	nautical mile radius	perm	permanent
No or Nr	number	perms	permission
NOLF	Naval Outlying Field	pers	personnel
NORDO	Lost communications or no radio installed/available in aircraft	PFC	Porous Friction Courses
NOTAM	Notice to Air Missions	PJE	Parachuting Activities/Exercises
Nov	November	p-line	power line
npi	non precision instrument	PM	Post meridian, noon til midnight
Nr or No	number	PMRF	Pacific Missile Range Facility
NS	Naval Station	PMSV	Pilot-to-Metro Service
NS ABTMT	Noise Abatement	PN	prior notice
NSA	Naval Support Activity	POB	persons on board
NSF	Naval Support Facility	POL	Petrol, Oils and Lubricants
		posn	position

Abbreviation.....	Description
PPR	prior permission required
prcht	parachute
pref	prefer
prev	previous
prim	primary
prk	park
PRM.....	Precision Runway Monitor
pro	procedure
proh	prohibited
pt.....	point
PTD	Pilot to Dispatcher
pub	publication
publ	publish
PVASI.....	Pulsating Visual Approach Slope Indicator
pvt	private
pwr	power
QFE.....	Altimeter Setting above station
QNE	Altimeter Setting of 29.92 inches which provides height above standard datum plane
QNH.....	Altimeter Setting which provides height above mean sea level
qtrs	quarters
quad.....	quadrant
R/T.....	Radiotelephony
R/W	Rotary/Wing
RACON	Radar Beacon
rad	radius, radial
RAIL.....	Runway Alignment Indicator Lights
RAMCC.....	Regional Air Movement Control Center
R-AOE.....	Regular Airport of Entry
RAPCON.....	Radar Approach Control (USAF)
RATCF.....	Radar Air Traffic Control Facility (Navy)
RCAG	Remote Center Air to Ground Facility
RCAGL	Remote Center Air to Ground Facility Long Range
RCL.....	runway centerline
RCLS.....	Runway Centerline Light System
RCO	Remote Communications Outlet
rcpt	reception
RCR	Runway Condition Reading
rcv	receive
rcvr	receiver
rdo	radio
reconst	reconstruct
reful	refueling
reg	regulation, regular
REIL.....	Runway End Identifier Lights
rel	reliable
relctd	relocated
REP	Reporting Point
req	request
RETIL.....	Rapid Exit Taxiway Indicator Light
Rgn	Region
Rgnl	Regional
rgt	right
rgt tfc	right traffic
rlgd	realigned
RLLS	Runway Lead-in Light System
rmk	remark
rng	range, radio range
RNP	Required Navigation Performance

Abbreviation	Description
RON	Remain Overnight
Rot Lt or Bcn	Rotating Light or Beacon
RPI	Runway Point of Intercept
rpt	report
rqr	require
RR	Railroad
RRP	Runway Reference Point
RSC	Runway Surface Condition
RSDU.....	Radar Storm Detection Unit
RSE	Runway Starter Extension/Starter Strip
RSRS	Reduced Same Runway Separation
rstd	restricted
rte	route
ruf	rough
RVR	Runway Visual Range
RVSM	Reduced Vertical Separation Minima
rw	runway
S	South
S/D	Seadrome
SALS.....	Short Approach Lighting System
SAR	Search and Rescue
Sat.....	Saturday
SAVASI.....	Simplified Abbreviated Visual Approach Slope Indicator
SAWRS	Supplement Aviation Weather Reporting Station
sby	standby
Sched.....	scheduled services
sctr	sector
SDF	Simplified Directional Facility
SE	Southeast
sec.....	second, section
secd.....	secondary
SELCAL	Selective Calling System
SELF	Strategic Expeditionary Landing Field
SEng	Single Engine
Sep	September
SFA	Single Frequency Approach
SFB	Space Force Base
sfc	surface
SFL	Sequence Flashing Lights
SFRA	Special Flight Rules Area
SID	Standard Instrument Departure
SIDA	Secure Identification Display Area
SIF	Selective Identification Feature
sked	schedule
SM	statute miles
SOAP	Spectrometric Oil Analysis Program
SOF	Supervisor of Flying
SPB	Seaplane Base
SR	sunrise
SRE	Surveillance Radar Element of GCA (Instrument Approach Procedures Identification only)
SS	sunset
SSALS/R.....	Simplified Short Approach Lighting System/with RAIL
SSB	Single Sideband
SSR	Secondary Surveillance Radar
STA	Straight-in Approach
std	standard
stn	station
stor	storage
str-in	Straight-in

AbbreviationDescription

stu	student
subj	subject
survl	survival, surveillance
sum	summer
Sun	Sunday
sur	surround
suspd	suspended
sUAS	small Unmanned Aerial Systems
svc	service
svcg	servicing
SW	Southwest
sys	system
TA	Transition Altitude
TAC	Tactical Air Command
TAF	Aerodrome (terminal or alternate) forecast in abbreviated form
TALCE	Tanker Aircraft Control Element
TCA	Terminal Control Area
TCH	Threshold Crossing Height
TCTA	Transcontinental Control Area
TD	Touchdown
TDWR	Terminal Doppler Weather Radar
TDZ	Touchdown Zone
TDZL	Touchdown Zone Lights
tfc	traffic
thld	threshold
thou	thousand
thru	through
Thu	Thursday
til	until
tkf, tkof	take-off
TLv	Transition Level
tmpry	temporary
TODA	Take-Off Distance Available
TORA	Take-Off Run Available
TP	Tire Pressure
TPA	Traffic Pattern Altitude
TRACON	Terminal Radar Approach Control (FAA)
tran	transient
trans	transmit
trml	terminal
trng	training
trns	transition
TRSA	Terminal Radar Service Area
Tue	Tuesday
TV	Television
twr	tower
twy	taxiway
UACC	Upper Area Control Center (used outside US)
UAS	Unmanned Aerial Systems
UC	Under Construction
UCN	Urgent Change Notice
UDA	Upper Advisory Area
UDF	Ultra High Frequency Direction Finder
UFN	until further notice
UHF	Ultra High Frequency (300 to 3000 MHz)
UIR	Upper Flight Information Region
una	unable
unauthd	unauthorized
unavl	unavailable
unctl	uncontrolled
unk	unknown
unlgt	unlighted

Abbreviation Description

unltd	unlimited
unmrk	unmarked
unmto	unmonitored
unrel	unreliable
unrstd	unrestricted
unsatfy	unsatisfactory
unskd	unscheduled
unsvc	unserviceable
unuse, unusbl	unusable
USA	United States Army
USAF	United States Air Force
USB	Upper Side Band
USCG	United States Coast Guard
USMC	United States Marine Corps
USSF	United States Space Force
USN	United States Navy
UTA	Upper Control Area
UTC	Coordinated Universal Time
V	Defense Switching Network (telephone, formerly AUTOVON)
V/STOL	Vertical and Short Take-off and Landing aircraft
VAL	Visiting Aircraft Line
var	variation (magnetic variation)
VASI	Visual Approach Slope Indicator
vcnty	vicinity
VDF	Very High Frequency Direction Finder
veh	vehicle
vert	vertical
VFR	Visual Flight Rules
VFR-S	FLIP VFR Supplement
VHF	Very High Frequency (30 to 300 MHz)
VIP	Very Important Person
vis	visibility
VMC	Visual Meteorological Conditions
VOIP	Voice Over Internet Protocol
VOT	VOR Receiver Testing Facility
W	Warning Area (followed by identification), Watts, West, White
WCH	Wheel Crossing Height
Wed	Wednesday
Wg	Wing
WIE	with immediate effect
win	winter
WIP	work in progress
WSO	Weather Service Office
WSFO	Weather Service Forecast Office
wk	week
wkd	weekday
wkly	weekly
wng	warning
wo	without
WSP	Weather System Processor
wt	weight
wx	weather
yd	yard
yr	year
Z	Greenwich Mean Time (time groups only)

INTENTIONALLY
LEFT
BLANK

AIRPORT/FACILITY DIRECTORY LEGEND

SAMPLE

①
CITY NAME

②
AIRPORT NAME (ALTERNATE NAME) (LTS)(KLTS) CIV/MIL 3 N UTC-6(-5DT) N34°41.93' W99°20.20'

③
200 B TPA—1000(800) AOE LRA Class IV, ARFF Index A NOTAM FILE ORL Not insp. MON Airport

④
⑤
⑥
⑦
⑧
JACKSONVILLE COPTER
H-4G, L-19C
IAP, DIAP, AD

⑨

⑩
⑪
⑫
⑬
⑭
⑮
⑯
⑰
⑱
⑲ → **Rwy 18-36:** H12004X200 (ASPH-CONC-GRVD)
S-90, D-160, 2D-300 PCN 80 R/B/W/T HIRL CL
Rwy 18: RLLS. MALSF. TDZL. REIL. PAPI(P2R)—GA 3.0° TCH 36'.
RVR-TMR. Thld displcd 300'. Trees. Rgt tfc. 0.3% up.
Rwy 36: ALSF1. 0.4% down.
Rwy 09-27: H6000X150 (ASPH) PCR 1234 R/B/W/T MIRL
Rwy 173-353: H3515X150 (ASPH-PFC) AUW PCN 59 F/A/W/T

⑳ → **LAND AND HOLD—SHORT OPERATIONS**

LDG RWY	HOLD—SHORT POINT	AVBL	LDG DIST
Rwy 18	09-27	6500	
Rwy 36	09-27	5400	

㉑ → **RUNWAY DECLARED DISTANCE INFORMATION**

Rwy 18: TORA-12004 TODA-12004 ASDA-11704 LDA-11504
Rwy 36: TORA-12004 TODA-12004 ASDA-12004 LDA-11704

㉒ → **ARRESTING GEAR/SYSTEM**

Rwy 18 HOOK E5 (65' OVRN) BAK-14 BAK-12B (1650')
BAK-14 BAK-12B (1087') HOOK E5 (74' OVRN) **Rwy 36**

㉓ → **SERVICE:** S4 **FUEL** 100LL, JET A QX 1,3 **LGT** ACTIVATE MALSR Rwy 29, REIL Rwy 11, VASI Rwy 11, HIRL Rwy 11-29, PAPI Rwy 17 and Rwy 35, MIRL Rwy 17-35—CTAF. **MILITARY—A-GEAR** E-5 connected on dep end, disconnected on apch end.
JASU 3(AM32A-60) 2(A/M32A-86) **FUEL** J8(Mil)(NC-100, A)
FLUID W SP PRESAIR LOX OIL O-128 **MAINT** S1 Mon-Fri 1000-2200Z†
TRAN ALERT Avbl 1300-0200Z† svc limited weekends.

㉔ → **NOISE:** Noise abatement 3 miles from Rwy 18. Contact tower manager.

㉕ → **AIRPORT REMARKS:** Special Air Traffic Rules—Part 93, see Regulatory Notices. Attended 1200-0300Z†. Parachute Jumping, Deer invof arpt. Heavy jumbo jet training surface to 9000'. Twy A clsd indef. Flight Notification Service (ADCUS) avbl.

㉖ → **MILITARY REMARKS:** ANG PPR/Official Business Only. Base OPS DSN 638-4390, C503-335-4222. Ctc Base OPS 15 minutes prior to ldg and after dep. Limited tran parking.

㉗ → **AIRPORT MANAGER:** (580) 481-5739

㉘ → **WEATHER DATA SOURCES:** AWOS-1 120.3 (202) 426-8000. LAWRS.

㉙ → **COMMUNICATIONS:** SFA CTAF 122.8 **UNICOM** 122.95 **ATIS** 127.25 273.5 (202) 426-8003 **PTD** 372.2
NAME FSS (ORL) on arpt. 123.65 122.65 122.2
NAME RCO 112.2T 112.1R (NAME RADIO)
⑲ **NAME APP/DEP CON** 128.35 257.725 (1200-0400Z†)
TOWER 119.65 255.6 (1200-0400Z†) **GND CON** 121.7 **GCO** 135.075 (ORLANDO CLNC) **CLNC DEL** 125.55
CPDLC D-HZWXR, D-TAXI, DCL (LOGON KMEM)
NAME COMD POST (GERONIMO) 311.0 321.4 6761 **PMSV METRO** 239.8 **NAME OPS** 257.5

㉚ → **AIRSPACE:** CLASS B See VFR Terminal Area Chart.

㉛ → **VOR TEST FACILITY (VOT):** 116.7

㉜ → **RADIO AIDS TO NAVIGATION:** NOTAM FILE ORL. VHF/DF ctc FSS.
(VH) (H) **VORTAC** 112.2 MCO Chan 59 N28°32.55' W81°20.12' at fld. 1110/8E.
(H) **TACAN** Chan 29 CBU (109.2) N28°32.65' W81°21.12' at fld. 1115/8E.
HERNY NDB (LOM) 221 OR N28°37.40' W81°21.05' 177° 5.4 NM to fld.
ILS/DME 108.5 I-ORL Chan 22 Rwy 18. Class IIE. LOM **HERNY NDB**.
ASR/PAR (1200-0400Z†)

㉝ → **COMM/NAV/WEATHER REMARKS:** Emerg frequency 121.5 not avbl at twr.

HELIPAD H1: H100X75 (ASPH)
HELIPAD H2: H60X60 (ASPH)

HELIPORT REMARKS: Helipad H1 lctd on general aviation side and H2 lctd on air carrier side of arpt.
187 TPA 1000(813)

WATERWAY 15-33: 5000X425 (WATER)

SEAPLANE REMARKS: Birds roosting and feeding areas along river banks. Seaplanes operating adjacent to SW side of arpt not visible from twr and are required to ctc twr.

All bearings and radials are magnetic unless otherwise specified. All mileages are nautical unless otherwise noted.
All times are Coordinated Universal Time (UTC) except as noted. All elevations are in feet above/below Mean Sea Level (MSL) unless otherwise noted.
The horizontal reference datum of this publication is North American Datum of 1983 (NAD83), which for charting purposes is considered equivalent to World Geodetic System 1984 (WGS 84).

10

SKETCH LEGEND

19171

RUNWAYS/LANDING AREAS

- Hard Surface
- Metal Surface
- Other than Hard Surface Runways
- Water Runway
- Under Construction
- Closed Rwy
- Closed Pavement
- Helicopter Landings Area
- Displaced Threshold
- Taxiway, Apron and Stopways

MISCELLANEOUS BASE AND CULTURAL FEATURES

- Buildings
- Power Lines
- Towers
- Wind Turbine
- Tanks
- Oil Well
- Smoke Stack
- Obstruction
- Controlling Obstruction
- Trees
- Populated Places
- Cuts and Fills
- Cliffs and Depressions
- Ditch
- Hill

RADIO AIDS TO NAVIGATION

- VORTAC
- VOR
- VOR/DME
- NDB
- TACAN
- NDB/DME
- DME

MISCELLANEOUS AERONAUTICAL FEATURES

- Airport Beacon
- Wind Cone
- Landing Tee
- Tetrahedron
- Control Tower

When control tower and rotating beacon are co-located beacon symbol will be used and further identified as TWR.

APPROACH LIGHTING SYSTEMS

A dot "•" portrayed with approach lighting letter identifier indicates sequenced flashing lights (F) installed with the approach lighting system e.g., (A1) Negative symbology, e.g., (A1) (V) indicates Pilot Controlled Lighting (PCL).

- Runway Centerline Lighting
- (A) Approach Lighting System ALSF-2
- (A1) Approach Lighting System ALSF-1
- (A2) Short Approach Lighting System SALS/SALSF
- (A3) Simplified Short Approach Lighting System (SSALR) with RAIL
- (A4) Medium Intensity Approach Lighting System (MALS and MALSF)/(SSALS and SSALF)
- (A5) Medium Intensity Approach Lighting System (MALSR) and RAIL
- (V) Omnidirectional Approach Lighting System (ODALS)
- (D) Navy Parallel Row and Cross Bar
- (F) Air Force Overrun
- (V) Visual Approach Slope Indicator with Standard Threshold Clearance provided
- (V2) Pulsating Visual Approach Slope Indicator (PVASI)
- (V3) Visual Approach Slope Indicator with a threshold crossing height to accommodate long bodied or jumbo aircraft
- (V4) Tri-color Visual Approach Slope Indicator (TRCV)
- (V5) Approach Path Alignment Panel (APAP)
- (P) Precision Approach Path Indicator (PAPI)

LEGEND

This directory is a listing of data on record with the FAA on public-use airports, military airports and selected private-use airports specifically requested by the Department of Defense (DoD) for which a DoD Instrument Approach Procedure has been published in the U.S. Terminal Procedures Publication. Additionally this listing contains data for associated terminal control facilities, air route traffic control centers, and radio aids to navigation within the conterminous United States, Puerto Rico and the Virgin Islands. Civil airports and joint Civil/Military airports which are open to the public are listed alphabetically by state, associated city and airport name and cross-referenced by airport name. Military airports and private-use (limited civil access) joint Military/Civil airports are listed alphabetically by state and official airport name and cross-referenced by associated city name. Nav aids, flight service stations and remote communication outlets that are associated with an airport, but with a different name, are listed alphabetically under their own name, as well as under the airport with which they are associated.

The listing of an airport as open to the public in this directory merely indicates the airport operator's willingness to accommodate transient aircraft, and does not represent that the airport conforms with any Federal or local standards, or that it has been approved for use on the part of the general public. Military airports, private-use airports, and private-use (limited civil access) joint Military/Civil airports are open to civil pilots only in an emergency or with prior permission. See Special Notice Section, Civil Use of Military Fields.

The information on obstructions is taken from reports submitted to the FAA. Obstruction data has not been verified in all cases. Pilots are cautioned that objects not indicated in this tabulation (or on the airports sketches and/or charts) may exist which can create a hazard to flight operation. Detailed specifics concerning services and facilities tabulated within this directory are contained in the Aeronautical Information Manual, Basic Flight Information and ATC Procedures.

The legend items that follow explain in detail the contents of this Directory and are keyed to the circled numbers on the sample on the preceding pages.

① CITY/AIRPORT NAME

Civil and joint Civil/Military airports which are open to the public are listed alphabetically by state and associated city. Where the city name is different from the airport name the city name will appear on the line above the airport name. Airports with the same associated city name will be listed alphabetically by airport name and will be separated by a dashed rule line. A solid rule line will separate all others. FAA approved helipads and seaplane landing areas associated with a land airport will be separated by a dotted line. Military airports and private-use (limited civil access) joint Military/Civil airports are listed alphabetically by state and official airport name.

② ALTERNATE NAME

Alternate names, if any, will be shown in parentheses.

③ LOCATION IDENTIFIER

The location identifier is a three or four character FAA code followed by a four-character ICAO code, when assigned, to airports. If two different military codes are assigned, both codes will be shown with the primary operating agency's code listed first. These identifiers are used by ATC in lieu of the airport name in flight plans, flight strips and other written records and computer operations. Zeros will appear with a slash to differentiate them from the letter "O".

④ OPERATING AGENCY

Airports within this directory are classified into two categories, Military/Federal Government and Civil airports open to the general public, plus selected private-use airports. The operating agency is shown for military, private-use and joint use airports. The operating agency is shown by an abbreviation as listed below. When an organization is a tenant, the abbreviation is enclosed in parenthesis. No classification indicates the airport is open to the general public with no military tenant.

A	US Army	MC	Marine Corps
AFRC	Air Force Reserve Command	MIL/CIV	Joint Use Military/Civil Limited Civil Access
AF	US Air Force	N	Navy
ANG	Air National Guard	NAF	Naval Air Facility
AR	US Army Reserve	NAS	Naval Air Station
ARNG	US Army National Guard	NASA	National Air and Space Administration
CG	US Coast Guard	P	US Civil Airport Wherein Permit Covers Use by Transient Military Aircraft
CIV/MIL	Joint Use Civil/Military Open to the Public		
DND	Department of National Defense Canada	PVT	Private Use Only (Closed to the Public)
DOE	Department of Energy		

⑤ AIRPORT LOCATION

Airport location is expressed as distance and direction from the center of the associated city in nautical miles and cardinal points, e.g., 3 N.

⑥ TIME CONVERSION

Hours of operation of all facilities are expressed in Coordinated Universal Time (UTC) and shown as "Z" time. The directory indicates the number of hours to be subtracted from UTC to obtain local standard time and local daylight saving time UTC-5(-4DT). The symbol † indicates that during periods of Daylight Saving Time (DST) effective hours will be one hour earlier than shown. In those areas where daylight saving time is not observed the (-4DT) and † will not be shown. Daylight saving time is in effect from 0200 local time the second Sunday in March to 0200 local time the first Sunday in November. Canada and all U.S. Conterminous States observe daylight saving time except Arizona and Puerto Rico, and the Virgin Islands. If the state observes daylight saving time and the operating times are other than daylight saving times, the operating hours will include the dates, times and no † symbol will be shown, i.e., April 15-Aug 31 0630-1700Z, Sep 1-Apr 14 0600-1700Z.

7 GEOGRAPHIC POSITION OF AIRPORT—AIRPORT REFERENCE POINT (ARP)

Positions are shown as hemisphere, degrees, minutes and hundredths of a minute and represent the approximate geometric center of all usable runway surfaces.

8 CHARTS

Charts refer to the Sectional Chart and Low and High Altitude Enroute Chart and panel on which the airport or facility is depicted. Pacific Enroute Chart will be indicated by P. Area Enroute Charts will be indicated by A. Helicopter Chart depictions will be indicated as COPTER. IFR Gulf of Mexico West and IFR Gulf of Mexico Central will be referenced as GOMW and GOMC.

9 INSTRUMENT APPROACH PROCEDURES, AIRPORT DIAGRAMS

IAP indicates an airport for which a prescribed (Public Use) FAA Instrument Approach Procedure has been published. DIAP indicates an airport for which a prescribed DoD Instrument Approach Procedure has been published in the U.S. Terminal Procedures. See the Special Notice Section of this directory, Civil Use of Military Fields and the Aeronautical Information Manual 5-4-5 Instrument Approach Procedure Charts for additional information. AD indicates an airport for which an airport diagram has been published. Airport diagrams are located in the back of each Chart Supplement volume alphabetically by associated city and airport name.

10 AIRPORT SKETCH

The airport sketch, when provided, depicts the airport and related topographical information as seen from the air and should be used in conjunction with the text. It is intended as a guide for pilots in VFR conditions. Symbolology that is not self-explanatory will be reflected in the sketch legend. The airport sketch will be oriented with True North at the top.

11 ELEVATION

The highest point of an airport's usable runways measured in feet from mean sea level. When elevation is sea level it will be indicated as "00". When elevation is below sea level a minus "-" sign will precede the figure.

12 ROTATING LIGHT BEACON

B indicates rotating beacon is available. Rotating beacons operate sunset to sunrise unless otherwise indicated in the AIRPORT REMARKS or MILITARY REMARKS segment of the airport entry.

13 TRAFFIC PATTERN ALTITUDE

Traffic Pattern Altitude (TPA)—The first figure shown is TPA above mean sea level. The second figure in parentheses is TPA above airport elevation. TPA will only be published if they differ from the recommended altitudes as described in the AIM, Traffic Patterns. Multiple TPA shall be shown as "TPA—See Remarks" and detailed information shall be shown in the Airport or Military Remarks Section. Traffic pattern data for USAF bases, USN facilities, and U.S. Army airports (including those on which ACC or U.S. Army is a tenant) that deviate from standard pattern altitudes shall be shown in Military Remarks.

14 AIRPORT OF ENTRY, LANDING RIGHTS, AND CUSTOMS USER FEE AIRPORTS

U.S. CUSTOMS USER FEE AIRPORT—Private Aircraft operators are frequently required to pay the costs associated with customs processing.

AOE—Airport of Entry. A customs Airport of Entry where permission from U.S. Customs is not required to land. However, at least one hour advance notice of arrival is required.

LRA—Landing Rights Airport. Application for permission to land must be submitted in advance to U.S. Customs. At least one hour advance notice of arrival is required.

NOTE: Advance notice of arrival at both an AOE and LRA airport may be included in the flight plan when filed in Canada or Mexico. Where Flight Notification Service (ADCUS) is available the airport remark will indicate this service. This notice will also be treated as an application for permission to land in the case of an LRA. Although advance notice of arrival may be relayed to Customs through Mexico, Canada, and U.S. Communications facilities by flight plan, the aircraft operator is solely responsible for ensuring that Customs receives the notification. (See Customs, Immigration and Naturalization, Public Health and Agriculture Department requirements in the International Flight Information Manual for further details.)

U.S. CUSTOMS AIR AND SEA PORTS, INSPECTORS AND AGENTS

Northeast Sector (New England and Atlantic States—ME to MD)	407-975-1740
Southeast Sector (Atlantic States—DC, WV, VA to FL)	407-975-1780
Central Sector (Interior of the US, including Gulf states—MS, AL, LA)	407-975-1760
Southwest East Sector (OK and eastern TX)	407-975-1840
Southwest West Sector (Western TX, NM and AZ)	407-975-1820
Southwest West Sector (Western TX, NM and AZ)	407-975-1820
Pacific Sector (WA, OR, CA, HI and AK)	407-975-1800

15 CERTIFICATED AIRPORT (14 CFR PART 139)

Airports serving Department of Transportation certified carriers and certified under 14 CFR part 139 are indicated by the Class and the ARFF Index; e.g. Class I, ARFF Index A, which relates to the availability of crash, fire, rescue equipment. Class I airports can have an ARFF Index A through E, depending on the aircraft length and scheduled departures. Class II, III, and IV will always carry an Index A.

AIRPORT CLASSIFICATIONS

Type of Air Carrier Operation	Class I	Class II	Class III	Class IV
Scheduled Air Carrier Aircraft with 31 or more passenger seats	X			
Unscheduled Air Carrier Aircraft with 31 or more passengers seats	X	X		X
Scheduled Air Carrier Aircraft with 10 to 30 passenger seats	X	X	X	

INDICES AND AIRCRAFT RESCUE AND FIRE FIGHTING EQUIPMENT REQUIREMENTS

Airport Index	Required No. Vehicles	Aircraft Length	Scheduled Departures	Agent + Water for Foam
A	1	<90'	≥1	500#DC or HALON 1211 or 450#DC + 100 gal H ₂ O
B	1 or 2	≥90', <126'	≥5	Index A + 1500 gal H ₂ O
		≥126', <159'	<5	
C	2 or 3	≥126', <159'	≥5	Index A + 3000 gal H ₂ O
		≥159', <200'	<5	
D	3	≥159', <200'	_____	Index A + 4000 gal H ₂ O
		>200'	<5	
E	3	≥200'	≥5	Index A + 6000 gal H ₂ O

> Greater Than; < Less Than; ≥ Equal or Greater Than; ≤ Equal or Less Than; H₂O-Water; DC-Dry Chemical.

NOTE: The listing of ARFF index does not necessarily assure coverage for non-air carrier operations or at other than prescribed times for air carrier. ARFF Index Ltd.—indicates ARFF coverage may or may not be available, for information contact airport manager prior to flight.

16 NOTAM SERVICE

All public use landing areas are provided NOTAM service. A NOTAM FILE identifier is shown for individual landing areas, e.g., "NOTAM FILE BNA". See the AIM, Basic Flight Information and ATC Procedures for a detailed description of NOTAMs. Current NOTAMs are available from flight service stations at 1-800-WX-BRIEF (992-7433) or online through the FAA PilotWeb at <https://pilotweb.nas.faa.gov>. Military NOTAMs are available using the Defense Internet NOTAM Service (DINS) at <https://www.notams.faa.gov>. Pilots flying to or from airports not available through the FAA PilotWeb or DINS can obtain assistance from Flight Service.

17 FAA INSPECTION

All airports not inspected by FAA will be identified by the note: Not insp. This indicates that the airport information has been provided by the owner or operator of the field.

18 MINIMUM OPERATIONAL NETWORK (MON) AIRPORT DESIGNATION

MON Airports have at least one VOR or ILS instrument approach procedure that can be flown without the need for GPS, WAAS, DME, NDB or RADAR. The primary purpose of the MON designation is for recovery in case of GPS outage.

19 RUNWAY DATA

Runway information is shown on two lines. That information common to the entire runway is shown on the first line while information concerning the runway ends is shown on the second or following line. Runway direction, surface, length, width, weight bearing capacity, lighting, and slope, when available are shown for each runway. Multiple runways are shown with the longest runway first. Direction, length, width, and lighting are shown for sea-lanes. The full dimensions of helipads are shown, e.g., 50X150. Runway data that requires clarification will be placed in the remarks section.

RUNWAY DESIGNATION

Runways are normally numbered in relation to their magnetic orientation rounded off to the nearest 10 degrees. Parallel runways can be designated L (left)/R (right)/C (center). Runways may be designated as Ultralight or assault strips. Assault strips are shown by magnetic bearing.

RUNWAY DIMENSIONS

Runway length and width are shown in feet. Length shown is runway end to end including displaced thresholds, but excluding those areas designed as overruns.

RUNWAY SURFACE AND SURFACE TREATMENT

Runway lengths prefixed by the letter "H" indicate that the runways are hard surfaced (concrete, asphalt, or part asphalt-concrete). If the runway length is not prefixed, the surface is sod, clay, etc. The runway surface composition is indicated in parentheses after runway length as follows:

(AFSC)—Aggregate friction seal coat	(GRVL)—Gravel, or cinders	(SAND)—Sand
(AM2)—Temporary metal planks coated with nonskid material	(MATS)—Pierced steel planking, landing mats, membranes	(TURF)—Turf
(ASPH)—Asphalt	(PEM)—Part concrete, part asphalt	(TRTD)—Treated
(CONC)—Concrete	(PFC)—Porous friction courses	(WC)—Wire combed
(DIRT)—Dirt	(PSP)—Pierced steel plank	
(GRVD)—Grooved	(RFSC)—Rubberized friction seal coat	

RUNWAY WEIGHT BEARING CAPACITY

Runway strength data shown in this publication is derived from available information and is a realistic estimate of capability at an average level of activity. It is not intended as a maximum allowable weight or as an operating limitation. Many airport pavements are capable of supporting limited operations with gross weights in excess of the published figures. Permissible operating weights, insofar as runway strengths are concerned, are a matter of agreement between the owner and user. When desiring to operate into any airport at weights in excess of those published in the publication, users should contact the airport management for permission. Runway strength figures are shown in thousand of pounds, with the last three figures being omitted. Add 000 to figure following S, D, 2S, 2T, AUW, SWL, etc., for gross weight capacity. A blank space following the letter designator is used to indicate the runway can sustain aircraft with this type landing gear, although definite runway weight bearing capacity figures are not available, e.g., S, D. Applicable codes for typical gear configurations with S=Single, D=Dual, T=Triple and Q=Quadruple:

CURRENT	NEW	NEW DESCRIPTION
S	S	Single wheel type landing gear (DC3), (C47), (F15), etc.
D	D	Dual wheel type landing gear (BE1900), (B737), (A319), etc.
T	D	Dual wheel type landing gear (P3, C9).
ST	2S	Two single wheels in tandem type landing gear (C130).
TRT	2T	Two triple wheels in tandem type landing gear (C17), etc.
DT	2D	Two dual wheels in tandem type landing gear (B707), etc.
TT	2D	Two dual wheels in tandem type landing gear (B757, KC135).
SBT	2D/D1	Two dual wheels in tandem/dual wheel body gear type landing gear (KC10).
None	2D/2D1	Two dual wheels in tandem/two dual wheels in tandem body gear type landing gear (A340-600).
DDT	2D/2D2	Two dual wheels in tandem/two dual wheels in double tandem body gear type landing gear (B747, E4).
TTT	3D	Three dual wheels in tandem type landing gear (B777), etc.
TT	D2	Dual wheel gear two struts per side main gear type landing gear (B52).
TDT	C5	Complex dual wheel and quadruple wheel combination landing gear (C5).

AUW—All up weight. Maximum weight bearing capacity for any aircraft irrespective of landing gear configuration.

SWL—Single Wheel Loading. (This includes information submitted in terms of Equivalent Single Wheel Loading (ESWL) and Single Isolated Wheel Loading).

PSI—Pounds per square inch. PSI is the actual figure expressing maximum pounds per square inch runway will support, e.g., (SWL 000/PSI 535).

Omission of weight bearing capacity indicates information unknown.

The ACN/PCN System is the ICAO standard method of reporting pavement strength for pavements with bearing strengths greater than 12,500 pounds. The Pavement Classification Number (PCN) is established by an engineering assessment of the runway. The PCN is for use in conjunction with an Aircraft Classification Number (ACN). Consult the Aircraft Flight Manual, Flight Information Handbook, or other appropriate source for ACN tables or charts. Currently, ACN data may not be available for all aircraft. If an ACN table or chart is available, the ACN can be calculated by taking into account the aircraft weight, the pavement type, and the subgrade category. For runways that have been evaluated under the ACN/PCN system, the PCN will be shown as a five-part code (e.g. PCN 80 R/B/W/T). Details of the coded format are as follows:

NOTE: ICAO adopted the ACR/PCR System as the new standard method for reporting pavement strength in July 2020. The ACR/PCR System methodology remains unchanged from the ACN/PCN system described above. The Pavement Classification Rating (PCR) remains a five-part code (e.g. PCR 460 R/B/W/T) with the number being one order of magnitude higher than PCNs. The details of the code below are not changed with PCR. ICAO has established a four year transition period during which time a PCN or a PCR may be reported. Currently Aircraft Classification Rating (ACR) data may not be available for all aircraft.

NOTE: Prior permission from the airport controlling authority is required when the ACN/ACR of the aircraft exceeds the published PCN/PCR or aircraft tire pressure exceeds the published limits.

- (1) The PCN/PCR NUMBER—The reported PCN/PCR indicates that an aircraft with an ACN/ACR equal or less than the reported PCN/PCR can operate on the pavement subject to any limitation on the tire pressure.
- (2) The type of pavement:
 - R — Rigid
 - F — Flexible
- (3) The pavement subgrade category:
 - A — High
 - B — Medium
 - C — Low
 - D — Ultra-low
- (4) The maximum tire pressure authorized for the pavement:
 - W — Unlimited, no pressure limit
 - X — High, limited to 254 psi (1.75 MPa)
 - Y — Medium, limited to 181 psi (1.25MPa)
 - Z — Low, limited to 73 psi (0.50 MPa)
- (5) Pavement evaluation method:
 - T — Technical evaluation
 - U — By experience of aircraft using the pavement

RUNWAY LIGHTING

Lights are in operation sunset to sunrise. Lighting available by prior arrangement only or operating part of the night and/or pilot controlled lighting with specific operating hours are indicated under airport or military remarks. At USN/USMC facilities lights are available only during airport hours of operation. Since obstructions are usually lighted, obstruction lighting is not included in this code. Unlighted obstructions on or surrounding an airport will be noted in airport or military remarks. Runway lights nonstandard (NSTD) are systems for which the light fixtures are not FAA approved L-800 series: color, intensity, or spacing does not meet FAA standards. Nonstandard runway lights, VASI, or any other system not listed below will be shown in airport remarks or military service. Temporary, emergency or limited runway edge lighting such as flares, smudge pots, lanterns or portable runway lights will also be shown in airport remarks or military service. Types of lighting are shown with the runway or runway end they serve.

NSTD—Light system fails to meet FAA standards.	SALS—Short Approach Lighting System.
LIRL—Low Intensity Runway Lights.	SALSF—Short Approach Lighting System with Sequenced Flashing Lights.
MIRL—Medium Intensity Runway Lights.	SSALS—Simplified Short Approach Lighting System.
HIRL—High Intensity Runway Lights.	SSALF—Simplified Short Approach Lighting System with Sequenced Flashing Lights.
RAIL—Runway Alignment Indicator Lights.	SSALR—Simplified Short Approach Lighting System with Runway Alignment Indicator Lights.
REIL—Runway End Identifier Lights.	ALSAF—High Intensity Approach Lighting System with Sequenced Flashing Lights.
CL—Centerline Lights.	ALSF1—High Intensity Approach Lighting System with Sequenced Flashing Lights, Category I, Configuration.
TDZL—Touchdown Zone Lights.	ALSF2—High Intensity Approach Lighting System with Sequenced Flashing Lights, Category II, Configuration.
ODALS—Omni Directional Approach Lighting System.	SF—Sequenced Flashing Lights.
AF OVRN—Air Force Overrun 1000' Standard Approach Lighting System.	OLS—Optical Landing System.
MALS—Medium Intensity Approach Lighting System.	WAVE—OFF.
MALSF—Medium Intensity Approach Lighting System with Sequenced Flashing Lights.	
MALSR—Medium Intensity Approach Lighting System with Runway Alignment Indicator Lights.	
RLLS—Runway Lead-in Light System	

NOTE: Civil ALSF2 may be operated as SSALR during favorable weather conditions. When runway edge lights are positioned more than 10 feet from the edge of the usable runway surface a remark will be added in the "Remarks" portion of the airport entry. This is applicable to Air Force, Air National Guard and Air Force Reserve Bases, and those joint use airfields on which they are tenants.

VISUAL GLIDESLOPE INDICATORS

APAP—A system of panels, which may or may not be lighted, used for alignment of approach path.			
PNIL	APAP on left side of runway	PNIR	APAP on right side of runway
PAPI—Precision Approach Path Indicator			
P2L	2-identical light units placed on left side of runway	P4L	4-identical light units placed on left side of runway
P2R	2-identical light units placed on right side of runway	P4R	4-identical light units placed on right side of runway
PVASI—Pulsating/steady burning visual approach slope indicator, normally a single light unit projecting two colors.			
PSIL	PVASI on left side of runway	PSIR	PVASI on right side of runway
SAVASI—Simplified Abbreviated Visual Approach Slope Indicator			
S2L	2-box SAVASI on left side of runway	S2R	2-box SAVASI on right side of runway

SAVASI—Simplified Abbreviated Visual Approach Slope Indicator

S2L	2–box SAVASI on left side of runway	S2R	2–box SAVASI on right side of runway
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TRCV—Tri–color visual approach slope indicator, normally a single light unit projecting three colors.

TRIL	TRCV on left side of runway	TRIR	TRCV on right side of runway
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VASI—Visual Approach Slope Indicator

V2L	2–box VASI on left side of runway	V6L	6–box VASI on left side of runway
V2R	2–box VASI on right side of runway	V6R	6–box VASI on right side of runway
V4L	4–box VASI on left side of runway	V12	12–box VASI on both sides of runway
V4R	4–box VASI on right side of runway	V16	16–box VASI on both sides of runway

NOTE: Approach slope angle and threshold crossing height will be shown when available; i.e., –GA 3.5° TCH 37'.

PILOT CONTROL OF AIRPORT LIGHTING

<u>Key Mike</u>	<u>Function</u>
7 times within 5 seconds	Highest intensity available
5 times within 5 seconds	Medium or lower intensity (Lower REIL or REIL–Off)
3 times within 5 seconds	Lowest intensity available (Lower REIL or REIL–Off)

Available systems will be indicated in the Service section, e.g., LGT ACTIVATE HIRL Rwy 07–25, MALSR Rwy 07, and VASI Rwy 07—122.8.

Where the airport is not served by an instrument approach procedure and/or has an independent type system of different specification installed by the airport sponsor, descriptions of the type lights, method of control, and operating frequency will be explained in clear text. See AIM, “Aeronautical Lighting and Other Airport Visual Aids,” for a detailed description of pilot control of airport lighting.

RUNWAY SLOPE

When available, runway slope data will be provided. Runway slope will be shown only when it is 0.3 percent or greater. On runways less than 8000 feet, the direction of the slope up will be indicated, e.g., 0.3% up NW. On runways 8000 feet or greater, the slope will be shown (up or down) on the runway end line, e.g., RWY 13: 0.3% up., RWY 31: Pole. Rgt tfc. 0.4% down.

RUNWAY END DATA

Information pertaining to the runway approach end such as approach lights, touchdown zone lights, runway end identification lights, visual glideslope indicators, displaced thresholds, controlling obstruction, and right hand traffic pattern, will be shown on the specific runway end. “Rgt tfc”—Right traffic indicates right turns should be made on landing and takeoff for specified runway end. Runway Visual Range shall be shown as “RVR” appended with “T” for touchdown, “M” for midpoint, and “R” for rollout; e.g., RVR–TMR.

20 LAND AND HOLD—SHORT OPERATIONS (LAHSO)

LAHSO is an acronym for “Land and Hold–Short Operations” These operations include landing and holding short of an intersection runway, an intersecting taxiway, or other predetermined points on the runway other than a runway or taxiway. Measured distance represents the available landing distance on the landing runway, in feet. Specific questions regarding these distances should be referred to the air traffic manager of the facility concerned. The Aeronautical Information Manual contains specific details on hold–short operations and markings.

21 RUNWAY DECLARED DISTANCE INFORMATION

TORA—Take–off Run Available. The length of runway declared available and suitable for the ground run of an aeroplane take–off.
 TODA—Take–off Distance Available. The length of the take–off run available plus the length of the clearway, if provided.
 ASDA—Accelerate–Stop Distance Available. The length of the take–off run available plus the length of the stopway, if provided.
 LDA—Landing Distance Available. The length of runway which is declared available and suitable for the ground run of an aeroplane landing.

22 ARRESTING GEAR/SYSTEMS

Arresting gear is shown as it is located on the runway. The a–gear distance from the end of the appropriate runway (or into the overrun) is indicated in parentheses. A–Gear which has a bi–direction capability and can be utilized for emergency approach end engagement is indicated by a (B). Up to 15 minutes advance notice may be required for rigging A–Gear for approach and engagement. Airport listing may show availability of other than US Systems. This information is provided for emergency requirements only. Refer to current aircraft operating manuals for specific engagement weight and speed criteria based on aircraft structural restrictions and arresting system limitations.

Following is a list of current systems referenced in this publication identified by both Air Force and Navy terminology:

BI–DIRECTIONAL CABLE (B)

<u>TYPE</u>	<u>DESCRIPTION</u>
BAK–9	Rotary friction brake.
BAK–12A	Standard BAK–12 with 950 foot run out, 1–inch cable and 40,000 pound weight setting. Rotary friction brake.
BAK–12B	Extended BAK–12 with 1200 foot run, 1½ inch Cable and 50,000 pounds weight setting. Rotary friction brake.
E28	Rotary Hydraulic (Water Brake).
M21	Rotary Hydraulic (Water Brake) Mobile.

The following device is used in conjunction with some aircraft arresting systems:

- BAK-14 A device that raises a hook cable out of a slot in the runway surface and is remotely positioned for engagement by the tower on request. (In addition to personnel reaction time, the system requires up to five seconds to fully raise the cable.)
- H A device that raises a hook cable out of a slot in the runway surface and is remotely positioned for engagement by the tower on request. (In addition to personnel reaction time, the system requires up to one and one-half seconds to fully raise the cable.)

UNI-DIRECTIONAL CABLE

<u>TYPE</u>	<u>DESCRIPTION</u>
MB60	Textile brake—an emergency one-time use, modular braking system employing the tearing of specially woven textile straps to absorb the kinetic energy.
E5/E5-1/E5-3	Chain Type. At USN/USMC stations E-5 A-GEAR systems are rated, e.g., E-5 RATING-13R-1100 HW (DRY), 31L/R-1200 STD (WET). This rating is a function of the A-GEAR chain weight and length and is used to determine the maximum aircraft engaging speed. A dry rating applies to a stabilized surface (dry or wet) while a wet rating takes into account the amount (if any) of wet overrun that is not capable of withstanding the aircraft weight. These ratings are published under Service/Military/A-Gear in the entry.

FOREIGN CABLE

<u>TYPE</u>	<u>DESCRIPTION</u>	<u>US EQUIVALENT</u>
44B-3H	Rotary Hydraulic (Water Brake)	
CHAG	Chain	E-5

UNI-DIRECTIONAL BARRIER

<u>TYPE</u>	<u>DESCRIPTION</u>
MA-1A	Web barrier between stanchions attached to a chain energy absorber.
BAK-15	Web barrier between stanchions attached to an energy absorber (water squeezer, rotary friction, chain). Designed for wing engagement.

NOTE: Landing short of the runway threshold on a runway with a BAK-15 in the overrun is a significant hazard. The barrier in the down position still protrudes several inches above the overrun. Aircraft contact with the barrier short of the runway threshold can cause damage to the barrier and substantial damage to the aircraft.

OTHER

<u>TYPE</u>	<u>DESCRIPTION</u>
EMAS	Engineered Material Arresting System, located beyond the departure end of the runway, consisting of high energy absorbing materials which will crush under the weight of an aircraft.

23 SERVICE

SERVICING—CIVIL

- | | |
|--|--|
| S1: Minor airframe repairs. | S5: Major airframe repairs. |
| S2: Minor airframe and minor powerplant repairs. | S6: Minor airframe and major powerplant repairs. |
| S3: Major airframe and minor powerplant repairs. | S7: Major powerplant repairs. |
| S4: Major airframe and major powerplant repairs. | S8: Minor powerplant repairs. |

FUEL

<u>CODE</u>	<u>FUEL</u>	<u>CODE</u>	<u>FUEL</u>
100	Grade 100 gasoline (Green)	J5 (JP5)	(JP-5 military specification) Kerosene with FS-II, FP** minus 46°C.
100LL	100LL gasoline (low lead) (Blue)	J8 (JP8)	(JP-8 military specification) Jet A-1, Kerosene with FS-II*, CI/LI#, SDA##, FP** minus 47°C.
A	Jet A, Kerosene, without FS-II*, FP** minus 40°C.	J8+100	(JP-8 military specification) Jet A-1, Kerosene with FS-II*, CI/LI#, SDA##, FP** minus 47°C, with +100 fuel additive that improves thermal stability characteristics of kerosene jet fuels.
A+	Jet A, Kerosene, with FS-II*, FP** minus 40°C.	J	(Jet Fuel Type Unknown)
A++	Jet A, Kerosene, with FS-II*, CI/LI#, SDA##, FP** minus 40°C.	MOGAS	Automobile gasoline which is to be used as aircraft fuel.
A++100	Jet A, Kerosene, with FS-II*, CI/LI#, SDA##, FP** minus 40°C, with +100 fuel additive that improves thermal stability characteristics of kerosene jet fuels.	UL91	Unleaded Grade 91 gasoline
A1	Jet A-1, Kerosene, without FS-II*, FP** minus 47°C.	UL94	Unleaded Grade 94 gasoline
A1+	Jet A-1, Kerosene with FS-II*, FP** minus 47°C.	UL100	Unleaded Grade 100 gasoline

*(Fuel System Icing Inhibitor) ** (Freeze Point) # (Corrosion Inhibitors/Lubricity Improvers) ## (Static Dissipator Additive)

NOTE: Certain automobile gasoline may be used in specific aircraft engines if a FAA supplemental type certificate has been obtained. Automobile gasoline, which is to be used in aircraft engines, will be identified as "MOGAS", however, the grade/type and other octane rating will not be published.

Data shown on fuel availability represents the most recent information the publisher has been able to acquire. Because of a variety of factors, the fuel listed may not always be obtainable by transient civil pilots. Confirmation of availability of fuel should be made directly with fuel suppliers at locations where refueling is planned.

OXYGEN—CIVIL

- | | |
|--------------------|--|
| OX 1 High Pressure | OX 3 High Pressure—Replacement Bottles |
| OX 2 Low Pressure | OX 4 Low Pressure—Replacement Bottles |

SERVICE—MILITARY

Specific military services available at the airport are listed under this general heading. Remarks applicable to any military service are shown in the individual service listing.

JET AIRCRAFT STARTING UNITS (JASU)—MILITARY

The numeral preceding the type of unit indicates the number of units available. The absence of the numeral indicates ten or more units available. If the number of units is unknown, the number one will be shown. Absence of JASU designation indicates non-availability. The following is a list of current JASU systems referenced in this publication:

USAF JASU (For variations in technical data, refer to T.O. 35-1-7.)

ELECTRICAL STARTING UNITS:

- | | |
|----------|---|
| AM32A-86 | AC: 115/200v, 3 phase, 90 kva, 0.8 pf, 4 wire
DC: 28v, 1500 amp, 72 kw (with TR pack) |
| MC-1A | AC: 115/208v, 400 cycle, 3 phase, 37.5 kva, 0.8 pf, 108 amp, 4 wire
DC: 28v, 500 amp, 14 kw |
| MD-3 | AC: 115/208v, 400 cycle, 3 phase, 60 kva, 0.75 pf, 4 wire
DC: 28v, 1500 amp, 45 kw, split bus |
| MD-3A | AC: 115/208v, 400 cycle, 3 phase, 60 kva, 0.75 pf, 4 wire
DC: 28v, 1500 amp, 45 kw, split bus |
| MD-3M | AC: 115/208v, 400 cycle, 3 phase, 60 kva, 0.75 pf, 4 wire
DC: 28v, 500 amp, 15 kw |
| MD-4 | AC: 120/208v, 400 cycle, 3 phase, 62.5 kva, 0.8 pf, 175 amp, "WYE" neutral ground, 4 wire, 120v, 400 cycle, 3 phase, 62.5 kva, 0.8 pf, 303 amp, "DELTA" 3 wire, 120v, 400 cycle, 1 phase, 62.5 kva, 0.8 pf, 520 amp, 2 wire |

AIR STARTING UNITS

- | | |
|----------|---|
| AM32-95 | 150 +/- 5 lb/min (2055 +/- 68 cfm) at 51 +/- 2 psia |
| AM32A-95 | 150 +/- 5 lb/min @ 49 +/- 2 psia (35 +/- 2 psig) |
| LASS | 150 +/- 5 lb/min @ 49 +/- 2 psia |
| MA-1A | 82 lb/min (1123 cfm) at 130° air inlet temp, 45 psia (min) air outlet press |
| MC-1 | 15 cfm, 3500 psia |
| MC-1A | 15 cfm, 3500 psia |
| MC-2A | 15 cfm, 200 psia |
| MC-11 | 8,000 cu in cap, 4000 psig, 15 cfm |

COMBINED AIR AND ELECTRICAL STARTING UNITS:

- | | |
|------------|---|
| AGPU | AC: 115/200v, 400 cycle, 3 phase, 30 kw gen
DC: 28v, 700 amp
AIR: 60 lb/min @ 40 psig @ sea level |
| AM32A-60* | AIR: 120 +/- 4 lb/min (1644 +/- 55 cfm) at 49 +/- 2 psia
AC: 120/208v, 400 cycle, 3 phase, 75 kva, 0.75 pf, 4 wire, 120v, 1 phase, 25 kva
DC: 28v, 500 amp, 15 kw |
| AM32A-60A | AIR: 150 +/- 5 lb/min (2055 +/- 68 cfm) at 51 +/- 2 psia
AC: 120/208v, 400 cycle, 3 phase, 75 kva, 0.75 pf, 4 wire
DC: 28v, 200 amp, 5.6 kw |
| AM32A-60B* | AIR: 130 lb/min, 50 psia
AC: 120/208v, 400 cycle, 3 phase, 75 kva, 0.75 pf, 4 wire
DC: 28v, 200 amp, 5.6 kw |

*NOTE: During combined air and electrical loads, the pneumatic circuitry takes preference and will limit the amount of electrical power available.

USN JASU**ELECTRICAL STARTING UNITS:**

NC-8A/A1 DC: 500 amp constant, 750 amp intermittent, 28v;
AC: 60 kva @ .8 pf, 115/200v, 3 phase, 400 Hz.
NC-10A/A1/B/C DC: 750 amp constant, 1000 amp intermittent, 28v;
AC: 90 kva, 115/200v, 3 phase, 400 Hz.

AIR STARTING UNITS:

GTC-85/GTE-85 120 lbs/min @ 45 psi.
MSU-200NAV/A/U47A-5 204 lbs/min @ 56 psia.
WELLS AIR START 180 lbs/min @ 75 psi or 120 lbs/min @ 45 psi. Simultaneous multiple start capability.
SYSTEM

COMBINED AIR AND ELECTRICAL STARTING UNITS:

NCP-105/RCPT 180 lbs/min @ 75 psi or 120 lbs/min @ 45 psi. 700 amp, 28v DC. 120/208v, 400 Hz AC, 30 kva.

ARMY JASU

59B2-1B 28v, 7.5 kw, 280 amp.

OTHER JASU**ELECTRICAL STARTING UNITS (DND):**

CE12 AC 115/200v, 140 kva, 400 Hz, 3 phase
CE13 AC 115/200v, 60 kva, 400 Hz, 3 phase
CE14 AC/DC 115/200v, 140 kva, 400 Hz, 3 phase, 28vDC, 1500 amp
CE15 DC 22-35v, 500 amp continuous 1100 amp intermittent
CE16 DC 22-35v, 500 amp continuous 1100 amp intermittent soft start

AIR STARTING UNITS (DND):

CA2 ASA 45.5 psig, 116.4 lb/min

COMBINED AIR AND ELECTRICAL STARTING UNITS (DND)

CEA1 AC 120/208v, 60 kva, 400 Hz, 3 phase DC 28v, 75 amp
AIR 112.5 lb/min, 47 psig

ELECTRICAL STARTING UNITS (OTHER)

C-26 28v 45kw 115-200v 15kw 380-800 Hz 1 phase 2 wire
C-26-B, C-26-C 28v 45kw: Split Bus: 115-200v 15kw 380-800 Hz 1 phase 2 wire
E3 DC 28v/10kw

AIR STARTING UNITS (OTHER):

A4 40 psi/2 lb/sec (LPAS Mk12, Mk12L, Mk12A, Mk1, Mk2B)
MA-1 150 Air HP, 115 lb/min 50 psia
MA-2 250 Air HP, 150 lb/min 75 psia

CARTRIDGE:

MXU-4A USAF

FUEL—MILITARY

Fuel available through US Military Base supply, DESC Into-Plane Contracts and/or reciprocal agreement is listed first and is followed by (Mil). At commercial airports where Into-Plane contracts are in place, the name of the refueling agent is shown. Military fuel should be used first if it is available. When military fuel cannot be obtained but Into-Plane contract fuel is available, Government aircraft must refuel with the contract fuel and applicable refueling agent to avoid any breach in contract terms and conditions. Fuel not available through the above is shown preceded by NC (no contract). When fuel is obtained from NC sources, local purchase procedures must be followed. The US Military Aircraft Identaplates DD Form 1896 (Jet Fuel), DD Form 1897 (Avgas) and AF Form 1245 (Avgas) are used at military installations only. The US Government Aviation Into-Plane Reimbursement (AIR) Card (currently issued by AVCARD) is the instrument to be used to obtain fuel under a DESC Into-Plane Contract and for NC purchases if the refueling agent at the commercial airport accepts the AVCARD. A current list of contract fuel locations is available online at https://cis.energy.dla.mil/ip_cis/. See legend item 14 for fuel code and description.

SUPPORTING FLUIDS AND SYSTEMS—MILITARY**CODE**

ADI Anti-Detonation Injection Fluid—Reciprocating Engine Aircraft.
W Water Thrust Augmentation—Jet Aircraft.
WAI Water-Alcohol Injection Type, Thrust Augmentation—Jet Aircraft.
SP Single Point Refueling.
PRESAIR Air Compressors rated 3,000 PSI or more.
De-Ice Anti-icing/De-icing/Defrosting Fluid (MIL-A-8243).

OXYGEN:

- LPOX Low pressure oxygen servicing.
- HPOX High pressure oxygen servicing.
- LHOX Low and high pressure oxygen servicing.
- LOX Liquid oxygen servicing.
- OXRB Oxygen replacement bottles. (Maintained primarily at Naval stations for use in acft where oxygen can be replenished only by replacement of cylinders.)

OX Indicates oxygen servicing when type of servicing is unknown.

NOTE: Combinations of above items is used to indicate complete oxygen servicing available;

- LHOXRB Low and high pressure oxygen servicing and replacement bottles;
- LPOXRB Low pressure oxygen replacement bottles only, etc.

NOTE: Aircraft will be serviced with oxygen procured under military specifications only. Aircraft will not be serviced with medical oxygen.

NITROGEN:

- LPNIT — Low pressure nitrogen servicing.
- HPNIT — High pressure nitrogen servicing.
- LHNIT — Low and high pressure nitrogen servicing.

OIL—MILITARY

US AVIATION OILS (MIL SPECS):

CODE	GRADE, TYPE
O-113	1065, Reciprocating Engine Oil (MIL-L-6082)
O-117	1100, Reciprocating Engine Oil (MIL-L-6082)
O-117+	1100, O-117 plus cyclohexanone (MIL-L-6082)
O-123	1065, (Dispersant), Reciprocating Engine Oil (MIL-L-22851 Type III)
O-128	1100, (Dispersant), Reciprocating Engine Oil (MIL-L-22851 Type II)
O-132	1005, Jet Engine Oil (MIL-L-6081)
O-133	1010, Jet Engine Oil (MIL-L-6081)
O-147	None, MIL-L-6085A Lubricating Oil, Instrument, Synthetic
O-148	None, MIL-L-7808 (Synthetic Base) Turbine Engine Oil
O-149	None, Aircraft Turbine Engine Synthetic, 7.5c St
O-155	None, MIL-L-6086C, Aircraft, Medium Grade
O-156	None, MIL-L-23699 (Synthetic Base), Turboprop and Turbohaft Engines
JOAP/SOAP	Joint Oil Analysis Program. JOAP support is furnished during normal duty hours, other times on request. (JOAP and SOAP programs provide essentially the same service, JOAP is now the standard joint service supported program.)

TRANSIENT ALERT (TRAN ALERT)—MILITARY

Tran Alert service is considered to include all services required for normal aircraft turn-around, e.g., servicing (fuel, oil, oxygen, etc.), debriefing to determine requirements for maintenance, minor maintenance, inspection and parking assistance of transient aircraft. Drag chute repack, specialized maintenance, or extensive repairs will be provided within the capabilities and priorities of the base. Delays can be anticipated after normal duty hours/holidays/weekends regardless of the hours of transient maintenance operation. Pilots should not expect aircraft to be serviced for TURN-AROUNDS during time periods when servicing or maintenance manpower is not available. In the case of airports not operated exclusively by US military, the servicing indicated by the remarks will not always be available for US military aircraft. When transient alert services are not shown, facilities are unknown. NO PRIORITY BASIS—means that transient alert services will be provided only after all the requirements for mission/tactical assigned aircraft have been accomplished.

24 NOISE

Remarks that indicate noise information and/or abatement measures that exist in the vicinity of the airport.

25 AIRPORT REMARKS

The Attendance Schedule is the months, days and hours the airport is actually attended. Airport attendance does not mean watchman duties or telephone accessibility, but rather an attendant or operator on duty to provide at least minimum services (e.g., repairs, fuel, transportation).

Airport Remarks have been grouped in order of applicability. Airport remarks are limited to those items of information that are determined essential for operational use, i.e., conditions of a permanent or indefinite nature and conditions that will remain in effect for more than 30 days concerning aeronautical facilities, services, maintenance available, procedures or hazards, knowledge of which is essential for safe and efficient operation of aircraft. Information concerning permanent closing of a runway or taxiway will not be shown. A note "See Special Notices" shall be applied within this remarks section when a special notice applicable to the entry is contained in the Special Notices section of this publication.

Parachute Jumping indicates parachute jumping areas associated with the airport. See Parachute Jumping Area section of this publication for additional Information.

Landing Fee indicates landing charges for private or non-revenue producing aircraft. In addition, fees may be charged for planes that remain over a couple of hours and buy no services, or at major airline terminals for all aircraft.

Note: Unless otherwise stated, remarks including runway ends refer to the runway's approach end.

26 MILITARY REMARKS

Joint Civil/Military airports contain both Airport Remarks and Military Remarks. Military Remarks published for these airports are applicable only to the military. Military and joint Military/Civil airports contain only Military Remarks. Remarks contained in this section may not be applicable to civil users. When both sets of remarks exist, the first set is applicable to the primary operator of the airport. Remarks applicable to a tenant on the airport are shown preceded by the tenant organization, i.e., (A) (AF) (N) (ANG), etc. Military airports operate 24 hours unless otherwise specified. Airport operating hours are listed first (airport operating hours will only be listed if they are different than the airport attended hours or if the attended hours are unavailable) followed by pertinent remarks in order of applicability. Remarks will include information on restrictions, hazards, traffic pattern, noise abatement, customs/agriculture/immigration, and miscellaneous information applicable to the Military.

Type of restrictions:

CLOSED: When designated closed, the airport is restricted from use by all aircraft unless stated otherwise. Any closure applying to specific type of aircraft or operation will be so stated. USN/USMC/USAF airports are considered closed during non-operating hours. Closed airports may be utilized during an emergency provided there is a safe landing area.

OFFICIAL BUSINESS ONLY: The airfield is closed to all transient military aircraft for obtaining routine services such as fueling, passenger drop off or pickup, practice approaches, parking, etc. The airfield may be used by aircrews and aircraft if official government business (including civilian) must be conducted on or near the airfield and prior permission is received from the airfield manager.

AF OFFICIAL BUSINESS ONLY OR NAVY OFFICIAL BUSINESS ONLY: Indicates that the restriction applies only to service indicated.

PRIOR PERMISSION REQUIRED (PPR): Airport is closed to transient aircraft unless approval for operation is obtained from the appropriate commander through Chief, Airfield Management or Airfield Operations Officer. Official Business or PPR does not preclude the use of US Military airports as an alternate for IFR flights. If a non-US military airport is used as a weather alternate and requires a PPR, the PPR must be requested and confirmed before the flight departs. The purpose of PPR is to control volume and flow of traffic rather than to prohibit it. Prior permission is required for all aircraft requiring transient alert service outside the published transient alert duty hours. All aircraft carrying hazardous materials must obtain prior permission as outlined in AFJI 11-204, AR 95-27, OPNAVINST 3710.7.

Note: OFFICIAL BUSINESS ONLY AND PPR restrictions are not applicable to Special Air Mission (SAM) or Special Air Resource (SPAR) aircraft providing person or persons on board are designated Code 6 or higher as explained in AFJMAN 11-213, AR 95-11, OPNAVINST 3722-8J. Official Business Only or PPR do not preclude the use of the airport as an alternate for IFR flights.

27 AIRPORT MANAGER

The phone number of the airport manager.

28 WEATHER DATA SOURCES

Weather data sources will be listed alphabetically followed by their assigned frequencies and/or telephone number and hours of operation.

ASOS—Automated Surface Observing System. Reports the same as an AWOS-3 plus precipitation identification and intensity, and freezing rain occurrence;

AWOS—Automated Weather Observing System

AWOS-A—reports altimeter setting (all other information is advisory only).

AWOS-AV—reports altimeter and visibility.

AWOS-1—reports altimeter setting, wind data and usually temperature, dew point and density altitude.

AWOS-2—reports the same as AWOS-1 plus visibility.

AWOS-3—reports the same as AWOS-1 plus visibility and cloud/ceiling data.

AWOS-3P reports the same as the AWOS-3 system, plus a precipitation identification sensor.

AWOS-3PT reports the same as the AWOS-3 system, plus precipitation identification sensor and a thunderstorm/lightning reporting capability.

AWOS-3T reports the same as AWOS-3 system and includes a thunderstorm/lightning reporting capability.

See AIM, Basic Flight Information and ATC Procedures for detailed description of Weather Data Sources.

AWOS-4—reports same as AWOS-3 system, plus precipitation occurrence, type and accumulation, freezing rain, thunderstorm and runway surface sensors.

LAWRS—Limited Aviation Weather Reporting Station where observers report cloud height, weather, obstructions to vision, temperature and dewpoint (in most cases), surface wind, altimeter and pertinent remarks.

LLWAS—indicates a Low Level Wind Shear Alert System consisting of a center field and several field perimeter anemometers.

SAWRS—identifies airports that have a Supplemental Aviation Weather Reporting Station available to pilots for current weather information.

SWSL—Supplemental Weather Service Location providing current local weather information via radio and telephone.

TDWR—indicates airports that have Terminal Doppler Weather Radar.

WSP—indicates airports that have Weather System Processor.

When the automated weather source is broadcast over an associated airport NAVAID frequency (see NAVAID line), it shall be indicated by a bold ASOS or AWOS followed by the frequency, identifier and phone number, if available.

29 COMMUNICATIONS

Airport terminal control facilities and radio communications associated with the airport shall be shown. When the call sign is not the same as the airport name the call sign will be shown. Frequencies shall normally be shown in ascending order with the primary frequency listed first. Frequencies will be listed, together with sectorization indicated by outbound radials, and hours of operation. Communications will be listed in sequence as follows:

Single Frequency Approach (SFA), Common Traffic Advisory Frequency (CTAF), Aeronautical Advisory Stations (UNICOM) or (AUNICOM), and Automatic Terminal Information Service (ATIS) along with their frequency is shown, where available, on the line following the heading "COMMUNICATIONS." When the CTAF and UNICOM frequencies are the same, the frequency will be shown as CTAF/UNICOM 122.8.

The FSS telephone nationwide is toll free 1-800-WX-BRIEF (1-800-992-7433). When the FSS is located on the field it will be indicated as "on arpt". Frequencies available at the FSS will follow in descending order. Remote Communications Outlet (RCO) providing service to the airport followed by the frequency and FSS RADIO name will be shown when available. FSS's provide information on airport conditions, radio aids and other facilities, and process flight plans. Airport Advisory Service (AAS) is provided on the CTAF by FSS's for select non-tower airports or airports where the tower is not in operation.

(See AIM, Para 4-1-9 Traffic Advisory Practices at Airports Without Operating Control Towers or AC 90-42C.)

Aviation weather briefing service is provided by FSS specialists. Flight and weather briefing services are also available by calling the telephone numbers listed.

Remote Communications Outlet (RCO)—An unmanned air/ground communications facility that is remotely controlled and provides UHF or VHF communications capability to extend the service range of an FSS.

Civil Communications Frequencies—Civil communications frequencies used in the FSS air/ground system are operated on 122.0, 122.2, 123.6; emergency 121.5; plus receive-only on 122.1.

- a. 122.2 is assigned as a common enroute frequency.
- b. 123.6 is assigned as the airport advisory frequency at select non-tower locations. At airports with a tower, FSS may provide airport advisories on the tower frequency when tower is closed.
- c. 122.1 is the primary receive-only frequency at VOR's.
- d. Some FSS's are assigned 50 kHz frequencies in the 122-126 MHz band (eg. 122.45). Pilots using the FSS A/G system should refer to this directory or appropriate charts to determine frequencies available at the FSS or remote facility through which they wish to communicate.

Emergency frequency 121.5 and 243.0 are available at all Flight Service Stations, most Towers, Approach Control and RADAR facilities. Frequencies published followed by the letter "T" or "R", indicate that the facility will only transmit or receive respectively on that frequency. All radio aids to navigation (NAVAID) frequencies are transmit only. In cases where communications frequencies are annotated with (R) or (E), (R) indicates Radar Capability and (E) indicates Emergency Frequency.

TERMINAL SERVICES

SFA—Single Frequency Approach.

CTAF—A program designed to get all vehicles and aircraft at airports without an operating control tower on a common frequency.

ATIS—A continuous broadcast of recorded non-control information in selected terminal areas.

D-ATIS—Digital ATIS provides ATIS information in text form outside the standard reception range of conventional ATIS via landline & data link communications and voice message within range of existing transmitters.

AUNICOM—Automated UNICOM is a computerized, command response system that provides automated weather, radio check capability and airport advisory information selected from an automated menu by microphone clicks.

UNICOM—A non-government air/ground radio communications facility which may provide airport information.

PTD—Pilot to Dispatcher.

APP CON—Approach Control. The symbol **Ⓡ** indicates radar approach control.

TOWER—Control tower.

GCA—Ground Control Approach System.

GND CON—Ground Control.

GCO—Ground Communication Outlet—An unstaffed, remotely controlled, ground/ground communications facility. Pilots at uncontrolled airports may contact ATC and FSS via VHF to a telephone connection to obtain an instrument clearance or close a VFR or IFR flight plan. They may also get an updated weather briefing prior to takeoff. Pilots will use four "key clicks" on the VHF radio to contact the appropriate ATC facility or six "key clicks" to contact the FSS. The GCO system is intended to be used only on the ground.

DEP CON—Departure Control. The symbol **Ⓡ** indicates radar departure control.

CLNC DEL—Clearance Delivery.

CPDLC—Controller Pilot Data Link Communication. FANS ATC data communication capability from the aircraft to the ATC Data Link system.

PDC—Pre-Departure Clearance. ACARS-based clearance delivery capability from tower to gate printer or aircraft.

PRE TAXI CLNC—Pre taxi clearance.

VFR ADVSY SVC—VFR Advisory Service. Service provided by Non-Radar Approach Control.

Advisory Service for VFR aircraft (upon a workload basis) ctc APP CON.

COMD POST—Command Post followed by the operator call sign in parenthesis.

PMSV—Pilot-to-Metro Service call sign, frequency and hours of operation, when full service is other than continuous. PMSV installations at which weather observation service is available shall be indicated, following the frequency and/or hours of operation as "Wx obsn svc 1900-0000Z±" or "other times" may be used when no specific time is given. PMSV facilities manned by forecasters are considered "Full Service". PMSV facilities manned by weather observers are listed as "Limited Service".

OPS—Operations followed by the operator call sign in parenthesis.

CON

RANGE

FLT FLW—Flight Following

MEDIVAC

NOTE: Communication frequencies followed by the letter "X" indicate frequency available on request.

30 AIRSPACE

Information concerning Class B, C, and part-time D and E surface area airspace shall be published with effective times, if available.

CLASS B—Radar Sequencing and Separation Service for all aircraft in CLASS B airspace.

CLASS C—Separation between IFR and VFR aircraft and sequencing of VFR arrivals to the primary airport.

TRSA—Radar Sequencing and Separation Service for participating VFR Aircraft within a Terminal Radar Service Area.

Class C, D, and E airspace described in this publication is that airspace usually consisting of a 5 NM radius core surface area that begins at the surface and extends upward to an altitude above the airport elevation (charted in MSL for Class C and Class D).

Class E surface airspace normally extends from the surface up to but not including the overlying controlled airspace.

When part-time Class C or Class D airspace defaults to Class E, the core surface area becomes Class E. This will be formatted as:

AIRSPACE: CLASS C svc "times" ctc **APP CON** other times CLASS E:

or

AIRSPACE: CLASS D svc "times" other times CLASS E.

When a part-time Class C, Class D or Class E surface area defaults to Class G, the core surface area becomes Class G up to, but not including, the overlying controlled airspace. Normally, the overlying controlled airspace is Class E airspace beginning at either 700' or 1200' AGL and may be determined by consulting the relevant VFR Sectional or Terminal Area Charts. This will be formatted as:

AIRSPACE: CLASS C svc "times" ctc **APP CON** other times CLASS G

or

AIRSPACE: CLASS D svc "times" other times CLASS G

or

AIRSPACE: CLASS E svc "times" other times CLASS G

NOTE: AIRSPACE SVC "TIMES" INCLUDE ALL ASSOCIATED ARRIVAL EXTENSIONS. Surface area arrival extensions for instrument approach procedures become part of the primary core surface area. These extensions may be either Class D or Class E airspace and are effective concurrent with the times of the primary core surface area. For example, when a part-time Class C, Class D or Class E surface area defaults to Class G, the associated arrival extensions will default to Class G at the same time. When a part-time Class C or Class D surface area defaults to Class E, the arrival extensions will remain in effect as Class E airspace.

NOTE: CLASS E AIRSPACE EXTENDING UPWARD FROM 700 FEET OR MORE ABOVE THE SURFACE, DESIGNATED IN CONJUNCTION WITH AN AIRPORT WITH AN APPROVED INSTRUMENT PROCEDURE.

Class E 700' AGL (shown as magenta vignette on sectional charts) and 1200' AGL (blue vignette) areas are designated when necessary to provide controlled airspace for transitioning to/from the terminal and enroute environments. Unless otherwise specified, these 700'/1200' AGL Class E airspace areas remain in effect continuously, regardless of airport operating hours or surface area status. These transition areas should not be confused with surface areas or arrival extensions.

(See Chapter 3, AIRSPACE, in the Aeronautical Information Manual for further details)

31 VOR TEST FACILITY (VOT)

The VOT transmits a signal which provided users a convenient means to determine the operational status and accuracy of an aircraft VOR receiver while on the ground. Ground based VOTs and the associated frequency shall be shown when available. VOTs are also shown with identifier, frequency and referenced remarks in the VOR Receiver Check section in the back of this publication.

32 RADIO AIDS TO NAVIGATION

The Airport/Facility Directory section of the Chart Supplement lists, by facility name, all Radio Aids to Navigation that appear on FAA, Aeronautical Information Services Visual or IFR Aeronautical Charts and those upon which the FAA has approved an Instrument Approach Procedure, with exception of selected TACANs. All VOR, VORTAC, TACAN and ILS equipment in the National Airspace System has an automatic monitoring and shutdown feature in the event of malfunction. Unmonitored, as used in this publication, for any navigational aid, means that monitoring personnel cannot observe the malfunction or shutdown signal. The NAVAID NOTAM file identifier will be shown as "NOTAM FILE IAD" and will be listed on the Radio Aids to Navigation line. When two or more NAVAIDS are listed and the NOTAM file identifier is different from that shown on the Radio Aids to Navigation line, it will be shown with the NAVAID listing. NOTAM file identifiers for ILSs and its components (e.g., NDB (LOM) are the same as the associated airports and are not repeated. Automated Surface Observing System (ASOS) and Automated Weather Observing System (AWOS) will be shown when this service is broadcast over selected NAVAIDs.

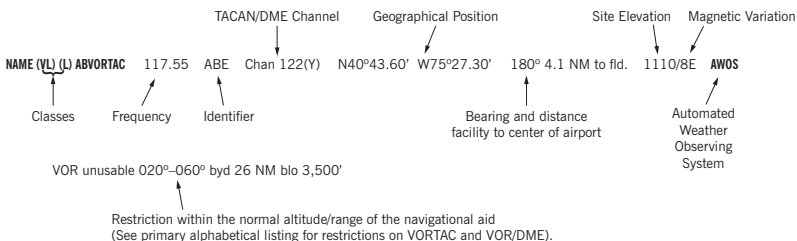
NAVAID information is tabulated as indicated in the following sample:

NAVAIDs with Single SSV (VOR, DME, TACAN, NDB, NDB/DME)



NAVAIDs with Two SSVs (VOR/DME, VORTAC)

SSV for each component shown in paired parentheses with the VOR SSV shown first followed by the DME or TACAN SSV.



Note: Those DME channel numbers with a (Y) suffix require TACAN to be placed in the "Y" mode to receive distance information.

ASR/PAR—Indicates that Surveillance (ASR) or Precision (PAR) radar instrument approach minimums are published in the U.S. Terminal Procedures. Only part-time hours of operation will be shown.

RADIO CLASS DESIGNATIONS

VOR/DME/TACAN Standard Service Volume (SSV) Classifications

SSV Class	Altitudes	Distance (NM)
(T) Terminal	1000' to 12,000'	25
(L) Low Altitude	1000' to 18,000'	40
(H) High Altitude	1000' to 14,500'	40
	14,500' to 18,000'	100
	18,000' to 45,000'	130
	45,000' to 60,000'	100
(VL) VOR Low	1000' to 5,000'	40
	5,000' to 18,000'	70
(VH) VOR High	1000' to 5,000'	40
	5,000' to 14,500'	70
	14,500' to 18,000'	100
	18,000' to 45,000'	130
	45,000' to 60,000'	100
(DL) DME Low & (DH) DME High*	1000' to 12,900'	40 increasing to 130
(DL) DME Low	12,900' to 18,000'	130
(DH) DME High	12,900' to 45,000'	130
	45,000' to 60,000'	100

*Between 1000' to 12,900', DME service volume follows a parabolic curve used by flight management computers.

NOTES: Additionally, High Altitude facilities provide Low Altitude and Terminal service volume and Low Altitude facilities provide Terminal service volume. Altitudes are with respect to the station's site elevation. Coverage is not available in a cone of airspace directly above the facility. In some cases local conditions (terrain, buildings, trees, etc.) may require that the service volume be restricted. The public shall be informed of any such restriction by a remark in the NAVAID entry in this publication or by a Notice to Airmen (NOTAM).

The term VOR is, operationally, a general term covering the VHF omnidirectional bearing type of facility without regard to the fact that the power, the frequency protected service volume, the equipment configuration, and operational requirements may vary between facilities at different locations.

AB _____	Automatic Weather Broadcast.
DF _____	Direction Finding Service.
DME _____	UHF standard (TACAN compatible) distance measuring equipment.
DME(Y) _____	UHF standard (TACAN compatible) distance measuring equipment that require TACAN to be placed in the "Y" mode to receive DME.
GS _____	Glide slope.
H _____	Non-directional radio beacon (homing), power 50 watts to less than 2,000 watts (50 NM at all altitudes).
HH _____	Non-directional radio beacon (homing), power 2,000 watts or more (75 NM at all altitudes).
H-SAB _____	Non-directional radio beacons providing automatic transcribed weather service.
ILS _____	Instrument Landing System (voice, where available, on localizer channel).
IM _____	Inner marker.
LDA _____	Localizer Directional Aid.
LMM _____	Compass locator station when installed at middle marker site (15 NM at all altitudes).
LOM _____	Compass locator station when installed at outer marker site (15 NM at all altitudes).
MH _____	Non-directional radio beacon (homing) power less than 50 watts (25 NM at all altitudes).
MM _____	Middle marker.
OM _____	Outer marker.
S _____	Simultaneous range homing signal and/or voice.
SABH _____	Non-directional radio beacon not authorized for IFR or ATC. Provides automatic weather broadcasts.
SDF _____	Simplified Direction Facility.
TACAN _____	UHF navigational facility—omnidirectional course and distance information.
VOR _____	VHF navigational facility—omnidirectional course only.
VOR/DME _____	Collocated VOR navigational facility and UHF standard distance measuring equipment.
VORTAC _____	Collocated VOR and TACAN navigational facilities.
W _____	Without voice on radio facility frequency.
Z _____	VHF station location marker at a LF radio facility.

ILS FACILITY PERFORMANCE CLASSIFICATION CODES


Codes define the ability of an ILS to support autoland operations. The two portions of the code represent Official Category and farthest point along a Category I, II, or III approach that the Localizer meets Category III structure tolerances.

Official Category: I, II, or III; the lowest minima on published or unpublished procedures supported by the ILS.

Farthest point of satisfactory Category III Localizer performance for Category I, II, or III approaches: A – 4 NM prior to runway threshold, B – 3500 ft prior to runway threshold, C – glide angle dependent but generally 750–1000 ft prior to threshold, T – runway threshold, D – 3000 ft after runway threshold, and E – 2000 ft prior to stop end of runway.

ILS information is tabulated as indicated in the following sample:

ILS/DME 108.5 I-ORL Chan 22 Rwy 18. Class IIE. LOM HERNY NDB.

ILS Facility Performance 
Classification Code

FREQUENCY PAIRING TABLE

VHF FREQUENCY	TACAN CHANNEL	VHF FREQUENCY	TACAN CHANNEL	VHF FREQUENCY	TACAN CHANNEL	VHF FREQUENCY	TACAN CHANNEL
108.10	18X	108.55	22Y	111.05	47Y	114.85	95Y
108.30	20X	108.65	23Y	111.15	48Y	114.95	96Y
108.50	22X	108.75	24Y	111.25	49Y	115.05	97Y
108.70	24X	108.85	25Y	111.35	50Y	115.15	98Y
108.90	26X	108.95	26Y	111.45	51Y	115.25	99Y
109.10	28X	109.05	27Y	111.55	52Y	115.35	100Y
109.30	30X	109.15	28Y	111.65	53Y	115.45	101Y
109.50	32X	109.25	29Y	111.75	54Y	115.55	102Y
109.70	34X	109.35	30Y	111.85	55Y	115.65	103Y
109.90	36X	109.45	31Y	111.95	56Y	115.75	104Y
110.10	38X	109.55	32Y	113.35	80Y	115.85	105Y
110.30	40X	109.65	33Y	113.45	81Y	115.95	106Y
110.50	42X	109.75	34Y	113.55	82Y	116.05	107Y
110.70	44X	109.85	35Y	113.65	83Y	116.15	108Y
110.90	46X	109.95	36Y	113.75	84Y	116.25	109Y
111.10	48X	110.05	37Y	113.85	85Y	116.35	110Y
111.30	50X	110.15	38Y	113.95	86Y	116.45	111Y
111.50	52X	110.25	39Y	114.05	87Y	116.55	112Y
111.70	54X	110.35	40Y	114.15	88Y	116.65	113Y
111.90	56X	110.45	41Y	114.25	89Y	116.75	114Y
108.05	17Y	110.55	42Y	114.35	90Y	116.85	115Y
108.15	18Y	110.65	43Y	114.45	91Y	116.95	116Y
108.25	19Y	110.75	44Y	114.55	92Y	117.05	117Y
108.35	20Y	110.85	45Y	114.65	93Y	117.15	118Y
108.45	21Y	110.95	46Y	114.75	94Y	117.25	119Y

AIRPORT/FACILITY DIRECTORY LEGEND

FREQUENCY PAIRING TABLE

The following is a list of paired VOR/LS VHF frequencies with TACAN channels.

TACAN CHANNEL	VHF FREQUENCY	TACAN CHANNEL	VHF FREQUENCY	TACAN CHANNEL	VHF FREQUENCY	TACAN CHANNEL	VHF FREQUENCY
2X	134.50	43X	110.60	72X	112.50	101X	115.40
2Y	134.55	43Y	110.65	72Y	112.55	101Y	115.45
11X	135.40	44X	110.70	73X	112.60	102X	115.50
11Y	135.45	44Y	110.75	73Y	112.65	102Y	115.55
12X	135.50	45X	110.80	74X	112.70	103X	115.60
12Y	135.55	45Y	110.85	74Y	112.75	103Y	115.65
17X	108.00	46X	110.90	75X	112.80	104X	115.70
17Y	108.05	46Y	110.95	75Y	112.85	104Y	115.75
18X	108.10	47X	111.00	76X	112.90	105X	115.80
18Y	108.15	47Y	111.05	76Y	112.95	105Y	115.85
19X	108.20	48X	111.10	77X	113.00	106X	115.90
19Y	108.25	48Y	111.15	77Y	113.05	106Y	115.95
20X	108.30	49X	111.20	78X	113.10	107X	116.00
20Y	108.35	49Y	111.25	78Y	113.15	107Y	116.05
21X	108.40	50X	111.30	79X	113.20	108X	116.10
21Y	108.45	50Y	111.35	79Y	113.25	108Y	116.15
22X	108.50	51X	111.40	80X	113.30	109X	116.20
22Y	108.55	51Y	111.45	80Y	113.35	109Y	116.25
23X	108.60	52X	111.50	81X	113.40	110X	116.30
23Y	108.65	52Y	111.55	81Y	113.45	110Y	116.35
24X	108.70	53X	111.60	82X	113.50	111X	116.40
24Y	108.75	53Y	111.65	82Y	113.55	111Y	116.45
25X	108.80	54X	111.70	83X	113.60	112X	116.50
25Y	108.85	54Y	111.75	83Y	113.65	112Y	116.55
26X	108.90	55X	111.80	84X	113.70	113X	116.60
26Y	108.95	55Y	111.85	84Y	113.75	113Y	116.65
27X	109.00	56X	111.90	85X	113.80	114X	116.70
27Y	109.05	56Y	111.95	85Y	113.85	114Y	116.75
28X	109.10	57X	112.00	86X	113.90	115X	116.80
28Y	109.15	57Y	112.05	86Y	113.95	115Y	116.85
29X	109.20	58X	112.10	87X	114.00	116X	116.90
29Y	109.25	58Y	112.15	87Y	114.05	116Y	116.95
30X	109.30	59X	112.20	88X	114.10	117X	117.00
30Y	109.35	59Y	112.25	88Y	114.15	117Y	117.05
31X	109.40	60X	112.30	89X	114.20	118X	117.10
31Y	109.45	60Y	112.35	89Y	114.25	118Y	117.15
32X	109.50	61X	112.40	90X	114.30	119X	117.20
32Y	109.55	61Y	112.45	90Y	114.35	119Y	117.25
33X	109.60	62X	112.50	91X	114.40	120X	117.30
33Y	109.65	62Y	112.55	91Y	114.45	120Y	117.35
34X	109.70	63X	112.60	92X	114.50	121X	117.40
34Y	109.75	63Y	112.65	92Y	114.55	121Y	117.45
35X	109.80	64X	112.70	93X	114.60	122X	117.50
35Y	109.85	64Y	112.75	93Y	114.65	122Y	117.55
36X	109.90	65X	112.80	94X	114.70	123X	117.60
36Y	109.95	65Y	112.85	94Y	114.75	123Y	117.65
37X	110.00	66X	112.90	95X	114.80	124X	117.70
37Y	110.05	66Y	112.95	95Y	114.85	124Y	117.75
38X	110.10	67X	113.00	96X	114.90	125X	117.80
38Y	110.15	67Y	113.05	96Y	114.95	125Y	117.85
39X	110.20	68X	113.10	97X	115.00	126X	117.90
39Y	110.25	68Y	113.15	97Y	115.05	126Y	117.95
40X	110.30	69X	113.20	98X	115.10		
40Y	110.35	69Y	113.25	98Y	115.15		
41X	110.40	70X	113.30	99X	115.20		
41Y	110.45	70Y	113.35	99Y	115.25		
42X	110.50	71X	113.40	100X	115.30		
42Y	110.55	71Y	113.45	100Y	115.35		

33 COMM/NAV/WEATHER REMARKS: These remarks consist of pertinent information affecting the current status of communications, NAVAIDs, weather, and in the absence of air-ground radio outlets identified in the Communications section some approach control facilities will have a clearance delivery phone number listed here.

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BRADLEY INTL (See WINDSOR LOCKS on page 43)

BRADLEY N41°55.83' W72°41.99' NOTAM FILE BDL.
(H) DME 117.05 BYT Chan 117(Y) at Bradley Intl. 169.

NEW YORK

BRIDGEPORT/SIKORSKY (BDR)(KBDR) 3 SE UTC-5(-4DT) N41°09.81' W73°07.57'
9 B TPA—See Remarks LRA Class IV, ARFF Index A NOTAM FILE BDR

NEW YORK

COPTER

L-33B, 341

IAP, AD

RWY 11-29: H4759X150 (ASPH) S-30, D-108, 2S-137 HIRL
RWY 11: REIL. PAPI(P4L)—GA 3.5° TCH 40'. Trees.
RWY 29: REIL. PAPI(P4L)—GA 3.0° TCH 55'. Thld dspclcd 364'.
Road. Rgt tfc.
RWY 06-24: H4677X100 (ASPH-GRVD) S-57, D-80, 2S-135
HIRL
RWY 06: REIL. PAPI(P4R)—GA 3.0° TCH 51'. Road.
RWY 24: REIL. PAPI(P4L)—GA 3.0° TCH 52'. Thld dspclcd 320'.
Road.

LAND AND HOLD—SHORT OPERATIONS

LDG RWY	HOLD—SHORT POINT	AVBL LDG DIST
RWY 06	11-29	3700
RWY 11	06-24	3350

RUNWAY DECLARED DISTANCE INFORMATION

RWY 06: TORA-4677	TODA-4677	ASDA-4677	LDA-4677
RWY 11: TORA-4759	TODA-4759	ASDA-4759	LDA-4759
RWY 24: TORA-4677	TODA-4677	ASDA-4677	LDA-4357
RWY 29: TORA-4759	TODA-4759	ASDA-4759	LDA-4395

ARRESTING GEAR/SYSTEM

RWY 06: EMAS

SERVICE: S4 FUEL 100LL, JET A OX3, 4 LGT When ATCT clsd,

ACTVT REIL Rwy 06 and 24, 11 and 29; PAPI Rwy 06, 11 and 29; HIRL Rwy 06-24 and 11-29 —CTAF.

AIRPORT REMARKS: Attended 1100-0500Z†. Birds and wildlife frequently on and in/ov arpt. 120' pole .75 NM south of arpt unlgtd. PAEW adjacent to all operational sfc's dalgt hrs Apr through Oct. There may be standing water adjacent to all sfc's. Uneven sfc's Rwy 29 safety area apch end left side. Extensive helicopter ops blw 10,000 ft 5-15 miles NW thru NE, for tfc information when in/ov arpt ctc Sikorsky ops on 133.6 (1200-2130Z†). Arpt clsd to scheduled air carriers more than 10 passengers and unscheduled air carriers more than 30 pax exc 90 day PPR. Rwy 29 clsd to takeoff acft more than 45,000 lb exc 30 min PPR 203-576-7497. Rwy 11-29 clsd to all air carrier ops. Avoid overflying residential areas NE and SE of arpt. Departing Rwy 24 avoid turns until 1/2 mile byd shoreline. TPA-1009(1000) for single engine acft, 1509(1500) all others. When winds are less than 5 kts requested use of Rwy 11 or Rwy 29. When the twr is clsd all engine runups are prohibited. However, if an acft rqrs nighttime engine maintenance, PPR from arpt manager is rqrd and the runups are to be performed on Twy G between Twy J and Twy K. Pilots are advised to use care in positioning their acft to prevent damage from prop wash to afld sign. Rwy 11-29 not avbl for skedd acr ops more than 9 pax seats or unskd acr ops at least 31 pax seats. Prkg fee all acft aft 2 hrs. Ldg fee all acft exc solo students. Flight Notification Service (ADCUS) available.

AIRPORT MANAGER: 203-576-8163

WEATHER DATA SOURCES: ASOS 119.15 (203) 381-9453.

COMMUNICATIONS: CTAF 120.9 ATIS 119.15 UNICOM 123.0

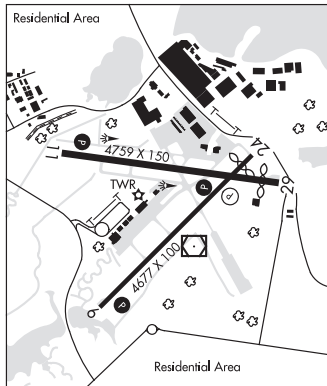
RCD 122.2 (BRIDGEPORT RADIO)

® NEW YORK APP/DEP CON 124.075 CLNC DEL 124.075 (when BDR twr clsd)

BRIDGEPORT TOWER 120.9 (1130-0300Z†) GND CON 121.75 CLNC DEL 121.75

CLEARANCE DELIVERY PHONE: For CD when ATCT clsd ctc New York Apch at 516-683-2449 or 124.075

AIRSPACE: CLASS D svc 1130-0300Z†; other times CLASS G.



CONTINUED ON NEXT PAGE

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VOR TEST FACILITY (VOT) 109.25

RADIO AIDS TO NAVIGATION: NOTAM FILE BDR.

(L) VOR/DME 108.8 BDR Chan 25 N41°09.64' W73°07.47' at fld. 6/12W.

VOR unusable:

106°-120° byd 30 NM blo 2,500'
121°-130° byd 15 NM blo 3,000'
161°-180° byd 30 NM blo 1,300'
181°-260° byd 30 NM blo 2,500'
261°-359° byd 30 NM blo 5,500'
360°-105° byd 30 NM blo 3,000'

DME unusable:

106°-120° byd 30 NM blo 2,500'
121°-130° byd 30 NM blo 2,200'
161°-180° byd 30 NM blo 1,300'
181°-260° byd 30 NM blo 2,500'
261°-359° byd 30 NM blo 5,500'
360°-105° byd 30 NM blo 3,000'

ILS/DME 110.7 I-BDR Chan 44 Rwy 06. Class IT. Unmonitored when ATCT clsd. Glideslope unusable for cpd apchis blw 350'. LOC unusable ovr thr abv 1,000'; byd 5.5 NM abv 3,000'.

COMM/NAV/WEATHER REMARKS: Emerg frequency 121.5 not avbl at twr.

BRIDGEPORT N41°09.64' W73°07.47' NOTAM FILE BDR.

NEW YORK

(L) VOR/DME 108.8 BDR Chan 25 at Bridgeport/Sikorsky. 6/12W.

H-101, L-33C, 34I

VOR unusable:

106°-120° byd 30 NM blo 2,500'
121°-130° byd 15 NM blo 3,000'
161°-180° byd 30 NM blo 1,300'
181°-260° byd 30 NM blo 2,500'
261°-359° byd 30 NM blo 5,500'
360°-105° byd 30 NM blo 3,000'

DME unusable:

106°-120° byd 30 NM blo 2,500'
121°-130° byd 30 NM blo 2,200'
161°-180° byd 30 NM blo 1,300'
181°-260° byd 30 NM blo 2,500'
261°-359° byd 30 NM blo 5,500'
360°-105° byd 30 NM blo 3,000'

RCO 122.2 (BRIDGEPORT RADIO)

CANDLELIGHT FARMS (See NEW MILFORD on page 39)

CANDLELIGHT HELIPORT (See NEW MILFORD on page 39)

CHESTER (SNC)(KSNC) 3 SW UTC-5(-4DT) N41°23.02' W72°30.35'

NEW YORK

416 B NOTAM FILE SNC

L-33C, 34I

RWY 17-35: H2722X50 (ASPH) S-8.5 MIRL 0.5% up S

RWY 17: REIL. Thld dspcd 559'. Tree.

RWY 35: REIL.

IAP

SERVICE: S4 FUEL 100LL LGT SS-SR. Rotating bcn opr 24 hrs.

AIRPORT REMARKS: Attended Apr-Oct 1400-0100Z†, Nov-Mar

1400-2300Z‡. Self svc fuel avbl with credit card. Rwy 17 dspcd thld marked but not lgtd, dspcd thld 5' higher than end of rwy. Rwy 17-35 non-std MIRL fixtures/cones.

AIRPORT MANAGER: 860-718-2109

WEATHER DATA SOURCES: AWOS-3 118.325 (860) 526-1551.

COMMUNICATIONS: CTAF/UNICOM 122.725

RCO 122.25 (BRIDGEPORT RADIO)

® NEW YORK APP/DEP CON 124.075

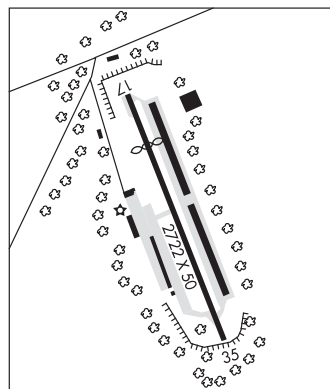
CLEARANCE DELIVERY PHONE: For CD ctc New York Apch at 516-683-2449.

RADIO AIDS TO NAVIGATION: NOTAM FILE BDR.

MADISON (L) VOR/DME 110.4 MAD Chan 41 N41°18.83'
W72°41.53' 077° 9.4 NM to fld. 216/13W.

DME unusable:

330°-090° byd 30 NM blo 4,000'



DANBURY MUNI (DXR)(KDXR) 3 SW UTC-5(-4DT) N41°22.29' W73°28.93'

NEW YORK

457 B TPA—See Remarks NOTAM FILE DXR

L-33B, 341

RWY 08-26: H4421X150 (ASPH-GRVD) S-38, D-70, 2S-90 MIRL

IAP, AD

RWY 08: REIL. Thld dsplcd 367'. Trees.

RWY 26: REIL. Thld dsplcd 734'. Trees.

RWY 17-35: H3135X100 (ASPH) S-50, D-65, 2S-82

RWY 17: Thld dsplcd 223'. Pole.

RWY 35: Thld dsplcd 231'. Trees.

SERVICE: S4 **FUEL** 100LL, **JET A** **OX 4** **LGT** When twr clsd, **ACTIVATE**

REIL Rwy 08 and Rwy 26 and MIRL Rwy 08-26—CTAF.

NOISE: Noise abatement procedures in effect ctc arpt manager
203-797-4624.

AIRPORT REMARKS: Attended 1200Z†-dusk. Deer and birds on and infv arpt. Rwy 17-35 CLOSED ngts. Cond unmnt 2130-1230Z† Mon-Fri and wkends. Prohibited to ultralight and unregistered acft. Intersection tkfs, stop and go tkfs not authorized. Acft using Rwy 35 not visible from twr descending below 1300' on base leg until approaching 1/2 mile final due to natural terrain. TPA—2200 (1743) Turboprop/Jet. PPR for formation tkf/lfd, ctc arpt manager. Rotating bcn located one mile south of arpt on top of a hill.

AIRPORT MANAGER: 203-797-4624

WEATHER DATA SOURCES: ASOS 127.75 (203) 791-8227. LAWRS.

COMMUNICATIONS: CTAF 119.4 ATIS 127.75 UNICOM 122.95

® **NEW YORK APP/DEP CON** 126.4

TOWER 119.4 (1200-0300Z†) **GND CON** 121.6 **CLNC DEL** 128.6 (When DXR twr clsd)

AIRSPACE: CLASS D svc 1200-0300Z†; other times CLASS G.

RADIO AIDS TO NAVIGATION: NOTAM FILE ISP.

CARMEL (L) (L) VOR/DME 116.6 **CMK** Chan 113 N41°16.81' W73°34.88' 051° 7.1 NM to fld. 693/12W.

VOR unusable:

001°-155°

195°-225°

245°-270°

325°-355°

DME unusable:

000°-015° byd 20 NM

034°-054° byd 20 NM

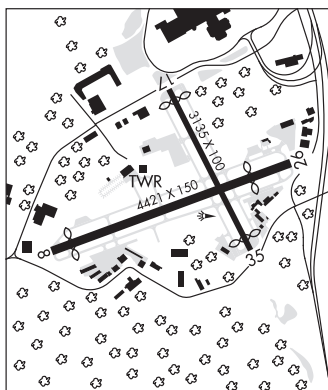
055°-135° byd 20 NM blo 5,000'

180°-200°

340°-359° byd 20 NM blo 6,000'

LOC/DME 111.55 I-DXR Chan 52(Y) Rwy 08. LOC unmonitored when ATCT clsd. Localizer offset angle 3.00 deg.

LOC unusable byd 20° right side of course. DME unusable byd 10 NM; and 10° right of course and byd 20° left of course.



DANIELSON (LZD)(KLZD) 2 NW UTC-5(-4DT) N41°49.19' W71°54.06'

NEW YORK

238 B NOTAM FILE BDR

L-33C, 34J

RWY 13-31: H2700X75 (ASPH) S-29 MIRL

IAP

RWY 13: Tree.

RWY 31: REIL. Tree.

SERVICE: S4 FUEL 100LL LGT ACTVT REIL Rwy 31; MIRL Rwy 13-31—CTAF.

AIRPORT REMARKS: Unattended. Parachute Jumping. Extsv paja SR-SS May-Oct. Gldr actvy on & invof arpt. Deer on & invof arpt. Self svc fuel, credit card rqrd: Visa, Mastercard. Ldg fee for business, corporate & revenue producing acft.

AIRPORT MANAGER: 860-982-2443

WEATHER DATA SOURCES: AWOS-3 119.125 (860) 779-7251.

COMMUNICATIONS: CTAF/UNICOM 123.0

Ⓡ PROVIDENCE APP/DEP CON 123.675 (Sun-Fri 1030-0530Z±, Sat 1030-0500Z±) other times ctc
 BOSTON CENTER APP/DEP CON 124.85

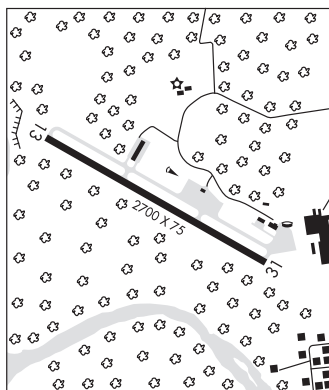
CLEARANCE DELIVERY PHONE: For CD ctc Providence Apch at 401-738-8945, when Apch clsd ctc Boston ARTCC at 603-879-6859.

RADIO AIDS TO NAVIGATION: NOTAM FILE BDR.

PUTNAM (H) (H) VORW/DME 117.4 PUT Chan 121 N41°57.33' W71°50.65' 211° 8.5 NM to fld. 652/14W.

DME unusable:

265°-301° byd 36 NM blo 3,000'

**EAST HADDAM****GOODSPEED** (42B) 1 SE UTC-5(-4DT) N41°26.74' W72°27.34'

NEW YORK

9 NOTAM FILE BDR

RWY 14-32: H2120X50 (ASPH) S-8 LIRL

RWY 32: Trees.

SERVICE: S4 LGT Arpt lgts opr 24 hrs.

AIRPORT REMARKS: Unattended. Caution deer, birds and waterfowl on and invof arpt. Parl turf twy mkd with yellow cones. May be soft when wet or aft rain. Seaplane dock and ramp. Overnight parking fee. Ldg fee.

AIRPORT MANAGER: (860) 615-9068

COMMUNICATIONS: CTAF/UNICOM 122.8

CLEARANCE DELIVERY PHONE: For CD ctc New York Apch at 516-683-2449.

WATERWAY 16W-34W: 4500X1000 (WATER)

WATERWAY 16W: Bridge.

WATERWAY 34W: Hill.

ELLINGTON (7B9) 2 N UTC-5(-4DT) N41°55.53' W72°27.43'

NEW YORK

253 NOTAM FILE BDR

RWY 01-19: H1800X50 (ASPH) S-9 RWY LGTS(NSTD)

RWY 01: Trees.

RWY 19: Trees.

SERVICE: S4 FUEL 100LL LGT Non-std LIRL opr dusk-0500Z±, for lgts aft 0500Z± call 860-871-2054 durg bus hrs. Rwy 01-19 non-std LIRL due to spacing, thr lgts outboard of rwy.

AIRPORT REMARKS: Attended 1300-2300Z±. Parachute Jumping. Extensive helicopter training ops. Acft tfc pat on E side of arpt only. Hel tfc pat on W side of arpt only. Twy pavement failed, extsv cracking, patches, loose aggregate and sml stones. Rwy 01 mkg faded. Rwy 19 mkg faded.

AIRPORT MANAGER: 860-614-1854

COMMUNICATIONS: CTAF/UNICOM 123.0

CLEARANCE DELIVERY PHONE: For CD ctc Yankee Apch at 860-386-3597.

FARMINGTON CT71 N41°42.54' W72°48.13' /363

NEW YORK

AWOS-AV 129.825 AWOS-AV wx bcst on 129.825 (3 mic clicks).

L-33C, 34I

GOODSPEED (See EAST HADDAM on page 35)

GROTON (NEW LONDON)

GROTON—NEW LONDON (GON)(KGON) P (ARNG) 3 SE UTC-5(-4DT) N41°19.80'

NEW YORK

H-101, 12K, L-33C, 341

IAP, AD

W72°02.71'

9 B TPA—See Remarks LRA Class IV, ARFF Index A NOTAM FILE GON

RWY 05-23: H5000X150 (ASPH-GRVD) S-90, D-113, 2S-143, 2D-200 PCN 46 F/C/X/T HIRL

RWY 05: MALSR. PAPI(P4L)—GA 3.0° TCH 40'. RVR-T

RWY 23: REIL. VASI(V4L)—GA 3.0° TCH 49'. RVR-R Tree.

RWY 15-33: H4000X96 (ASPH-GRVD) S-90, D-113, 2S-143 PCN 12 R/C/X/T HIRL

RWY 15: PAPI(P4R)—GA 4.0° TCH 45'. Thld dsplcd 307'. Tree.

RWY 33: REIL. PAPI(P4L)—GA 3.75° TCH 34'. Thld dsplcd 205'. Trees.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 05: TORA-5000 TODA-5000 ASDA-5000 LDA-5000

RWY 15: TORA-4000 TODA-4000 ASDA-3798 LDA-3491

RWY 23: TORA-5000 TODA-5000 ASDA-5000 LDA-5000

RWY 33: TORA-4000 TODA-4000 ASDA-3871 LDA-3666

ARRESTING GEAR/SYSTEM

RWY 05: EMAS

RWY 23: EMAS

SERVICE: S4 FUEL 100LL, JET A OX 1, 2, 3, 4 LGT When twr clsd
ACTIVATE HIRL Rws 05-23 and 15-33, MALSR Rwy

05—CTAF. **MILITARY—A-GEAR** Rwy 05 EMAS 130' x 162'. Rwy 23 EMAS 340' x 162'. **FUEL** (NC-100LL, A. After hr fuel, call before 0200Z† day of arr C860-715-8800.)

NOISE: Noise abatement procs in effect are as flws: Rwy 05: turn left hdg 020° til rchg 1000', then on crs; Rwy 23: turn left hdg 210° til rchg 1000', then on crs; Rwy 33: fly rwy hdg until rchg 1000', then on crs.

AIRPORT REMARKS: Attended 1100-0200Z†. Deer, birds and waterfowl on and in/ovf arpt. For fuel after hrs call before 2100 lcl day of arr, 860-715-8800. Conditions not monitored from 1800 local to 0600 local, Monday through Friday, and from 1500 local to 0700 local, Saturday through Sunday. Tran pilots at general aviation ramp exit and re-enter arpt via pilot pedestrian gate adjacent to main terminal with posted gate lock combination. This gate is lgtd with electronic surveillance 24 hrs a day. Clsd to unscheduled air carrier ops with more than 30 pax seats exc 48 hr PPR call 860-250-4701. No touch and go ops are permitted btn 0300-1100Z†. Practice apchs/full-stop/touch and go lds prohibited by pure jet acft and acft weighing 12,500 lbs and over exc by written apvl from the Connecticut Arpt Authority. TPA—1009 (1000) lgt acft, 1509 (1500) all turbine powered acft. Terminal aerodrome forecast svc avbl. Rwy 23 nr not std. Ldg fee for business, corporate and revenue producing acft. Flight Notification Service (ADCUS) avbl. U.S. Customs svc avbl with 6 hr PPR call Mon-Fri 1300-2100Z† on 203-773-2040 (or toll free in the U.S. 1-800-973-2867) and from Canada 407-975-1740. Call before 2000Z† on Fri for weekend or holiday svc requests.

AIRPORT MANAGER: 860-841-9664

WEATHER DATA SOURCES: ASOS 127.0 (860) 449-8921. LAWRs.

COMMUNICATIONS: CTAF 125.6 ATIS 127.0

Ⓡ **PROVIDENCE APP/DEP CON** 125.75 (Sun-Fri 1030-0530Z† Sat 1030-0500Z† other times ctc)

Ⓡ **BOSTON CENTER APP/DEP CON** 124.85

TOWER 125.6 (1200-0300Z†) **GND CON** 121.65 **CLNC DEL** 121.65 119.85

CLEARANCE DELIVERY PHONE: For CD when Apch clsd ctc Boston ARTCC at 603-879-6859.

AIRSPACE: CLASS D svc 1200-0300Z†; other times CLASS G.

VOR TEST FACILITY (VOT) 110.25

RADIO AIDS TO NAVIGATION: NOTAM FILE GON.

(T) (T) **VOR/DME** 110.85 GON Chan 45(Y) N41°19.82' W72°03.12' at fld. 9/14W.

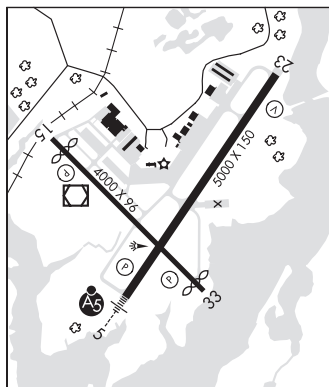
VOR portion unusable:

241°-265° blo 5,000'

DME unusable:

355°-019° blo 3,000'

ILS/DME 111.3 I-GON Chan 50 Rwy 05. Class IT. Unmonitored when ATCT closed.



GROTON—NEW LONDON (See GROTON (NEW LONDON) on page 36)

HARTFORD—BRAINARD (HFD)(KHFD) 3 SE UTC-5(-4DT) N41°44.20' W72°38.97'

NEW YORK

18 B NOTAM FILE HFD

L-33C, 34I

RWY 02-20: H4417X150 (ASPH—GRVD) S-30, D-43, 2D-70 HIRL

IAP, AD

RWY 02: REIL. PAPI(P4L)—GA 4.0° TCH 42'. Thld dsplcd 411'.
Trees.RWY 20: REIL. PAPI(P4R)—GA 4.0° TCH 58'. Thld dsplcd 560'.
Trees.

RWY 11-29: H2314X71 (ASPH) S-10 HIRL

RWY 11: Trees.

RWY 29: Thld dsplcd 265'. Trees.

RWY NE-SW: 2309X150 (TURF)

RWY NE: Trees.

RWY SW: Trees.

SERVICE: S4 FUEL 100LL, JET A LGT When ATCT clsd, ACTVT REIL
Rwys 02 and 20; HIRL Rwy 02-20—CTAF. PAPI Rwy 02 and Rwy
20 opr consly. Rwy 20 PAPI unusbld byd 7 degs L of RCL.NOISE: Arpt located in noise sensitive area. Populated areas to south and
west should be avoided. Apch/depart over river when possible. See
Brainard twr Letters to Airmen.AIRPORT REMARKS: Attended Apr-Nov 1200-0200Z‡, Dec-Mar
1200-0000Z‡. Birds and deer on and infov airport. Caution HFD is
lctd on W side of river. CLSD arpt 1 mile ENE of HFD on E side of river.Turf Rwy NE-SW clsd during winter months from Nov 2 to Apr 30 exc for ski-equipped acft and helicopter training. Arpt
clsd to air carrier ops. Voluntary compliance requested, no touch and go ldg and practice instrument apch Mon-Sat
0300-1100Z‡ and Sun 0300-1400Z‡. Ldg fee for business, corporate and revenue producing acft.

AIRPORT MANAGER: 860-982-2443

WEATHER DATA SOURCES: ASOS (860) 527-5837 LAWRS.

COMMUNICATIONS: CTAF 119.6 ATIS 126.45 860-246-5929 UNICOM 122.95

Ⓡ BRADLEY APP/DEP CON 127.8

TOWER 119.6 (1100-0500Z‡) GND CON 121.6 CLNC DEL 121.6 121.6

AIRSPACE: CLASS D svc 1100-0500Z‡; other times CLASS G.

VOR TEST FACILITY (VOT) 108.2

RADIO AIDS TO NAVIGATION: NOTAM FILE HFD.

(L) (L) VOR/DME 114.9 HFD Chan 96 N41°38.47' W72°32.85' 334° 7.3 NM to fld. 849/13W.

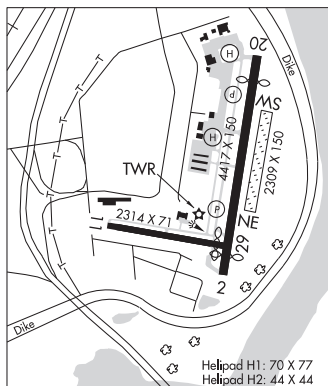
LDA 109.7 I-HFD Rwy 02. LDA unmonitored when ATCT clsd.

.

HELIPAD H1: H70X77 (ASPH) MIRL

HELIPAD H2: H44X44 (ASPH) MIRL

HELIPAD REMARKS: Helipad H1 hangar (26' high at 290° west) 234' from helipad.

**HARTFORD** N41°38.47' W72°32.85' NOTAM FILE HFD.

NEW YORK

(L) (L) VOR/DME 114.9 HFD Chan 96 334° 7.3 NM to Hartford—Brainard. 849/13W.

H-10I, 12I, L-33C, 34I

MADISON N41°18.83' W72°41.53' NOTAM FILE BDR.

NEW YORK

(L) (L) VOR/DME 110.4 MAD Chan 41 077° 9.4 NM to Chester. 216/13W.

H-10I, L-33C, 34I

DME unusable:

330°-090° byd 30 NM blo 4,000'

MARLBOROUGH**SALMON RIVER AIRFIELD** (9B8) 3 S UTC-5(-4DT) N41°35.37' W72°26.54'

NEW YORK

540 NOTAM FILE BDR

RWY 17-35: 2000X60 (TURF)

RWY 17: Trees. Rgt tfc.

RWY 35: Trees.

AIRPORT REMARKS: Attended irregularly. Arpt CLOSED SS-SR. Arpt CLOSED Dec 15-Apr 30. Personnel and equipment infov
rwy and twys. All surfaces, rwy and twy, work in progress, maintenance.

AIRPORT MANAGER: (860) 883-4272

COMMUNICATIONS: CTAF 122.9

CLEARANCE DELIVERY PHONE: For CD ctc Yankee Apch at 860-386-3597

MERIDEN MARKHAM MUNI (MMK)(KMMK) 3 SW UTC-5(-4DT) N41°30.52' W72°49.77'

NEW YORK

103 B NOTAM FILE MMK

L-33B, 341

RWY 18-36: H3100X75 (ASPH) S-30 MIRL

IAP

RWY 18: Tree.

RWY 36: REIL. PAPI(P4L)—GA 3.5° TCH 38'. Tree.

SERVICE: S4 **FUEL** 100LL **LGT** ACTIVATE MIRL Rwy 18-36 and REIL Rwy 36—CTAF.

AIRPORT REMARKS: Attended Mon-Sun 1400-2200Z. Ctn deer, coyotes & birds on & invof arpt. 100LL self svc fuel. Cranes +150 ft AGL, 0.25 mi NW AER 18, lgtd Oper intmt dalgt. PPR for jet. Rwy 36 no touch and go ldg. Std left ttc for both rwys. Calm wind Rwy 18.

AIRPORT MANAGER: 203-630-2878

WEATHER DATA SOURCES: ASOS 134.925 (203) 639-9405.

COMMUNICATIONS: CTAF/UNICOM 123.05

Ⓡ **BRADLEY APP/DEP CON** 127.8

CLNC DEL 120.65

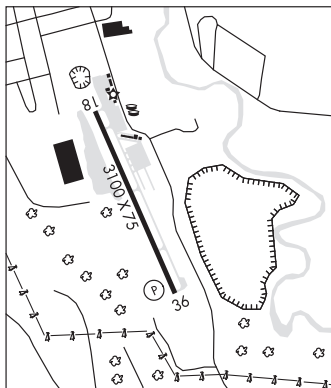
CLEARANCE DELIVERY PHONE: For CD ctc Yankee Apch at 860-386-3597.

RADIO AIDS TO NAVIGATION: NOTAM FILE BDR.

MADISON (L) VORW/DME 110.4 MAD Chan 41 N41°18.83' W72°41.53' 345° 13.2 NM to fld. 216/13W.

DME unusable:

330°-090° byd 30 NM blo 4,000'



NEW HAVEN

TWEED/NEW HAVEN (HVN)(KHVN) 3 SE UTC-5(-4DT) N41°15.82' W72°53.26'

NEW YORK

13 B TPA—See Remarks LRA ARFF Index—See Remarks NOTAM FILE HVN

H-101, 121, L-33B, 341

RWY 02-20: H5600X150 (ASPH-GRVD) S-110, D-160, 2S-175 PCN 57 F/C/X/T HIRL

IAP, AD

RWY 02: MALSF. PAPI(P4L)—GA 3.0° TCH 50'. RVR-T Trees.

RWY 20: PAPI(P4L)—GA 3.5° TCH 55'. RVR-R Trees.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 02: TORA-5600 TODA-5600 ASDA-5600 LDA-5600

RWY 20: TORA-5600 TODA-5600 ASDA-5600 LDA-5600

SERVICE: S4 **FUEL** 100LL, JET A **OX** 1, 3 **LGT** When ATCT clsd actvt MALSF Rwy 02; HIRL Rwy 02-20—CTAF.

NOISE: Noise abatement procedures in effect. Departing Rwy 20, right and left turn made only after passing shoreline. Clsd to acft over 78 decibels 1200-0300Z, 73 decibels 0300-0500Z and 1100-1200Z, 68 decibels 0500-1100Z excp mil emerg and medical acft; PPR call 203-907-9818.

AIRPORT REMARKS: Attended 1100-0300Z. Wildlife frequently on or invof arpt. Fuel avbl after hrs PPR 203-467-9555.

Class I, ARFF Index B. Clsd to unskd acr ops with more than 30 pax seats excp 24 hr PPR call ops 203-907-9818.

Touch and go ldg ops permitted 1200-0300Z Mon-Sat, 1300-0300Z Sun. Ldg helicopters use Twys A and H intrn.

Standing water at intrn of Twy D and C aft hvv rain. PAEW adjacent to all operational sfcs dalgt hrs Apr-Oct. Extensive HOP sfc—10,000' within 20 miles north/northwest. TPA—1011 (999) reciprocating eng and 1511 (1499)

Turboprop/Jet. Avoid close-in base legs and short apchs ldg Rwy 20. Tran parking on east ramp only. Ldg fee for all acft exc mil, government, emerg and medical. Flight Notification Service (ADCUS) available.

AIRPORT MANAGER: 203-466-8833

WEATHER DATA SOURCES: ASOS (203) 466-6205 LAWRS.

COMMUNICATIONS: CTAF 124.8 ATIS 133.65 UNICOM 122.95

Ⓡ **NEW YORK APP/DEP CON** 124.075

TOWER 124.8 (1100-0300Z) **GND CON** 121.7 **CLNC DEL** 121.7 (When twr clsd)

CLEARANCE DELIVERY PHONE: For CD when twr clsd ctc New York Apch at 516-683-2449 or 121.7.

AIRSPACE: CLASS D svc 1100-0300Z; other times CLASS G.

RADIO AIDS TO NAVIGATION: NOTAM FILE HVN.

NEW HAVEN (T) DME 109.8 HVN Chan 35 N41°15.74' W72°53.11' at fld. 4.

DME unusable:

031°-120° blo 4,000'

159°-254° blo 3,000'

ILS/DME 109.1 I-HVN Chan 28 Rwy 02. Class IB. Unmonitored when ATCT clsd.

NEW HAVEN N41°15.74' W72°53.11' NOTAM FILE HVN.

NEW YORK

(T) DME 109.8 HVN Chan 35 at Tweed/New Haven. 4.

L-33B, 341

DME unusable:

031°-120° blo 4,000'

159°-254° blo 3,000'

NEW MILFORD

CANDLELIGHT HELIPORT (6Y2) 2 W UTC-5(-4DT) N41°34.07' W73°27.64'

NEW YORK

675 NOTAM FILE BDR

HELIPAD H1: H50X50 (ASPH)**HELIPORT REMARKS:** Unattended. Heliport clsd excp PPR call 203-648-6782. Helipad H1 pavement area measures 28' x 28'; turf 50' x 50'. Helipad H1 28' bldg 135' E of pad. Ldg fee per landing.**AIRPORT MANAGER:** 203-648-6782**COMMUNICATIONS:** CTAF 122.9**CLEARANCE DELIVERY PHONE:** For CD ctc New York Apch at 516-683-2849.**CANDLELIGHT FARMS** (11N) 3 SW UTC-5(-4DT) N41°34.15' W73°27.73'

NEW YORK

675 NOTAM FILE BDR

RWY 17-35: 2900X50 (TURF) 0.9% up N**RWY 17:** Trees.**RWY 35:** Trees.**AIRPORT REMARKS:** Attended dalgt hrs. Birds on and invof arpt. Arpt CLOSED to hel and gldr act. No touch and go ldfs. Arpt CLOSED to tsnt acft Nov-May due to muddy rwy conds. Experimental acft only by PPR 203-241-6064. Rwy 17-35 ends mkd with orange cones. Ovngt prkg fee, PPR 203-241-6064.**AIRPORT MANAGER:** 203-722-1629**COMMUNICATIONS:** CTAF 122.9**CLEARANCE DELIVERY PHONE:** For CD ctc New York Apch at 516-683-2849.**NORTHFIELD HELIPORT** (See THOMASTON on page 41)**NORWICH** N41°33.38' W71°59.96' NOTAM FILE BDR.

NEW YORK

(L) (L) VOR/DME 110.0 ORW Chan 37 338° 13.9 NM to Windham. 310/14W.

H-101, L-33C, 34I

OXFORD

WATERBURY-OXFORD (OXC)(KOXC) 3 N UTC-5(-4DT) N41°28.70' W73°08.11'

NEW YORK

730 B TPA—See Remarks LRA NOTAM FILE OXC

H-101, 12K, L-33B, 34I

RWY 18-36: H5801X100 (ASPH-GRVD) S-50, D-85, 2S-107, 2D-145 HIRL 0.9% up N

IAP, AD

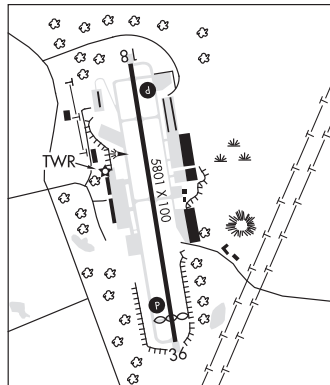
RWY 18: PAPI(P4L)—GA 3.0° TCH 47'. Rgt tfc.**RWY 36:** REIL. PAPI(P4L)—GA 3.0° TCH 56'. Thld dsplcd 500'. P-line.**RUNWAY DECLARED DISTANCE INFORMATION****RWY 18:** TORA-5801 TODA-5801 ASDA-5801 LDA-5801**RWY 36:** TORA-5801 TODA-5801 ASDA-5801 LDA-5301**SERVICE:** S4 FUEL 100LL, JET A LGT ACTIVATE REIL Rwy 36; PAPI Rwy 18 and Rwy 36; HIRL Rwy 18-36—CTAF. Rwy 18 VGS1 lgts baffled byd 6 degs L of cntrln. Rwy 36 VGS1 lgts baffled due to trees & pwr ln twr byd 5 degs R of cntrln.**AIRPORT REMARKS:** Attended continuously. Deer and birds on and invof arpt. Twy D clsd. 748' electric transmission twrs running NE to SW 0.2 miles north of middle marker. PAEW vicinity Rwy 18-36 safety zone summer only SR-SS (mowing in progress daily). Arpt clsd to acr ops. TGL & PLA prohibited between 0400-1200Z†. Practice low apch Rwy 36 NA when Rwy 18 is active. All sod areas clsd. Rwy 36 calm wind rwy. TPA-1699 (973) for acft up to 12,500 lbs, 2199 (1473) acft over 12,500 lbs. Twy B, south of Twy G, reflectors only. Ldg fee for business, corporate and revenue producing acft. Steep drop off after safety area north and south of Twy A.**AIRPORT MANAGER:** 203-264-8010**WEATHER DATA SOURCES:** AWOS-3PT 132.975 (203) 262-1190.**COMMUNICATIONS:** CTAF 118.475 ATIS 132.975 203-262-1190 UNICOM 122.95

Ⓡ NEW YORK APP/DEP CON 124.075 135.1 CLNC DEL 135.1 (When OXC twr clsd)

TOWER 118.475 (1100-0200Z†) **GND CON** 121.65 **CLNC DEL** 121.65**CLEARANCE DELIVERY PHONE:** For CD when twr clsd ctc New York Apch at 516-683-2449.**AIRSPACE:** CLASS D svc 1100-0200Z†; other times CLASS G.**RADIO AIDS TO NAVIGATION:** NOTAM FILE BDR.**MADISON (L) (L) VOR/DME** 110.4 MAD Chan 41 N41°18.83' W72°41.53' 309° 22.3 NM to fld. 216/13W.

DME unusable:

330°-090° byd 30 NM blo 4,000'

ILS/DME 109.55 I-0XC Chan 32(Y) Rwy 36. Class IA. LOC unusable at thr abv 1,700'. LOC unusable byd DAAVY int I-0XC 6.5 DME abv 5,200'.

PLAINVILLE

ROBERTSON FLD (4B8) 2 N UTC-5(-4DT) N41°41.36' W72°51.88'

NEW YORK
L-33B, 34I

202 B TPA—See Remarks NOTAM FILE BDR

RWY 02-20: H3665X75 (ASPH) S-25 MIRL 0.4% up N

RWY 02: REIL. Trees.

RWY 20: REIL. Trees.

SERVICE: S4 FUEL 100LL, JET A OX3, 4 LGT ACTVT MIRL Rwy 02-20—CTAF. REIL Rwy 02 and 20 opr when rwy lgts on high intst.

NOISE: Noise abatement procs in efct. Ctc 1-800-573-5519 or 860-747-5519 for dtls.

AIRPORT REMARKS: Attended Mon-Fri 1300-0000Z, Sat-Sun 1300-2300Z. Ctn deer & birds on & invof arpt. TPA—1000(800) for acct less than 12,500 lbs, 1500(1300) for acct 12,500 lbs and above. Ldg fee for commercial and corporate acct only.

AIRPORT MANAGER: 860-747-5519

WEATHER DATA SOURCES: AWOS-3PT 119.175 (860) 351-5362.

COMMUNICATIONS: CTAF/UNICOM 122.8

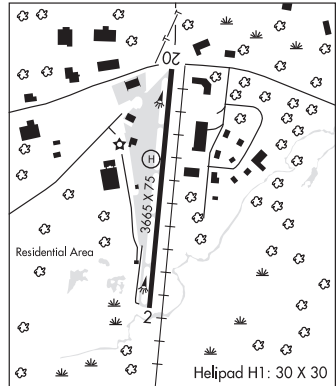
Ⓡ BRADLEY APP/DEP CON 123.95
CLNC DEL 134.5

CLEARANCE DELIVERY PHONE: For CD ctc Yankee Apch at 860-386-3597.

RADIO AIDS TO NAVIGATION: NOTAM FILE HFD.

HARTFORD (L) (L) VORW/DME 114.9 HFD Chan 96 N41°38.47' W72°32.85' 295° 14.6 NM to fld. 849/13W.

HELIPAD H1: H30X30 (ASPH)



PUTNAM

TOUTANT (C44) 6 NW UTC-5(-4DT) N41°57.34' W72°03.26'

NEW YORK

770 NOTAM FILE BDR

RWY 17-35: H1756X60 (ASPH) 0.9% up N

RWY 17: Trees.

RWY 35: Trees.

AIRPORT REMARKS: Attended irregularly. Arpt clsd SS-SR, no lights. Rwy 17-35 not plowed, no ski opns. Acft back taxi on rwy. 40' drop off at each rwy end.

AIRPORT MANAGER: 860-974-2099

COMMUNICATIONS: CTAF 122.9

CLEARANCE DELIVERY PHONE: For CD ctc Yankee Apch at 860-386-3597

PUTNAM N41°57.33' W71°50.65' NOTAM FILE BDR.

NEW YORK

(H) (H) VORW/DME 117.4 PUT Chan 121 211° 8.5 NM to Danielson. 652/14W.

H-10I, 11D, L-33C, 34J

DME unusable:
265°-301° byd 36 NM blo 3,000'

ROBERTSON FLD (See PLAINVILLE on page 40)

SALMON RIVER AIRFIELD (See MARLBOROUGH on page 37)

SIKORSKY HELIPORT (See STRATFORD on page 41)

SIMSBURY (4B9) 3 NE UTC-5(-4DT) N41°54.97' W72°46.62'

NEW YORK

195 NOTAM FILE BDR

RWY 03-21: H2205X50 (ASPH) S-25 RWY LGTS(NSTD)

RWY 03: Trees.

RWY 21: Thld dsplcd 270'. Trees.

SERVICE: S4 FUEL 100LL LGT Dust-Dawn ACTIVATE MIRL Rwy 03-21—CTAF. Rwy 03-21 NSTD MIRL, thld lgts green/green.

AIRPORT REMARKS: Attended 1330-2200Z. Deer and birds on and invof arpt—birds particularly in apch to Rwy 03. Rwy 03-21 safety barrier 15' NE thr barricade not lgtd. Rwy 03 has an up-hill grade.

AIRPORT MANAGER: 860-459-1575

COMMUNICATIONS: CTAF/UNICOM 122.7

CLEARANCE DELIVERY PHONE: For CD ctc Yankee Apch at 860-386-3597. If una, ctc FSS.

SKYLARK AIRPARK (See WAREHOUSE POINT on page 41)

STRATFORD
SIKORSKY HELIPORT (JSD)(KJSD) PVT 3 N UTC-5(-4DT) N41°14.84' W73°05.87'
 AIRSPACE: CLASS D svc 0800-SS Mon-Fri, 0800-SS Sat-Sun as required; other times CLASS G.

NEW YORK
L-33B, 34I
THOMASTON
NORTHFIELD HELIPORT (NØ9) 4 NW UTC-5(-4DT) N41°43.42' W73°06.94'
NEW YORK

903 NOTAM FILE BDR

HELIPAD HI: 100X100 (TURF)**HELIPORT REMARKS:** Unattended. VFR only. 30' poleline, 282' E of helipad. Recommended approach from north to south. 57' trees, 475' from center of helipad, approach ratio 8:1. Heli phys location 253 Newton Rd, Northfield, CT.**AIRPORT MANAGER:** 860-484-9597**COMMUNICATIONS:** CTAF 122.9**CLEARANCE DELIVERY PHONE:** For CD ctc Yankee Apch at 860-386-3597

TOUTANT (See PUTNAM on page 40)

TWEED/NEW HAVEN (See NEW HAVEN on page 38)

WAREHOUSE POINT
SKYLARK AIRPARK (7B6) 2 E UTC-5(-4DT) N41°55.71' W72°34.58'

NEW YORK
L-33C, 34I

120 NOTAM FILE BDR

RWY 10-28: H3242X60 (ASPH) S-9 LIRL(NSTD)**RWY 10:** Thld dsplcd 600'. P-line.**RWY 28:** Thld dsplcd 175'. Trees.**SERVICE:** S4 **FUEL** 100LL **LGT** Arpt lgts OTS indef. Rwy 10-28 NSTD LIRL, first 175' east end not lgtd. **ACTIVATE** LIRL Rwy 10-28—122.8.**AIRPORT REMARKS:** Attended dalgt hrs. Call first for availability of fuel. No ngt touch and go ldg. Bring tiedown ropes.**AIRPORT MANAGER:** (413) 537-5121**COMMUNICATIONS:** CTAF/UNICOM 122.8**CLEARANCE DELIVERY PHONE:** For CD ctc Yankee Apch at 860-386-3597**RADIO AIDS TO NAVIGATION:** NOTAM FILE HFD.**HARTFORD (L) (L) VORW/DME** 114.9 HFD Chan 96 N41°38.47' W72°32.85' 009° 17.3 NM to fld. 849/13W.

WATERBURY (N41) 4 N UTC-5(-4DT) N41°38.01' W73°02.81'
NEW YORK

850 NOTAM FILE BDR

RWY 17-35: 2005X135 (TURF)**RWY 17:** Trees.**RWY 35:** Trees.**RWY 02-20:** 1600X250 (TURF)**RWY 02:** Trees.**RWY 20:** Trees.**AIRPORT REMARKS:** Airport attended irregularly. Poor drainage ldg/taxi AER 35 winter months and after heavy rain. Turf rwys are soft during wet periods.**AIRPORT MANAGER:** 203-775-1604**COMMUNICATIONS:** CTAF 122.9**CLEARANCE DELIVERY PHONE:** For CD ctc Yankee Apch at 860-386-3597.

WATERBURY-OXFORD (See OXFORD on page 39)

WILLIMANTIC

WINDHAM (JJD)(KJD) 3 NE UTC-5(-4DT) N41°44.64' W72°10.81'

NEW YORK

246 B NOTAM FILE IJD

L-33C, 34I

RWY 09-27: H4271X100 (ASPH) S-30 MIRL

IAP

RWY 09: Thld dsplcd 258'. Trees.

RWY 27: REIL. Tree.

RWY 18-36: H2799X75 (ASPH) S-30 0.4% up S

RWY 18: Trees.

RWY 36: Thld dsplcd 799'. Trees.

SERVICE: S4 **FUEL** 100LL, JET A+ **LGT** ACTIVATE REIL Rwy 27; MIRL Rwy 09-27-CTAF.

AIRPORT REMARKS: Unattended. Self svc fuel credit card only. Jet A has ovr wing and snlg point nozzles. Birds on and invof arpt. 4 obstruction lgts on surrounding hills OTS indef. Ldg fee for business/corporate acft.

AIRPORT MANAGER: 860-982-2443

WEATHER DATA SOURCES: ASOS 133.675 (860) 456-8839.

COMMUNICATIONS: CTAF/UNICOM 122.975

Ⓡ **BRADLEY APP/DEP** 127.8

Ⓡ **BOSTON CENTER APP CON** 124.85 (Sun-Fri 0530-1030Z‡, Sat

0500-1030Z‡)

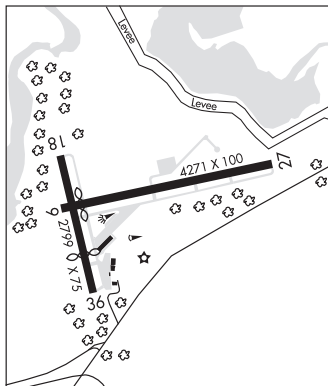
CLNC DEL 128.6

CLEARANCE DELIVERY PHONE: For CD ctc Yankee Apch at 860-386-3597.

RADIO AIDS TO NAVIGATION: NOTAM FILE BDR.

NORWICH (L) (L) VORW/DME 110.0 ORW Chan 37 N41°33.38' W71°59.96' 338° 13.9 NM to fld. 310/14W.

LOC/DME 108.35 I-IJD Chan 20(Y) Rwy 27. LOC unusable byd 20° right and left side of course. DME unusable by 12 NM.



WINDHAM (See WILLIMANTIC on page 42)

WINDSOR LOCKS

BRADLEY INTL (BDL)(KBDL) P (ANG ARNG) 3 W UTC-5(-4DT) N41°56.34' W72°41.06'

NEW YORK
H-101, 11D, 12K, L-33C, 34I
IAP, AD

173 B TPA—See Remarks LRA Class I, ARFF Index C NOTAM FILE BDL MON Airport

RWY 06-24: H9510X200 (ASPH-GRVD) S-200, D-200, 2S-175, 2D-350, 2D/2D2-710 PCN 71 F/B/X/T HIRL CL

RWY 06: ALSF2. TDZL. REIL. PAPI(P4L)—GA 3.0° TCH 71'. RVR-TMR Trees.

RWY 24: MALS. TDZL. PAPI(P4L)—GA 3.0° TCH 71'. RVR-TMR Trees.

RWY 15-33: H6847X150 (ASPH-GRVD) S-200, D-200, 2S-175, 2D-350 PCN 64 F/A/X/T HIRL

RWY 15: REIL. PAPI(P4L)—GA 3.5° TCH 61'. RVR-R Trees.

RWY 33: MALS. PAPI(P4R)—GA 3.0° TCH 72'. RVR-T Trees.

LAND AND HOLD—SHORT OPERATIONS

LDG RWY	HOLD—SHORT POINT	AVBL LDG DIST
RWY 24	15-33	5850
RWY 33	06-24	4550

RUNWAY DECLARED DISTANCE INFORMATION

RWY 06: TORA-9509 TODA-9509 ASDA-9509 LDA-9509
RWY 15: TORA-6847 TODA-6847 ASDA-6847 LDA-6847
RWY 24: TORA-9509 TODA-9509 ASDA-9509 LDA-9509
RWY 33: TORA-6847 TODA-6847 ASDA-6847 LDA-6847

SERVICE: S4 FUEL 100LL, JET A OX 1, 2, 3, 4 LGT Unmonitored when afld clsd. Afld ops ltd to tenant acft when afld clsd. **MILITARY—JASU** (MD)-3 FUEL A++ (Mil) A, A+ (C860-627-3300.) (NC-100LL) FLUID SP LUX OIL O-128-133-148 (Mil) SOAP

AIRPORT REMARKS: Attended continuously. Numerous birds freq on or invof arpt. No trng flts, no practice apchs, no touch and go lds btn Mon-Sat 0400-1200Z† and Sun 0400-1700Z†. BASH Phase II increased bird activity Sep-Oct and Mar-Apr. Solar panel farm located 1.5 miles south of Rwy 33 thld. All acft overflight of solar farm will be at or above 500' AGL. Rwy 6 de-ice pad clsd to acft with wingspan 171' or grt exc with follow-me escort by arpt ops. Parl twy ops on Twy C and Twy B rstrd to acft with wingspans of 171' or less. Twy D clsd btn S and D1 to acft with wing spans in excess of 170'. Twy C btn Twy B and Twy C4 acft tax spd rstrn of 8 kts/10 mph max for acft with wingspan 214' or grt. ASDE-X in use. Operate transponders with altitude reporting mode and ADS-B (if equipped) enabled on all airport surfaces. TPA—1873(1700) heavy acft. Fixed wing acft use low idle for taxi, no engine checks or power runs allowed on the Rwy 06-24 245' by 200' blast pad SW end. Rwy 15-33 100' by 200' blast pad SE end. Lgtd obst ant 36' AGL/205' MSL (Rwy 24 ILS/GS Ant) 162' NW of Twy C cntrln marking btn Twy B and Twy C4. Non-based dvrsn acrs ctc arpt ops 860-627-3001 prior to divg & prvd co fit ops ctc info, acft type, POB, intl or dom flt & gnd ops agrmts. Only 1 intl acr jet bridge avbl for pax. Ldg fee for business, corporate and revenue producing acft. Flight Notification Service (ADCUS) avbl.

AIRPORT MANAGER: 860-292-2000

WEATHER DATA SOURCES: ASOS 118.15 (860) 386-3480. WSP.

COMMUNICATIONS: D-ATIS 118.15 (860-386-3570) UNICOM 122.95

Ⓡ **BRADLEY APP/DEP CON** 123.95 (061°-240°) 125.35 (241°-060°) 127.225

TOWER 120.3 **GND CON** 121.9 **CLNC DEL** 121.75

CPDLC (LOGON KUSA)

PDC

AIRSPACE: CLASS C svc ctc **APP CON.**

VOR TEST FACILITY (VOT) 111.4

RADIO AIDS TO NAVIGATION: NOTAM FILE HFD.

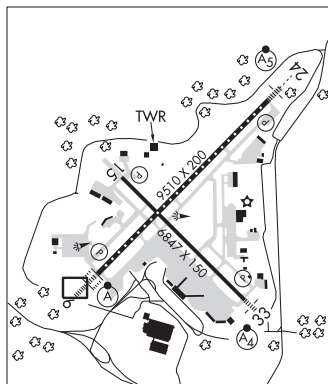
HARTFORD (L) (L) VOR/W/DME 114.9 HFD Chan 96 N41°38.47' W72°32.85' 354° 18.9 NM to fld. 849/13W.

ILS/DME 111.1 I-BDL Chan 48 Rwy 06. Class IIIE.

ILS/DME 111.1 I-MYQ Chan 48 Rwy 24. Class IIE. DME unusable fm .4 NM inbd to Rwy 24.

ILS/DME 108.55 I-IKX Chan 22(Y) Rwy 33. Class IE.

ASR



YALESVILLE HELIPORT (4C3) 2 N UTC-5(-4DT) N41°29.51' W72°48.67'

NEW YORK

65 NOTAM FILE BDR

HELIPAD HL: H65X65 (CONC)

HELIPORT REMARKS: Attended Mon-Fri 1330-2200Z†. Helipad CLOSED perm.

AIRPORT MANAGER: 800-234-3119

COMMUNICATIONS: CTAF/UNICOM 123.05

ALBANNA AVIATION (See FELTON on page 47)

CHANDELLE (See DOVER on page 44)

CHORMAN (See FARMINGTON on page 47)

DELAWARE AIRPARK (See DOVER/CHESWOLD on page 46)

DELAWARE COASTAL (See GEORGETOWN on page 47)

DELDOT HELISTOP HELIPIRT (See DOVER on page 44)

DOVER

CHANDELLE (ØN4) 3 NE UTC-5(-4DT) N39°12.14' W75°29.13' WASHINGTON
 22 B NOTAM FILE MIV
RWY 04-22: H2533X28 (ASPH) LIRL
RWY 04: Thld dsplcd 539'. Trees.
RWY 22: Thld dsplcd 538'. Trees.
SERVICE: S4 FUEL 100LL, MOGAS LGT ACTVT LIRL Rwy 04-22 and rotating bcn—122.7.
AIRPORT REMARKS: Attended Mon-Fri 1300-2100Z±, Sat-Sun on call. For svcs call (302) 287-9623. For svcs after hours call (302) 287-9623. Heavy bird activity on and invof arpt Oct-Feb. Rwy 04 dsplcd thld marked with white line, dashed white lines leading to displaced thld is faded. Rwy 22 dsplcd thld marked with white line, dashed white lines leading to dsplcd thld is faded. Rwy 04-22 has vertical, horizontal and alligator cracking. Tree trimming on rwy end 04 cmpltld. Tree removal on rwy end 22 on-going.
AIRPORT MANAGER: 302-287-9623
COMMUNICATIONS: CTAF/UNICOM 122.8
CLEARANCE DELIVERY PHONE: For CD ctc Washington ARTCC at 703-771-3587.

DELDOT HELISTOP HELIPIRT (ØN5) 0 N UTC-5(-4DT) N39°08.97' W75°30.30' WASHINGTON
 30 NOTAM FILE MIV
HELIPAD H1: H60X60 (CONC) PERIMETER LGTS
SERVICE: LGT ACTIVATE perimeter lgts—CTAF.
HELIPORT REMARKS: Attended Mon-Fri 1300-2130Z±. Located ESE Dover. Unmarked/unlgtgd 40' P-lines 0.1 mile E. Ingress and egress is NW and SE, shutdown zone area 60' X60'. Helipad H1 paint chipping; tlof size and wt lmt box unrdbl.
AIRPORT MANAGER: 302-760-2145
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Washington ARTCC at 703-771-3587.

DOVER AFB (DOV)(KDOV) MIL/CIV AF 3 E UTC-5(-4DT) N39°07.77' W75°27.96' WASHINGTON
 29 B TPA—See Remarks LRA Class IV, ARFF Index A NOTAM FILE DOV H-101, 121, L-34F, A
RWY 14-32: H12903X150 (ASPH-CONC-GRVD) PCN 105R/B/W/T HIRL DIAP, AD
RWY 14: PAPI(P4L)—GA 3.0° TCH 78'. Thld dsplcd 4251'.
RWY 32: REIL. PAPI(P4L)—GA 2.93° TCH 69'.
RWY 01-19: H9602X150 (CONC-GRVD) PCN 150R/A/W/T HIRL CL
RWY 01: ALSF2. TDZL. PAPI(P4L)—GA 3.0° TCH 75'. RVR-T
RWY 19: ALSF1. REIL. PAPI(P4L)—GA 3.0° TCH 75'. RVR-T
SERVICE: S4 FUEL JET A+, J8 OX2, 4 MILITARY—JASU (Adapters not avbl.) 3(MA-1A) (M32A-86) FUEL A+, J8 FLUID SP
 PRESAIR LPOX LOX OIL 0-133-148 SOAP TRAN ALERT Opr H24.
NOISE: Noise abatement: Strict compliance with procedure rqr.

CONTINUED ON NEXT PAGE

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MILITARY REMARKS: See FLIP AP/1 Supplementary Arpt Information. **RSTD** Contact airfield management DSN 445-2861 for bird watch conditions (BWC). Non-DOD civil acft ops 72 hr PPR by ctc C302-571-6375. PPR exc AMC, Special Air Mission, DoD courier svc, and evacuation msn DSN 445-2861. All acft with hazardous material/rqr remote/isolated parking will ctc 436 airborne pulse search. Explosive Handling Section DSN 445-2304 1230-2130Z± or ATOC Duty Officer DSN 445-2300 2130-1230Z± for PPR. Base OPS DSN 445-2861/4192, C302-677-2861/4192. All inbnd pax/cargo acft must ctc Comd Post no later than 30 min prior to ldg. Rwy 32 tkf distance avbl 10,070'. Acft taxiing out of main ramp using taxi lane L btn Delta row and spot Echo must use minimum power and in-board engine only (C5 acft should not exceed 40 percent N1 RPM) when turning onto taxi lane A. Dignified transfer missions contact 436 AW/CP for advance coordination and to obtain a current copy of DT aircrew brochure. **CAUTION** Possible jet wake turbulence in tfc pat and C5 jet blast dur gnd opr. High speed, low alt heavy jet tfc within 10 NM. Five civ arpt lctd within 10 NM radius. Special haz exist for wide body acft taxiing from ramp. Follow me truck rqr for all movements on ramp by non C5 tran acft, tran C5 follow me svc avbl on req. Tree line east of Rwy 19 apch end may cause wind shear during ldg when wind is from southeast. Breaking action less than optimum when rwy is wet due to rubber build-up. Nstd mrk-C17 star turn mrk lctd on Twy A at int of Twy D (2 white stripes 100' apart, 190' length x 1' wide. C17 backing demonstration zone mrk on Twy C btn Rwy 14-32 and Twy B. Mrk will be white and vary in width and geometry. C-17 acft wingtip trng lines on taxi lane L in front of prk spot E. C-5 acft wingtip trng lines on taxi lane L btn prk spot D2 and E. C-5 and C-17 wing tip trng sign lctd off of Twy G. Signs depict 10 ft and 25 ft wing tip clnc. Sfc painted apr entrance point markings exist on haz cargo ramp, south ramp and Christmas tree ramp. Twy D btn Rwy 01-19 and haz cargo pad does not have shoulder markings. **TFC PAT** TPA—Rectangular 1500(1471), overhead 2500(2471). Aero Club/gt acft 1000(971). **MISC** Rwy Cond Code (RwyCC) not reported. USAF ARFF meets all emerg response times. ARFF is Cat 6 firefighting agent (12.1K) level with NFPA Cat 10 staffing level (13). Sufficient capability is provided for initial response, scene assessment and implementation of mitigation tactics. All acft must understand interior firefighting and rescue svc could be potentially delayed. Twy D edge lgt 40' from twy edge between Rwy 32 hold line and Rwy 01-19. Rwy 32 first 2000', middle 1500' 1000' southeast of Twy C and last 1000' conc, remainder of rwy asph. First 4250' Rwy 14 and first 1650' Rwy 32 grvd conc, middle 7000' asph. Rwy 32 winds derived from AER 01. Rwy 14 winds derived from AER 19. ARFF steady state is optimum level of svc for all acft category with 12,900 gallons of agent and 18 persons. ARFF index applies only to the Dover Civil Air Patrol terminal. 72 hrs PPR is rqr for all civ acft ops that need to use the Dover Civil Air terminal, call 302-736-6614. Afd management has ltd amount of storage for classified material. Size ltd to small backpacks or smaller only. Base opr has ltd amount of storage for classified material, size ltd to small backpack or smaller only. Base OPS has no COMSEC to tran aircrews. Tran aircrews should plan to arrive with appropriate amount of COMSEC to complete entire msn. Rwy 32 assault ldg zone (ALZ) nstd afd mark consisting of white box (500'X90') beginning 500' from thld with white bar 3000' from end of box. Afd is TERPS from sfc (grd level), DER crossing hgt 0'. B747 (all series) must arr with tow bar.

AIRPORT MANAGER: 302-677-4183

COMMUNICATIONS: D-ATIS 127.825 273.5 DSN 445-2847 269.125 **PTD** 372.2 (Thru Comd Post)

SMYRNA RCO 122.5 (MILLVILLE RADIO)

Ⓡ **APP CON** 132.425 135.15X 257.875 (VFR sequencing svc 25 NM out on 125.9 282.325)

TOWER 126.35 279.625 **GND CON** 118.875 225.4 **CLNC DEL** 125.55 289.4

Ⓡ **DEP CON** 134.425 257.875 323.0

COMD POST 349.4 (Call sign First Ops) **PMSV METRO** 342.0 Wx fit DSN 445-4175/4176, C302-677-4175/4176. If fcstr is out of office and does not answer on UHF ctc comd post DSN 445-4201, C302-677-4201 for fone patch. If fone patch fails, ctc fcstr on sby fone C302-363-7779. Jet Side service 1-stop shop prints Integrated FMS crew packages. Bldg obst may impact prevailing visibility 150°-260°. Dur evac of Wx Ft ctc 15 OWS at number above. Alternate wx location visibility slightly ltd due to bldg and parked acft. ATC will supplement obsn as needed.

AIRSPACE: CLASS D.

RADIO AIDS TO NAVIGATION: NOTAM FILE MIV.

SMYRNA (L) VORTACW 111.4 ENO Chan 51 N39°13.90' W75°30.96' 168° 6.6 NM to fld. 15/9W.

TACAN AZIMUTH unusable:

140°-150° byd 36 NM blo 2,000'

200°-300° byd 36 NM blo 3,000'

VOR unusable:

159°-169° blo 3,000'. 325-335 byd 15NM blo 4,900'

DME unusable:

140°-150° byd 36 NM blo 2,000'

200°-300° byd 36 NM blo 3,000'

(T) **TACAN** Chan 37 DOV (110.0) N39°07.94' W75°28.04' at fld. 17/12W. NOTAM FILE DOV.

No NOTAM MP: 0500-1100Z± Wed (2000/2+1)

TACAN AZIMUTH unusable:

095°-105° byd 13 mn blo 3,000'

military use: No NOTAM MP: 0500-1100Z± Mon-Fri (1000/3+1)

ILS 109.95 I-DOV Rwy 01. Class IIE. ILS/Radar-ILS: Caution Rwy 19: ILS TCH 43'. Hgt gp 4 (A300, B1, B747/767/777, C5, DC10, E4, KC10, VC25) WCH 18'. MP by NOTAM: (1,000/3+1).

ILS 111.9 I-LIR Rwy 19. Class IE. ILS WHEEL crossing height data: GROUP 4 (18.1ft). MP by NOTAM: (1,000/3+1).

COMM/NAV/WEATHER REMARKS: Radar: No-NOTAM MP: 0500-1100Z± Mon-Fri (1000/3+1).

DOVER/CHESWOLD**DELAWARE AIRPARK** (33N) 1 W UTC-5(-4DT) N39°13.12' W75°36.03'

55 B NOTAM FILE MIV

RWY 09-27: H4201X75 (ASPH-GRVD) S-38.5, D-56.5

PCN 14 F/C/X/T MIRL

RWY 09: REIL. PAPI(P2L)—GA 3.0° TCH 43'.**RWY 27:** REIL. PAPI(P2L)—GA 3.0° TCH 43'.**SERVICE:** FUEL 100LL LGT ACTIVATE REIL Rwy 09 and Rwy 27,
MIRL Rwy 09-27—CTAF.**AIRPORT REMARKS:** Attended 1330-2130Z†. Deer and birds on and invof
arpt. Sgfmt fixed wing and heli acft flt trg invof airpark. 24 hr self-svc
credit card fuel avbl. Arpt conditions unmonitored between
2130-1330Z†. Rwy 27 calm wind rwy. Acft not visible on opposite
end of rwy due to gradient. Mowing ops conducted Apr-Oct
1200-2000Z†. Acft un ops due to size or facilities altn is Dover AFB
Civil Air Terminal, PPR rqr 302-571-6375. Tran acft prkg N trml
bldg. Addnl tran prkg on aprn W of T-hngrs. E aprn clsd to tran prkg.**AIRPORT MANAGER:** (302) 571-6312**WEATHER DATA SOURCES:** AWOS-3 120.125 (302) 571-6012.**COMMUNICATIONS:** CTAF/UNICOM 123.075

SMYRNA RCO 122.5 (MILLVILLE RADIO)

® DOVER APP/DEP CON 132.425 CLNC DEL 125.55

CLEARANCE DELIVERY PHONE: For CD ctc Washington ARTCC at
703-771-3587.**RADIO AIDS TO NAVIGATION:** NOTAM FILE MIV.**SMYRNA (L) (L) VORTACW** 111.4 ENO Chan 51 N39°13.90' W75°30.96' 268° 4.0 NM to fld. 15/9W.

TACAN AZIMUTH unusable:

140°-150° byd 36 NM blo 2,000'

200°-300° byd 36 NM blo 3,000'

VOR unusable:

159°-169° blo 3,000 . 325-335 byd 15NM blo 4,900'

DME unusable:

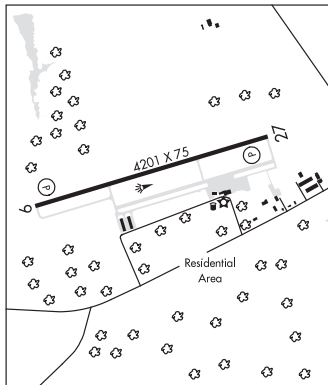
140°-150° byd 36 NM blo 2,000'

200°-300° byd 36 NM blo 3,000'

WASHINGTON

L-34F, A

IAP

**DUPONT** N39°40.69' W75°36.43' NOTAM FILE MIV.**(L) (L) VORTAC** 114.0 DQO Chan 87 at New Castle. 70/10W.

VOR unusable:

230°-265° byd 20 NM

TACAN AZIMUTH unusable:

230°-265° byd 20 NM

DME unusable:

230°-265° byd 20 NM

RCO 122.1R 114.0T (MILLVILLE RADIO)

WASHINGTON

H-101, L-34G, A

FARMINGTON

CHORMAN (D74) 2 SW UTC-5(-4DT) N38°50.97' W75°36.77'

WASHINGTON
L-34F, 36J, A

66 B NOTAM FILE MIV
RWY 16-34: H3588X37 (ASPH) LIRL
RWY 16: REIL.

RWY 34: REIL. Thld dsplcd 438'. Pole.

SERVICE: S4 LGT For rotating bcn call 302-349-5055 or 645-9225. For LIRL Rwy 16-34 and REIL Rwy 16 and Rwy 34 call 302-349-5055 or 645-9225.

AIRPORT REMARKS: Attended Mon-Fri 1330Z±-dusk. AG spraying activity on and invof arpt. Loading pad adjacent to east side Rwy 34.

AIRPORT MANAGER: 302-349-5055

COMMUNICATIONS: CTAF 122.9

CLEARANCE DELIVERY PHONE: For CD ctc Washington ARTCC at 703-771-3587.

RADIO AIDS TO NAVIGATION: NOTAM FILE MIV.

WATERLOO (L) (L) VOR/DME 112.6 ATR Chan 73 N38°48.59' W75°12.68' 286° 19.0 NM to fld. 5/9W.

DME unusable:

179°-293° byd 30 NM blo 2,000'

VOR unusable:

345°-010°

FELTON

ALBANNA AVIATION (ØN6) 2 NE UTC-5(-4DT) N39°00.77' W75°32.04'

WASHINGTON

50 NOTAM FILE MIV

RWY 15-33: 2048X40 (TURF)

RWY 15: Bldg.

RWY 33: Trees.

SERVICE: S4

AIRPORT REMARKS: Attended Mon-Fri 1300-2200Z±.

AIRPORT MANAGER: 410-535-2045

COMMUNICATIONS: CTAF/UNICOM 123.0

CLEARANCE DELIVERY PHONE: For CD ctc Washington ARTCC at 703-771-3587.

GEORGETOWN

DELAWARE COASTAL (GED)(KGED) 2 SE UTC-5(-4DT) N38°41.26' W75°21.56'

WASHINGTON

53 B LRA NOTAM FILE GED

H-10I, 12I, L-34F, 36J, A
IAF

RWY 04-22: H5500X150 (ASPH-GRVD) S-50, D-175 PCN 43 F/A/X/T

MIRL

RWY 04: MALS. REIL. PAPI(P4L)—GA 3.0° TCH 45'. Thld dsplcd 370'.
Trees.

RWY 22: REIL. PAPI(P4L)—GA 3.0° TCH 45'. Thld dsplcd 169'.

RWY 10-28: H3109X75 (ASPH) S-50, D-91 PCN 36 F/A/X/T MIRL

RWY 10: REIL. PAPI(P2L)—GA 3.5° TCH 46'.

RWY 28: REIL. PAPI(P2L)—GA 3.0° TCH 40'.

SERVICE: S4 FUEL 100LL, JET A LGT ACTVT MALS Rwy 04; REIL Rwy 04, 22, 10, 28; MIRL Rwy 04-22 and 10-28—CTAF.

AIRPORT REMARKS: Attended 1300-2300Z±. Arpt unattended Thanksgiving Day and Christmas Day. Birds, deer, and other wildlife invof rwy. FBO hrs 1300-2100Z±. For svc/fuel aft hrs call 302-855-2355. PAEW within safety area of rwy and twys. U.S. Customs 72 hrs notice required ctc (302) 855-2355.

AIRPORT MANAGER: 302-855-7774

WEATHER DATA SOURCES: ASOS 118.375 (302) 855-1052.

COMMUNICATIONS: CTAF/UNICOM 123.0

WATERLOO RCO 122.1R 112.6T (MILLVILLE RADIO)

Ⓡ DOVER APP/DEP CON 132.425

CLEARANCE DELIVERY PHONE: For CD if Dover Apch una via GCO, ctc Washington ARTCC at 703-771-3587.

RADIO AIDS TO NAVIGATION: NOTAM FILE MIV.

WATERLOO (L) (L) VOR/DME 112.6 ATR Chan 73 N38°48.59' W75°12.68' 233° 10.1 NM to fld. 5/9W.

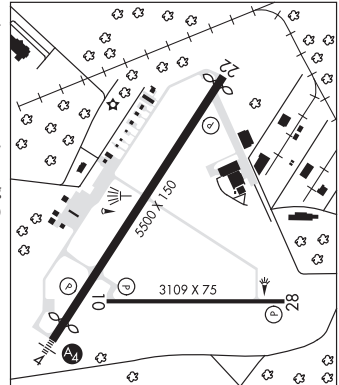
DME unusable:

179°-293° byd 30 NM blo 2,000'

VOR unusable:

345°-010°

COMM/NAV/WEATHER REMARKS: GCO avbl on freq 125.55.



HADIN N39°34.88' W75°36.84' NOTAM FILE ILG.
NDB (LOMW) 248 IL 013° 5.9 NM to New Castle. 21/10W.

WASHINGTON
L-34G

JENKINS (See WYOMING on page 51)

LAUREL (NØ6) 1 SW UTC-5(-4DT) N38°32.53' W75°35.66'
30 B NOTAM FILE MIV

WASHINGTON
L-34F, 36I, A
IAP

RWY 15-33: 3175X270 (TURF) LIRL

RWY 15: Trees.

RWY 33: Thld dsplcd 270'. Tree.

SERVICE: LGT ACTIVATE LIRL Rwy 15-33—CTAF. ACTIVATE rotating bcn—CTAF

AIRPORT REMARKS: Attended 1300Z±-dusk. Parachute Jumping. Aprt no longer hosts skydiving ops. Rwy 33 dsplcd thld marked with 3 large orange cones each side.

AIRPORT MANAGER: 302-349-5055

COMMUNICATIONS: CTAF/UNICOM 122.8

® **PATUXENT APP/DEP CON** 127.95 (1200-0400Z± Mon-Sun. Other times by NOTAM) other times ctc

® **POTOMAC APP/DEP CON** 127.2

CLEARANCE DELIVERY PHONE: For CD ctc Patuxent Apch at 301-342-3740, when Patuxent Apch is clsd ctc Potomac Apch at 866-640-4124.

RADIO AIDS TO NAVIGATION: NOTAM FILE SBY.

SALISBURY (L) (L) VORTACW 111.2 SBY Chan 49 N38°20.70'
W75°30.63' 354° 12.5 NM to fld. 48/12W.

VOR unusable:

007°-026° byd 20 NM blo 7,000'

027°-089° byd 13 NM blo 5,000'

090°-110° byd 20 NM blo 5,000'

111°-113° byd 19 NM blo 5,000'

114°-120° byd 16 NM blo 5,000'

261°-285° blo 6,000'

294°-007° blo 5,000'

TACAN AZIMUTH unusable:

009°-055° byd 20 NM

261°-285° blo 6,000'

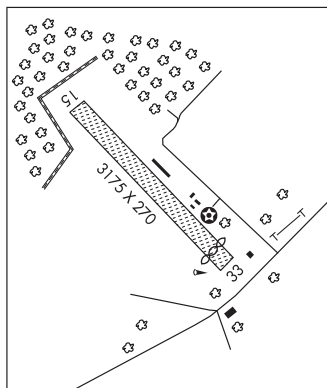
294°-007° blo 5,000'

DME unusable:

009°-055° byd 20 NM

261°-285° blo 6,000'

294°-007° blo 5,000'



MIDDLETOWN

SUMMIT (EYV)(KEYV) 5 N UTC-5(-4DT) N39°31.26' W75°43.42'

WASHINGTON
L-34G, A
IAP

70 B NOTAM FILE MIV

RWY 17-35: H4488X65 (ASPH) MIRL

RWY 17: REIL. PAPI(P4R)—GA 3.0° TCH 41'. Trees.

RWY 35: REIL. PAPI(P4L)—GA 3.0° TCH 41'.

RWY 11-29: 3601X200 (TURF) LIRL

RWY 11: REIL. Tree.

RWY 29: REIL.

SERVICE: S4 **FUEL** 100LL, JET A **OX2** **LGT** LIRL Rwy 11-29 OTS indef. REIL Rwy 11 and Rwy 29 OTS indef. **ACTIVATE** LIRL and REIL Rwy 11-29-123.5.

AIRPORT REMARKS: Attended 1200-0000Z±. Rwy 11-29 clsd for night ops. Extensive medium/heavy helicopter training in progress all hrs on and invof arpt, high rotor down wash velocities. When CH47 helicopters opr, req advisories on UNICOM. South end of parking ramp and mid-flt twy clsd.

AIRPORT MANAGER: 302-834-5400

WEATHER DATA SOURCES: AWOS-3 132.325 (302) 378-2063.

COMMUNICATIONS: CTAF/UNICOM 122.725

Ⓡ **PHILADELPHIA APP/DEP CON** 118.35

CLEARANCE DELIVERY PHONE: For CD ctc Philadelphia Apch at 800-354-9884.

RADIO AIDS TO NAVIGATION: NOTAM FILE MIV.

DUPONT (L) (L) VORTAC 114.0 DQO Chan 87 N39°40.69' W75°36.43' 220° 10.9 NM to fld. 70/10W.

VOR unusable:

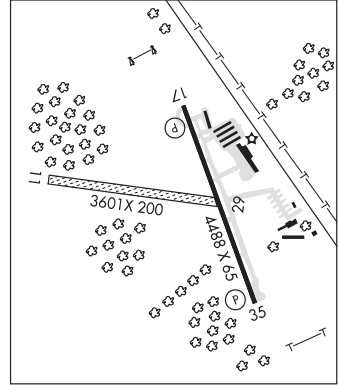
230°-265° byd 20 NM

TACAN AZIMUTH unusable:

230°-265° byd 20 NM

DME unusable:

230°-265° byd 20 NM



NEW CASTLE (See WILMINGTON on page 50)

SMYRNA (38N) 1 E UTC-5(-4DT) N39°18.22' W75°35.03'

WASHINGTON

18 B NOTAM FILE MIV

RWY 10-28: 2600X125 (TURF) LIRL

RWY 10: REIL. Trees.

RWY 28: REIL. Trees.

SERVICE: **FUEL** 100LL, MOGAS **LGT** **ACTIVATE** LIRL Rwy 10-28 dusk-0500Z±—CTAF. LIRL Rwy 10-28 OTS indefly.

AIRPORT REMARKS: Attended irregularly. Migratory water fowl on and in vicinity of arpt Oct-Feb. Rwy 10-28 rolling sfc.

AIRPORT MANAGER: 302-653-7645

COMMUNICATIONS: CTAF/UNICOM 122.8

CLEARANCE DELIVERY PHONE: For CD ctc Washington ARTCC at 703-771-3587.

SMYRNA N39°13.90' W75°30.96' NOTAM FILE MIV.

WASHINGTON

(L) (L) VORTACW 111.4 ENO Chan 51 268° 4.0 NM to Delaware Airpark. 15/9W.

H-10I, L-34F, A

TACAN AZIMUTH unusable:

140°-150° byd 36 NM blo 2,000'

200°-300° byd 36 NM blo 3,000'

VOR unusable:

159°-169° blo 3,000 . 325-335 byd 15NM blo 4,900'

DME unusable:

140°-150° byd 36 NM blo 2,000'

200°-300° byd 36 NM blo 3,000'

RCO 122.5 (MILLVILLE RADIO)

SUMMIT (See MIDDLETOWN on page 49)

WATERLOO N38°48.59' W75°12.68' NOTAM FILE MIV.

WASHINGTON

(L) (L) VOR/DME 112.6 ATR Chan 73 233° 10.1 NM to Delaware Coastal. 5/9W.

H-10I, L-34F, 36I, A

DME unusable:

179°-293° byd 30 NM blo 2,000'

VOR unusable:

345°-010°

RCO 122.1R 112.6T (MILLVILLE RADIO)

WILMINGTON

NEW CASTLE (ILG)(KILG) P (ANG ARNG) 4 S UTC-5(-4DT) N39°40.72' W75°36.40'

WASHINGTON

H-101, 12J, L-34G, A
IAP, AD

80 B LRA Class I, ARFF Index B NOTAM FILE ILG

RWY 09-27: H7275X150 (ASPH-GRVD) S-120, D-250, 2S-175,

2D-524, 2D/2D2-1034 PCN 64 F/A/W/T HIRL

RWY 09: REIL. PAPI(P4L)—GA 3.0° TCH 61'. Trees.

RWY 27: REIL. PAPI(P4L)—GA 3.0° TCH 54'. Trees.

RWY 01-19: H7012X150 (ASPH-GRVD) S-120, D-250, 2S-175,

2D-550, 2D/2D2-1056 PCN 66 F/A/W/T HIRL

RWY 01: MALS. RVR-T Road.

RWY 19: REIL. PAPI(P4L)—GA 3.0° TCH 55'. RVR-R Trees.

RWY 14-32: H4602X150 (ASPH) S-111, D-181, 2D-328,

2D/2D2-763 PCN 43 F/A/X/T MIRL

RWY 14: Trees.

RWY 32: VASI(V4L)—GA 3.0° TCH 28'.

LAND AND HOLD—SHORT OPERATIONS

LDG RWY	HOLD—SHORT POINT	AVBL LDG DIST
RWY 01	09-27	4050
RWY 14	RWY 01-19	4450
RWY 19	14-32	5750
RWY 32	09-27	3600

RUNWAY DECLARED DISTANCE INFORMATION

RWY 01: TORA-7012 TODA-7012 ASDA-7012 LDA-7012

RWY 09: TORA-7275 TODA-7275 ASDA-7000 LDA-7000

RWY 14: TORA-4602 TODA-4602 ASDA-4602 LDA-4602

RWY 19: TORA-7012 TODA-7012 ASDA-7012 LDA-7012

RWY 27: TORA-7275 TODA-7275 ASDA-7000 LDA-7000

RWY 32: TORA-4602 TODA-4602 ASDA-4602 LDA-4602

ARRESTING GEAR/SYSTEM

RWY 19: EMAS

SERVICE: S4 FUEL 100LL, JET A OX 1, 2, 3, 4 LGT When twr clsd ACTVT MALS. Rwy 01; REIL Rwy 09, Rwy 27 and Rwy 19; PAPI Rwy 09 and Rwy 27; HIRL Rwy 01-19 and Rwy 09-27; MIRL Rwy 14-32—CTAF.

AIRPORT REMARKS: Attended continuously. Birds on and in/ov arpt. Rwy 09-27 no touch and go ldg for turbo jet 0400-1200Z±. When twr clsd, pilots must announce intentions over CTAF before ldg, tkf or gnd travel on rwys and twys. When twr clsd announce emergencies on CTAF directly to ARFF station. Rwy 01 5000 ft dist rming sign misg. Rwy 09 2000 ft dist rming sign misg. Rwy 27 5000 ft dist rming sign misg. Rwy 14-32 clsd to sked air carrier ops with more than 9 pax seats and non sked air carrier ops with more than 30 pax seats exc for taxi. Terminal apron clsd exc air carrier. Private gnd vehicles cross Twy A between Twy A4 and Twy C. Taxilane G northwest of Twy H ltd to acft with wingspan of 79' or less. Taxilane G section between Twy H and Twy G1 ltd to acft with wingspan of 49' or less. Terminal apron fence line 118 ft E of Twy A centerline. Rwy 14-32 NSTD mil assault ldg zone (ALZ) lggt. Ldg fee for all acft over 7,500 lbs exc federal government and Mil.

AIRPORT MANAGER: (302) 229-6315

WEATHER DATA SOURCES: ASOS 123.95 (302) 328-1536.

COMMUNICATIONS: CTAF 126.0 ATIS 123.95 UNICOM 122.95

DUPONT RCO: 122.1R 114.0T (MILLVILLE RADIO)

® PHILADELPHIA APP/DEP CON 118.35

WILMINGTON TOWER 126.0 (1130-0400Z±) GND CON 121.7 CLNC DEL 119.95

CLEARANCE DELIVERY PHONE: For CD when ATCT is clsd ctc phl Apch at (800) 354-9884.

AIRSPACE: CLASS D svc 1130-0400Z±; other times CLASS E.

RADIO AIDS TO NAVIGATION: NOTAM FILE MIV.

DUPONT (L) VORTAC 114.0 DQO Chan 87 N39°40.69' W75°36.43' at fld. 70/10W.

VOR unusable:

230°-265° byd 20 NM

TACAN AZIMUTH unusable:

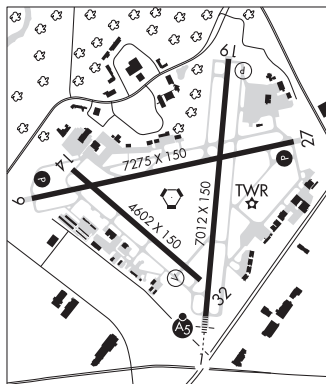
230°-265° byd 20 NM

DME unusable:

230°-265° byd 20 NM

HADIN NDB (LOMW) 248 IL N39°34.88' W75°36.84' 013° 5.9 NM to fld. 21/10W. NOTAM FILE ILG.

ILS 110.3 I-ILG Rwy 01. Class IA. LOM HADIN NDB.



WYOMING**JENKINS** (15N) 1 W UTC-5(-4DT) N39°07.04' W75°35.07'**WASHINGTON**

53 B NOTAM FILE MIV

RWY 12-30: 2035X70 (TURF) 0.4% up SE**RWY 12:** Trees.**RWY 30:** Trees.**SERVICE:** S4 LGT ACTIVATE rotating bcn—122.8.**AIRPORT REMARKS:** Attended continuously.**AIRPORT MANAGER:** 302-697-7743**COMMUNICATIONS:** CTAF/UNICOM 122.8**CLEARANCE DELIVERY PHONE:** For CD ctc Washington ARTCC at 703-771-3587.

MANASSAS RGNL/HARRY P DAVIS FLD (See WASHINGTON on page 52)

RONALD REAGAN WASHINGTON NTL (See WASHINGTON on page 53)

SOUTH CAPITOL STREET HELIPORT (See WASHINGTON on page 54)

WASHINGTON
MANASSAS RGNL/HARRY P DAVIS FLD (HEF)(KHEF) 28 WSW UTC-5(-4DT)

WASHINGTON

N38°43.26' W77°30.91'

192 B TPA—See Remarks LRA NOTAM FILE HEF

RWY 16L-34R: H6200X100 (ASPH-GRVD) S-50, D-140 HIRL

RWY 16L: MALSR. PAPI(P4L)—GA 3.0° TCH 55'. Trees.

RWY 34R: MALSF. PAPI(P4L)—GA 3.0° TCH 40'. Trees. Rgt tfc.

RWY 16R-34L: H3715X75 (ASPH) S-12.5 MIRL 0.3% up N

RWY 16R: REIL. PAPI(P2L)—GA 3.0° TCH 54'. Tree. Rgt tfc.

RWY 34L: REIL. PAPI(P2L)—GA 3.0° TCH 43'. Trees.

SERVICE: S4 FUEL 100LL, JET A OX 1, 2, 4 LGT When ATCT clsd actvt MALSR Rwy 16L; MALSF Rwy 34R; REILS Rwy 16R & 34L; HIRL Rwy 16L-34R, MIRL Rwy 16R-34L—CTAF.

NOISE: Helicopter ops over residential areas blw 1000 ft should be avoided; ctc amgr 703-361-1882 for info.

AIRPORT REMARKS: Attended 1130-0330Z±. Birds and deer on and invtd arpt. TPA—1200(1008) single engine and light twin acft, 1500(1308) med twin and turboprop acft, 1000(808) helicopter. Twy B safety area wid 44' laterally east side fm Twy E to Twy G. U.S. Customs avbl Mon-Sun 1000-0400Z±. Call Command Center 703-661-2800 for appointment. 24 hr notice required. All weekend flights must be arranged before 2200Z± on Fri before. Terminal apron for transient and US Customs parking.

AIRPORT MANAGER: 703-361-1882

WEATHER DATA SOURCES: AWOS-3PT (703) 361-6160

COMMUNICATIONS: CTAF 133.1 ATIS 125.175 (703) 361-6160

 Ⓡ **POTOMAC APP/DEP CON** 128.525

TOWER 133.1 (1130-0330Z±) **GND CON** 121.8

CLNC DEL 120.2 (When twr clsd)

CLEARANCE DELIVERY PHONE: For CD when ATCT is clsd ctc Potomac Apch at 866-709-4993.

AIRSPACE: CLASS D svc 1130-0330Z±; other times CLASS E.

RADIO AIDS TO NAVIGATION: NOTAM FILE IAD.

ARMEL (L) (L) VORW/DME 113.5 AML Chan 82 N38°56.08' W77°28.00' 198° 13.0 NM to fld. 296/8W.

VOR unusable:

055°-092° blo 4,500'

093°-115°

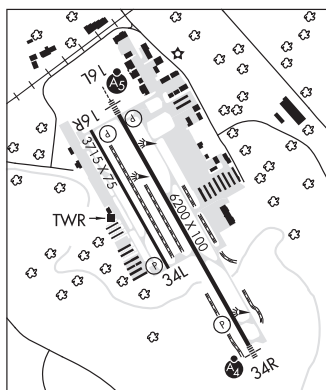
116°-210° blo 4,500'

DME unusable:

055°-210° byd 28 NM blo 2,500'

211°-230° byd 30 NM blo 3,000'

ILS 109.1 I-HEF Rwy 16L. Class IE.

**WASHINGTON
COPTER**
H-10H, 12I, L-29E, 34E, 36I, A
IAP, AD


RONALD REAGAN WASHINGTON NTL (DCA)(KDCA) 3 S UTC-5(-4DT) N38°51.09' W77°02.26'

WASHINGTON

14 B LRA Class I, ARFF Index C NOTAM FILE DCA
RWY 01-19: H7169X150 (ASPH-GRVD) S-110, D-200, 2D-360
 PCN 57 F/B/X/T HIRL CL

COPTER
 H-10H, 121, L-29E, 34F, 36I, A
 IAP, AD

RWY 01: ALSF2. TDZL. PAPI(P4R)—GA 3.0° TCH 54'. RVR-TR Tower.
RWY 19: MALSF. PAPI(P4L)—GA 3.0° TCH 50'. RVR-TR Tree. Rgt tfc.

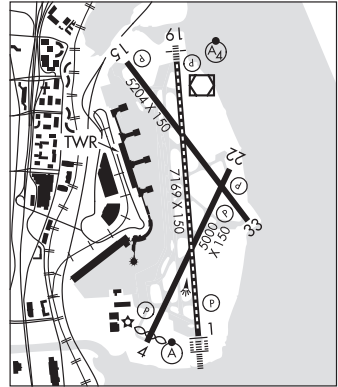
RWY 15-33: H5204X150 (ASPH-GRVD) S-110, D-200, 2D-360
 PCN 57 F/B/X/T HIRL

RWY 15: REIL. PAPI(P4L)—GA 3.0° TCH 36'. Trees. Rgt tfc.
RWY 33: REIL. PAPI(P4L)—GA 3.0° TCH 37'. Trees.

RWY 04-22: H5000X150 (ASPH-GRVD) S-110, D-200, 2D-360
 PCN 57 F/B/X/T MIRL

RWY 04: REIL. PAPI(P4L)—GA 3.25° TCH 52'. Thld dsplcd 200'.
 Road.

RWY 22: REIL. PAPI(P4L)—GA 3.0° TCH 45'. Ground. Rgt tfc.



RUNWAY DECLARED DISTANCE INFORMATION

RWY 01: TORA-6869 TODA-6869 ASDA-6869 LDA-6869
RWY 04: TORA-5000 TODA-5000 ASDA-5000 LDA-4800
RWY 15: TORA-5204 TODA-5204 ASDA-5204 LDA-5204
RWY 19: TORA-6869 TODA-6869 ASDA-6869 LDA-6869
RWY 22: TORA-4540 TODA-4540 ASDA-4400 LDA-4400
RWY 33: TORA-5204 TODA-5204 ASDA-5204 LDA-5204

ARRESTING GEAR/SYSTEM

- RWY 04:** EMAS
- RWY 15:** EMAS
- RWY 33:** EMAS

SERVICE: S2 **FUEL** JET A **LGT** Rwy 19 PAPI-4L consists of two PAPI-4L systems. Rwy 19 PAPI-4L is rotated 21 degs to right of ctrln. The rotated PAPI-4L system supports visual and instr apchs to Rwy 19.

NOISE: NOTE: See Special Notices —District of Columbia Ronald Reagan Washington National Airport. Noise Abatement and Prohibited Area (P-56) Avoidance Procedures.

AIRPORT REMARKS: Attended continuously. Flocks of birds on and in/ov arpt; Fqt gull and geese and duck populations AB over adj river areas. Be advised some aircrews mistake Rwy 15 for Rwy 19. Left-hand turn-offs from Rwy 33 to Twy K prohibited. Ronald Reagan Washington National Arpt (KDCA) is an emerg use only fld for all DoD owned and opr acft. Lgt fm vehicle parking lot lctd 1000 ft SW of Rwy 01 could give false indications of being part of Rwy 01 apch lgt sys drg periods of reduced vis & low ceilings. ASDE-X in use. Operate transponders with altitude reporting mode and ADS-B (if equipped) enabled on all airport surfaces. Twy K ends at Gate 5. Acft arr/dep the general aviation parking area are prohibited from taxiing btn air carrier pushback ops and the gates. Trng flts that include multiple apchs and/or touch and go ops rqr prior permission from the arpt mgr. Rwy 19X exists to support the DCA LDA associated with the ILS. Twy N btn apch end Rwy 15 and Twy K clsd to acft wingspan more than 124 FT. Ldg fees. NOTE: See Special Notices—District of Columbia Ronald Reagan Washington National Airport. Noise Abatement and Prohibited Area (P-56) Avoidance Procedures.

AIRPORT MANAGER: 703-417-8050

WEATHER DATA SOURCES: ASOS 132.65 (703) 418-1177. LLWAS. TDWR.

COMMUNICATIONS: D-ATIS 132.65 (703) 419-3917 UNICOM 122.95

WASHINGTON RCO 122.2

® **POTOMAC APP CON** 119.85 (West/South) 124.2 (East) 124.7

WASHINGTON TOWER 119.1 (134.35 Helicopters) **GND CON** 121.7 **CLNC DEL/PRE TAXI CLNC** 128.25

® **POTOMAC DEP CON** 118.95 (West) 125.65 (East) 124.7

CPDLC (LOGON KUSA)

PDC

CONTINUED ON NEXT PAGE

DISTRICT OF COLUMBIA

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AIRSPACE: CLASS B See VFR Terminal Area Chart.

RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.

WASHINGTON (L) (L) VOR/DME 111.0 DCA Chan 47 N38°51.57' W77°02.19' at fld. 10/9W.

VOR unusable:

026°-070° byd 20 NM blo 5,000'
 071°-075° byd 20 NM blo 7,000'
 076°-105° byd 20 NM blo 5,000'
 106°-111° byd 10 NM blo 2,500'
 106°-125° byd 20 NM blo 8,000'
 126°-145° byd 20 NM blo 5,500'
 146°-155° byd 20 NM blo 6,000'
 156°-170° blo 5,500'
 171°-177° byd 20 NM blo 5,000'
 178°-260° byd 20 NM blo 4,500'
 261°-275° byd 20 NM blo 6,000'
 276°-283° byd 20 NM blo 7,000'
 284°-300° byd 20 NM blo 6,000'
 301°-025° byd 20 NM blo 4,500'

DME unusable:

090°-165° byd 30 NM blo 3,000'
 250°-270° byd 20 NM blo 2,500'
 340°-040° byd 30 NM blo 2,500'

OXONN NDB (MHW) 332 DCA N38°45.96' W77°01.64' 006° 5.1 NM to fld. 11W.

GEORGETOWN NDB (MHW) 323 GTN N38°55.79' W77°07.45' 148° 6.2 NM to fld. 104/9W.

ILS/DME 109.9 I-DCA Chan 36 Rwy 01. Class IIE.

LDA/DME 109.9 I-ASO Chan 36 Rwy 19. DME unusable byd 14 NM blw 1,600'; byd 25° r of course. LOC unusable byd 20° r of course.

LDA/DME 108.5 I-VWH Chan 22 Rwy 19X. LOC offset angle 40° 00 min 33 sec. LOC unusable byd 25° left and right of course.

COMM/NAV/WEATHER REMARKS: Lcl flow tfc management turbo jet arr Ronald Reagan Washington National Twr in conjunction with the Washington ARTCC, has implemented a metering plan designed to minimize low alt holding, reduce radar vectors and speeds rqrq the extn of flaps and to provide for an orderly flow of tfc to the final apch crs. Dependent upon the arpt acceptance rate, in-trail spacing btn successive arr may necessitate using speed adjustments prior to reaching the Washington Terminal Area. Descent, under most cond, will be from arr fixes established 30 to 36 miles from the rwy end. Advance ntc as to where to exp descent and when to exp base leg should be given. It is imperative that pilots ctl their descent at a uniform rate to preclude intermediate alt restrictions. Procedures are based on a near idle thrust, 300' per mile descent in still air cond.

SOUTH CAPITOL STREET HELIPIRT (Ø9W) 0 N UTC-5(-4DT) N38°52.12' W77°00.45'

WASHINGTON

10 B NOTAM FILE DCA

COPTER

HELIPAD H1: H60X60 (ASPH) PERIMETER LGTS

HELIPAD H1: RLLS.

SERVICE: FUEL JET A LGT SS-SR. Helipad H1 perimeter.

HELIPORT REMARKS: Attended Mon-Fri 1200-0000Z‡ Sat- Sun 1600-0000Z‡. Open holidays upon reservation. Large loose grvl south and west of pavement. Helipad H1 75' lgtd bridge 500' east; 50' stack 400' west; 40' bldg 60' northeast. Ingress and egress routes northeast and southwest over Anacostia River.

AIRPORT MANAGER: 202-484-8616

COMMUNICATIONS: CTAF/UNICOM 123.05

CLEARANCE DELIVERY PHONE: For CD ctc Potomac Apch at 866-599-3874.

WASHINGTON DULLES INTL (IAD)(KIAD) 20 W UTC-5(-4DT) N38°56.85'
W77°27.60'

WASHINGTON COPTER

H-10H, 12I, L-29E, 34E, 36I, A
IAP, AD

- 312 B LRA Class I, ARFF Index E NOTAM FILE IAD
RWY 01C-19C: H11500X150 (CONC-GRVD) S-200, D-250, 2D-450, 2D/2D2-875 PCN 81 R/C/W/T HIRL CL
RWY 01C: MALS. TDZL. PAPI(P4L)—GA 3.0° TCH 70'. RVR-TMR
RWY 19C: ALSF2. TDZL. PAPI(P4R)—GA 3.0° TCH 72'. RVR-TMR
RWY 01R-19L: H11500X150 (CONC-GRVD) S-200, D-250, 2D-450, 2D/2D2-875 PCN 81 R/C/W/T HIRL CL
RWY 01R: ALSF2. TDZL. PAPI(P4R)—GA 3.0° TCH 72'. RVR-TMR
RWY 19L: ALSF2. PAPI(P4L)—GA 3.0° TCH 75'. RVR-TMR Pole. 0.3% up.
RWY 12-30: H10501X150 (CONC-GRVD) S-200, D-250, 2D-450, 2D/2D2-875 PCN 81 R/C/W/T HIRL CL
RWY 12: MALS. TDZL. PAPI(P4R)—GA 3.0° TCH 66'. RVR-TR 0.3% down.
RWY 30: REIL. PAPI(P4L)—GA 3.0° TCH 84'. RVR-TR
RWY 01L-19R: H9400X150 (CONC-GRVD) S-200, D-250, 2D-450, 2D/2D2-875 PCN 81 R/C/W/T HIRL CL
RWY 01L: ALSF2. TDZL. PAPI(P4L)—GA 3.0° TCH 70'. RVR-TMR 0.3% down.
RWY 19R: ALSF2. TDZL. PAPI(P4L)—GA 3.0° TCH 70'. RVR-TMR

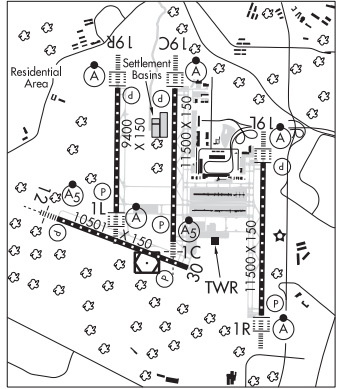
RUNWAY DECLARED DISTANCE INFORMATION

- RWY 01C:**TORA-11500 TODA-11500 ASDA-11500 LDA-11500
RWY 01L:TORA-9400 TODA-9400 ASDA-9400 LDA-9400
RWY 01R:TORA-11500 TODA-11500 ASDA-11500 LDA-11500
RWY 12: TORA-10501 TODA-10501 ASDA-10501 LDA-10501
RWY 19C:TORA-11500 TODA-11500 ASDA-11500 LDA-11089
RWY 19L:TORA-11500 TODA-11500 ASDA-11500 LDA-11500
RWY 19R:TORA-9400 TODA-9400 ASDA-9400 LDA-9400
RWY 30: TORA-10501 TODA-10501 ASDA-10501 LDA-10501

SERVICE: S4 FUEL 100LL, JET A OX 1, 3 LGT Rwy status lgts are in opn.

AIRPORT REMARKS: Attended continuously. Large flocks of birds on and in/ov arpt/deer in/ov arpt. During periods of acct saturation long term parking may not be available. Services for fuel and go only will be available. Fit trng btn 0300-1200Z prohibited. Inrnt acct ctv FBO on 122.95 or 129.77 for svcs. ASDE-X in use. Operate transponders with altitude reporting mode and ADS-B (if equipped) enabled on all airport surfaces. Air carrier push backs and pwr from all apron positions rqr clnc from MWAA Ramp twr. B747-8 rstd to max taxi speed 17 kt (20 MPH) on Twy J. All acft with wingspan exceeding 118' are rstd from using Taxilane A btn Taxilane A1 and A5. Twy E1 rstd to acct with a wingspan less than 79'. Engine run-ups btn 2200L and 0700L rqr prior apvl from arpt ops. Runup blk for Rwy 30 dsngnd as non-movement area. Taxilane C active, pushback clncs on North side of midfld terminal are onto Taxilane D only unless otherwise authorized. All 180° turns out of apron positions shall be made using minimum pwr. Rwy 30 departures use upper antenna for ATC communications. Ldg fee. Flight Notification Service (ADCUS) available.

AIRPORT MANAGER: 703-572-2730



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DISTRICT OF COLUMBIA

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WEATHER DATA SOURCES: ASOS 134.85 (703) 661-2990. TDWR.

COMMUNICATIONS: D-ATIS 134.85 571-323-6374. UNICOM 122.95

Ⓡ **POTOMAC APP CON** 128.525 (091°-240°) 126.1 (331°-090°) 120.45 (241-330°) Air surveillance radar unavbl abv 15,000'.

TOWER 120.1 (Rwy 01R-19L) 120.25 (Rwy 01C-19C) 134.425 (Rwy 01L-19R, Rwy 12-30)

MIDFIELD RAMP CON 129.55

GND CON 121.625 (West) 121.9 (East) **CLNC DEL** 135.7

Ⓡ **POTOMAC DEP CON** 126.65 (190°-300°) 125.05 (300°-010°) Air surveillance radar unavbl abv 15,000'.

CPDLC (LOGON KUSA)

PDC

AIRSPACE: CLASS B See VFR Terminal Area Chart.

RADIO AIDS TO NAVIGATION: NOTAM FILE IAD.

ARMEL (L) VORW/DME 113.5 AML Chan 82 N38°56.08' W77°28.00' at fld. 296/8W.

VOR unusable:

055°-092° blo 4,500'

093°-115°

116°-210° blo 4,500'

DME unusable:

055°-210° byd 28 NM blo 2,500'

211°-230° byd 30 NM blo 3,000'

ILS 111.3 I-OSZ Rwy 01C. Class IIE.

ILS/DME 110.75 I-OIU Chan 44(Y) Rwy 01L. Class IIIE. LOC unusable byd 25° left of course.

ILS/DME 110.1 I-IAD Chan 38 Rwy 01R. Class IIIE.

ILS 109.3 I-AJU Rwy 12. Class IE.

ILS 111.3 I-DLX Rwy 19C. Class IIIE.

ILS/DME 110.1 I-SGC Chan 38 Rwy 19L. Class IIE.

ILS/DME 110.75 I-ISU Chan 44(Y) Rwy 19R. Class IIIE.

ASHLAND

BRADFORD CAMPS SPB (ME3) 30 SW UTC-5(-4DT) N46°23.75' W69°00.30'

MONTREAL

815 NOTAM FILE BGR

WATERWAY 16W-34W: 15000X1500 (WATER)

SEAPLANE REMARKS: Attended May-Nov dalgst hrs, Dec-Apr unattended. SPB CLOSED winter Nov-Apr, winter cell 207-746-7777 or at maine@bradfordcamps.com. For svcs call 207-433-0660. Acft monitor frequency 122.85. Flight following unreliable at low alts.

AIRPORT MANAGER: 207-433-0660

COMMUNICATIONS: CTAF 122.9

CLEARANCE DELIVERY PHONE: For CD ctc Boston ARTCC at 603-879-6859.

AUBURN/LEWISTON MUNI (LEW)(KLEW) 4 SW UTC-5(-4DT) N44°02.91' W70°17.01'

MONTREAL

288 B NOTAM FILE LEW

H-11D, L-32H

RWY 04-22: H5001X100 (ASPH-GRVD) S-30, D-108, 2S-137, 2D-180 HIRL

RWY 04: MALSRR. PAPI(P4L)—GA 3.0° TCH 49'. Trees.

RWY 22: REIL. PAPI(P4L)—GA 3.5° TCH 35'. Trees.

RWY 17-35: H2750X75 (ASPH) S-30 MIRL 1.2% up S

RWY 17: Tree.

RWY 35: Tree.

SERVICE: S4 FUEL 100LL, JET A1+ OX 4 LGT Actvt MALSRR Rwy 04; REIL Rwy 22; HIRL Rwy 04-22 and MIRL Rwy 17-35—CTAF.

AIRPORT REMARKS: Attended 1300-2200Z±. Birds on and invof arpt. For fuel or svcs aft hrs call 207-784-6318. Intensive HOP dly fm 1000-0100Z±. Hel tfc pat 788(500), right tfc. Rwy 04 dsngnd calm wind rwy. Acft de-icing avbl. Ocnl blasting in prog Mon-Sat aprxly 4,800-5,000' SW of Rwy 04 thr 1600-2000Z± durg VFR conds only. Ldg fee.

AIRPORT MANAGER: 207-786-0631

WEATHER DATA SOURCES: AWOS-3PT 118.025 (207) 783-2806.

COMMUNICATIONS: CTAF/UNICOM 122.8

Ⓡ **PORTLAND APP/DEP CON** 125.5 (1045-0500Z±)

Ⓡ **BOSTON CENTER APP/DEP CON** 128.2 (0500-1045Z±)

CLNC DEL 124.05 **PRETAXI CLNC** 124.05

CLEARANCE DELIVERY PHONE: For CD when Apch clsd ctc Boston ARTCC at 603-879-6859.

RADIO AIDS TO NAVIGATION: NOTAM FILE AUG.

AUGUSTA (VL) (DH) VOR/DME 114.95 AUG Chan 96(Y) N44°19.20' W69°47.79' 250° 26.6 NM to fld. 349/18W.

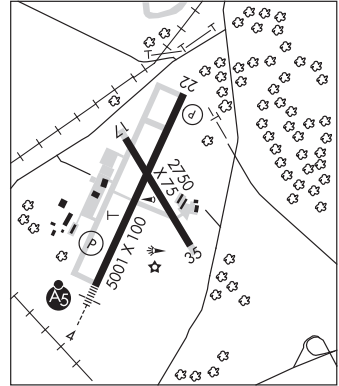
VOR unusable:

- 005°-015° byd 10 NM blo 7,000'
- 018°-050° byd 40 NM
- 055°-058° byd 40 NM
- 065°-089° byd 40 NM
- 075°-089° byd 25 NM blo 3,000'
- 090°-115° byd 15 NM
- 116°-175° byd 40 NM
- 116°-189° byd 25 NM blo 3,000'
- 188°-207° byd 40 NM
- 190°-205° byd 10 NM blo 5,000'
- 206°-220° byd 25 NM blo 3,000'
- 208°-213° byd 40 NM blo 3,000'
- 208°-213° byd 49 NM blo 7,000'
- 208°-213° byd 68 NM
- 225°-245° byd 40 NM
- 246°-256° byd 40 NM blo 7,000'
- 246°-256° byd 53 NM
- 257°-261° byd 40 NM
- 271°-275° byd 40 NM
- 300°-353° byd 40 NM

DME unusable:

- 010°-070° byd 25 NM blo 7,000'
- 071°-143° byd 25 NM blo 3,000'
- 144°-154° byd 25 NM blo 7,000'
- 155°-189° byd 25 NM blo 3,000'
- 190°-205° byd 10 NM blo 5,000'
- 206°-220° byd 25 NM blo 3,000'
- 221°-285° byd 15 NM blo 6,000'

ILS/DME 108.9 I-LEW Chan 26 Rwy 04. Class IA.



AUGUSTA

AUGUSTA SPB (M00) 3 S UTC-5(-4DT) N44°16.05' W69°46.90'

MONTREAL

23 NOTAM FILE BGR

WATERWAY 13W-31W: 2500X100 (WATER)

WATERWAY 13W: Trees. Rgt tfc.

WATERWAY 31W: Trees.

SEAPLANE REMARKS: Unattended. Daytime use only. Unmarked shoals E of sealane. Location has tidal fluctuation of 4'. Sealane poorly marked, irregular shaped channel. Docks removed durg winter months Oct-May.

AIRPORT MANAGER: 207-626-2306

COMMUNICATIONS: CTAF 122.9

CLEARANCE DELIVERY PHONE: For CD ctc Portland Apch at 207-874-7320, when Apch clsd ctc Boston ARTCC at 603-879-6859.

AUGUSTA STATE (AUG)(KAUG) 1 NW UTC-5(-4DT) N44°19.24' W69°47.84'

MONTREAL

352 B TPA-1400(1048) NOTAM FILE AUG

H-110, L-32H

RWY 17-35: H5002X100 (ASPH-GRVD) S-50, D-60 HIRL

IAP

0.7% up S

RWY 17: MALSR. PAPI(P4L)—GA 3.0° TCH 53'. Tree.

RWY 35: REIL. PAPI(P4L)—GA 3.0° TCH 40'. Road.

RWY 08-26: H2613X75 (ASPH) S-30 MIRL

RWY 08: Trees.

RWY 26: Fence.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 08: TORA-2613 TODA-2613 ASDA-2613 LDA-2613

RWY 17: TORA-5002 TODA-5002 ASDA-5002 LDA-5002

RWY 26: TORA-2613 TODA-2613 ASDA-2613 LDA-2613

RWY 35: TORA-5002 TODA-5002 ASDA-5002 LDA-5002

ARRESTING GEAR/SYSTEM

RWY 17: EMAS

RWY 35: EMAS

SERVICE: S4 FUEL 100LL, JET A LGT ACTIVATE MALSR Rwy 17, REIL

Rwy 35, PAPI Rwy 17 and Rwy 35, HIRL Rwy 17-35, MIRL Rwy 08-26—CTAF.

AIRPORT REMARKS: Attended 1200-0100Z†. Arpt unatndd aft dark durg snow and ice season. Birds and deer on and invof arpt. Seagulls on and invof rwy intersections. Fld cond rprts snow depths, BA may not be avbl for rwys fm 2300-1100Z†. For 100LL aft nml bus hrs call 207-622-2507. Rwy 35 designated calm wind rwy. Rwy 17-35 have EMAS category B2. Twy F east clsd to all acft with wing span greater than 45'. Air carrier ramp clsd to general aviation tfc. Rwy 08-26 markings are faded. Ldg fee for multi-engine acft, fee waived with fuel purchase.

AIRPORT MANAGER: 207-626-2306

WEATHER DATA SOURCES: ASOS 118.325 (207) 623-0432.

COMMUNICATIONS: CTAF/UNICOM 123.0

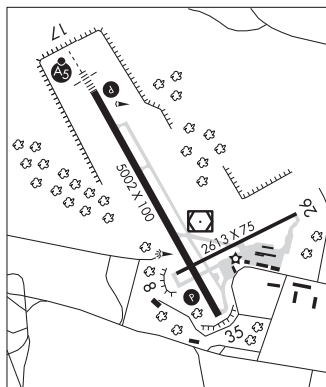
RCO 122.1R 114.95T 122.2 (BANGOR RADIO)

Ⓡ PORTLAND APP/DEP CON 128.35 (1045-0500Z†)

Ⓡ BOSTON CENTER APP/DEP CON 128.2 (112°-292°) 120.25 (293°-111°) (0500-1045Z†)

CLNC DEL 119.95 299.2

CLEARANCE DELIVERY PHONE: For CD when Portland Apch clsd, ctc Boston ARTCC at 603-879-6859.



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AIRSPACE: CLASS E.

RADIO AIDS TO NAVIGATION: NOTAM FILE AUG.

(VL) (DH) VOR/DME 114.95 AUG Chan 96(Y) N44°19.20' W69°47.79' at fld. 349/18W.

VOR unusable:

- 005°-015° byd 10 NM blo 7,000'
- 018°-050° byd 40 NM
- 055°-058° byd 40 NM
- 065°-089° byd 40 NM
- 075°-089° byd 25 NM blo 3,000'
- 090°-115° byd 15 NM
- 116°-175° byd 40 NM
- 116°-189° byd 25 NM blo 3,000'
- 188°-207° byd 40 NM
- 190°-205° byd 10 NM blo 5,000'
- 206°-220° byd 25 NM blo 3,000'
- 208°-213° byd 40 NM blo 3,000'
- 208°-213° byd 49 NM blo 7,000'
- 208°-213° byd 68 NM
- 225°-245° byd 40 NM
- 246°-256° byd 40 NM blo 7,000'
- 246°-256° byd 53 NM
- 257°-261° byd 40 NM
- 271°-275° byd 40 NM
- 300°-353° byd 40 NM

DME unusable:

- 010°-070° byd 25 NM blo 7,000'
- 071°-143° byd 25 NM blo 3,000'
- 144°-154° byd 25 NM blo 7,000'
- 155°-189° byd 25 NM blo 3,000'
- 190°-205° byd 10 NM blo 5,000'
- 206°-220° byd 25 NM blo 3,000'
- 221°-285° byd 15 NM blo 6,000'

DUNNS NDB (LOMW) 366 AU N44°24.66' W69°51.64' 171° 6.1 NM to fld. 238/18W.

ILS 108.7 I-AUG Rwy 17. Class IB. LOM DUNNS NDB. Glideslope unusable byd 5° right side of LOC course; blw 430'; byd 9 NM. LOC unusable fm 0.5 NM to thld abv 1,500'.

BANGOR

BANGOR INTL (BGR)(KBGR) P (ANG ARNG) 3 W UTC-5(-4DT) N44°48.45' W68°49.69'

192 B TPA—See Remarks LRA ARFF Index—See Remarks NOTAM FILE BGR

RWY 15-33: H11440X200 (ASPH-GRVD) S-100, D-210, 2D-400

PCN 120R/A/W/T HIRL CL

RWY 15: ALSF2. TDZL. PAPI(P4L)—GA 3.0° TCH 55'. RVR-TMR 0.4% down.

RWY 33: MALSR. PAPI(P4L)—GA 3.0° TCH 57'. RVR-TMR Trees.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 15: TORA-11440 TODA-11440 ASDA-11440 LDA-11440

RWY 33: TORA-11440 TODA-11440 ASDA-11440 LDA-11440

SERVICE: S4 FUEL 100LL, JET A OX 2, 4 MILITARY—JASU 1(MD-3)

1(MC-11) (MA-1A) FUEL A++(Mil), A, A+ (C207-992-4600)

(NC-100LL) FLUID SP PRESAIR LPOX LOX -Off-base contracted LOX

avbl H24-rqr 24 hr notice. OIL O-133-148(Mil)

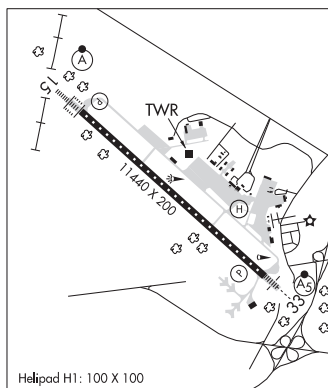
AIRPORT REMARKS: Attended continuously. TPA for turbo jet acct is 2000(1808) unless otherwise instructed. ARFF Index B with Index E capabilities avbl 24/7. Flight Notification Service (ADCUS) available.

MILITARY REMARKS: Transient acct may be diverted to civilian side during non-duty hrs & weekends. Fee required; no ANG transient alert.

CAUTION Bash Phase II period Sep-Nov, Apr-May. Expect increased bird activity. Ctc Base Ops/Command Post/SOF for current bird watching cond. MISC Rwy 15-33 grooved. ANG Opr 1100-1930Z‡ Mon-Fri, clsd weekends and hol. PPR rqr for ANG ramp. Ctc afid mgmt DSN 698-7232, C207-404-7232 for PPR dur opr hrs. Pre-coord all transportation requirements and haz cargo with PPR rqr. PPR valid +/- 1 hr unless prior coord. 3 hr out call, 30 min out call 311.0 to CFM customs/AG and tran svc. Comd post C207-404-7788 24 hrs. ARNG Opr 1230-2100Z‡ Mon-Fri exc hol. Ltd maint. J8. PPR May-Oct svc DSN 626-1100.

AIRPORT MANAGER: 207-992-4600

**HALIFAX
H-11D, L-321
IAP, DIAP, AD**



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WEATHER DATA SOURCES: ASOS 127.75 (207) 561-2515.

COMMUNICATIONS: ATIS 127.75 (207-561-2524) UNICOM 122.95

RCO 122.2 (BANGOR RADIO)

Ⓡ APP/DEP CON 118.925 124.5

TOWER 120.7 GND CON 121.9 CLNC DEL 135.9

AIRSPACE: CLASS C svc ctc APP CON.

RADIO AIDS TO NAVIGATION: NOTAM FILE BGR.

(VH) (H) VORTACW 114.8 BGR Chan 95 N44°50.51' W68°52.44' 155° 2.8 NM to fld. 360/19W.

ILS/DME 109.5 I-JVH Chan 32 Rwy 15. Class IIIE. DME also serves Rwy 33.

ILS/DME 109.5 I-BGR Chan 32 Rwy 33. Class IIE. DME also serves Rwy 15. DME unusable byd 26° r of course.

ASR

HELIPAD H1: H100X100 (CONC)

LUCKY LANDING MARINA SPB (Ø6B) 7 N UTC-5(-4DT) N44°54.42' W68°48.30'

HALIFAX

115 LRA NOTAM FILE BGR

WATERWAY 02W-20W: 15000X4000 (WATER)

WATERWAY 02W: Rgt tfc.

SERVICE: FUEL 100LL

SEAPLANE REMARKS: Attended Apr-Oct dalgt hrs, unattended Nov-Mar. To vfy conditions and for fuel aft hrs call 207-951-2406. Water ldg area not marked. Rwy 02W wires on shore marked.

AIRPORT MANAGER: 207-951-2406

COMMUNICATIONS: CTAF 122.9

CLEARANCE DELIVERY PHONE: For CD ctc Bangor Apch at 207-561-2500 ext 1.

BANKS (See SWANS ISLAND on page 88)

BAR HARBOR

HANCOCK CO/BAR HARBOR (BHB)(KBHB) 8 NW UTC-5(-4DT) N44°26.98' W68°21.69'

HALIFAX

83 B Class IV, ARFF Index A NOTAM FILE BHB

H-11D, L-321

RWY 04-22: H5200X100 (ASPH) D-72, 2S-91, 2D-100

IAP

PCN 40 F/D/X/T HIRL

RWY 04: REIL. VASI(V4L)—GA 3.0° TCH 55'. Trees.

RWY 22: MALSF. VASI(V4L)—GA 3.0° TCH 55'.

RWY 17-35: H3363X75 (ASPH) S-13, D-20 1.1% up N

RWY 17: Thld dspcd 684'. Tree.

RWY 35: Thld dspcd 111'.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 04: TORA-5200 TODA-5200 ASDA-5200 LDA-5200

RWY 22: TORA-5200 TODA-5200 ASDA-5200 LDA-5200

SERVICE: S2 FUEL 100LL, JET A OX 4 LGT ACTVT MALSF Rwy 22, REIL Rwy 04, VASI Rwy 04 and 22, HIRL Rwy 04-22—122.7.

NOISE: Durg VFR conds when wind speed less than 5 kts as rprtd by AWOS or UNICOM, all acft using Rwy 04-22 are reqd to tkof and land on Rwy 22 for noise abatement procs.

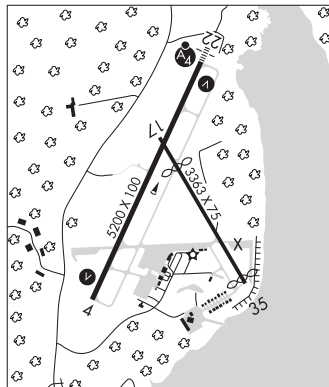
AIRPORT REMARKS: Attended 1300-2300Z†. Birds on and invof aprt.

Grass areas unavbl for acft ops. Seaplane ramp unavbl for acft ops exc PPR 207-667-7329. FICON not mnt Mon-Fri 0200-1230Z†,

wkends & hols. Rwy 04-22 due to hump at midpoint, opposite ends of rwy not visible at gnd level. Rwy 17-35 not avbl for skedd acr ops

(ldg and tkof) more than 9 pax seats or unskd acr ops at least 31 pax seats. Rwy 17-35 N of Twy H avbl for acr ops more than 9 pax seats for taxi only. 48 hr PPR for unskd acr ops at least 31 pax seats. Ctc amgr. PPR for overweight ldfs. PPR for unskd acr ops rrg 14 CFR 139 ARFF. Ctc amgr. Twy B clsd to all acft greater than 10,000 lbs. Twys F and Twy G clsd Dec 1-Mar 31 annually.

AIRPORT MANAGER: 207-667-7329



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WEATHER DATA SOURCES: AWOS-3PT 118.35 (207) 667-7364.

COMMUNICATIONS: CTAF/UNICOM 123.0

Ⓡ BANGOR APP/DEP CON 133.6

CLNC DEL 119.9

AIRSPACE: CLASS E.

RADIO AIDS TO NAVIGATION: NOTAM FILE BGR.

BANGOR (VH) (H) VORTACW 114.8 BGR Chan 95 N44°50.51' W68°52.44' 156° 32.2 NM to fld. 360/19W.

ILS/DME 108.3 I-BHB Chan 20 Rwy 22. Class IB. Unmonitored.

COMM/NAV/WEATHER REMARKS: If CD freq unavbl ctc Bangor Apch at 207-561-2500 ext 1.

BELFAST MUNI (BST)(KBST) 1 SW UTC-5(-4DT) N44°24.56' W69°00.71'

MONTREAL

198 B NOTAM FILE BGR

L-321

RWY 15-33: H4000X100 (ASPH) S-30 MIRL 1.0% up NW

RWY 15: REIL. Tree.

RWY 33: REIL. Tree.

SERVICE: FUEL 100LL, JET A+ LGT ACTIVATE REIL Rwy 15 and Rwy 33 and MIRL Rwy 15-33—CTAF.

AIRPORT REMARKS: Attended irregularly. Deer and birds on and in/ovf arpt. Sfc cond rprtd daily 1400-2200Z† Dec-Mar. 800 ft x 30 ft parl turf ldg area E of rwy and N of Twy B - amgr.

AIRPORT MANAGER: 603-970-1947

WEATHER DATA SOURCES: AWOS-AV 122.975 (207) 930-7071. (WX CAM)

COMMUNICATIONS: CTAF/UNICOM 122.975

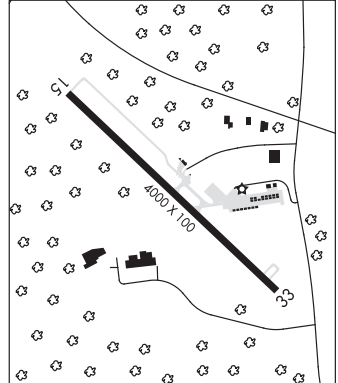
Ⓡ BANGOR APP/DEP CON 118.925

CLEARANCE DELIVERY PHONE: For CD ctc Bangor Apch at 207-561-2500 ext 1.

RADIO AIDS TO NAVIGATION: NOTAM FILE BGR.

BANGOR (VH) (H) VORTACW 114.8 BGR Chan 95 N44°50.51' W68°52.44' 212° 26.6 NM to fld. 360/19W.

COMM/NAV/WEATHER REMARKS: AWOS avbl — CTAF-2 clicks or call 207-930-7071.



BETHEL RGNL (ØB1) 2 NW UTC-5(-4DT) N44°25.51' W70°48.60'

MONTREAL

674 B NOTAM FILE BGR

L-32H

RWY 14-32: H3818X75 (ASPH) MIRL 0.5% up NW

RWY 14: Tree.

RWY 32: REIL. Tree.

SERVICE: FUEL 100LL LGT Lgtd windsock and apron lgts on continuously at night. ACTIVATE REIL 32; MIRL Rwy 14-32—CTAF.

AIRPORT REMARKS: Unattended. Turkeys and geese on or in/ovf arpt. Self-serve avbl 24 hrs with credit card. Unlighted mountainous terrain.

Arpt sfc conditions unmonitored between 0200-1300Z† daily. For rwy cond or other info, ctc arpt information line 207-512-5552. Powered parachute activity occasionally in terminal area. Unmanned acft within 3 NM radius of arpt sfc-400' AGL daily SR-SS. No fees for parking, tie down, overnight electrical A/C hook up. Cold temperature airport. Altitude correction required at or below -23C.

AIRPORT MANAGER: 207-381-0202

WEATHER DATA SOURCES: AWOS-AV 119.075 (207) 512-2516. Actvt

AWOS-AV via phone or 119.075. Wnd/cig/vdp unreliable.

COMMUNICATIONS: CTAF 122.9

Ⓡ PORTLAND APP/DEP CON 125.5 (1045-0500Z†)

Ⓡ BOSTON CENTER APP/DEP CON 128.2 (0500-1045Z†)

CLEARANCE DELIVERY PHONE: For CD ctc Portland Apch at 207-874-7320, when Apch clsd ctc Boston ARTCC at 603-879-6859.

RADIO AIDS TO NAVIGATION: NOTAM FILE BML.

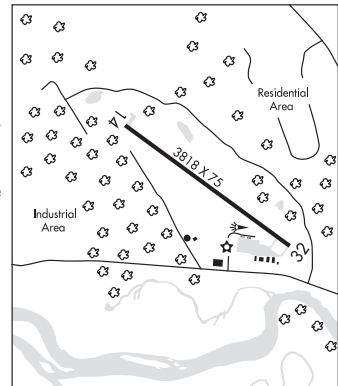
BERLIN (H) DME 116.55 BML Chan 112(Y) N44°38.01' W71°11.17' 128° 20.4 NM to fld. 1730.

DME unusable:

080°-125° blo 10,000'

188°-198° blo 10,000'

275°-292° blo 10,000'



BIDDEFORD MUNI (B19) 2 S UTC-5(-4DT) N43°27.85' W70°28.34'

NEW YORK
L-32H
IAP

157 B TPA-995(838) NOTAM FILE BGR
RWY 06-24: H3000X75 (ASPH) S-25 MIRL 0.3% up NE
RWY 06: REIL. PAPI(P4L)-GA 3.5° TCH 31'. Brush.
RWY 24: Brush.

SERVICE: FUEL 100LL LGT Actvt REIL Rwy 06; PAPI Rwy 06; MIRL Rwy 06-24-CTAF.

NOISE: Noise abatement ctc AMGR for dtls.

AIRPORT REMARKS: Attended Mon-Thur 1500-2100Z†, Sat-Sun 1400-2100Z†. Deer and turkeys on and infov arpt. Ultralight and prcht act on and infov arpt. 24 hr fuel w/major credit card-self svc. Rwy 24 calm wind rwy.

AIRPORT MANAGER: 207-282-1579

COMMUNICATIONS: CTAF/UNICOM 123.0

Ⓡ **PORTLAND APP/DEP CON** 119.75 (1045-0500Z†)

Ⓡ **BOSTON CENTER APP/DEP CON** 128.2 (0500-1045Z†)

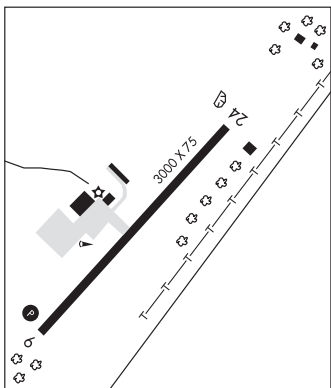
CLEARANCE DELIVERY PHONE: For CD ctc Portland Apch at 207-874-7320, when Apch clsd ctc Boston ARTCC at 603-879-6859.

RADIO AIDS TO NAVIGATION: NOTAM FILE BGR.

KENNEBUNK (VH) (DH) VORW/DME 117.1 ENE Chan 118
N43°25.54' W70°36.81' 086° 6.6 NM to fld. 192/17W.

DME unusable:
030°-184° byd 25 NM blo 2,000'
185°-230° byd 25 NM blo 2,500'
268°-278° byd 30 NM blo 4,600'

VOR unusable:
017°-040° byd 40 NM
130°-133° byd 40 NM
192°-202° byd 40 NM blo 2,500'
192°-202° byd 48 NM blo 5,000'
192°-202° byd 69 NM
203°-294° byd 40 NM
295°-305° byd 40 NM blo 5,000'
295°-305° byd 52 NM
306°-359° byd 40 NM



BOWDOINHAM

MERRYMEETING FLD (Ø8B) 1 SE UTC-5(-4DT) N44°00.00' W69°53.23'

MONTREAL

61 NOTAM FILE BGR
RWY 14-32: 1935X100 (TURF)
RWY 14: Thld dsplcd 425'. Trees.
RWY 32: Thld dsplcd 143'. Trees.

AIRPORT REMARKS: Attended irregularly. Call for rwy conditions prior to ldg. Wildlife on or infov arpt. Winter ops (Nov 1-May 1) skis only, rwy not plowed. Rwy 14 has +15' roadway 95' rgt and +15' building 125' left at thld. No line of sight between rwy ends.

AIRPORT MANAGER: 781-864-7011

COMMUNICATIONS: CTAF 122.9

CLEARANCE DELIVERY PHONE: For CD ctc Portland Apch at 207-874-7320, when Apch clsd ctc Boston ARTCC at 603-879-6859.

BOWMAN FLD (See LIVERMORE FALLS on page 75)

BRADFORD CAMPS SPB (See ASHLAND on page 57)

BRANDY POND SPB (See NAPLES on page 78)

BREWER (ØB2) 2 S UTC-5(-4DT) N44°45.83' W68°46.07'

HALIFAX

125 TPA—725(600) NOTAM FILE BGR

RWY 01-19: 1730X30 (TURF) 0.3% up N

RWY 01: Brush. Rgt tfc.

RWY 19: Trees.

SERVICE: S2

AIRPORT REMARKS: Unattended. +25 ft power line 460ft N of Rwy 19 end. Rwy 01-19 +35 ft trees and brush 30 ft to 125 ft from centerline along east side. Rwy 19 +25 ft house 80 ft from thr, 50 ft right of cntrin. Wildlife on or invof arpt. Public golf course at EOR 01. During winter ski only ops. Make all apch/deps to east of arpt. Rwy 01-19 cntr 50 ft mowed.

AIRPORT MANAGER: 207-299-4086**COMMUNICATIONS:** CTAF 122.9**CLEARANCE DELIVERY PHONE:** For CD ctc Bangor Apch at 207-561-2500 ext 1.**BRUNSWICK EXEC** (BXM)(KBXM) 2 SE UTC-5(-4DT) N43°53.54' W69°56.33'

NEW YORK

75 B NOTAM FILE BGR

H-11D, L-32H

RWY 01L-19R: H8000X200 (ASPH-CONC) HIRL

IAP

RWY 01L: PAPI(P4L)—GA 3.0° TCH 50'. Rgt tfc.

RWY 19R: PAPI(P4L)—GA 3.0° TCH 52'.

RWY 01R-19L: H8000X200 (ASPH-CONC) HIRL

RWY 01R: MALSR. PAPI(P4L)—GA 3.0° TCH 51'. Rgt tfc.

RWY 19L: REIL. PAPI(P4L)—GA 3.0° TCH 53'.

SERVICE: S4 FUEL 100LL, JET A+ ØX 1, 2, 3, 4 LGT ACTIVATE MALSR Rwy 01R, REIL Rwy 19L, PAPI Rwy 01R and Rwy 19L, HIRL Rwy 01R-19L—CTAF.

AIRPORT REMARKS: Attended 1200-0000Z±. Birds and deer invof arpt. Rwy 01L-19R CLOSED indef. Rwy 19L calm wind rwy.**AIRPORT MANAGER:** 207-406-2081**WEATHER DATA SOURCES:** AWOS-AV 134.875 (207) 409-1747. Frequency: 2 clicks to actvt.**COMMUNICATIONS:** CTAF/UNICOM 122.725

Ⓡ PORTLAND APP/DEP CON 119.75 (112°-292°) 120.4 (293°-111°) 1045-0500Z±

Ⓡ BOSTON CENTER APP/DEP CON 128.2 0500-1045Z±

CLNC DEL 123.65

CLEARANCE DELIVERY PHONE: For CD ctc Portland Apch at 207-874-7320, when Apch clsd ctc Boston ARTCC at 603-879-6859.**AIRSPACE:** CLASS E.**RADIO AIDS TO NAVIGATION:** NOTAM FILE AUG.**AUGUSTA (VL) (DH) VOR/DME** 114.95 AUG Chan 96(Y) N44°19.20' W69°47.79' 212° 26.4 NM to fld. 349/18W.

VOR unusable:

005°-015° byd 10 NM blo 7,000'

018°-050° byd 40 NM

055°-058° byd 40 NM

065°-089° byd 40 NM

075°-089° byd 25 NM blo 3,000'

090°-115° byd 15 NM

116°-175° byd 40 NM

116°-189° byd 25 NM blo 3,000'

188°-207° byd 40 NM

190°-205° byd 10 NM blo 5,000'

206°-220° byd 25 NM blo 3,000'

208°-213° byd 40 NM blo 3,000'

208°-213° byd 49 NM blo 7,000'

208°-213° byd 68 NM

225°-245° byd 40 NM

246°-256° byd 40 NM blo 7,000'

246°-256° byd 53 NM

257°-261° byd 40 NM

271°-275° byd 40 NM

300°-353° byd 40 NM

DME unusable:

010°-070° byd 25 NM blo 7,000'

071°-143° byd 25 NM blo 3,000'

144°-154° byd 25 NM blo 7,000'

155°-189° byd 25 NM blo 3,000'

190°-205° byd 10 NM blo 5,000'

206°-220° byd 25 NM blo 3,000'

221°-285° byd 15 NM blo 6,000'

ILS/DME 109.3 I-BXM Chan 30 Rwy 01R. Class IT. ILS Rwy 01R unmonitored btn 0300-1100Z±.

BUCKHORN CAMPS SPB (See NORCROSS(MILLINOCKET) on page 78)

BUCKS HARBOR N44°37.68' W67°23.70'
RCO 122.5 (BANGOR RADIO)

HALIFAX
L-321

BURNHAM N44°41.86' W69°21.52' NOTAM FILE BGR.
NDB (MHW) 348 BUP 009° 4.3 NM to Pittsfield Muni. 195/18W.
NDB unusable:
Byd 20 NM

MONTREAL
L-32H

CARIBOU MUNI (CAR)(KCAR) 1 NW UTC-5(-4DT) N46°52.30' W68°01.09'
620 B TPA—See Remarks AOE NOTAM FILE CAR
RWY 01-19: H4003X100 (ASPH) S-30 MIRL

HALIFAX
L-321
IAP

RWY 01: Ground.

RWY 11-29: H3016X75 (ASPH) S-30 MIRL

RWY 29: Thld dsplcd 398'. Bldg.

SERVICE: FUEL 100LL **LGT** ACTIVATE MIRL Rwy 01-19 and
11-29—CTAF.

AIRPORT REMARKS: Unattended. 24 hr fuel avbl with credit card. TPA 800'
AGL light acft, 1000' AGL multi and large single engine acft. Rwy 01
+23' power pole and trees approximately 950' from thld across apch.
Rwy 01-19 obstruction lgts along both sides of primary sfc and tree
line. Flight Notification Service (ADCUS) available.

AIRPORT MANAGER: 207-493-3324

WEATHER DATA SOURCES: ASOS 135.125 (207) 496-3153.

COMMUNICATIONS: CTAF/UNICOM 122.8

RCO 122.3 (BANGOR RADIO)

® **BOSTON CENTER APP/DEP CON** 124.75 **CLNC DEL** 124.75 (Boston Center)

CLEARANCE DELIVERY PHONE: For CD if una to ctc on FSS freq, ctc Boston
ARTCC at 603-879-6859.

RADIO AIDS TO NAVIGATION: NOTAM FILE PQI.

PRESQUE ISLE (VH) (DH) VORW/DME 116.4 PQI Chan 111

N46°46.45' W68°05.67' 049° 6.6 NM to fld. 592/21W.

DME unusable:

180°-200° byd 30 NM blo 3,400'

VOR unusable:

000°-030° byd 40 NM

040°-070° byd 40 NM

080°-090° byd 40 NM

130°-165° byd 40 NM

180°-185° byd 40 NM

200°-210° byd 40 NM

220°-235° byd 40 NM blo 19,000'

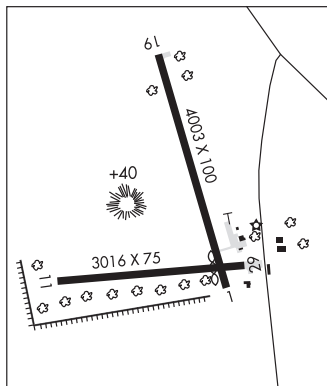
236°-260° byd 40 NM

270°-280° byd 40 NM

286°-296° byd 40 NM blo 8,000'

286°-296° byd 81 NM

300°-355° byd 40 NM



CARRABASSETT

SUGARLOAF RGNL (B21) 1 N UTC-5(-4DT) N45°05.12' W70°12.98'

MONTREAL

880 TPA—2880(2000) NOTAM FILE BGR

L-32H

RWY 17-35: H2797X75 (ASPH) S-12 0.8% up N

IAP

RWY 17: Road.

RWY 35: Thld dsplcd 89'. Bldg.

SERVICE: FUEL 100LL, MOGAS

AIRPORT REMARKS: Unattended. VFR ops only. Deer, moose and turkey on and in/ovf arpt. Call 207-350-1415 to ck arpt conds. High trm 4237' MSL north/east/west of arpt. Rwy 17-35 snowmobile/ATV trail 40' fm west side of rwy, north of ramp. Rwy 17-35 mkgcs faded.

AIRPORT MANAGER: 207-350-1415

WEATHER DATA SOURCES: AWOS-AV 120.0.

COMMUNICATIONS: CTAF/UNICOM 122.8

Ⓡ **BOSTON CENTER APP/DEP CON** 120.25 124.25

CLEARANCE DELIVERY PHONE: For CD ctc Boston ARTCC at 603-879-6859.

RADIO AIDS TO NAVIGATION: NOTAM FILE AUG.

AUGUSTA (VL) (DH) VOR/DME 114.95 AUG Chan 96(Y)

N44°19.20' W69°47.79' 357° 49.3 NM to fld. 349/18W.

VOR unusable:

005°-015° byd 10 NM blo 7,000'

018°-050° byd 40 NM

055°-058° byd 40 NM

065°-089° byd 40 NM

075°-089° byd 25 NM blo 3,000'

090°-115° byd 15 NM

116°-175° byd 40 NM

116°-189° byd 25 NM blo 3,000'

188°-207° byd 40 NM

190°-205° byd 10 NM blo 5,000'

206°-220° byd 25 NM blo 3,000'

208°-213° byd 40 NM blo 3,000'

208°-213° byd 49 NM blo 7,000'

208°-213° byd 68 NM

225°-245° byd 40 NM

246°-256° byd 40 NM blo 7,000'

246°-256° byd 53 NM

257°-261° byd 40 NM

271°-275° byd 40 NM

300°-353° byd 40 NM

DME unusable:

010°-070° byd 25 NM blo 7,000'

071°-143° byd 25 NM blo 3,000'

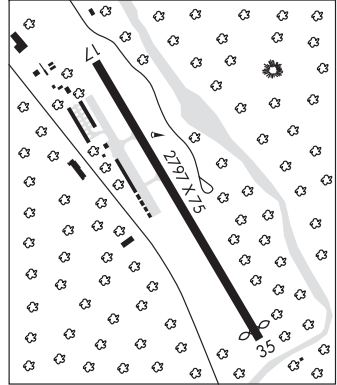
144°-154° byd 25 NM blo 7,000'

155°-189° byd 25 NM blo 3,000'

190°-205° byd 10 NM blo 5,000'

206°-220° byd 25 NM blo 3,000'

221°-285° byd 15 NM blo 6,000'



CENTRAL MAINE/NORRIDGEWOCK (See NORRIDGEWOCK on page 79)

CHARLES A CHASE JR MEML FLD (See DOVER/FOXCROFT on page 67)

CHESUNCOOK

CHESUNCOOK LAKE HOUSE SPB (1ME) 0 N UTC-5(-4DT) N46°03.65' W69°24.57'

MONTREAL

942 NOTAM FILE BGR

WATERWAY ALL-WAY: 15000X1100 (WATER)

SEAPLANE REMARKS: Attended irregularly. Unattended in Apr. Fuel avbl only in emerg. For svcs call 207-745-5330 in advance.

Longest length avbl northwest/southeast.

AIRPORT MANAGER: 207-745-5330

COMMUNICATIONS: CTAF 122.9

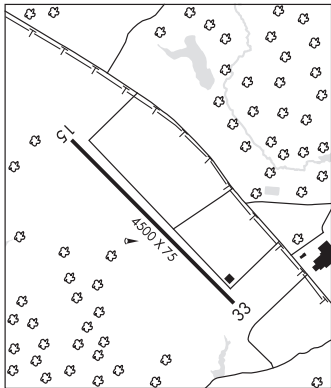
CLEARANCE DELIVERY PHONE: For CD ctc Boston ARTCC at 603-879-6859.

NUGENT CHAMBERLAIN LAKE SPB (39B) 11 NE UTC-5(-4DT) N46°12.15' W69°14.42' **MONTREAL**
 945 NOTAM FILE BGR
WATERWAY 13W-31W: 15000X1100 (WATER)
SEAPLANE REMARKS: Attended continuously. For svcs call 207-944-5991 in advance.
AIRPORT MANAGER: 207-944-5991
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Boston ARTCC at 603-879-6859.

CURRIER'S SPB (See GREENVILLE JUNCTION on page 72)

CUTLER RGNL (ME2) 2 W UTC-5(-4DT) N44°40.80' W67°15.86' **HALIFAX**
 55 NOTAM FILE BGR
RWY 09-27: 2950X40 (GRVL)
RWY 09: P-line.
RWY 27: Tree. Rgt tfc.
AIRPORT REMARKS: Unattended. Arpt clsd Nov through Apr. Wildlife on and invof arpt. Land Rwy 27 when wind is lgt and variable. Rwy 09-27 grvl stabilized with grass. Rwy 09-27 center 20' of rwy well mowed.
AIRPORT MANAGER: 207-266-3797
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Boston ARTCC at 603-879-6859.

DEBLOIS FLIGHT STRIP (43B) 2 SE UTC-5(-4DT) N44°43.61' W67°59.48' **HALIFAX**
 218 NOTAM FILE BGR
RWY 15-33: H4500X75 (ASPH) S-84, D-200, 2D-400 **L-321**
AIRPORT REMARKS: Unattended. Clsd winter months except to ski acft. **IAP**
 Pavement drop-offs at thlds of Rwy 15 and Rwy 33 in excess of 5".
 Rwy could have loose grvl trkd onto sfc by vehicular tfc. Men and equip could be near or on rwy sfc durg summer months. Dalgt use only. Rwy 15 nrs and cntrln faded or misg. Rwy 33 nrs and cntrln faded or misg.
AIRPORT MANAGER: 207-941-4502
COMMUNICATIONS: CTAF 122.9
 Ⓡ **BOSTON CENTER APP/DEP CON** 124.25
CLEARANCE DELIVERY PHONE: For CD ctc Boston ARTCC at 603-879-6859.
RADIO AIDS TO NAVIGATION: NOTAM FILE BGR.
BANGOR (VH) (H) VORTACW 114.8 BGR Chan 95 N44°50.51' W68°52.44' 119° 38.3 NM to fld. 360/19W.



DEWITT FLD/OLD TOWN MUNI (See OLD TOWN on page 80)

DEXTER RGNL (1B0) 3 E UTC-5(-4DT) N45°00.27' W69°14.25'

MONTREAL
L-32H
IAP

533 B NOTAM FILE BGR
RWY 16-34: H3008X75 (ASPH) S-30 MIRL
RWY 07-25: 1249X120 (TURF) 0.6% up W
SERVICE: FUEL 100LL, MOGAS LGT ACTIVATE MIRL Rwy
 16-34—CTAF.

AIRPORT REMARKS: Unattended. 24 hr fuel with major credit card, no ethanol in MOGAS. Wildlife on or invof arpt.

AIRPORT MANAGER: 207-270-0239

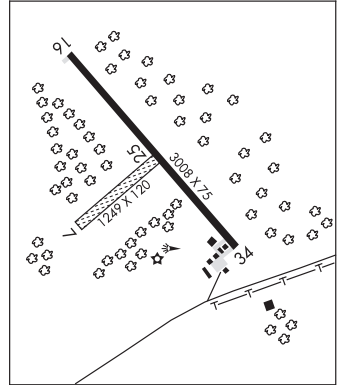
COMMUNICATIONS: CTAF/UNICOM 122.8

Ⓡ **BANGOR APP/DEP CON** 118.925

CLEARANCE DELIVERY PHONE: For CD ctc Bangor Apch at 207-561-2500 ext 1.

RADIO AIDS TO NAVIGATION: NOTAM FILE BGR.

BANGOR (VH) (H) VORTACW 114.8 BGR Chan 95 N44°50.51'
 W68°52.44' 321° 18.3 NM to fld. 360/19W.



DOVER/FOXCROFT

CHARLES A CHASE JR MEML FLD (44B) 1 SW UTC-5(-4DT) N45°10.65' W69°14.68'

MONTREAL

520 NOTAM FILE BGR
RWY 09-27: 2926X75 (TURF) 1.3% up E
RWY 09: Trees.
RWY 27: Trees.

AIRPORT REMARKS: Unattended. Deer on and invof arpt. Rwy 09-27 thlds unmarked and undefined. Rwy 09-27 has 2"+ rock in center of rwy 400'-600' from Rwy 9 thld. No line of sight between rwy ends. Rwy 27 +12' rock and dirt pile 250' from thld and 90' right. Rwy 27 +10' roadway 110' from thld across the rwy. Rwy 27, +60' trees 300' from thld across apch.

AIRPORT MANAGER: 207-279-0156

COMMUNICATIONS: CTAF 122.9

CLEARANCE DELIVERY PHONE: For CD ctc Boston ARTCC at 603-879-6859.

DUNNS N44°24.66' W69°51.64' NOTAM FILE AUG.

MONTREAL

NDB (LOMW) 366 AU 171° 6.1 NM to Augusta State. 238/18W.

L-32H

EAST WINTHROP

LAKESIDE LODGE AND MARINA SPB (03M) 4 E UTC-5(-4DT) N44°18.91' W69°53.22'

MONTREAL

165 NOTAM FILE BGR

WATERWAY 02W-20W: 3800X200 (WATER)

SEAPLANE REMARKS: Attended 1200-0200Z†. Daytime use only. Hvy boat tfc on wkdns. For fuel check at motel. Rwy 02W end east of lighthouse, Rwy 20W end east of south tip Hershey Island.

AIRPORT MANAGER: 207-395-6741

COMMUNICATIONS: CTAF 122.9

CLEARANCE DELIVERY PHONE: For CD ctc Portland Apch at 207-874-7320, when Apch clsd ctc Boston ARTCC at 603-879-6859.

EASTERN SLOPES RGNL (See FRYEBURG on page 70)

EASTPORT MUNI (EPM)(KEPM) 1 W UTC-5(-4DT) N44°54.61' W67°00.76'

45 B LRA NOTAM FILE EPM

RWY 15-33: H4002X75 (ASPH) S-30 MIRL 0.3% up SE

RWY 15: REIL. Tree.

RWY 33: REIL. PAPI(P2L)—GA 3.28° TCH 44'.

SERVICE: S4 FUEL 100LL, JET A+ LGT ACTIVATE REIL Rwy 15, Rwy 33, PAPI Rwy 33, MIRL Rwy 15-33—CTAF.

AIRPORT REMARKS: Unattended. Deer and nmrs birds on and invof rwy. 24 hr self-svc fuel avbl with credit card. Jet-A fuel pump lmt'd to ovr wing gravity rflg ops. 40-50 ft obstn lgts on poles 250 ft R of cntrln near Rwy 15 end & apch area. Req cust at 207-853-4313.

AIRPORT MANAGER: 207-214-4751

WEATHER DATA SOURCES: AWOS-AV 122.8 (207) 853-0682. Frequency: 3 clicks to actvt.

COMMUNICATIONS: CTAF/UNICOM 122.8

Ⓡ **BOSTON CENTER APP/DEP CON** 124.25

CLEARANCE DELIVERY PHONE: For CD ctc Boston ARTCC at 603-879-6859.

RADIO AIDS TO NAVIGATION: NOTAM FILE BGR.

PRINCETON (L) DME 114.3 PNN Chan 90 N45°19.75'

W67°42.25' 130° 38.7 NM to fld. 398.

DME unusable:

300°-330° byd 25 NM blo 4,500'

HALIFAX

L-321

IAP



ELIOT

SEACOAST AIRFIELD (3B4) 2 SE UTC-5(-4DT) N43°08.59' W70°46.41'

125 NOTAM FILE BGR

RWY 12-30: H2701X50 (ASPH) S-8 0.7% up NW

RWY 12: Trees.

RWY 30: Thld dsplcd 86', Trees.

AIRPORT REMARKS: Unattended. Birds & deer on & invof arpt.

AIRPORT MANAGER: 949-378-8405

COMMUNICATIONS: CTAF 122.9

Ⓡ **BOSTON APP/DEP CON** 125.05

CLEARANCE DELIVERY PHONE: For CD ctc Boston Apch at 603-594-5551.

RADIO AIDS TO NAVIGATION: NOTAM FILE BGR.

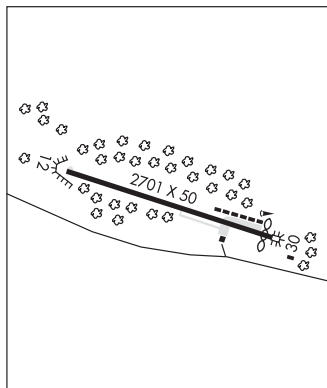
ROLLINS NDB (MHW) 260 ESG N43°13.21'

W70°49.70' 168° 5.2 NM to fld. 72/16W.

NEW YORK

L-32H, 33D

IAP



FRENCHVILLE

NORTHERN AROOSTOOK RGNL (FVE)(KFVE) 3 E UTC-5(-4DT) N47°17.13' W68°18.76'

HALIFAX

987 B LRA NOTAM FILE FVE
RWY 14-32: H4600X75 (ASPH) S-25 MIRL

L-32I

RWY 14: REIL.

IAP

RWY 32: REIL. PAPI(P4L)—GA 3.0° TCH 40'.

SERVICE: FUEL 100LL, JET A LGT Actvt REIL Rwy 14 and 32; PAPI Rwy 32; MIRL Rwy 14-32—CTAF.

AIRPORT REMARKS: Attended Mon-Fri 1330-2200Z†, Sat and Sun 1500-2100Z†. Wildlife on and invof arpt. For fuel aft hrs call AMGR 207-436-1350. Ldg fee.

AIRPORT MANAGER: 207-543-6300

WEATHER DATA SOURCES: ASOS 135.725 (207) 543-7456.

COMMUNICATIONS: CTAF/UNICOM 122.7

® **BOSTON CENTER APP/DEP CON** 124.75

CLEARANCE DELIVERY PHONE: For CD ctc Boston ARTCC at 603-879-6859.

RADIO AIDS TO NAVIGATION: NOTAM FILE PQI.

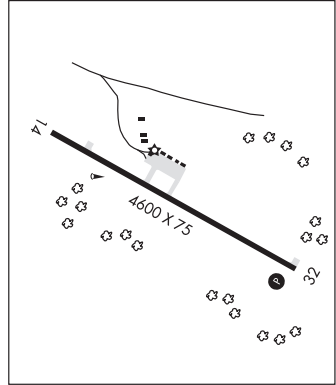
PRESQUE ISLE (VH) (DH) VORW/DME 116.4 PQI Chan 111
 N46°46.45' W68°05.67' 005° 32.0 NM to fld. 592/21W.

DME unusable:

180°-200° byd 30 NM blo 3,400'

VOR unusable:

- 000°-030° byd 40 NM
- 040°-070° byd 40 NM
- 080°-090° byd 40 NM
- 130°-165° byd 40 NM
- 180°-185° byd 40 NM
- 200°-210° byd 40 NM
- 220°-235° byd 40 NM blo 19,000'
- 236°-260° byd 40 NM
- 270°-280° byd 40 NM
- 286°-296° byd 40 NM blo 8,000'
- 286°-296° byd 81 NM
- 300°-355° byd 40 NM



FRYEBURG

EASTERN SLOPES RGNL (IZG)(KIZG) 3 SE UTC-5(-4DT) N43°59.47' W70°56.87'

NEW YORK
L-32H
IAP

455 B NOTAM FILE IZG

RWY 14-32: H4200X75 (ASPH) S-30 MIRL 0.8% up NW

RWY 32: REIL. VASI(V2L)—GA 3.0° TCH 17'. Trees.

SERVICE: S4 **FUEL** 100LL, JET A+ **LGT** Actvt MIRL Rwy 14-32—CTAF.
Rwy 32 VASI unusbl byd 7° L and R of cntrln.

AIRPORT REMARKS: Attended 1300-2200Z‡. Birds and deer on and in/of arpt. 24 hr credit card fuel: For 100LL, call-out fee, for Jet A after hrs 207-935-4711 (FBO). Lgt'd hills in apch to Rwy 14, 4500' north, 7000' southwest, 10000' northwest. Cold temperature airport.
Altitude correction required at or below -29C.

AIRPORT MANAGER: 207-890-7636

WEATHER DATA SOURCES: ASOS 135.775 (207) 935-2882.

COMMUNICATIONS: CTAF/UNICOM 122.8

FRYEBURG RCO 122.55 (BANGOR RADIO)

® PORTLAND APP/DEP CON 119.75 (1045-0500Z‡)

BOSTON CENTER APP/DEP CON 128.2 (0500-1045Z‡)

CLNC DEL 122.55 (Bangor RADIO)

CLEARANCE DELIVERY PHONE: For CD ctc Portland Apch at 207-874-7320, when Apch clsd ctc Boston ARTCC at 603-879-6859.

RADIO AIDS TO NAVIGATION: NOTAM FILE BGR.

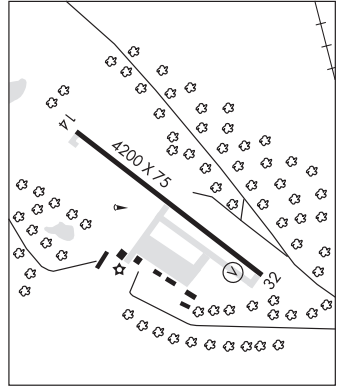
KENNEBUNK (VH) (DH) VORW/DME 117.1 ENE Chan 118
N43°25.54' W70°36.81' 354° 36.9 NM to fld. 192/17W.

DME unusable:

- 030°-184° byd 25 NM blo 2,000'
- 185°-230° byd 25 NM blo 2,500'
- 268°-278° byd 30 NM blo 4,600'

VOR unusable:

- 017°-040° byd 40 NM
- 130°-133° byd 40 NM
- 192°-202° byd 40 NM blo 2,500'
- 192°-202° byd 48 NM blo 5,000'
- 192°-202° byd 69 NM
- 203°-294° byd 40 NM
- 295°-305° byd 40 NM blo 5,000'
- 295°-305° byd 52 NM
- 306°-359° byd 40 NM



GILLESPIE FLD (See MEDDYBEMPS on page 76)

GREATON AIRFIELD (See SACO on page 87)

GREENVILLE

GREENVILLE MUNI (3B1) 2 E UTC-5(-4DT) N45°27.77' W69°33.10'

MONTREAL
L-32H
IAP

1402 B NOTAM FILE BGR

RWY 14-32: H4000X75 (ASPH) S-12.5 MIRL 0.3% up NW

RWY 14: REIL. PAPI(P4R)—GA 3.0° TCH 40'.

RWY 32: PAPI(P4L)—GA 3.1° TCH 40'.

RWY 03-21: H3001X75 (ASPH) S-12.5 0.9% up NE

RWY 03: Tree.

SERVICE: S4 **FUEL** 100LL, JET A **LGT** Dusk-Dawn. Actvt REIL Rwy 14; PAPI Rwy 14; MIRL Rwy 14-32—CTAF. Rwy 14 PAPI unusbl byd 8 degs R of cntrln.

AIRPORT REMARKS: Attended 1300-2200Z. Moose, deer & otr wildlife on & invof arpt. 24 hr 100LL fuel avbl with major credit card. Cold temperature airport. Altitude correction required at or below -18C.

AIRPORT MANAGER: 207-695-2421

WEATHER DATA SOURCES: AWOS-A 124.175 (207) 695-2581. Altim relayed through unicom on request.

COMMUNICATIONS: CTAF/UNICOM 122.8

RCO 122.3 (BANGOR RADIO)

Ⓡ **BOSTON CENTER APP/DEP CON** 120.25

CLNC DEL 122.3 (BANGOR RADIO)

RADIO AIDS TO NAVIGATION: NOTAM FILE MLT.

MILLINOCKET (VH) (DH) VOR/DME 117.9 MLT Chan 126

N45°35.20' W68°30.93' 281° 44.3 NM to fld. 553/20W.

DME unusable:

330°-350° byd 35 NM blo 6,000'

VOR unusable:

030°-040° byd 40 NM

272°-278° byd 40 NM

279°-289° byd 40 NM blo 5,900'

279°-289° byd 82 NM

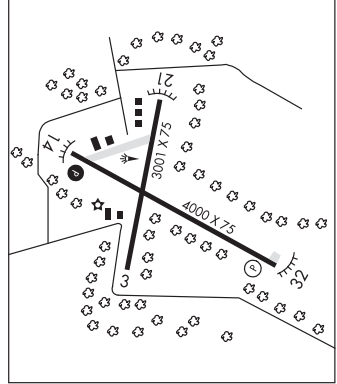
290°-297° byd 40 NM

330°-340° byd 35 NM blo 6,000'

334°-343° byd 40 NM

349°-355° byd 40 NM

COMM/NAV/WEATHER REMARKS: Be alert: mnt CTAF 122.9 for lcl SPB tfc nearby (52B and 21M) if able.



MOOSEHEAD AERO MARINE SPB (52B) 0 N UTC-5(-4DT) N45°28.48' W69°36.23'

MONTREAL
L-32H
IAP

1028 NOTAM FILE BGR

WATERWAY 14W-32W: 6000X1200 (WATER)

WATERWAY 18W-36W: 5000X1000 (WATER)

SEAPLANE REMARKS: Unattended. Cold temperature airport. Altitude correction required at or below -22C.

AIRPORT MANAGER: 207-299-4522

COMMUNICATIONS: CTAF 122.9

Ⓡ **BOSTON CENTER APP/DEP CON** 120.25

CLEARANCE DELIVERY PHONE: For CD etc Boston ARTCC at 603-879-6859.

RADIO AIDS TO NAVIGATION: NOTAM FILE MLT.

MILLINOCKET (VH) (DH) VOR/DME 117.9 MLT Chan 126 N45°35.20' W68°30.93' 282° 46.4 NM to fld.

553/20W.

DME unusable:

330°-350° byd 35 NM blo 6,000'

VOR unusable:

030°-040° byd 40 NM

272°-278° byd 40 NM

279°-289° byd 40 NM blo 5,900'

279°-289° byd 82 NM

290°-297° byd 40 NM

330°-340° byd 35 NM blo 6,000'

334°-343° byd 40 NM

349°-355° byd 40 NM

COMM/NAV/WEATHER REMARKS: Be alert: Nearby 21M Currier's SPB (1.1 mi west) utilize same CTAF 122.9 mnt 3B1 CTAF 122.8 if able for lcl tfc.

GREENVILLE JUNCTION**CARRIER'S SPB** (21M) 0 N UTC-5(-4DT) N45°28.70' W69°37.16'

MONTREAL

1029 NOTAM FILE BGR

WATERWAY 18W-36W: 10000X3000 (WATER)**WATERWAY 36W:** Rgt ttc.

SEAPLANE REMARKS: Attended May-Oct dalgt hrs. Nov-Apr unattended. SPB may be unusable from mid-Nov to mid-May due to fall ice formation, spring ice break-up and other adverse conditions. Actvt may rqr skis during winter months due to frozen sfc conditions. For SPB conditions call 207-695-2778. 150' radio twr 200' W of sealane and 150' radio twr 1000' SW of sealane. Be alert for recreational boats during summer months and snowmobiles during winter months. Be alert: nearby 52B Moosehead Aero Marine SPB (1.1 mi east) utilize same CTAF 122.9.

AIRPORT MANAGER: 207-695-2778**COMMUNICATIONS:** CTAF 122.9**CLEARANCE DELIVERY PHONE:** For CD ctc Boston ARTCC at 603-879-6859.

COMM/NAV/WEATHER REMARKS: Be alert: Nearby 52B Moosehead Aero Marine SPB (1.1 mi east) utilize same CTAF 122.9 mnt 3B1 CTAF 122.8 if able for lcl ttc.

GRIFFIN FLD (See LEVANT on page 74)**HANCOCK CO/BAR HARBOR** (See BAR HARBOR on page 60)**HOULTON INTL** (HUL)(KHUL) 2 E UTC-5(-4DT) N46°07.48' W67°47.54'

HALIFAX

489 B AOE NOTAM FILE HUL

H-11D, L-321

RWY 05-23: H5015X100 (ASPH-GRVD) S-30, D-57 MIRL

IAP, AD

RWY 05: REIL. PAPI(P4L)—GA 3.0° TCH 43'.**RWY 23:** REIL. Tree.**RWY 01-19:** H2700X60 (ASPH)**RWY 19:** Pole.

SERVICE: S4 FUEL 100LL, JET A, A+ LGT Dusk-Dawn. Actvt REIL Rwy 05 and 23; PAPI Rwy 05; MIRL Rwy 05-23—CTAF.

AIRPORT REMARKS: Attended Mon-Fri 1200-2200Zt. Deer on and invof arpt. For Jet A fuel after hrs call 207-538-7997. 100LL is avbl 24 hrs with major credit card. USDA recatering facility avbl. For after hrs access to terminal building use frequency 122.8. Flight Notification Service (ADCUS) available.

AIRPORT MANAGER: (207) 532-1325**WEATHER DATA SOURCES:** ASOS 132.025 (207) 532-1584.**COMMUNICATIONS:** CTAF/UNICOM 122.8

RCO 122.2 (BANGOR RADIO)

Ⓡ BOSTON CENTER APP/DEP CON 120.25

CLEARANCE DELIVERY PHONE: For CD if una to ctc on FSS freq, ctc Boston ARTCC at 603-879-6859.

AIRSPACE: CLASS E.**RADIO AIDS TO NAVIGATION:** NOTAM FILE MLT.

MILLINOCKET (VH) (DH) VOR/DME 117.9 MLT Chan 126 N45°35.20' W68°30.93' 063° 44.3 NM to fld.

553/20W.

DME unusable:

330°-350° byd 35 NM blo 6,000'

VOR unusable:

030°-040° byd 40 NM

272°-278° byd 40 NM

279°-289° byd 40 NM blo 5,900'

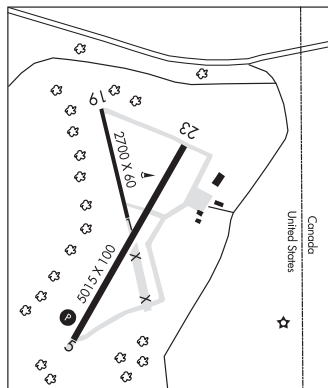
279°-289° byd 82 NM

290°-297° byd 40 NM

330°-340° byd 35 NM blo 6,000'

334°-343° byd 40 NM

349°-355° byd 40 NM



ISLESBORO (57B) 1 W UTC-5(-4DT) N44°18.15' W68°54.64'

HALIFAX

88 NOTAM FILE BGR
RWY 01-19: H2400X50 (ASPH) 0.7% up N
RWY 01: Thld dsplcd 250'. Trees.
RWY 19: Road.

NOISE: Noise abatement mntn rwy hdg to 1000' AGL.

AIRPORT REMARKS: Unattended. Arprt clsd nghts, daytime use only. Deer on and invof arprt. No touch and go ops. Helipad NW corner of ramp.

AIRPORT MANAGER: 207-734-2253

COMMUNICATIONS: CTAF 122.9

Ⓡ BANGOR APP/DEP CON 118.925

CLEARANCE DELIVERY PHONE: For CD ctc Bangor Apch at 207-561-2500 ext 1.

HELIPAD H1: H40X40 (ASPH)

JACKMAN

MOOSE RIVER SPB (60B) 0 W UTC-5(-4DT) N45°38.00' W70°15.97'

MONTREAL

1157 LRA NOTAM FILE BGR
WATERWAY 09W-27W: 5500X200 (WATER)
WATERWAY 01W-19W: 4000X4000 (WATER)

SEAPLANE REMARKS: Unattended. For attendant call 207-668-7777 or 207-356-8794 (cell) or 207-399-2503. Taxi past dock, make left-hand turn-a-round in river at wide area and be aware of boat canopies. No wake rule in effect on river. Flight Notification Service (ADCUS) avbl.

AIRPORT MANAGER: (207) 356-8794

COMMUNICATIONS: CTAF 122.9

CLEARANCE DELIVERY PHONE: For CD ctc Boston ARTCC at 603-879-6859.

NEWTON FLD (59B) 1 W UTC-5(-4DT) N45°37.95' W70°14.85'

MONTREAL

1178 B LRA NOTAM FILE BGR

L-32H

RWY 13-31: H3601X75 (ASPH) MIRL

IAP

RWY 13: Tree.
RWY 31: REIL. Tree.

SERVICE: FUEL 100LL LGT ACTIVATE REIL Rwy 31 and MIRL Rwy 13-31 —CTAF.

AIRPORT REMARKS: Unattended. Fuel avbl 24 hrs with major credit card. Geese, deer and moose on and invof arprt. Flight Notification Service (ADCUS) available. Cold temperature airport. Altitude correction required at or below -21C.

AIRPORT MANAGER: 207-668-2111

WEATHER DATA SOURCES: AWOS-3 122.9.

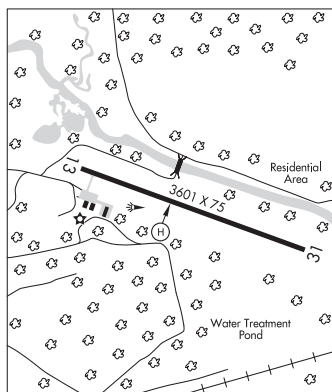
COMMUNICATIONS: CTAF 122.9

Ⓡ BOSTON CENTER APP/DEP CON 120.25

CLEARANCE DELIVERY PHONE: For CD ctc Boston ARTCC at 603-879-6859.

COMM/NAV/WEATHER REMARKS: Monitor UNICOM frequency 122.9 within vicinity of arprt.

HELIPAD H1: 125X80 (TURF)



KENNEBUNK N43°25.54' W70°36.81' NOTAM FILE BGR.

NEW YORK

(VH) (DH) VOR/DME 117.1 ENE Chan 118 262° 4.6 NM to Sanford Seacoast Rgnl. 192/17W.

H-11D, L-32H

DME unusable:
030°-184° byd 25 NM blo 2,000'
185°-230° byd 25 NM blo 2,500'
268°-278° byd 30 NM blo 4,600'

VOR unusable:
017°-040° byd 40 NM
130°-133° byd 40 NM
192°-202° byd 40 NM blo 2,500'
192°-202° byd 48 NM blo 5,000'
192°-202° byd 69 NM
203°-294° byd 40 NM
295°-305° byd 40 NM blo 5,000'
295°-305° byd 52 NM
306°-359° byd 40 NM

KNOX CO RGNL (See ROCKLAND on page 86)

LAKESIDE LODGE AND MARINA SPB (See EAST WINTHROP on page 67)

LEVANT

GRIFFIN FLD (PG1) 2 E UTC-5(-4DT) N44°52.06' W68°58.63'

MONTREAL

200 NOTAM FILE BGR

RWY 11-29: 2440X175 (TURF)

RWY 11: P-line.

RWY 29: Trees.

RWY 04-22: 1800X60 (TURF) LIRL(NSTD)

RWY 04: Trees.

RWY 22: Trees.

SERVICE: FUEL MOGAS LGT ACTIVATE NSTD LIRL Rwy 04-22—CTAF. Rwy 04-22 NSTD LIRL 300' between lgts, single green thld lgt on each side of thld.

AIRPORT REMARKS: Unattended. Phone 207-884-8283. Deer and deer on and invof arpt. Windssock mounted on top of swing set, additional windsock near midpoint of Rwy 04-22. Rwy 04 additional 500' clear area byd thld at NE end. Rwy 22 additional 160' clear area beyond thld lights at SW end. Rwy 11 preferred rwy for tkof. Rwy 04 clnc slope to lgts 5:1 due to 58' trees 315' fm end of rwy, 135' L of cntrln.

AIRPORT MANAGER: 207-951-2281

COMMUNICATIONS: CTAF 122.9

CLEARANCE DELIVERY PHONE: For CD ctc Bangor Apch at 207-561-2500 ext 1.

LIMINGTON-HARMON (63B) 3 N UTC-5(-4DT) N43°45.78' W70°40.35'

NEW YORK

292 TPA—1392(1100) NOTAM FILE BGR

L-32H

RWY 11-29: H2973X50 (ASPH) LIRL(NSTD) 0.4% up W

RWY 11: Trees.

RWY 29: Trees.

SERVICE: FUEL 100LL LGT ACTIVATE LIRL Rwy 11-29 5 clicks—CTAF.

AIRPORT REMARKS: Unattended. Wildlife on or invof arpt. 24 hr self-serve fuel with major credit card. Rwy 11-29 NSTD LIRL. Rwy 29 has 1 thld lgt 175' from thld. Rwy 11 has 2 thld lgt 320' from thld. Rwy lgts spaced at 400', many lgts missing. Rwy 11 mkd as basic. Nrs dsplcd 145' fm thld. Rwy 29 mkd as basic. Nrs dsplcd 167' fm thld, nrs and cntrln faded. Rwy 11-29 svrly cracked, shallow potholes, loose aggregate on rwy.

AIRPORT MANAGER: 207-318-4427

COMMUNICATIONS: CTAF/UNICOM 122.7

APP/DEP CON 119.75

CLEARANCE DELIVERY PHONE: For CD ctc Portland Apch at 207-874-7320, when Apch clsd ctc Boston ARTCC at 603-879-6859.

RADIO AIDS TO NAVIGATION: NOTAM FILE BGR.

KENNEBUNK (VH) (DH) VORW/DME 117.1 ENE Chan 118

N43°25.54' W70°36.81' 010° 20.4 NM to fld. 192/17W.

DME unusable:

030°-184° byd 25 NM blo 2,000'

185°-230° byd 25 NM blo 2,500'

268°-278° byd 30 NM blo 4,600'

VOR unusable:

017°-040° byd 40 NM

130°-133° byd 40 NM

192°-202° byd 40 NM blo 2,500'

192°-202° byd 48 NM blo 5,000'

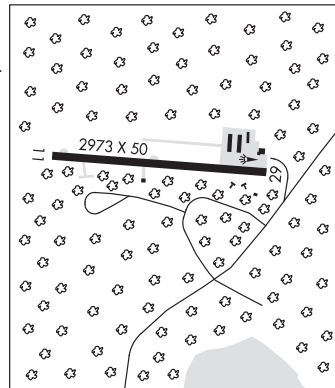
192°-202° byd 69 NM

203°-294° byd 40 NM

295°-305° byd 40 NM blo 5,000'

295°-305° byd 52 NM

306°-359° byd 40 NM



LINCOLN RGNL (LRG)(KLRG) 2 SW UTC-5(-4DT) N45°21.71' W68°32.07'
 208 B NOTAM FILE BGR
RWY 16-34: H2805X60 (ASPH) S-25 MIRL

HALIFAX
 L-321
 IAP

RWY 16: REIL. Trees.
RWY 34: REIL. Trees.
SERVICE: FUEL 100LL LGT ACTVT REIL Rwy 16 and 34; MIRL Rwy 16-34—CTAF.

AIRPORT REMARKS: Unattended. Wildlife on and invof arpt. 24 hr fuel with major credit card.

AIRPORT MANAGER: 207-794-3372
COMMUNICATIONS: CTAF/UNICOM 122.8

Ⓡ **BOSTON CENTER APP/DEP CON** 124.25

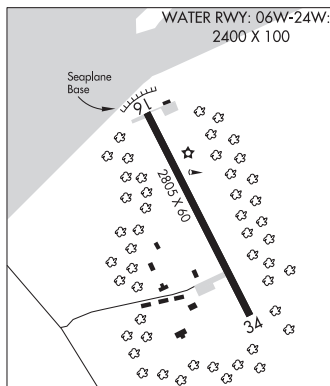
CLEARANCE DELIVERY PHONE: For CD ctc Boston ARTCC at 603-879-6859.

RADIO AIDS TO NAVIGATION: NOTAM FILE MLT.

MILLINOCKET (VH) (DH) VOR/DME 117.9 MLT Chan 126
 N45°35.20' W68°30.93' 203° 13.5 NM to fld. 553/20W.

DME unusable:
 330°-350° byd 35 NM blo 6,000'

VOR unusable:
 030°-040° byd 40 NM
 272°-278° byd 40 NM
 279°-289° byd 40 NM blo 5,900'
 279°-289° byd 82 NM
 290°-297° byd 40 NM
 330°-340° byd 35 NM blo 6,000'
 334°-343° byd 40 NM
 349°-355° byd 40 NM



• • • • •
WATERWAY 06W-24W: 2400X100 (WATER)

WATERWAY 06W: P-line.

WATERWAY 24W: Trees.

SEAPLANE REMARKS: Rwy 06W-24W follow buoys under bridge during low water in summer. 40' bridge at S end water Idg area.

LIVERMORE FALLS

BOWMAN FLD (B1Ø) 4 SE UTC-5(-4DT) N44°24.60' W70°08.77'
 324 TPA-1674(1350) NOTAM FILE BGR
RWY 02-20: 2201X120 (TURF) 0.3% up N

MONTREAL

RWY 02: Tree.
RWY 20: Tree.

AIRPORT REMARKS: Unattended. Rwy not plowed in winter, no ngt ops except in emerg. Rwy 02-20 soft in places aft rain, call arpt manager for rwy conds. Rwy 02-20 190' x 200' clear area byd thr to the NE. Rwy 02-20 800' x 160' clear area byd thr to Rwy 02 SW. Rwy 02 40' to 70' trees first 800' fm thld, both sides. Rwy 02-20 ends marked with yellow barrels at thr, white 2' x 2' mksr alg sides.

AIRPORT MANAGER: 207-897-5104
COMMUNICATIONS: CTAF 122.9

CLEARANCE DELIVERY PHONE: For CD ctc Portland Apch at 207-874-7320, when Apch clsd ctc Boston ARTCC at 603-879-6859.

LONG LAKE SPB (See SINCLAIR on page 88)

LONG LAKE SPB (See NAPLES on page 78)

LUBEC MUNI (65B) 2 W UTC-5(-4DT) N44°50.19' W67°01.62'
 85 B LRA NOTAM FILE BGR
RWY 08-26: 2024X100 (TURF-GRVL) LIRL

HALIFAX

RWY 08: Trees.
RWY 26: Tree.

SERVICE: LGT ACTVT LIRL Rwy 08-26 and rotating bcn—CTAF.

AIRPORT REMARKS: Unattended. Deer on and invof arpt. 24 hr emerg calls to fire stn 733-4641. Customs on reg 207-733-4331.

AIRPORT MANAGER: 207-733-2341
COMMUNICATIONS: CTAF/UNICOM 122.8

CLEARANCE DELIVERY PHONE: For CD ctc Boston ARTCC at 603-879-6859.

LUCKY LANDING MARINA SPB (See BANGOR on page 60)**MACHIAS VALLEY** (MVM)(KMVM) 1 SW UTC-5(-4DT) N44°42.19' W67°28.72'

96 B NOTAM FILE BGR

RWY 18-36: H2880X60 (ASPH) S-12.5 MIRL 0.9% up N**RWY 36:** REIL. Pole.**SERVICE:** FUEL 100LL LGT ACTVT REIL Rwy 36; MIRL Rwy 18-36—CTAF.**AIRPORT REMARKS:** Unattended. Deer and wildlife on and invof arpt.

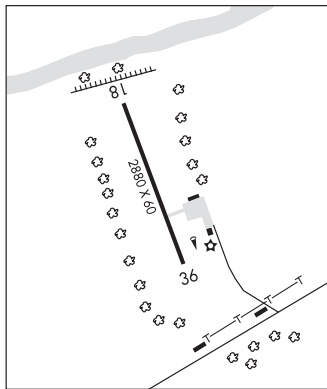
100LL fuel 24 hr self svc with major credit card.

AIRPORT MANAGER: 207-271-0808**WEATHER DATA SOURCES:** AWOS-AV 122.8 (207) 255-2511.**COMMUNICATIONS:** CTAF/UNICOM 122.8Ⓡ **BOSTON CENTER APP/DEP CON** 124.25**CLNC DEL** 122.5 (BANGOR RADIO)**CLEARANCE DELIVERY PHONE:** For CD ctc Boston ARTCC at 603-879-6859.**RADIO AIDS TO NAVIGATION:** NOTAM FILE BGR.**BANGOR (VH) (H) VORTACW** 114.8 BGR Chan 95 N44°50.51' W68°52.44' 116° 60.2 NM to fld. 360/19W.

HALIFAX

L-321

IAP

**MEDDYBEMPS****GILLESPIE FLD** (66B) 1 W UTC-5(-4DT) N45°01.78' W67°21.96'

200 NOTAM FILE BGR

RWY 16-34: 1635X50 (TURF)**RWY 16:** Trees.**RWY 34:** Trees.**AIRPORT REMARKS:** Unattended. Rwy 16-34 temporarily CLOSED and not being mntrd. Rwy not plowed winter months. 36' pwr ln 280' N of Rwy 16 mkd with balls.**AIRPORT MANAGER:** 603-726-6587**COMMUNICATIONS:** CTAF 122.9**CLEARANCE DELIVERY PHONE:** For CD ctc Boston ARTCC at 603-879-6859.

HALIFAX

MERRYMEETING FLD (See BOWDOINHAM on page 62)**MILLINOCKET****MILLINOCKET SPB** (7ØB) 7 NW UTC-5(-4DT) N45°43.70' W68°50.67'

492 NOTAM FILE BGR

WATERWAY ALL-WAY: 4000X500 (WATER)**SERVICE:** FUEL 100LL**SEAPLANE REMARKS:** Attended May-Oct dawn—dusk. Arpt clsd 31 Oct through 30 Apr. Water level fluctuates 10' +/- lowest in Sep and Oct. Preferred tkf and ldg direction for SPB Rwy 04-22. Significant amount of boat activity sharing sea lanes. Buoys have been added to identify rocks at low water levels. Location of buoys rqr tkf and ldg direction of Rwy 04-22 with buoys at outer edges of sea lane. Unlighted 199' cell twr located 2 SM at 132° from dock. Twr underlies downwind to baseleg of pattern when ldg to the southwest.**AIRPORT MANAGER:** 207-723-8378**COMMUNICATIONS:** CTAF 122.9**CLEARANCE DELIVERY PHONE:** For CD ctc Boston ARTCC at 603-879-6859.

HALIFAX

MILLINOCKET MUNI (MLT)(KMLT) 1 SE UTC-5(-4DT) N45°38.87' W68°41.13'
 408 B NOTAM FILE MLT MON Airport
RWY 11-29: H4713X99 (ASPH) S-30, D-44 MIRL

HALIFAX
 L-321
 IAP

RWY 11: Bldg.
RWY 29: REIL. VASI(V4R)—GA 3.0° TCH 51'. Trees.
RWY 16-34: H4000X100 (ASPH) S-30, D-44 0.5% up NW
RWY 16: Trees.
RWY 34: Road.

SERVICE: FUEL 100LL, JET A LGT ACTIVATE REIL Rwy 29, VASI Rwy 29 and MIRL Rwy 11-29—CTAF.

AIRPORT REMARKS: Attended May-Nov Mon-Fri 1300-2100Z†, Dec-Apr Mon-Fri 1300-2100Z†, May-Nov Sat-Sun 1300-2100Z†, Dec-Apr Sat-Sun unattended. Parachute Jumping. Fuel avbl 24 hrs with credit card. Jet A avbl after hrs 207-723-4375 or 207-723-6649. Wildlife on and in/ov arpt. +782' MSL communication/air quality monitoring twr located approximately 5200' from thld of Rwy 11 at 247°. Rwy 16-34 CLOSED winter months exc ski acft, snowbank crosses intersection Rwy 16-34 at Rwy 11-29 and along 1000' twy plowed center of Rwy 16-34 from intersection to south twy to ramp.

AIRPORT MANAGER: 207-723-6649

WEATHER DATA SOURCES: ASOS 135.225 (207) 723-8396.

COMMUNICATIONS: CTAF/UNICOM 122.8

RCO 122.1R 117.9T 122.6 (BANGOR RADIO)

Ⓡ **BOSTON CENTER APP/DEP CON** 120.25

CLEARANCE DELIVERY PHONE: For CD if una to ctc on FSS freq, ctc Boston ARTCC at 603-879-6859.

RADIO AIDS TO NAVIGATION: NOTAM FILE MLT.

(VH) (DH) VOR/DME 117.9 MLT Chan 126 N45°35.20' W68°30.93' 317° 8.0 NM to fld. 553/20W.

DME unusable:
 330°-350° byd 35 NM blo 6,000'

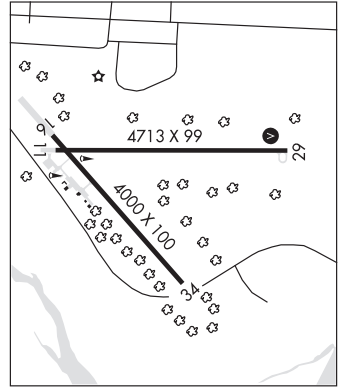
VOR unusable:
 030°-040° byd 40 NM
 272°-278° byd 40 NM
 279°-289° byd 40 NM blo 5,900'
 279°-289° byd 82 NM
 290°-297° byd 40 NM
 330°-340° byd 35 NM blo 6,000'
 334°-343° byd 40 NM
 349°-355° byd 40 NM

MILNOT NDB (H) 344 LNT N45°38.92' W68°33.02' 287° 5.7 NM to fld. 277/17W. NDB unmonitored.

NDB unusable:

Byd 15 NM

LOC 108.9 I-MLT Rwy 29.



MILLINOCKET N45°35.20' W68°30.93' NOTAM FILE MLT.

HALIFAX
 H-110, L-321

(VH) (DH) VOR/DME 117.9 MLT Chan 126 317° 8.0 NM to Millinocket Muni. 553/20W.

DME unusable:
 330°-350° byd 35 NM blo 6,000'

VOR unusable:
 030°-040° byd 40 NM
 272°-278° byd 40 NM
 279°-289° byd 40 NM blo 5,900'
 279°-289° byd 82 NM
 290°-297° byd 40 NM
 330°-340° byd 35 NM blo 6,000'
 334°-343° byd 40 NM
 349°-355° byd 40 NM

RCO 122.6 (BANGOR RADIO)

RCO 122.1R 117.9T (BANGOR RADIO)

MILNOT N45°38.92' W68°33.02' NOTAM FILE MLT.

HALIFAX
 L-321

NDB (H) 344 LNT 287° 5.7 NM to Millinocket Muni. 277/17W. NDB unmonitored.

NDB unusable:

Byd 15 NM

MOOSE RIVER SPB (See JACKMAN on page 73)

MOOSEHEAD AERO MARINE SPB (See GREENVILLE on page 71)

NAPLES

BRANDY POND SPB (5ME) 1 SE UTC-5(-4DT) N43°57.23' W70°35.25' NEW YORK
 268 NOTAM FILE BGR
WATERWAY 17W-35W: 7200X600 (WATER)
SERVICE: S2 FUEL MOGAS
SEAPLANE REMARKS: Attended May-Oct Mon-Fri 1300-2200Z†, Nov-Apr unattended. Follow channel markers to avoid shallow water, turn west after 3rd marker to dock. Jun-Aug heavy boat t/c on lake.
AIRPORT MANAGER: (207) 693-6254
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Portland Apch at 207-874-7320, when Apch clsd ctc Boston ARTCC at 603-879-6859.

LONG LAKE SPB (76B) 1 NE UTC-5(-4DT) N43°59.22' W70°37.11' NEW YORK
 268 NOTAM FILE BGR
WATERWAY 16W-34W: 15000X3960 (WATER)
SERVICE: FUEL 100LL
SEAPLANE REMARKS: Attended Jun-Oct 1400Z†-dusk. June-Oct Sun unatndd. 100LL emerg fuel only. Wind sock at dock.
AIRPORT MANAGER: 207-232-2594
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Portland Apch at 207-874-7320, when Apch clsd ctc Boston ARTCC at 603-879-6859.
COMM/NAV/WEATHER REMARKS: Monitor CTAF within 5 NM of Naples.

NEWTON FLD (See JACKMAN on page 73)

NORCROSS(MILLINOCKET)

BUCKHORN CAMPS SPB (78B) 0 NE UTC-5(-4DT) N45°39.25' W68°56.97' HALIFAX
 500 NOTAM FILE BGR
WATERWAY NW-SE: 4000X500 (WATER)
WATERWAY NW: Trees.
WATERWAY SE: Trees.
WATERWAY E-W: 3000X500 (WATER)
WATERWAY E: Trees.
WATERWAY W: Trees.
SEAPLANE REMARKS: Attended continuously. Many shallow rocky areas during low water conditions in middle of lake. Many shallow rocky areas around the docking area. Shallow areas with rocks near island west of the NW/SE sea lane.
AIRPORT MANAGER: 207-723-1548
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Boston ARTCC at 603-879-6859.

NORRIDGEWOCK

CENTRAL MAINE/NORRIDGEWOCK (OWK)(KOWK) 4 W UTC-5(-4DT) N44°42.93' W69°51.99'

MONTREAL
L-32H
IAP

270 B NOTAM FILE BGR

RWY 15-33: H4000X100 (ASPH) S-30, D-60 MIRL

RWY 15: REIL. PAPI(P2L)—GA 3.0° TCH 43'. Tree.

RWY 33: REIL. Trees.

RWY 03-21: H3998X80 (ASPH) S-30, D-60

RWY 03: Trees.

RWY 21: Trees.

SERVICE: S4 **FUEL** 100LL, MOGAS **LGT** ACTIVATE REIL Rwy 15 and Rwy 33, PAPI Rwy 15, MIRL Rwy 15-33—CTAF.

AIRPORT REMARKS: Attended Mon-Fri 1200-1900Z†, Unattended Sat-Sun.

Birds and deer on and invof arpt. 24 hr fuel avbl with major credit card.

Rwy 21 has 30' dropoff 100' fm end of rwy. Rwy 03-21 markings faded, cntrln missing.

AIRPORT MANAGER: 207-634-2252

WEATHER DATA SOURCES: AWOS-AV 123.075.

COMMUNICATIONS: CTAF/UNICOM 122.8

Ⓡ **PORTLAND APP/DEP CON** 128.35 (1045-0500Z†)

Ⓡ **BOSTON CENTER APP/DEP CON** 128.2 (112°-292°) 124.25 (293°-111°) (0500-1045Z†)

CLEARANCE DELIVERY PHONE: For CD ctc Portland Apch at 207-874-7320.

when Portland Apch clsd, ctc Boston ARTCC at 603-879-6859.

RADIO AIDS TO NAVIGATION: NOTAM FILE AUG.

AUGUSTA (VL) (DH) VOR/DME 114.95 AUG Chan 96(Y) N44°19.20' W69°47.79' 011° 23.9 NM to fld. 349/18W.

VOR unusable:

005°-015° byd 10 NM blo 7,000'

018°-050° byd 40 NM

055°-058° byd 40 NM

065°-089° byd 40 NM

075°-089° byd 25 NM blo 3,000'

090°-115° byd 15 NM

116°-175° byd 40 NM

116°-189° byd 25 NM blo 3,000'

188°-207° byd 40 NM

190°-205° byd 10 NM blo 5,000'

206°-220° byd 25 NM blo 3,000'

208°-213° byd 40 NM blo 3,000'

208°-213° byd 49 NM blo 7,000'

208°-213° byd 68 NM

225°-245° byd 40 NM

246°-256° byd 40 NM blo 7,000'

246°-256° byd 53 NM

257°-261° byd 40 NM

271°-275° byd 40 NM

300°-353° byd 40 NM

DME unusable:

010°-070° byd 25 NM blo 7,000'

071°-143° byd 25 NM blo 3,000'

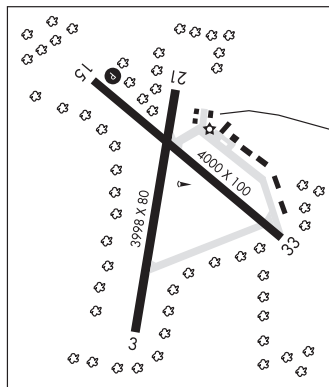
144°-154° byd 25 NM blo 7,000'

155°-189° byd 25 NM blo 3,000'

190°-205° byd 10 NM blo 5,000'

206°-220° byd 25 NM blo 3,000'

221°-285° byd 15 NM blo 6,000'



NORTHERN AROOSTOOK RGNL (See FRENCHVILLE on page 69)

NUGENT CHAMBERLAIN LAKE SPB (See CHESUNCOOK on page 66)

OLD TOWN

DEWITT FLD/OLD TOWN MUNI (OLD)(KOLD) 2 NW UTC-5(-4DT) N44°57.14' W68°40.47'

HALIFAX

127 B NOTAM FILE BGR

L-32I

RWY 12-30: H4001X75 (ASPH) S-30 MIRL

IAP

RWY 12: Trees.

RWY 30: PAPI(P4L)—GA 4.0° TCH 40'. Thld dsplcd 689'. Trees.

RWY 04-22: H2802X75 (ASPH) S-37, D-45 MIRL

RWY 04: REIL. Trees.

RWY 22: PAPI(P4L)—GA 4.0° TCH 41'.

SERVICE: S4 **FUEL** 100LL, JET A **LGT** ACTVT REIL Rwy 04; PAPI Rwy 22 and 30; MIRL Rwy 04-22—CTAF.

AIRPORT REMARKS: Attended 1300-2200Z†. Waterfowl, turkey and deer on and invof arpt. 24 hr fuel self-svc with major credit card. Credit card also avbl at dock. FBO clsd Sun. Flight Notification Svc (ADCUS) avbl.

AIRPORT MANAGER: 207-827-7175

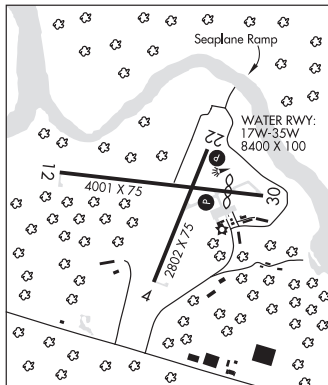
COMMUNICATIONS: CTAF/UNICOM 122.8

Ⓡ **BANGOR APP/DEP CON** 118.925

CLEARANCE DELIVERY PHONE: For CD ctc Bangor Apch at 207-561-2500 ext 1.

RADIO AIDS TO NAVIGATION: NOTAM FILE BGR.

BANGOR (VH) (H) VORTACW 114.8 BGR Chan 95 N44°50.51' W68°52.44' 071° 10.8 NM to fld. 360/19W.



• • • • •
WATERWAY 17W-35W: 8400X100 (WATER)

OXFORD CO RGNL (81B) 2 E UTC-5(-4DT) N44°09.45' W70°28.88'

MONTREAL

345 B NOTAM FILE BGR

L-32H

RWY 15-33: H2997X75 (ASPH) S-25 MIRL 0.3% up NW

IAP

RWY 33: Trees.

SERVICE: S4 **FUEL** 100LL **OX** 1, 2, 3, 4 **LGT** Actvt MIRL Rwy 15-33—CTAF.

AIRPORT REMARKS: Attended Mon-Sat 1200-2200Z†. Unattended Sun.

Fuel: Self-svc 100LL avbl 24 hrs. Wildlife on and invof arpt. For airframe or powerplant repairs call 207-539-6056. Rwy 15-33 has 2 in drop-offs lctd on all sides and thlds.

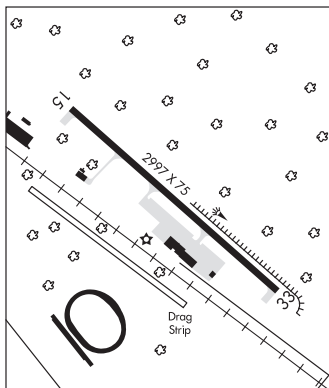
AIRPORT MANAGER: 207-461-5040

COMMUNICATIONS: CTAF/UNICOM 122.8

Ⓡ **PORTLAND APP/DEP CON** 125.5 (1045-0500Z†)

Ⓡ **BOSTON CENTER APP/DEP CON** 128.2 (0500-1045Z†)

CLEARANCE DELIVERY PHONE: For CD ctc Portland Apch at 207-874-7320, when Apch clsd ctc Boston ARTCC at 603-879-6859.



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RADIO AIDS TO NAVIGATION: NOTAM FILE AUG.

AUGUSTA (VL) (DH) VOR/DME 114.95 AUG Chan 96(Y) N44°19.20' W69°47.79' 270° 31.1 NM to fld. 349/18W.

VOR unusable:

- 005°-015° byd 10 NM blo 7,000'
- 018°-050° byd 40 NM
- 055°-058° byd 40 NM
- 065°-089° byd 40 NM
- 075°-089° byd 25 NM blo 3,000'
- 090°-115° byd 15 NM
- 116°-175° byd 40 NM
- 116°-189° byd 25 NM blo 3,000'
- 188°-207° byd 40 NM
- 190°-205° byd 10 NM blo 5,000'
- 206°-220° byd 25 NM blo 3,000'
- 208°-213° byd 40 NM blo 3,000'
- 208°-213° byd 49 NM blo 7,000'
- 208°-213° byd 68 NM
- 225°-245° byd 40 NM
- 246°-256° byd 40 NM blo 7,000'
- 246°-256° byd 53 NM
- 257°-261° byd 40 NM
- 271°-275° byd 40 NM
- 300°-353° byd 40 NM

DME unusable:

- 010°-070° byd 25 NM blo 7,000'
- 071°-143° byd 25 NM blo 3,000'
- 144°-154° byd 25 NM blo 7,000'
- 155°-189° byd 25 NM blo 3,000'
- 190°-205° byd 10 NM blo 5,000'
- 206°-220° byd 25 NM blo 3,000'
- 221°-285° byd 15 NM blo 6,000'

PATTEN

SHIN POND SPB (85B) 8 NW UTC-5(-4DT) N46°05.60' W68°33.86'

HALIFAX

778 NOTAM FILE BGR

WATERWAY 02W-20W: 6000X200 (WATER)

SERVICE: FUEL 100LL

SEAPLANE REMARKS: Attended dalgt hrs. Fuel avbl in emerg only. Numerous boats and canoes on lake. Call 207-528-2626 for svc.

AIRPORT MANAGER: 207-528-2626

COMMUNICATIONS: CTAF 122.9

CLEARANCE DELIVERY PHONE: For CD ctc Boston ARTCC at 603-879-6859.

PITTSFIELD MUNI (2B7) 1 SE UTC-5(-4DT) N44°46.11' W69°22.47'

MONTREAL

197 B NOTAM FILE BGR

L-32H

RWY 18-36: H4003X100 (ASPH) S-38, D-49 MIRL 0.5% up N

IAP

RWY 18: REIL. Pole.

RWY 36: REIL. PAPI(P4L)—GA 3.0° TCH 40'. Brush.

SERVICE: S4 FUEL 100LL, JET A1+ LGT ACTIVATE MIRL Rwy 18-36 and PAPI Rwy 36 and REIL Rwy 18 and Rwy 36—CTAF.

AIRPORT REMARKS: Attended 1200-2200Z±. 100LL fuel after hrs call 207-232-2318. Deer and turkeys invof arpt. Rwy 18 nrs and cntrln faded or misg. Rwy 36 nrs and cntrln faded or misg.

AIRPORT MANAGER: 207-487-3136

COMMUNICATIONS: CTAF/UNICOM 122.8

® BANGOR APP/DEP CON 118.925

CLEARANCE DELIVERY PHONE: For CD ctc Bangor Apch at 207-561-2500 ext 1.

RADIO AIDS TO NAVIGATION: NOTAM FILE BGR.

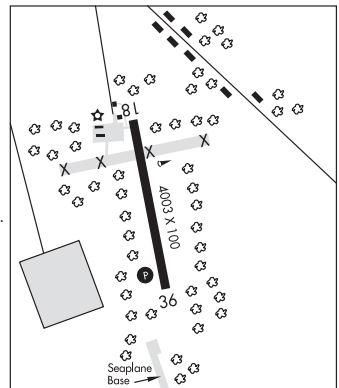
BANGOR (VH) (H) VORTACW 114.8 BGR Chan 95 N44°50.51' W68°52.44' 278° 21.8 NM to fld. 360/19W.

BURNHAM NDB (MHW) 348 BUP N44°41.86'

W69°21.52' 009° 4.3 NM to fld. 195/18W.

NDB unusable:

Byd 20 NM



PORTAGE LAKE MUNI SPB (87B) 1 W UTC-5(-4DT) N46°45.62' W68°28.85'
 608 NOTAM FILE BGR
WATERWAY 02W-20W: 5000X500 (WATER)
WATERWAY 15W-33W: 5000X500 (WATER)
SEAPLANE REMARKS: Unattended. Shallow water 2' to 3' deep near dock, watch for rocks.
AIRPORT MANAGER: 207-435-4361
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Boston ARTCC at 603-879-6859.

HALIFAX

PORTLAND INTL JETPORT (PWM)(KPWM) 2 W UTC-5(-4DT) N43°38.74' W70°18.52'

NEW YORK

76 B LRA Class I, ARFF Index C NOTAM FILE PWM MON Airport

H-11D, L-32H

RWY 11-29: H7200X150 (ASPH-GRVD) S-75, D-169, 2S-175,

2D-300 PCN 96 F/C/X/T HIRL CL 0.5% up W

RWY 11: ALSF2. TDZL. PAPI(P4R)—GA 3.0° TCH 52'. RVR-TMR

Trees.

RWY 29: MALSR. PAPI(P4R)—GA 3.0° TCH 50'. RVR-TMR Tree.

RWY 18-36: H6100X150 (ASPH-GRVD) S-75, D-165, 2D-300

PCN 91 F/C/X/T MIRL

RWY 18: REIL. PAPI(P4L)—GA 3.0° TCH 50'. Thld dspcd 450'. Tree.

RWY 36: REIL. PAPI(P4L)—GA 3.25° TCH 54'. Thld dspcd 500'. Tree.

LAND AND HOLD—SHORT OPERATIONS

LDG RWY	HOLD—SHORT POINT	AVBL LDG DIST
RWY 11	18-36	5800
RWY 18	11-29	3100

RUNWAY DECLARED DISTANCE INFORMATION

RWY 11: TORA-7200 TODA-7200 ASDA-7200 LDA-7200

RWY 18: TORA-6100 TODA-6100 ASDA-5600 LDA-5150

RWY 29: TORA-7200 TODA-7200 ASDA-7200 LDA-7200

RWY 36: TORA-6100 TODA-6100 ASDA-5650 LDA-5150

SERVICE: S4 FUEL 100LL, JET A OX 1, 3 LGT Rwy 11 ALSF-II

becomes SSALS when ATCT clsd. When twr clsd ACTVT MALSR Rwy

29; REIL Rwy 18 and 36; TDZL Rwy 11; Centerline Rwy 11-29; PAPI Rwy 11, 29, 18 and 36; HIRL Rwy 11-29; MIRL

Rwy 18-36—CTAF.

NOISE: For noise abatement info, ctc the arpt ops cntr on freq 129.95 or call 207-756-8310. Prior to any run-up ctc the arpt ops on freq 129.95 or call 207-756-8310. Noise abatement procs in afct for ldg Rwy 11 and dep Rwy 29.

AIRPORT REMARKS: Attended 1100-0300Z†. Birds ocly on and invof arpt. For fuel aft hrs call 207-774-6318 or 207-523-0988. Acft emerges btn 0500-1045Z† call Portland Air Rescue 207-874-8576. No touch and go lds during snow removal. PAEW adj to rwys ngts; gnd vehicles monitor 120.9 when ATCT clsd. Twr occasionally stays open byd 0500Z† during adverse wx. Prior to any run-up ctc arpt ops on freq 129.95 or call 207-756-8310. Pushback onto Twy A rqr d fm trml Gates 1-8, Twy C rqr d fm trml Gate 1A. Acft may not push short of Twy A fm Gates 1-8 nor short of Twy C fm Gate 1A. Ctc Gnd 121.9. Adz pushback opr you have Alpha or Charlie prior to push. Landing rights arpt (LRA): GA cust/img fac lctd at cargo apron. Acft arrg/depq cust must use extreme ctn when navigating on the cargo apron to minimize jet blast exposure to hngrs and acft. Flight Notification Svc (ADCUS) avbl.

AIRPORT MANAGER: 207-756-8310

WEATHER DATA SOURCES: ASOS 119.05 (207) 874-7914.

COMMUNICATIONS: CTAF 120.9 ATIS 119.05 (207) 775-1039 UNICOM 122.95

Ⓡ APP/DEP CON 119.75

Ⓡ BOSTON CENTER APP/DEP CON 128.2 (0500-1045Z)†

TOWER 120.9 (1045-0500Z)† GND CON 121.9

CLNC DEL 121.9

CLEARANCE DELIVERY PHONE: For CD when ATCT clsd, ctc Boston ARTCC at 603-879-6859.

AIRSPACE: CLASS C svc ctc APP CON svc 1045-0500Z†; other times CLASS E.



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VOR TEST FACILITY (VOT) 111.0

RADIO AIDS TO NAVIGATION: NOTAM FILE BGR.

KENNEBUNK (VH) (DH) VOR/DME 117.1 ENE Chan 118 N43°25.54' W70°36.81' 062° 18.7 NM to fld. 192/17W.

DME unusable:

030°-184° byd 25 NM blo 2,000'
185°-230° byd 25 NM blo 2,500'
268°-278° byd 30 NM blo 4,600'

VOR unusable:

017°-040° byd 40 NM
130°-133° byd 40 NM
192°-202° byd 40 NM blo 2,500'
192°-202° byd 48 NM blo 5,000'
192°-202° byd 69 NM
203°-294° byd 40 NM
295°-305° byd 40 NM blo 5,000'
295°-305° byd 52 NM
306°-359° byd 40 NM

ILS/DME 109.9 I-PWM Chan 36 Rwy 11. Class IIIE.

ILS/DME 109.9 I-GCS Chan 36 Rwy 29. Class IIE.

PRESQUE ISLE

PRESQUE ISLE SPB (83B) 2 NW UTC-5(-4DT) N46°42.36' W68°03.64'

HALIFAX

500 TPA-1800(1300) NOTAM FILE BGR

WATERWAY 01W-19W: 6000X300 (WATER)

WATERWAY 01W: Trees.

WATERWAY 19W: Trees. Rgt tfc.

SEAPLANE REMARKS: Unattended. Rising terrain west side of lake. Spb lctd NW and invof Northern Maine Rgnl Arpt.

AIRPORT MANAGER: 207-764-2550

COMMUNICATIONS: CTAF/UNICOM 122.8

CLEARANCE DELIVERY PHONE: For CD ctc Boston ARTCC at 603-879-6859.

PRESQUE ISLE INTL (PQI)(KPQI) 1 NW UTC-5(-4DT) N46°41.34' W68°02.69'

HALIFAX

534 B LRA Class I, ARFF Index A NOTAM FILE PQI MON Airport

H-11D, L-32I

RWY 01-19: H7441X150 (ASPH) S-100, D-150, 2D-240

IAP

PCN 94 F/A/W/T HIRL 1.1% up N

RWY 01: MALSR.

RWY 19: REIL. PAPI(P4L)—GA 3.7° TCH 50'. Trees.

RWY 10-28: H6000X100 (ASPH) S-100, D-150, 2D-240

PCN 94 F/A/W/T MIRL

RWY 10: Tree.

RWY 28: PAPI(P4L)—GA 3.0° TCH 45'. Railroad.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 01: TORA-7441 TODA-7441 ASDA-7441 LDA-7441

RWY 10: TORA-6000 TODA-6000 ASDA-6000 LDA-6000

RWY 19: TORA-7441 TODA-7441 ASDA-7441 LDA-7441

RWY 28: TORA-6000 TODA-6000 ASDA-6000 LDA-6000

SERVICE: S2 FUEL 100LL, JET A LGT ACTIVATE MALSR Rwy 01, REIL Rwy 19, PAPI Rwy 19 and 28, HIRL Rwy 01-19, MIRL Rwy 10-28-122.6.

AIRPORT REMARKS: Attended 1100-0000Z±. Clsd to unskd ACR ops with more than 30 pax seats, exc PPR call arpt manager 207-764-2550. PAEW adjacent to rwy and twys (mowing) May 1 thru Nov 1. Ctn small UAS act fm sfc to 400' AGL (1040' MSL) 3.5 NM S of arpt dur dalgt hrs. Flight Notification Service (ADCUS) available.

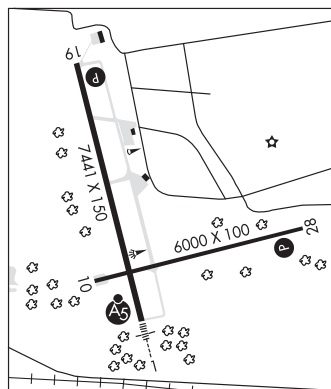
AIRPORT MANAGER: 207-764-2550

WEATHER DATA SOURCES: AWOS-3PT 118.025 (207) 764-7248.

COMMUNICATIONS: CTAF/UNICOM 122.8

Ⓡ BOSTON CENTER APP/DEP CON 124.75 CLNC DEL 121.6

CLEARANCE DELIVERY PHONE: For CD ctc Boston ARTCC at 603-879-6859.



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AIRSPACE: CLASS E svc 1000-0200Z† Mon-Sat, 1300-0200Z† Sun; other times CLASS G.

RADIO AIDS TO NAVIGATION: NOTAM FILE PQI.

(VH) (DH) **VORW/DME** 116.4 PQI Chan 111 N46°46.45' W68°05.67' 179° 5.5 NM to fld. 592/21W.

DME unusable:

180°-200° byd 30 NM blo 3,400'

VOR unusable:

000°-030° byd 40 NM

040°-070° byd 40 NM

080°-090° byd 40 NM

130°-165° byd 40 NM

180°-185° byd 40 NM

200°-210° byd 40 NM

220°-235° byd 40 NM blo 19,000'

236°-260° byd 40 NM

270°-280° byd 40 NM

286°-296° byd 40 NM blo 8,000'

286°-296° byd 81 NM

300°-355° byd 40 NM

ILS 108.7 I-PQI Rwy 01. Class IE. Unmonitored indef.

PRESQUE ISLE N46°46.45' W68°05.67' NOTAM FILE PQI.

HALIFAX

(VH) (DH) **VORW/DME** 116.4 PQI Chan 111 179° 5.5 NM to Presque Isle Intl. 592/21W.

H-11D, L-321

DME unusable:

180°-200° byd 30 NM blo 3,400'

VOR unusable:

000°-030° byd 40 NM

040°-070° byd 40 NM

080°-090° byd 40 NM

130°-165° byd 40 NM

180°-185° byd 40 NM

200°-210° byd 40 NM

220°-235° byd 40 NM blo 19,000'

236°-260° byd 40 NM

270°-280° byd 40 NM

286°-296° byd 40 NM blo 8,000'

286°-296° byd 81 NM

300°-355° byd 40 NM

PRINCETON MUNI (PNN)(KPNN) 2 S UTC-5(-4DT) N45°12.04' W67°33.86'

HALIFAX

265 B LRA NOTAM FILE BGR

L-321

RWY 15-33: H4007X75 (ASPH) S-31, D-38 MIRL 0.3% up NW

IAP

RWY 15: PAPI(P4L)—GA 3.5° TCH 44'. Tree.

RWY 06-24: H3998X150 (ASPH)

RWY 06: Trees.

RWY 24: Thld dspclcd 503'. Trees.

SERVICE: FUEL 100LL LGT ACTVT MIRL Rwy 15-33 and PAPI Rwy 15—CTAF.

AIRPORT REMARKS: Unattended. Rwy 06-24 CLOSED indefly—pavement unusable. Fuel avbl 24 hrs with major credit card. Wildlife on and invof arpt. Rwy 06-24 mkd with yellow closure at both ends and mid of rwy. Dthr markings are not vsb. Flight Notification Service (ADCUS) available.

AIRPORT MANAGER: 207-214-5144

WEATHER DATA SOURCES: AWOS-AV 122.7.

COMMUNICATIONS: CTAF/AUNICOM 122.7

Ⓡ BOSTON CENTER APP/DEP CON 124.25

CLEARANCE DELIVERY PHONE: For CD ctc Boston ARTCC at 603-879-6859.

RADIO AIDS TO NAVIGATION: NOTAM FILE BGR.

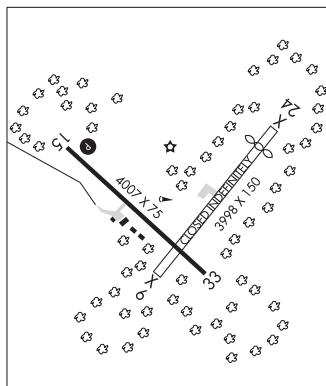
(L) DME 114.3 PNN Chan 90 N45°19.75'

W67°42.25' 142° 9.7 NM to fld. 398.

DME unusable:

300°-330° byd 25 NM blo 4,500'

COMM/NAV/WEATHER REMARKS: Automated UNICOM; 3 clicks.



RANGELEY

RANGELEY LAKE SPB (M57) 2 N UTC-5(-4DT) N44°57.20' W70°39.78'

MONTREAL
L-32H
IAP

1518 NOTAM FILE BGR

WATERWAY 06W-24W: 7000X1000 (WATER)

SERVICE: FUEL 100LL

SEAPLANE REMARKS: Attended May-Oct. Sgfmt boat act in summer months. Cold temperature airport. Altitude correction required at or below -27C.

AIRPORT MANAGER: 207-864-5307

COMMUNICATIONS: CTAF 122.9

Ⓡ **BOSTON CENTER APP/DEP CON** 124.25

CLEARANCE DELIVERY PHONE: For CD ctc Boston ARTCC at 603-879-6859.

RADIO AIDS TO NAVIGATION: NOTAM FILE BML.

BERLIN (H) DME 116.55 BML Chan 112(Y) N44°38.01' W71°11.17' 049° 29.5 NM to fld. 1730.

DME unusable:

080°-125° blo 10,000'

188°-198° blo 10,000'

275°-292° blo 10,000'

STEPHEN A BEAN MUNI (8B0) 2 NW UTC-5(-4DT) N44°59.53' W70°39.91'

MONTREAL
L-32H
IAP

1821 B NOTAM FILE BGR

RWY 14-32: H4299X75 (ASPH) S-13 MIRL

RWY 14: REIL. PAPI(P4L)—GA 3.0° TCH 40'.

RWY 32: REIL. PAPI(P4L)—GA 3.0° TCH 40'. Tree.

SERVICE: FUEL 100LL, JET A LGT ACTVT REIL Rwy 14 and 32; PAPI Rwy 14 and 32; MIRL Rwy 14-32—CTAF. Rwy 14 VGSI unusbl byd 3 NM.

AIRPORT REMARKS: Unattended. Migratory birds on and invof arprt. For fuel call 207-864-5307 or 207-252-6630. Mil ops in area (F-16, A-10 acft & hel). Bring own tie down ropes; call ahead for hangar availability.

AIRPORT MANAGER: 207-864-3326

WEATHER DATA SOURCES: AWOS-3PT 118.000 (207) 864-5250.

COMMUNICATIONS: CTAF/UNICOM 122.8

Ⓡ **BOSTON CENTER APP/DEP CON** 124.25

CLEARANCE DELIVERY PHONE: For CD ctc Boston ARTCC at 603-879-6859.

RADIO AIDS TO NAVIGATION: NOTAM FILE BML.

BERLIN (H) DME 116.55 BML Chan 112(Y) N44°38.01'

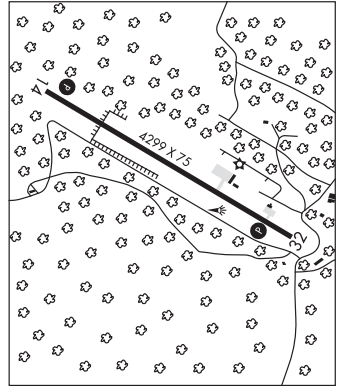
W71°11.17' 046° 31.0 NM to fld. 1730.

DME unusable:

080°-125° blo 10,000'

188°-198° blo 10,000'

275°-292° blo 10,000'



ROCKLAND

KNOX CO RGNL (RKD)(KRKD) 3 S UTC-5(-4DT) N44°03.61' W69°05.98'

MONTREAL

H-11D, L-32H

IAP

55 B NOTAM FILE RKD

RWY 13-31: H5412X100 (ASPH-GRVD) S-65, D-80, 2S-83 HIRL

RWY 13: MALSR. PAPI(P4R)—GA 3.0° TCH 51'. Thld dspcd 400'.

RWY 31: REIL. PAPI(P4L)—GA 3.0° TCH 50'. Trees.

RWY 03-21: H4000X100 (ASPH) S-65, D-80, 2S-83 MIRL

RWY 03: REIL. PAPI(P4L)—GA 3.0° TCH 34'. Trees.

RWY 21: Trees.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 03: TORA-4000 TODA-4000 ASDA-4000 LDA-4000

RWY 13: TORA-5412 TODA-5412 ASDA-5412 LDA-5012

RWY 21: TORA-4000 TODA-4000 ASDA-4000 LDA-4000

RWY 31: TORA-5412 TODA-5412 ASDA-5412 LDA-5412

SERVICE: S4 FUEL 100LL, JET A OX 2, 4 LGT ACTVT MALSR Rwy 13; REIL Rwys 03 and 31, PAPI Rwys 03, 13, 31; HIRL Rwy 13-31; MIRL Rwy 03-21—CTAF.

NOISE: Noise abatement procs in efct, call 207-596-0617 or visit website for specific instructions.

AIRPORT REMARKS: Attended Mon-Fri 1100-2200Z†. Arpt may be unatndd fm 0300-1100Z†. Seagulls and deer on and invof arpt. Rwy conditions may not be avbl weekends and SS-1200Z† Mon, Thu, Fri. Voluntary ngt curfew in effect 0330-1100Z†.

AIRPORT MANAGER: 207-594-4131

WEATHER DATA SOURCES: AWOS-3PT 119.025 (207) 594-7946.

COMMUNICATIONS: CTAF/UNICOM 123.05

Ⓡ **PORTLAND APP/DEP CON** 120.4 (1045-0500Z†)

Ⓡ **BOSTON CENTER APP/DEP CON** 128.2 (112°-292°) 124.25 (293°-111°) (0500-1045Z†)

CLNC DEL 123.8

CLEARANCE DELIVERY PHONE: For CD when Apch clsd ctc Boston ARTCC at 603-879-6859.

RADIO AIDS TO NAVIGATION: NOTAM FILE AUG.

AUGUSTA (VL) (DH) VOR/DME 114.95 AUG Chan 96(Y) N44°19.20' W69°47.79' 135° 33.9 NM to fld. 349/18W.

VOR unusable:

005°-015° byd 10 NM blo 7,000'

018°-050° byd 40 NM

055°-058° byd 40 NM

065°-089° byd 40 NM

075°-089° byd 25 NM blo 3,000'

090°-115° byd 15 NM

116°-175° byd 40 NM

116°-189° byd 25 NM blo 3,000'

188°-207° byd 40 NM

190°-205° byd 10 NM blo 5,000'

206°-220° byd 25 NM blo 3,000'

208°-213° byd 40 NM blo 3,000'

208°-213° byd 49 NM blo 7,000'

208°-213° byd 68 NM

225°-245° byd 40 NM

246°-256° byd 40 NM blo 7,000'

246°-256° byd 53 NM

257°-261° byd 40 NM

271°-275° byd 40 NM

300°-353° byd 40 NM

DME unusable:

010°-070° byd 25 NM blo 7,000'

071°-143° byd 25 NM blo 3,000'

144°-154° byd 25 NM blo 7,000'

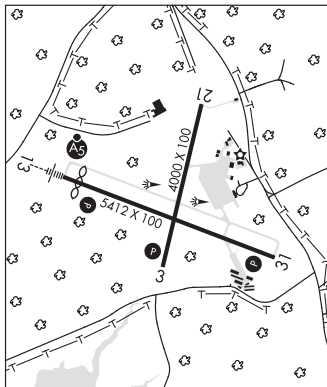
155°-189° byd 25 NM blo 3,000'

190°-205° byd 10 NM blo 5,000'

206°-220° byd 25 NM blo 3,000'

221°-285° byd 15 NM blo 6,000'

I/L/DME 111.7 I-RMZ Chan 54 Rwy 13. Class IT.



SACO

GREATON AIRFIELD (98M) 6 NW UTC-5(-4DT) N43°34.54' W70°31.13'

NEW YORK

170 NOTAM FILE BGR
RWY 06-24: 2200X50 (TURF)
RWY 06: Trees.
RWY 24: Trees.

AIRPORT REMARKS: Unattended. Rwy not plowed during winter months. Tiedowns not supplied. Wildlife infov arpt. Rwy 06-24 has +35-85' trees 60' to 90' from centerline both sides. Rwy 06-24 is gently rolling for entire length.

AIRPORT MANAGER: 207-283-1298

COMMUNICATIONS: CTAF 122.9

CLEARANCE DELIVERY PHONE: For CD ctc Portland Apch at 207-874-7320, when Apch clsd ctc Boston ARTCC at 603-879-6859.

SANFORD SEACOAST RGNL (SFM)(KSFM) 4 SE UTC-5(-4DT) N43°23.63' W70°42.48'

NEW YORK

244 B NOTAM FILE SFM

H-11D, 12K, L-32H

RWY 07-25: H6389X100 (ASPH-GRVD) S-65, D-100 HIRL

IAP

RWY 07: REIL. PAPI(P4L)—GA 3.0° TCH 53'. Tree.

RWY 25: ODALS. PAPI(P4L)—GA 3.0° TCH 47'. Thld dspcd 388'. P-line.

RWY 14-32: H4999X100 (ASPH) D-72, 2S-91 MIRL 0.3% up NW

RWY 14: PAPI(P4L)—GA 4.0° TCH 21'. Thld dspcd 885'. Tree.

RWY 32: PAPI(P4L)—GA 3.0° TCH 34'.

SERVICE: S4 FUEL 100LL, JET A, MOGAS OX 3, 4 LGT ACTVT ODALS Rwy 25; REIL Rwy 07; PAPI Rwy 07 and Rwy 25; HIRL 07-25; MIRL 14-32; twy lgts—CTAF. Twy lgts inop dalgt hrs.

AIRPORT REMARKS: Attended Oct-May 1200-2200Z±, Jun-Sept 1200-0000Z±. Conds not mnt dly 2100-1200Z±. Wildlife on and infov arpt. High vol fixed and rotary wing flt trng in vcntry. 24 hr fuel avbl with major credit card for 100LL, Jet A & MOGAS. Calm wind preferred Rwy 32. FBO aft hrs call-out fee—207-324-8919.

AIRPORT MANAGER: 207-324-3172

WEATHER DATA SOURCES: AWOS-3PT 120.025 (207) 324-1958.

COMMUNICATIONS: CTAF/UNICOM 123.075

Ⓡ PORTLAND APP/DEP CON 119.75

Ⓡ BOSTON CENTER APP/DEP CON 128.2

CLNC DEL 121.725

CLEARANCE DELIVERY PHONE: For CD when Apch clsd ctc Boston ARTCC at 603-879-6859.

RADIO AIDS TO NAVIGATION: NOTAM FILE BGR.

KENNEBUNK (VH) (DH) VORW/DME 117.1 ENE Chan 118 N43°25.54' W70°36.81' 262° 4.6 NM to fld. 192/17W.

DME unusable:

030°-184° byd 25 NM blo 2,000'

185°-230° byd 25 NM blo 2,500'

268°-278° byd 30 NM blo 4,600'

VOR unusable:

017°-040° byd 40 NM

130°-133° byd 40 NM

192°-202° byd 40 NM blo 2,500'

192°-202° byd 48 NM blo 5,000'

192°-202° byd 69 NM

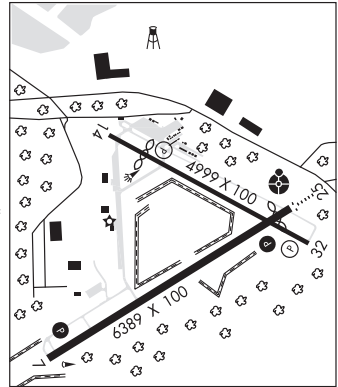
203°-294° byd 40 NM

295°-305° byd 40 NM blo 5,000'

295°-305° byd 52 NM

306°-359° byd 40 NM

ILS 111.5 I-SFM Rwy 07. Class IB.



SEACOAST AIRFIELD (See ELIOT on page 68)

SHIN POND SPB (See PATTEN on page 81)

SINCLAIR**LONG LAKE SPB** (92B) 3 NE UTC-5(-4DT) N47°11.59' W68°13.89'

HALIFAX

581 B NOTAM FILE BGR

WATERWAY 15W-33W: 25000X4000 (WATER)**WATERWAY 07W-25W:** 15800X2640 (WATER)**SERVICE:** FUEL MOGAS**SEAPLANE REMARKS:** Attended 1400Z±-dusk. For arpt attendance after hrs call 207-543-7584. For fuel after hrs call 207-543-7584. Fuel contains ethanol.**AIRPORT MANAGER:** 207-543-7584**COMMUNICATIONS:** CTAF 122.9**CLEARANCE DELIVERY PHONE:** For CD ctc Boston ARTCC at 603-879-6859.**STEPHEN A BEAN MUNI** (See RANGELEY on page 85)**STONINGTON MUNI** (93B) 1 NW UTC-5(-4DT) N44°10.39' W68°40.82'

HALIFAX

32 NOTAM FILE BGR

RWY 07-25: H2099X60 (ASPH) 0.3% up W**RWY 07:** Trees.**RWY 25:** Trees. Rgt tfc.**AIRPORT REMARKS:** Unattended. Daylight use only. Use extreme care seagulls and deer on and in/ov arpt. Trees and brush in pri sfc some as close as 50 ft fm cntrln. Rwy 07 nrs and cntrln non-std and faded. Rwy 25 nrs and cntrln non-std.**AIRPORT MANAGER:** 207-367-2351**COMMUNICATIONS:** CTAF 122.9Ⓡ **BANGOR APP/DEP CON** 133.6**CLEARANCE DELIVERY PHONE:** For CD ctc Bangor Apch at 207-561-2500 ext 1.

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HELIPAD H1: H40X40 (ASPH)**SUGARLOAF RGNL** (See CARRABASSETT on page 65)**SWANS ISLAND****BANKS** (ME5) 5 N UTC-5(-4DT) N44°09.92' W68°25.69'

HALIFAX

100 NOTAM FILE BGR

RWY 10-28: 1500X30 (GRVL) 2.0% up W**RWY 10:** Tree.**RWY 28:** Thld dsplcd 300'. Bldg.**RUNWAY DECLARED DISTANCE INFORMATION****RWY 10:** TORA-1500 TODA-1500 ASDA-1500 LDA-1500**RWY 28:** TORA-1500 TODA-1500 ASDA-1500 LDA-1200**AIRPORT REMARKS:** Unattended. Prior to using arpt call 207-460-1113. ALL ops rstrd to dalgt VFR only. Wildlife on and in/ov arpt. Rwy 10-28 +6 ft rock ledge 50 ft from centerline south side of arpt. Rwy 10 has +15 ft trees 50 ft rgt of cntrln, 430 ft fm thr. Rwy 10-28 sfc rough with lrg stones, steep gradients and no line of sight between ends. Rock drainage swale across 600 ft from Rwy 28, approximately 40 ft wide at centerline.**AIRPORT MANAGER:** 207-460-1113**COMMUNICATIONS:** CTAF 122.9Ⓡ **BANGOR APP/DEP CON** 133.6**CLEARANCE DELIVERY PHONE:** For CD ctc Bangor Apch at 207-561-2500 ext 1.

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HELIPAD H1: H40X40 (CONC)**HELIPAD REMARKS:** Helipad coords 44 09 54.80N 68 25 48.80W; helipad elev 86'. Ingress and egress to helipad between 130° and 320° mag.

TURNER**TWITCHELL** (3B5) 4 S UTC-5(-4DT) N44°11.34' W70°13.97'

NEW YORK

355 NOTAM FILE BGR

RWY 11-29: 2151X100 (TURF)**RWY 11:** Road.**RWY 29:** Trees.**RWY 12-30:** H2104X50 (ASPH) S-8.5 0.3% up W**RWY 12:** Trees.**RWY 30:** Trees.**SERVICE:** S4 FUEL MOGAS**AIRPORT REMARKS:** Attended 1300-2200Z† Mon-Sat, CLOSED Sun. Turkeys, geese and deer on and in/ov arpt. Rwy 12, first 300' of rwy unmarked. Rwy 12-30 nrs and cntrln faded, non-std len and wid.**AIRPORT MANAGER:** 207-225-3490**COMMUNICATIONS:** CTAF/UNICOM 122.8**APP/DEP CON** 125.5**CLEARANCE DELIVERY PHONE:** For CD ctc Portland Apch at 207-874-7320, when Apch clsd ctc Boston ARTCC at 603-879-6859.

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WATERWAY 04W-22W: 1000X1000 (WATER)**WATERWAY 15W-33W:** 5000X1000 (WATER)**TWITCHELL** (See TURNER on page 89)**VAN BUREN SPB** (Ø5B) 0 N UTC-5(-4DT) N47°09.54' W67°55.92'

HALIFAX

440 LRA NOTAM FILE BGR

WATERWAY NW-SE: 4000X200 (WATER)**WATERWAY SE:** Bridge.**SEAPLANE REMARKS:** Unattended. Clsd Oct 15-May 15 yearly. Access difficult due to construction of new border patrol facility. Dock located near base of bridge. Flight Notification Service (ADCUS) available. U.S. Customs avbl 24 hrs, 207-868-3391.**AIRPORT MANAGER:** 207-868-2886**COMMUNICATIONS:** CTAF 122.9**CLEARANCE DELIVERY PHONE:** For CD ctc Boston ARTCC at 603-879-6859.**WALES** (ME6) 2 SSW UTC-5(-4DT) N44°10.47' W70°01.14'

MONTREAL

210 NOTAM FILE BGR

RWY 04-22: 2100X80 (TURF)**RWY 04:** Ground.**RWY 22:** Tree.**AIRPORT REMARKS:** Unattended. Arpt CLOSED Nov-May, exc for skiing, Rwy 04-22 soft in spring, call prior to ldg 207-754-1372. Acft should mnt 122.8 in/ov arpt. 1239' MSL twr 7000' SE and 968' MSL twr 9600' SSE of arpt. Rwy 04 nstd markings, has white plastic barrel markers along side of rwy with thld marked with single plastic white barrel. Rwy 22 nstd markings, has white plastic barrel markers along side of rwy with thld marked with single plastic white barrel. FCLP equipment directly adjacent to left side of Rwy 10 1335-1725' approach end. FCLP equipment directly adjacent to left side of Rwy 28 1340-1725' from approach end.**AIRPORT MANAGER:** 207-754-6322**COMMUNICATIONS:** CTAF 122.9**CLEARANCE DELIVERY PHONE:** For CD ctc Portland Apch at 207-874-7320, when Apch clsd ctc Boston ARTCC at 603-879-6859.

WATERVILLE ROBERT LAFLEUR (WVL)(KWVL) 2 SW UTC-5(-4DT) N44°32.00' W69°40.53'

MONTREAL

333 B NOTAM FILE WVW MON Airport

H-11D, L-32H

RWY 05-23: H5500X100 (ASPH-GRVD) S-40, D-60, 2D-105

IAP

HIRL 1.2% up NE

RWY 05: MALSF. VASI(V4L)—GA 3.0° TCH 51'.

RWY 23: REIL. PAPI(P4L)—GA 3.0° TCH 40'.

RWY 14-32: H2301X60 (ASPH) S-25 0.4% up NW

RWY 14: Trees.

SERVICE: FUEL 100LL, JET A+

AIRPORT REMARKS: Attended May-Oct 1400-2200Z†, Nov-Apr 1300-2100Z†. Rwy 14 hold position markings missing. Avoid hospital one mile north. Acft ops on paved area only. Acft de-icing avbl.

AIRPORT MANAGER: 207-861-8013

WEATHER DATA SOURCES: AWOS-3PT 118.375 (207) 877-0519.

COMMUNICATIONS: CTAF/UNICOM 122.7

Ⓡ **PORTLAND APP/DEP CON** 128.35 (1045-0500Z†) **CLNC DEL** 124.6

Ⓡ **BOSTON CENTER APP/DEP CON** 128.2 (112°-292°) 124.25 (293°-111°) (0500-1045Z†)

CLEARANCE DELIVERY PHONE: For CD when Apch clsd ctc Boston ARTCC at 603-879-6859.

RADIO AIDS TO NAVIGATION: NOTAM FILE AUG.

AUGUSTA (VL) (DH) VOR/DME 114.95 AUG Chan 96(Y) N44°19.20' W69°47.79' 040° 13.8 NM to fld. 349/18W.

VOR unusable:

005°-015° byd 10 NM blo 7,000'

018°-050° byd 40 NM

055°-058° byd 40 NM

065°-089° byd 40 NM

075°-089° byd 25 NM blo 3,000'

090°-115° byd 15 NM

116°-175° byd 40 NM

116°-189° byd 25 NM blo 3,000'

188°-207° byd 40 NM

190°-205° byd 10 NM blo 5,000'

206°-220° byd 25 NM blo 3,000'

208°-213° byd 40 NM blo 3,000'

208°-213° byd 49 NM blo 7,000'

208°-213° byd 68 NM

225°-245° byd 40 NM

246°-256° byd 40 NM blo 7,000'

246°-256° byd 53 NM

257°-261° byd 40 NM

271°-275° byd 40 NM

300°-353° byd 40 NM

DME unusable:

010°-070° byd 25 NM blo 7,000'

071°-143° byd 25 NM blo 3,000'

144°-154° byd 25 NM blo 7,000'

155°-189° byd 25 NM blo 3,000'

190°-205° byd 10 NM blo 5,000'

206°-220° byd 25 NM blo 3,000'

221°-285° byd 15 NM blo 6,000'

ILS/DME 110.5 I-RLU Chan 42 Rwy 05. Class IB. Glideslope unusable byd 9 NM and unusable byd 5° left and right side of course.



WISCASSET (IWI)(KIWI) 3 SW UTC-5(-4DT) N43°57.69' W69°42.75'

NEW YORK
L-32H
IAP

70 B NOTAM FILE IWI

RWY 07-25: H3397X75 (ASPH) S-22 MIRL 0.4% up W

RWY 07: PAPI(P4R)—GA 4.0° TCH 40'. Pole.

RWY 25: REIL. PAPI(P4L)—GA 3.5° TCH 40'. Tree. Rgt tfc.

SERVICE: FUEL 100LL, JET A1+ LGT ACTIVATE REIL Rwy 25, PAPI Rwys 07 and 25, MIRL Rwy 07-25—CTAF.

NOISE: Noise sensitive area southwest off end of Rwy 07, climb straight out to 700' AGL.

AIRPORT REMARKS: Attended May-Labor Day 1300-2100Z†, Sep-Nov Fri-Sun 1400-2100Z†, Jan-Mar not attended, Dec-Apr Sat-Sun 1500-1900Z†. Deer and wildlife on and in/ovf arpt. 24 hr credit card fuel opr. Rwy 7 apch obstrn lgts on 60' poles along right side of apch lctd in 60' to 70' tall trees.

AIRPORT MANAGER: (207) 882-5475

WEATHER DATA SOURCES: ASOS 135.725 (207) 882-8094.

COMMUNICATIONS: CTAF/UNICOM 122.8

Ⓡ **PORTLAND APP/DEP CON** 120.4 (293°-111°) 119.75 (112°-292°)
(Mon-Fri 1045-0500Z†)

Ⓡ **BOSTON CENTER APP/DEP CON** 128.2 (112°-292°) 124.25 (293°-111°)
(Mon-Fri 0500-1045Z†)

CLEARANCE DELIVERY PHONE: For CD ctc Portland Apch at 207-874-7320.
when Portland Apch clsd, ctc Boston ARTCC at 603-879-6859.

RADIO AIDS TO NAVIGATION: NOTAM FILE AUG.

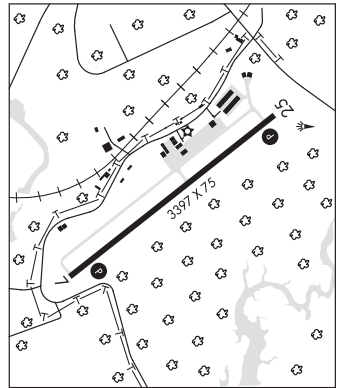
AUGUSTA (VL) (DH) VOR/DME 114.95 AUG Chan 96(Y) N44°19.20' W69°47.79' 188° 21.8 NM to fld. 349/18W.

VOR unusable:

- 005°-015° byd 10 NM blo 7,000'
- 018°-050° byd 40 NM
- 055°-058° byd 40 NM
- 065°-089° byd 40 NM
- 075°-089° byd 25 NM blo 3,000'
- 090°-115° byd 15 NM
- 116°-175° byd 40 NM
- 116°-189° byd 25 NM blo 3,000'
- 188°-207° byd 40 NM
- 190°-205° byd 10 NM blo 5,000'
- 206°-220° byd 25 NM blo 3,000'
- 208°-213° byd 40 NM blo 3,000'
- 208°-213° byd 49 NM blo 7,000'
- 208°-213° byd 68 NM
- 225°-245° byd 40 NM
- 246°-256° byd 40 NM blo 7,000'
- 246°-256° byd 53 NM
- 257°-261° byd 40 NM
- 271°-275° byd 40 NM
- 300°-353° byd 40 NM

DME unusable:

- 010°-070° byd 25 NM blo 7,000'
- 071°-143° byd 25 NM blo 3,000'
- 144°-154° byd 25 NM blo 7,000'
- 155°-189° byd 25 NM blo 3,000'
- 190°-205° byd 10 NM blo 5,000'
- 206°-220° byd 25 NM blo 3,000'
- 221°-285° byd 15 NM blo 6,000'



ANDREWS N38°48.43' W76°51.98' NOTAM FILE ADW.
 (L) (L) **VORTACW** 113.1 ADW Chan 78 at Joint Base Andrews. 263/10W.

**WASHINGTON
 COPTER**

H-10H, 12I, L-29E, 34F, 36I, A

VOR unusable:
 035°-045° blo 2,500'
 089°-182°
 183°-227° blo 4,000'
 230°-236° byd 20 NM
 237°-270°
 333°-048°

TACAN AZIMUTH unusable:
 035°-045° blo 2,500'
 220°-280°
 295°-310°

DME unusable:
 035°-045° blo 2,500'
 220°-280°

ANNAPOLIS

LEE (ANP)(KANP) 5 SW UTC-5(-4DT) N38°56.57' W76°34.10'
 34 B NOTAM FILE DCA

**WASHINGTON
 COPTER**

L-29E, 34F, 36I, A
 IAP

RWY 12-30: H2505X48 (ASPH) LIRL

RWY 12: PAPI(P2L)—GA 5.75° TCH 21'. Thld dsplcd 476'. Trees.

RWY 30: PAPI(P2R)—GA 4.25° TCH 25'. Thld dsplcd 326'. Trees.

SERVICE: S4 **FUEL** 100LL **LGT** Arpt bcn opr dusk-0300Z‡. ACTVT LIRL Rwy 12-30—CTAF. Lighting inop btw 0300-1200Z‡.

AIRPORT REMARKS: Attended 1300-2100Z‡. Arpt CLOSED 0300-1200Z‡, ctc arpt manager for details. Hvy bird and wildlife act on and inof arpt. Ctc arpt manager 410-956-1280 for approval of any fit ops between 0300-1200Z‡. Arpt unattended New Years Day, Memorial Day, July 4, Labor Day, Thanksgiving and Christmas. Rwy 12-30 minor pavement cracks full length. No tkf after 0300Z‡ daily. Touch and go opr prohibited. VGSI apchs to be flown. Rwy 12 VGSI reliable on centerline only. No grass crossover frm Rwy 12-30 to twy rollout to end of rwy. No landing on grass. Ldg fee after one hr or overnight.

AIRPORT MANAGER: 410-956-1280

COMMUNICATIONS: CTAF 122.9

® **POTOMAC APP/DEP CON** 119.7

CLEARANCE DELIVERY PHONE: For CD ctc Potomac Apch at 866-429-5882.

RADIO AIDS TO NAVIGATION: NOTAM FILE BWI.

BALTIMORE (L) (L) VORTACW 115.1 BAL Chan 98 N39°10.26' W76°39.68' 173° 14.4 NM to fld. 150/11W.

TACAN AZIMUTH & DME unusable:
 133°-155° byd 20 NM blo 10,000'
 300°-349° byd 35 NM

TACAN DME unusable:
 133°-155° byd 36 NM

VOR unusable:
 133°-155° byd 20 NM blo 10,000'
 197°-217° byd 17 NM
 282°-292°

TACAN AZIMUTH unusable:
 029°-042° byd 30 NM
 180°-190° byd 17 NM

BALTIMORE

BALTIMORE/WASHINGTON INTL THURGOOD MARSHALL (BWI)(KBWI) 9S UTC-5(-4DT)

WASHINGTON

N39°10.54' W76°40.14'
 143 B LRA Class I, ARFF Index D NOTAM FILE BWI
RWY 10-28: H10503X150 (ASPH-GRVD) S-80, D-220, 2D-1020, 2D/2D2-1340 PCN 105F/A/W/T HIRL CL
RWY 10: ALSF2. TDZL. PAPI(P4R)—GA 3.0° TCH 71'. RVR-TMR Thld dsplcd 550'. Tree.
RWY 28: MALSR. PAPI(P4L)—GA 3.0° TCH 75'. RVR-TMR Thld dsplcd 700'. Tree. 0.3% up.
RWY 15R-33L: H9501X150 (ASPH-GRVD) S-80, D-220, 2D-675, 2D/2D2-890 PCN 70 F/A/W/T HIRL CL
RWY 15R: MALSR. PAPI(P4R)—GA 3.0° TCH 73'. RVR-TMR Thld dsplcd 301'. Antenna.
RWY 33L: MALSR. TDZL. PAPI(P4L)—GA 3.0° TCH 72'. RVR-TMR Thld dsplcd 500'. Tower.

COPTER
 H-10H, 12I, L-29E, 34F, 36I, A
IAP, AD

RWY 15L-33R: H5000X100 (ASPH-GRVD) S-30, D-45 PCN 15 F/A/W/T HIRL 0.5% up NW
RWY 15L: REIL. PAPI(P4L)—GA 3.0° TCH 47'. RVR-TR Pole.
RWY 33R: MALSR. REIL. PAPI(P4L)—GA 3.0° TCH 47'. RVR-TR Tree.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 10: TORA-10503 TODA-10503 ASDA-10503 LDA-9953
RWY 15L: TORA-5000 TODA-5000 ASDA-5000 LDA-5000
RWY 15R: TORA-9501 TODA-9501 ASDA-8601 LDA-8301
RWY 28: TORA-10503 TODA-10503 ASDA-10503 LDA-9803
RWY 33L: TORA-9501 TODA-9501 ASDA-8801 LDA-8301
RWY 33R: TORA-5000 TODA-5000 ASDA-5000 LDA-5000

SERVICE: S4 FUEL 100LL, JET A OX 1, 2, 3, 4

NOISE: Noise abatement procedures in effect—Rstrn for Rwy 15L-33R except for emerg or Mercy flights ctc amgr for info.

AIRPORT REMARKS: Attended continuously. Deer and birds only on and in/ov arpt. Major constr on arpt dly; acft mov and prkg areas subject to short notice change/closure. For current info phone BWI opns cntr 410-859-7018. Rwy status lgts in operation. Practice lndg & apch by turbo-pwr'd acft prohibited 0300-1100Z±; practice lndg & tkof by B-747 acft prohibited Rwy 15R-33L. Rwy length avbl for Rwy 28 departures from Twy U1 is 9802 ft. ASDE-X in use. Operate transponders with alt reporting mode and ADS-B (if equipped) enabled on all arpt surfaces. Acft departing Rwy 28 exp dep from Twy U1. No apron parking for unscheduled air carriers. General aviation acft ctc UNICOM prior to arr at General Aviation ramp for security purposes. Midfield RVR sensor shared by Rwy 10-28 & Rwy 15R-33L. Taxiing prohibited btn concourse C and adjacent bldg structure SW of concourse C. Access to gate C12 must be via Twy A. Taxilanes T-1 and H, rstd to Group III acft with max wingspan of 118 ft. Twy A is rstd to group IV acft wingspan 171 ft or less. Twy T btn Twy H and Twy E rstd to Group IV acft with wingspan less than 171 ft. Twy T btn Twy E and Twy B rstd to Group V acft with wingspan less than 214 ft; when Group V acft are on Twy T, Twy A is rstd to max wingspans of 110 ft. Twy S, south of Twy P, rstd to acft 60,000 lbs & less. Dual parallel taxilanes have been added to the D/E alleyway, Taxilane N and Taxilane N1. Taxilane N is designated a Group V taxilane with max wingspan of 213 ft. Taxilane N1 is designated a Group IV taxilane with a max wingspan of 170 ft. Rwy 15L-33R rstd to acft producing less than 90 decibels exc for emergs. Cont mowing operations adj all rwys & twys Apr thru Nov. Distracting lgts (golf driving range) right side extdd cntrln Rwy 33L fm AER to 1/4 mi final. Acft on visual apchs expect to maintain 3000 ft until 10 DME fm BAL VORTAC; dep acft should expect turns based on Baltimore DME. Rwy 15R deice pad, Position # 1 rstd to acft with wingspan of 156 ft 1 inch or less & length of 180 ft 3 inches or less. Psn's # 2 & # 3 are rstd to acft with a wingspan of 156 ft 1 inch or less, Position # 3 is rstd to acft with a wingspan of 156 ft 1 inch or less & length of 180 ft 3 inches or less; Position # 4 rstd to acft with wingspan of 213 ft or less & length of 229 ft 2 inches or less. Rwy 28 de-ice pad Lane 1 rstd to acft with wingspan 171 ft or less, Lane 2 rstd to acft with wingspan 135 ft or less, Lane 3 is used by large acft max wingspan 215 ft and when in use—Lanes 2 and 4 are unavbl. Lanes 4, 5 & 6 are rstd to acft wingspan 135 ft or less. Concourse A alt deicing area is rstd to B737-800 size acft with winglets or smlr on spots 6, 7 and 8. B737-700 size acft with winglets or smaller are rstd to spots 6A, 7B and 8B. Ldg fee. Flight Notification Service (ADCUS) avbl.

AIRPORT MANAGER: 410-859-7024

WEATHER DATA SOURCES: ASOS (410) 691-1278 TDWR.

COMMUNICATIONS: D-ATIS 115.1 127.8 UNICOM 119.4

BALTIMORE RCO 122.2 (LEESBURG RADIO)

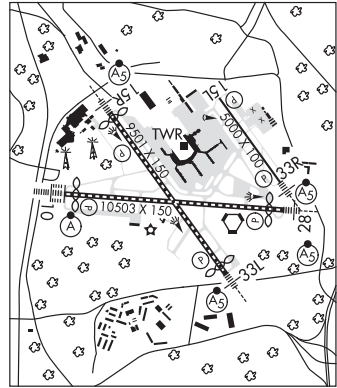
Ⓡ **POTOMAC APP CON** 119.0 (020°-130°) 119.7 (131°-180°) 124.55 (101°-130°) 128.7 (181°-019°) 119.0 (131°-180°) 119.7 (020°-130°) 125.525 (181°-019°)

BALTIMORE TOWER 119.4 **GND CON** 121.9 **CLNC DEL** 118.05

Ⓡ **POTOMAC DEP CON** 124.55 (East) 128.7 (West)

CPDLC (LOGON KUSA)

PDC



CONTINUED ON NEXT PAGE

CONTINUED FROM PRECEDING PAGE

AIRSPACE: CLASS B See VFR Terminal Area Chart.

RADIO AIDS TO NAVIGATION: NOTAM FILE BWI.

(L) (L) VORTACW 115.1 BAL Chan 98 N39°10.26' W76°39.68' at fld. 150/11W.

TACAN AZIMUTH & DME unusable:

133°-155° byd 20 NM blo 10,000'

300°-349° byd 35 NM

TACAN DME unusable:

133°-155° byd 36 NM

VOR unusable:

133°-155° byd 20 NM blo 10,000'

197°-217° byd 17 NM

282°-292°

TACAN AZIMUTH unusable:

029°-042° byd 30 NM

180°-190° byd 17 NM

ELLCOTT NDB (MHW) 371 FND N39°17.24' W76°46.62' 154° 8.4 NM to fld. 381/11W.

NDB unusable:

140°-320° byd 12 NM blo 10,500'

ILS 109.7 I-BAL Rwy 10. Class IIIE.

ILS 111.95 I-UQC Rwy 15L. Class ID. LOC unusable byd 30° left of course.

ILS 111.7 I-FND Rwy 15R. Class IE.

ILS 109.7 I-OEH Rwy 28. Class IE.

ILS 111.7 I-RUX Rwy 33L. Class IIE.

ILS 111.95 I-BWI Rwy 33R. Class ID.

COMM/NAV/WEATHER REMARKS: During ATC zero events, UNICOM 119.4.

ESSEX SKYPARK (W48) 3 SE UTC-5(-4DT) N39°15.75' W76°25.93'

**WASHINGTON
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14 B NOTAM FILE DCA

RWY 16-34: H2081X30 (ASPH) MIRL

RWY 16: REIL. PAPI(P2L)—GA 4.5° TCH 19'. Trees.

RWY 34: REIL. PAPI(P2R)—GA 4.5° TCH 20'. Thld dsplcd 192'. Trees.

SERVICE: LGT ACTVT REIL Rwy 16 and Rwy 34; MIRL Rwy 16-34—CTAF.

AIRPORT REMARKS: Unattended. No touch and go lds. Pla and hel pat NA. PPR for mil, emerg and med acct.

AIRPORT MANAGER: 443-996-1743

COMMUNICATIONS: CTAF/UNICOM 122.7

CLEARANCE DELIVERY PHONE: For CD ctc Potomac Apch at 866-429-5882.

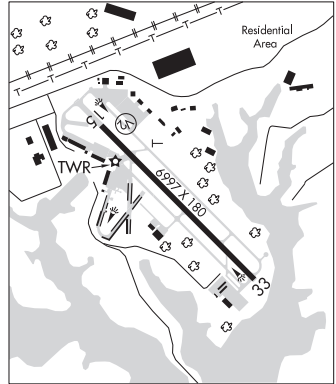
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WATERWAY 16W-34W: 3000X300 (WATER)

MARTIN STATE (MTN)(KMTN) P (ANG) 9 E UTC-5(-4DT) N39°19.54' W76°24.83'
 22 B TPA—See Remarks LRA NOTAM FILE MTN
RWY 15-33: H6997X180 (ASPH-GRVD) S-65, D-82, 2S-175,
 2D-140 HIRL

**WASHINGTON
 COPTER**
 H-10H, 12I, L-29E, 34F, 36J, A
 IAP, AD

RWY 15: REIL. PVASI(P SIL)—GA 4.01° TCH 37'. Trees.
RWY 33: REIL. PVASI(P SIL)—GA 2.91° TCH 48'. Trees.
SERVICE: S2 **FUEL** 100LL, JET A+ **LGT** Dusk-Dawn. When ATCT clsd
 actvt REIL Rwy 15 & 33; HIRL Rwy 15-33—CTAF. When ATCT clsd
 actvt Twy F lghts—UNICOM. Rwy 15 VGS1 unusbl byd 5 degs either
 side of centerline. **MILITARY—FUEL** 100LL, A, A+ — 100LL 24 hr self
 svc 100LL avbl with credit card. **TRAN ALERT** Min tran maint and prk
 avbl dur nml duty hr and Unit Training Assemblies. No fleet svc avbl.
NOISE: Noise abatement procs in efct. When ATCT clsd no practice lndgs
 or apchs.



AIRPORT REMARKS: Attended 1100-0400Z†. Arpt conds unmon
 0400-1100Z†. Seagulls on and invof arpt. 24 hr self serve 100LL
 avbl with credit card. Helicopters not authorized to access the 100LL
 self svc station under own pwr. PPR for practice tkf and ldg for actf
 weighing more than 12,500 lbs. TPA reciprocating engine actf
 999(978), turbo prop and civil jet actf 1500(1478), military jet actf
 1999(1978). 8,100' avbl for tkof Rwy 15 and ldg Rwy 33 for mil
 actf only. ARFF svcs avbl 24 hrs daily. For ARFF svcs when ATCT clsd
 ctc ARFF station: CTAF or 410-918-6257/410-918-6911. No actf
 access to Twy S from Strawberry Point ramp. Helipad 800' left of AER 33. Recreational sailboat masts +50 ft & motor
 boats in waterway at AER 33 813 ft fm thr OB. Mowing ops conducted during dalgt. For additional information ctc arpt
 manager 410-682-8800.

MILITARY REMARKS: RSTD No practice apch or ldg 0300-1100Z†. 8100' avbl for tkf Rwy 15 and ldg Rwy 33 for mil actf only.
CAUTION Bird Actf Strike Haz II in effect Aug-Jan. **TFC PAT** TPA—C-130/Jet 1500(1478), A-10 2000 (1978). **ANG** PPR for
 svc and use of ANG prk ramp only, DSN 243-6630/6637/6444, C410-918-6630/6637/6444; after duty hr ctc
 C410-698-8947. C-5/C-17 actf rstd to Twy A. No space A, fleet svc, or tran qtrs avbl. PPR after duty hr rq OG/CC apvl.
 Call cmd post/Raven Ops 275.500 or 139.900 10 min prior to ldg.

AIRPORT MANAGER: 410-682-8800
WEATHER DATA SOURCES: AWOS-3PT 124.925 (410) 682-8848.

COMMUNICATIONS: CTAF 121.3 ATIS 124.925 UNICOM 122.95

Ⓡ **POTOMAC APP/DEP CON** 119.0 119.7 282.275 290.475

TOWER 121.3 254.425 (1100-0300Z†) **GND CON** 121.8 253.4
 175 WG COMD POST 139.9 275.7

CLEARANCE DELIVERY PHONE: For CD when twr clsd ctc Potomac Apch at 866-429-5882.

AIRSPACE: CLASS D svc 1100-0300Z†; other times CLASS E.

RADIO AIDS TO NAVIGATION: NOTAM FILE BWI.

BALTIMORE (I) (L) VORTACW 115.1 BAL Chan 98 N39°10.26' W76°39.68' 062° 14.8 NM to fld. 150/11W.

TACAN AZIMUTH & DME unusable:
 133°-155° byd 20 NM blo 10,000'
 300°-349° byd 35 NM

TACAN DME unusable:
 133°-155° byd 36 NM

VOR unusable:
 133°-155° byd 20 NM blo 10,000'
 197°-217° byd 17 NM
 282°-292°

TACAN AZIMUTH unusable:
 029°-042° byd 30 NM
 180°-190° byd 17 NM

LOC/DME 110.7 I-BQG Chan 44 Rwy 15. Localizer offset. DME also serves Rwy 33. Unmonitored when ATCT clsd.

ILS/DME 110.7 I-MTN Chan 44 Rwy 33. Class IE. Unmonitored when ATCT closed. DME also serves Rwy 15.

PIER 7 HELIPORT (4MD) 3 SE UTC-5(-4DT) N39°16.33' W76°34.30'

**WASHINGTON
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16 B NOTAM FILE DCA

HELIPAD H1: H50X50 (CONC) PERIMETER LGTS

SERVICE: **FUEL** JET A **LGT** ACTIVATE perimeter lighting on PCL—123.075—7 clicks.

HELIPORT REMARKS: Attended 1330-0600Z†. Perimeter lghts. Ldg fee.

AIRPORT MANAGER: (443) 500-2355

COMMUNICATIONS: CTAF 123.025

CLEARANCE DELIVERY PHONE: For CD ctc Potomac Apch at 866-429-5882.

BAY BRIDGE (See STEVENSVILLE on page 117)

BENNETT (See SALISBURY on page 115)

BOWIE

FREEWAY (WØØ) 2 NW UTC-5(-4DT) N38°56.48' W76°46.34'

168 B TPA—See Remarks NOTAM FILE DCA

RWY 18-36: H2420X40 (ASPH) MIRL 0.7% up N

RWY 18: PAPI(P2R)—GA 6.0° TCH 47'. Trees.

RWY 36: PAPI(P2L)—GA 5.5° TCH 26'. Thld dspcd 230'. Trees. Rgt ttc.

SERVICE: S4 **FUEL** 100LL **LGT** ACTVT PAPI Rwy 18 and 36; MIRL Rwy 18-36—CTAF.

AIRPORT REMARKS: Attended 1300-2200Z±. Unattended major holidays. 100LL avbl when atndd. -15 ft drop 80 ft from apch to Rwy 36. -7 ft drop 50 ft fm apch end Rwy 18. Unlgt antenna 135 ft AGL 600 ft NW AER 18. TPA—1000(832) for acft less than 4000 lbs max gross weight. TPA—1200(1032) for acft greater than 4000 lbs. Twy runup area for Rwy 36 clsd.

AIRPORT MANAGER: 301-390-6424

COMMUNICATIONS: CTAF/UNICOM 123.075

® **POTOMAC APP/DEP CON** 128.0

CLEARANCE DELIVERY PHONE: For CD ctc Potomac Apch at 866-599-3874.

RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.

NOTTINGHAM (L) TACAN Chan 84 OTT (113.7) N38°42.35'

W76°44.68' 005° 14.2 NM to fld. 210/10W.

TACAN AZIMUTH unusable:

006°-194° blo 12,500'

DME unusable:

031°-050° byd 20 NM blo 4,000'

051°-065° byd 20 NM blo 5,000'

066°-076° byd 20 NM blo 3,000'

066°-076° byd 32 NM blo 5,000'

077°-086° byd 20 NM blo 5,000'

087°-122° byd 20 NM blo 7,000'

087°-143° byd 36 NM

123°-143° byd 20 NM blo 6,000'

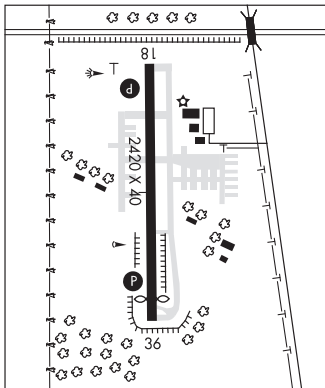
123°-143° byd 32 NM blo 7,000'

144°-180° byd 20 NM blo 5,000'

181°-259° byd 20 NM blo 2,500'

260°-030° byd 20 NM blo 3,000'

**WASHINGTON
COPTER
L-29E, 34F, 36I, A
IAP**



CAMBRIDGE-DORCHESTER RGNL (CGE)(KCGE) 3 SE UTC-5(-4DT) N38°32.36' W76°01.82'

WASHINGTON
L-34F, 36I, A
IAP

20 B NOTAM FILE DCA

RWY 16-34: H4477X75 (ASPH-GRVD) S-14 MIRL

RWY 16: REIL. PAPI(P2L)—GA 3.5° TCH 46'. Trees.

RWY 34: REIL. PAPI(P2L)—GA 3.25° TCH 35'. Road.

SERVICE: FUEL 100LL, JET A LGT Actvt REIL Rwy 16 & 34; PAPI Rwy 16 & 34; MIRL Rwy 16-34—121.9.

AIRPORT REMARKS: Attended 1300-2200Z†. Unattended Thanksgiving, Christmas and New Years day.

AIRPORT MANAGER: 410-228-4571

WEATHER DATA SOURCES: AWOS-3 120.675 (410) 228-7559.

COMMUNICATIONS: CTAF/UNICOM 122.7

Ⓡ **PATUXENT APP/DEP CON** 121.0 (1200-0400Z† Mon-Sun. Other times by NOTAM) other times ctc

Ⓡ **POTOMAC APP/DEP CON** 135.625

CLEARANCE DELIVERY PHONE: For CD ctc Patuxent Apch at 301-342-3740, when Patuxent Apch is clsd ctc Potomac Apch at 866-640-4124.

RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.

PATUXENT (L) (L) VORTACW 117.6 PXT Chan 123 N38°17.27' W76°24.01' 059° 23.1 NM to fld. 18/10W.

VOR unusable:

023° byd 10 NM blo 2,500'

024°-174° byd 11 NM blo 2,500'

175°-239° byd 10 NM blo 5,000'

240°-347°

348°-022° byd 11 NM blo 2,500'

TACAN AZIMUTH unusable:

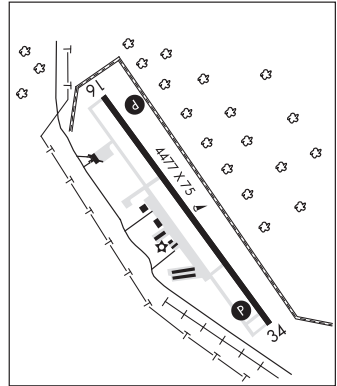
150°-155° byd 25 NM blo 2,500'

155°-237° byd 11 NM blo 2,500'

DME unusable:

150°-155° byd 25 NM blo 2,500'

155°-237° byd 11 NM blo 2,500'



CARROLL CO RGNL/JACK B POAGE FLD (See WESTMINSTER on page 118)

CHURCHVILLE

HARFORD CO (ØW3) 3 E UTC-5(-4DT) N39°34.09' W76°12.18'

WASHINGTON
L-29E, 34F, 36I, A
IAP

412 B NOTAM FILE DCA

RWY 01-19: H2850X75 (ASPH) MIRL 0.5% up S

RWY 01: REIL. PAPI(P2L)—GA 3.5° TCH 26'. P-line.

RWY 19: REIL. PAPI(P2L)—GA 3.25° TCH 42'. Thld dsplcd 160'. P-line.

RWY 10-28: H2015X40 (ASPH) LIRL(NSTD) 1.4% up W

RWY 10: REIL. Trees.

RWY 28: REIL. Thld dsplcd 101'. Trees.

SERVICE: S4 FUEL 100LL, JET A LGT Arpt bcn sked: dusk-0600Z†. ACTVT REIL Rwy 01 and Rwy 19; PAPI Rwy 01 and Rwy 19; MIRL Rwy 01-19—CTAF. Rwy 10-28 LIRL nstd; no dsplcd thr lgts.

AIRPORT REMARKS: Attended 1300Z†-dusk. Ctn paja and gldr ops on arpt. Birds/wildlife on and invof arpt. PPR for Rwy 10-28.

AIRPORT MANAGER: 410-836-2828

WEATHER DATA SOURCES: AWOS-3PT 132.725 (667) 340-6003.

COMMUNICATIONS: CTAF/UNICOM 122.8

Ⓡ **POTOMAC APP/DEP CON** 125.525

CLEARANCE DELIVERY PHONE: For CD ctc Potomac Apch at 866-429-5882.

RADIO AIDS TO NAVIGATION: NOTAM FILE MIV.

DUPONT (L) (L) VORTAC 114.0 DQO Chan 87 N39°40.69' W75°36.43' 267° 28.4 NM to fld. 70/10W.

VOR unusable:

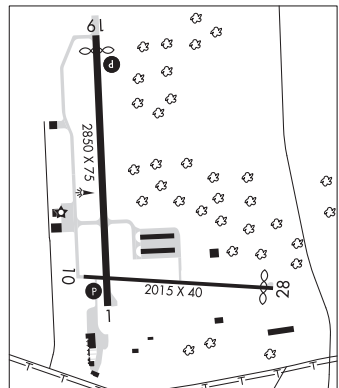
230°-265° byd 20 NM

TACAN AZIMUTH unusable:

230°-265° byd 20 NM

DME unusable:

230°-265° byd 20 NM



CLAREMONT (See ELKTON on page 101)

CLEARVIEW AIRPARK (See WESTMINSTER on page 118)**COLLEGE PARK** (CGS)(KCGS) 1 SE UTC-5(-4DT) N38°58.83' W76°55.33'

49 B NOTAM FILE CGS

RWY 15-33: H2980X60 (ASPH) MIRL 0.3% up NW**RWY 15:** REIL. PAPI(P2L)—GA 4.0° TCH 27'. Thld dspcd 564'.
Trees.**RWY 33:** REIL. PAPI(P2R)—GA 4.0° TCH 27'. Thld dspcd 171'.
Trees.**RUNWAY DECLARED DISTANCE INFORMATION****RWY 15:** TORA-2980 TODA-2980 ASDA-2740 LDA-2176**RWY 33:** TORA-2980 TODA-2980 ASDA-2846 LDA-2675**SERVICE:** FUEL 100LL, JET A1+ LGT ACTVT REIL Rwy 15 and 33;
PAPI Rwy 15 and 33; MIRL Rwy 15-33—CTAF.**NOISE:** NS ABTMT procedures in effect ctc arpt mgr 301-864-5844.**AIRPORT REMARKS:** Attended 1200-0300Z†. Deer and other wildlife on and in/ovf arpt. Compliance with 14 CFR Section 93.335 is rqr before pilots may opr to/from this arpt. AER 15 heavy smoke and firefighting training ops intermittently in progress. No student touch and go ldg or solo ops permitted. No acft over 12,500 lbs manufacturer GWT, helicopters only with 24 hr PPR, call arpt mgr 301-864-5844. No tkfs 0300-1200Z†, ldg only. Bldg 0.1 NM S of arpt 23' AGL lgtd. Transient parking: first 4 hrs free; fee aft, waived w/min fuel purchase; overnight fee. Hel ramp fee; waived if under 3500 lbs or min fuel purchase. Acft handling fee if relocation to/from fuel area rqr by arpt pers.**AIRPORT MANAGER:** 301-864-5844**WEATHER DATA SOURCES:** AWOS-3 121.225 (301) 864-5497.**COMMUNICATIONS:** CTAF/UNICOM 122.975® **POTOMAC APP/DEP CON** 125.65 124.7**CLEARANCE DELIVERY PHONE:** For CD ctc Potomac Apch at 866-599-3874.**RADIO AIDS TO NAVIGATION:** NOTAM FILE BWI.**BALTIMORE (L) (L) VORTACW** 115.1 BAL Chan 98 N39°10.26' W76°39.68' 238° 16.7 NM to fld. 150/11W.

TACAN AZIMUTH & DME unusable:

133°-155° byd 20 NM blo 10,000'

300°-349° byd 35 NM

TACAN DME unusable:

133°-155° byd 36 NM

VOR unusable:

133°-155° byd 20 NM blo 10,000'

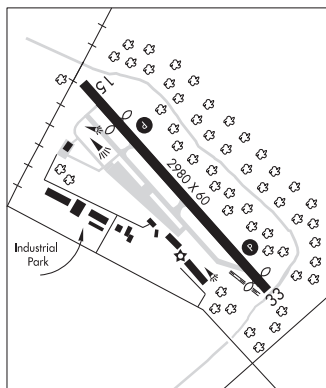
197°-217° byd 17 NM

282°-292°

TACAN AZIMUTH unusable:

029°-042° byd 30 NM

180°-190° byd 17 NM

**WASHINGTON
COPTER
L-29E, 34F, 36I, A
IAP**

CRISFIELD-SOMERSET CO (W41) 3 NE UTC-5(-4DT) N38°01.09' W75°49.61'

WASHINGTON
L-34F, 361
IAF

4 B NOTAM FILE DCA

RWY 14-32: H2397X75 (ASPH) S-12 MIRL

RWY 14: REIL. PAPI(P2L)—GA 3.0° TCH 39'.

RWY 32: REIL. PAPI(P2L)—GA 3.25° TCH 33'. Road.

RWY 06-24: 1060X120 (TURF)

RWY 06: Trees.

RWY 24: Trees.

SERVICE: FUEL 100LL LGT Actvt REIL Rwy 14 & 32; MIRL Rwy 14-32—CTAF.

AIRPORT REMARKS: Attended 1330-2130Z†. Rwy 06-24 clsd indefy. If attendant not present for fuel during attended hrs call 410-968-1333 or 410-458-4923. Birds and wildlife on and invof arpt. Turf areas of arpt may be soft.

AIRPORT MANAGER: 410-968-1333

COMMUNICATIONS: CTAF/UNICOM 122.8

Ⓡ **PATUXENT APP/DEP CON** 127.95 (1200-0400Z† Mon-Sun. Other times by NOTAM) other times ctc

Ⓡ **POTOMAC APP/DEP CON** 127.2

CLEARANCE DELIVERY PHONE: For CD ctc Patuxent Apch at 301-342-3740, when Patuxent Apch is clsd ctc Potomac Apch at 866-640-4124.

RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.

SNOW HILL (L) (L) VORTACW 112.4 SWL Chan 71 N38°03.40' W75°27.83' 270° 17.4 NM to fld. 34/8W.

VOR unusable:

005°-020° byd 25 NM blo 1,500'

020°-040° byd 20 NM blo 1,700'

040°-045° byd 10 NM blo 2,000'

210°-225° byd 13 NM blo 4,000'

210°-225° byd 18 NM blo 6,000'

210°-225° byd 37 NM

225°-265° byd 10 NM blo 2,500'

225°-265° byd 30 NM blo 9,000'

265°-005° byd 20 NM blo 1,500'

TACAN AZIMUTH OTS

CUMBERLAND

GREATER CUMBERLAND RGNL (CBE)(KCBE) 2 S UTC-5(-4DT) N39°36.92' W78°45.69'

WASHINGTON
H-10H, 12I, L-29D
IAF

775 B TPA—1799(1024) NOTAM FILE EKN

RWY 05-23: H5047X150 (ASPH) S-38, D-52 HIRL 1.1% up NE

RWY 05: Trees. Rgt tfc.

RWY 23: REIL. PAPI(P4L)—GA 3.59° TCH 29'.

RWY 11-29: H3000X150 (ASPH) S-12 LIRL(NSTD)

RWY 11: Thld dspld 560'. Hill.

SERVICE: S4 FUEL 100LL, JET A OX 1, 2, 3, 4 LGT Actvt REIL Rwy 23; HIRL Rwy 05-23; LIRL Rwy 11-29; and twy lgts—CTAF. Rwy 11 nstd LIRL fm Rwy 11 thr to Rwy 11 dspld thr, due to improper lens colors and spacing.

AIRPORT REMARKS: Attended 1300-0100Z†. Deer/birds on and invof arpt. Glider opns W of arpt use Rwy 11 for dep; Rwy 29 for arr. Rwy 05 apch has rapidly rising terrain 696 ft left, 2000 ft fm thld. Rwy 11 ngt opns and any Indgs not recommended due to high terrain. Bottle oxy avbl fm 1300-2000Z† Mon-Fri by prior arngmt-call 304-738-0002 ext 11. Bulk oxy avbl fm 1300-2000Z† Mon-Fri by prior arngmt-call 304-738-0002 ext 11. Rwy 23 900 ft taxiway aligned with rwy west end. Rotating bcn located off arpt. Rwy 05-23 markings and CL partially obscured by longitudinal and transverse crack fill. Rwy 05-23 markings faded. Cold temperature airport. Altitude correction required at or below -15C. Rwsys 05, 23 and 29 markings faded.

AIRPORT MANAGER: 304-738-0002

WEATHER DATA SOURCES: AWOS-3 128.625 (304) 738-0451.

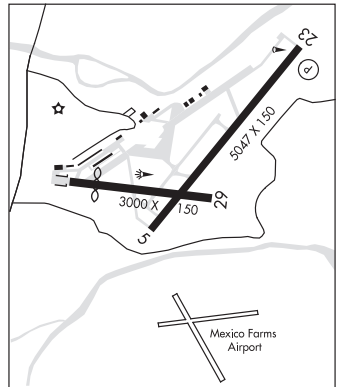
COMMUNICATIONS: CTAF/UNICOM 122.8

CUMBERLAND RCO 122.35 (ELKINS RADIO)

Ⓡ **JOHNSTOWN APP/DEP CON** 121.2 (1200-0400Z†)

Ⓡ **CLEVELAND CENTER APP/DEP CON** 124.4 (0400-1200Z†)

CLEARANCE DELIVERY PHONE: For CD ctc Johnstown Apch at 814-532-5960, when Apch clsd ctc Cleveland ARTCC at 440-774-0213.



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RADIO AIDS TO NAVIGATION: NOTAM FILE EKN.

GRANTSVILLE (L) DME 112.3 GRV Chan 70 N39°38.10' W79°03.03' 095° 13.5 NM to fld. 2640.

DME unusable:

071°-306° byd 20 NM blo 6,000'

108°-113° byd 38 NM

307°-070° byd 20 NM blo 5,000'

325°-345° byd 35 NM

LOC/DME 110.5 I-CBE Chan 42 Rwy 23. DME unusable byd 22° left of course. DME unusable byd 10 NM blw 3,500'.

MEXICO FARMS (1W3) 3 S UTC-5(-4DT) N39°36.36' W78°45.63'

WASHINGTON

607 TPA-1407(800) NOTAM FILE EKN

RWY 09-27: 2120X75 (TURF)

RWY 09: Rgt tfc.

RWY 27: Thld dsplcd 326'. Trees.

AIRPORT REMARKS: Unattended. Ultralight act and wildlife on and invof arpt. Rising trrn 4500 ft W of arpt. Rwy 27 dsplcd thr mtkd with cones on both sides. Rwy 09-27 may be soft.

AIRPORT MANAGER: 301-724-5231

COMMUNICATIONS: CTAF/UNICOM 122.8

CLEARANCE DELIVERY PHONE: For CD ctc Johnstown Apch at 814-532-5960, when Apch clsd ctc Cleveland ARTCC at 440-774-0213.

COMM/NAV/WEATHER REMARKS: UNICOM 122.8 shared with Cumberland Muni 0.5 mi due N.

DAVIS (See LAYTONSVILLE on page 109)

EASTON/NEUNAM FLD (ESN)(KESN) 2 N UTC-5(-4DT) N38°48.25' W76°04.14'

WASHINGTON

72 B TPA—See Remarks NOTAM FILE ESN

H-101, 121, L-34F, 361, A

RWY 04-22: H5500X100 (ASPH-GRVD) S-40, D-60, 2D-100 HIRL

IAP, AD

0.7% up NE

RWY 04: PAPI(P4L)—GA 3.0° TCH 43'.

RWY 22: REIL. PAPI(P4L)—GA 3.0° TCH 45'. Thld dsplcd 325'. Rgt tfc.

RWY 15-33: H4003X100 (ASPH) S-40, D-60, 2D-100 MIRL

0.5% up SE

RWY 15: REIL. PAPI(P2L)—GA 3.5° TCH 45'. Trees.

RWY 33: REIL. PAPI(P2L)—GA 3.5° TCH 45'. Trees. Rgt tfc.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 04: TORA-5175 TODA-5500 ASDA-4775 LDA-4775

RWY 22: TORA-5500 TODA-5500 ASDA-5500 LDA-5175

SERVICE: S4 FUEL 100LL, JET A OX 4 LGT When twr clsd actvt REILS

Rwy 15, 22, & 33; HIRL Rwy 04-22; MIRL 15-33—CTAF.

NOISE: Noise abatement for Rwy 22: continue straight out or make a right turn to avoid overflight of the town of Easton. Departures should avoid overflight of the town of Easton below 2000'. Aircraft should avoid overflight of the Town of Easton and residential areas near the airport to the extent possible. Noise abatement for Runway 04: if traffic permits, make a slight left turn after departure to avoid overflying retirement community.

AIRPORT REMARKS: Attended 1300-dusk. Deer, birds and other wildlife on and invof arpt. TPA for jet acft 1598(1526), all other acft 1098(1026). Rwy 15-33 distance markers every 1000 ft west side rwy. NOTE: See Special Notices—Easton, Maryland Noise Abatement Procedure.

AIRPORT MANAGER: 410-770-8055

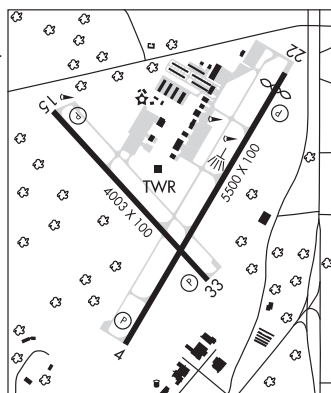
WEATHER DATA SOURCES: AWOS-3PT 124.475 (410) 822-2817.

COMMUNICATIONS: CTAF 118.525 **ATIS** 124.475

Ⓡ **POTOMAC APP/DEP CON** 124.55 133.75

TOWER 118.525 (1100-0300Z#) **GND CON** 119.075 **CLNC DEL** 119.075

CLEARANCE DELIVERY PHONE: For CD when ATCT is clsd ctc Potomac Apch at 866-429-5882.



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AIRSPACE: CLASS D svc 1100-0300Z±; other times CLASS E.

RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.

PATUXENT (L) (L) VORTACW 117.6 PXT Chan 123 N38°17.27' W76°24.01' 037° 34.7 NM to fld. 18/10W.

VOR unusable:

- 023 byd 10 NM blo 2,500'
- 024°-174° byd 11 NM blo 2,500'
- 175°-239° byd 10 NM blo 5,000'
- 240°-347°
- 348°-022° byd 11 NM blo 2,500'

TACAN AZIMUTH unusable:

- 150°-155° byd 25 NM blo 2,500'
- 155°-237° byd 11 NM blo 2,500'

DME unusable:

- 150°-155° byd 25 NM blo 2,500'
- 155°-237° byd 11 NM blo 2,500'

ILS/DME 109.35 I-FGH Chan 30(Y) Rwy 04. Class IA. Unmonitored when ATCT clsd. Glideslope unusable blw 600'. Autopilot cpd apch NA blw 1,230'.

ELKTON

CLAREMONT (58M) 3 SW UTC-5(-4DT) N39°34.45' W75°52.19'

106 B NOTAM FILE DCA

RWY 13-31: H2989X70 (ASPH-AFSC) MIRL 1.5% up NW

RWY 13: REIL. PAPI(P2R)—GA 5.0° TCH 6'. Thld dspcld 288'. Trees.

RWY 31: REIL. PAPI(P2L)—GA 4.0° TCH 6'. Thld dspcld 601'. Trees.

SERVICE: S2 FUEL 100LL LGT Actvt rotg bcn—123.0. Actvt REIL Rwy 13 & 31; PAPI Rwy 13 & Rwy 31; MIRL Rwy 13-31—123.0.

AIRPORT REMARKS: Attended 1400-2100Z±. Deer and birds on and invof arpt. Reduced braking action Rwy 13 downhill 1.5 deg. Calm/light wind use Rwy 31. Fuel: 100LL self serve. Rwy 13-31 no TGL. Rwy 13-31 unfilled cracks, alligator cracking, lateral and longl cracking, veg growth, oxidation. Rwy 13 and 31 markings faded.

AIRPORT MANAGER: (410) 398-0234

COMMUNICATIONS: CTAF/UNICOM 122.8

® PHILADELPHIA APP/DEP CON 118.35

CLEARANCE DELIVERY PHONE: For CD ctc Philadelphia Apch at (800) 354-9884.

RADIO AIDS TO NAVIGATION: NOTAM FILE MIV.

SMYRNA (L) (L) VORTACW 111.4 ENO Chan 51 N39°13.90' W75°30.96' 330° 26.3 NM to fld. 15/9W.

TACAN AZIMUTH unusable:

- 140°-150° byd 36 NM blo 2,000'
- 200°-300° byd 36 NM blo 3,000'

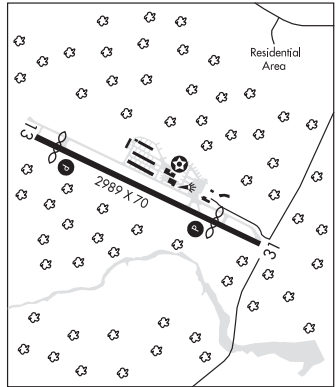
VOR unusable:

- 159°-169° blo 3,000 . 325-335 byd 15NM blo 4,900'

DME unusable:

- 140°-150° byd 36 NM blo 2,000'
- 200°-300° byd 36 NM blo 3,000'

WASHINGTON
L-34G, A
IAP



ELLCOTT N39°17.24' W76°46.62' NOTAM FILE BWI.

NDB (MHW) 371 FND 154° 8.4 NM to Baltimore/Washington Intl Thurgood Marshall. 381/11W.

NDB unusable:

- 140°-320° byd 12 NM blo 10,500'

WASHINGTON
COPTER
L-29E, 34F, 36I, A

ESSEX SKYPARK (See BALTIMORE on page 94)

FALLSTON (W42) 1 S UTC-5(-4DT) N39°30.08' W76°24.68'

460 NOTAM FILE DCA

RWY 04-22: H2200X50 (ASPH) S-12 LIRL(NSTD)

RWY 04: Thld dspcld 315'. Trees.

RWY 22: Thld dspcld 230'. Trees.

SERVICE: FUEL 100LL LGT For NSTD LIRL Rwy 04-22 ctc arpt manager 410-877-9889.

AIRPORT REMARKS: Unattended. Arpt CLOSED 9888-1400Z±. If attendant not present during dalyt hrs call 410-877-9889. For fuel, if no one present during dalgt hrs call 410-877-9889. Arpt unattended major holidays. Deer and wildlife on and invof arpt. Rwy 04-22 NSTD LIRL only one thld lgt each side. NSTD LIRL avbl to based acct with prior notice.

AIRPORT MANAGER: 410-877-9889

COMMUNICATIONS: CTAF 122.9

CLEARANCE DELIVERY PHONE: For CD ctc Potomac Apch at 866-429-5882.

WASHINGTON
COPTER

FORT MEADE (ODENTON)

TIPTON (FME)(KFME) 1 SW UTC-5(-4DT) N39°05.12' W76°45.56'

WASHINGTON

150 B TPA-1000(850) NOTAM FILE FME

COPTER

RWY 10-28: H3000X75 (ASPH) MIRL 1.2% up E

L-29E, 34F, 36I, A

RWY 10: REIL. PAPI(P2L)-GA 4.0° TCH 51'. Trees. Rgt tfc.

IAP

RWY 28: REIL. PAPI(P2L)-GA 4.0° TCH 57'. Trees.

SERVICE: S2 FUEL 100LL, JET A+ LGT Actvt REIL Rwy 10 and 28; PAPI Rwy 10 and 28; MIRL Rwy 10-28-CTAF. Rwy 10-28 REIL; MIRL on photocell during dalgt hrs. Rwy 10 PAPI unusbl byd 8 degs left and right of crs. Rwy 28 PAPI unusbl byd 5 degs left of crs (trees), and 8 degs right of crs.

AIRPORT REMARKS: Attended 1330-2300Z±. Deer on rwys and twys. PAEW adj all twys and Rwy 10-28 indefly. Be alert for nmrs BWI tbjt arr/dep in the area. Fly tfc pattern south of the field to avoid BWI Class B Asp. Remain clear of BWI Class B Asp until clnc is obtained.

AIRPORT MANAGER: 410-222-6815

WEATHER DATA SOURCES: AWOS-3 123.925.

COMMUNICATIONS: CTAF/UNICOM 123.05

POTOMAC APP/DEP CON 119.7

CLEARANCE DELIVERY PHONE: For CD ctc Potomac Apch at 866-429-5882.

RADIO AIDS TO NAVIGATION: NOTAM FILE BWI.

BALTIMORE (L) (L) VORTACW 115.1 BAL Chan 98 N39°10.26' W76°39.68' 233° 6.9 NM to fld. 150/11W.

TACAN AZIMUTH & DME unusable:

133°-155° byd 20 NM blo 10,000'

300°-349° byd 35 NM

TACAN DME unusable:

133°-155° byd 36 NM

VOR unusable:

133°-155° byd 20 NM blo 10,000'

197°-217° byd 17 NM

282°-292°

TACAN AZIMUTH unusable:

029°-042° byd 30 NM

180°-190° byd 17 NM

FREDERICK MUNI (FDK)(KFDK) 0 E UTC-5(-4DT) N39°25.02' W77°22.48'

WASHINGTON

309 B TPA-See Remarks NOTAM FILE FDK MON Airport

H-10H, 12I, L-29E, 34F, A

RWY 05-23: H5819X100 (ASPH-GRVD) S-60 PCN 30 F/C/X/T

IAP, AD

HIRL 0.5% up SW

RWY 05: REIL. PAPI(P4L)-GA 3.0° TCH 43'. Trees. Rgt tfc.

RWY 23: ODALS. REIL. PAPI(P4L)-GA 3.0° TCH 54'. Trees.

RWY 12-30: H3599X75 (ASPH) MIRL 0.3% up NW

RWY 12: REIL. PAPI(P2L)-GA 3.0° TCH 40'. Trees. Rgt tfc.

RWY 30: REIL. PAPI(P2L)-GA 4.0° TCH 37'. Trees.

SERVICE: S4 FUEL 100LL, JET A OX 3, 4 LGT ACTVT ODALS Rwy 23; REIL Rwy 12, 23 and 30; PAPI Rwy 23; HIRL Rwy 05-23; MIRL Rwy 12-30-CTAF.

AIRPORT REMARKS: Attended 1200-0200Z±. Arpt unattended Christmas Day. Fuel self serve 100LL avbl H24 with credit card. Rwy 23 -15 ft depression 400 ft long; 246 ft L of cntrln; parallel to apch end.

TPA-1100 (800) helicopters, 1300 (1000) single and lgt twins, 1800 (1500) large twins and jets.

AIRPORT MANAGER: 301-600-2201

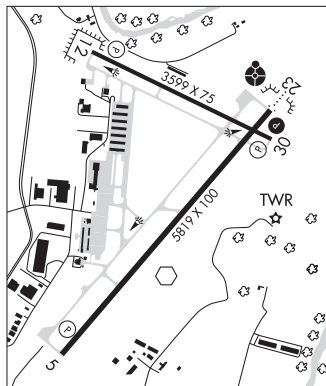
WEATHER DATA SOURCES: AWOS-3 (301) 600-1457

COMMUNICATIONS: CTAF 132.4 ATIS 124.875 UNICOM 122.95

POTOMAC APP/DEP CON 126.1

TOWER 132.4 (1200-0200Z±) GND CON 121.975 CLNC DEL 121.75 126.9 (When twr clsd)

CLEARANCE DELIVERY PHONE: For CD when twr clsd ctc Potomac Apch 126.9 or 866-709-4993.



CONTINUED ON NEXT PAGE

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AIRSPACE: CLASS D svc 1200-0200Z†; other times CLASS E.

RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.

WESTMINSTER (VH) (H) VORTAC 117.9 EMI Chan 126 N39°29.70' W76°58.71' 264° 19.0 NM to fld. 820/8W.

VOR unusable:

- 009°-056° byd 40 NM
- 128°-161° byd 20 NM blo 6,500'
- 221°-231° blo 4,500'
- 221°-231° byd 13 NM blo 16,000'
- 284°-294° byd 40 NM
- 295°-334° blo 5,500'

TACAN AZIMUTH unusable:

- 281°-055° byd 35 NM blo 3,000'

DME unusable:

- 281°-055° byd 35 NM blo 3,000'

(T) VORW 109.0 FDK N39°24.73' W77°22.51' at fld. 303/8W. NOTAM FILE FDK.

VOR unusable:

- 150°-160° byd 10 NM blo 3,000'
- 180°-190°

ILS 110.3 I-FDK Rwy 23. Class IT.

FREEWAY (See BOWIE on page 96)

FRIENDLY

POTOMAC AIRFIELD (VKX)(KVKK) 0 NE UTC-5(-4DT) N38°44.92' W76°57.36'

WASHINGTON

118 B NOTAM FILE DCA

COPTER

RWY 06-24: H2665X40 (ASPH) MIRL 0.3% up NE

L-29E, 34F, 36I, A

RWY 06: REIL. PAPI(P2L)—GA 5.0° TCH 19'. Thld dspcd 376'. Trees.

IAP

RWY 24: REIL. PAPI(P2L)—GA 5.5° TCH 20'. Thld dspcd 90'. Trees.

SERVICE: S4 FUEL 100LL LGT MIRL Rwy 06-24 opr SS-SR; To ACTVT otr times and ACTVT PAPI Rwy 06 and 24—CTAF. Rwy 06 PAPI cntrn use only. Rotating bcn located 1000' north of arpt.

NOISE: Noise abatement procedures: avoid takeoff 0300-1200Z†.

AIRPORT REMARKS: Attended 1200-0300Z†. Expect 24 hr surveillance: civil and mil, ground and air. Arpt within Flt Rstrd Zone (FRZ). FRZ pilots must file FRZ scy FP thru 703-771-3476. SFRA or IFR FP does not grant FRZ asp acs. For acs pilot must be pre-apvd thru TSA MD3 program. To apply for FRZ access, see arpt website. Unlimited vehicle access to actv movement areas.

AIRPORT MANAGER: 301-248-5720

COMMUNICATIONS: CTAF/AUNICOM 122.8

® POTOMAC APP/DEP CON 124.7 125.65 (DC-FRZ)

CLEARANCE DELIVERY PHONE: For CD ctc Potomac Apch at 866-599-3874.

RADIO AIDS TO NAVIGATION: NOTAM FILE ADW.

ANDREWS (L) (L) VORTACW 113.1 ADW Chan 78 N38°48.43' W76°51.98' 240° 5.5 NM to fld. 263/10W.

VOR unusable:

- 035°-045° blo 2,500'
- 089°-182°
- 183°-227° blo 4,000'
- 230°-236° byd 20 NM
- 237°-270°
- 333°-048°

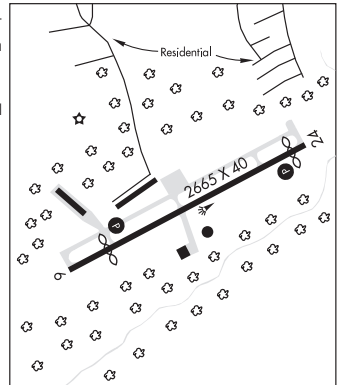
TACAN AZIMUTH unusable:

- 035°-045° blo 2,500'
- 220°-280°
- 295°-310°

DME unusable:

- 035°-045° blo 2,500'
- 220°-280°

COMM/NAV/WEATHER REMARKS: Automated UNICOM; 3 clicks adzy and wx, 4 clicks radio check. Visitors please tune 122.85 for parking instructions and gnd scvs.



GAITHERSBURG**MONTGOMERY CO AIRPARK** (GAI)(KGAI) 3 NE UTC-5(-4DT) N39°10.10' W77°09.96'**WASHINGTON**
L-29E, 34F, 36I, A
IAP

539 B TPA—See Remarks NOTAM FILE DCA

RWY 14-32: H4202X75 (ASPH) MIRL 1.1% up SE**RWY 14:** REIL. VASI(V4L)—GA 3.0° TCH 53'. Trees.**RWY 32:** REIL. PAPI(P4L)—GA 3.25° TCH 45'. Pole. Rgt tfc.**SERVICE:** S6 **FUEL** 100LL, JET A **OX 4** LGT Actvt REIL Rwy 14 & 32;
MIRL Rwy 14-32—CTAF. Rwy 32 PAPI baffled byd 5 deg L of crs due to bldg.**NOISE:** Noise abatement dep Rwy 32; turn right to at least 340 degs; jets refrain from Rwy 32 takeoff btwn 0400-1200Z†.**AIRPORT REMARKS:** Attended Mar-May 1300-0000Z†, June-Sep 1300-0100Z†, Oct-Feb 1300-2300Z†. Unattended Christmas Day. Deer and birds on and invof arpt. For after hrs svc call 301-963-8043. Fuel truck avbl 1300-0100Z†, req on 122.85. Self-serve 100LL avbl with credit card. Be alert SFRA procedures in effect. Preferred calm wind Rwy 14. Arpt not recommended for acft with wingspan in excess of 79 ft & gross wt in excess of 48,000 lbs. Rwy 14 has 30 ft downslope 75 ft L/R of cntrln at thr to 150 ft both sides. South ramp not recommended for aircraft with wingspan greater than 79 ft or weight greater than 40,000 lbs. Helicopters refrain from air taxi over paved parking ramps. TPA—1539(1000), turbine and jet 2039(1500), helicopters 1339(800).**AIRPORT MANAGER:** 301-978-7009**WEATHER DATA SOURCES:** AWOS-3PT 128.275 (301) 977-2971.**COMMUNICATIONS:** CTAF/UNICOM 123.075Ⓡ **POTOMAC APP/DEP CON** 128.7

CLNC DEL 121.6

CLEARANCE DELIVERY PHONE: For CD ctc Potomac Apch at 866-429-5882.**RADIO AIDS TO NAVIGATION:** NOTAM FILE IAD.**ARMEL (L) (L) VORW/DME** 113.5 AML Chan 82 N38°56.08' W77°28.00' 053° 19.8 NM to fld. 296/8W.

VOR unusable:

055°-092° blo 4,500'

093°-115°

116°-210° blo 4,500'

DME unusable:

055°-210° byd 28 NM blo 2,500'

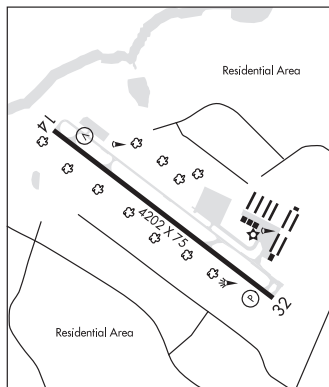
211°-230° byd 30 NM blo 3,000'

FREDERICK (T) VORW 109.0 FDK N39°24.73' W77°22.51' 154° 17.6 NM to fld. 303/8W. NOTAM FILE FDK.

VOR unusable:

150°-160° byd 10 NM blo 3,000'

180°-190°

**GARRETT CO** (See OAKLAND on page 111)**GOODEN AIRPARK** (See RIDGELY on page 115)**GRANTSVILLE** N39°38.10' W79°03.03' NOTAM FILE EKN.**CINCINNATI**
L-29D**(L) DME** 112.3 GRV Chan 70 095° 13.5 NM to Greater Cumberland Rgnl. 2640.

DME unusable:

071°-306° byd 20 NM blo 6,000'

108°-113° byd 38 NM

307°-070° byd 20 NM blo 5,000'

325°-345° byd 35 NM

GREAT CUMBERLAND RGNL (See CUMBERLAND on page 99)

HAGERSTOWN RGNL/RICHARD A HENSON FLD (HGR)(KHGR) P (AR) 4 N UTC-5(-4DT)
 N39°42.51' W77°43.59'

WASHINGTON
 H-10H, 12I, L-29D, A
 IAP, AD

703 B ARFF Index—See Remarks NOTAM FILE HGR
RWY 09-27: H7000X150 (ASPH-GRVD) S-100, D-150, 2S-175,
 2D-250 PCN 62 F/B/X/T HIRL 0.3% up E
RWY 09: REIL. PAPI(P4L)—GA 3.0° TCH 55'.
RWY 27: MALSR. PAPI(P4L)—GA 3.0° TCH 55'.
RWY 02-20: H3165X100 (ASPH) S-80, D-100, 2S-127, 2D-170
 PCN 26 F/B/X/T MIRL 0.3% up N
RWY 02: REIL. PAPI(P2L)—GA 4.0° TCH 53'.
RWY 20: REIL. PAPI(P2L)—GA 4.0° TCH 33'.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 02: TORA-3165 TODA-3165 ASDA-3165 LDA-3165
RWY 09: TORA-7000 TODA-7000 ASDA-7000 LDA-7000
RWY 20: TORA-3165 TODA-3165 ASDA-3165 LDA-3165
RWY 27: TORA-7000 TODA-7000 ASDA-7000 LDA-7000

SERVICE: S4 FUEL 100LL, JET A OX 1, 2, 3, 4 LGT When ATCT clsd
 ACTVT MALSR Rwy 27; REIL Rwy 09; HIRL Rwy
 09-27—CTAF. **MILITARY—FUEL A, A+** (Avbl 1000-0300Z±,
 C301-791-9119, OT 3 hr PN C301-730-4700/301-730-4100,
 fee \$100/hr.) (NC-100LL) OIL 0-128

AIRPORT REMARKS: Attended 1000-0300Z±. Airport unatnd
 0300-1000Z±. Birds on and invof arpt. Ultralight act 12 NM east to 5000' MSL. Low level mil acct 10 NM north on
 VR708 operating east to west. Fuel avbl 1000-0300Z±, call 301-791-9119. DOD contract fuel avbl. Rwy 02-20
 CLOSED when ATCT clsd. Class I, ARFF Index B. ARFF Index C avbl upon req; ctc amgr. PPR 24 hrs for unsked acr ops
 with more than 30 psgr seats call amgr 240-313-2764. Rwy 02-20 clsd to sked acr ops with more than 9 pax seats
 and non sked acr ops with more than 30 pax seats excp for taxi. Twy P not avbl for air carrier ops. Ldg fee.

AIRPORT MANAGER: 240-313-2764

WEATHER DATA SOURCES: ASOS 126.375 (301) 745-3497.

COMMUNICATIONS: CTAF 120.3 UNICOM 122.95

® POTOMAC APP/DEP CON 126.825

TOWER 120.3 (1200-0300Z±) GND CON 120.8

CLEARANCE DELIVERY PHONE: For CD when ATCT is clsd ctc Potomac Apch at 866-709-4993.

AIRSPACE: CLASS D svc 1200-0300Z±; other times CLASS E.

RADIO AIDS TO NAVIGATION: NOTAM FILE HGR.

(L) VORW 109.8 HGR N39°41.86' W77°51.34' 091° 6.0 NM to fld. 563/7W.

VOR unusable:

251°-280° byd 16 NM blo 4,000'

281°-300° byd 24 NM blo 8,000'

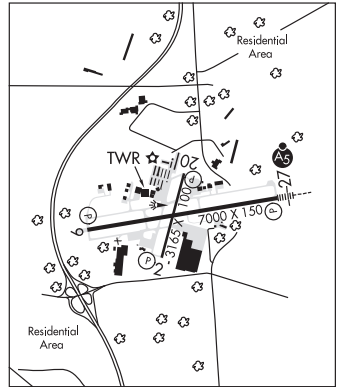
351°-050°

ST THOMAS (L) TACAN Chan 97 THS (115.0) N39°55.99' W77°57.06' 149° 17.0 NM to fld.

2338/7W. NOTAM FILE AOO.

ILS/DME 111.9 I-UYK Chan 56 Rwy 09. ILS unavbl when ATCT clsd.

ILS/DME 111.9 I-HGR Chan 56 Rwy 27. Class IE. OM/LOM OTS indef.



HARFORD CO (See CHURCHVILLE on page 97)

HAVRE DE GRACE SPB (M06) 1 E UTC-5(-4DT) N39°32.49' W76°04.18'

WASHINGTON

00 NOTAM FILE DCA

WATERWAY E-W: 8000X200 (WATER)

WATERWAY E: Bridge.

WATERWAY N-S: 8000X200 (WATER)

WATERWAY S: Bridge.

SEAPLANE REMARKS: Attended May-Nov dawn-dusk. Birds on and invof arpt. +100 ft bridge aprxly 3500 ft north of N/S rwy.

AIRPORT MANAGER: (410) 258-9648

COMMUNICATIONS: CTAF/UNICOM 123.0

CLEARANCE DELIVERY PHONE: For CD ctc Washington ARTCC at 703-771-3587.

INDIAN HEAD

MARYLAND (2W5) 4 E UTC-5(-4DT) N38°35.82' W77°04.35'

175 B TPA-1005(830) NOTAM FILE DCA

RWY 02-20: H3740X75 (ASPH) MIRL 0.4% up N

RWY 02: REIL. PAPI(P4L)-GA 3.0° TCH 40'. Trees.

RWY 20: Trees.

SERVICE: S2 FUEL 100LL, JET A LGT Actvt REIL Rwy 02; PAPI Rwy 02; MIRL Rwy 02-20-CTAF. Arpt deactivates PAPI Rwy 02 when winds favor Rwy 20.

AIRPORT REMARKS: Attended Mon-Sun 1400-2300Z. Unatndd Thanksgiving, Christmas and New Year's Days. Birds and wildlife on and invof arpt.

AIRPORT MANAGER: 301-283-6202

COMMUNICATIONS: CTAF/UNICOM 122.7

® POTOMAC APP/DEP CON 124.7 118.95 (DC-SFRA)

CLEARANCE DELIVERY PHONE: For CD ctc Potomac Apch at 866-599-3874.

RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.

NOTTINGHAM (L) TACAN Chan 84 OTT (113.7) N38°42.35'

W76°44.68' 257° 16.7 NM to fld. 210/10W.

TACAN AZIMUTH unusable:

006°-194° blo 12,500'

DME unusable:

031°-050° byd 20 NM blo 4,000'

051°-065° byd 20 NM blo 5,000'

066°-076° byd 20 NM blo 3,000'

066°-076° byd 32 NM blo 5,000'

077°-086° byd 20 NM blo 5,000'

087°-122° byd 20 NM blo 7,000'

087°-143° byd 36 NM

123°-143° byd 20 NM blo 6,000'

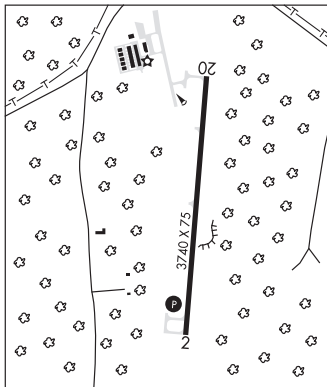
123°-143° byd 32 NM blo 7,000'

144°-180° byd 20 NM blo 5,000'

181°-259° byd 20 NM blo 2,500'

260°-030° byd 20 NM blo 3,000'

WASHINGTON
COPTER
L-29E, 34E, 36I, A
IAP



JOINT BASE ANDREWS (ADW)(KADW) AF (A ANG AFRC DOE MC NAF) 3 E UTC-5(-4DT)

WASHINGTON

N38°48.65' W76°52.02'

COPTER

280 B NOTAM FILE ADW Not insp.

H-10H, 12I, L-29E, 34F, 36I, A

RWY 01R-19L: H9756X150 (ASPH-CONC-GRVD) PCN 54 R/B/W/T HIRL

DIAP, AD

RWY 01R: ALSF1. PAPI(P4L)—GA 3.0° TCH 63'. RVR-T

RWY 19L: ALSF1. PAPI(P4L)—GA 3.0° TCH 57'. RVR-T

RWY 01L-19R: H9318X200 (CONC-GRVD) PCN 72 R/B/W/T HIRL CL

RWY 01L: ALSF2. TDZL. PAPI(P4R)—GA 3.0° TCH 72'. RVR-TMR

RWY 19R: ALSF2. TDZL. PAPI(P4L)—GA 3.0° TCH 71'. RVR-TMR

ARRESTING GEAR/SYSTEM

RWY 01R BAK-14 BAK-12B(B) (1500 FT).

BAK-14 BAK-12B(B) (1537 FT). **RWY 19L**

RWY 01L BAK-14 BAK-12B(B) (2240 FT).

BAK-14 BAK-12B(B) (2240 FT). **RWY 19R**

SERVICE: S4 OX2 **MILITARY—LGT** Rwy 01L-19R PAPI and ILS RPI not coincidental. Rwy 01L apch end PAPI lctd on rgt side of rwy. Rwy 01L-19R PAPI set for HGT Group 4. Rwy 01R-19L PAPI and ILS RPI not coincidental. Rwy 01R-19L PAPI set for HGT Group 3. **A-GEAR** Rwy 01R-19L North and South MB60 A-G unsvc. **JASU** (A/M32A-86) 9(AM32-95)

FUEL A++. Exp 30 min delay. Aircrew of tran acct rqr pwr on refuel must assist in refuel. **FLUID** SP PRESAIR De-Ice LPOX HPOX LOX OIL SOAP

NOISE: Noise Abatement: No practice apch btn 0300-1100Z†, all acr acct exp full stop ldg. Quiet hr nmly 0300-1100Z†.

Scramble/Alert msn exempt. 0000-1100Z†, daily, no helicopter overflight or tfc pat west of Rwy 01L-19R (over base housing) blw 800' AGL. Strict compliance with procedure rqr. 89 OSS AM OPS DSN 858-3411, C301-981-3411.

Noise abatement Navy Ramp: Turboprop taxi low idle and secure outboard engines prior to ramp entry, exempt dur ice cond.

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MILITARY REMARKS: RSTD Official Business Only. PPRs for all aircraft. DVS, SAM, EVAC are exempt from restrictions however require PPR for tracking and ramp avbl. DSN 858-3411. All tran acct must obtain PPR NR for tracking and ramp availability via e-mail: 89OSS.OSA@US.AF.MIL or DSN 858-3411/9442 or C301-981-3411/9442 no earlier than 72 hr and not less than 48 hr prior to arr. Eff Rwy 01L-19R (btn dsplcd thr) avbl for tkf and ldg is 9318'. Do not land prior to mkd rwy thr; dsplcd thr may not be used for tkf or ldg roll out. Offl TERPS end of rwy for obst protection is mrkd thld. Do not use opposite end dsplcd thld for tkf computations or tkf roll. Rwy 01L-19R len of 11318' is for Presidential Airlift Group (PAG), 459 ARW acct, 1 ACCS and other 89 OG/CC apv acct ops. OG/CC apvl rqr for use of the dsplcd thlds for tkof or ldgs. Rwy 01L-19R Len of 11318' is for Presidential Airlift Group (PAG), 459 ARW acct and 1 ACCS acct and other 89 OG/CC apvd acct ops. Apvl for use of the dsplcd thlds for tkof or ldgs rqr 89 OG/CC apvl. Ctc 89 OSS AM Ops for waiver DSN 858-3411. Rwy 01L-19R avl tkof dist incl hardened ovrn is 10918' X 200'. Opr use of Rwy 01L-19R dsplcd thr areas for tkof and/or ldg rollout specifically auth for Presidential Airlift Group (PAG), 459 ARW acct, 1 ACCS and other 89 OG/CC apvd acct. Northernmost 400' of ovrn displaced threshold areas can accommodate only idle thrust jet blast. Only southernmost 600' of Rwy 19R displaced threshold areas (North end of Rwy 01L-19R) is usable for tkof (i.e. point at which tkf power can be applied) due to proximity of LOC ant array install 1200' fm Rwy 19R ldg thld. PPR must be req 72 hr prior to arr, DSN 858-3411. Rwy 01R-19L due to weak feature at apch end Rwy 01R. Rwy 01L-19R South end underrun/overrun unusbl due to pavement degradation. No arr/dep of tran fighter acct with live forward firing munitions. All inbd acct ctc Andrews Comd Post (316 WG comd Post) 1 hr out with DV codes, load msg, blocktime, ETD and rqr. AMC acct opr rstd dur bird watch condition moderate (tkof or ldg perms only when dep/arr rte avoid ident bird acct, no lcl IFR/VFR tfc pat acct) and severe (tkof or ldg proh wo OG/CC), ctc baseops for current bird watch cond. Current bird watch cond. E-4 acct rqr afld mgr apvl to use. Twy E btn Twys E1 and E4 are only 50' wide. All twys are 75' wide exc Twy E1 and Twy E2. Twy E, N, of E3 clsd to acct with wg span greater than 165' (C5, B747, C17 KC10, etc). For RON svc call 316 WG Comd Post DSN 858-5058 or C301-981-5058. ASDE in use. Opr transponders with alt reporting mode and ADS-B (if equipped) enable in ctl movement area. Rwy 01R-19L B-747/AN-124 opr proh, exc 89AW acct, due foreign object damage potential; waiver authority is 316 OG/CC. PPR exc AMC, SAM, DOD courier svc, and evac MSN DSN 858-3411. All acct filing to ADW must call for ramp freeze info, ramp freezes close afld up to 30 min, delays are possible. **CAUTION** Extremely heavy VFR conflicting tfc North and South quadrants. Visibility byd 3 miles rstd by trees. Wind flow from 200°-300° disrupted by hangar on SE side of afld. Deer haz, pilots report any activity to twr/PTD. Obstruction (acct tails) encroach upon 7:1 transition sfc, westside, between park rows 1-12, tail heights may encroach by 16' 7". East ramp, tail heights may encroach by 51' 6". Flight restricted zone and SFRA in the Washington DC metropolitan area. All non-DOD acct must ctc. Transportation Security Administration for SFRA Waiver IAW ZDC NOTAMS 5-7 days prior. **TFC PAT** Because of extremely hvy air tfc to the W, all acct on overhead pat will enter fm the east, regardless of ldg rwy. Overhead pat 2000', rectangular pat 1500', lgt acct 1000' copter 800'. Acct req VFR multi patterns must use twr VHF freq. **MISC** All tran acct will hold on Twy W for flw me veh prior to entering prk ramp. First 4300' and last 325' of Rwy 01R concrete. Ftr/trng acct bring eng covers. Acct with VIP exp transfer to AF copter must ctc Mussel OPS (141.7 292.2) 15 min out if arr will be different than sked. For fit planning, use DCA preferred IFR routes lctd at <http://www.fly.faa.gov/rmt/n.fdc-preferred-routes-database.jsp>. Rwy 01L-19R grooved. Rwy 01R-19L grooved. West ramp rows 2, 3, and 4 closed when DV movement aircraft present on row 5. Rwy 01L-19R mandatory rwy hold signs at end intersections of Twys N, S and W contain incorrect legend. Rwy 01L-19R and Rwy 01R-19L hold signs at instrument critical areas on Twys W, N, S, and E contain incorrect legend. During winter weather events aircrew may receive airfield status information at [HTTP://RT3GRIP.COM/ANDREWS/LOGIN.PHP](http://RT3GRIP.COM/ANDREWS/LOGIN.PHP) after retrieving the login information from AM ops at DSN 858-9442 or C301-981-9442. **CSTMS/AG/IMG** Customs Border Protection hrs 1100-2300Z±, after 2300Z± ctc Comd Post. OT agents drive to Andrews AFB. No notice acct that rqr Customs can exp min 2 hr delay. CBP rqr the following forms for arrival acct. CBP form 7507 (11/12) general declaration, CBP form 6059B (04/14) customs declaration lctd <https://www.cbp.gov/newsroom/publications/forms>. **MISC NAVY** East/Navy side tran svc not avbl 24/7. Exc for DV flights Navy hq bldg open 1230-2130Z± Mon-Fri. For after hr arrivals ctc NAFW at C240-857-9259/C240-381-2739/C202-340-5954. **ANG** PPR for svg and use of prk ramps. No AVGS or reciprocating eng oil avbl, ltd maint. Ctc 201 OPS DSN 857-7161/62, UHF 314.25, lctd w side ADW. 113 WG, DCANG DSN 857-4190/91, UHF 234.8 lctd east side ADW. No tran maint avbl.

AIRPORT MANAGER: 301-981-9442

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WEATHER DATA SOURCES: TDWR.

COMMUNICATIONS: D-ATIS 133.675 251.05 D

① POTOMAC APP CON 128.0 335.5

TOWER 118.4 349.0 GND CON 121.8 275.8 CLNC DEL 127.55 285.475

① POTOMAC DEP CON 118.95 257.2 (West) 125.65 348.725 (East)

CPDLC (LOGON KUSA)

PDC

ANDREWS COMD POST 141.55 378.1 (VHS O/S UFN) PMSV METRO 344.6 H24 wx svc avbl at DSN 858-2840, C301-981-2840/5826. AN/FMQ-19 automated observing sys in use; augmented by human obsn when nec. If wx flt unavbl, remote svc able from 15th Opr Wx Squadron DSN 576-9755 C618-256-9755. AFRC OPS 143.8 351.2 A/G See Global HF Systems list in FIH.

AIRSPACE: CLASS B See VFR Terminal Area Chart.

RADIO AIDS TO NAVIGATION: NOTAM FILE ADW.

ANDREWS (L) (L) VORTACW 113.1 ADW Chan 78 N38°48.43' W76°51.98' at fld. 263/10W.

VOR unusable:

035°-045° blo 2,500'

089°-182°

183°-227° blo 4,000'

230°-236° byd 20 NM

237°-270°

333°-048°

TACAN AZIMUTH unusable:

035°-045° blo 2,500'

220°-280°

295°-310°

DME unusable:

035°-045° blo 2,500'

220°-280°

ILS 111.5 I-RWS Rwy 01L. Class IIIE.

ILS 110.5 I-VJM Rwy 01R. Class IE.

ILS 110.5 I-GQZ Rwy 19L. Class IE.

ILS 111.5 I-MXK Rwy 19R. Class IIIE. LOC unusable 25° right of course.

KENTMORR AIRPARK (See STEVENSVILLE on page 117)

LAYTONSVILLE

DAVIS (W50) 3 N UTC-5(-4DT) N39°14.61' W77°08.99'

WASHINGTON

609 TPA-1409(800) NOTAM FILE DCA

RWY 08-26: H2000X50 (ASPH) 0.7% up E

RWY 08: Trees.

RWY 26: Trees.

SERVICE: S2 FUEL 100LL

AIRPORT REMARKS: Attended Mon-Fri dawn-dusk. Arpt closed dusk-dawn. Birds and wildlife on and invof arpt. Touch and go ops NA. Rwy 26, pond 80 ft R of thr.

AIRPORT MANAGER: 301-253-2897

COMMUNICATIONS: CTAF/UNICOM 122.8

CLEARANCE DELIVERY PHONE: For CD ctc Potomac Apch at 866-429-5882.

COMM/NAV/WEATHER REMARKS: UNICOM unmon.

LEE (See ANNAPOLIS on page 92)

LEONARDTOWN**ST MARY'S CO RGNL** (2W6) 4 NE UTC-5(-4DT) N38°18.92' W76°33.01'

142 B NOTAM FILE DCA

RWY 11-29: H4150X75 (ASPH) S-12.5 MIRL 0.4% up W**RWY 11:** REIL. PAPI(P2L)—GA 3.0° TCH 37'. Hill.**RWY 29:** REIL. PAPI(P2L)—GA 3.0° TCH 32'. Trees.**SERVICE:** S4 FUEL 100LL, JET A LGT ACTIVATE MIRL Rwy 11-29, REIL Rwys 11 and 29—CTAF.**AIRPORT REMARKS:** Attended 1300-2200Z±. Deer on & invof Rwy 11-29 SS-SR. Glider, UAS, and ultralight activity on and invof arpt. Mil acct on instr apch to Pax River NAS may overfly arpt at 1600' MSL & not mon CTAF. When Pax Rwy 14 in use, 2W6 acct cross apch path at or blw 1000' or above 3000'. Mil helo ops invof arpt. Self serve 100LL avbl with credit card. Rwy 29 15 ft depression (downslope) 300 ft m thr 150 ft R-125 ft L. Rwy 11-29 unfilled cracks, vegetative growth, oxidation, ravelling. Rwy 29 markings faded. When R-4007 in effect, acct operating VFR at arpt must remain within 1.5 NM of arpt, at or blw 1500 MSL, and above 700' AGL. All VFR flt ops conducted within R-4007 shall be at or blw 1000' MSL. IFR and VFR apchs within R-4077 will be coordinated with Patuxent Apch on 121.0 or by phone 301-342-3740.**AIRPORT MANAGER:** (301) 475-4200**WEATHER DATA SOURCES:** AWOS-3 119.575 (301) 373-6514.**COMMUNICATIONS:** CTAF/UNICOM 123.0Ⓡ **PATUXENT APP/DEP CON** 121.0 (1200-0400Z± Mon-Sun. Other times by NOTAM) other time ctcⓇ **POTOMAC APP/DEP CON** 135.625**CLEARANCE DELIVERY PHONE:** For CD ctc Patuxent Apch at 301-342-3740, when Patuxent Apch is clsd ctc Potomac Apch at 866-640-4124.**RADIO AIDS TO NAVIGATION:** NOTAM FILE DCA.**PATUXENT (L) (L) VORTACW** 117.6 PXT Chan 123 N38°17.27' W76°24.01' 293° 7.3 NM to fld. 18/10W.

VOR unusable:

023 byd 10 NM blo 2,500'

024°-174° byd 11 NM blo 2,500'

175°-239° byd 10 NM blo 5,000'

240°-347°

348°-022° byd 11 NM blo 2,500'

TACAN AZIMUTH unusable:

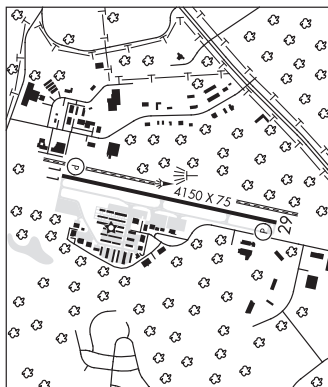
150°-155° byd 25 NM blo 2,500'

155°-237° byd 11 NM blo 2,500'

DME unusable:

150°-155° byd 25 NM blo 2,500'

155°-237° byd 11 NM blo 2,500'

WASHINGTON
L-29E, 34E, 36I, A
IAP**MARTIN STATE** (See BALTIMORE on page 95)**MARYLAND** (See INDIAN HEAD on page 106)**MASSEY AERODROME** (MD1) 2 E UTC-5(-4DT) N39°17.96' W75°47.96'

73 NOTAM FILE DCA

RWY 02-20: 3000X100 (TURF)**RWY 20:** Thld dsplcd 120'. P-line.**AIRPORT REMARKS:** Attended 1500-2200Z±. Gliders, hang-glifters, powered prchts, ultralight act, on and invof arpt. Rwy thr and sides marked with white cones. Rwy 20 dsplcd thr marked with 3 white cones on both sides.**AIRPORT MANAGER:** 410-928-5270**COMMUNICATIONS:** CTAF 122.9**CLEARANCE DELIVERY PHONE:** For CD ctc Philadelphia Apch at 800-354-9884.

WASHINGTON

MEXICO FARMS (See CUMBERLAND on page 100)**MONTGOMERY CO AIRPARK** (See GAITHERSBURG on page 104)

NOTTINGHAM N38°42.35' W76°44.68' NOTAM FILE DCA.

WASHINGTON

(L) **TACAN** 113.7 OTT Chan 84 328° 8.5 NM to Joint Base Andrews. 210/10W.

COPTER

TACAN AZIMUTH unusable:

H-10H, 12I, L-29E, 34F, 36I, A

006°-194° blo 12,500'

DME unusable:

031°-050° byd 20 NM blo 4,000'

051°-065° byd 20 NM blo 5,000'

066°-076° byd 20 NM blo 3,000'

066°-076° byd 32 NM blo 5,000'

077°-086° byd 20 NM blo 5,000'

087°-122° byd 20 NM blo 7,000'

087°-143° byd 36 NM

123°-143° byd 20 NM blo 6,000'

123°-143° byd 32 NM blo 7,000'

144°-180° byd 20 NM blo 5,000'

181°-259° byd 20 NM blo 2,500'

260°-030° byd 20 NM blo 3,000'

OAKLAND

GARRETT CO (2G4) 13 NE UTC-5(-4DT) N39°34.85' W79°20.16'

CINCINNATI

2933 B TPA-3733(800) NOTAM FILE EKN

H-10H, 12I, L-29C

RWY 09-27: H5000X75 (ASPH-GRVD) MIRL 1.1% up W

IAP

RWY 09: REIL. PAPI(P4L)-GA 3.0° TCH 44'.

RWY 27: REIL. PAPI(P4R)-GA 3.0° TCH 45'.

SERVICE: S1 **FUEL** 100LL, JET A+ **LGT** Actvt REIL Rwy 09-27; PAPI Rwy 09 and 27; MIRL Rwy 09-27-CTAF.

AIRPORT REMARKS: Attended 1300-2300Z†. Unattended Christmas and New Years Day. Wildlife on and invof arpt. 24 hr self serve 100LL and JET A, avbl w/anti-icing agent credit card.

AIRPORT MANAGER: 301-746-8599

WEATHER DATA SOURCES: AWOS-3 120.125 (301) 746-8443.

COMMUNICATIONS: CTAF/UNICOM 123.0

® **CLARKSBURG APP/DEP CON** 119.425 (1200-0400Z†)

® **CLEVELAND CENTER APP/DEP CON** 124.4 (0400-1200Z†)

CLEARANCE DELIVERY PHONE: For CD ctc Clarksburg Apch at 304-842-2011, when Apch clsd ctc Cleveland ARTCC at 440-774-0226.

RADIO AIDS TO NAVIGATION: NOTAM FILE EKN.

GRANTSVILLE (L) DME 112.3 GRV Chan 70 N39°38.10'

W79°03.03' 256° 13.6 NM to fld. 2640.

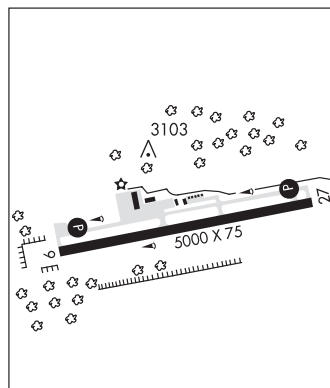
DME unusable:

071°-306° byd 20 NM blo 6,000'

108°-113° byd 38 NM

307°-070° byd 20 NM blo 5,000'

325°-345° byd 35 NM



OCEAN CITY MUNI (OXB)(K0XB) 2 SW UTC-5(-4DT) N38°18.63' W75°07.44'

WASHINGTON

16 B NOTAM FILE OXB

L-361, A

RWY 14-32: H4074X75 (ASPH) S-20 MIRL

RWY 14: REIL. PAPI(P2L)—GA 4.0° TCH 48' . Trees.

RWY 32: REIL. PAPI(P4L)—GA 3.0° TCH 35' .

RWY 02-20: H3204X75 (ASPH) MIRL

RWY 02: REIL. PAPI(P2L)—GA 3.0° TCH 40' .

RWY 20: REIL. PAPI(P2L)—GA 4.0° TCH 42' .

SERVICE: S4 FUEL 100LL, JET A LGT ACTVT REIL Rwy 14 and Rwy 32—CTAF. REIL Rwy 02 and Rwy 20; PAPI Rwy 02, Rwy 14, Rwy 20 and Rwy 32; MIRL Rwy 14-32 and Rwy 02-20 opr constly. Rwy 02 PAPI unusbl 6 deg left of cntrln.

AIRPORT REMARKS: Attended 1300-2200Z†. Parachute Jumping. Deer and birds on and invof arpt. 24 hr self serve 100LL avbl with credit card. Trucks and vehicles crossing twy, north of hold block Rwy 02.

AIRPORT MANAGER: (443) 235-4434

WEATHER DATA SOURCES: ASOS 119.025 (410) 213-1530.

COMMUNICATIONS: CTAF/UNICOM 123.05

Ⓡ **PATUXENT APP/DEP CON** 127.95 (1200-0400Z† Mon-Sun. Other times by NOTAM) other times ctc

Ⓡ **POTOMAC APP/DEP CON** 127.2

CLNC DEL 127.25 (When NHK apch clsd)

CLEARANCE DELIVERY PHONE: For CD ctc Patuxent Apch at 301-342-3740, when Patuxent Apch is clsd ctc Potomac Apch at 866-640-4124.

RADIO AIDS TO NAVIGATION: NOTAM FILE SBY.

SALISBURY (L) (L) VORTACW 111.2 SBY Chan 49 N38°20.70' W75°30.63' 108° 18.4 NM to fld. 48/12W.

VOR unusable:

007°-026° byd 20 NM blo 7,000'

027°-089° byd 13 NM blo 5,000'

090°-110° byd 20 NM blo 5,000'

111°-113° byd 19 NM blo 5,000'

114°-120° byd 16 NM blo 5,000'

261°-285° blo 6,000'

294°-007° blo 5,000'

TACAN AZIMUTH unusable:

009°-055° byd 20 NM

261°-285° blo 6,000'

294°-007° blo 5,000'

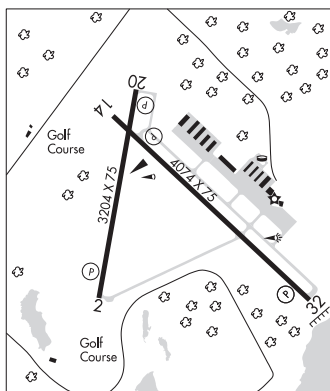
DME unusable:

009°-055° byd 20 NM

261°-285° blo 6,000'

294°-007° blo 5,000'

LOC/DME 109.15 I-OXB Chan 28(Y) Rwy 32. Unmonitored when FBO clsd.



PATUXENT N38°17.37' W76°25.45'

RCO 122.5 (LEESBURG RADIO)

PATUXENT RIVER NAS (TRAPNELL FLD) (NHK)(KNHK) N 0 N UTC-5(-4DT) N38°17.18'

WASHINGTON

W76°24.60'

H-101, 121, L-34E, 361, A

39 B TPA—See Remarks LRA NOTAM FILE DCA Not insp.

DIAP, AD

RWY 06-24: H11799X200 (ASPH) PCN 70 R/B/W/T HIRL CL

RWY 06: ALSF1. OLS. TDZL.

RWY 24: OLS.

RWY 14-32: H9732X200 (ASPH) PCN 67 R/B/W/T HIRL

RWY 14: OLS.

RWY 32: OLS.

RWY 02-20: H5021X75 (ASPH) PCN 79 R/B/W/T

ARRESTING GEAR/SYSTEM

RWY 06 HOOK E28(B) (2180 FT).

HOOK E28(B) (1499 FT). **RWY 24**

RWY 14 HOOK E28(B) (1280 FT).

HOOK E28(B) (3050 FT). **RWY 32**

SERVICE: MILITARY—JASU (NCP-105) (NC-8A) (NC-10C) FUEL J5, 100LL, A FLUID SP LHOX LOX OIL

O-128-133-148-156(Mil) **TRAN ALERT** Avbl 1200-2300Z† Mon-Fri exc hol. No base transportation avbl.

NOISE: Noise abatement: Military acft maintain at least 1500' between 3 NM and 10 NM from 210° clockwise to 240°. No practice apch Mon-Fri 0300-1200Z†. Sat before 1500Z†, Sun before 1700Z†. Tran acft practice apch not to interfere basis.

CONTINUED ON NEXT PAGE

CONTINUED FROM PRECEDING PAGE

MILITARY REMARKS: Opr Class D svc Mon–Fri 1200–0400Z†, Sat–Sun 1300–2300Z†, clsd holidays. OT by NOTAM. See FLIP AP/1 Supplementary Arpt Remarks. **RSTD** PPR, no NOTAM trml fac avbl. PPR requests should be emailed to paxpprs@us.navy.mil. To confirm receipt of PPRs call DSN 342–8923, C301–342–8923. Acft must make prior arng and rcv PPR fr host squadron, or NAS Air Operations. Ltd ramp space, and ltd tran svc avbl expect delays. Twy all exp dly due to acft wt limitations. **CAUTION** Deer and bird haz. Stopping in rstd area on Twy A, W twy is proh. Portions of rwy, twy and acft ramps not vis fr twr. First 1630 ft. Rwy 32 may be clsd dalgt hrs Mon–Sat dur VFR. Buildings and equipment are located near the approach end of Rwy 32. **TFC PAT TPA**—VFR initial at 4 DME (Rwy 32 at 3 DME) 2000(1961), break 1500(1461), downwind 1000(961). Reduced rwy separation std in eff for lcl based USN/USMC acft. **CSTMS/AG/IMG** Ltd to acft on official business at Patuxent River with 72 hr prior notice. Ctc AODO at DSN 342–3836, C301–342–3836. **MISC** NS Norfolk, Chamber fld coord all flt planning svc. Flt plans should be emailed to W_CNI_NRFK_NSNOFOLK_N32_ATC_USERS@NAVY.MIL or fax to DSN 565–9680, C757–445–9680. To confirm receipt of flt plans call NS Norfolk, Chambers fld Flt Planning Supervisor at DSN 262–3419/3429, C757–322–3419/3429. Wx forecast svc avbl 0900–0100Z† Mon–Fri. For forecast svc all other hrs ctc FWC–N at DSN 565–4555 or C888–745–6899. Wx observation and PMSV monitoring avbl 1100–0400Z† Mon–Fri and 1200–2300Z† Sat–Sun. **CALPS** For info regard Civil Air Landing Permits ctc FPL at 301–342–3836 or email NASPATUXENTRIVERCALPS@US.NAVY.MIL.

AIRPORT MANAGER: 301-863-3339

COMMUNICATIONS: SFA ATIS 322.425

Ⓡ **APP/DEP CON** 120.05 281.8 (165°–055° abv 3000) 121.0 250.3 (165°–055° 3000 and blo) 127.95 314.0 (056°–164°) (1200–0400Z† Mon–Sun. Other times by NOTAM.)

Ⓡ **POTOMAC APP/DEP CON** 135.625 269.625 (0400–1200Z† Mon–Sun. Other times by NOTAM.)

TOWER 123.7 343.65 340.2X (24hrs++ Mon–Sun. Other times by NOTAM.) **GND CON** 120.6 336.4 **CLNC DEL** 135.2 316.125 **PMSV METRO** 356.2

CLEARANCE DELIVERY PHONE: For CD when NHK ATCT/Apch are clsd ctc Potomac Apch at 866-640-4124.

AIRSPACE: CLASS D svc 1200–0400Z† Mon–Fri, 1300–2300Z† Sat–Sun, clsd hol; other times CLASS E.

RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.

(L) (L) **VORTACW** 117.6 PXT Chan 123 N38°17.27' W76°24.01' at fld. 18/10W.

VOR unusable:

023 byd 10 NM blo 2,500'
024°–174° byd 11 NM blo 2,500'
175°–239° byd 10 NM blo 5,000'
240°–347°
348°–022° byd 11 NM blo 2,500'

TACAN AZIMUTH unusable:

150°–155° byd 25 NM blo 2,500'
155°–237° byd 11 NM blo 2,500'

DME unusable:

150°–155° byd 25 NM blo 2,500'
155°–237° byd 11 NM blo 2,500'

NAS PATUXENT RIVER (L) TACAN Chan 39(Y) NHK (110.25) N38°16.86' W76°24.64' at fld. 18/10W. NOTAM FILE NHK.

TACAN AZIMUTH unusable:

026°–045° byd 20 NM
060°–075°
076°–090° byd 15 NM
135°–170° byd 15 NM
171°–190°
191°–220° byd 25 NM
221°–240° byd 15 NM
250°–290° byd 15 NM
355°–025°

DME unusable:

026°–045° byd 20 NM
060°–075°
076°–090° byd 15 NM
135°–170° byd 15 NM
171°–190°
191°–220° byd 25 NM
221°–240° byd 15 NM
250°–290° byd 15 NM
355°–025°

NDB (MHW) 400 NHK N38°17.16' W76°24.20' at fld. 20/10W.

Unusable:

Byd 10 NM

ILS/DME 108.7 I–NHK Chan 24 Rwy 06. Class IT. Glideslope unusable byd 9 NM. Autopilot cpd apch NA blw 380' MSL.

ASR/PAR Mon–Fri 1200–0400Z†, Sat–Sun 1300–2300Z†

COMM/NAV/WEATHER REMARKS: Radar see Terminal FLIP for Radar Minima. For ASOS ctc C301–342–3398.

PHILLIPS AAF (APG)(KAPG) A 2 S UTC-5(-4DT) N39°27.93' W76°10.10'

WASHINGTON

45 B LRA NOTAM FILE DCA Not insp.

H-101, 121, L-34F, 361, A

RWY 04-22: H7998X200 (ASPH) PCN 44 F/A/W/T HIRL

DIAP

RWY 22: REIL. PAPI(P4L)—GA 3.0° TCH 49'.**SERVICE:** **MILITARY**—LGT When twr clsd, ACTIVATE HIRL Rwy 04-22, REIL Rwy 22; Twy A lgt—CTAF. PAPI Rwy 22 opr H24. **FUEL J8 OIL** O-113-156(Mil)**NOISE:** Noise abatement: Noise sensitive area. Use ns abtmt opr procedure.**MILITARY REMARKS:** Opr 1100-2300Z‡ Mon-Fri, exc hol. **RSTD** 24 hr PPR all acct. Tran acct ldg at any site other than arpt before SR or 1200Z‡, whichever is later or after SS is prohibited. DSN 298-3483/3074, C410-278-3483/3074.**CAUTION** Impact area 1300 yd S of Rwy 04-22 and 2.5 miles SW of dep end of Rwy 22. Deer haz. Ctc twr 15 min prior to arr to arrng deer sweep. If twr clsd use extreme caution. **MISC:** ARFF protection not lctd on afid. Afld signs NSTD or missing. Afld markings faded or missing.**AIRPORT MANAGER:** 410-278-4902**COMMUNICATIONS:** CTAF 126.15

ATIS 124.425 (Mon-Fri 1100-2300Z‡)

Ⓡ **POTOMAC APP/DEP CON** 125.525 291.625**TOWER** 126.15 229.6 241.0 (1300-2100Z‡ Mon-Fri exc holidays, other times PPR.) **GND CON** 121.9**CLEARANCE DELIVERY PHONE:** For CD when ATCT is clsd ctc Potomac Apch at 866-429-5882.**AIRSPACE:** CLASS D svc 1300-2100Z‡ Mon-Fri exc hol; other times PPR; other times CLASS G.**RADIO AIDS TO NAVIGATION:** NOTAM FILE MIV.**DUPONT (L) VORTAC** 114.0 DQO Chan 87 N39°40.69' W75°36.43' 254° 29.0 NM to fld. 70/10W.

VOR unusable:

230°-265° byd 20 NM

TACAN AZIMUTH unusable:

230°-265° byd 20 NM

DME unusable:

230°-265° byd 20 NM

PIER 7 HELIPORT (See BALTIMORE on page 95)

POTOMAC AIRFIELD (See FRIENDLY on page 103)

RIDGELY

GOODEN AIRPARK (RJD)(KRJD) 2 NE UTC-5(-4DT) N38°58.21' W75°51.98'

WASHINGTON

64 B NOTAM FILE DCA

L-34F, 36J, A

RWY 12-30: H3214X50 (ASPH) S-28, D-39 LIRL

IAF

RWY 12: REIL. P-line.

RWY 30: REIL. Trees. Rgt t/c.

SERVICE: S4 LGT Actv aprt beacon—CTAF. Actv REIL Rwy 12 & 30; LIRL Rwy 12-30—CTAF.

AIRPORT REMARKS: Unattended. Birds, deer and wildlife on and in/ov arpt. Unlimited vehicle access to acft movement areas. Turf areas adjacent to acft movement areas soft when wet. Twy/Apn pavements are failing with loose aggregate and alligator cracking. Rwy 12-30 thld bars and rwy numbers are half size. Rwy 12 and 30 mkg condition faded, crack seal thru mrkgs.

AIRPORT MANAGER: 302-270-2227

COMMUNICATIONS: CTAF/UNICOM 122.8

Ⓡ **POTOMAC APP/DEP CON** 124.55

DOVER APP/DEP CON 132.425 (Rwy 30)

CLEARANCE DELIVERY PHONE: For CD ctc Dover Apch at 302-677-3940.

RADIO AIDS TO NAVIGATION: NOTAM FILE MIV.

SMYRNA (L) (L) VORTACW 111.4 ENO Chan 51 N39°13.90' W75°30.96' 235° 22.7 NM to fld. 15/9W.

TACAN AZIMUTH unusable:

140°-150° byd 36 NM blo 2,000'

200°-300° byd 36 NM blo 3,000'

VOR unusable:

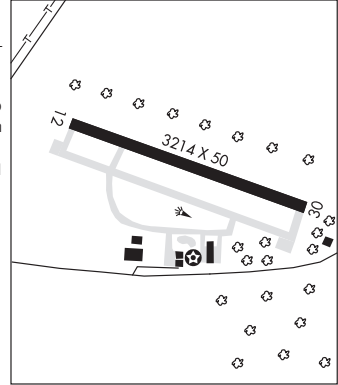
159°-169° blo 3,000 . 325-335 byd 15NM blo 4,900'

DME unusable:

140°-150° byd 36 NM blo 2,000'

200°-300° byd 36 NM blo 3,000'

COMM/NAV/WEATHER REMARKS: UNICOM unmon.



ST MARY'S CO RGNL (See LEONARDTOWN on page 110)

SALISBURY

BENNETT (1N5) 4 NW UTC-5(-4DT) N38°24.77' W75°37.02'

WASHINGTON

46 B NOTAM FILE DCA

RWY 17-35: 3171X95 (TURF) LIRL

RWY 17: APAP(PNIL)—GA 4.0° TCH 23'. Thld dsplcd 240'. Road.

RWY 35: APAP(PNIL)—GA 5.0°. Thld dsplcd 941'. Road.

RWY 08-26: 2302X95 (TURF)

RWY 08: Thld dsplcd 800'. Road.

RWY 26: Thld dsplcd 300'. Road.

SERVICE: LGT Dusk-0400Z‡. Actv LIRL Rwy 17-35 and bcn—CTAF.

AIRPORT REMARKS: Attended dawn-dusk. Ultralight act on and in/ov arpt. Birds and wildlife on and in/ov arpt. +375 ft lgtd ant 3200 ft L of Rwy 35 thr on L downwind. Rwy 08 and Rwy 26 dthr mkd with 3 orange cones. Rwy 17 and Rwy 35 thr and dthr mkd with lgts and cones. Rwy 17-35 +60 ft trees mid-point both sides of rwy. +70' trees mid-point both sides rwy 17-35.

AIRPORT MANAGER: (443) 880-7428

COMMUNICATIONS: CTAF/UNICOM 122.8

Ⓡ **PATUXENT APP/DEP CON** 127.95 (1200-0400Z‡ Mon-Sun. Other times by NOTAM) other times ctc

Ⓡ **POTOMAC APP/DEP CON** 127.2

CLEARANCE DELIVERY PHONE: For CD ctc Patuxent Apch at 301-342-3740, when Patuxent Apch is clsd ctc Potomac Apch at 866-640-4124.

SALISBURY—OCEAN CITY WICOMICO RGNL (SBY)(KSBY) 4 SE UTC-5(-4DT) N38°20.41' W75°30.57'

WASHINGTON

H-101, 121, L-34F, 361, A

IAP, AD

53 B Class I, ARFF Index B NOTAM FILE SBY

RWY 14-32: H6400X100 (ASPH-CONC-GRVD) S-76, D-126, 2S-146, 2D-423, 2D/2D2-749 PCN 43 F/C/W/T HIRL

RWY 14: REIL. PAPI(P4L)—GA 3.0° TCH 45'.

RWY 32: MALSR. PAPI(P4L)—GA 3.0° TCH 54'.

RWY 05-23: H5000X100 (ASPH-GRVD) S-56, D-76, 2S-83, 2D-142 PCN 21 F/C/X/T MIRL

RWY 05: REIL. PAPI(P4L)—GA 3.0° TCH 45'. Tree.

RWY 23: REIL. PAPI(P4L)—GA 3.0° TCH 45'. Tree.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 05: TORA-5000 TODA-5000 ASDA-5000 LDA-5000

RWY 14: TORA-6400 TODA-6400 ASDA-6400 LDA-6400

RWY 23: TORA-5000 TODA-5000 ASDA-5000 LDA-5000

RWY 32: TORA-6400 TODA-6400 ASDA-6400 LDA-6400

SERVICE: S4 FUEL 100LL, JET A LGT When ATCT clsd actvt MALSR Rwy 32; REIL Rwy 05, 14, and 23; MIRL Rwy 05-23; HIRL Rwy 14-32; twy lghts—CTAF. PAPI Rwy 05, 14, 23, and 32 opr consly.

AIRPORT REMARKS: Attended 1030-0500Z†. Mil trng act, deer and birds on and in/ov arpt. FBO hrs 1200-0000Z†. For services after hrs call 410-749-0323. 24 PPR hr rqr for unsked ac ops ctc amgr. Twy E clsd to acft wingspan more than 79 ft. Twy G south 950 ft clsd to acft wingspan more than 49 ft.

AIRPORT MANAGER: 410-548-4827

WEATHER DATA SOURCES: ASOS 118.325 (410) 341-0868.

COMMUNICATIONS: CTAF 119.425 UNICOM 122.95

RCO 122.3 (LEESBURG RADIO)

Ⓡ **PATUXENT APP/DEP CON** 127.95 (1200-0400Z† Mon-Sun. Other times by NOTAM) other times ctc

Ⓡ **POTOMAC APP/DEP CON** 127.2

TOWER 119.425 (1100-0330Z†) **GND CON** 123.775 **CLNC DEL** 123.775 (1100-0330Z†)

CLEARANCE DELIVERY PHONE: For CD ctc Patuxent Apch at 301-342-3740, when Patuxent Apch is clsd ctc Potomac Apch at 866-640-4124.

AIRSPACE: CLASS D svc 1100-0330Z†; other times CLASS E.

RADIO AIDS TO NAVIGATION: NOTAM FILE SBY.

(L) (L) **VORTACW** 111.2 SBY Chan 49 N38°20.70' W75°30.63' at fld. 48/12W.

VOR unusable:

007°-026° byd 20 NM blo 7,000'

027°-089° byd 13 NM blo 5,000'

090°-110° byd 20 NM blo 5,000'

111°-113° byd 19 NM blo 5,000'

114°-120° byd 16 NM blo 5,000'

261°-285° blo 6,000'

294°-007° blo 5,000'

TACAN AZIMUTH unusable:

009°-055° byd 20 NM

261°-285° blo 6,000'

294°-007° blo 5,000'

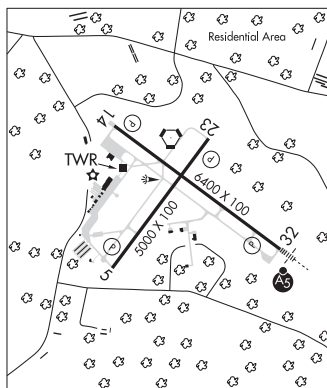
DME unusable:

009°-055° byd 20 NM

261°-285° blo 6,000'

294°-007° blo 5,000'

ILS 108.7 I-SBY Rwy 32. Class IA.



SNOW HILL N38°03.40' W75°27.83' NOTAM FILE DCA.

WASHINGTON

(L) (L) **VORTACW** 112.4 SWL Chan 71 189° 7.0 NM to Wallops Flight Facility. 34/8W.

H-101, 121, L-361

VOR unusable:

005°-020° byd 25 NM blo 1,500'

020°-040° byd 20 NM blo 1,700'

040°-045° byd 10 NM blo 2,000'

210°-225° byd 13 NM blo 4,000'

210°-225° byd 18 NM blo 6,000'

210°-225° byd 37 NM

225°-265° byd 10 NM blo 2,500'

225°-265° byd 30 NM blo 9,000'

265°-005° byd 20 NM blo 1,500'

TACAN AZIMUTH OTS

STEVENSVILLE

BAY BRIDGE (W29) 1 W UTC-5(-4DT) N38°58.59' W76°19.80'

15 B TPA—1215(1200) NOTAM FILE W29

RWY 11-29: H2713X60 (ASPH) MIRL 0.3% up E

RWY 11: REIL. PAPI(P2L)—GA 3.0° TCH 39'.

RWY 29: REIL. PAPI(P2L)—GA 3.0° TCH 30'. Trees.

SERVICE: S4 **FUEL** 100LL **LGT** ACTVT REIL Rwy 11 and Rwy 29; MIRL Rwy 11-29—CTAF. Rwy 11 VGS I unusable byd 5 deg left of centerline. PAPIs are baffled.

NOISE: Noise abatement proc in effect—AMGR. Noise sensitive residential area S of arpt; enter downwind for Rwy 29 over water twr S of fld.

AIRPORT REMARKS: Attended Mon-Sat 1230-2130Z†, Sun unattended.

Wildlife on and in/ov arpt. Self serve fuel avbl H24 with credit card.

Tgl ops NA. Alert heli 8 NM east of arpt. Rotor craft: Use rgt tfc pat for Rwy 29. At all other times, use left tfc pat. Prkg fee.

AIRPORT MANAGER: 410-643-4364

WEATHER DATA SOURCES: AWOS-3 120.575 (410) 643-8795.

COMMUNICATIONS: CTAF/UNICOM 122.725

Ⓡ **POTOMAC APP/DEP CON** 119.0

CLEARANCE DELIVERY PHONE: For CD ctc Potomac Apch at 866-429-5882.

RADIO AIDS TO NAVIGATION: NOTAM FILE BWI.

BALTIMORE (I) (L) VORTACW 115.1 BAL Chan 98 N39°10.26'

W76°39.68' 138° 19.4 NM to fld. 150/11W.

TACAN AZIMUTH & DME unusable:

133°-155° byd 20 NM blo 10,000'

300°-349° byd 35 NM

TACAN DME unusable:

133°-155° byd 36 NM

VOR unusable:

133°-155° byd 20 NM blo 10,000'

197°-217° byd 17 NM

282°-292°

TACAN AZIMUTH unusable:

029°-042° byd 30 NM

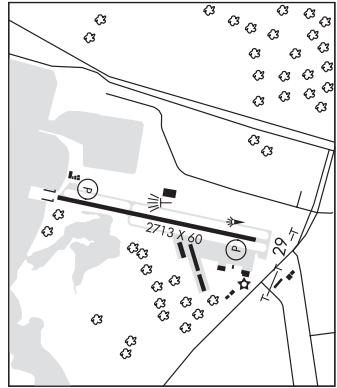
180°-190° byd 17 NM

WASHINGTON

COPTER

L-29E, 34F, 36I, A

IAP



KENTMORR AIRPARK (3W3) 5 SW UTC-5(-4DT) N38°55.09' W76°21.53'

WASHINGTON

10 TPA—1000(990) NOTAM FILE DCA

RWY 10-28: 2400X75 (TURF)

RWY 10: Thld dsplcd 200'. Road.

RWY 28: Thld dsplcd 150'. Trees.

NOISE: Preferred calm or crosswind Rwy 28, for noise abatement. Preferred 90° crosswind Rwy 28, for noise abatement.

AIRPORT REMARKS: Unattended. Numerous birds, deer, other wildlife on and in/ov arpt. No ngt ops. Unlimited vehicle access to acft movement areas. Rwy 10-28 may be soft and wet. Rwy 10-28 dsplcd thrs mxd with orange cones. Helicopters requested to use standard tfc pattern. Taxi and park on north side of rwy.

AIRPORT MANAGER: 301-456-0566

COMMUNICATIONS: CTAF 122.9

CLEARANCE DELIVERY PHONE: For CD ctc Potomac Apch at 866-429-5882.

TIPTON (See FORT MEADE (ODENTON) on page 102)

WESTMINSTER

CARROLL CO RGNL/JACK B POAGE FLD (DMW)(KDMW) 3 N UTC-5(-4DT) N39°36.50'

WASHINGTON

H-10H, 12I, L-29E, 34F, A
IAP

W77°00.46'

789 B TPA—See Remarks NOTAM FILE DMW

RWY 16-34: H5100X100 (ASPH-GRVD) S-22, D-50 MIRL

0.3% up NW

RWY 16: REIL. PAPI(P4L)—GA 3.0° TCH 45'.

RWY 34: REIL. PAPI(P4L)—GA 3.0° TCH 40'. Rgt tfc.

SERVICE: S4 FUEL 100LL, JET A OX3, 4 LGT Actvt REIL Rwy 16 & 34; MIRL Rwy 16-34, twy lgts—CTAF. PAPI Rwy 16 unusbl byd 5 deg R of cntrln.

AIRPORT REMARKS: Attended 1200-0100Z†. Arpt unattended Christmas.

Wildlife on and invof arpt. Fuel self-serve 100LL avbl with credit card.

TPA—Fixed wing 1599(810), turbo prop and jet 2099(1310). Rwy

16-34 distance markers every 1000 ft west side of rwy.

AIRPORT MANAGER: 410-876-9885

WEATHER DATA SOURCES: AWOS-3 121.25 (410) 876-1281.

COMMUNICATIONS: CTAF/UNICOM 122.7

Ⓡ POTOMAC APP/DEP CON 125.525

CLEARANCE DELIVERY PHONE: GCO avbl on freq 121.725. If una, for CD ctc Potomac Apch at 866-429-5882.

RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.

WESTMINSTER (VH) (H) VORTAC 117.9 EMI Chan 126 N39°29.70'

W76°58.71' 357° 6.9 NM to fld. 820/8W.

VOR unusable:

009°-056° byd 40 NM

128°-161° byd 20 NM blo 6,500'

221°-231° blo 4,500'

221°-231° byd 13 NM blo 16,000'

284°-294° byd 40 NM

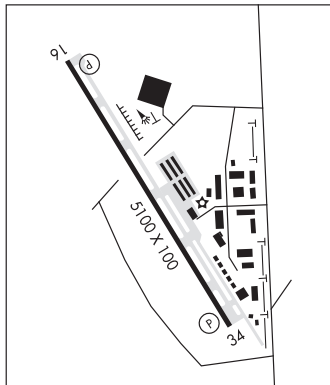
295°-334° blo 5,500'

TACAN AZIMUTH unusable:

281°-055° byd 35 NM blo 3,000'

DME unusable:

281°-055° byd 35 NM blo 3,000'



CLEARVIEW AIRPARK (2W2) 7 S UTC-5(-4DT) N39°28.02' W77°01.05'

WASHINGTON

COPTER

L-29E, 34F, 36I, A

IAP

799 B NOTAM FILE DCA

RWY 14-32: H1840X30 (ASPH) LIRL(NSTD) 2.1% up SE

RWY 14: APAP(PNIL)—GA 4.0° TCH 20'. Thld dspcld 330'. Trees.

RWY 32: APAP(PNIL)—GA 7.0° TCH 34'. Thld dspcld 277'. Trees.

SERVICE: FUEL 100LL LGT Rwy 14-32 LIRL NSTD lgts 20 ft fm rwy edge. ACTVT LIRL Rwy 14-32 and rotg bcn—CTAF.

AIRPORT REMARKS: Attended 1400-2200Z†. Arpt unatndd Thanksgiving, Christmas, and New Years Day. Unl vehicle aces to acct movement areas. 60' drop off 125' from AER 14. Ultralight act on and invof arpt.

AIRPORT MANAGER: 410-795-1176

COMMUNICATIONS: CTAF/UNICOM 122.8

WESTMINSTER RCO 122.1R 117.9T (LEESBURG RADIO)

Ⓡ POTOMAC APP/DEP CON 125.525

CLEARANCE DELIVERY PHONE: For CD ctc Potomac Apch at 866-429-5882.

RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.

WESTMINSTER (VH) (H) VORTAC 117.9 EMI Chan 126 N39°29.70'

W76°58.71' 235° 2.5 NM to fld. 820/8W.

VOR unusable:

009°-056° byd 40 NM

128°-161° byd 20 NM blo 6,500'

221°-231° blo 4,500'

221°-231° byd 13 NM blo 16,000'

284°-294° byd 40 NM

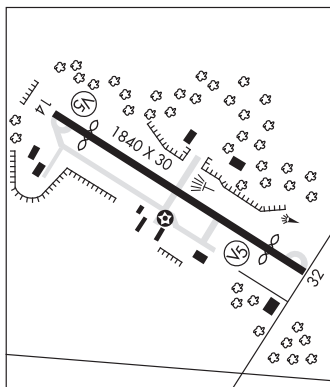
295°-334° blo 5,500'

TACAN AZIMUTH unusable:

281°-055° byd 35 NM blo 3,000'

DME unusable:

281°-055° byd 35 NM blo 3,000'



WESTMINSTER N39°29.70' W76°58.71' NOTAM FILE DCA.

(VH) (H) VORTAC 117.9 EMI Chan 126 235° 2.5 NM to Clearview Airpark. 820/8W.

VOR unusable:

009°-056° byd 40 NM

128°-161° byd 20 NM blo 6,500'

221°-231° blo 4,500'

221°-231° byd 13 NM blo 16,000'

284°-294° byd 40 NM

295°-334° blo 5,500'

TACAN AZIMUTH unusable:

281°-055° byd 35 NM blo 3,000'

DME unusable:

281°-055° byd 35 NM blo 3,000'

RCO 122.1R 117.9T (LEESBURG RADIO)

WASHINGTON

COPTER

H-10H, 12I, L-29E, 34F, 36J, A

BARRE/BARRE PLAINS

TANNER-HILLER (8B5) 4 SW UTC-5(-4DT) N42°21.38' W72°07.81'

NEW YORK L-33C, 34J

589 NOTAM FILE BDR

RWY 06-24: H3027X40 (ASPH) S-9

RWY 06: Thld dspcd 150'. Trees.

RWY 24: Thld dspcd 200'. Trees.

SERVICE: S2

AIRPORT REMARKS: Unattended. Arpt CLOSED except PPR-ref NOTAMS. Wildlife on and invof arpt. Fuel not avbl. Gliders opr from arpt on intermittent basis. Gliders and powered acft: follow left hand tfc pat on both rwys. Rwy 24 has grvl ovrrn, Rwy 06 has turf ovrrn.

AIRPORT MANAGER: (609) 923-3228

COMMUNICATIONS: CTAF/UNICOM 123.0

CLEARANCE DELIVERY PHONE: For CD ctc Yankee Apch at 860-386-3597

RADIO AIDS TO NAVIGATION: NOTAM FILE BDR.

GARDNER (L) (L) VOR/DME 116.95 GDM Chan 116(Y) N42°32.76' W72°03.49' 210° 11.8 NM to fld. 1280/14W.

BEDFORD

LAURENCE G HANSCOM FLD (BED)(KBED) P (AF) 0 NE UTC-5(-4DT) N42°28.20'

NEW YORK COPTER

W71°17.34'

132 B TPA-See Remarks Class I, ARFF Index B NOTAM FILE BED

H-11D, 12K, L-33D, 34J

RWY 11-29: H7011X150 (ASPH-GRVD) S-120, D-250, 2S-127,

IAP, AD

2D-455 PCN 82 F/C/W/T HIRL

RWY 11: MALSR. PAPI(P4L)-GA 3.0° TCH 67'. RVR-T Hill.

RWY 29: MALSR. PAPI(P4R)-GA 3.0° TCH 52'. RVR-R

RWY 05-23: H5107X150 (ASPH-GRVD) S-120, D-250, 2S-149,

2D-436 PCN 79 F/C/W/T MIRL

RWY 05: REIL. PAPI(P4L)-GA 3.5° TCH 55'.

RWY 23: REIL. PAPI(P4R)-GA 3.2° TCH 55'.

LAND AND HOLD-SHORT OPERATIONS

LDG RWY	HOLD-SHORT POINT	AVBL LDG DIST
RWY 05	11-29	3000
RWY 11	05-23	2650
RWY 29	05-23	3662

RUNWAY DECLARED DISTANCE INFORMATION

RWY 05: TORA-5107	TODA-5107	ASDA-5107	LDA-5107
RWY 11: TORA-7011	TODA-7011	ASDA-7011	LDA-7011
RWY 23: TORA-5107	TODA-5107	ASDA-5107	LDA-5107
RWY 29: TORA-7011	TODA-7011	ASDA-7011	LDA-7011

SERVICE: S4 FUEL 100LL, JET A OX1, 2, 3, 4 LGT Actvt MALSR

Rwy 11 and 29; REIL Rwy 05 and 23; HIRL Rwy 11-29; MIRL Rwy

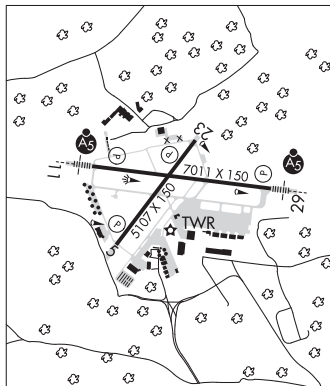
05-23; twy lgts-118.5. MILITARY-JASU 3(A/M32A-86) 2(MA-1A) FUEL 100LL, A TRAN ALERT Opr 1200-0400Z± wk;d; 1400-2200Z± Sun; PPR OT and hol DSN 845-5589/5592. De-icing avbl fr vendor. Ltd hgr space and extremely ltd maint. Fleet svc avbl fr vendor. Mil acft must arng for prkg on east ramp with tran alert or vendor.

NOISE: Noise rules in effect, helicopters opr within controlled airspace are rqr'd to maintain highest possible alt. Voluntary noise abatement procs in efct ctc amgr 671-212-6592. Noise sensitive historic area S of arpt; for Rwy 23 dep cont rwy hdg to 1000 ft AGL, turning crosswind ovrr Rte 2.

AIRPORT REMARKS: Attended continuously. Birds and wildlife on and invof arpt. PPR for all acft carrying explosives call 617-212-6592. PPR for maint eng run-ctc amgr. No plas/tgls for acft 12,500 lbs and over. No plas/tgls for acft under 12,500 lbs 0400-1200Z±. Be alert for small acft parked on ramps. Rwy 29 right tfc acft over 12,500 lbs.

TPA-1132(1000) fixed wing, 1632(1500) turbojet, 1932(1800) heavy jet acft. Clsd to Part 121 ACR ops with over 60 seats excp 24 hr PPR call 781-869-8000. Twy C, F, J, N, R, S, T, Twy M south of Twy E & Twy G btn Rwy 11-29 & Rwy 05-23 clsd to acft grtr than 118 ft wingspan. Twy R clsd to ACR ops-GA use only. Twy R1, R2 clsd to acft grtr than 49 ft wingspan. Surcharge for each ldg and dep 0400-1200Z±. Coml and tsnt ldg fee. Flight Notification Service (ADCUS) avbl. User fee arpt. NOTE: See Special Notices-Arrival Alert.

AIRPORT MANAGER: 617-212-6592



CONTINUED ON NEXT PAGE

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WEATHER DATA SOURCES: ASOS 124.6 (781) 372-5512. LAWRS.

COMMUNICATIONS: CTAF 118.5 ATIS 124.6 (781) 372-5509 UNICOM 122.95

Ⓡ BOSTON APP/DEP CON 124.4

HANSCOM TOWER 118.5 (1200-0400Z±) GND CON 121.7 CLNC DEL 121.85

AIRSPACE: CLASS D svc 1200-0400Z±; other times CLASS G.

VOR TEST FACILITY (VOT) 110.0

RADIO AIDS TO NAVIGATION: NOTAM FILE BOS.

BOSTON (VH) (DH) VOR/DME 112.7 BOS Chan 74 N42°21.45' W70°59.37' 313° 14.9 NM to fld. 18/16W.

VOR unusable:

- 043°-053° byd 40 NM blo 5,000'
- 043°-053° byd 74 NM
- 055°-065° byd 40 NM blo 5,000'
- 055°-065° byd 47 NM
- 061°-104° byd 18 NM blo 2,000'
- 070°-108° byd 40 NM
- 109°-119° byd 40 NM blo 6,000'
- 109°-119° byd 58 NM
- 120°-148° byd 40 NM
- 149°-167° byd 40 NM blo 2,100'
- 149°-167° byd 83 NM
- 168°-177° byd 40 NM
- 178°-188° byd 40 NM blo 11,000'
- 178°-188° byd 50 NM
- 204°-262° byd 40 NM
- 263°-273° byd 40 NM blo 4,000'
- 263°-273° byd 54 NM
- 271°-060° byd 25 NM blo 3,500'
- 274°-337° byd 40 NM
- 350°-042° byd 40 NM

DME unusable:

- 061°-104° byd 18 NM blo 2,000'
- 271°-060° byd 25 NM blo 3,500'

LAWRENCE (L) DME 112.5 LWM Chan 72 N42°44.43' W71°05.69' 208° 18.4 NM to fld. 306. NOTAM FILE LWM.

DME unusable:

- 160°-195° byd 23 NM blo 2,500'

ILS/DME 111.15 I-BED Chan 48(Y) Rwy 11. Class IA. Unmonitored when ATCT clsd.

ILS/DME 111.15 I-ULJ Chan 48(Y) Rwy 29. Class IA. Unmonitored when ATCT clsd.

BERKLEY

MYRICKS (1M8) 3 SE UTC-5(-4DT) N41°50.34' W71°01.59'

NEW YORK

73 NOTAM FILE BDR

RWY 09-27: 2466X50 (TURF) 0.3% up NE

RWY 09: Tree.

RWY 27: Trees.

SERVICE: S2 FUEL 100LL

AIRPORT REMARKS: Attended dalgt hrs. Wildlife on and invof arpt. Aerial banner pickup and drop opns on and invof arpt.

AIRPORT MANAGER: 508-822-2457

COMMUNICATIONS: CTAF 122.9

CLEARANCE DELIVERY PHONE: For CD ctc Providence Apch at 401-738-8945, when Apch clsd ctc Boston ARTCC at 603-879-6859.

BEVERLY RGNL (BVY)(KBVY) 3 NW UTC-5(-4DT) N42°35.05' W70°54.97'

107 B LRA NOTAM FILE BVY

RWY16-34: H5001X100 (ASPH-GRVD) S-30, D-55, 2D-103 MIRL

0.5% up NW

RWY16: MALS. PAPI(P4L)—GA 3.5° TCH 41'. Thld dspcd 239'. Trees.

RWY 34: REIL.

RWY 09-27: H4755X100 (ASPH-GRVD) S-30, D-114, 2S-145, 2D-180 MIRL 0.4% up E

RWY 09: PAPI(P4L)—GA 3.0° TCH 43'. Tree.

RWY 27: PAPI(P4L)—GA 3.22° TCH 46'. Thld dspcd 250'. Trees.

LAND AND HOLD—SHORT OPERATIONS

LDG RWY	HOLD—SHORT POINT	AVBL LDG DIST
RWY 09	16-34	3450
RWY 16	09-27	4000

SERVICE: S4 FUEL 100LL, JET A, A+ OX 3, 4 LGT Rwy 16 nstd
MALS—800 ft. When twr clsd ACTVT MALS Rwy 16; REIL Rwy 34;
PAPI Rwy 16, 09 and 27; MIRL Rwy 09-27 and Rwy 16-34—CTAF.

NOISE: Noise sensitive arpt. Voluntary compliance req of all acft exceeding 75 db to not land/depart arpt 0400-1200Z. Noise abatement procedures in effect ctc arpt manager 978-921-6072. All arrival/departure acft follow manufacturers recommended procedures for quiet ops and minimum noise. Noise sensitive area off the DER 27 to the W, SW, & S and off the DER 34 to the NW.

AIRPORT REMARKS: Attended 1330-2130Z. Birds frequently on or in/ov arpt, occasional deer or coyote on rwy. Fld cond not mnt 0200-1200Z 15 May-31 Oct; 0100-1200Z 01 Nov-14 May. Fuel svc 1030-2330Z, after hrs req only call 978-774-2070. Fuel, parking ctc FBO 129.725 or 978-774-2070. No ultralight or banner towing allowed. Rwy 16 is the preferred calm wind rwy. Rwy 16-34; due to hump at midpt, opposite ends of the rwy not vsb at gnd level. No tiedown ropes on public tsnt prkg. E ramp tsnt spaces: space nrs 15, 16 & 17 only. Ldg fees for transient acft. Overnight parking fee. Flight Notification Service (ADCUS) available.

AIRPORT MANAGER: 978-921-6072

WEATHER DATA SOURCES: ASOS 119.2 (978) 921-5042. LAWRS.

COMMUNICATIONS: CTAF 125.2 ATIS 119.2 UNICOM 122.95

® **BOSTON APP/DEP CON** 124.4

TOWER 125.2 (1200-0200Z 15 May-31 Oct; 1200-0100Z 01 Nov-14 May) **GND CON** 121.6

AIRSPACE: CLASS D svc 1200-0200Z 15 May-31 Oct, 1200-0100Z 01 Nov-14 May; other times CLASS G.

RADIO AIDS TO NAVIGATION: NOTAM FILE LWM.

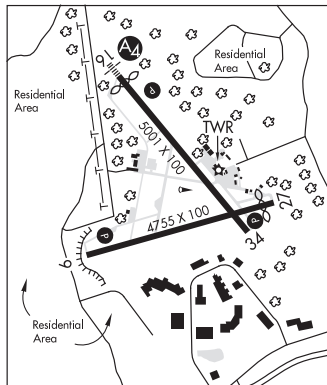
LAWRENCE (L) DME 112.5 LWM Chan 72 N42°44.43' W71°05.69' 140° 12.3 NM to fld. 306.

DME unusable:

160°-195° byd 23 NM blo 2,500'

LOC/DME 110.5 I-BVY Chan 42 Rwy 16. LOC unusable byd 15° left of course. DME unusable byd 15° left of course.

COMM/NAV/WEATHER REMARKS: Emerg frequency 121.5 not available at twr. When twr not opn, close flight plan with Boston apch—121.6.



NEW YORK

COPTER

H-11D, 12K, L-33D

IAP, AD

BOMDE N41°43.93' W70°26.48' NOTAM FILE FMH.

NDB (LOM) 362 FM 235° 5.7 NM to Cape Cod Coast Guard Air Station.

BOSTON

GENERAL EDWARD LAWRENCE LOGAN INTL (BOS)(K BOS) 1 E UTC-5(-4DT)

**NEW YORK
COPTER**
H-101, 11D, 12K, L-33D, 34J
IAP, AD

N42°21.78' W71°00.38'

19 B LRA Class I, ARFF Index E NOTAM FILE BOS

RWY 15R-33L: H10083X150 (ASPH-GRVD) S-120, D-250, 2S-175, 2D-550 PCN 90 F/C/W/T HIRL CL

RWY 15R: MALS R. TDZL. PAPI(P4L)—GA 3.0° TCH 71'. RVR-TMR Thld dspcd 882'. Trees.

RWY 33L: ALSF2. TDZL. PAPI(P4R)—GA 3.0° TCH 68'. RVR-TMR Boat.

RWY 04R-22L: H10006X150 (ASPH-GRVD) S-120, D-250, 2S-175, 2D-550 PCN 90 F/C/W/T HIRL CL

RWY 04R: ALSF2. TDZL. PAPI(P4L)—GA 3.0° TCH 67'. RVR-TMR Thld dspcd 1155'. Boat.

RWY 22L: MALS F. PAPI(P4R)—GA 3.0° TCH 71'. RVR-TMR Thld dspcd 1199'. Boat.

RWY 04L-22R: H7864X150 (ASPH-GRVD) S-120, D-250, 2S-175, 2D-550 PCN 90 F/C/W/T HIRL CL

RWY 04L: REIL. PAPI(P4L)—GA 3.0° TCH 50'. RVR-TR Boat.

RWY 22R: PAPI(P4L)—GA 3.0° TCH 50'. RVR-TR Thld dspcd 819'. Boat.

RWY 09-27: H7001X150 (ASPH-GRVD) S-120, D-250, 2S-175, 2D-550 PCN 90 F/C/W/T HIRL CL

RWY 09: RVR-TR Boat.

RWY 27: REIL. PAPI(P4L)—GA 3.0° TCH 71'. RVR-TR Boat.

RWY 14-32: H5000X100 (ASPH-GRVD) S-120, D-250, 2S-175, 2D-490 PCN 85 F/C/W/T HIRL

RWY 14: Bldg.

RWY 32: REIL. PAPI(P4L)—GA 3.0° TCH 45'.

RWY 15L-33R: H2557X100 (ASPH) S-120, D-250, 2S-175, 2D-550 PCN 90 F/C/W/T MIRL

RWY 33R: PAPI(P4R)—GA 3.0° TCH 40'.

LAND AND HOLD—SHORT OPERATIONS

LDG RWY	HOLD—SHORT POINT	AVBL LDG DIST
RWY 04L	15L-33R	5250
RWY 15R	09-27	6800
RWY 22L	09-27	6400
RWY 27	04R-22L	5650

RUNWAY DECLARED DISTANCE INFORMATION

RWY 04L: TORA-7864 TODA-7864 ASDA-7864 LDA-7864
RWY 04R: TORA-10006 TODA-10006 ASDA-10006 LDA-8851
RWY 09: TORA-7001 TODA-7001 ASDA-7001 LDA-7001
RWY 14: TORA-5000 TODA-5000 ASDA-5000 LDA-5000
RWY 15L: TORA-2557 TODA-2557 ASDA-2557 LDA-2557
RWY 15R: TORA-10083 TODA-10083 ASDA-10083 LDA-9202
RWY 22L: TORA-10006 TODA-10006 ASDA-10006 LDA-8806
RWY 22R: TORA-7864 TODA-7864 ASDA-7864 LDA-7046
RWY 27: TORA-7001 TODA-7001 ASDA-7001 LDA-7001
RWY 32: TORA-5000 TODA-5000 ASDA-5000 LDA-5000
RWY 33L: TORA-10083 TODA-10083 ASDA-10083 LDA-10083
RWY 33R: TORA-2557 TODA-2557 ASDA-2557 LDA-2557

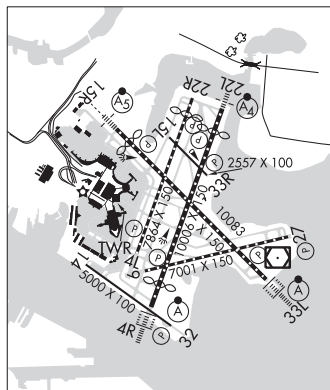
ARRESTING GEAR/SYSTEM

RWY 04L: EMAS
RWY 15R: EMAS

SERVICE: S4 **FUEL** 100LL, JET A **OX** 1, 2, 3, 4 **LGT** Rwy status lights in operation. Rwy 22L VGS I unusable by 7 degs left of centerline.

NOISE: Between 0500-1100Z‡ Rwy 15R is preferential night rwy for tkf and Rwy 33L is preferential ngt rwy for ldg. For noise abatement procedures call 617-561-1636 Mon-Fri 1400-2200Z‡.

AIRPORT REMARKS: Attended continuously. Birds on and invof arpt. Numerous cranes on and invof arpt. Rwy 14-32 unidirectional, no ldgs Rwy 14, no tkfs Rwy 32. International ramp arrivals must obtain a gate assignment from international ramp control before entering ramp area. No remaining overnight parking for non-tenant charter acft without prior Massport permission. ASDE-X in use. Operate transponders with altitude reporting mode and ADS-B (if equipped) enabled on all airport surfaces. Terminal E, North and South Cargo arrivals ctc Massport Gate Control on 131.1 before entering/departing ramp area. Pilots should complete all calculations prior to pushback from gate. Ldg fee. Flight Notification Service (ADCUS) available.



CONTINUED ON NEXT PAGE

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AIRPORT MANAGER: 617-567-5400

WEATHER DATA SOURCES: ASOS 135.0 (617) 567-5762. TDWR.

COMMUNICATIONS: D-ATIS APP 135.0 D-ATIS DEP 135.0 (617) 455-3003 UNICOM 122.95

BOSTON RCO 122.4 122.1R 112.7T (BRIDGEPORT RADIO)

Ⓡ BOSTON APP/DEP CON 127.2 (South) 120.6 (West) 118.25 (North)

Ⓡ BOSTON DEP CON 133.0

BOSTON TOWER 128.8 (West) 132.225 (East) 124.725 (Helicopters)

GND CON 121.9 121.75 CLNC DEL 121.65

PRE TAXI CLNC 121.65 RAMP CTL 134.05

CPDLC (LOGON KUSA)

PDC

AIRSPACE: CLASS B See VFR Terminal Area Chart.

VOR TEST FACILITY (VOT) 111.0

RADIO AIDS TO NAVIGATION: NOTAM FILE BOS.

BOSTON (VH) (DH) VOR/DME 112.7 BOS Chan 74 N42°21.45' W70°59.37' at fld. 18/16W.

VOR unusable:

043°-053° byd 40 NM blo 5,000'

043°-053° byd 74 NM

055°-065° byd 40 NM blo 5,000'

055°-065° byd 47 NM

061°-104° byd 18 NM blo 2,000'

070°-108° byd 40 NM

109°-119° byd 40 NM blo 6,000'

109°-119° byd 58 NM

120°-148° byd 40 NM

149°-167° byd 40 NM blo 2,100'

149°-167° byd 83 NM

168°-177° byd 40 NM

178°-188° byd 40 NM blo 11,000'

178°-188° byd 50 NM

204°-262° byd 40 NM

263°-273° byd 40 NM blo 4,000'

263°-273° byd 54 NM

271°-060° byd 25 NM blo 3,500'

274°-337° byd 40 NM

350°-042° byd 40 NM

DME unusable:

061°-104° byd 18 NM blo 2,000'

271°-060° byd 25 NM blo 3,500'

ILS/DME 110.3 I-BOS Chan 40 Rwy 04R. Class IIIE.

ILS/DME 110.7 I-MDC Chan 44 Rwy 15R. Class IC. Localizer offset angle 001° 35 min.

ILS/DME 110.3 I-LQN Chan 40 Rwy 22L. Class IT. Note *DME also serves Rwy 04R.

ILS/DME 111.3 I-DGU Chan 50 Rwy 27. Class IE.

ILS/DME 110.7 I-LIP Chan 44 Rwy 33L. Class IIIE. LOC unsl byd 33° left side of course.

COMM/NAV/WEATHER REMARKS: DME Channel 40 located 2171' from stop end Rwy 04R and 260' left of centerline is common to Rwy 22L.

CAPE COD (See MARSTON MILLS on page 133)

CAPE COD COAST GUARD AIR STATION (FMH)(KFMH) CG UTC-5(-4DT) N41°39.55' W70°31.37'

NEW YORK
H-10J, 11D, 12K, L-33D
IAP, DIAP, AD

130 B TPA—1100(970) NOTAM FILE FMH Not insp.

RWY 14-32: H9501X150 (ASPH-CONC) PCN 26 F/A/W/T HIRL

RWY 14: REIL. PAPI(P4L)—GA 3.0° TCH 47'. RVR-R

RWY 32: MALSR. PAPI(P4L)—GA 3.0° TCH 50'. RVR-T

RWY 05-23: H8000X150 (ASPH-CONC) PCN 33 F/A/W/T HIRL

RWY 05: REIL. PAPI(P4L)—GA 3.0° TCH 51'. RVR-R

RWY 23: MALSR. PAPI(P4L)—GA 3.0° TCH 53'. RVR-T

SERVICE: FUEL , J5 OX 2 LGT Apt bcn sked: dusk-0400Z‡.

MILITARY REMARKS: Attended continuously. See FLIP AP/1 Supplementary Arpt Information. ANG is only aprn cpbl of acptg C5at GWT. TGL ops for acft ovr 200000 lbs prohibited. **RSTD** ANG ramp unusbl. No PPR for mi/law enforcement/ med flt. Ctc aprt mgmt C508-986-6674 24 hr prior if prkg/RON (exclgd active MEDEVAC). No civ ldg wo PPR fm aprt mgmt. No tsnt svc incl fuel. **CAUTION** Extsv bird act all quads. Ck ATIS for UAS act in Class D asp. Non-std obst lgtd 368' twrs 4 nm NNE of arpt. **TFC PAT** Rotary Wing 970' AGL, Fixed Wing Conventional 1470' AGL, jet overhead 1970' AGL. **MISC** First 350' Rwy 05 conc, remaining 7650' asph. First 2800' Rwy 14 and first 500' Rwy 32 conc, mid portion asph. Rwy 14-32 and Rwy 05-23 have 25' shoulders. PPR rqrd if ACN exceeds publd PCN. Ctc aprt mgmt C508-968-6674/6673 for apvl. **ARNG** PPR req for ARNG ramp ltd fuel avbl: ctc ops C508-968-5850. Opr 1200-2200Z‡ Mon-Fri, ltd svc avbl Sat-Sun with prior coordn. Ctc Bosox ops 10 min prior to arr on 341.675, 138.5, 46.85. Flt briefing rqrd prior to ops in R-4101. Ctc OSA F/W det C508-968-5291/5292 to coord JOSAC pax arr/dep. **USCG** PPR rqrd for USCG ramp, ltd svc avbl with prior coordn C508-968-6360/6361, DSN 557-6360/6361 or C800-673-1056. Arr acft ctc USCG ops (Cape Air) 345.0, 122.975 or 164.55 15 min prior to arr.

AIRPORT MANAGER: 508-968-6674

WEATHER DATA SOURCES: ASOS (508) 968-6563 AN/FMQ-23 owned by Coast Guard.

COMMUNICATIONS: ATIS 120.475 236.825 (508) 968-6563

Ⓡ **BOSTON APP/DEP CON** 118.2 1000-0500Z‡, other times ctc

Ⓡ **BOSTON CENTER APP/DEP CON** 128.75 290.3

COAST GUARD TOWER 128.425 291.1 **GND CON** 124.15 275.8

ARNG 46.85 138.5 341.675

CG CAPE COD AIR 122.975 164.55 (VHF-FM) 345.0 (Opr Mon-Fri 1230-2100Z‡ exc hol)

AIRSPACE: CLASS D.

RADIO AIDS TO NAVIGATION: NOTAM FILE MVY.

MARTHAS VINEYARD (L) (L) VORW/DME 114.5 MVY Chan 92 N41°23.77' W70°36.76' 029° 16.3 NM to fld. 62/15W.

BOMDE NDB (LOM) 362 FM N41°43.93' W70°26.48' 235° 5.7 NM to fld.

ILS/DME 109.55 I-FMH Chan 32(Y) Rwy 23. Class IT. LOM BOMDE NDB.

ILS/DME 110.75 I-BNX Chan 44(Y) Rwy 32. Class IE.

CAPE COD GATEWAY (See HYANNIS on page 130)

CHATHAM MUNI (CQX)(KCQX) 2 NW UTC-5(-4DT) N41°41.30' W69°59.38'

NEW YORK

64 B NOTAM FILE CQX

L-33D

RWY 06-24: H3001X100 (ASPH) S-30 MIRL 0.5% up NE

IAP

RWY 06: REIL. PAPI(P2L)—GA 3.5° TCH 39'. Trees.**RWY 24:** REIL. PAPI(P2R)—GA 3.5° TCH 39'. Tank.**SERVICE:** S3 **FUEL** 100LL, JET A, A+ **LGT** Actvt MIRL Rwy 06-24—122.95.**NOISE:** Noise abatement Rwy 06-24. Use full rwy and avoid intersection departures. Minimize/avoid touch and go ldg opns. Climb out on rwy heading until 1000' over water then proceed on course. Reduce power as soon as practical. Rwy 06-24, fly pattern downwind leg 1/2 to 1 mile out from rwy as practicable.**AIRPORT REMARKS:** Attended 1300Z†-dusk. Birds, primarily gulls and wildlife on or invof arpt. Be aware of hi-speed mil jet and heavy helicopter tfc invof Cape Cod CGAS. Avoid residential areas as much as possible. Recommended minimum alt 2000' AGL from northeast to southeast of arpt over national seashore. Water ldg area clsd perm.**AIRPORT MANAGER:** 508-945-9000**WEATHER DATA SOURCES:** ASOS 135.875 (508) 945-5034.**COMMUNICATIONS:** CTAF/UNICOM 122.8Ⓡ **BOSTON CONSOLIDATED TRACON APP/DEP CON** 118.2 (1000-0500Z†)
CLNC DEL 127.3Ⓡ **BOSTON CENTER APP/DEP CON** 128.75 (0500-1000Z†)**CLEARANCE DELIVERY PHONE:** For CD ctc Boston Apch at 603-594-5554.**RADIO AIDS TO NAVIGATION:** NOTAM FILE BDR.**MARCONI (VH) (DH) VOR/DME** 114.7 LFW Chan 94 N42°01.03' W70°02.23' 190° 19.8 NM to fld. 151/16W.

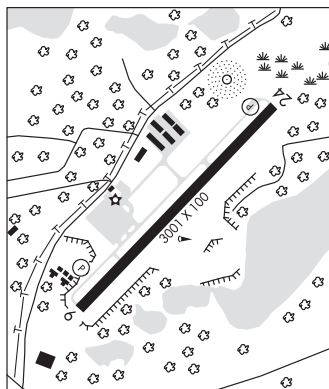
VOR unusable:

245°-250° byd 40 NM

NAUSET NDB (MHW) 279 CQX N41°41.52' W69°59.26' at fld. 56/16W. NOTAM FILE CQX.

NDB unusable:

220°-280° byd 20 NM

**CHESTER** N42°17.48' W72°56.96' NOTAM FILE BTV.

NEW YORK

(L) **VOR/DME** 115.1 CTR Chan 98 311° 17.2 NM to Pittsfield Muni. 1600/13W.

H-101, 11D, L-33C, 34J

VOR unusable:

248°-274°

CRANLAND (See HANSON on page 129)**EDGARTOWN****KATAMA AIRPARK** (1B2) 2 S UTC-5(-4DT) N41°21.51' W70°31.47'

NEW YORK

18 NOTAM FILE BDR

RWY 03-21: 3700X50 (TURF)**RWY 03:** Thld dsplcd 245'. Road.**RWY 21:** Thld dsplcd 300'. Pole.**RWY 06-24:** 2700X50 (TURF)**RWY 06:** Thld dsplcd 300'. Road.**RWY 24:** Road.**RWY 17-35:** 2600X50 (TURF)**RWY 17:** Thld dsplcd 200'. Bldg.**SERVICE:** **FUEL** 100LL**AIRPORT REMARKS:** Attended May 15-Oct 15 SR-SS. Wildlife on and invof arpt. Be aware of hi-speed mil jet and heavy helicopter tfc vicinity Cape Cod CGAS. Rwy 03-21, Rwy 06-24, and Rwy 17-35 dsplcd thlds marked with flush white paving blocks.**AIRPORT MANAGER:** (508) 627-0421**COMMUNICATIONS:** CTAF/UNICOM 122.8Ⓡ **BOSTON APP/DEP CON** 119.7 (1000-0500Z†)Ⓡ **BOSTON CENTER APP/DEP CON** 128.75 (0500-1000Z†)**CLEARANCE DELIVERY PHONE:** For CD ctc Boston Apch at 603-594-5554.

FALMOUTH AIRPARK (5B6) 4 NE UTC-5(-4DT) N41°35.14' W70°32.42'

NEW YORK
L-33D
IAP, AD

41 B NOTAM FILE BDR
RWY 07-25: H2298X40 (ASPH) S-4 LIRL
RWY 07: Trees. Rgt tfc.
RWY 25: Trees.

SERVICE: FUEL 100LL, UL94 LGT ACTVT LIRL Rwy 07-25—122.7. Rwy 07-25 non-std LIRL rwy lgts. Lgts offset 40' N of rwy. ACTVT rwy lgts with 5 clicks on Freq 122.7.

AIRPORT REMARKS: Attended 1300-2100Z±. Wildlife invof arpt. Watch for pedestrians or animals invof rwy. Self svc 100LL and UL94 avbl with credit card. Turf around Rwy 07-25 soft aft rain. Be aware of hi-speed mil jet and heavy helicopter tfc invof of Cape Cod CGAS. Airport clsd to acft exceeding 5000 lbs publ'd max GWT. Non-std yellow chevrons at apch end. Tie downs avbl in fuel shed. Tsnt ops daytime only. No ngt tsnt tkofs or lndgs. No tsnt student acts, solo or dual at 5B6. Full stops only. TGL ops prohibited. Lndg fee arpt. Ldg fee for com'l ops. Fee for ovngt prkg.

AIRPORT MANAGER: 508-548-9617

COMMUNICATIONS: CTAF/UNICOM 123.075

Ⓡ BOSTON APP/DEP CON 118.2 (1000-0500Z±)

Ⓡ BOSTON CENTER APP/DEP CON 128.75 (0500-1000Z±)

CLEARANCE DELIVERY PHONE: For CD ctc Boston Apch at 603-594-5554.

RADIO AIDS TO NAVIGATION: NOTAM FILE MVY.

MARTHAS VINEYARD (L) VOR/DME 114.5 MVY Chan 92 N41°23.77' W70°36.76' 031° 11.8 NM to fld.
62/15W.

FITCHBURG MUNI (FIT)(KFIT) 3 SE UTC-5(-4DT) N42°33.23' W71°45.55'

NEW YORK
H-11D, 12K, L-33C, 34J
IAP

345 B TPA—1347(1002) NOTAM FILE FIT

RWY 14-32: H5001X100 (ASPH) S-30, D-41 MIRL 0.3% up NW

RWY 14: REIL. PAPI(P4L)—GA 3.0° TCH 40'. Thld dsp'cd 163'. Trees.

RWY 32: REIL. PAPI(P4L)—GA 3.5° TCH 46'. Thld dsp'cd 300'. Trees.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 14: TORA-5001 TODA-5001 ASDA-4701 LDA-4538

RWY 32: TORA-5001 TODA-5001 ASDA-4838 LDA-4538

SERVICE: S4 FUEL 100LL, JET A, A+ LGT Actvt REIL Rwy 14 and 32; PAPI Rwy 14 and 32; MIRL Rwy 14-32—123.0. Rotg bcn not avbl during dalgt IFR conds. Rwy 14 PAPI unusbl byd 5 degs L and R of cntrln.

AIRPORT REMARKS: Attended 1300-2200Z±. Wildlife on and invof arpt. Ldg fee for corporate and commercial flts only. Cold temperature airport. Altitude correction required at or below -22C.

AIRPORT MANAGER: 978-345-9580

WEATHER DATA SOURCES: ASOS 135.175 (978) 343-9121.

COMMUNICATIONS: CTAF/UNICOM 122.7

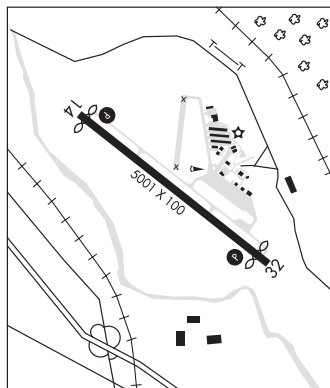
RCO 122.15 (BRIDGEPORT RADIO)

Ⓡ BOSTON APP/DEP CON 124.4

CLEARANCE DELIVERY PHONE: For CD ctc Boston Apch at 603-594-5552.

RADIO AIDS TO NAVIGATION: NOTAM FILE BDR.

GARDNER (L) VOR/DME 116.95 GDM Chan 116(Y) N42°32.76' W72°03.49' 102° 13.3 NM to fld.
128/14W.



GARDNER MUNI (GDM)(KGDM) 2 SW UTC-5(-4DT) N42°32.99' W72°00.96'

954 B NOTAM FILE BDR

RWY 18-36: H3000X75 (ASPH) S-25 MIRL 1.0% up N

RWY 18: Trees.

RWY 36: Trees.

SERVICE: S2 **FUEL** 100LL **LGT** ACTIVATE MIRL Rwy 18-36—CTAF.

AIRPORT REMARKS: Attended irregularly. No radio acft on and invof arpt.

Wildlife on and in vcnty of arpt.

AIRPORT MANAGER: 978-790-7779

COMMUNICATIONS: CTAF/UNICOM 122.8

RCO 122.1R 116.95T (BRIDGEPORT RADIO)

Ⓡ **BOSTON CENTER APP/DEP CON** 123.75

RADIO AIDS TO NAVIGATION: NOTAM FILE BDR.

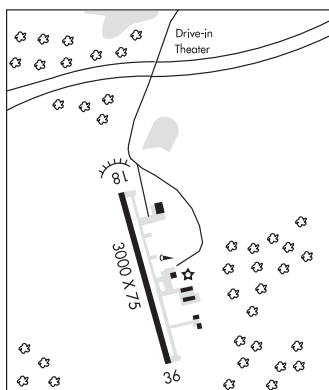
(L) (L) **VOR/DME** 116.95 GDM Chan 116(Y) N42°32.76'

W72°03.49' 097° 1.9 NM to fld. 1280/14W.

NEW YORK

L-33C, 34J

IAP



GARDNER N42°32.76' W72°03.49' NOTAM FILE BDR.

(L) (L) **VOR/DME** 116.95 GDM Chan 116(Y) 097° 1.9 NM to Gardner Muni. 1280/14W.

RCO 122.1R 116.95T (BRIDGEPORT RADIO)

NEW YORK

H-11D, 12J, L-33C, 34J

GENERAL EDWARD LAWRENCE LOGAN INTL (See BOSTON on page 123)

GREAT BARRINGTON

WALTER J KOLADZA (GBR)(KGBR) 2 W UTC-5(-4DT) N42°11.05' W73°24.19'

739 B NOTAM FILE BTW

RWY 11-29: H2579X50 (ASPH) S-8 LIRL

RWY 11: REIL, Thld dspld 170'. Trees.

RWY 29: Thld dspld 75'. Trees.

SERVICE: S4 **FUEL** 100LL, UL94 **OX** 3 **LGT** Actvt REIL Rwy 11; LIRL

Rwy 11-29—121.6.

AIRPORT REMARKS: Attended 1300-2200Z†. Wildlife on and invof arpt.

Practice VFR GPS Rwy 11 not authorized when Rwy 29 is in use for student tfc. Touch and go ldg not authorized. Rwy 11 lgtd thr relctd 170', 2409' of rwy usbl for ngt ops. Compass rose adzy only, not crtfd. Cold temperature airport. Altitude correction required at or below -20C.

Landing fee, AVcard not acptd.

AIRPORT MANAGER: 413-528-1010

COMMUNICATIONS: CTAF/UNICOM 122.8

Ⓡ **ALBANY APP/DEP CON** 132.825

CLEARANCE DELIVERY PHONE: For CD etc Albany Apch at 518-862-2299.

RADIO AIDS TO NAVIGATION: NOTAM FILE BTW.

CHESTER (L) (L) **VOR/DME** 115.1 CTR Chan 98 N42°17.48'

W72°56.96' 266° 21.2 NM to fld. 1600/13W.

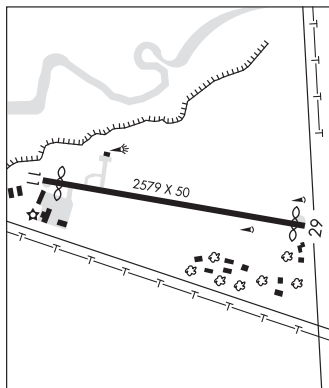
VOR unusable:

248°-274°

NEW YORK

L-33B, 34I

IAP



HALIFAX

MONPONSETT POND SPB (MA6) 2 NW UTC-5(-4DT) N42°00.59' W70°50.59'

**NEW YORK
COPTER**

- 52 NOTAM FILE BDR
- WATERWAY 17W-35W:** 4600X500 (WATER)
- WATERWAY 17W:** Trees.
- WATERWAY 35W:** Trees. Rgt tfc.
- WATERWAY 10W-28W:** 3200X300 (WATER)
- WATERWAY 10W:** P-line.
- WATERWAY 28W:** Trees.

SERVICE: S2
SEAPLANE REMARKS: Attended irregularly. Use caution—Cranland Arpt (28M) 1 mile north, conflicting tfc pat.
AIRPORT MANAGER: 781-293-2181
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Boston Apch at 603-594-5551.

HANSON

CRANLAND (28M) 3 SE UTC-5(-4DT) N42°01.51' W70°50.29'

**NEW YORK
COPTER**

- 71 NOTAM FILE BDR
- RWY 18-36:** H1760X60 (ASPH) S-8
- RWY 18:** Trees.
- RWY 36:** Trees.

AIRPORT REMARKS: Attended Mon-Fri irregularly. Parachute Jumping. Wildlife on and invof arpt. TGL training not adzd. Avoid tax ops on grass when gnd is saturated.
AIRPORT MANAGER: 508-378-7134
COMMUNICATIONS: CTAF 122.9 Clnv del thru Bridgeport Radio (BDR) 1-866-293-5149.
CLEARANCE DELIVERY PHONE: For CD ctc Boston Apch at 603-594-5554.

HARRIMAN-AND-WEST (See NORTH ADAMS on page 136)

HOPEDALE INDUSTRIAL PARK (1B6) 3 SE UTC-5(-4DT) N42°06.39' W71°30.61'

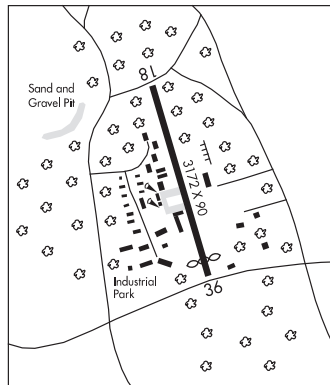
**NEW YORK
L-33C, 34J
IAP**

- 269 NOTAM FILE BDR
- RWY 18-36:** H3172X90 (ASPH) S-12 LIRL 1.0% up N
- RWY 18:** Trees.
- RWY 36:** Thld dspld 110'. Trees.

SERVICE: LGT Rwy lgts opr dusk-0300Z±.
AIRPORT REMARKS: Attended Mon-Fri dawn-dusk. Wildlife invof arpt. Arpt clsd to tsnt acct SS-SR. Arpt clsd to tsnt student trng. Arpt clsd to jets and night lds exc PPR call 508-478-1726. Rwy 18 two story house 27' AGL (291' MSL) located approximately 400' northwest rwy thld.
AIRPORT MANAGER: 508-478-1726

COMMUNICATIONS: CTAF/UNICOM 122.8
 Ⓡ **BRADLEY APP/DEP CON** 119.0 Clnv del thru Bridgeport Radio (BDR) 1-866-293-5149.
CLEARANCE DELIVERY PHONE: For CD ctc Yankee Apch at 860-386-3597.

RADIO AIDS TO NAVIGATION: NOTAM FILE BDR.
PUTNAM (H) (H) VORW/DME 117.4 PUT Chan 121 N41°57.33' W71°50.65' 073° 17.5 NM to fld. 652/14W.
DME unusable:
 265°-301° byd 36 NM blo 3,000'



HYANNIS

CAPE COD GATEWAY (HYA)(KHYA) 1 N UTC-5(-4DT) N41°40.16' W70°16.82'

NEW YORK

54 B LRA ARFF Index—See Remarks NOTAM FILE HYA MON Airport

H-101, 11D, 12K, L-33D

RWY 06-24: H5425X150 (ASPH-GRVD) S-30, D-108

IAP, AD

PCN 32 F/A/X/T HIRL

RWY 06: REIL. PAPI(P4L)—GA 3.0° TCH 37'. RVR-R Thld dsplcd 406'. Tree.

RWY 24: MALSF. PAPI(P4L)—GA 3.0° TCH 50'. RVR-T Railroad.

RWY 15-33: H5255X150 (ASPH-GRVD) S-30, D-108

PCN 43 F/A/X/T HIRL

RWY 15: MALS. RVR-T P-line.

RWY 33: PAPI(P4L)—GA 3.0° TCH 53'. RVR-R Thld dsplcd 150'.

LAND AND HOLD—SHORT OPERATIONS

LDG RWY	HOLD—SHORT POINT	AVBL LDG DIST
RWY 15	06-24	4150
RWY 24	15-33	4650

RUNWAY DECLARED DISTANCE INFORMATION

RWY 06:	TORA-5425	TODA-5425	ASDA-5425	LDA-5019
RWY 15:	TORA-5255	TODA-5255	ASDA-5255	LDA-5255
RWY 24:	TORA-5425	TODA-5425	ASDA-5425	LDA-5425
RWY 33:	TORA-5255	TODA-5255	ASDA-5255	LDA-5105

ARRESTING GEAR/SYSTEM

RWY 24: EMAS

SERVICE: S4 FUEL 100LL, JET A LGT Actvt MALS. Rwy 15; MALS. Rwy 24; HIRL Rwy 06-24 and 15-33—CTAF.

NOISE: Arpt has noise abatement ctc arpt manager 508-778-7765. Tgl opns prohibited btn 0200-1059Z PPR by AMGR.

AIRPORT REMARKS: Attended continuously. Birds, coyotes on and invof arpt. AVGAS unavailable btn 0000Z and 1100Z daily. Call Griffin aft hrs 508-367-2140. Clsd to unskd acr ops with more than 9 pax seats 0500-1100Z except 1 hr PPR AMGR 508-778-7770. Be aware of high-spd mil jet & hvy hel tfc vcnty of Joint Base Cape Cod. Do not confuse Joint Base Cape Cod, 10 NM W with Cape Cod Gateway. Ant on tank 4,600' SE elev 208'; standpipe 7.050' N 236'; obstn lgtd. Class I, ARFF Index A. Index B ARFF equip avbl durg all sked acr ops. Twy B clsd to acft with wingspan grtr than 118'. Twy B btn Twy D and Rwy 06-24 clsd to acft with wingspan grtr than 78'. Twy B from Rwy 33 to east ramp has soft shoulders and marked. Ldg fee for all acft over 6000 lbs.

AIRPORT MANAGER: 508-775-2020

WEATHER DATA SOURCES: ASOS (508) 862-2601 LAWRS.

COMMUNICATIONS: CTAF 119.5 ATIS 123.8 (508) 778-1143 UNICOM 122.95

① BOSTON CONSOLIDATED TRACON APP/DEP CON 118.2 (1000-0500Z)

① BOSTON CENTER APP/DEP CON 128.75 (0500-1000Z)

HYANNIS TOWER 119.5 (1100-0300Z) GND CON 118.45 CLNC DEL 125.15 120.125 (when twr clsd)

AIRSPACE: CLASS D svc 1100-0300Z; other times CLASS G.

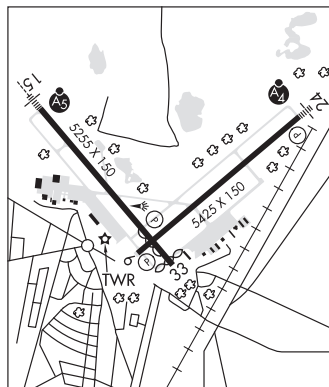
RAID AID TO NAVIGATION: NOTAM FILE MVY.

MARTHAS VINEYARD (L) (L) VORW/DME 114.5 MVY Chan 92 N41°23.77' W70°36.76' 057° 22.2 NM to fld. 62/15W.

ILS/DME 108.95 I-BCU Chan 26(Y) Rwy 15. Class IB. Unmonitored when ATCT clsd.

ILS/DME 109.15 I-HYA Chan 28(Y) Rwy 24. Class IT. Unmonitored when ATCT clsd.

COMM/NAV/WEATHER REMARKS: Emerg frequency 121.5 not avbl at twr. All tsnt and GA pilots must ctc arpt ops on freq 122.95 prior to eng shdtn for airfield escort btn 0300-1059Z.



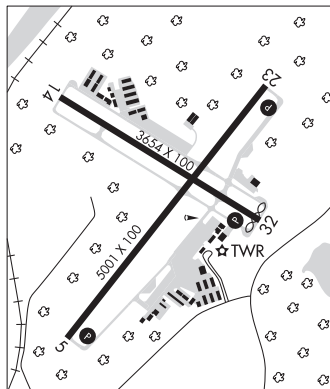
KATAMA AIRPARK (See EDGARTOWN on page 126)

LAURENCE G HANSCOM FLD (See BEDFORD on page 120)

LAWRENCE MUNI (LWM)(KLWM) 2 E UTC-5(-4DT) N42°43.02' W71°07.41'

**NEW YORK
COPTER**
H-11D, 12K, L-33D
IAP, AD

148 B LRA NOTAM FILE LWM
RWY 05-23: H5001X100 (ASPH) S-45, D-62, 2D-110 HIRL
RWY 05: REIL. PAPI(P4R)—GA 3.0° TCH 55'.
RWY 23: REIL. PAPI(P4L)—GA 3.7° TCH 55'. Trees.
RWY 14-32: H3654X100 (ASPH) S-30, D-34, 2D-53 MIRL
 0.7% up SE
RWY 32: REIL. PAPI(P4L)—GA 4.0° TCH 32'. Thld dsplcd 80'. Trees.
SERVICE: S4 FUEL 100LL, JET A, A+ LGT ACTVT REIL Rws 05, 23 and 32, PAPI Rws 05, 23 and 32, HIRL Rwy 05-23, MIRL Rwy 14-32—CTAF.
AIRPORT REMARKS: Attended 1200Z±-0300Z±. Wildlife on and invof arpt. Use reasonable efforts to maintain manufacturer's recommended best rate of climb. Clsd tfc pat initiate turn out at 700' AGL. Lgtd stack 296' MSL 1/2 mile NW AER 23. Hill 5400' SE and standpipe 7200' NE; lgt'd. Ldg Fee for acft registered to corporation only. Flight Notification Service (ADCUS) available.



AIRPORT MANAGER: 978-794-5880
WEATHER DATA SOURCES: ASOS (978) 687-8017 ASOS hrs 0300-1200Z±. LAWRS.

COMMUNICATIONS: CTAF 119.25 ATIS 126.75 UNICOM 122.8

Ⓡ **BOSTON APP/DEP CON** 124.4

TOWER 119.25 (1200-0300Z±) **GND CON** 124.3 **CLNC DEL** 124.3

126.15 (When twr clsd)

AIRSPACE: CLASS D svc 1200-0300Z±; other times CLASS G.

RADIO AIDS TO NAVIGATION: NOTAM FILE LWM.

(L) DME 112.5 LWM Chan 72 N42°44.43' W71°05.69' 222° 1.9 NM to fld. 306.

DME unusable:

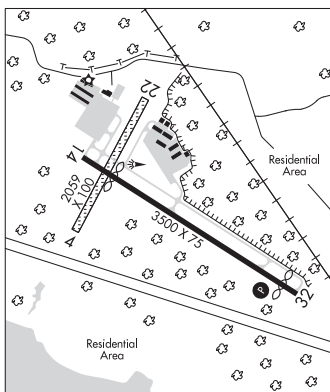
160°-195° byd 23 NM blo 2,500'

ILS 111.7 I-LWM Rwy 05. Class IB. ILS unmntd when ATCT clsd.

MANSFIELD MUNI (1B9) 2 SE UTC-5(-4DT) N42°00.05' W71°11.88'

**NEW YORK
COPTER**
L-33D, 34J
IAP

123 B NOTAM FILE BDR
RWY 14-32: H3500X75 (ASPH) S-26 MIRL
RWY 14: Thld dsplcd 509'. Trees.
RWY 32: PAPI(P4L)—GA 4.0° TCH 38'. Thld dsplcd 237'. Trees.
RWY 04-22: 2059X100 (TURF) 0.3% up NE
RWY 04: Trees.
RWY 22: Trees.
SERVICE: S4 FUEL 100LL LGT ACTVT PAPI Rwy 32, MIRL Rwy 14-32—CTAF. Rwy 14-32 lgts OTS.



AIRPORT REMARKS: Attended Apr-Nov 1300Z±-dusk, Dec-Mar 1400-2200Z±. Wildlife on and invof arpt. Turf strip clsd winter months & aft hvy rains. No touch and go lds 0200-1300Z±. On dep Rwy 32 turn L to 290 degs. No R turns on dep fm Rwy 32 til 1,000 ft MSL. On dep Rwy 14 no L turns til 824 ft MSL.

AIRPORT MANAGER: 508-930-1121

COMMUNICATIONS: CTAF/UNICOM 123.0

RCO 122.5 (BRIDGEPORT RADIO)

Ⓡ **BOSTON APP/DEP CON** 124.1 Clnc del thru Bridgeport Radio (BDR)

1-866-293-5149.

CLEARANCE DELIVERY PHONE: For CD ctc Boston Apch at 603-594-5554.

RADIO AIDS TO NAVIGATION: NOTAM FILE BDR.

PUTNAM (H) (H) VORW/DME 117.4 PUT Chan 121 N41°57.33'

W71°50.65' 098° 29.0 NM to fld. 652/14W.

DME unusable:

265°-301° byd 36 NM blo 3,000'

MARCONI N42°01.03' W70°02.23' NOTAM FILE BDR.

**NEW YORK
COPTER**
H-10J, 11D, 12K, L-33D

(VH) (DH) VORW/DME 114.7 LFW Chan 94 308° 8.8 NM to Provincetown Muni. 151/16W.

VOR unusable:

245°-250° byd 40 NM

RCO 122.2 (BRIDGEPORT RADIO)

MARSHFIELD MUNI — GEORGE HARLOW FLD (GHG)(KGHG) 2 E UTC-5(-4DT) N42°05.85'

W70°40.38'

9 B NOTAM FILE BDR

RWY 06-24: H3900X100 (ASPH-GRVD) S-12.5 MIRL

RWY 06: REIL. PAPI(P4R)—GA 3.0° TCH 43'. Thld dsplcd 300'.

Trees.

RWY 24: REIL. PAPI(P4R)—GA 3.0° TCH 40'. Thld dsplcd 300'.

Trees.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 06: TORA-3900 TODA-3900 ASDA-3600 LDA-3300

RWY 24: TORA-3900 TODA-3900 ASDA-3600 LDA-3300

SERVICE: S4 FUEL 100LL, JET A, A+ OX 1, 3 LGT ACTVT PAPI

Rwy 06 and 24—CTAF.

NOISE: Voluntary noise abatement procs in effect, no touch and go lgs between 2100-0730 local. All engine runups at midfield ramp.

AIRPORT REMARKS: Attended 1300Z†-dusk. Birds, deer and wildlife on and invof arpt. Flt training activity. After hrs service by request. Sfc conds unmnt and snow removal not available 0030-1400Z†.

AIRPORT MANAGER: 781-834-4928

WEATHER DATA SOURCES: AWOS-3 120.0 (781) 837-0555. LAWRS.

COMMUNICATIONS: CTAF/UNICOM 122.8

® **BOSTON APP/DEP CON** 124.1 Clnc del thru Bridgeport Radio (BDR) 1-866-293-5149.

CLEARANCE DELIVERY PHONE: For CD ctc Boston Apch at 603-594-5554.

RADIO AIDS TO NAVIGATION: NOTAM FILE BOS.

BOSTON (VH) (DH) VOR/DME 112.7 BOS Chan 74 N42°21.45' W70°59.37' 154° 21.0 NM to fld. 18/16W.

VOR unusable:

043°-053° byd 40 NM blo 5,000'

043°-053° byd 74 NM

055°-065° byd 40 NM blo 5,000'

055°-065° byd 47 NM

061°-104° byd 18 NM blo 2,000'

070°-108° byd 40 NM

109°-119° byd 40 NM blo 6,000'

109°-119° byd 58 NM

120°-148° byd 40 NM

149°-167° byd 40 NM blo 2,100'

149°-167° byd 83 NM

168°-177° byd 40 NM

178°-188° byd 40 NM blo 11,000'

178°-188° byd 50 NM

204°-262° byd 40 NM

263°-273° byd 40 NM blo 4,000'

263°-273° byd 54 NM

271°-060° byd 25 NM blo 3,500'

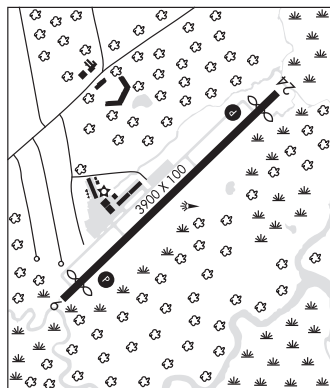
274°-337° byd 40 NM

350°-042° byd 40 NM

DME unusable:

061°-104° byd 18 NM blo 2,000'

271°-060° byd 25 NM blo 3,500'



**NEW YORK
COPTER
L-33D
IAP**

MARSTON MILLS

CAPE COD (2B1) 5 SE UTC-5(-4DT) N41°41.12' W70°24.14'

NEW YORK

103 TPA—803(700) NOTAM FILE BDR

RWY 09-27: 2700X60 (TURF)

RWY 09: Trees.

RWY 27: Trees.

RWY 17-35: 2060X60 (TURF) 0.7% up N

RWY 17: Trees.

RWY 35: P-line.

RWY 05-23: 2035X50 (TURF)

RWY 05: Trees.

RWY 23: Trees.

SERVICE: S2 FUEL 100LL

AIRPORT REMARKS: Attended dalgt hrs. Parachute jumping on fld. Be aware of hi-speed military jet and heavy helicopter ttc vicinity of Cape Cod CGAS. Be alert for radio control airplanes NE corner afld. PPR for Rwy 05-23 ops. Banner tow ops in progress Jun thru Aug north side of afld. Glider tow ops during dalgt hrs. Rwy 35 also has trees. Helicopter ops ctc arpt manager for arpt procedures/parking.

AIRPORT MANAGER: 508-428-8732

COMMUNICATIONS: CTAF 122.9

Ⓡ BOSTON APP/DEP CON 118.2 (1000-0500Z‡)

Ⓡ BOSTON CENTER APP/DEP CON 128.75 (0500-1000Z‡)

CLEARANCE DELIVERY PHONE: For CD ctc Boston Apch at 603-594-5554.

MARTHA'S VINEYARD (See VINEYARD HAVEN on page 142)

MINUTE MAN AIR FLD (See STOW on page 141)

MONPONSETT POND SPB (See HALIFAX on page 129)

MONTAGUE

TURNERS FALLS (ØB5) 3 N UTC-5(-4DT) N42°35.50' W72°31.38'

NEW YORK

359 B NOTAM FILE BTV

RWY 16-34: H3200X75 (ASPH) S-30 MIRL

RWY 16: REIL. PAPI(P4L)—GA 3.0° TCH 40'. Trees.

RWY 34: Thld dsplcd 550'. Trees.

SERVICE: S4 FUEL 100LL, JET A1 LGT ACTIVATE REIL Rwy 16 and MIRL Rwy 16-34—CTAF.

AIRPORT REMARKS: Attended Mon-Fri 1300-2100Z‡. Parachute Jumping. Wildlife and birds invof arpt. Fuel cart ctc amgr. Rwy 16 is calm wind rwy. Cold temperature airport. Altitude correction required at or below -26C.

AIRPORT MANAGER: 413-863-0044

COMMUNICATIONS: CTAF/UNICOM 123.0

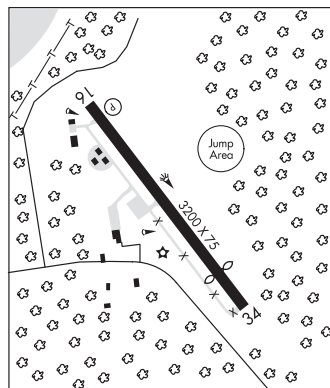
BOSTON CENTER APP/DEP CON 123.75

CLEARANCE DELIVERY PHONE: For CD ctc Boston ARTCC at 603-879-6859.

RADIO AIDS TO NAVIGATION: NOTAM FILE BDR.

GARDNER (L) (L) VOR/DME 116.95 GDM Chan 116(Y) N42°32.76' W72°03.49' 292° 20.8 NM to fld. 1280/14W.

L-33C, 34J
IAP



MYRICKS (See BERKLEY on page 121)

NANTUCKET MEML (ACK)(KACK) 3 SE UTC-5(-4DT) N41°15.20' W70°03.63'

NEW YORK

47 B ARFF Index—See Remarks NOTAM FILE ACK

H-10J, 12K, L-33D

RWY 06-24: H6303X150 (ASPH-GRVD) S-75, D-170, 2S-175,

2D-280 PCN 38 F/A/X/T HIRL CL 0.3% up NE

RWY 06: MALSF. PAPI(P4R)—GA 3.0° TCH 57'. RVR-TR Thld dspcld 537'.**RWY 24:** SSALR. TDZL. PAPI(P4L)—GA 3.0° TCH 48'. RVR-TR**RWY 15-33:** H4500X100 (ASPH-GRVD) S-60, D-85, 2S-108,

2D-155 PCN 37 F/A/X/T MIRL

RWY 15: REIL. Bldg.**RWY 33:** REIL. PAPI(P4L)—GA 3.0° TCH 45'.**LAND AND HOLD—SHORT OPERATIONS**

LDG RWY	HOLD—SHORT POINT	AVBL LDG DIST
RWY 06	15-33	4316
RWY 33	06-24	3650

RUNWAY DECLARED DISTANCE INFORMATION**RWY 06:** TORA-6303 TODA-6303 ASDA-6303 LDA-5766**RWY 15:** TORA-4500 TODA-4500 ASDA-4500 LDA-4500**RWY 24:** TORA-6303 TODA-6303 ASDA-6303 LDA-6303**RWY 33:** TORA-4500 TODA-4500 ASDA-4500 LDA-4500**SERVICE:** FUEL 100LL, JET A LGT Rwy 24 SSALR unmonitored when

twr clsd. When ATCT clsd actvt MALSF Rwy 06; SSALR Rwy 24;

HIRL Rwy 06-24, MIRL Rwy 15-33; twy lgts—CTAF. PAPI Rwy 06, 24 and 33 opr 24 hrs.

NOISE: Arpt has noise abatement procs ctc Noise Officer 508-325-5300. NOTE: See Special Notices—VFR Noise Abatement Procedures.**AIRPORT REMARKS:** Attended continuously. Deer and birds on and invof arpt. Be aware of hi-speed mil jet and heavy helicopter tfc vicinity Air Station Cape Cod. Class I, ARFF Index B, ARFF Index B svcs prvd btn 1100Z‡ and 0300Z‡. For Index B svcs btn 0301Z‡ and 1059Z‡, 2 hr PPR at 508-325-7569 for Nantucket Airport Ops. PPR 2 hrs for unsked acft ops with more than 9 pax seats; call amgr 508-325-5300. Twy F rstrd to sml acft 12,500 lbs or less. Txy F btn Twy B and Twy H clsd to acft with wingspan more than 79 ft. Fee for non-commercial acft parking.**AIRPORT MANAGER:** 508-325-7531**WEATHER DATA SOURCES:** ASOS (508) 325-6082 LAWRS.**COMMUNICATIONS:** CTAF 118.3 ATIS 127.5 (508) 228-5375 UNICOM 122.95

RCO 122.1R 116.2T (BRIDGEPORT RADIO)

Ⓡ BOSTON CONSOLIDATED TRACON APP/DEP CON 126.1 (1000-0500Z‡)

Ⓡ BOSTON CENTER APP/DEP CON 128.75 (0500-1000Z‡)

TOWER 118.3 May 15-Sep 30 (1100-0300Z‡), Oct 1-May 14 (1100-0200Z‡).

GND CON 132.5 CLNC DEL 119.375

CLEARANCE DELIVERY PHONE: For CD if twr clsd & una to ctc FSS freq, ctc Boston Apch at 603-594-5554. When Apch clsd ctc Boston ARTCC at 603-879-6859.**AIRSPACE:** CLASS D svc 1100-0300Z‡ May 15-Sept 30, 1100-0200Z‡ Oct 1-May 14; other times CLASS G.**RADIO AIDS TO NAVIGATION:** NOTAM FILE ACK.

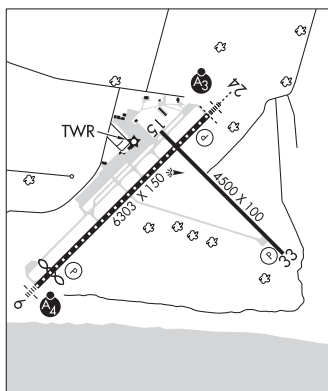
(VH) (H) VOR/DME 116.2 ACK Chan 109 N41°16.91' W70°01.60' 237° 2.3 NM to fld. 99/15W.

VOR unusable:

110°-120° byd 40 NM

ILS/DME 109.1 I-RNE Chan 28 Rwy 06. Class IE. LOC unusable byd 28° right of course.

ILS/DME 109.1 I-ACK Chan 28 Rwy 24. Class IE. Unmonitored when ATCT clsd.

**NAUSET** N41°41.52' W69°59.26' NOTAM FILE CQX.

NEW YORK

NDB (MHW) 279 CQX at Chatham Muni. 56/16W.

L-33D

NDB unusable:

220°-280° byd 20 NM

NEW BEDFORD RGNL (EWB)(KEWB) 2 NW UTC-5(-4DT) N41°40.59' W70°57.47'

NEW YORK

79 B LRA Class IV, ARFF Index A NOTAM FILE EWB

H-10J, 11D, 12K, L-33D

RWY 05-23: H5400X150 (ASPH-GRVD) S-30, D-108, 2S-137,

IAP, AD

2D-195 HIRL 0.3% up NE

RWY 05: MALSR. RVR-T Tree.

RWY 23: MALSR. PAPI(P4L)—GA 3.0° TCH 46'. RVR-R Thld dsplcd 400'. Tree.

RWY 14-32: H5002X75 (ASPH) S-33, D-48, 2D-95 MIRL

RWY 14: PAPI(P4L)—GA 3.42° TCH 50'. Tree.

RWY 32: REIL. PAPI(P4L)—GA 3.5° TCH 50'. Trees.

SERVICE: S4 FUEL 100LL, JET A OX 3, 4 LGT When twr clsd

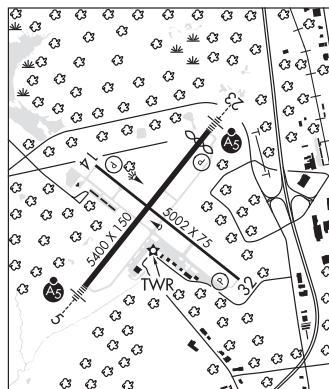
ACTIVATE MALSR Rwy 05 and Rwy 23, REIL Rwy 32, HIRL Rwy 05-23, MIRL Rwy 14-32—CTAF. PAPI Rwy 14, Rwy 23 and Rwy 32 ops 24 hrs.

AIRPORT REMARKS: Attended 1100-0400Z. Birds and wildlife on and invof arpt. Arpt clsd to non sked acr acft with more than 31 pax exc 48 hr PPR 508-991-6161. Twys A1 and A2 for air carrier acft only. Ldg fees for acft ovr 3,000 lbs. Flight Notification Service (ADCUS) available.

AIRPORT MANAGER: 508-991-6161

WEATHER DATA SOURCES: ASOS 126.85 (508) 992-0195. LAWRS.

COMMUNICATIONS: CTAF 118.1 ATIS 126.85 (508) 994-6277 UNICOM 122.95



Ⓡ PROVIDENCE APP/DEP CON 128.7 (Sun-Fri 1030-0530Z, Sat 1030-0500Z) other times ctc

BOSTON CENTER APP/DEP CON 124.85

TOWER 118.1 (1130-0300Z) GND CON 121.9

CLEARANCE DELIVERY PHONE: For CD when Apch clsd ctc Boston ARTCC at 603-879-6859.

AIRSPACE: CLASS D svc 1130-0300Z; other times CLASS G.

RADIO AIDS TO NAVIGATION: NOTAM FILE PVD.

PROVIDENCE (H) (DH) VOR/DME 115.6 PVD Chan 103 N41°43.46' W71°25.78' 112° 21.4 NM to fld. 49/14W.

VOR unusable:

085°-105° byd 12 NM blo 5,500'

085°-105° byd 8 NM blo 3,000'

106°-294° byd 30 NM blo 3,000'

295°-330° byd 30 NM blo 6,000'

331°-084° byd 30 NM blo 3,000'

DME unusable:

085°-105° byd 12 NM blo 5,500'

085°-105° byd 8 NM blo 3,000'

106°-152° byd 11 NM blo 2,000'

106°-152° byd 20 NM blo 4,000'

153°-294° byd 30 NM blo 3,000'

295°-330° byd 30 NM blo 6,000'

331°-084° byd 30 NM blo 3,000'

ILS/DME 109.7 I-EWB Chan 34 Rwy 05. Unmonitored when ATCT clsd. Autopilot cpd apch blw 470' NA. Localizer

backcourse unusable 15° left and R of course; byd 12 NM. Backcourse DME unusable 15° left and R of course; byd

12 NM.

NEWBURYPORT

PLUM ISLAND (2B2) 1 SE UTC-5(-4DT) N42°47.72' W70°50.37'

NEW YORK

11 NOTAM FILE BDR

RWY 14-32: 2300X100 (TURF)

RWY 14: Trees.

RWY 32: Trees.

RWY 10-28: H2105X50 (ASPH) S-8

RWY 10: Trees.

RWY 28: Thld dsplcd 300'. Fence.

SERVICE: S4 FUEL 100LL

AIRPORT REMARKS: Attended Apr-Sep 1300-2300Z. Attended irregularly Oct-Mar. Wildlife invof arpt. No touch and go allowed. Ctc mgr for all arpt use reqs. Owner does not oversee ops.

AIRPORT MANAGER: 978-463-4222

COMMUNICATIONS: CTAF/UNICOM 123.0

Ⓡ BOSTON APP/DEP CON 124.4 Cinc del thru Bridgeport Radio (BDR) 1-866-293-5149.

CLEARANCE DELIVERY PHONE: For CD ctc Boston Apch at 603-594-5552.

NORTH ADAMS

HARRIMAN-AND-WEST (AQW)(KAQW) 3 W UTC-5(-4DT) N42°41.78' W73°10.23'

NEW YORK
L-32G, 33B, 34J
IAP

654 B NOTAM FILE AQW

RWY 11-29: H4300X100 (ASPH) S-25 MIRL

RWY 11: Thld dsplcd 500'. Trees.

RWY 29: Thld dsplcd 100'. Bldg. Rgt tfc.

SERVICE: S4 **FUEL** 100LL, **JET A** OX3 **LGT** ACTIVATE MIRL Rwy 11-29—CTAF.

NOISE: Pilots ldg on Rwy 29 are encouraged to avoid low apchs, if safe to do so, ovr the res nrhd just E of the arpt.

AIRPORT REMARKS: Attended irreg. Wildlife on and invof arpt. Extsv gllder ops dawn-dusk sfc-18,000' year round; primarily weekends and hols. Mt ranges 9100' N at elev 1894'; 4300' N at elev 2254 ft; 10800' S at elev 2951 ft; 12800' S at elev 2690 ft. Twy A2 removed. Rgt tfc when landing Rwy 29. Ctc amgr for lndg fees. Lndg fees.

AIRPORT MANAGER: 413-652-7587

WEATHER DATA SOURCES: ASOS 134.775 (413) 664-6658.

COMMUNICATIONS: CTAF/UNICOM 122.8

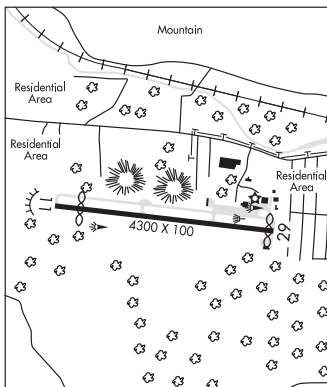
Ⓡ **ALBANY APP/DEP CON** 132.825

CLEARANCE DELIVERY PHONE: For CD ctc Albany Apch at 518-862-2299.

RADIO AIDS TO NAVIGATION: NOTAM FILE BTW.

CAMBRIDGE (L) (L) VORW/DME 115.0 CAM Chan 97 N42°59.66' W73°20.64' 171° 19.4 NM to fld. 1490/14W.

DME portion unusable:
040°-130° blo 9,000'



NORTHAMPTON (7B2) 1 NE UTC-5(-4DT) N42°19.68' W72°36.67'

NEW YORK
L-33C, 34J
IAP

121 B NOTAM FILE BTW

RWY 14-32: H3335X50 (ASPH) S-7.5 MIRL

RWY 14: PAPI(P4L)—GA 4.5° TCH 60'. Trees.

RWY 32: Thld dsplcd 220'. Trees.

SERVICE: S4 **FUEL** 100LL **LGT** Actvt MIRL Rwy 14-32—CTAF.

AIRPORT REMARKS: Attended 1300-2300Z±. Glldr act on and invof arpt May-Oct. Fuel is 24 hr self-serve. Arpt clsd to act and hel crtyfd for 12,500 lbs and ovr. Fee and PPR for coml bln ops. Ldg fee for commercial acft.

AIRPORT MANAGER: 860-833-7602

COMMUNICATIONS: CTAF/UNICOM 122.7

Ⓡ **BRADLEY APP/DEP CON** 125.35

CLNC DEL 133.6

CLEARANCE DELIVERY PHONE: For CD ctc Yankee Apch at 860-386-3597.

RADIO AIDS TO NAVIGATION: NOTAM FILE BAF.

BARNES (VL) (L) VORTACW 113.0 BAF Chan 77 N42°09.72'

W72°42.97' 039° 11.0 NM to fld. 267/14W.

TACAN AZIMUTH unusable:

310°-340° byd 25 NM blo 6,500'

VOR unusable:

000°-030° byd 40 NM

030°-050° byd 30 NM

040°-089° byd 40 NM

090°-100° byd 40 NM blo 4,000'

090°-100° byd 46 NM

101°-112° byd 40 NM blo 18,000'

113°-205° byd 40 NM

215°-240° byd 40 NM

241°-251° byd 40 NM blo 18,000'

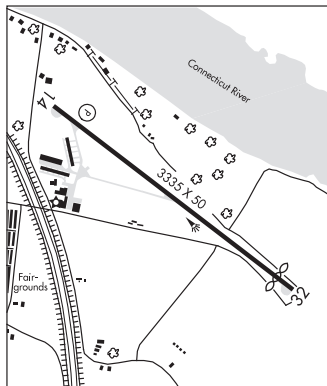
249°-260° byd 10 NM blo 10,000'

252°-360° byd 40 NM

310°-340° byd 25 NM blo 6,500'

DME unusable:

310°-340° byd 25 NM blo 6,500'



NORWOOD MEML (OWD)(KOWD) 2 E UTC-5(-4DT) N42°11.43' W71°10.38'

**NEW YORK
COPTER
L-33D, 34J
IAP, AD**

49 B NOTAM FILE OWD

RWY 17-35: H4007X100 (ASPH-GRVD) S-58, D-69, 2S-88 MIRL

RWY 17: PAPI(P4R)—GA 3.0° TCH 40'. Trees.

RWY 35: MALSF. PAPI(P4L)—GA 3.0° TCH 40'. Rgt tfc.

RWY 10-28: H3995X75 (ASPH) S-58, D-69, 2S-88

RWY 10: PAPI(P4R)—GA 4.0° TCH 25'. Thld dspclcd 987'. Trees.

RWY 28: Thld dspclcd 212'. Trees. Rgt tfc.

LAND AND HOLD—SHORT OPERATIONS

LDG RWY	HOLD—SHORT POINT	AVBL LDG DIST
RWY 35	10-28	3320

RUNWAY DECLARED DISTANCE INFORMATION

RWY 10: TORA-3995 TODA-3995 ASDA-3782 LDA-2795

RWY 28: TORA-3995 TODA-3995 ASDA-3808 LDA-3595

SERVICE: S4 FUEL 100LL, JET A, A+ OX 4 LGT When ATCT clsd actvt MALSF Rwy 35; PAPI Rwy 10, 17, 35; MIRL Rwy 17-35—CTAF.

NOISE: All acft exceeding 87 eff perceived noise level in dbs or 75 dbs, as measured in Part 36 prohibited fm using arpt.

AIRPORT REMARKS: Attended Mon-Fri 1300-2200Z†. Bird activity and wildlife invof arpt. Snow removal equipment building (abutting south apron). 1349(1199) and 1349(1249) TV twr 8 NM north-northwest. 125' flagpole 1 mi NW of Rwy 17 apch. 1184(1063.5) twr 8.5 NM north-northwest. Rwy 28 and 35 rgt tfc for touch and go ldg only. Gate 2 taxilane limited to acft with wingspans of 50' or less. Gate 3 taxilane limited to acft with wingspans of 45' or less. Ldg fees for transient fixed-wing acft with more than 5000 lbs max tog, as well as transient heli regardless of weight.

AIRPORT MANAGER: 781-255-5615

WEATHER DATA SOURCES: ASOS 119.95 (781) 762-4314. LAWRS.

COMMUNICATIONS: CTAF 126.0

ATIS 119.95 (781)-769-3825)

® BOSTON APP/DEP CON 124.1

TOWER 126.0 (Nov 1-Apr 30 1200-0100Z†, May 1-Oct 31 1200-0300Z†) **GND CON** 121.8 **CLNC DEL** 121.8

AIRSPACE: CLASS D svc 1200-0100Z† 1 Nov-30 Apr, 1200-0300Z† 1 May-31 Oct, other times CLASS G.

RADIO AIDS TO NAVIGATION: NOTAM FILE BOS.

BOSTON (VH) (DH) VOR/DME 112.7 BOS Chan 74 N42°21.45' W70°59.37' 235° 12.9 NM to fld. 18/16W.

VOR unusable:

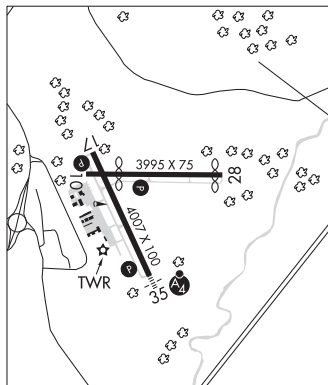
- 043°-053° byd 40 NM blo 5,000'
- 043°-053° byd 74 NM
- 055°-065° byd 40 NM blo 5,000'
- 055°-065° byd 47 NM
- 061°-104° byd 18 NM blo 2,000'
- 070°-108° byd 40 NM
- 109°-119° byd 40 NM blo 6,000'
- 109°-119° byd 58 NM
- 120°-148° byd 40 NM
- 149°-167° byd 40 NM blo 2,100'
- 149°-167° byd 83 NM
- 168°-177° byd 40 NM
- 178°-188° byd 40 NM blo 11,000'
- 178°-188° byd 50 NM
- 204°-262° byd 40 NM
- 263°-273° byd 40 NM blo 4,000'
- 263°-273° byd 54 NM
- 271°-060° byd 25 NM blo 3,500'
- 274°-337° byd 40 NM
- 350°-042° byd 40 NM

DME unusable:

- 061°-104° byd 18 NM blo 2,000'
- 271°-060° byd 25 NM blo 3,500'

STOGE NDB (LOMW) 397 OW N42°07.18' W71°07.71' 350° 4.7 NM to fld. 181/15W. NOTAM FILE OWD.

LOC/DME 108.3 I-OWD Chan 20 Rwy 35. LOM STOGE NDB. LOC unmonitored when ATCT clsd.



ORANGE MUNI (ORE)(KORE) 1 SE UTC-5(-4DT) N42°34.20' W72°17.31'

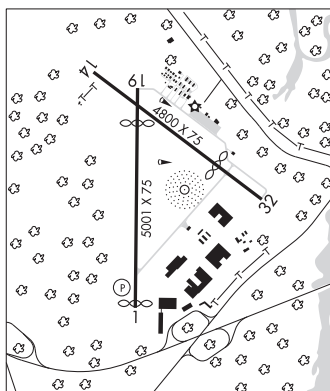
NEW YORK

556 B NOTAM FILE ORE

H-11D, 12K, L-33C, 34J

RWY 01-19: H5001X75 (ASPH) S-25 MIRL 0.4% up S**RWY 01:** PAPI(P4L)—GA 3.4° TCH 45'. Thld dsplcd 101'. Trees.**RWY 19:** Thld dsplcd 800'. Trees.**RWY 14-32:** H4800X75 (ASPH) S-25 MIRL 0.4% up SE**RWY 14:** Trees.**RWY 32:** Thld dsplcd 1290'. Trees.**SERVICE:** S4 FUEL 100LL, JET A LGT Dusk-Dawn. ACTIVATE MIRL

Rwys 01-19 and 14-32—CTAF. PAPI Rwy 01 opr consly.

AIRPORT REMARKS: Attended 1300-2200Z†. Parachute Jumping. Wildlife on and in/ov arpt. 100LL fuel self-svc avbl 24 hrs. Aft hrs emerg/fuel phone ctc 978-894-3264. Aft hrs emerg/fuel phone ctc 413-348-3654. PAJA wi 2 NM of airfield, sfc to 14500 ft MSL, 7 days a week, SR-SS, Apr 1-Nov 30.**AIRPORT MANAGER:** 978-544-8189**WEATHER DATA SOURCES:** ASOS 135.675 (978) 544-6774.**COMMUNICATIONS:** CTAF/UNICOM 122.8**® BOSTON CENTER APP/DEP CON** 123.75 ClnC del thru Bridgeport Radio (BDR) 1-866-293-5149.**CLEARANCE DELIVERY PHONE:** For CD ctc Boston ARTCC at 603-879-6859.**RADIO AIDS TO NAVIGATION:** NOTAM FILE BDR.**GARDNER (L) (L) VOR/DME** 116.95 GDM Chan 116(Y) N42°32.76' W72°03.49' 292° 10.3 NM to fld. 1280/14W.**PITTSFIELD MUNI** (PSF)(KPSF) 2 W UTC-5(-4DT) N42°25.66' W73°17.45'

NEW YORK

1188 B LRA NOTAM FILE PSF

H-10I, 11D, 12K, L-33B, 34I

RWY 08-26: H5791X100 (ASPH-GRVD) S-44, D-54 PCN 43 F/D/X/T

MIRL 1.0% up W

RWY 08: Trees.**RWY 26:** REIL. PAPI(P4L)—GA 3.0° TCH 50'. Rgt tfc.**RWY 14-32:** H3496X100 (ASPH) S-25 PCN 7 F/D/X/T MIRL

0.8% up NW

RWY 14: Trees.**RWY 32:** Trees. Rgt tfc.**SERVICE:** S4 FUEL 100LL, JET A, A+ OX4 LGT ACTVT REIL Rwy 26;

PAPI Rwy 26; MIRL Rwys 08-26 and 14-32—CTAF.

NOISE: Noise abatement procs in efct 0400-1200Z†.**AIRPORT REMARKS:** Attended 1200-2000Z†. Birds & wildlife on & in/ov arpt. Airfield sfc cond not mnt and snow removal not guaranteed btn 2000-1200Z†. FBO atndd Mon-Fri 1300-2300Z†, Sat-Sun 1300-2200Z†. For fuel aft hrs call 413-443-6700. Obstn lgtg poles 0.9 NM SE at 1960 ft; 1.1 NM SE at 1470 ft; 1.7 NM SW at 2171 ft (OTS indefly); 1.3 NM NE at 1330 ft; 2.3 NM NW at 1890 ft (OTS indefly). All acct use Twy A, C & D for Rwy 08-26. Twy A use ltd to acct with wingspan less than 79 ft. Aft back tax Rwy 26 use Twy D. Ldg and parking fees. Lndg fee: refer to rates and charges on arpt website.**AIRPORT MANAGER:** 413-448-9790**WEATHER DATA SOURCES:** ASOS 135.375 (413) 499-3273.**COMMUNICATIONS:** CTAF/UNICOM 122.7

RCO 122.3 (BURLINGTON RADIO)

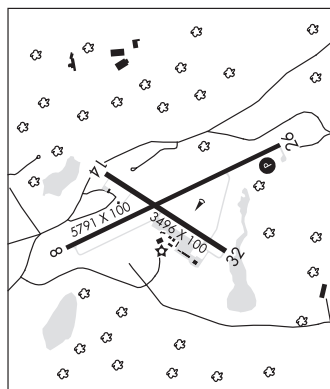
® ALBANY APP/DEP CON 132.825

CLNC DEL 128.6

CLEARANCE DELIVERY PHONE: For CD ctc Albany Apch at 518-862-2299.**RADIO AIDS TO NAVIGATION:** NOTAM FILE BTV.**CHESTER (L) (L) VOR/DME** 115.1 CTR Chan 98 N42°17.48' W72°56.96' 311° 17.2 NM to fld. 1600/13W.

VOR unusable:

248°-274°

LOC/DME 108.3 I-EIF Chan 20 Rwy 26. LOC unmonitored.**PLUM ISLAND** (See NEWBURYPORT on page 135)

PLYMOUTH MUNI (PYM)(KPYM) 4 SW UTC-5(-4DT) N41°54.53' W70°43.66'

NEW YORK
L-33D
IAF

148 B NOTAM FILE PYM

RWY 06-24: H4650X75 (ASPH) S-25, D-64 MIRL

RWY 06: MALSF. PAPI(P4L)—GA 3.0° TCH 40'. Trees.

RWY 24: REIL. PAPI(P4L)—GA 4.0° TCH 40'. Thld displcd 300'. Trees.

RWY 15-33: H4350X75 (ASPH) S-25, D-64 MIRL 0.3% up NW

RWY 15: Trees.

RWY 33: PAPI(P4L)—GA 3.0° TCH 40'. Tree.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 15: TORA-4350 TODA-4350 ASDA-4350 LDA-4350

RWY 33: TORA-4350 TODA-4350 ASDA-4650 LDA-4350

SERVICE: S4 **FUEL** 100LL, JET A **OX** 2, 4 **LGT** ACTVT MALSF Rwy 06; REIL Rwy 24; PAPI Rwy 06, 24 and 33; MIRL Rwy 06-24 and 15-33-122.9.

NOISE: Departing acft encouraged to fly local noise abatement procedures.

AIRPORT REMARKS: Attended 1100-0300Z†. Wildlife on and invof arpt. Be aware of hi-speed military jet and heavy helicopter tfc invof Cape Cod CGAS. No touch and go ldg 0200-1300Z†.

AIRPORT MANAGER: 508-746-2020

WEATHER DATA SOURCES: ASOS 135.625 (508) 732-8358.

COMMUNICATIONS: CTAF/UNICOM 122.725

Ⓡ **BOSTON CONSOLIDATED TRACON APP/DEP CON** 118.2 (1000-0500Z†)

Ⓡ **BOSTON CENTER APP/DEP CON** 128.75 (0500-1000Z†)

CLNC DEL 127.75

CLEARANCE DELIVERY PHONE: For CD ctc Boston Apch at 603-594-5554. When Apch clsd ctc Boston ARTCC at 603-879-6859.

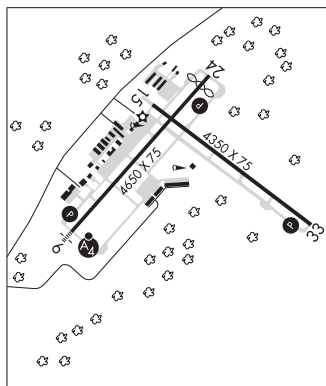
RADIO AIDS TO NAVIGATION: NOTAM FILE BDR.

MARCONI (VH) (DH) VORW/DME 114.7 LfV Chan 94 N42°01.03' W70°02.23' 274° 31.6 NM to fld. 151/16W.

VOR unusable:

245°-250° byd 40 NM

ILS/DME 109.35 I-PYM Chan 30(Y) Rwy 06. Class IT.



PROVINCETOWN MUNI (PVC)(KPVC) 2 NW UTC-5(-4DT) N42°04.34' W70°13.24'

NEW YORK
COPTER
L-33D
IAF

8 B NOTAM FILE PVC

RWY 07-25: H3502X100 (ASPH) S-25 HIRL

RWY 07: MALSF. PAPI(P4R)—GA 3.0° TCH 40'.

RWY 25: REIL. PAPI(P4L)—GA 3.0° TCH 40'. Trees. Rgt tfc.

SERVICE: **FUEL** 100LL **LGT** Actvt MALSF Rwy 07; REIL Rwy 25; PAPI Rwy 07 & 25; HIRL Rwy 07-25-122.85.

AIRPORT REMARKS: Attended May-Oct, dalgt hrs, Nov-Apr, Mon-Sat 1100-2300Z†, Sun 1100-2200Z†. For 100LL fuel avblty—Amgr.

Wildlife on and invof arpt. High spd mil and hel tfc invof Cape Cod CGAS. Ultralight ops na May 1-Sep 30. Prkg fee. Lndg fee arpt.

AIRPORT MANAGER: 508-487-0241

WEATHER DATA SOURCES: AWOS-3PT 119.275 (508) 487-6435.

COMMUNICATIONS: CTAF/UNICOM 122.8

Ⓡ **BOSTON CONSOLIDATED TRACON APP/DEP CON** 118.2 (1000-0500Z†)

Ⓡ **BOSTON CENTER APP/DEP CON** 128.75 (0500-1000Z†)

CLNC DEL 120.65

CLEARANCE DELIVERY PHONE: For CD ctc Boston Apch at 603-594-5554.

When Apch clsd ctc Boston ARTCC at 603-879-6859.

RADIO AIDS TO NAVIGATION: NOTAM FILE BDR.

MARCONI (VH) (DH) VORW/DME 114.7 LfV Chan 94 N42°01.03'

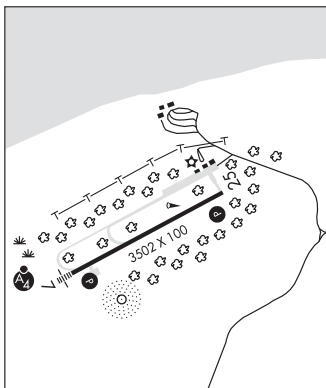
W70°02.23' 308° 8.8 NM to fld. 151/16W.

VOR unusable:

245°-250° byd 40 NM

NDB (MHW) 389 PVC N42°04.13' W70°13.41' at fld. 9/16W. NOTAM FILE PVC.

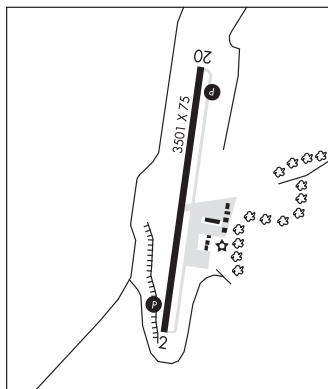
ILS/DME 111.1 I-VQO Chan 48 Rwy 07. Class IB. Unmonitored.



SOUTHBRIDGE MUNI (3B0) 2 N UTC-5(-4DT) N42°06.07' W72°02.33'

NEW YORK
L-33C, 34J
IAP

699 B NOTAM FILE BDR
RWY 02-20: H3501X75 (ASPH) S-28 MIRL 0.3% up N
RWY 02: REIL. PAPI(P4L)—GA 3.0° TCH 40'. Trees.
RWY 20: REIL. PAPI(P4L)—GA 3.5° TCH 45'. Trees.
SERVICE: S4 FUEL 100LL LGT ACTIVATE REIL Rwy 02 and 20; PAPI Rwy 02 and 20; MIRL Rwy 02-20—CTAF.
AIRPORT REMARKS: Attended 1300Z†-dusk.
AIRPORT MANAGER: 508-764-2155
COMMUNICATIONS: CTAF/UNICOM 122.8
 (R) **BRADLEY APP/DEP CON** 119.0 Cinc del thru Bridgeport Radio (BDR) 1-866-293-5149.
RADIO AIDS TO NAVIGATION: NOTAM FILE BDR.
PUTNAM (H) (H) VOR/DME 117.4 PUT Chan 121 N41°57.33' W71°50.65' 329° 12.3 NM to fld. 652/14W.
 DME unusable:
 265°-301° byd 36 NM blo 3,000'



SPENCER (60M) 2 NE UTC-5(-4DT) N42°17.43' W71°57.88'

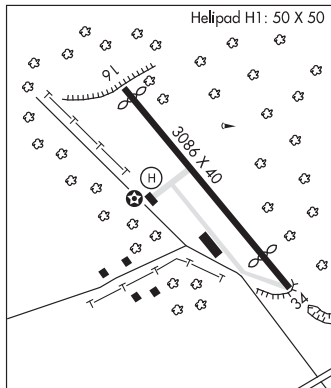
NEW YORK

1043 TPA—1843(800) NOTAM FILE BDR
RWY 01-19: H1898X50 (ASPH)
RWY 01: Trees.
RWY 19: Trees.
AIRPORT REMARKS: Attended Mon-Sat 1400-2300Z†. Ctc amgr PPR for tsnt acft. Rwy 01-19 sfc cond poor. Ruts and bumps on rwy and twy may create a haz cond to certain types of acft.
AIRPORT MANAGER: 508-344-8930
COMMUNICATIONS: CTAF/UNICOM 123.0 Cinc del thru Bridgeport Radio (BDR) 1-866-293-5149.
CLEARANCE DELIVERY PHONE: For CD ctc Yankee Apch at 860-386-3597.

STERLING (3B3) 2 SW UTC-5(-4DT) N42°25.56' W71°47.57'

NEW YORK
L-33C, 34J

459 B NOTAM FILE BDR
RWY 16-34: H3086X40 (ASPH) S-8 LIRL(NSTD) 0.3% up N
RWY 16: Thld dsplcd 150'. Trees.
RWY 34: Thld dsplcd 500'. Tree.
SERVICE: S2 FUEL 100LL LGT ACTIVATE LIRL Rwy 16-34 and rotating bcn—CTAF. Rwy 16-34 NSTD LIRL; first 190' Rwy 16 unlgtd; first 240' Rwy 34 unlgtd.
AIRPORT REMARKS: Attended Thu-Sun 1300-2300Z†. Wildlife invof arpt. Glider ops in vicinity of arpt SR-SS daily. Intensive glider activity on weekends. Gldrs only R tfc Rwy 16.
AIRPORT MANAGER: 978-422-8860
COMMUNICATIONS: CTAF 122.9 Cinc del thru Bridgeport Radio (BDR) 1-866-293-5149.
CLEARANCE DELIVERY PHONE: For CD ctc Yankee Apch at 860-386-3597
RADIO AIDS TO NAVIGATION: NOTAM FILE BDR.
GARDNER (L) (L) VOR/DME 116.95 GDM Chan 116(Y) N42°32.76' W72°03.49' 135° 13.8 NM to fld. 1280/14W.



• • • • •
HELIPAD H1: H50X50 (ASPH)

STOGE N42°07.18' W71°07.71' NOTAM FILE OWD.

NEW YORK
L-33D, 34J

NDB (LOWW) 397 OW 350° 4.7 NM to Norwood Meml. 181/15W.

STOW

MINUTE MAN AIR FLD (6B6) 2 N UTC-5(-4DT) N42°27.62' W71°31.08'

NEW YORK
L-33C, 34J
IAP

280 B TPA—See Remarks NOTAM FILE BDR

RWY 03-21: H3110X48 (ASPH) S-12.5 LIRL

RWY 03: Hill.

RWY 21: REIL. PAPI(P2L)—GA 3.5° TCH 24'. Trees.

RWY 12-30: 1600X40 (TURF) 0.3% up NW

RWY 12: Trees.

RWY 30: Trees.

SERVICE: S4 FUEL 100LL LGT ACTVT REIL Rwy 21—CTAF.

NOISE: Noise abatement procedures in effect notify arpt manager

978-897-3933 of intention to opr between 0400-1100Z‡.

AIRPORT REMARKS: Attended 1400-2100Z‡. Before using Rwy 12-30 call arpt mgr to determine rwy conds. Tree obstruction in apch, primary and transition surfaces Rwy 03 and Rwy 12-30. TPA—for light acct 1032' AGL.

AIRPORT MANAGER: 978-897-3933

COMMUNICATIONS: CTAF/UNICOM 122.8

Ⓡ **BOSTON APP/DEP CON** 124.4 Cinc del thru Bridgeport Radio (BDR)

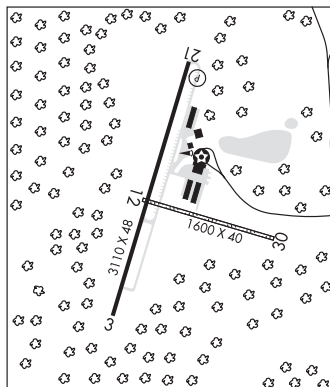
1-866-293-5149.

CLEARANCE DELIVERY PHONE: For CD ctc Boston Apch at 603-594-5552.

RADIO AIDS TO NAVIGATION: NOTAM FILE MHT.

MANCHESTER (L) (L) VORW/DME 114.4 MHT Chan 91 N42°52.11'

W71°22.17' 210° 25.3 NM to fld. 470/15W.



TANNER-HILLER (See BARRE/BARRE PLAINS on page 120)

TAUNTON MUNI – KING FLD (TAN)(KTAN) 3 E UTC-5(-4DT) N41°52.47' W71°00.98'

NEW YORK
L-33D
IAP

42 B NOTAM FILE TAN

RWY 12-30: H3500X75 (ASPH) S-21 MIRL

RWY 12: Trees.

RWY 30: REIL. PAPI(P4R)—GA 4.0° TCH 45'. Trees.

RWY 04-22: 1900X60 (TURF-GRVL)

RWY 04: Trees.

RWY 22: Trees.

SERVICE: S4 FUEL 100LL, JET A+ LGT Actvt PAPI Rwy 30; MIRL Rwy 12-30; lgtd windsock—CTAF.

AIRPORT REMARKS: Attended 1300-2200Z‡. Parachute jumping. Caution wildlife, deer and geese on or in/ovf arpt and rwys. Rwy 04-22 surface rough and loose stones. Avoid flying over the elementary school at DER 30. Helicopters avoid overflight of densely populated areas west and south of arpt.

AIRPORT MANAGER: 508-821-2973

WEATHER DATA SOURCES: ASOS 132.675 (508) 824-5005.

COMMUNICATIONS: CTAF/UNICOM 122.7

Ⓡ **PROVIDENCE APP/DEP CON** 128.7 (Sun-Fri 1030-0530Z‡, Sat

1030-0500Z‡) other times ctc

BOSTON CENTER APP/DEP CON 124.85

CLEARANCE DELIVERY PHONE: For CD ctc Providence Apch at 401-738-8945, when Apch clsd ctc Boston ARTCC at 603-879-6859.

RADIO AIDS TO NAVIGATION: NOTAM FILE PVD.

PROVIDENCE (H) (DH) VORW/DME 115.6 PVD Chan 103 N41°43.46' W71°25.78' 078° 20.6 NM to fld. 49/14W.

VOR unusable:

085°-105° byd 12 NM blo 5,500'

085°-105° byd 8 NM blo 3,000'

106°-294° byd 30 NM blo 3,000'

295°-330° byd 30 NM blo 6,000'

331°-084° byd 30 NM blo 3,000'

DME unusable:

085°-105° byd 12 NM blo 5,500'

085°-105° byd 8 NM blo 3,000'

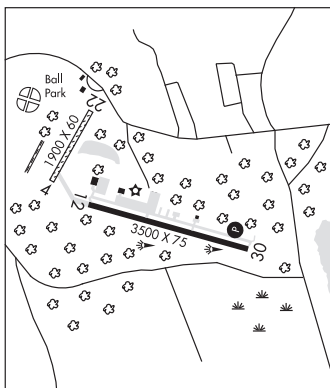
106°-152° byd 11 NM blo 2,000'

106°-152° byd 20 NM blo 4,000'

153°-294° byd 30 NM blo 3,000'

295°-330° byd 30 NM blo 6,000'

331°-084° byd 30 NM blo 3,000'



TURNERS FALLS (See MONTAGUE on page 133)

VINEYARD HAVEN

MARTHA'S VINEYARD (MVY)(KMYV) 3 S UTC-5(-4DT) N41°23.61' W70°36.83'

NEW YORK
H-10J, 12K, L-33D
IAF, AD

67 B ARFF Index—See Remarks NOTAM FILE MVY

RWY 06-24: H5504X100 (ASPH-GRVD) S-65, D-108, 2S-137,
2D-185 PCN 29 F/A/X/T HIRL

RWY 06: REIL. PAPI(P4R)—GA 3.0° TCH 53'. RVR-R Trees.

RWY 24: MALSR. PAPI(P4R)—GA 3.0° TCH 52'. RVR-T Rgt tfc.

RWY 15-33: H3327X75 (ASPH) S-31, D-45, 2D-61 PCN 16 F/A/X/T
MIRL 0.3% up NW

RWY 15: Trees.

RWY 33: REIL. Trees. Rgt tfc.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 06: TORA-5504 TODA-5504 ASDA-5504 LDA-5504

RWY 15: TORA-3327 TODA-3327 ASDA-3327 LDA-3327

RWY 24: TORA-5504 TODA-5504 ASDA-5504 LDA-5504

RWY 33: TORA-3327 TODA-3327 ASDA-3327 LDA-3327

SERVICE: S2 **FUEL** 100LL, JET A **LGT** When ATCT clsd ACTVT MALSR

Rwy 24; REIL Rwy 33; HIRL Rwy 06-24; MIRL Rwy 15-33—CTAF.

NOISE: Arpt has noise abatement procs. Ctc opns 508-693-7022. Avoid residential areas SW of arpt.

AIRPORT REMARKS: Attended continuously. Class I, ARFF Index B. 24 hr

PPR for unsked acr ops with more than 9 pax seats call AMGR

508-693-7022. Rwy 15-33 not avbl for skedd acr ops more than 9

pax seats or unsked acr ops at least 31 pax seats. Twy D clsd to acft with ovr 9 psgrs. Parking fee all acft. Ldg fee all acft over 4000 lbs.

AIRPORT MANAGER: 508-693-7022

WEATHER DATA SOURCES: ASOS 126.25 (508) 696-6988.

COMMUNICATIONS: CTAF 121.4 ATIS 126.25 (508) 693-7685 **UNICOM** 122.95

Ⓡ **BOSTON APP/DEP CON** 133.75 (1000-0500Z‡)

CLNC DEL 119.7 (When twr clsd)

Ⓡ **BOSTON CENTER APP/DEP CON** 128.75 (0500-1000Z‡).

VINEYARD TOWER 121.4 (May 15-Oct 31 1100-0300Z‡, Nov 1-May 14 1200-2200Z‡)

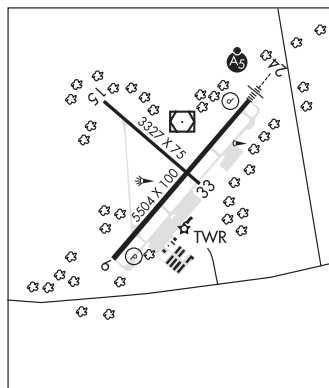
GND CON 124.35 **CLNC DEL** 124.35

AIRSPACE: CLASS D svc May 15-Oct 31 1100-0300Z‡, Nov 1-May 14 1200-2200Z‡; other times CLASS G.

RADIO AIDS TO NAVIGATION: NOTAM FILE MVY.

MARTHA'S VINEYARD (L) (L) VORW/DME 114.5 MVY Chan 92 N41°23.77' W70°36.76' at fld. 62/15W.

ILS/DME 108.7 I-MVY Chan 24 Rwy 24. Class IE. Unmonitored when ATCT clsd. Autopilot cpd apchs NA blw 300' MSL.



WALTER J KOLADZA (See GREAT BARRINGTON on page 128)

WESTFIELD-BARNES RGNL (See WESTFIELD/SPRINGFIELD on page 143)

WESTFIELD/SPRINGFIELD

WESTFIELD—BARNES RGNL (BAF)(KBAF) P (ANG ARNG) 3 N UTC-5(-4DT)

NEW YORK

H-101, 11D, 12K, L-33C, 34J
IAP, AD

N42°09.48' W72°42.95'

270 B TPA—See Remarks LRA Class IV, ARFF Index A NOTAM FILE BAF

RWY 02-20: H9000X150 (ASPH-GRVD) S-75, D-160, 2S-175, 2D-240 PCN 58 R/B/W/T
HIRL

RWY 02: PAPI(P4L)—GA 3.0° TCH 50'. Trees.

RWY 20: MALSR. PAPI(P4L)—GA 3.0° TCH 50'. RVR-T Trees.

RWY 15-33: H5000X75 (ASPH-GRVD) S-51, D-60, 2D-155 PCN 26 F/A/X/U MIRL 0.3% up NW

RWY 15: REIL. PAPI(P4L)—GA 3.5° TCH 41'. Thld splcd 490'. Trees.

RWY 33: PAPI(P4L)—GA 4.0° TCH 42'. Trees.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 02: TORA-9000 TODA-9000 ASDA-9000 LDA-9000

RWY 15: TORA-5000 TODA-5000 ASDA-4508 LDA-4510

RWY 20: TORA-9000 TODA-9000 ASDA-8919 LDA-8919

RWY 33: TORA-5000 TODA-5000 ASDA-5000 LDA-5000

ARRESTING GEAR/SYSTEM

RWY 02 BAK-14 BAK-12B(B) (1420 FT).

BAK-14 BAK-12B(B) (1450 FT). RWY 20

SERVICE: S4 FUEL 100LL, JET A OX1, 2 LGT Dusk-Dawn; When ATCT clsd ACTVT MALSR Rwy 20; PAPI Rwy 15; HIRL Rwy 02-20; MIRL Rwy 15-33—CTAF. PAPI Rwy 33 opr consly. Rwy 15 VGSI unusbl byd 4 NM. MILITARY—A-GEAR Req thru twr dur twr opr hr, when twr clsd req thru ANG CP, Whip on UHF 309.0. Rwy 02-20, mil acct arst barriers may fail in the up posn. Verify status of barriers prior to ldg. Hvy acct should avoid ldg drctly on arst barrier. Rwy grooving for sfc drainage wi 10 ft N and S of both arst syss. JASU 1(MC-1A) 4(MC-2A) 5(M-32A-60A) FUEL A, (C413-562-4999, Avbl 1200-0200Z±; OT PPR 413-627-9901, \$75 callout fee) (NC-100LL) FLUID SP PRESAIR LPOX LOX OIL O-148 (Mil) SOAP

NOISE: Acft and hel noise abatement procs in effect—AMGR.

AIRPORT REMARKS: Attended 1200-0000Z±. Birds and other wildlife on and infov arpt. Fuel avbl 1200-0000Z±; svc aft 0000Z± PPR 413-485-0078. Severe downdraft AER 33 when wind NW in excess of 15 kts. Birds and other wildlife on and infov arpt. Rwy 15-33 not avbl for skedd acr ops more than 9 pax seats or unsked acr ops at least 31 pax seats. Twy G clsd to civ ops. Be aware wing tip clearance south runup/D—arm pad twy centerline markings for F-15 acft only.

TPA-1300 (1029) lgt acct; 1800 (1529) hvy and mil acct. Expc mil ovhd and clsd pat tfc. PPR 24 hr for acr ops with more than 9 pax-AMGR. Jet acct starting units avbl. Rwy 02-20 military acct arst barriers may fail in the up position. Sml GA acct should use ctn, spcly at ngt, and if poss cfm the actual sts of the barriers prior to ldg. Rwy 02-20 200 ft ovrn NE end and SW end. Cold temperature airport. Altitude correction required at or below -21C. Ldg fee for coml, corporate; acct ovr 7500 lbs. Flight Notification Service (ADCUS) avbl.

AIRPORT MANAGER: 413-572-6275

WEATHER DATA SOURCES: ASOS 127.1 (413) 568-2267. LAWRS.

COMMUNICATIONS: CTAF 118.9 ATIS 127.1 413-572-4561

® BRADLEY APP/DEP CON 125.35 CLNC DEL 121.7 (0300-1200Z±)

WESTFIELD TOWER 118.9 (1200-0300Z±) GND CON 121.7

CLEARANCE DELIVERY PHONE: For CD when ATCT clsd, ctc Bradley Apch at 860-386-3597.

AIRSPACE: CLASS D svc 1200-0300Z±; other times CLASS G.

RADIO AIDS TO NAVIGATION: NOTAM FILE BAF.

BARNES (VL) (L) VORTACW 113.0 BAF Chan 77 N42°09.72' W72°42.97' at fld. 267/14W.

TACAN AZIMUTH unusable:

310°-340° byd 25 NM blo 6,500'

VOR unusable:

000°-030° byd 40 NM

030°-050° byd 30 NM

040°-089° byd 40 NM

090°-100° byd 40 NM blo 4,000'

090°-100° byd 46 NM

101°-112° byd 40 NM blo 18,000'

113°-205° byd 40 NM

215°-240° byd 40 NM

241°-251° byd 40 NM blo 18,000'

249°-260° byd 10 NM blo 10,000'

252°-360° byd 40 NM

310°-340° byd 25 NM blo 6,500'

DME unusable:

310°-340° byd 25 NM blo 6,500'

ILS 111.9 I-BAF Rwy 20. Class IA. Unmonitored when ATCT clsd. LOC unusable byd 25° left and r of course

WESTOVER ARB/METRO (CEF)(KCEF) MIL/CIV AF 3 NE UTC-5(-4DT) N42°11.64' W72°32.09'

NEW YORK
H-101, 11D, 12K, L-33C, 34J
DIAP, AD

241 B TPA—See Remarks LRA Class IV, ARFF Index A NOTAM FILE CEF

RWY 05-23: H11597X300 (ASPH) 2S-175, C5-840 PCN 56 R/B/W/T HIRL

RWY 05: ALSF1. PAPI(P4L)—GA 3.0° TCH 72'. RVR-T Thld dsplcd 1202'. Rgt tfc.

RWY 23: ALSF1. PAPI(P4L)—GA 3.0° TCH 64'. RVR-T

RWY 15-33: H7085X150 (ASPH) PCN 28 R/C/W/T HIRL

RWY 15: PAPI(P4L)—GA 3.0° TCH 77'.

RWY 33: PAPI(P4L)—GA 3.0° TCH 75'. RVR-T Rgt tfc.

SERVICE: **FUEL** 100LL, JET A **LGT** When ATCT clsd actvt ALSF1 Rwy 05 & 23; PAPI Rwy 05, 15, 23 & 33; HIRL Rwy 05-23 & Rwy 15-33—CTAF. Arpt bcn opr dusk-0400Z. Airfield lgts not avbl 0400-1200Z. Clear side is split. Dalg turned on when airfield is IFR. PCL only auth with 5 hr PPR to metro FBO. Rwy 23 PAPI unusbl byd 6 deg R. PAPI all rwy provides proper TCH for hgt GP4 acft only. PAPI off dur opr hr periods of no tfc. Rwy 05 ALSF-1 SFL portion OTS UFN. **TRAN ALERT** Fleet svc for tran acft unavbl wkend and M-F 2030-0400Z without prior apvl fr AMOPS DSN 589-2951. CTC DSN 589-2951 for availability.

AIRPORT REMARKS: Attended Mon-Fri 1300-0400Z Sat-Sun 1400-2200Z. Fuel opr hrs 1200-0400Z wkdays, 1200-2000Z Sat-Sun exc hol. VMC dep acft remain at or blo 1000' til past dep end of rwy to ensure separation from VFR overhead and clsd pat tfc. Strobe lgt located atop stacks 4000' left Rwy 23 thld; occasional steam cloud. Uncontrolled vehicle tfc on ramps and twy. Rwy 05-23 1000' ovrn both ends of rwy. Heavy VFR tfc blo 10,000' along river and highway 5 NM southwest of afld. Lgt acft tfc, hang glider ops and hot air ballooning activity along river west and northwest of arpt. CEF is a joint-use afld. IFR tkof & ldg as prescribed by USAF reg apply call afld mgr C413-557-2944 for clarification. Civ trng ltd to low apchs only; TGL not auth. TPA rectangular tfc pat: 1000' AGL lgt acft, 2000' AGL large/heavy acft; overhead: 2500' AGL. Rwy 15 wind data est avbl at all times. Rwy 15 no RVR avbl. Assault strip mrk painted 3000 ft x 60 ft on Rwy 15-33. Ldg fee.

MILITARY REMARKS: Opr 1300-0400Z Mon-Fri; 1400-2200Z Sat; 1800-0200Z Sun; clsd hol. Acft on a JA/ATT, JCS, tactical exer, mil chtr mission ctc 439 LRS/LGRDX DSN 589-3318/3125 to coord support rqmnts. Lgrdx will arrng all rprd support. SAAM Missions CDN will be with airfield mgr DSN 589-2944. **RSTD** Westover ARB is a joint-use afld. IFR tkf and ldg minimums are prescribed by USAF regulations apply. Call arpt mgr at C413-593-5543 for clarification. PPR DSN 589-2951, C413-557-2951, fax exten 2156. AMC, AMC-GAINED and AFRC acft opr rstd dur Bird Watch Conditions Moderate (tkf or ldg permissions only when dep/arr rte avoid identified bird activity, no lcl tfc pat activity) and Severe (tkf and ldg prohibited without OG/CC apvl), ctc PTD/ATIS for current Bird Watch Condition Code. Civ trng ltd to low apchs only. Civ pilots are reminded to check mil NOTAMS by visiting the Federal NOTAM System (FNS) Website (<https://NOTAMS.AIM.FAA.GOV/NOTAMSEARCH/>) or contacting flight service. Aft hrs dep/arr 24 hr PPR notice 413-593-5543. **CAUTION** VMC departing acft remain at or blo 1000' until past departure end of rwy to ensure separation from VFR overhead and clsd pat tfc. Strobe lgt lctd atop stacks 4000' left Rwy 23 thld, ocnl steam cloud. Unctld vehicular tfc on ramps and twys. Potential for hydroplaning after any precipitation. Ponding at int Rwy 05-23 and Rwy 15-33 measured in 1/10th inches. See NOTAMS for KCEF. Heavy VFR tfc blo 10,000' along river and highway 5 NM SW afld. Lgt acft tfc, hang glider ops and hot air ballooning activity along river West and NW of arpt. Extv hang glider and glider in the Mt. Greylock area aprx 45 NM NW of fld. Unlighted obst west side Rwy 05 clearance zone. Eastside pad 19, pad 33 and Twy L do not have paved shoulders. **TFC PAT** TPA rectangular lgt acft 1000', large/heavy acft 2000', overhead 2500'. **CSTMS/AG/IMG** Pilot must arng cust 860-292-1314.

AIRPORT MANAGER: 413-593-5543

CONTINUED ON NEXT PAGE

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COMMUNICATIONS: CTAF 134.85 ATIS 127.525 (1200-0400Z) UNICOM 122.95 PTD 372.2

® BRADLEY APP/DEP CON 125.35 281.5

TOWER 134.85 348.75 (1200-0400Z) GND CON 118.35 275.8

COMD POST 439 AW (CASINO ROYALE) 252.1 (Opr 24 hrs)

PMSV METRO 274.75 Full svc 1100-0400Z Mon-Fri; 1100-2200Z Sat; 1500-0200Z Sun; clsd hol; DSN 589-2879, OT ctc 15th OWS DSN 576-9755. Ngt obstn ltd due to hi instst scty lgts. Aflld wx is mnt by AN/FMQ-19. Automated obs are qlty ctdld for accuracy durg ATC flying hrs.

CLEARANCE DELIVERY PHONE: When ATCT clsd, for CD ctc Bradley Apch 860-386-3580.

AIRSPACE: CLASS D svc 1200-0400Z; other times CLASS G.

RADIO AIDS TO NAVIGATION: NOTAM FILE CEF.

(L) TACAN Chan 87 CEF (114.0) N42°11.85' W72°31.58' at fld. 240/14W.

No NOTAM MP 1600-1900Z Wed and Fri

TACAN AZIMUTH unusable:

001°-089° byd 35 NM blo 7,000'

090°-110° blo 8,000'

111°-180° byd 20 NM blo 7,000'

220°-240° byd 24 NM blo 4,000'

305°-320° byd 15 NM blo 4,000'

DME unusable:

001°-089° byd 20 NM blo 7,000'

090°-110° blo 8,000'

111°-180° byd 20 NM blo 7,000'

220°-240° byd 24 NM blo 4,000'

305°-320° byd 15 NM blo 4,000'

BARNES (VL) (L) VORTACW 113.0 BAF Chan 77 N42°09.72' W72°42.97' 091° 8.3 NM to fld.

267/14W. NOTAM FILE BAF.

TACAN AZIMUTH unusable:

310°-340° byd 25 NM blo 6,500'

VOR unusable:

000°-030° byd 40 NM

030°-050° byd 30 NM

040°-089° byd 40 NM

090°-100° byd 40 NM blo 4,000'

090°-100° byd 46 NM

101°-112° byd 40 NM blo 18,000'

113°-205° byd 40 NM

215°-240° byd 40 NM

241°-251° byd 40 NM blo 18,000'

249°-260° byd 10 NM blo 10,000'

252°-360° byd 40 NM

310°-340° byd 25 NM blo 6,500'

DME unusable:

310°-340° byd 25 NM blo 6,500'

ILS 109.9 I-GWJ Rwy 05. Class IE. Unmonitored when ATCT clsd. No NOTAM MP 1100-1600Z Mon and Wed.

ILS 109.9 I-CEF Rwy 23. Class IE. Mnt 1200-0400Z. No NOTAM MP 1100-1600Z Mon and Wed.

Unmonitored when ATCT clsd.

COMM/NAV/WEATHER REMARKS: ATCT ops extns/ireg hrs by NOTAM. ATIS No NOTAM MP Thu 1400-1600Z.

WORCESTER RGNL (ORH)(KORH) 3 W UTC-5(-4DT) N42°16.03' W71°52.54'

NEW YORK

1009 B LRA Class I, ARFF Index B NOTAM FILE ORH

H-101, 11D, 12K, L-33C, 34J

RWY 11-29: H7001X150 (ASPH-GRVD) S-120, D-250, 2S-138,

2D-550 PCN 89 F/C/W/T HIRL CL

RWY 11: ALSF2. TDZL. PAPI(P4R)—GA 3.0° TCH 55'. RVR-TR Hill.

RWY 29: REIL. PAPI(P4L)—GA 3.0° TCH 54'. RVR-TR

RWY 15-33: H5000X100 (ASPH-GRVD) S-85, D-120, 2S-138,

2D-210 PCN 35 F/C/W/T MIRL

RWY 15: REIL. VASI(V4L)—GA 3.6° TCH 42'. Antenna.

RWY 33: REIL. PAPI(P4L)—GA 3.0° TCH 40'.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 11: TORA-7001 TODA-7001 ASDA-7001 LDA-7001

RWY 15: TORA-5000 TODA-5000 ASDA-5000 LDA-5000

RWY 29: TORA-7001 TODA-7001 ASDA-7001 LDA-7001

RWY 33: TORA-5000 TODA-5000 ASDA-5000 LDA-5000

ARRESTING GEAR/SYSTEM

RWY 11: EMAS

RWY 29: EMAS

SERVICE: S4 FUEL 100LL, JET A LGT Actvt REIL Rwy 15, 29 and 33;

HIRL Rwy 11-29; MIRL Rwy 15-33—CTAF. Rwy 11 ALSF-2 becomes

SSALS preset on med instst only when twr clsd. Rwy 15 VASI unubl byd 9° left of crs.

AIRPORT REMARKS: Attended continuously. Wildlife and birds on and invof arpt. Use cttn for arpt vehicles mnt CTAF and operg on arpt durg non twr hrs. Rwy guard lgts installed on all twy to rwy intersections, Rwy 11-29 only. EMAS 170' wide, 154' length located at DER 11. EMAS 170' wide, 300' length located at DER 29. Ldg fee for multi-eng acft and lrg. Flight Notification Service (ADCUS) available. 2 hours advance notice for customs.

AIRPORT MANAGER: 508-849-5550

WEATHER DATA SOURCES: ASOS (508) 795-7546

COMMUNICATIONS: CTAF 120.5 ATIS 126.55 (508) 757-0962 UNICOM 122.95

RCO 122.2 (BRIDGEPORT RADIO)

Ⓡ **BRADLEY APP/DEP CON** 119.0 **CLNC DEL** 119.0 (0200-1130Z†)

TOWER 120.5 (1130-0200Z†) **GND CON** 123.85 **CLNC DEL** 128.65

AIRSPACE: CLASS D svc 1130-0200Z†; other times CLASS E.

VOR TEST FACILITY (VOT) 108.2

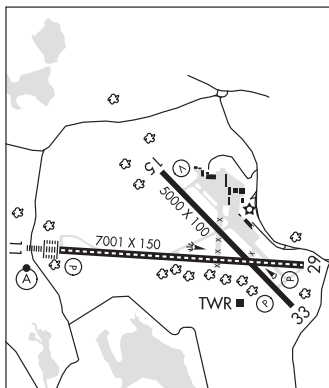
RADIO AIDS TO NAVIGATION: NOTAM FILE BDR.

GARDNER (L) (L) VOR/DME 116.95 GDM Chan 116(Y) N42°32.76' W72°03.49' 168° 18.6 NM to fld. 1280/14W.

ILS/DME 110.9 I-RSR Chan 46 Rwy 11. Class III/E. Unmonitored when ATCT closed. DME unusable byd 12° left of course; byd 13 NM; byd 25° right of course.

ILS/DME 110.9 I-EKW Chan 46 Rwy 29. Class IB. Unmonitored when ATCT clsd. Glideslope unusable for coupled apchs blo 1,266' MSL. LOC unusable byd 25° left and byd 25° right of course.

COMM/NAV/WEATHER REMARKS: Durg sn removal ops, 30 min PPR, freq 120.50 durg twr hrs, freq 119.0 durg non twr hrs or call 508-799-1325. Tsnt acft ctc FBO on 122.95 for svcs.



ALTON BAY SPB (B18) 2 N UTC-5(-4DT) N43°28.66' W71°14.22'

NEW YORK

504 NOTAM FILE BGR

WATERWAY 01W-19W: 2600X100 (WATER)**WATERWAY 01W:** Bldg.**SEAPLANE REMARKS:** Unattended. Rwy 01W-19W has ice in winter plowed to aprxly 2730'. Ck NOTAMS for ice rwy conds.

Tkof and ldg using Rwy 19W prohibited Jan-Mar. Rwy 01W thld aprxly 100 ft NE of floating bandstand. All seaplane tkofs and ldgs must be N of the bandstand. All tvl S of the bandstand must not exceed headway spd. Rwy 01W-19W P-line marked with orange balls 1000' south of thld at south end, less than 30' height along roadway. For seaplane prkg and ice rwy conds call amgr (603) 545-2315.

AIRPORT MANAGER: 603-545-2315**COMMUNICATIONS:** CTAF/UNICOM 122.8**CLEARANCE DELIVERY PHONE:** For CD ctc Boston Apch 603-594-5552.**BERLIN RGNL** (BML)(KBML) 7 N UTC-5(-4DT) N44°34.52' W71°10.56'

MONTREAL

1161 B NOTAM FILE BML

H-11D, L-32H

RWY 18-36: H5200X100 (ASPH) S-53, D-82, 2S-104, 2D-140

IAP

HIRL 0.5% up N

RWY 18: REIL. PAPI(P4L)—GA 3.5° TCH 65'. Trees.**RWY 36:** REIL. Trees.**SERVICE:** S2 **FUEL** 100LL, JET A **LGT** ACTVT REIL Rwy 18 and 36, PAPI Rwy 18, HIRL Rwy 18-36—CTAF.**AIRPORT REMARKS:** Attended 1300-2100Z±. Wildlife on and invof arpt. Self-serve 100LL avbl 24 hrs with credit card system. For Jet A aft hrs call 603-915-0214. Cold temperature airport. Altitude correction required at or below -29C. Obsn lgts on ant poles; hazard bcns on surrounding hills. Corporate and chtr acft ldg fee for all piston, turboprop and jet acft. Ldg fee waived with fuel purchase and ovngt prkg, corporate and chtr acft ovngt prkg fee. Ctc amgr.**AIRPORT MANAGER:** 603-449-2168**WEATHER DATA SOURCES:** ASOS 135.175 (603) 449-3328.**COMMUNICATIONS:** CTAF/UNICOM 122.7**RCO** 122.35 (BANGOR RADIO)® **BOSTON CENTER APP/DEP CON** 135.7**CLEARANCE DELIVERY PHONE:** For CD if una to ctc on FSS freq, ctc Boston

ARTCC at 603-879-6859.

RADIO AIDS TO NAVIGATION: NOTAM FILE BML.(H) **DME** 116.55 BML Chan 112(Y) N44°38.01' W71°11.17' 173° 3.5 NM to fld. 1730.

DME unusable:

080°-125° blo 10,000'

188°-198° blo 10,000'

275°-292° blo 10,000'

**BOIRE FLD** (See NASHUA on page 156)**BRISTOL****NEWFOUND VALLEY** (2N2) 1 W UTC-5(-4DT) N43°35.52' W71°45.09'

NEW YORK

510 NOTAM FILE BGR

RWY 03-21: H1900X40 (ASPH)**RWY 03:** Trees.**RWY 21:** Trees.**AIRPORT REMARKS:** Unattended. Wildlife on & invof arpt. Call amgr in winter for current rwy conds 603-744-8334. Rwy 03 rwy designator unrdbl. Rwy 21 rwy designator and cntrln unrdbl.**AIRPORT MANAGER:** 603-744-8334**COMMUNICATIONS:** CTAF 122.9**CLEARANCE DELIVERY PHONE:** For CD ctc Boston Apch at 603-594-5552.

CLAREMONT MUNI (CNH)(KCNH) 1 W UTC-5(-4DT) N43°22.23' W72°22.09'

NEW YORK

543 B NOTAM FILE BGR

L-32G

RWY 11-29: H3098X75 (ASPH) S-30 PCR 383 F/A/X/T MIRL

IAP

0.3% up E

RWY 29: REIL. PAPI(P2L)—GA 4.0° TCH 31'.

SERVICE: S2 **FUEL** 100LL **LGT** Rotg bcn dfclt to see fm the N when foliage is on the trees. Actvt REIL Rwy 29; MIRL Rwy 11-29—CTAF.

AIRPORT REMARKS: Attended Mon-Fri 1500-2100Z. For arpt svcs, call 603-542-2282. Wildlife on and in vof arpt. Fuel self svc 24 hrs by credit card. Expect downdraft on apch to Rwy 29. Tkof, Indg, and tax on unpaved areas prohibited. Cold temperature airport. Altitude correction required at or below -25C. Haz bcns on surrounding hills.

AIRPORT MANAGER: (603) 542-5156

COMMUNICATIONS: CTAF/UNICOM 122.7

Ⓡ BOSTON CENTER APP/DEP CON 134.7

CLEARANCE DELIVERY PHONE: For CD ctc Boston ARTCC at 603-879-6859.

RADIO AIDS TO NAVIGATION: NOTAM FILE BGR.

NDB (MHW) 233 CNH N43°22.15' W72°22.27' at fld.

528/16W.

NDB unusable:

005°-049° byd 20 NM

050°-004° byd 15 NM

LEBANON (L) DME 113.7 LEB Chan 84 N43°40.73' W72°12.96'

200° 19.7 NM to fld. 1443. NOTAM FILE

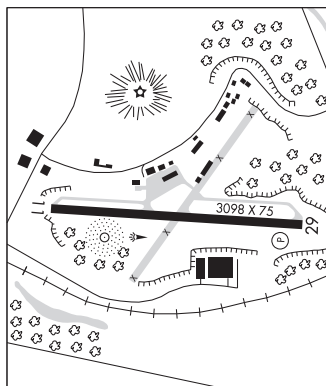
LEB.

DME unusable:

045°-075° byd 36 NM blo 10,000'

091°-119° byd 30 NM blo 7,500'

161°-304° byd 30 NM blo 6,300'



COLEBROOK

GIFFORD FLD (4C4) 1 SW UTC-5(-4DT) N44°53.25' W71°30.46'

MONTREAL

1017 NOTAM FILE BGR

RWY 04-22: 2423X60 (TURF) 0.5% up NE

RWY 04: Thld dspclcd 433'. Trees.

RWY 22: Road.

AIRPORT REMARKS: Unattended. Rwy 04-22 CLOSED Nov-May exc ski acft. Call 603-237-4914 for afld conditions. Rwy 04-22 strip soft in spring. DT wet areas all year. Road traverses rwy 425' from Rwy 04 thld. Rwy 04 edges and ends marked with yellow cones. Rwy 04 dspclcd thld marked with three yellow cones aligned perpendicular to each rwy edge. 7' crops immediately west of rwy dur summer. Rwy 22 edges and ends marked with yellow cones.

AIRPORT MANAGER: 603 237-4914

COMMUNICATIONS: CTAF/UNICOM 122.8

CLEARANCE DELIVERY PHONE: For CD ctc Boston ARTCC at 603-879-6859.

CONCORD MUNI (CON)(KCON) P (ARNG) 2 E UTC-5(-4DT) N43°12.16' W71°30.14'

NEW YORK

342 B NOTAM FILE CON

H-11D, 12K, L-32H

RWY 17-35: H6005X100 (ASPH) S-43, D-60 HIRL

RWY 17: PAPI(P4L)—GA 3.0° TCH 50'. Thld displcd 641'. Tree.

RWY 35: MALSR. VASI(V4L)—GA 3.0° TCH 50'. Trees.

RWY 12-30: H3200X75 (ASPH) S-30 MIRL

RWY 12: Trees.

RWY 30: Trees.

SERVICE: S4 **FUEL** 100LL, JET A **LGT** ACTIVATE MALSR Rwy 35,

HIRL Rwy 17-35, MIRL Rwy 12-30—CTAF. **MILITARY—FUEL**

J8(Mil)—PPR (NC-100LL - Avbl H24 with credit card; A - Avbl

1230-2200Z±, OT fone C603-228-2267 and flw prompts.)

AIRPORT REMARKS: Attended 1200-2200Z±, exc Thanksgiving, Christmas,

and New Years Day. Wildlife on and invof arpt. Hvy hel act 1 NM ESE

of arpt 800 ft & blw. Self serve 100LL avbl 24 hrs with credit card.

For Jet A aft hrs call 603-228-2267 & flw prompts. Rwy 35

designated calm wind rwy. Day & ngt VFR hel ops to & fm New

Hampshire State Police hngr. Ops on National Guard twy & ramp

prohibited wo prior cdn due to scety. Mil twy & ramp PCN R/A/W/T. Ops

off paved sfcs prohibited due to conservation mgmt acts. Compass

rose calibrated 2014.

AIRPORT MANAGER: 603-228-2267

WEATHER DATA SOURCES: ASOS 132.325 (603) 224-6558.

COMMUNICATIONS: CTAF/UNICOM 122.7

RCO 122.2 (BANGOR RADIO)

Ⓡ **BOSTON APP/DEP CON** 127.35

CLNC DEL 133.65

CLEARANCE DELIVERY PHONE: For CD ctc Boston Apch at 603-594-5552.

AIRSPACE: CLASS E.

RADIO AIDS TO NAVIGATION: NOTAM FILE CON.

(L) (L) **VORW/DME** 112.9 CON Chan 76 N43°13.19' W71°34.53' 123° 3.4 NM to fld. 715/15W.

VOR unusable:

022°-032° byd 20 NM blo 8,000'

190°-210° byd 12 NM blo 4,000'

318°-326° byd 30 NM blo 12,000'

DME unusable:

022°-032° byd 20 NM blo 8,000'

082°-110° byd 30 NM blo 5,000'

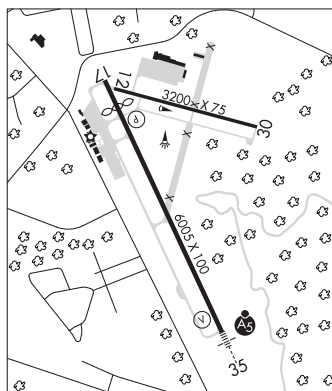
190°-210° byd 12 NM blo 4,000'

290°-300° byd 30 NM blo 7,000'

318°-326° byd 30 NM blo 12,000'

EPSOM NDB (LOM) 216 CO N43°07.13' W71°27.16' 353° 5.5 NM to fld. NDB unusable byd 20 NM.

ILS 108.7 I-CON Rwy 35. Class IA. LOM EPSOM NDB. NDB unusable byd 20 NM.



DEAN MEML (See HAVERHILL on page 151)

DILLANT/HOPKINS (See KEENE on page 152)

EPSOM N43°07.13' W71°27.15' NOTAM FILE CON.

NEW YORK

NDB (MHW/LOM) 216 CO 353° 5.5 NM to Concord Muni. 355/16W.

L-32H, 33D

NDB unusable:

Byd 20 NM

ERROL (ERR)(KERR) 1 NW UTC-5(-4DT) N44°47.53' W71°09.87' **MONTREAL**
 1248 TPA—2048(800) NOTAM FILE BGR
RWY 15-33: 3600X60 (GRVL) 0.3% up SE
RWY 15: Trees.
AIRPORT REMARKS: Unattended. For arpt information and conditions, call 603-482-3320. Wildlife on and invof arpt. Regular construction vehicle tfc on roadway at Rwy 33 end. 1:1 clearance slope. Rwy 15-33: Rwy soft in spring. Lrg patches of grass on rwy.
AIRPORT MANAGER: 603-616-8602
COMMUNICATIONS: CTAF/UNICOM 122.8
CLEARANCE DELIVERY PHONE: For CD ctc Boston ARTCC at 603-879-6859.
 * * * * *

HELIPAD H1: H61X61 (ASPH)
HELIPAD H1: Trees.
HELIPORT REMARKS: ACTIVATE helipad flood lgt and lighted windcone—CTAF.

FITZY N42°51.85' W71°31.73' NOTAM FILE MHT. **NEW YORK**
NDB (LOWW) 209 MJ 060° 5.8 NM to Manchester Boston Rgnl. 234/15W.

FRANCONIA (1B5) 2 S UTC-5(-4DT) N44°11.76' W71°45.04' **MONTREAL**
 975 NOTAM FILE BGR
RWY 18-36: 2300X150 (TURF) 0.9% up S
RWY 18: Trees.
RWY 36: Pole. Rgt tfc.
NOISE: Tkofs and ldgs not adzd fm dusk to 1400Z† for voluntary noise abatement.
AIRPORT REMARKS: Attended May-Oct Sat-Sun 1500-2300Z†. Also atndd on wkday hols. Ctc amgr for non-hol wkday atndnc. Wildlife on and invof arpt. Glider opr invof arpt. For arpt conditions call 603-823-5034. Rwy soft in spring. First 200 ft of Rwy 18 rough. Avoid flying over residential area at departure end Rwy 18 during both takeoff and landing, avoid low alt and/or high power settings in this area. 4' tall fence 92' fm Rwy 36 L to R of cntrln. Rwy 36 Rgt tfc: L pat for gldrs. In case of emergency ctc New Hampshire State Police 800-525-5555.
AIRPORT MANAGER: 603-921-1588
COMMUNICATIONS: CTAF/UNICOM 122.8
CLEARANCE DELIVERY PHONE: For CD ctc Boston ARTCC at 603-879-6859.

GIFFORD FLD (See COLEBROOK on page 148)

GORHAM (2G8) 1 NW UTC-5(-4DT) N44°23.61' W71°11.89' **MONTREAL**
 835 NOTAM FILE BGR
RWY 12-30: 2828X60 (TURF) 1.2% up SE
RWY 12: Thld dspcld 250'. Trees.
RWY 30: Thld dspcld 250'. Trees.
AIRPORT REMARKS: Unattended. Arpt CLOSED Nov 1-May 15. Otr times ck NOTAMS or durg nml bus hrs only call 603-466-3302, lve fone nr and exp rtn call for FICON. Wildlife on and invof arpt. Rflg and maint of acct is prohibited. Arpt oprd and maint by Town of Gorham Water and Sewer Dept. AER 30 soft in spring/heavy rains. Rwy sfc rolling and uneven. Rwy 12-30 edges and ends mkd by yellow cones. Camping prohibited on arpt.
AIRPORT MANAGER: 603-466-5065
COMMUNICATIONS: CTAF/UNICOM 122.8
CLEARANCE DELIVERY PHONE: For CD ctc Boston ARTCC at 603-879-6859.

HAMPTON AIRFIELD (7B3) 2 N UTC-5(-4DT) N42°57.68' W70°49.81' **NEW YORK**
 93 NOTAM FILE BGR
RWY 02-20: H2105X121 (ASPH-TURF) LIRL(NSTD) 0.3% up N
RWY 02: Trees.
RWY 20: Thld dspcld 212'. Trees.
SERVICE: S3 FUEL 100LL, MOGAS **LGT** Rwy 02-20 NSTD LIRL. CTC AMGR at 603-817-6617 for activation instructions.
AIRPORT REMARKS: Attended 1300-2100Z†, exc Thanksgiving and Christmas. Wildlife on and invof arpt. Self-svc 100LL and MOGAS avbl 24 hrs via credit card. Caution: short and soft fld ops. For short fld trng or info pls ctc amgr 603-817-6617. Extensive student pilot and training ops at arpt. Parallel rwy ops not permitted. Pilot will designate and make radio call to adz turf or grass ldg/tkof. Numerous NORDO acct opr at arpt. Road at Rwy 20 thld with moderate vehicle tfc. Rwy 02-20 2105 ft X 46 ft asph on W portion, 2105 ft X 75 ft on E portion. Rwy 20 NSTD dthr; sngl red/green lgt each side. Thr siting sfc 10:1 slp.
AIRPORT MANAGER: 603-964-6749
COMMUNICATIONS: CTAF/UNICOM 122.8
CLEARANCE DELIVERY PHONE: For CD ctc Boston Apch at 603-594-5552.

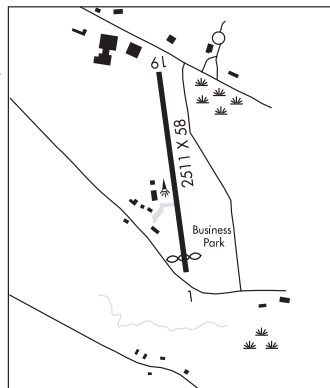
HANOVER N43°42.14' W72°10.65' NOTAM FILE LEB.
NDB (MHW) 276 LAH 245° 7.2 NM to Lebanon Muni. 1190/15W.
 NDB unusable:
 Byd 20 NM

NEW YORK
 L-32H

HAVERHILL

DEAN MEML (5B9) 3 NE UTC-5(-4DT) N44°04.81' W72°00.47'
 582 NOTAM FILE BGR
RWY 01-19: H2511X58 (ASPH) S-8.5 LIRL(NSTD) 1.4% up S
RWY 01: Thld dspld 185'. Road.
RWY 19: Pole.
SERVICE: FUEL 100LL LGT ACTVT LIRL Rwy 01-19 and
 windsock—CTAF. Rwy 01-19 nstd spacing, first 185' Rwy 01 unlgtd.
AIRPORT REMARKS: Attended Saturday 1400-1700Z. VFR ops only. For
 winter conds call 603-346-0445 24 hrs bfr use. Fuel avbl 24 hrs. Cold
 temperature airport. Altitude correction required at or below -28C.
AIRPORT MANAGER: 603-346-0445
COMMUNICATIONS: CTAF/UNICOM 122.8
BOSTON CENTER APP/DEP CON 135.7
CLEARANCE DELIVERY PHONE: For CD etc Boston ARTCC at 603-879-6859.
RADIO AIDS TO NAVIGATION: NOTAM FILE MPV.
MONTPELIER (VL) (DH) VOR/DME 116.9 MPV Chan 116
 N44°05.13' W72°26.96' 107° 19.1 NM to fld. 2086/16W.

MONTREAL
 L-32H
 IAP



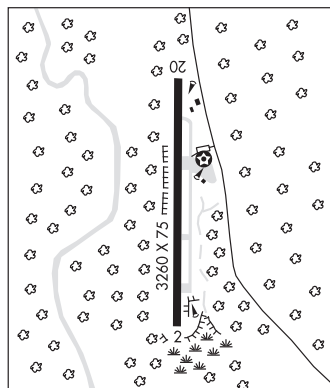
VOR unusable:
 010°-020° byd 25 NM blo 7,500'
 015°-031° byd 40 NM
 032°-042° byd 40 NM blo 5,000'
 032°-042° byd 65 NM
 043°-060° byd 40 NM
 045°-060° byd 24 NM blo 8,500'
 170°-182° byd 40 NM
 210°-275° byd 40 NM
 DME unusable:
 045°-060° byd 24 NM blo 8,500'

HAWTHORNE-FEATHER AIRPARK (See HILLSBORO on page 151)

HILLSBORO

HAWTHORNE-FEATHER AIRPARK (8B1) 3 S UTC-5(-4DT) N43°03.68' W71°54.32'
 600 B NOTAM FILE BGR
RWY 02-20: H3260X75 (ASPH) S-8 MIRL
RWY 02: Trees.
RWY 20: Trees. Rgt tfc.
SERVICE: FUEL 100LL LGT Lights OTS indefinitely.
AIRPORT REMARKS: Unattended. Wildlife on & invof arpt. Prior to using arpt
 call 603-588-6868 for arpt conds. Self serve fuel avbl 24 hrs with
 credit card. Rwy sfc uneven with large open cracks. Rwy 02 markings
 faded and NSTD. Rwy 20 markings faded.
AIRPORT MANAGER: 917-576-6075
COMMUNICATIONS: CTAF/UNICOM 122.8
CLEARANCE DELIVERY PHONE: For CD etc Boston Apch at 603-594-5552.
RADIO AIDS TO NAVIGATION: NOTAM FILE CON.
CONCORD (L) (L) VOR/DME 112.9 CON Chan 76 N43°13.19'
 W71°34.53' 252° 17.3 NM to fld. 715/15W.

NEW YORK
 L-32H, 33B



VOR unusable:
 022°-032° byd 20 NM blo 8,000'
 190°-210° byd 12 NM blo 4,000'
 318°-326° byd 30 NM blo 12,000'
 DME unusable:
 022°-032° byd 20 NM blo 8,000'
 082°-110° byd 30 NM blo 5,000'
 190°-210° byd 12 NM blo 4,000'
 290°-300° byd 30 NM blo 7,000'
 318°-326° byd 30 NM blo 12,000'

JAFFREY AIRFIELD SILVER RANCH (AFN)(KAFN) 1 SE UTC-5(-4DT) N42°48.31' W72°00.18'

NEW YORK

1040 B NOTAM FILE AFN

L-326, 33C

RWY 16-34: H2982X134 (ASPH-TURF) S-8 LIRL 0.9% up N

IAP

RWY 16: Trees.

RWY 34: Thld dspcd 582'. Trees.

SERVICE: S2 **FUEL** 100LL **LGT** First 582' Rwy 34 not lgtd. PPR for nstd LIRL call 603-532-8870. Bcn OTS indefly.

AIRPORT REMARKS: Attended 1300Z±-dusk. Wildlife on and invof arpt.

Ultralight act on arpt. Rwy 16-34 touch and go lgds prohibited. Rwy 16-34 50' cntr ptn of entr rwy is asph, rming 42' per side is turf/grvl for entr rwy len. Parl twy serves hngr/ramp only—no aces to Rwy 34.

Calm wind rwy is Rwy 34. Rwy 34 NSTD cntrln and dthr.

AIRPORT MANAGER: 603-532-8870

WEATHER DATA SOURCES: ASOS 135.875 (603) 532-6195.

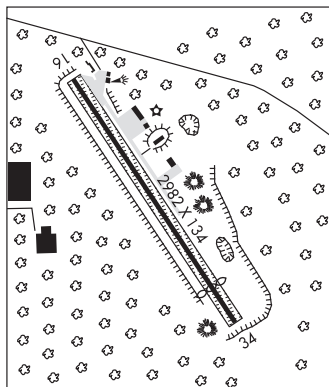
COMMUNICATIONS: CTAF/UNICOM 122.8

Ⓡ **BOSTON CENTER APP/DEP CON** 123.75

CLEARANCE DELIVERY PHONE: For CD ctc Boston ARTCC at 603-879-6859.

RADIO AIDS TO NAVIGATION: NOTAM FILE BDR.

GARDNER (L) (L) VOR/DME 116.95 GDM Chan 116(Y) N42°32.76' W72°03.49' 023° 15.7 NM to fld. 1280/14W.



KEENE

DILLANT/HOPKINS (EEN)(KEEN) P (ANG) 2 S UTC-5(-4DT) N42°53.90' W72°16.25'

NEW YORK

488 B NOTAM FILE EEN

H-11D, 12K, L-326, 33C

RWY 02-20: H6201X100 (ASPH) D-60 PCN 40 F/C/X/T HIRL

IAP, AD

RWY 02: MALSR, PAPI(P4L)—GA 3.0° TCH 39'. Tree.

RWY 20: PAPI(P4L)—GA 3.0° TCH 50'. Trees.

RWY 14-32: H4001X75 (ASPH) S-25 PCN 8 F/C/X/T MIRL

0.3% up SE

RWY 14: REIL. Trees.

RWY 32: REIL. Thld dspcd 1100'. Trees.

SERVICE: S4 **FUEL** 100LL, JET A **OX** 1, 2, 3, 4 **LGT** PAPI Rwy 20 OTS indefly. ACTVT MALSR Rwy 02; HIRL Rwy 02-20 and MIRL Rwy 14-32—CTAF. **MILITARY—FUEL** (NC-100LL - Avbl H24 with credit card; A - After hr fone 603-357-7600.)

NOISE: Noise abatement proc: hel tfc avoid residential areas drctly N of Rwy 02-20 and SW of arpt. Hel tfc limit mult clsd pat ops.

AIRPORT REMARKS: Attended Mon-Fri 1200-0000Z±, Sat-Sun 1200-2200Z±. Wildlife on and invof arpt. 100LL avbl 24 hrs with credit card. For jet fuel aft hrs call 603-357-7600. No eng run-ups on trml NW apr. Ldg fee for all turbine powered act. Grass tkofs and lgds prohibited. Cold temperature airport. Altitude correction required at or below -21C.

AIRPORT MANAGER: 603-357-9835

WEATHER DATA SOURCES: AWOS-3PT 119.025 (603) 358-6424.

COMMUNICATIONS: CTAF/UNICOM 123.0

KEENE RCO 122.6 (BANGOR RADIO)

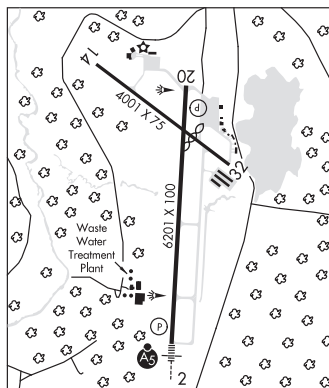
Ⓡ **BOSTON CENTER APP/DEP CON** 123.75

CLNC DEL 121.6

CLEARANCE DELIVERY PHONE: For CD if una to ctc on FSS freq, ctc Boston ARTCC at 603-879-6859.

RADIO AIDS TO NAVIGATION: NOTAM FILE BDR.

ILS 108.9 I-EEN Rwy 02. Class IA. Localizer unusable 25° right of course.



LACONIA MUNI (LCI)(KLCI) 3 NE UTC-5(-4DT) N43°34.38' W71°25.07'

NEW YORK
H-11D, 12K, L-32H
IAP

545 B NOTAM FILE LCI

RWY 08-26: H5890X100 (ASPH-GRVD) S-85, D-110, 2D-175

PCN 35 F/D/X/T HIRL 0.5% UP W

RWY 08: MALSR. PAPI(P4L)—GA 3.0° TCH 44'. Trees.

RWY 26: REIL. PAPI(P4R)—GA 4.0° TCH 55'. Thld dspcd 244'. Trees.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 08: TORA-5890 TODA-5890 ASDA-5646 LDA-5646

RWY 26: TORA-5890 TODA-5890 ASDA-5530 LDA-5286

SERVICE: S4 **FUEL** 100LL, JET A, A+ **OX** 1, 2, 3, 4 **LGT** Actvt MALSR
Rwy 08; REIL Rwy 26; HIRL Rwy 08-26; windsock lgts—CTAF. Rwy
26 PAPI unusb1 byd 6 degs L of cntrln.

NOISE: Voluntary noise abatement proc: avoid overflying Varney Point
1NM NE of arpt. See Laconia Arpt Website for dtls.

AIRPORT REMARKS: Attended May-Oct 1200-0000Z†, Nov-Apr
1300-2300Z†. Wildlife on and invof arpt. 100LL avbl 24 hrs with
credit card. For Jet A after hrs call FBOs. Twy A clsd to acft with
wingspans gtr than 49 ft. Ctn: Locke's Hill 500 ft trrn mkd with 2 red
bcns, 1.2 NM E of arpt. Ctn: Rising trrn 5000 ft S of arpt. Rwy 26
dsgnd calm wind rwy.

AIRPORT MANAGER: 603-524-5003

WEATHER DATA SOURCES: AWOS-3PT 133.525 (603) 524-5134.

COMMUNICATIONS: CTAF/UNICOM 123.0

Ⓡ **BOSTON APP/DEP CON** 134.75

CLNC DEL 119.85

CLEARANCE DELIVERY PHONE: For CD ctc Boston Apch at 603-594-5552.

RADIO AIDS TO NAVIGATION: NOTAM FILE CON.

CONCORD (L) (L) VOR/DME 112.9 CON Chan 76 N43°13.19' W71°34.53' 033° 22.3 NM to fld. 715/15W.

VOR unusable:

022°-032° byd 20 NM blo 8,000'

190°-210° byd 12 NM blo 4,000'

318°-326° byd 30 NM blo 12,000'

DME unusable:

022°-032° byd 20 NM blo 8,000'

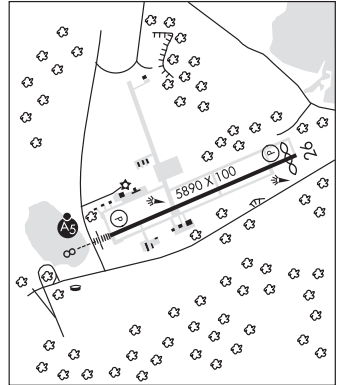
082°-110° byd 30 NM blo 5,000'

190°-210° byd 12 NM blo 4,000'

290°-300° byd 30 NM blo 7,000'

318°-326° byd 30 NM blo 12,000'

ILS/DME 108.5 I-LCI Chan 22 Rwy 08. Class IB. DME unusable byd 25° right of course.



LEBANON MUNI (LEB)(KLEB) 3 W UTC-5(-4DT) N43°37.57' W72°18.25'

NEW YORK

603 B NOTAM FILE LEB

H-11D, 12K, L-32G

RWY 07-25: H5496X100 (ASPH-GRVD) S-42, D-60 MIRL

RWY 07: REIL. PAPI(P4L)—GA 4.0° TCH 50'.

RWY 25: REIL. PAPI(P4R)—GA 4.0° TCH 51'.

RWY 18-36: H5200X100 (ASPH-GRVD) S-42, D-48 HIRL

0.8% up S

RWY 18: REIL. Trees.

RWY 36: PAPI(P4L)—GA 3.75° TCH 34'.

SERVICE: S4 FUEL 100LL, JET A 0X1 LGT Actvt REIL Rwy 07 & 25; PAPI Rwy 07, 25 and 36; MIRL Rwy 07-25; HIRL Rwy 18-36—CTAF.

NOISE: Noise abatement procedures in effect, ctc arpt manager. All arrival/departure actt follow manufacturer's recommended procedure for quiet opn and minimum noise.

AIRPORT REMARKS: Attended 1100-0300Z†. Ocnl wildlife act on and nr arpt. Hang glider ops invof Mt. Ascutney, VT, 20 mi SW LEB sfc-8000' days. For fuel after hrs call 603-298-6555. No practice low apch or touch and go ldg 0500-1200Z†. Hot air balloon act 8.6 NM W of arpt. Cold temperature airport. Altitude correction required at or below -20C. Trees 5600 ft E of arpt, elev 1253 ft; trees 6700 ft E of arpt, elev 1275 ft; trees in dcd are obstn lgtd. Ldg fees except for non-commercial single engine.

AIRPORT MANAGER: 603-298-8878

WEATHER DATA SOURCES: ASOS 118.65 (603) 298-8780. LAWRS.

COMMUNICATIONS: CTAF 125.95 ATIS 118.65 UNICOM 122.95

RCO 122.2 (BANGOR RADIO)

Ⓡ BOSTON CENTER APP/DEP CON 134.7

TOWER 125.95 (1100-0300Z†) GND CON 121.6

CLEARANCE DELIVERY PHONE: For CD if twr clsd & una to ctc FSS freq, ctc Boston ARTCC at 603-879-6859.

AIRSPACE: CLASS D svc 1100-0300Z†; other times CLASS G.

RADIO AIDS TO NAVIGATION: NOTAM FILE LEB.

HANOVER NDB (MHW) 276 LAH N43°42.14' W72°10.65' 245° 7.2 NM to fld. 1190/15W.

NDB unusable;

Byd 20 NM

(L) DME 113.7 LEB Chan 84 N43°40.73' W72°12.96' 231° 5.0 NM to fld. 1443.

DME unusable;

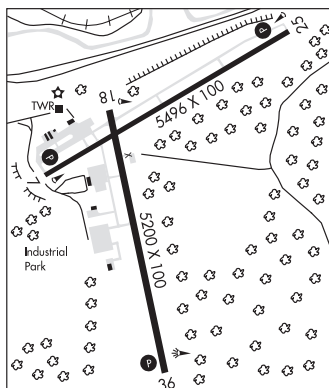
045°-075° byd 36 NM blo 10,000'

091°-119° byd 30 NM blo 7,500'

161°-304° byd 30 NM blo 6,300'

ILS/DME 111.9 I-DVR Chan 56 Rwy 18. LOC unusable byd 20° left of course; byd 20° r of course; inside .5 NM inbd. DME unusable byd 30° left of course; byd 30° r of course.

COMM/NAV/WEATHER REMARKS: 121.5 not avbl at twr.



MAHN N44°21.74' W71°41.15' NOTAM FILE HIE.

MONTREAL

NDB (MHW) 386 GMA 104° 6.0 NM to Mount Washington Rgnl. 1425/17W. NDB unmonitored.

L-32H

NDB unusable;

Byd 15 NM blo 9,000'

MANCHESTER BOSTON RGNL (MHT)(KMHT) 3 S UTC-5(-4DT) N42°55.97' W71°26.15' **NEW YORK**
 266 B Class I, ARFF Index C NOTAM FILE MHT **H-11D, 12K, L-32H, 33D**
RWY 17-35: H9250X150 (ASPH-GRVD) S-200, D-300, 2S-175, 2D-350 PCN 90 F/C/W/T **IAP, AD**
 HIRL CL

RWY 17: MALSR. TDZL. PAPI(P4R)—GA 3.1° TCH 67'. RVR-TMR Thld dsplcd 336'. Pole. 0.3% up.
RWY 35: ALSF2. TDZL. PAPI(P4L)—GA 3.0° TCH 68'. RVR-TMR Thld dsplcd 850'. Bldg. 0.8% down.
RWY 06-24: H7651X150 (ASPH-GRVD) S-200, D-300, 2S-175, 2D-350 PCN 90 F/C/W/T HIRL CL 0.3% up NE
RWY 06: REIL. PAPI(P4L)—GA 3.0° TCH 50'. RVR-TR Thld dsplcd 442'. Trees.
RWY 24: REIL. PAPI(P4L)—GA 3.0° TCH 50'. RVR-TR Trees.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 06: TORA-7650 TODA-7650 ASDA-7650 LDA-7208
RWY 17: TORA-9250 TODA-9250 ASDA-9250 LDA-8914
RWY 24: TORA-7650 TODA-7650 ASDA-6850 LDA-6850
RWY 35: TORA-9250 TODA-9250 ASDA-8500 LDA-7650

ARRESTING GEAR/SYSTEM

RWY 06: EMAS

SERVICE: S4 **FUEL** 100LL, JET A **OX 3** **LGT** Rwy 06 PAPI unusbl byd 6 degs R of cntrln.

NOISE: Noise abatement procedures: turbojet acft should expect a right turn when departing Rwy 17.

AIRPORT REMARKS: Attended continuously. No touch and go ldg during snow removal opr. Twy A safety area S of Twy E to Twy A2 is 65 ft. Jet acft taxiing wb acrs Rwy 17-35 at Twy E must use ctn and low settings due to lgt acft prkg on the E ramp. No taxiing between pushed back acft and the airline terminal or cargo ramps. Acft not permitted to taxi between airline terminal bldg and acft that have pushed back or are taxiing on Twy G or Twy N. Air carrier acft only permitted to opr on airline terminal ramp. Air carriers excluded from Twy L. Acft with wingspan greater than 145' rstd from Twy G and Twy N. AMMON ramp rstd to acft with wingspan less than 118'. Acft are req to maintain taxilane centerline to avoid parked general aviation acft tiedowns. Acft with wingspan 118' or greater req ground crew assistance for taxi and parking. Lndg fee. User fee arpt.

AIRPORT MANAGER: 603-624-6539

WEATHER DATA SOURCES: ASOS 119.55 (603) 621-1766. LAWRS.

COMMUNICATIONS: ATIS 119.55 603-621-1766 **UNICOM** 122.95

Ⓡ **BOSTON APP/DEP CON** 124.9

TOWER 121.3 **GND CON** 121.9 **CLNC DEL** 135.9

AIRSPACE: CLASS C svc ctc **APP CON**.

RADIO AIDS TO NAVIGATION: NOTAM FILE MHT.

(L) **L1** **VOR/DME** 114.4 MHT Chan 91 N42°52.11' W71°22.17' 338° 4.8 NM to fld. 470/15W.

FITZ NDB (LOMW) 209 MJ N42°51.85' W71°31.73' 060° 5.8 NM to fld. 234/15W.

ILS 109.95 I-MJE Rwy 06. Class IT. LOM **FITZY NDB**.

ILS/DME 109.1 I-MNA Chan 28 Rwy 17. Class IE. DME also serves Rwy 35. DME unusable 10° right of course

ILS/DME 109.1 I-MHT Chan 28 Rwy 35. Class IIE. DME also serves Rwy 17. DME unusable byd 30° left of course.

MOULTONBOROUGH (4MB) 1 NE UTC-5(-4DT) N43°46.05' W71°23.26' **NEW YORK**
 576 B NOTAM FILE BGR **L-32H**

RWY 02-20: H3505X50 (ASPH) S-8 **RWY LGTS(NSTD)**

RWY 02: P-line.

RWY 20: Trees.

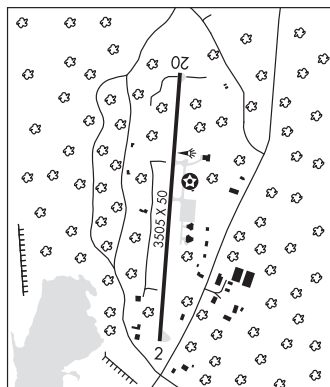
SERVICE: S4 **FUEL** 100LL **LGT** ACTVT rotg bcn—CTAF. 5 clicks on, 3 clicks off. ACTVT non-std LIRL Rwy 02-20—CTAF. 5 clicks on, 3 clicks off. Rwy 02-20 non-std LIRL, lghts are 4 ft high. Lght only btn dthrs, vrb spacing, 2890 ft of rwy lght. Rwy thr lgt non-std, clear lenses only. Wind indcr cont lght dusk-dawn.

AIRPORT REMARKS: Attended May-Oct Mon-Fri 1400-2100Z, Sat-Sun 1400-2200Z. Oct-May by appointment. Wildlife on & invof arpt. Overfly rwy to check for wildlife. VFR only. Nmrs non-radio equipped acft oprg fm airfld. Rwy 02 pline mkr faded. 24 hr self svc fuel avbl with credit card. Rwy 02 designated calm wind rwy. Rwy end 02 dthr area markings non-std size & spacing. Rwy 02-20 non-std cntrln size & spacing. Dthr not mkd. Float plane access to and fm Berry Pond.

AIRPORT MANAGER: 603-845-8253

COMMUNICATIONS: CTAF/UNICOM 122.8

CLEARANCE DELIVERY PHONE: For CD ctc Boston ARTCC at 603-879-8659.



MOUNT WASHINGTON RGNL (See WHITEFIELD on page 159)

NASHUA

BOIRE FLD (ASH)(KASH) 3 NW UTC-5(-4DT) N42°46.94' W71°30.85'

200 B NOTAM FILE ASH

RWY 14-32: H6000X100 (ASPH-GRVD) S-62, D-80, 2S-102,
2D-133 HIRL

RWY 14: MALSR. PAPI(P4R)—GA 3.0° TCH 45'. Trees.

RWY 32: REIL. PAPI(P4L)—GA 3.0° TCH 45'. Thld dsplcd 350'. Tree.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 14: TORA-6000 TODA-6000 ASDA-5650 LDA-5650

RWY 32: TORA-6000 TODA-6000 ASDA-6000 LDA-5650

SERVICE: S4 FUEL 100LL, JET A1+ OX 1, 2, 3, 4 LGT When twr clsd
ACTVT MALSR Rwy 14; REIL Rwy 32; PAPI Rwy 14; HIRL Rwy
14-32—CTAF.

NOISE: Arpt has voluntary noise abatement procedures. Ctc arpt manager
for details.

AIRPORT REMARKS: Attended 1200-0200Z±. Migratory birds and wildlife
on and in/ovf arpt. Ramp btn Twy D & Twy E clsd to acft with wingspan
gtr than 48 ft unless auzd by ATCT. Ldg fee for acft ovr 12,500 lbs, fee
per 1000 lbs.

AIRPORT MANAGER: 603-882-0661

WEATHER DATA SOURCES: AWOS-3PT 125.1 (603) 578-0473.

COMMUNICATIONS: CTAF 133.2 ATIS 125.1

Ⓡ **BOSTON APP/DEP CON** 124.9

NASHUA TOWER 133.2 (1200-0200Z±) **GND CON** 121.8 **CLNC DEL** 121.8

AIRSPACE: CLASS D svc 1200-0200Z±; other times CLASS G.

RADIO AIDS TO NAVIGATION: NOTAM FILE MHT.

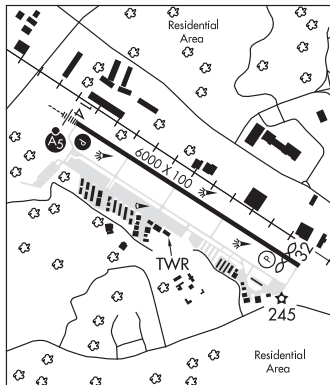
MANCHESTER (L) (L) VORW/DME 114.4 MHT Chan 91 N42°52.11' W71°22.17' 246° 8.2 NM to fld. 470/15W.

LAWRENCE (L) DME 112.5 LWM Chan 72 N42°44.43' W71°05.69' 278° 18.7 NM to fld. 306. NOTAM FILE
LWM.

DME unusable:

160°-195° byd 23 NM blo 2,500'

ILS 109.7 I-ASH Rwy 14. Class IA. Glideslope unusable byd 4° left of course. Unmonitored when ATCT clsd.



NEW YORK

H-11D, 12K, L-33C

IAP, AD

NEWFOUND VALLEY (See BRISTOL on page 147)

NEWPORT

PARLIN FLD (2B3) 2 N UTC-5(-4DT) N43°23.22' W72°11.26'

785 B NOTAM FILE BGR

RWY 18-36: H3448X50 (ASPH) S-12 LIRL 0.4% up N

RWY 18: Thld dsplcd 400'. Trees. Rgt tfc.

RWY 36: Thld dsplcd 300'. Trees.

RWY 12-30: 1981X60 (TURF) 0.4% up SE

RWY 12: Trees. Rgt tfc.

RWY 30: Hill.

SERVICE: S4 FUEL 100LL OX 1, 2, 3, 4 LGT Rotating bcn OTS infd.
NOISE: Noise abatement procedures in effect. Avoid noise sensitive area
3000' northwest of arpt. Ctc arpt manager at 978-886-0854.

AIRPORT REMARKS: Attended irregularly. Wildlife on and in/ovf arpt. Self svc
fuel avbl 24 hrs with credit card. Rwy 12-30 CLOSED Nov 15 to May
1. P-line marked with orange balls at arpt boundary 900' from AER
30. Rwy 18, Mt 981' MSL 2500' from thld, 600' R. Rwy 18-36
nstd for spacing. Rwy 18 end indicators nstd reflector bars.

AIRPORT MANAGER: 978-886-0854

COMMUNICATIONS: CTAF/UNICOM 122.8

Ⓡ **BOSTON CENTER APP/DEP CON** 134.7

CLEARANCE DELIVERY PHONE: For CD ctc Boston ARTCC at 603-879-6859.

RADIO AIDS TO NAVIGATION: NOTAM FILE LEB.

LEBANON (L) DME 113.7 LEB Chan 84 N43°40.73'

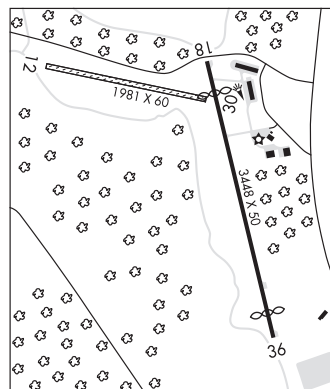
W72°12.96' 176° 17.5 NM to fld. 1443.

DME unusable:

045°-075° byd 36 NM blo 10,000'

091°-119° byd 30 NM blo 7,500'

161°-304° byd 30 NM blo 6,300'



NEW YORK

L-32G

IAP

PARLIN FLD (See NEWPORT on page 156)

PEASE N43°05.07' W70°49.92' NOTAM FILE PSM.
(L) DME 116.5 PSM Chan 112 at Portsmouth Intl at Pease. 108.
 DME unusable:
 029°-071° byd 35 NM blo 2,500'
 080°-085° byd 35 NM blo 2,500'
 115°-120° byd 37 NM blo 2,500'
 190°-205° byd 35 NM blo 2,500'
 225°-240° byd 25 NM blo 2,500'

NEW YORK
 H-11D, 12K, L-32H, 33D

PLYMOUTH MUNI (1P1) 3 NW UTC-5(-4DT) N43°46.70' W71°45.23'
 506 NOTAM FILE BGR

NEW YORK

RWY 12-30: 2347X90 (TURF)

RWY 12: Road.

RWY 30: Thld dsplcd 298'. Road.

AIRPORT REMARKS: Attended irregularly, call 603-536-5818. Wildlife on and invof arpt. Ultralight and paraglider act on and invof arpt. Rwy 12-30 strip soft in spring, not maintained in winter but open to ski craft. Please call ahead. Nmrs non-radio equipment acct operating fm arpt. Hvy pwrd prcht and wt shift cti acct act only in R tfc blw 400' AGL for Rwy 12. 1161' MSL mountain 1.5 NM N of Rwy 30 L of cntrln. Rwy 12-30 edges and ends mkd by yellow cones. Rwy 30 dthr mkd by 3 yellow cones aligned perpendicular to each rwy edge. +3' drainage swales lctd 15' from rwy edge, both sides of rwy bngng at midfield then W for 700'.

AIRPORT MANAGER: 603-536-5818

WEATHER DATA SOURCES: AWOS-3 118.45 (603) 536-1698.

COMMUNICATIONS: CTAF/UNICOM 122.8

CLEARANCE DELIVERY PHONE: For CD ctc Boston ARTCC at 603-879-6859.

PORTSMOUTH INTL AT PEASE (PSM)(KPSM) P (ANG) 1 W UTC-5(-4DT) N43°04.68'
 W70°49.40'

NEW YORK
 H-11D, 12K, L-32H, 33D
 IAP, AD

100 B TPA—See Remarks LRA Class I, ARFF Index B NOTAM FILE PSM

RWY 16-34: H11322X150 (ASPH-CONC-GRVD) S-120, D-250,

2D-550, 2D/2D2-1120 PCN 82 F/A/W/T HIRL

RWY 16: MALSR. PAPI(P4L)—GA 3.0° TCH 72'. RVR-T Thld dsplcd 803'. Trees. Rgt tfc. 0.3% down.

RWY 34: MALSR. PAPI(P4L)—GA 3.0° TCH 80'. RVR-T

RUNWAY DECLARED DISTANCE INFORMATION

RWY 16: TORA-11321 TODA-11321 ASDA-11321 LDA-10518

RWY 34: TORA-11321 TODA-11321 ASDA-11321 LDA-11321

SERVICE: S4 FUEL 100LL, JET A, J8 OX 3, 4 JASU (A/M 32A-86)

9(AM32-95) 5(MA-1A) FUEL J8(Mil) (avl at ANG 603-430-2459) A, A+ (C603-812-5502; overnight C603-812-5502) (NC-100LL)

FLUID PRESAIR De-Ice LHOX OIL O-148 SOAP; RQR 48 HR processing time. **TRAN ALERT** Maint and parts support extremely ltd. No drag chute repack. Nml hr 1200-2100Z† Mon-Fri, exc hol.

NOISE: Noise sensitive areas off both end of rwy. Avoid close in base legs/short apchs. On dep maintain rwy hdg to 1100' MSL or the end of the rwy (whichever occurs last) prior to turning.

AIRPORT REMARKS: Attended continuously. Birds on and invof arpt.

Turbulence AER 34 in strong cross winds. 200' blast pad each rwy end.

Rwy 34 is preferred when tail wind component is less than 5 kts. Rwy 16 is preferred for tkf btn 0300-1159Z†, when tail wind component is 5 kts or less. All inbnd acct with hazardous cargo info call twr 60 NM out. Customs 24x7x365 customs clearing availability. Stnd ofc hrs Mon-Fri 1400-2130Z†. Customs must be arranged in advance at 603-422-0910. Intl arr must arrange for gnd handling prior to arr. FBO 603-430-1111/128.825 ARINC. No practice low apch or touch and go ldg 0400-1200Z† for lcl based acct and 0200-1200Z† for tran acct or before 1700Z† Sun for all acct. Dur snow removal ops PPR 15 minutes on 128.4 and no practice low apch or touch and go ldg. On other than a published IAP arr acct should establish themselves on final apch at least 2 NM from the rwy thld at a minimum of 700' MSL. Littlebrook Airpark lctd 052° 4.4 NM, TPA-1130' MSL. Fly downwind leg no closer than 1/2 mile from rwy. Rectangular TPA-1600(1500), overhead TPA-2100(2000), lgt acct 1100(1000). Rwy 16 fst 600' conc-grooved. No 180° turns for acct over 12,500 lbs GWT on asph portion of Rwy 16-34. Rwy 16-34 double faced distance markers both sides of rwy at 1000' intervals. Rwy 16-34 edge lgts are 24" tall, 85' from cntrln. Caution: Height group 1 WCH 54'. Index E ARFF capability avbl 24/7. 157 ARW is fully opr KC46 Base.

AIRPORT MANAGER: 603-433-6536



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COMMUNICATIONS: ATIS 132.05 603-334-6070 UNICOM 122.95

Ⓡ BOSTON APP/DEP CON 125.05

TOWER 128.4 GND CON 120.95

AIRSPACE: CLASS D.

RADIO AIDS TO NAVIGATION: NOTAM FILE PSM.

PEASE (L) DME 116.5 PSM Chan 112 N43°05.07' W70°49.92' at fld. 108.

DME unusable:

029°-071° byd 35 NM blo 2,500'

080°-085° byd 35 NM blo 2,500'

115°-120° byd 37 NM blo 2,500'

190°-205° byd 35 NM blo 2,500'

225°-240° byd 25 NM blo 2,500'

ILS 110.1 I-PGQ Rwy 16. Class IA.

ILS 110.1 I-PSM Rwy 34. Class IB.

PAR

ROCHESTER

SKYHAVEN (DAW)(KDAW) 3 SE UTC-5(-4DT) N43°17.05' W70°55.77'

NEW YORK

322 B TPA-1122(800) NOTAM FILE DAW

L-32H

RWY 15-33: H4201X75 (ASPH) S-30 MIRL 0.5% up SE

IAP

RWY 15: REIL. Trees.

RWY 33: ODALS. PAPI(P4L)—GA 3.0° TCH 43'. Rgt tfc.

SERVICE: S4 FUEL 100LL LGT Bcn lctd 3000 ft NW of arpt. Actvt

ODALS Rwy 33; REIL Rwy 15; PAPI Rwy 33; MIRL Rwy 15-33; wind

cone lgt—CTAF.

AIRPORT REMARKS: Attended Mon-Fri 1230-2100Z, exc hols. Deer on & invof arpt aft SS. Ultralight; antique & non-radio tfc in good wx. Self svc 100LL avbl 24 hrs with credit card. Rwy 33 dsngd calm wind rwy.

AIRPORT MANAGER: 603-433-6536

WEATHER DATA SOURCES: ASOS 135.275 (603) 332-7814.

COMMUNICATIONS: CTAF/UNICOM 122.7

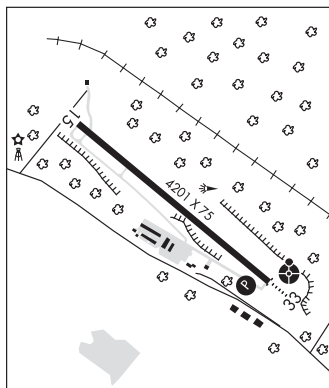
Ⓡ BOSTON APP/DEP CON 125.05

CLEARANCE DELIVERY PHONE: For CD ctc Boston Apch at 603-594-5552.

RADIO AIDS TO NAVIGATION: NOTAM FILE BGR.

ROLLINS NDB (MHW) 260 ESG N43°13.21'

W70°49.70' 327° 5.9 NM to fld. 72/16W.



ROLLINS N43°13.21' W70°49.70' NOTAM FILE BGR.

NEW YORK

NDB (MHW) 260 ESG 168° 5.2 NM to Seacoast Airfield. 72/16W.

L-32H, 33D

SKYHAVEN (See ROCHESTER on page 158)

TWIN MOUNTAIN (8B2) 1 SW UTC-5(-4DT) N44°15.84' W71°32.80'

MONTREAL

1459 NOTAM FILE BGR

L-32H

RWY 09-27: H2660X60 (ASPH) S-8.5 LIRL**RWY 09:** Trees.**RWY 27:** Trees.**SERVICE:** LGT Rwy 09-27 lghts OTS indef.**AIRPORT REMARKS:** Attended irregularly. Nov-Mar unattended. Arpt not plowed in winter. For information call 603-846-5505.

Wildlife on and invof arpt. Rwy markings faded. No centerline markings. Acft are requested to stay on paved surfaces only.

Ctc arpt mgr for ngt opn instrns. Rwy 09-27 nmrs alligator cracking. Cntr 800' x 30' of rwy excellent cond. Western 800' to 1900' x 30' of rwy good cond.

AIRPORT MANAGER: 603-846-5505**COMMUNICATIONS:** CTAF/UNICOM 122.8**CLEARANCE DELIVERY PHONE:** For CD ctc Boston ARTCC at 603-879-6859.**RADIO AIDS TO NAVIGATION:** NOTAM FILE MPV.**MONTPELIER (VL) (DH) VOR/DME** 116.9 MPV Chan 116 N44°05.13' W72°26.96' 090° 40.4 NM to fld.
2086/16W.

VOR unusable:

010°-020° byd 25 NM blo 7,500'

015°-031° byd 40 NM

032°-042° byd 40 NM blo 5,000'

032°-042° byd 65 NM

043°-060° byd 40 NM

045°-060° byd 24 NM blo 8,500'

170°-182° byd 40 NM

210°-275° byd 40 NM

DME unusable:

045°-060° byd 24 NM blo 8,500'

WHITEFIELD**MOUNT WASHINGTON RGNL** (HIE)(KHIE) 3 E UTC-5(-4DT) N44°22.05' W71°32.75'

MONTREAL

1072 B TPA-3072(2000) NOTAM FILE HIE

L-32H

RWY 10-28: H4001X75 (ASPH) S-30 MIRL 0.6% up E

IAP

RWY 10: REIL. PAPI(P4L)-GA 3.5° TCH 45'.**RWY 28:** REIL. Trees. Rgt tfc.**SERVICE:** S4 FUEL 100LL LGT ACTIVATE REIL Rwy 10 and Rwy 28; PAPI Rwy 10; MIRL Rwy 10-28-CTAF.**AIRPORT REMARKS:** Attended irregularly. Wildlife on and invof arpt. Arpt conds not rglyrly mt. 100LL self svc avbl 24 hrs with credit card. Cold temperature airport. Altitude correction required at or below -29C. Rwy 28 trans line across apch 20:1+ and marked with day glow balls. Rising trrn lctd 3NM SE of arpt.**AIRPORT MANAGER:** 603-837-9532**WEATHER DATA SOURCES:** ASOS 118.525 (603) 837-2769.**COMMUNICATIONS:** CTAF/UNICOM 122.8**WHITEFIELD RCO** 122.4 (BANGOR RADIO)Ⓡ **BOSTON CENTER APP/DEP CON** 135.7**CLEARANCE DELIVERY PHONE:** For CD if una to ctc on FSS freq, ctc Boston ARTCC at 603-879-6859.**RADIO AIDS TO NAVIGATION:** NOTAM FILE MPV.**MONTPELIER (VL) (DH) VOR/DME** 116.9 MPV Chan 116 N44°05.13' W72°26.96' 082° 42.5 NM to fld.
2086/16W.

VOR unusable:

010°-020° byd 25 NM blo 7,500'

015°-031° byd 40 NM

032°-042° byd 40 NM blo 5,000'

032°-042° byd 65 NM

043°-060° byd 40 NM

045°-060° byd 24 NM blo 8,500'

170°-182° byd 40 NM

210°-275° byd 40 NM

DME unusable:

045°-060° byd 24 NM blo 8,500'

MAHN NDB (MHW) 386 GMA N44°21.74' W71°41.15' 104° 6.0 NM to fld. 1425/17W. NOTAM FILE HIE. NDB unmonitored.

NDB unusable:

Byd 15 NM blo 9,000'

AEROFLEX/ANDOVER (See ANDOVER on page 160)

ALEXANDRIA (See PITTSTOWN on page 175)

ANDOVER

AEROFLEX/ANDOVER (12N) 3 N UTC-5(-4DT) N41°00.52' W74°44.28'

NEW YORK
L-33A, 34H
IAP

583 B NOTAM FILE 12N

RWY 03-21: H1981X50 (ASPH) MIRL

RWY 03: Trees. Rgt tfc.

RWY 21: Tree.

SERVICE: S4 FUEL 100LL LGT Actvt MIRL Rwy 03-21—CTAF.

NOISE: Noise abatement procedures in effect ctc AMGR 973-786-5100.

AIRPORT REMARKS: Attended 1400-2200Z. Parallel turf rwy restricted use only. No touch and go lds. PPR required for night transients ctc AMGR 973-786-5100. Avoid overflying Lake Lenape while on downwind. Arpt rstd to apch category A acct only. Rwy 03-21 lakes at both apch ends. Dirt svc road to trml area in front of Rwy 03 thld.

AIRPORT MANAGER: 973-786-5100

WEATHER DATA SOURCES: ASOS (917) 786-7221

COMMUNICATIONS: CTAF/UNICOM 122.8

Ⓡ **NEW YORK APP/DEP CON** 127.6

CLEARANCE DELIVERY PHONE: For CD ctc New York Apch at 800-645-3206.

RADIO AIDS TO NAVIGATION: NOTAM FILE MIV.

STILLWATER (L) (L) VORW/DME 109.6 STW Chan 33 N40°59.75' W74°52.14' 094° 6.0 NM to fld. 920/11W.

DME unusable:

089°-099° within 12 NM blo 10,000'

210°-320° byd 30 NM blo 4,000'

ATLANTIC CITY INTL (ACY)(KACY) P (ANG) 9 NW UTC-5(-4DT) N39°27.46' W74°34.63'

WASHINGTON
H-101, 12J, L-34G
IAP, AD

75 B Class I, ARFF Index C NOTAM FILE ACY

RWY 13-31: H10000X150 (ASPH-GRVD) S-85, D-120, 2S-152,

2D-350 PCN 78 F/A/W/T HIRL CL

RWY 13: MALSR. TDZL. PAPI(P4L)—GA 3.0° TCH 71'. RVR-TR Road.

RWY 31: REIL. PAPI(P4L)—GA 3.0° TCH 69'. RVR-TR Antenna.

RWY 04-22: H6144X150 (ASPH-CONC-GRVD) S-75, D-175, 2S-175,

2D-400, 2D/2D2-900 PCN 62 R/A/W/T HIRL

RWY 04: PAPI(P4L)—GA 3.0° TCH 47'. Tree.

RWY 22: VASI(V4L)—GA 3.0° TCH 51'. Trees.

LAND AND HOLD-SHORT OPERATIONS

LDG RWY	HOLD-SHORT POINT	AVBL LDG DIST
RWY 04	13-31	3550
RWY 13	04-22	3600
RWY 31	04-22	5750

RUNWAY DECLARED DISTANCE INFORMATION

RWY 04: TORA-6144 TODA-6144 ASDA-6144 LDA-6144
RWY 13: TORA-10000 TODA-10000 ASDA-10000 LDA-10000
RWY 22: TORA-6144 TODA-6144 ASDA-6144 LDA-6144
RWY 31: TORA-10000 TODA-10000 ASDA-10000 LDA-10000

ARRESTING GEAR/SYSTEM

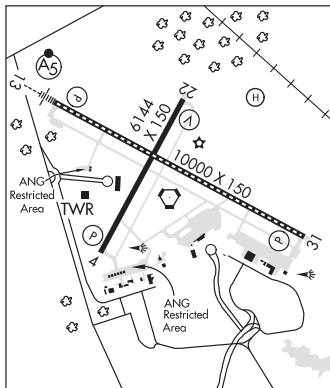
RWY 13 BAK-14 BAK-12B (B) (1600') BAK-14 BAK-12B (B) (1600')
RWY 31

SERVICE: S3 FUEL 100LL, JET A, A++ OX 3 MILITARY— A-GEAR Avoid centerline lgt dur cable engagement to prevent tailhook bounce. FUEL A++ (MIL) (NC-100LL, A) OIL JOAP(Mil) TRAN ALERT Ltd maint and prk.

NOISE: Noise abatement procedures in effect ctc arpt ops at 609-645-7895 extension 2002.

AIRPORT REMARKS: Attended continuously. No training flts 0400-1200Z. A-Gear Rwy 31 located 1600' from thld, ctc twr for ops. Avoid centerline lights during cable engagement to prevent tailhook bounce. Fox and birds on and invof arpt. Twy C clsd to dual tandem and double tandem equipped acct. Experimental heliport located on N side of arpt rstd to use of FAA project acct only. ANG arm/dearm pads for military use only. High performance mil acct opr at arpt. FAA upon PPR call 609-485-6482. US Customs user fee arpt. Customs avbl Mon-Fri 1300-2200Z. Provide minimum 24 hr advance notice to arrange for Customs. All calls to Customs Mon-Fri 1300-2200Z, phone 609-484-1610. U.S. Customs fax 609-484-614. Ldg fee.

MILITARY REMARKS: ANG BASH Phase II in effect Apr thru Oct, ctc base ops on 261.0 or 140.7 for current BASH condition. PPR, ctc ANG base ops C609-761-6009, fax C609-761-6484, command post C609-761-6001. Ltd tran svc avbl 1100-2030Z Tue-Fri, clsd Sat-Mon and hol. NSTD mark on ANG ramp, blue lines delineate F-16 wing tip clnc, yellow lines at hangar doors for personnel clear zone.



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AIRPORT MANAGER: 609-645-7895

WEATHER DATA SOURCES: ASOS (609) 272-9311

COMMUNICATIONS: ATIS 125.725 (609-485-4444)

Ⓡ APP/DEP CON 134.25 (310°-129°) 124.6 (130°-309°)

TOWER 120.3 GND CON 121.9 CLNC DEL 127.85

ANG OPS 140.7

AIRSPACE: CLASS C svc ctc APP CON.

RADIO AIDS TO NAVIGATION: NOTAM FILE ACY.

(L) (L) VORTACW 117.15 ACY Chan 118(Y) N39°27.35' W74°34.58' at fld. 67/10W.

DME unusable:

290°-300° byd 10 NM blo 4,000'

VOR unusable:

301°-355° byd 35 NM blo 2,000'

TACAN AZIMUTH unusable:

290°-300° byd 10 NM blo 4,000'

ILS/DME 109.1 I-PVO Chan 28 Rwy 13. Class IT.

ILS/DME 109.1 I-ACY Chan 28 Rwy 31. Class IE.

ASR

COMM/NAV/WEATHER REMARKS: Durg ATC zero events, CTAF 120.3.

HELIPAD H1: H102X102 (ASPH)

HELIPORT REMARKS: Rwy H1 Pvt-Experimental use only. Ctc FAA Tech Center at 609-485-6675.

BELMAR/FARMINGDALE

MONMOUTH EXEC (BLM)(KBLM) 5 W UTC-5(-4DT) N40°11.21' W74°07.47'

153 B NOTAM FILE BLM

RWY 14-32: H7345X85 (ASPH) MIRL(NSTD) 0.6% up SE

RWY 14: REIL. Trees.

RWY 32: Trees.

RWY 03-21: H3508X50 (ASPH)

RWY 03: Trees.

RWY 21: Tree.

SERVICE: S2 FUEL 100LL, JET A LGT To rearrange for rwy lgts after 0400Z± call 732-751-0044. Rwy 14-32 nstd MIRLs; Rwy 32 thld lgts nstd.

AIRPORT REMARKS: Attended continuously. Deer and birds on and invof arpt. Self svc 100LL avbl 24 hrs. Jet A avbl 24 hrs. Rwy 03-21 clsd to acct over 12500 lbs. No helicopter activity northeast of Rwy 14.

Helicopter instruction by pre-arrangement only 732-938-4800. All tsnt acct must go to FBO on west side of arpt. Rwy 14-32 first 575' at AER 32 85' wide; remainder Rwy 14-32 100' wide. Rwy 14-32 nstd twy separation 185'. Berm 36' high, north Rwy 14-32 65' from centerline. No touch and go ldgs Fri, Sat, Sun. Twys nstd markings, rwy hold markings on twys nstd placement. Twy lines do not ensure wingtip/rotor clnc at NW end of parallel twy. Ldg fee.

AIRPORT MANAGER: 732-751-0044

WEATHER DATA SOURCES: AWOS-3PT 121.625 (732) 938-3330.

COMMUNICATIONS: CTAF/UNICOM 123.0

Ⓡ MC GUIRE APP/DEP CON 126.475

CLNC DEL 126.15

CLEARANCE DELIVERY PHONE: For CD ctc Mc Guire Apch via freq, if una call 609-754-2767.

RADIO AIDS TO NAVIGATION: NOTAM FILE MIV.

COLTS NECK (L) (L) VORW/DME 115.4 COL Chan 101 N40°18.70' W74°09.58' 179° 7.7 NM to fld. 129/11W.

VOR portion unusable:

031°-179° byd 15 NM blo 6,000'

230°-240° byd 18 NM

241°-329° byd 15 NM blo 3,000'

351°-030° byd 30 NM blo 3,000'

Byd 30 NM blo 6,000'

DME portion unusable:

230°-240° byd 18 NM

ROBBINSVILLE (H) (H) VORTACW 113.8 RBV Chan 85 N40°12.14' W74°29.70' 103° 17.1 NM to fld. 248/10W.

TACAN AZIMUTH unusable:

105°-115° byd 30 NM

DME unusable:

075°-115° byd 25 NM

130°-160° byd 30 NM blo 4,000'

NEW YORK

H-101, 121, L-34H

IAP



BERLIN

PINE VALLEY (19N) 1 SW UTC-5(-4DT) N39°46.71' W74°56.87'

150 B NOTAM FILE MIV

RWY 05-23: H3094X45 (ASPH) MIRL 0.3% up SW

RWY 05: REIL. PVASI(PSIR)—GA 4.0° TCH 23'. Thld dspld 740'.
Trees.

RWY 23: REIL. PVASI(PSIR)—GA 4.0° TCH 40'. Thld dspld 239'.
Trees.

SERVICE: S4 **FUEL** JET A **LGT** Rwy 05 VGSI OTS indef. Rwy 23 VGSI OTS indef. Actvt REIL Rwy 05-23; MIRL Rwy 05-23—CTAF. Actvt rotg bcn—CTAF.

AIRPORT REMARKS: Attended 1400-2000Z†. Unattended Christmas and New Years Day. Deer and geese on and invof arpt. Trees along NW side of Rwy 05-23. Non-standard rwy and twy lgt spacing. Twy lines and rwy hold lns very faded. Rwy 05-23 lrg longl crack in mid of rwy.

AIRPORT MANAGER: 856-767-1233

COMMUNICATIONS: CTAF/UNICOM 123.0

Ⓡ **MC GUIRE APP/DEP CON** 126.475

CLEARANCE DELIVERY PHONE: For CD ctc Mc Guire Apch at 609-754-2767.

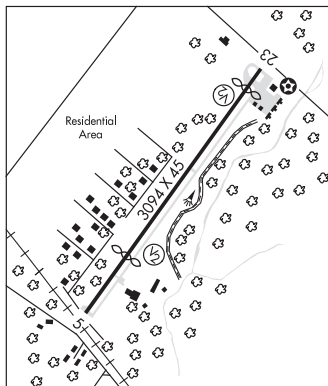
RADIO AIDS TO NAVIGATION: NOTAM FILE MIV.

CEDAR LAKE (L) (L) VORW/DME 115.2 VCN Chan 99 N39°32.26' W74°58.03' 014° 14.5 NM to fld. 120/10W.

WASHINGTON

L-34G, A

IAP



BLAIRSTOWN (1N7) 2 SW UTC-5(-4DT) N40°58.27' W74°59.85'

372 B NOTAM FILE MIV

RWY 07-25: H3112X70 (ASPH) MIRL

RWY 07: Thld dspld 318'. Trees.

RWY 25: Thld dspld 235'. Trees.

SERVICE: S4 **FUEL** 100LL **OX 2** **LGT** Actvt MIRL Rwy 07-25 CTAF.

AIRPORT REMARKS: Attended 1200-2300Z†. Gliders and tow airplanes opr from turf area just south of Rwy 07-25. 24 hr self svc fuel. Hill east of arpt may require pilots execute steep apch to Rwy 25.

AIRPORT MANAGER: 908-362-8965

COMMUNICATIONS: CTAF/UNICOM 123.0

Ⓡ **NEW YORK APP/DEP CON** 127.6 (from EAST)

Ⓡ **ALLENTOWN APP/DEP CON** 124.45 (from WEST)

CLEARANCE DELIVERY PHONE: For CD ctc Allentown Apch at 800-728-6322.

RADIO AIDS TO NAVIGATION: NOTAM FILE MIV.

STILLWATER (L) (L) VORW/DME 109.6 STW Chan 33 N40°59.75' W74°52.14' 267° 6.0 NM to fld. 920/11W.

DME unusable:

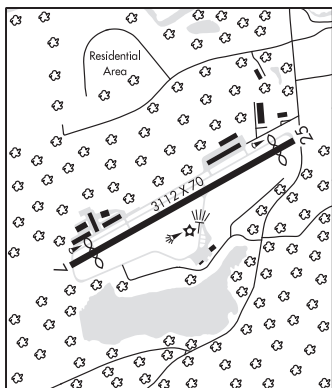
089°-099° within 12 NM blo 10,000'

210°-320° byd 30 NM blo 4,000'

NEW YORK

L-33A, 34H

IAP



BRIDGETON

BUCKS (ØØN) 3 NE UTC-5(-4DT) N39°28.42' W75°11.07'

108 NOTAM FILE MIV

RWY 18-36: 2420X150 (TURF) LIRL(NSTD) 0.4% up N

RWY 18: Tree.

RWY 36: Tree.

SERVICE: S2 **FUEL** 100LL **LGT** Actvt LIRL Rwy 18-36—CTAF. NSTD lgt config.

AIRPORT REMARKS: Unattended. Deer and birds on and invof arpt.

AIRPORT MANAGER: 609-805-0408

COMMUNICATIONS: CTAF 122.9

CLEARANCE DELIVERY PHONE: For CD ctc Washington ARTCC at 703-771-3587.

WASHINGTON

BROADWAY N40°47.91' W74°49.31' NOTAM FILE MIV.
 (L) **VOR/DME** 114.2 BWZ Chan 89 157° 12.4 NM to Somerset. 1050/11W.
 VOR portion unusable:
 125°-180° byd 15 NM blo 5,000'
 125°-240° blo 3,000'
 180°-210° byd 15 NM
 210°-235° byd 15 NM blo 5,000'
 DME portion unusable:
 297°-307° byd 20 NM blo 6,000'
 297°-307° byd 32 NM blo 8,000'

NEW YORK
 H-101, L-33A, 34H

BUCKS (See BRIDGETON on page 162)

CALDWELL

ESSEX CO (CDW)(KCDW) 2 N UTC-5(-4DT) N40°52.51' W74°16.88'

NEW YORK
 COPTER
 L-103, 34H
 IAP, AD

172 B TPA—See Remarks NOTAM FILE CDW

RWY 04-22: H4552X80 (ASPH-GRVD) S-30 HIRL

RWY 04: Thld dspcd 375'. Tree.

RWY 22: REIL. PAPI(P4R)—GA 3.0° TCH 42'. Thld dspcd 135'.

Trees. Rgt tfc.

RWY 10-28: H3719X75 (ASPH) S-30 MIRL

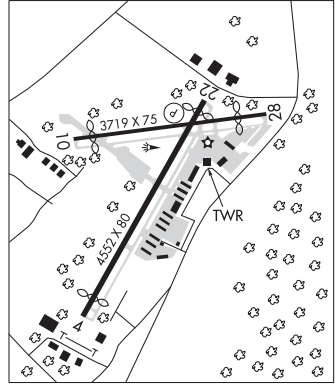
RWY 10: Thld dspcd 344'. Tree.

RWY 28: Thld dspcd 550'. Tree. Rgt tfc.

SERVICE: S4 **FUEL** 100LL, JET A **OX** 4 **LGT** When ATCT clsd, PAPI
 Rwy 22; HIRL 04-22; MIRL Rwy 10-28 opr consly. HIRL Rwy
 04-22; MIRL Rwy 10-28 preset to low instst. To incrs instst and actvt
 REIL Rwy 22—CTAF. Rwy 22 PAPI unusable byd 5° right of centerline
 due to obstruction.

NOISE: Non-standard traffic patterns for Rwy 04 prohibited due to noise
 sensitive area southwest of the airport.

AIRPORT REMARKS: Attended 1200-0400Z†. Local ops suspended
 Mon-Sat 0400-1200Z† and 0400Z† Sat-1500Z† Sun. Deer and
 birds on and invof arpt. Touch and go lds ltd to based acft only. TPA
 for large and turbojet acft 1699(1527), light acft 1199(1027). Fixed
 wing VFR acft dep: Rwy 04-fly rwy hdg for 1 mi, then turn crosswind
 if remaining in the tfc pat. If departing the tfc pat, cont on rwy hdg til
 reaching tfc pat alt. Fixed wing VFR acft dep: Rwy 10-fly hdg 080 deg
 at rwy dep end. Upon reaching 900 ft MSL, turn crosswind if remaining in the tfc pat; if departing the tfc pat, cont on hdg
 080 deg til reaching tfc pat alt. Fixed wing VFR acft dep: Rwy 22 fly rwy hdg til reaching 900 ft MSL then turn crosswind
 if remaining in the tfc pat. If departing the tfc pat, cont on rwy hdg til reaching tfc pat alt. Fixed wing VFR acft dep: Rwy
 28 fly rwy hdg for 1 mi then turn crosswind if remaining in the tfc pat. If departing the tfc pat, cont on rwy hdg til reaching
 tfc pat alt. Rotocraft: If psbl, cross the arpt bdy at or abv 700 ft MSL. Pilots be alert—the Morristown ILS and GPS Rwy
 23 approaches transit Essex Co Arpt Class D asp. Tfc passes two mi west of the arpt descending through 2000 ft MSL.
 Eng run-ups on Twy N at AER 28 shd be conducted to lmt efct to acft parked on RN Ramp. Ldg fee for all tran acft.



AIRPORT MANAGER: 973-227-4567

WEATHER DATA SOURCES: ASOS 135.5 (973) 575-4417.

COMMUNICATIONS: CTAF 119.8 ATIS 135.5 UNICOM 122.95

® **NEW YORK APP CON** 127.6

CALDWELL TOWER 119.8 (1200-0400Z)† **GND CON** 121.9 **CLNC DEL** 121.1

® **NEW YORK DEP CON** 119.2

CLEARANCE DELIVERY PHONE: For CD when ATCT is clsd ctc New York Apch at 800-645-3206

AIRSPACE: CLASS D svc 1200-0400Z†; other times CLASS G.

RADIO AIDS TO NAVIGATION: NOTAM FILE TEB.

TETERBORO (T) (T) VORW/DME 108.4 TEB Chan 21 N40°50.92' W74°03.73' 290° 10.1 NM to fld. 3/11W.

DME unusable:

060°-080° byd 22 NM blo 2,500'

081°-120° blo 4,000'

121°-180° blo 3,000'

236°-246°

VOR unusable:

081°-120° blo 4,000'

121°-180° blo 3,000'

236°-246°

LOC 109.35 I-CDW Rwy 22.

COMM/NAV/WEATHER REMARKS: Emerg frequency 121.5 not avbl at twr.

CAPE MAY CO (See WILDWOOD on page 184)

CEDAR LAKE N39°32.26' W74°58.03' NOTAM FILE MIV.
(L) (L) **VORW/DME** 115.2 VCN Chan 99 267° 3.8 NM to Kroelinger. 120/10W.

WASHINGTON
H-101, L-34G, A

CENTRAL JERSEY RGNL (See MANVILLE on page 169)

COLTS NECK N40°18.70' W74°09.58' NOTAM FILE MIV.
(L) (L) **VORW/DME** 115.4 COL Chan 101 179° 7.7 NM to Monmouth Exec. 129/11W.

NEW YORK
H-101, L-34H

VOR portion unusable:
031°-179° byd 15 NM blo 6,000'
230°-240° byd 18 NM
241°-329° byd 15 NM blo 3,000'
351°-030° byd 30 NM blo 3,000'
Byd 30 NM blo 6,000'

DME portion unusable:
230°-240° byd 18 NM

RCO 122.3 (MILLVILLE RADIO)

COYLE N39°49.04' W74°25.90' NOTAM FILE MIV.
(H) (H) **VORTACW** 113.4 CYN Chan 81 054° 9.1 NM to Ocean Co. 203/10W.

WASHINGTON
H-101, L-34G

VOR unusable:
044°-054° blo 3,800'

CROSS KEYS (17N) 1 S UTC-5(-4DT) N39°42.33' W75°01.98'
162 B TPA-1000(838) NOTAM FILE MIV

WASHINGTON
L-34G, A
IAP

RWY 09-27: H3500X50 (ASPH) S-13 RWY LGTS(NSTD) 0.7% up E

RWY 09: Trees. Rgt tfc.

RWY 27: Thld dspcd 200'. Tree.

SERVICE: **FUEL** 100LL, JET A **LGT** Rotating bcn opr SS-SR. Rwy 09-27
LIRL lgt spacing NSTD.

AIRPORT REMARKS: Attended 1300-2200Z±. Arpt unattended
Thanksgiving, Christmas, New Year's Day and Easter. Parachute
Jumping. Due to parachute drop zone on north side of arpt, all tfc is to
remain south of Rwy 09-27. Deer and birds on and invof arpt. Rwy 27
dspcd thld marked with lgts.

AIRPORT MANAGER: 856-629-3033

COMMUNICATIONS: **CTAF/UNICOM** 122.8

® **PHILADELPHIA APP/DEP CON** 127.35 133.875

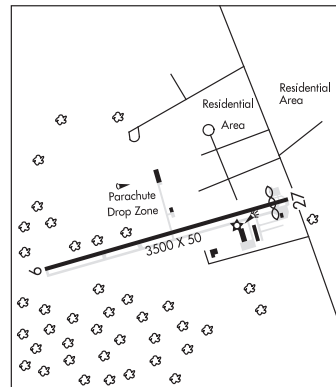
CLEARANCE DELIVERY PHONE: For CD ctc Philadelphia Apch at
800-354-9884.

RADIO AIDS TO NAVIGATION: NOTAM FILE MIV.

WOODSTOWN (L) (L) VORTACW 112.8 OOD Chan 75 N39°38.16'
W75°18.18' 082° 13.2 NM to fld. 147/10W.

VOR unusable:
039°-041° byd 20 NM blo 2,500'
090°-105°
159°-190°

DME unusable:
045°-065° byd 20 NM blo 2,500'
090°-105°



EAGLES NEST (See WEST CREEK on page 183)

ESSEX CO (See CALDWELL on page 163)

FLYING W (See LUMBERTON on page 168)

GREENWOOD LAKE (See WEST MILFORD on page 184)

HACKETTSTOWN (N05) 3 SW UTC-5(-4DT) N40°49.21' W74°51.31'

NEW YORK

670 NOTAM FILE MIV

RWY 05-23: H2200X50 (ASPH) S-5

RWY 05: Tree.

RWY 23: Tree.

SERVICE: S2 FUEL 100LL

AIRPORT REMARKS: Attended 1300-2300Z†. Deer and birds on and invof arpt. No ngt opns.

AIRPORT MANAGER: 908-303-8016

COMMUNICATIONS: CTAF 122.9

CLEARANCE DELIVERY PHONE: For CD ctc New York Apch at 800-645-3206.

HAMMONTON MUNI (N81) 3 NE UTC-5(-4DT) N39°40.05' W74°45.46'

WASHINGTON

65 B NOTAM FILE MIV

L-34G, A

RWY 03-21: H3601X75 (ASPH) S-12 MIRL

IAP

RWY 03: REIL. PAPI(P2L)—GA 3.5° TCH 25'. Trees.

RWY 21: REIL. PAPI(P2L)—GA 3.25° TCH 20'. Trees.

SERVICE: S4 FUEL 100LL, JET A LGT ACTIVATE REIL Rwy 03 and Rwy 21; MIRL Rwy 03-21—123.5. VGSI continuous.

AIRPORT REMARKS: Attended 1300Z†-dusk. Deer and birds on and invof arpt. On arpt maint ctc 609-567-5300. Rwy 03; parallel ditch first 500' of rwy rgt side within 100' of centerline.

AIRPORT MANAGER: (609) 567-4300

WEATHER DATA SOURCES: AWOS-AV 122.7.

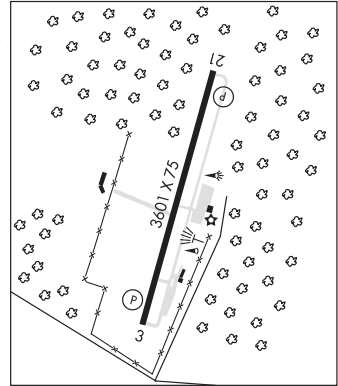
COMMUNICATIONS: CTAF/UNICOM 122.7

Ⓡ ATLANTIC CITY APP/DEP CON 134.25

RADIO AIDS TO NAVIGATION: NOTAM FILE MIV.

CEDAR LAKE (L) (L) VORW/DME 115.2 VCN Chan 99 N39°32.26' W74°58.03' 061° 12.4 NM to fld. 120/10W.

COMM/NAV/WEATHER REMARKS: Automated UNICOM; 3 clicks wx adzy. GCO avbl on freq 121.725.

**JOBSTOWN****REDWING** (2N6) 1 S UTC-5(-4DT) N40°01.63' W74°41.45'

NEW YORK

78 NOTAM FILE MIV

RWY 06-24: 1830X50 (TURF)

RWY 06: Trees.

RWY 24: Road.

RWY 11-29: 1590X70 (TURF) RWY LGTS(NSTD) 0.3% up E

RWY 11: Trees. Rgt tfc.

RWY 29: Tree.

SERVICE: S2 LGT Nstd lgtg Rwy 11-29 OTS indefly.

AIRPORT REMARKS: Attended irregularly. Deer and birds on and invof arpt. Tsnt acct call 609-915-2870 for gate acs.

AIRPORT MANAGER: 609-915-1280

COMMUNICATIONS: CTAF 122.9

CLEARANCE DELIVERY PHONE: For CD ctc Mc Guire Apch at 609-754-2767.

JOINT BASE MC GUIRE DIX LAKEHURST (See MC GUIRE FLD (JOINT BASE MC GUIRE DIX LAKEHURST) on page 169)**KROELINGER** (See VINELAND on page 183)

LAKEHURST MAXFIELD FLD (NEL)(KNEL) N (A) 3 W UTC-5(-4DT) N40°02.15' W74°21.08' **NEW YORK**
 101 B LRA NOTAM FILE MIV Not insp. **H-101, 121, L-34G**

RWY 06-24: H5002X150 (ASPH) PCN 21 F/A/W/T HIRL **DIAP, AD**
RWY 24: MALSR. PAPI(P4L)—GA 3.0° TCH 52'. Rgt tfc.

RWY 15-33: H5001X150 (ASPH) PCN 13 F/B/W/T
RWY 15: Rgt tfc.

RWY 063-243: H3500X90 (CONC) PCN 54 R/B/W/T

SERVICE: MILITARY—LGT Rotg bcn 110 deg 2 NM fm arpt. PCL-120.425, key 3 times for LIRL, 5 times for MIRL, 7 times for HIRL. MALSR are on same key code. Actvt Rwy 06-24 PCL on 120.425 when oper IAW UAO MOU. **FUEL A++** (Mil) Avbl 1230-2330Z†. **TRAN ALERT** Svc avbl 1230-2330Z† Mon-Fri. Advs prk Navy or Army line.

MILITARY REMARKS: Opr 1300-0100Z† Mon-Fri. Ext hr 0100-0500Z† Mon-Thu for scheduled C-17 and C-130 Assault Landing Zone (ALZ) NGT Vision Device (NVD) and lcl NJ ANG/USMC ops only. ALZ extended HRS for scheduled ACFT only. ALZ must be scheduled by the FLT crew at least 1 duty day prior to MSN execution. CLOSED Sat, Sun and federal hols, except for scheduled UTA trng. No acft opr will be apv outside these hrs wo 48 hr PPR. Wx observer only (ASOS avbl). First 150' of Rwy 06-24 conc, remaining 4700 asphalt. 180 deg turns restricted TI conc portions of rwys only. Rwy 06-24 has 150' W x 180' L conc pads instld at the thld for C-17 opr. 12000 ft test fac rwy 2 NM W clsd to tsnt tfc without PPR and previous fac brief. RWY 15-33 clsd to tran acft. RWY 15-33 Use for LCL assigned acft drg emerg or opr necessity only. Altn Indg zone is grooved. For cstms support ctc McGuire Fld ATOC at DSN X650-2231 at least 24 hrs prior to sked acft arr. **RSTD** PPR for all tran acft DSN 624-2758/4147, C732-323-2758/4147. Instrument apch not avbl during tethered Aerostat ops 3400' and blo (VMC only). **CAUTION** Bird and wildlife haz. Ancpt concentration of wtr fowl seagulls and sml birds blw 3000 ft. Epic twr coms are strictly advsy in nature. Info provided does not constitute ATC instr. Dur BASH Phase II, one-time dep/arr authd +/- 1 hr SR/SS under real-time BWC. Real-time BWC can only be determined when the field conditions are at least 3000ft/5 statute miles and if Tower can visually confirm a BWC less than SEVERE. Takeoffs and landings are not authorized unless approved by 305 OG/CC for 305 AMW, 514 AMW, and USAF transient aircraft or Operations Group Commander service equivalent for tenant units. Alfa alert acft are exempt from this requirement. Coord wvrs thru Comd Post. Helo pad spots 1 and 2 unlit, hanger 5 SE of helo spot 2 obst lgts inop, A/D wind cones obst lgts inop Rwy 06 and Rwy 15-33. No VFR signs at int of Rwy 15-33 and 06-24. No airfields signs at helo spots 1/2/3. Aircrew are required to flw taci fr twr atnm. Use ctn numerous horizontal cracks 5 in wide and deep starting 50 ft either side fr rwy edge inboard. Nmrs horizontal cracks 5 in wide and 5 in deep starting 50 ft either side fm rwy edge in board. **TFC PAT** Rgt tfc Rwy 15 and Rwy 24.

AIRPORT MANAGER: 609-754-2714
COMMUNICATIONS: SFA ATIS 276.525
 Ⓜ **MC GUIRE APP/DEP CON** 126.475 363.8
TOWER 127.775 360.2 340.2 1300-1700Z† Mon-Wed, 1300-0100Z† Thu-Fri.
GND CON 118.375 307.375

CLEARANCE DELIVERY PHONE: When ATCT clsd, for CD ctc Mc Guire Apch at 609-754-2767.
AIRSPACE: CLASS D svc 1300-1700Z† Mon-Wed, 1300-0100Z† Thu-Fri; other times CLASS G.
RADIO AIDS TO NAVIGATION: NOTAM FILE MIV.
NDB (MHW) 396 NEL N40°02.69' W74°20.13' at fld. 75/11W. unmonitored 2400-1200Z† Mon-Fri, h24 Sat, Sun and federal hol.
 NEL NDB monitor location: NEL ATCT
(T) TACAN Chan 55 NEL (111.8) N40°02.22' W74°21.19' at fld. 87/11W. TACAN unmonitored when field clsd.
ROBBINSVILLE (H) (H) VORTACW 113.8 RBV Chan 85 N40°12.14' W74°29.70' 156° 12.0 NM to fld. 248/10W.
 TACAN AZIMUTH unusable:
 105°-115° byd 30 NM
 DME unusable:
 075°-115° byd 25 NM
 130°-160° byd 30 NM blo 4,000'
COLTS NECK (L) (L) VORW/DME 115.4 COL Chan 101 N40°18.70' W74°09.58' 219° 18.7 NM to fld. 129/11W.
 VOR portion unusable:
 031°-179° byd 15 NM blo 6,000'
 230°-240° byd 18 NM
 241°-329° byd 15 NM blo 3,000'
 351°-030° byd 30 NM blo 3,000'
 Byd 30 NM blo 6,000'
 DME portion unusable:
 230°-240° byd 18 NM

LAKEWOOD (N12) 3 SE UTC-5(-4DT) N40°04.01' W74°10.65'

NEW YORK
L-34H
IAP

42 B NOTAM FILE MIV

RWY 06-24: H2987X60 (ASPH) S-25 MIRL 0.3% up SW

RWY 06: REIL. PAPI(P2R)—GA 3.0° TCH 15'. Thld dspclcd 261'. Trees.

RWY 24: REIL. PAPI(P2L)—GA 3.0° TCH 42'. Road. Rgt tfc.

SERVICE: S4 **FUEL** 100LL **LGT** ACTVT PAPI Rwy 06 and Rwy 24; MIRL Rwy 06-24—CTAF.

AIRPORT REMARKS: Attended May-Oct 1300-0100Z†. Nov-Apr 1300-2300Z†. Deer on and invof arpt. Heavy banner towing ops Apr-Oct. Svcs avbl aft hrs call 732-533-3062.

AIRPORT MANAGER: 732-363-6400

WEATHER DATA SOURCES: AWOS-AV 122.8 (732) 363-6471.

COMMUNICATIONS: CTAF/UNICOM 122.8

Ⓡ **MC GUIRE APP/DEP CON** 126.475

GCO 121.725 thru McGuire Apch Ctl

CLEARANCE DELIVERY PHONE: For CD use GCO 121.725, if una ctc Mc Guire Apch at 609-754-2767.

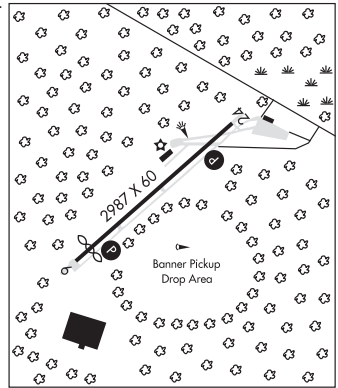
RADIO AIDS TO NAVIGATION: NOTAM FILE MIV.

COYLE (H) (H) VORTACW 113.4 CYN Chan 81 N39°49.04'

W74°25.90' 048° 19.0 NM to fld. 203/10W.

VOR unusable:

044°-054° blo 3,800'



LINCOLN PARK (N07) 2 N UTC-5(-4DT) N40°56.86' W74°18.87'

NEW YORK
COPTER
L-33A, 34H
IAP

181 B NOTAM FILE MIV

RWY 01-19: H2767X40 (ASPH) HIRL

RWY 01: Thld dspclcd 690'. Trees.

RWY 19: PAPI(P2L)—GA 4.0° TCH 30'. Thld dspclcd 95'. Stack.

SERVICE: S4 **FUEL** 100LL, JET A **OX** 4 **LGT** ACTVT HIRL Rwy 01-19—CTAF. Actvt high instst fst with 7 clicks bfr actvting lower inststs.

AIRPORT REMARKS: Attended Mon-Fri 1400Z†-dusk. Unattended Sat-Sun. Deer and birds invof rwy. Touch and go landings prohibited. Narrow taxilanes and twys caused by nstd clearances. Tsnt hel ops allowed with pre-apvl only, call 973-628-7166.

AIRPORT MANAGER: 973-628-7166

COMMUNICATIONS: CTAF/UNICOM 122.8

Ⓡ **NEW YORK APP/DEP CON** 127.6

GCO 121.725 (MILLVILLE RADIO)

CLEARANCE DELIVERY PHONE: For CD ctc New York Apch at 800-645-3206.

RADIO AIDS TO NAVIGATION: NOTAM FILE MIV.

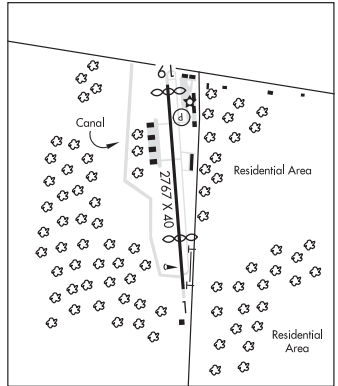
SPARTA (H) (H) VORTACW 115.7 SAX Chan 104 N41°04.05'

W74°32.30' 136° 12.5 NM to fld. 1400/11W.

VOR unusable:

075°-085° blo 6,500'

155°-165°



LINDEN (LDJ)(KLDJ) 1 SE UTC-5(-4DT) N40°37.05' W74°14.68'

**NEW YORK
COPTER**
L-33A, 34H
IAP

22 B TPA—See Remarks NOTAM FILE MIV

RWY 09-27: H4140X100 (ASPH) S-31.5, D-42 MIRL

RWY 09: REIL. VASI(V2R)—GA 3.8° TCH 60'. Thld dsplcd 462'. Pole.

RWY 27: REIL. VASI(V2L)—GA 3.5° TCH 40'. Thld dsplcd 541'. Antenna.

SERVICE: S2 **FUEL** 100LL, **JET A** **LGT** Actvt MIRL Rwy 09-27; VASI Rwy 09 and 27; and REIL Rwys 09 and 27—CTAF. Rwy 09 VASI unusbl byd 6 degs right and left of cntrln. Rwy 27 VASI unusbl byd 2 degs right of cntrln.

NOISE: Noise abatement procedures in effect.

AIRPORT REMARKS: Attended Oct-Apr 1330-2300Z†, May-Sep 1200-0130Z†. Deer and birds on and invof arpt. Touch and go lds for base assigned acft, all others ctc arpt manager 908-862-8800 for PPR. TPA—800' MSL, Rwy 09 enter ttc pat upwind, entries other rwys standard. Departing Rwy 27 depart straight out to 800'. Rwy 09 VASI is baffled to cut off the lgt beam at 6° each side of rwy centerline extended, total usable width is 12°. Rwy 09-27 rwy shoulder markings nstd. Ldg fee.

AIRPORT MANAGER: 908-862-5557

WEATHER DATA SOURCES: AWOS-3 124.025 (908) 862-7383.

COMMUNICATIONS: CTAF/UNICOM 123.0

Ⓡ **NEW YORK APP CON** 128.55

CLNC DEL 127.25

Ⓡ **NEW YORK DEP CON** 119.2

RADIO AIDS TO NAVIGATION: NOTAM FILE JFK.

CANARSIE (T) (T) VORW/DME 112.3 CRI Chan 70 N40°36.75' W73°53.67' 282° 16.0 NM to fld. 4/11W.

VOR unusable:

047°-175°

224°-035°

COMM/NAV/WEATHER REMARKS: Clnc Del provided on frequency 127.25 by Newark twr, or ctc New York Apch at 800-645-3206.

LITTLE FERRY SPB (2N7) 1 E UTC-5(-4DT) N40°51.01' W74°01.98'

**NEW YORK
COPTER**

00 TPA—500(500) NOTAM FILE MIV

WATERWAY 01W-19W: 5500X150 (WATER)

WATERWAY 01W: Tower.

WATERWAY 19W: Bridge. Rgt tfc.

SEAPLANE REMARKS: Unattended. Dalgt use only. Ldg area usbl; hwvr, dckg cpty is ltd to two seaplanes. Call amgr for dckg purposes.

AIRPORT MANAGER: 201-264-6728

COMMUNICATIONS: CTAF/UNICOM 122.8

CLEARANCE DELIVERY PHONE: For CD ctc New York Apch at 800-645-3206.

LUMBERTON

FLYING W (N14) 1 SW UTC-5(-4DT) N39°56.06' W74°48.43'

**WASHINGTON
L-34G, A**
IAP

49 B NOTAM FILE MIV

RWY 01-19: H3496X75 (ASPH) MIRL 0.4% up N

RWY 01: REIL. PAPI(P2L)—GA 3.5° TCH 26'. Trees. Rgt tfc.

RWY 19: REIL. PAPI(P2L)—GA 3.2° TCH 22'.

SERVICE: S2 **FUEL** 100LL, **JET A** **LGT** ACTIVATE MIRL Rwy 01-19 PAPI and REIL Rwys 01 and 19, and twy lghts—CTAF. Rwy 01-19 REILS inop.

AIRPORT REMARKS: Attended Apr-Oct 1200-0200Z†, Nov-Mar 1200-0000Z†. Deer & birds on & invof arpt. East-west ravine crosses extended centerline Rwy 01 100' from thld. Deep retention pond 23' west of parallel twy centerline north of ops building.

AIRPORT MANAGER: 609-267-7673

COMMUNICATIONS: CTAF/UNICOM 122.8

Ⓡ **MC GUIRE APP/DEP CON** 126.475

CLEARANCE DELIVERY PHONE: For CD ctc Mc Guire Apch at 609-754-2767.

RADIO AIDS TO NAVIGATION: NOTAM FILE MIV.

ROBBINSVILLE (H) (H) VORTACW 113.8 RBV Chan 85 N40°12.14' W74°29.70' 232° 21.6 NM to fld. 248/10W.

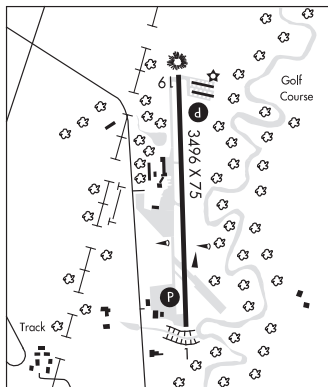
TACAN AZIMUTH unusable:

105°-115° byd 30 NM

DME unusable:

075°-115° byd 25 NM

130°-160° byd 30 NM blo 4,000'



MANVILLE

CENTRAL JERSEY RGNL (47N) 1 S UTC-5(-4DT) N40°31.47' W74°35.90'

86 B NOTAM FILE MIV

RWY 07-25: H3507X50 (ASPH) S-30 LIRL 0.6% up SW

RWY 07: PAPI(P2L)—GA 3.4° TCH 36'. Thld dspcd 580'. Railroad.

RWY 25: PAPI(P2L)—GA 3.3° TCH 40'. Thld dspcd 262'. Trees.

SERVICE: S4 FUEL 100LL

AIRPORT REMARKS: Attended 1300Z±—dusk except for Christmas and New Year. Deer and birds on and invof arpt. Banner tow ops SW Rwy 07.

AIRPORT MANAGER: 908-526-2822

COMMUNICATIONS: CTAF/UNICOM 122.7

Ⓡ NEW YORK APP/DEP CON 132.8

CLEARANCE DELIVERY PHONE: For CD ctc New York Apch at 800-645-3206.

RADIO AIDS TO NAVIGATION: NOTAM FILE IPT.

YARDLEY (L) (L) VORW/DME 108.2 ARD Chan 19 N40°15.20' W74°54.46' 051° 21.6 NM to fld. 294/10W.

VOR unusable:

020°-040°

195°-225° byd 25 NM blo 5,000'

250°-265° blo 3,500'

266°-280° byd 20 NM blo 5,000'

281°-300° byd 14 NM blo 6,000'

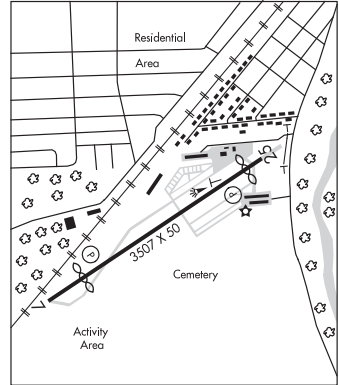
DME unusable:

225°-275° byd 25 NM blo 5,000'

NEW YORK

L-33A, 34H

IAP



MC GUIRE FLD (JOINT BASE MC GUIRE DIX LAKEHURST) (WRI)(KWRI) AF (A ANG) 2 SE

UTC-5(-4DT) N40°00.94' W74°35.50'

141 B TPA—See Remarks LRA NOTAM FILE WRI Not insp.

RWY 06-24: H10014X150 (ASPH-CONC-GRVD) PCN 40 F/A/W/T HIRL CL

RWY 06: ALSF2. TDZL. PAPI(P4L)—GA 3.0° TCH 76'. RVR-TMR

RWY 24: ALSF1. PAPI(P4L)—GA 3.0° TCH 76'. RVR-TR Rgt tfc.

RWY 18-36: H7126X150 (CONC) PCN 45 F/A/W/T HIRL

RWY 18: REIL. PAPI(P4L)—GA 3.0° TCH 68'. RVR-TR Rgt tfc.

RWY 36: REIL. PAPI(P4L)—GA 3.0° TCH 46'. RVR-TR

SERVICE: S4 OX 1, 2 MILITARY—JASU (C-26) (MD-3) 6(MA-1A) 1(MA-1) FUEL A++ FLUID SP PRESAIR LHOX LOX (C-5, KC-10, 747 de-icing ltd to wg only. 3 hr PN rqr). OIL O-128-133-148-156 TRAN ALERT Svc avbl H24 dly.

MILITARY REMARKS: CAUTION Rwy 18-36 only has 200 ft paved asphalt non-grooved overruns, remainder of rwy not grooved. NSTD mrk on victor row for alert MSN, X-RAY Row (PRIM), and Romeo Row (ALTN) for combat off load ops. Extv non-ctl VFR acft within 20 NM of aprt. Rwy 18-36 spot ldg zone markings mid-fld. Use extreme caution for extv UAS ops invof R-5001. ASA ramp opr 1230-2130Z± wkd. Wkend hr by prior apvl. Fac lctd on SW side of afld. 72 hr PPR for Army ramp and ldg all lctn on Ft Dix reservation DSN 562-3451, cell 609-649-3743. Tran acft ctc Army Ops prior to ldg. TFC PAT TPA for copter 600(459), Lgt acft 800(659), Rectangular 1600(1459), Overhead 2100(1959). Rgt tfc Rwy 24 and Rwy 18. MISC All classified material must be stored at the JB Comd Post DSN 650-3935/3936. Afld mgmt has no classified storage capabilities. Rwy condition codes (RWYCC) unavailable. All tran acft rqr PPR. Req apvl thru afld mgmt ops DSN 650-2714, C609-754-2714; PPRs will be req no earlier than seven days, and no later than 24 hr prior to arr, 48 hr for acft carrying dangerous/haz cargo. Aircrews with apv PPR that deviate from coord arr time by more than one hr must notify AMOPS ASAP. If no notification rcvd after one hr, PPR will be terminated. Normal BASH Phase II period from 1 Nov-31 Mar; OT by NOTAM. Ctc Afld Mgmt OPS for current Bird Watch cond. AN/FMQ 19 automated observing sys in use, augmented by human obs when nec durg airfield hrs. Vis of airfield rstr fr base wx ops NW SE durg man augmentation by wx forecaster. Wx svc avbl H24. Wx fit DSN 650 1130, C609 754 1130. When wx svc clsd, tran crews ctc 15 OPR Wx sqdn (OWS) at SCOTT AFB H24 DSN 576 9755/9702, C618 256 9755/9702. Durg evac of wx fit ctc 15OWS at nr abv. Ron tran crew rqr wx brief prior to ldg ATC will suppl obs as needed. RSTD All inbd PAX/cargo acft ctc Comd Post no later than 30 min prior to ldg. Dur BASH Phase II, one-time dep/arr auth 'd +/- 1 hr SR/SS under real-time BWC. Real-time BWC can only be determined when the fld cond are at least 3000 ft/5 statute miles and if twr can visually confirm a BWC less than SEVERE. Tkooff and ldg are not authorized unless apv by 305 OG/CC for 305 AMW, and USAF tran acft or Ops Gp Comdr scv equivalent for tenant units. Alfa alert acft are exempt from this requirement. Coord waivers thru Comd Post. Tran acft rqr cust must coord with airfield mgmt at time of PPR req. RWY First 431' Rwy 36 conc remaining 6695' asph. Rwy 06-24 under runs avbl for dep. 180 deg turns rstd to conc portions of rwy only. First 1000' of Rwy 06 and Rwy 24 are grvd conc, remainder of rwy grvd asph. Rwy 06-24 has hardened and non-grvd ovms.

AIRPORT MANAGER: 609-754-6466

NEW YORK

H-101, 121, L-34G

DIAP, AD

CONTINUED ON NEXT PAGE

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COMMUNICATIONS: SFA PTD 372.2 D-ATIS 110.6 270.1 DSN 650-2847

① APP/DEP CON 126.475 363.8 (Arr sector for IFR radar pattern when open is 120.25/290.9)

TOWER 118.65 255.6 257.8 GND CON 121.8 275.8 CLNC DEL 135.2 335.8

COMD POST 134.1 237.15 (Use 237.15 within 75 NM of arpt. If 237.15 is inop, use 134.1 (call Brickyard))

108 ANG COMD POST 251.2 321.0 (call Torch Ctl) DSN 650-2127 PMSV METRO 239.8 AN/FMQ-19 Automated Observing Sys in use, augmented by human obsn when nec dur afd hr. Vis of afd rstd fr base wx ops NW-SE dur manual augmentation by wx fcstr. Wx svc avbl H24. Wx fit DSN 650-3992/3568, C609-754-3992/3568. When wx svc clsd, tran crews ctc 15 Opr Wx Squadron (OWS) at Scott AFB H24 DSN 576-9755/9720, C618-256-9755/9720. Dur evac of wx fit ctc 15 OWS at nr abv. RON tran crew req wx brief prior to ldg. ATC will supplement obsn as needed. ARMY OPS 36.3 FT DIX RNG 34.0 41.0 RANGE CTL 34.3

AIRSPACE: CLASS D.

RADIO AIDS TO NAVIGATION: NOTAM FILE WRI.

(L) (L) VORTACW 110.6 GXU Chan 43 N40°00.57' W74°35.79' at fld. 119/12W.

VOR unusable:

165°-265° byd 15 NM

165°-265° byd 8 NM blo 2,000'

266°-269°

270°-285° byd 15 NM

286°-330° byd 35 NM blo 3,000'

355°-060° byd 20 NM

TACAN AZIMUTH unusable:

165°-285° byd 12 NM blo 2,000'

165°-285° byd 15 NM

355°-060° byd 20 NM

VOR & TACAN No NOTAM MP 1100-1300Z‡ Mon and thr

DME unusable:

165°-285° byd 12 NM blo 2,000'

165°-285° byd 15 NM

355°-060° byd 20 NM

ILS 110.1 I-WRI Rwy 06. Class IID. PAR- apch dly fr 1100-0300Z‡ contingent upon par controller avbl and/or deployed status of mobile PAR. 108 ANG Comd Post - 303.0 remarks: (call Torch Control) DSN 650-2127.

ILS/Radar-Radar: between 0300-1100Z‡, PAR avbl for full stop ldg only when wx is blw TACAN min. No NOTAM MP: 1100-1300Z‡ Tue, Wed, Fri.

ILS 110.1 I-JTQ Rwy 24. Class ID. No NOTAM MP: 1100-1300Z‡ Tue, Wed, Fri. Autopilot cpd apchs na blw 580' MSL.

COMM/NAV/WEATHER REMARKS: See Terminal FLIP for Radar minima. Radar No NOTAM MP Mon-Thur 0930-1130Z‡, Fri 0730-1130Z‡, Sat 1100-1500Z‡.

MILLVILLE MUNI (MIV)(KMIV) 3 SW UTC-5(-4DT) N39°22.07' W75°04.33'

85 B NOTAM FILE MIV

RWY 10-28: H6003X150 (ASPH-GRVD) S-120, D-179, 2S-83, 2D-263 PCN 55 F/D/W/T MIRL

RWY 10: MALSR. PAPI(P4L)—GA 3.0° TCH 53'. Trees.

RWY 28: PAPI(P4L)—GA 3.0° TCH 29'. Trees.

RWY 14-32: H5058X150 (CONC) S-40, D-65, 2S-83, 2D-125 MIRL

RWY 14: PAPI(P4L)—GA 3.0° TCH 48'. Trees.

RWY 32: PAPI(P4L)—GA 3.0° TCH 39'. Trees.

SERVICE: S8 FUEL 100LL, JET A LGT ACTIVATE MALSR Rwy 10; MIRL Rwy 10-28 and Rwy 14-32—CTAF.

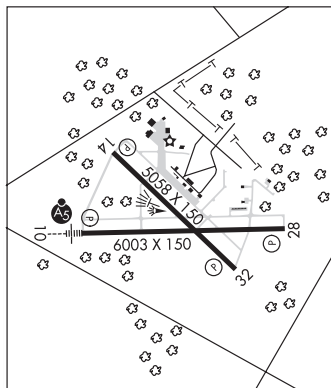
AIRPORT REMARKS: Attended 1300-2300Z‡. Birds on and invof arpt. PAEW within all rwy and twy safety areas daily May-Oct. All ultralight acft, glider ops and formation fits PPR. Call (856) 825-1244 Mon-Fri 1300-2100Z‡. Self-svc fuel avbl 24 hrs with credit card. Main apron clsd to tran acft north of Twy K. Twy G not to be used by acft with wingspan gtr than 48' north of Twy A. Fence line 44' north of Twy G cntrln, north of Twy A. Rwy 10 calm wind rwy.

AIRPORT MANAGER: 856-825-1244

WASHINGTON

H-101, 12J, L-34G, A

IAP



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WEATHER DATA SOURCES: ASOS 119.6 (856) 327-3455.

COMMUNICATIONS: CTAF/UNICOM 123.0

RCO 122.2 (MILLVILLE RADIO)

Ⓡ ATLANTIC CITY APP/DEP CON 124.6

CLEARANCE DELIVERY PHONE: For CD if una to ctc on FSS freq, ctc Atlantic City Approach at 609-485-6193.

AIRSPACE: CLASS E.

RADIO AIDS TO NAVIGATION: NOTAM FILE MIV.

CEDAR LAKE (L) (L) VORW/DME 115.2 VCN Chan 99 N39°32.26' W74°58.03' 216° 11.3 NM to fld. 120/10W.

RAINBOW NDB (HW) 363 RNB N39°25.09' W75°08.10' 147° 4.2 NM to fld. 92/11W.

ILS 110.9 I-MIV Rwy 10. Class IA. Unmonitored. Autopilot cpd apch NA blw 300 MSL.

MONMOUTH EXEC (See BELMAR/FARMINGDALE on page 161)

MORRISTOWN MUNI (MMU)(KMMU) P (A) 3 E UTC-5(-4DT) N40°47.96' W74°24.89'

NEW YORK

187 B TPA—See Remarks NOTAM FILE MMU

COPTER

RWY 05-23: H5998X150 (ASPH-GRVD) S-30, D-80, 2S-101

H-101, 12J, L-33A, 34H

PCN 25 F/C/X/T HIRL

IAP, AD

RWY 05: REIL. Trees.

RWY 23: MALSR.

RWY 13-31: H3997X150 (ASPH-GRVD) S-30 PCN 11 F/C/X/T MIRL

RWY 13: Trees.

RWY 31: REIL. PAPI(P2L)—GA 3.5° TCH 39'. Trees.

SERVICE: FUEL 100LL, JET A, A+ OX 1, 2, 3, 4 LGT Dusk-Dawn;

ACTVT HIRL Rwy 05-23, MIRL Rwy 13-31, REIL Rwy 05 and 31,

MALSR Rwy 23, and PAPI Rwy 31—CTAF. MILITARY—FUEL (NC-100LL, A+)

NOISE: Noise abatement procedures in effect, ctc Noise Abatement Office 973-538-3366 extension 122. All arrival/departure acct follow manufacturers recommended procedures for quiet ops and minimum noise. Voluntary noise abatement proc include avoiding TGL ops on Rwy 13-31.

AIRPORT REMARKS: Attended 1145-0330Z†. Birds and deer on and invof arpt. When twr clsd all acct and vehicles must state intentions on CTAF before ops on any rwy. ARFF svc avbl 24 hrs daily. For ARFF svcs when twr clsd ctc ARFF station—CTAF or 973-455-1953. Inbound tfc request FBO svcs, instructions, and ramp advisories 30 min prior to arrival. After ldg ctc FBO again 129.6 for preferred ramp entrance to Twy D or Twy J. No TGL on Rwy 13-31 unless the crosswind vclty for Rwy 05-23 exceeds 10 kts. No turbojet ldg on Rwy 13 and Rwy 31 unless the cross wind velocity for Rwy 05-23 exceeds 16 kts. TPA—1200(1013) lgt acct, 1700(1513) heavy acct. Acct carrying explosive cargo PPR before ldg, call 973-538-6400. Helicopter ops over residential areas blo 1000' MSL should be avoided. Route 80 visual apch preferred for Rwy 23. During snow removal ops 15 minute prior notice required on 118.1 and no practice low apchs or touch and go lds. Taxilane K N of FBO ramp, no hel or acct with a wingspan grtr than 50 ft. US Customs avbl Mon-Fri 1300-2100Z†, between 2101-1259Z† and weekends call 973-267-0302 for appointment. Morristown customs association fees apply, ctc arpt manager 973-538-6400 for details. Stage I departure fee 0400-1145Z†. Ldg fee. User fee arpt. Flight Notification Service (ADCUS) avbl.

AIRPORT MANAGER: 973-538-6400

WEATHER DATA SOURCES: AWOS-3 (973) 290-0135 LAWRS.

COMMUNICATIONS: CTAF 118.1 ATIS 124.25

Ⓡ NEW YORK APP CON 127.6

TOWER 118.1 (1145-0330Z†) GND CON 134.2 CLNC DEL 128.6

Ⓡ NEW YORK DEP CON 119.2

CLEARANCE DELIVERY PHONE: For CD when ATCT is clsd ctc New York Apch at 800-645-3206.

AIRSPACE: CLASS D svc 1145-0330Z†; other times CLASS G.

RADIO AIDS TO NAVIGATION: NOTAM FILE TEB.

TEREBORO (T) (T) VORW/DME 108.4 TEB Chan 21 N40°50.92' W74°03.73' 271° 16.3 NM to fld. 3/11W.

DME unusable:

060°-080° byd 22 NM blo 2,500'

081°-120° blo 4,000'

121°-180° blo 3,000'

236°-246°

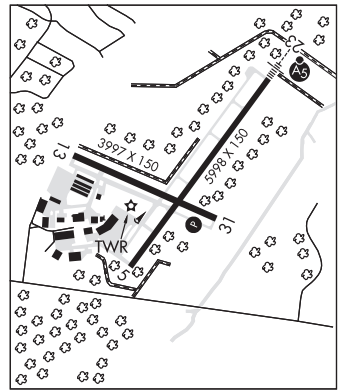
VOR unusable:

081°-120° blo 4,000'

121°-180° blo 3,000'

236°-246°

ILS 110.3 I-MMU Rwy 23. Class IB. Unmonitored when ATCT closed. Glideslope unusable for cpd apchs blw 875'.



MOUNT HOLLY

SOUTH JERSEY RGNL (VAY)(KVAY) 4 SW UTC-5(-4DT) N39°56.57' W74°50.75'

WASHINGTON
L-34G, A
IAP

53 B TPA—853(800) NOTAM FILE VAY

RWY 08-26: H3881X50 (ASPH) S-30 MIRL

RWY 08: REIL. PAPI(P2R)—GA 3.25° TCH 45'. Tree.

RWY 26: REIL. PAPI(P2R)—GA 3.0° TCH 40'. Tree. Rgt tfc.

SERVICE: S4 FUEL 100LL, JET A LGT ACTIVATE MIRL Rwy 08-26 and REIL Rwy 08 and Rwy 26—123.3.

AIRPORT REMARKS: Attended Apr-Oct 1300-0100Z, Nov-Mar 1300-2300Z. Arpt unatndd Thanksgiving & Christmas Day. Christmas & Thanksgiving eve hrs 1300-1700Z. New Years Day hrs 1600-2300Z. Jet A fuel avbl 24 hr self svc with credit card or truck during attended hrs. Deer on and invof arpt. Helicopter tkfs and ldfs restricted to Rwy 08-26 only. Balls marking p-lines on apch to Rwy 08 faded. Trees along sides of rwy primarily northwest. Avoid overflying housing area WNW of arpt blo 300' when in the traffic pattern for Rwy 08. Parallel twy nstd with 18' asphalt. Rwy 08 VGS1 and descent angles not coincident.

AIRPORT MANAGER: 609-267-3131

WEATHER DATA SOURCES: ASOS 119.325 (609) 267-1176.

COMMUNICATIONS: CTAF/UNICOM 122.8

Ⓜ **MC GUIRE APP/DEP CON** 126.475

CLEARANCE DELIVERY PHONE: For CD ctc Mc Guire Apch at 609-754-2767.

RADIO AIDS TO NAVIGATION: NOTAM FILE MIV.

ROBBINSVILLE (H) (H) VORTACW 113.8 RBV Chan 85 N40°12.14' W74°29.70' 236° 22.4 NM to fld. 248/10W.

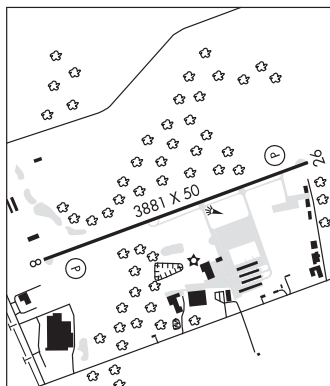
TACAN AZIMUTH unusable:

105°-115° byd 30 NM

DME unusable:

075°-115° byd 25 NM

130°-160° byd 30 NM blo 4,000'



NEWARK LIBERTY INTL (EWR)(KEWR) 3 S UTC-5(-4DT) N40°41.55' W74°10.12'

NEW YORK
COPTER
H-101, 121, L-33A, 34H
IAP, AD

17 B LRA Class I, ARFF Index E NOTAM FILE EWR

RWY 04L-22R: H11000X150 (ASPH-CONC-GRVD) D-210, 2D-520, 2D/2D2-1000 PCN 96 R/B/X/T HIRL CL

RWY 04L: MALSR. TDZL. PAPI(P4L)—GA 3.1° TCH 77'. RVR-TMR Thld dsplcd 2540'. Tree.

RWY 22R: MALSR. TDZL. REIL. PAPI(P4L)—GA 3.1° TCH 70'. RVR-TMR Thld dsplcd 1440'. Pole.

RWY 04R-22L: H10000X150 (ASPH-GRVD) D-210, 2D-520, 2D/2D2-1000 PCN 96 R/B/W/T HIRL CL

RWY 04R: ALSF2. TDZL. PAPI(P4L)—GA 2.95° TCH 71'. RVR-TMR Thld dsplcd 1190'. Pole.

RWY 22L: ALSF2. TDZL. PAPI(P4L)—GA 3.0° TCH 60'. RVR-TMR Thld dsplcd 1793'. Antenna.

RWY 11-29: H6726X150 (ASPH-GRVD) D-210, 2D-520, 2D/2D2-1000 PCN 96 R/B/W/T HIRL CL

RWY 11: TDZL. REIL. PAPI(P4R)—GA 3.0° TCH 60'. RVR-TMR Bldg.

RWY 29: TDZL. REIL. PAPI(P4R)—GA 3.0° TCH 60'. Thld dsplcd 224'. Sign.

LAND AND HOLD-SHORT OPERATIONS

LDG RWY	HOLD-SHORT POINT	AVBL LDG DIST
RWY 04L	11-29	7750
RWY 04R	11-29	8100
RWY 11	04R-22L	5700

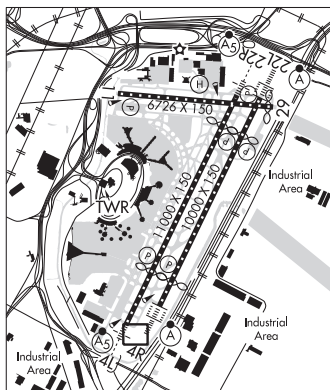
RUNWAY DECLARED DISTANCE INFORMATION

RWY 04L:	TORA-11000	TODA-11000	ASDA-11000	LDA-8460
RWY 04R:	TORA-10000	TODA-10000	ASDA-10000	LDA-8810
RWY 11:	TORA-6726	TODA-6726	ASDA-6726	LDA-6726
RWY 22L:	TORA-10000	TODA-10000	ASDA-10000	LDA-8207
RWY 22R:	TORA-11000	TODA-11000	ASDA-11000	LDA-9560
RWY 29:	TORA-6726	TODA-6726	ASDA-6726	LDA-6502

ARRESTING GEAR/SYSTEM

RWY 11: EMAS

RWY 29: EMAS



CONTINUED ON NEXT PAGE

NE, 25 JAN 2024 to 21 MAR 2024

CONTINUED FROM PRECEDING PAGE

SERVICE: S4 FUEL 100LL, JET A OX3 LGT Rwy status lgts in opr. Rwy 29 PAPI unusbl 4° left of cntrln.

NOISE: Noise restrictions call 212-435-3784 during normal business hrs.

AIRPORT REMARKS: Special Air Traffic Rules--Part 93. Attended continuously. Flocks of birds on and in/ovf airport. Para-sail and banner towing ops 1000' and blo in upper and lower New York bays including Rockaway Inlet indef. High volume of low level helicopter tfc arriving and departing Helo Kearny Heliport (65NJ) located 3.5 miles northeast of the arpt. Expect to leave and re-enter the Class B Airspace during moderate to heavy arrival periods. Rwy 04L-22R, south 1779' conc, north 1228' conc, center 7993' asph. ASDE-X in use. Operate transponders with altitude reporting mode and ADS-B (if equipped) enabled on all airport surfaces. Rwy 04R and Rwy 04L departures use upper antenna for ATC communications. When Rwy 04R/L in use, acft prkg at Trml A can exp to enter ramp via Twy A8, unless adzbd by ATC. When Rwy 022L/R in use, acft prkg at Trml A can exp to enter ramp via Twy A10 or A12, unless adzbd by ATC. Twy Z between Twy Z2 and Twy Z4 clsd to acft with wingspans in excess of 171'. ADG IV acft restriction from passing Twy Z3 on Twy Z. Twy Z east of Twy U acft speed restriction of 17kts/20mph max for all acft with wingspans in excess of 171'. All twys surrounding "Ballpark" parking area (Twy Y btn Twy S and Twy U, Twy S btn Twy Y and Twy K, Twy K btn Twy S and Twy B, Twy B btn Twy K and Twy U and Twy U btn Twy B and Twy Y) acft speed restriction of 17kts/20mph for all acft with wingspans in excess of 171'. Twy EE btn Rwy 04R-22L and Rwy 11-29 clsd to acft with wingspans in excess of 171'. Twy Y btn RM and Twy U, speed restriction of 17 kts (20 mph). Twy A btn Twy AA and ramp clsd to acft with wingspans in excess of 171 ft. Twy Z5 clsd to acft with wingspans in excess of 118'. Twy A11 W of Twy A acft spd rst of 17 kts/20 mph max for all acft with wingspans in excess of 171'. Acft with wingspans in excess of 118' prohibited from turning S on Twy R from Twy B1. GA/intrnt ldg fees payable by major credit cards only. Ldg fee. Flight Notification Service (ADCUS) avbl.

AIRPORT MANAGER: 973-961-6161

WEATHER DATA SOURCES: ASOS (973) 621-2892 LLWAS. TDWR.

COMMUNICATIONS: D-ATIS ARR 115.7 D-ATIS SOUTH ARR 134.825 (973) 824-4417. UNICOM 122.95

Ⓡ NEW YORK APP/DEP CON 132.8 (241°-269°) 128.55 (090°-240°) 127.6 (270°-330°) 132.7 (331°-089°)

Ⓡ NEW YORK APP/DEP CON 119.2

TOWER 118.3 134.05 GND CON 121.8 126.15 CLNC DEL 118.85

PRE TAXI CLNC 118.85 RAMP CTL 132.45

CPDLC DCL (LOGON KUSA)

PDC

AIRSPACE: CLASS B See VFR Terminal Area Chart.

RADIO AIDS TO NAVIGATION: NOTAM FILE TEB.

TETERBORO (T) (T) VORW/DME 108.4 TEB Chan 21 N40°50.92' W74°03.73' 218° 10.6 NM to fld. 3/11W.

DME unusable:

060°-080° byd 22 NM blo 2,500'

081°-120° blo 4,000'

121°-180° blo 3,000'

236°-246°

VOR unusable:

081°-120° blo 4,000'

121°-180° blo 3,000'

236°-246°

(T) DME 113.75 EWR Chan 84(Y) N40°40.46' W74°10.68' 021° 1.2 NM to fld. 9. NOTAM FILE EWR.

ILS/DME 110.75 I-EWR Chan 44(Y) Rwy 04L. Class IID. DME shared with ILS Rwy 22R.

ILS/DME 108.7 I-EZA Chan 24 Rwy 04R. Class IIIE. DME serves Rwy 04L and Rwy 22L. DME unusable byd 15 NM.

ILS/DME 109.15 I-GPR Chan 28(Y) Rwy 11. Glideslope unusable byd 5° right and left of ctrln. LOC unusable byd 25° left of course. Autopilot cpd apch not avbl blw 350' MSL. Glideslope unusable within 0.7 NM blw 300'.

ILS/DME 108.7 I-LSQ Chan 24 Rwy 22L. Class IIIE. LOC unusable byd 20° left of course.

ILS/DME 110.75 I-JNN Chan 44(Y) Rwy 22R. Class IT. AYRON OM is also used for Rwy 22L. DME shared with ILS Rwy 04L. Localizer unusable byd 20° left of course.

COMM/NAV/WEATHER REMARKS: Durg ATC zero events; arpt ops will mnt 118.3 and provide emerg notifications to ARFF.

• • • • •
HELIPAD H1: H54X54 (ASPH) PERIMETER LGTS

HELIPORT REMARKS: Helipad H1 perimeter lgts. Brewster pad; H1 located on Twy Z5. Ops limits are D65.

OCEAN CITY MUNI (26N) 2 SW UTC-5(-4DT) N39°15.81' W74°36.45'

WASHINGTON

6 NOTAM FILE MIV

L-34G

RWY 06-24: H2972X60 (ASPH) S-12.5 MIRL

RWY 06: PAPI(P2R)—GA 3.5° TCH 36'.

RWY 24: PAPI(P2L)—GA 3.5° TCH 37'. Tree. Rgt tfc.

SERVICE: FUEL 100LL LGT ACTIVATE MIRL Rwy 06-24—CTAF.

AIRPORT REMARKS: Attended Jun-Sep 1300-2300Z†, winter 1300-2100Z†.

Birds on and in/ov arpt.

AIRPORT MANAGER: (609) 525-9222

WEATHER DATA SOURCES: AWOS-AV 119.775 (609) 398-0705.

COMMUNICATIONS: CTAF/UNICOM 122.7

Ⓡ ATLANTIC CITY APP/DEP CON 124.6

CLNC DEL 133.6

CLEARANCE DELIVERY PHONE: For CD ctc Washington ARTCC at 703-771-3587.

RADIO AIDS TO NAVIGATION: NOTAM FILE ACY.

ATLANTIC CITY (L) (L) VORTACW 117.15 ACY Chan 118(Y)

N39°27.35' W74°34.58' 197° 11.6 NM to fld. 67/10W.

DME unusable:

290°-300° byd 10 NM blo 4,000'

VOR unusable:

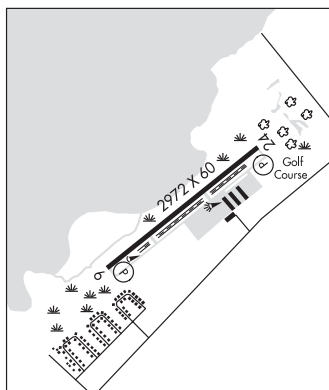
301°-355° byd 35 NM blo 2,000'

TACAN AZIMUTH unusable:

290°-300° byd 10 NM blo 4,000'

CEDAR LAKE (L) (L) VORW/DME 115.2 VCN Chan 99 N39°32.26' W74°58.03' 144° 23.5 NM to fld.

120/10W. NOTAM FILE MIV.



OCEAN CO (See TOMS RIVER on page 181)

OLD BRIDGE (3N6) 5 S UTC-5(-4DT) N40°19.79' W74°20.81'

NEW YORK

87 B NOTAM FILE MIV

L-34H

RWY 06-24: H3594X50 (ASPH) MIRL 0.6% up NE

RWY 06: REIL. PAPI(P2L)—GA 4.0° TCH 25'. Thld dsplcd 600'. Tree.

RWY 24: REIL. PAPI(P2R)—GA 4.0° TCH 40'. Thld dsplcd 400'. Tree. Rgt tfc.

SERVICE: S4 FUEL 100LL LGT Actvt REIL Rwy 06 and 24; MIRL Rwy 06-24—CTAF. Actvt rotg bcn—CTAF.

AIRPORT REMARKS: Attended 1300-2200Z ++. Deer and birds on and in/ov arpt. No touch and go. Drag strip park and trees

E/W of arpt and in/ov apch end Rwy 06-24. Twys fair cond, 2" cracks, 2 to 3" deep, near twy hold short lines. Twy sfcs uneven. All twy mkgs faded. Ldg fee.

AIRPORT MANAGER: 732-718-0444

COMMUNICATIONS: CTAF/UNICOM 123.075

Ⓡ MC GUIRE APP/DEP CON 126.475

CLEARANCE DELIVERY PHONE: For CD use GCO 121.725, if unable ctc Mc Guire Apch at 609-754-2767.

RADIO AIDS TO NAVIGATION: NOTAM FILE MIV.

ROBBINSVILLE (H) (H) VORTACW 113.8 RBV Chan 85 N40°12.14' W74°29.70' 052° 10.2 NM to fld. 248/10W.

TACAN AZIMUTH unusable:

105°-115° byd 30 NM

DME unusable:

075°-115° byd 25 NM

130°-160° byd 30 NM blo 4,000'

OLDMANS TOWNSHIP (See PEDRICKTOWN on page 175)

PEDRICKTOWN**OLDMANS TOWNSHIP** (7N7) 2 S UTC-5(-4DT) N39°44.13' W75°23.86'**WASHINGTON**

40 B NOTAM FILE MIV

L-34G, A

RWY 07-25: H2419X60 (ASPH) MIRL

IAF

RWY 07: REIL. PAPI(P2L)—GA 4.0° TCH 20'. Thld dspclcd 198'. Tree.**RWY 25:** REIL. PAPI(P2R)—GA 4.0° TCH 20'. Tree.**SERVICE:** S4 LGT Dusk-Dawn. ACTIVATE REIL Rwy 07 and Rwy 25, PAPI Rwy 07 and Rwy 25, MIRL Rwy 07-25-122.7. REIL Rwy 07 OTS indef. REIL Rwy 25 OTS indef.**AIRPORT REMARKS:** Attended irregularly. Deer and birds on and invof arpt. Hel training activity on arpt. Arpt access road near AER 07.**AIRPORT MANAGER:** 215-219-5600**COMMUNICATIONS:** CTAF/UNICOM 122.7Ⓡ **PHILADELPHIA APP/DEP CON** 119.75**CLEARANCE DELIVERY PHONE:** For CD ctc Philadelphia Apch at 800-354-9884.**RADIO AIDS TO NAVIGATION:** NOTAM FILE MIV.**WOODSTOWN (L) (L) VORTACW** 112.8 OOD Chan 75 N39°38.16' W75°18.18' 334° 7.4 NM to fld. 147/10W.

VOR unusable:

039°-041° byd 20 NM blo 2,500'

090°-105°

159°-190°

DME unusable:

045°-065° byd 20 NM blo 2,500'

090°-105°

PINE VALLEY (See BERLIN on page 162)**PITTS TOWN****ALEXANDRIA** (N85) 2 W UTC-5(-4DT) N40°35.25' W75°01.17'**NEW YORK**

480 B NOTAM FILE MIV

L-33A, 34H

RWY 08-26: H2550X60 (ASPH) MIRL 0.7% up E

IAF

RWY 08: PAPI(P2R)—GA 4.0° TCH 30'. Tree.**RWY 26:** PAPI(P2L)—GA 3.75° TCH 28'. Tree.**RWY 13-31:** H1804X100 (ASPH-TURF) 0.8% up SE**RWY 13:** Tree.**RWY 31:** Tree.**SERVICE:** S4 FUEL 100LL LGT ACTIVATE MIRL Rwy 08-26 and rotating bcn-121.8. Rwy 26 PAPI UNUSBL BYD 2° left of CNTRLN.**AIRPORT REMARKS:** Attended 1300Z†-dusk. Fuel 24hr self-svc. Parachute jumping Mar-Nov. Parachute drop zone on north side of arpt. Ctc arpt manager 908-730-9233 prior to conducting helicopter training activity. Helicopter tkf and ldg rstd to Rwy 08-26 only. Helicopters use fixed-wing tfc pat and alts. No touch and go landings or straight in apchs allowed. Rwy 13-31 25' wide asph strip full length down center of rwy. Turf portion of rwy unusable. Taxi on pavement only.**AIRPORT MANAGER:** 908-399-1820**COMMUNICATIONS:** CTAF/UNICOM 122.975Ⓡ **ALLENTOWN APP/DEP CON** 124.45 (Above 3000') 119.65 (3000' and blo)**CLEARANCE DELIVERY PHONE:** For CD ctc Allentown Apch at 800-728-6322.**RADIO AIDS TO NAVIGATION:** NOTAM FILE MIV.**SOLBERG (VL) (L) VOR/DME** 112.9 SBJ Chan 76 N40°34.98' W74°44.51' 281° 12.7 NM to fld. 189/10W.

DME unusable:

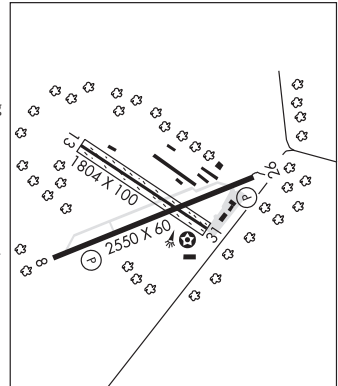
167°-040° byd 34 NM

VOR unusable:

247°-255° byd 40 NM blo 2,200'

247°-255° byd 48 NM

256°-051° byd 40 NM



SKY MANOR (N40) 2 SW UTC-5(-4DT) N40°33.95' W74°58.76'

560 NOTAM FILE MIV

RWY 07-25: H2900X50 (ASPH) MIRL 0.3% up NE

RWY 07: REIL. PAPI(P2L)—GA 4.0° TCH 31'. Trees.

RWY 25: REIL. PAPI(P2L)—GA 4.0° TCH 29'. P-line.

SERVICE: S4 FUEL 100LL LGT ACTVT REIL Rwy 07 and Rwy 25, MIRL Rwy 07-25 and twy lghts—CTAF. PAPI Rwy 07 and Rwy 25—Opr consly. Rwy 07 VGSJ and descent angles not coincident. Unsubl byd 4° right of cntrln.

NOISE: Rwy 07 noise abatement procedures VFR dep fly rwy heading until reaching at least 1,300 ft MSL. Rwy 25 noise abatement procedures VFR dep safety premitting at dep end of rwy turn right fly heading 270 until reaching at least 1,300 ft MSL. Avoid overflight of horse farm (stables) 500' north of acft hangars.

AIRPORT REMARKS: Attended continuously. Deer and birds on and invof arpt. Helicopter activity on and invof arpt. Self-serve fuel system on north end of tie-down ramp. Aprn main ramp clsd to hel air tax and hover ops near fuel pump.

AIRPORT MANAGER: 908-996-4200

WEATHER DATA SOURCES: AWOS-3 121.725.

COMMUNICATIONS: CTAF/UNICOM 122.975

Ⓡ **ALLENTOWN APP/DEP CON** 124.45 (Above 3000') 119.65 (3000' and blo)

CLEARANCE DELIVERY PHONE: For CD ctc Allentown Apch at 800-728-6322.

RADIO AIDS TO NAVIGATION: NOTAM FILE MIV.

SOLBERG (VL) (L) VOR/DME 112.9 SBJ Chan 76 N40°34.98' W74°44.51' 275° 10.9 NM to fld. 189/10W.

DME unusable:

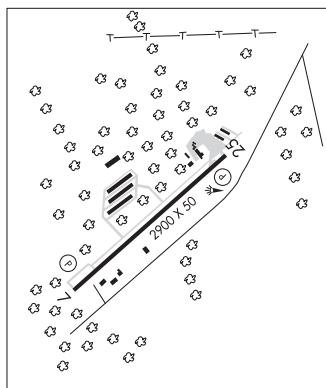
167°-040° byd 34 NM

VOR unusable:

247°-255° byd 40 NM blo 2,200'

247°-255° byd 48 NM

256°-051° byd 40 NM



NEW YORK
L-33A, 34H
IAP

PRINCETON (39N) 3 N UTC-5(-4DT) N40°23.95' W74°39.54'

128 B NOTAM FILE MIV

RWY 10-28: H3499X75 (ASPH) S-15 MIRL

RWY 10: REIL. PAPI(P2L)—GA 3.45° TCH 42'. Tree.

RWY 28: PAPI(P2L)—GA 3.0° TCH 41'. Thld dspcd 369'. Bldg.

SERVICE: S4 FUEL 100LL, JET A LGT Actvt MIRL Rwy 10-28 and REIL Rwy 10—123.05.

AIRPORT REMARKS: Attended 1300-dusk. Unattended Christmas Day and New Years Day. Deer and birds on and invof arpt. Rwy 28 departure no turns until at least 900' MSL and beyond Cherry Hill Road. Rwy 10-28 rgt tfc helicopters. Rwy 10-28 nmrs transverse cracks alg entr len of Rwy.

AIRPORT MANAGER: 609-921-3100

COMMUNICATIONS: CTAF/UNICOM 122.725

Ⓡ **NEW YORK APP/DEP CON** 132.8

CLEARANCE DELIVERY PHONE: For CD ctc New York Apch at 800-645-3206

RADIO AIDS TO NAVIGATION: NOTAM FILE IPT.

YARDLEY (L) (L) VOR/DME 108.2 ARD Chan 19 N40°15.20'

W74°54.46' 062° 14.4 NM to fld. 294/10W.

VOR unusable:

020°-040°

195°-225° byd 25 NM blo 5,000'

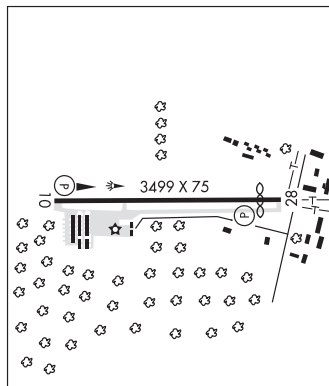
250°-265° blo 3,500'

266°-280° byd 20 NM blo 5,000'

281°-300° byd 14 NM blo 6,000'

DME unusable:

225°-275° byd 25 NM blo 5,000'



NEW YORK
L-34H
IAP

RAINBOW N39°25.09' W75°08.10' NOTAM FILE MIV.

NDB (HW) 363 RNB 147° 4.2 NM to Millville Muni. 92/11W.

WASHINGTON
H-10I, L-34G, A

READINGTON

SOLBERG/HUNTERDON (N51) 1 NW UTC-5(-4DT) N40°34.97' W74°44.20'

190 NOTAM FILE MIV

RWY 04-22: H5598X50 (ASPH-TURF) MIRL 0.5% up SW

RWY 04: REIL. PAPI(P2L)—GA 3.0° TCH 41'. Thld dsplcd 544'.

RWY 22: REIL. PAPI(P2L)—GA 3.0° TCH 38'. Thld dsplcd 1319'.
Tree.

RWY 13-31: 3444X200 (TURF) 1.0% up NW

RWY 13: Tree.

RWY 31: Trees.

RWY 10-28: 2010X100 (TURF) 0.4% up W

RWY 10: Trees.

SERVICE: S4 FUEL 100LL, JET A OX2 LGT ACTVT REIL Rwy 04 and Rwy 22; MIRL Rwy 04-22—CTAF. PAPI Rwy 04 and Rwy 22 opr consly. Rwy 04-22 MIRL on paved 3735' x 50' portion of rwy.

AIRPORT REMARKS: Attended 1400-2200Z. Arpt unattended all major holidays and Christmas and New Years eve afternoons. Deer on and infov arpt. Blimp and hot air balloon activity on and infov arpt, spring through fall. Dsplcd thld Rwy 04 544' turf, 180' wide. Dsplcd thld Rwy 22 1319' turf, 180' wide. All rwys no touch and go ldgs. Hel fly fixed wing trc pat and alt. All rwys depart straight out to 1200' before turning. Tkofs and ldgs prohibited on Rwy 04 when acft are operating on Rwy 13-31 and Rwy 10-28. No intxn tkof on rwy 04-22. Ctc ops, 908-534-4000, prior to operating on Rwy 10-28. Rwy 04 apch end 544' turf, center portion 3735' asph, Rwy 22 apch end 1319' turf. Noticeable bump where rwy crosses grvl apch road to VORTAC. Rwy 04 turf portion poor and unusbl. Center asph portion excellent. Rwy 22 turf portion poor and unusbl.

AIRPORT MANAGER: 908-534-4000

COMMUNICATIONS: CTAF/UNICOM 122.8

SOLBERG RCO 122.1R 112.9T (MILLVILLE RADIO)

® **NEW YORK APP/DEP CON** 132.8

GCO 121.725 If unable, ctc NY Apch at 800-645-3206.

RADIO AIDS TO NAVIGATION: NOTAM FILE MIV.

(VL) (L) **VOR/DME** 112.9 SBJ Chan 76 N40°34.98' W74°44.51' at fld. 189/10W.

DME unusable:

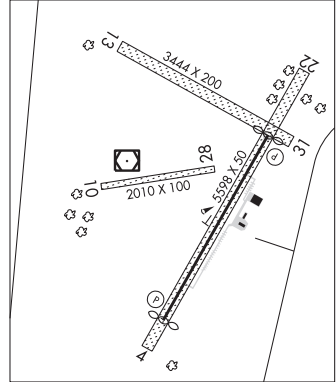
167°-040° byd 34 NM

VOR unusable:

247°-255° byd 40 NM blo 2,200'

247°-255° byd 48 NM

256°-051° byd 40 NM



NEW YORK
H-101, 12J, L-33A, 34H
IAP

REDWING (See JOBSTOWN on page 165)

ROBBINSVILLE**TRENTON–ROBBINSVILLE** (N87) 1 E UTC-5(-4DT) N40°12.84' W74°36.11'

NEW YORK

118 B NOTAM FILE MIV

L-34H

RWY 11-29: H4275X75 (ASPH) S-25 MIRL

IAP

RWY 11: PAPI(P2L)—GA 4.5° TCH 46'. Thld dsplcd 398'. Trees.**RWY 29:** PAPI(P2L)—GA 4.0° TCH 29'. Thld dsplcd 300'. Trees. Rgt ttc.**SERVICE:** S4 FUEL 100LL LGT Actvt MIRL Rwy 11-29—123.3.**NOISE:** VFR departure Rwy 11 avoid overflt of Sharon Elementary School 0.75 NM northeast. VFR departure Rwy 29, for noise abatement climb straight ahead until reaching 700' AGL before turning.**AIRPORT REMARKS:** Attended 1300-2100Z. Deer and birds on and in/ovf arpt. Self svc fuel system mid-fild apron. Wind indicator OTS indef. Rwy 11 VGSI and descent angles not coincident. Rwy 29 VGSI and descent angles not coincident. Twy and ramp areas have mult transverse and parl cracks. Rwy 11-29 nmrs transverse and parl cracks along rwy. Rwy 29 rwy and twy markings faded.**AIRPORT MANAGER:** 609-259-1059**COMMUNICATIONS:** CTAF/UNICOM 123.0

Ⓡ MC GUIRE APP/DEP CON 126.475

CLEARANCE DELIVERY PHONE: For CD ctc Mc Guire Apch at 609-754-2767.**RADIO AIDS TO NAVIGATION:** NOTAM FILE MIV.**ROBBINSVILLE (H) (H) VORTACW** 113.8 RBV Chan 85 N40°12.14' W74°29.70' 288° 5.0 NM to fld. 248/10W.

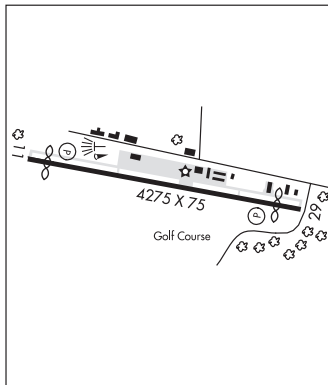
TACAN AZIMUTH unusable:

105°-115° byd 30 NM

DME unusable:

075°-115° byd 25 NM

130°-160° byd 30 NM blo 4,000'

COMM/NAV/WEATHER REMARKS: FAR PART 135 wx svc avbl.**ROBBINSVILLE** N40°12.14' W74°29.70' NOTAM FILE MIV.

NEW YORK

(H) (H) VORTACW 113.8 RBV Chan 85 288° 5.0 NM to Trenton–Robbinsville. 248/10W.

H-101, L-34H

TACAN AZIMUTH unusable:

105°-115° byd 30 NM

DME unusable:

075°-115° byd 25 NM

130°-160° byd 30 NM blo 4,000'

SEA ISLE N39°05.73' W74°48.02' NOTAM FILE MIV.

WASHINGTON

(VH) (H) VORTAC 114.8 SIE Chan 95 233° 7.3 NM to Cape May Co. 8/9W.

H-101, 121, L-34G, A

VOR unusable:

060°-110° byd 20 NM blo 3,900'

260°-270° byd 40 NM blo 7,000'

260°-270° byd 56 NM

269°-279° byd 36 NM blo 3,000'

295°-300° byd 40 NM

310°-045° byd 40 NM

DME unusable:

065°-110°

238°-048° byd 34 NM blo 1,800'

TACAN AZIMUTH unusable:

065°-110°

RCO 122.1R 114.8T (MILLVILLE RADIO)**SKY MANOR** (See PITTSTOWN on page 176)**SOLBERG/HUNTERDON** (See READINGTON on page 177)

SOLBERG N40°34.98' W74°44.51' NOTAM FILE MIV.
(VL) (L) VOR/DME 112.9 SBJ Chan 76 at Solberg/Hunterdon. 189/10W.
 DME unusable:
 167°-040° byd 34 NM
 VOR unusable:
 247°-255° byd 40 NM blo 2,200'
 247°-255° byd 48 NM
 256°-051° byd 40 NM
RCO 122.1R 112.9T (MILLVILLE RADIO)

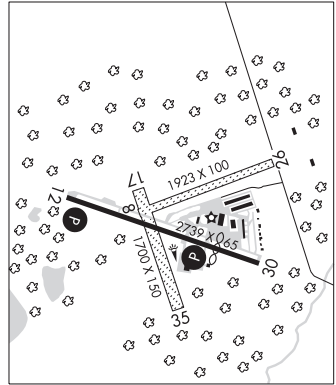
NEW YORK
 H-101, 121, L-33A, 34H

SOMERSET (See SOMERVILLE on page 179)

SOMERVILLE

SOMERSET (SMQ)(KSMQ) 3 N UTC-5(-4DT) N40°37.56' W74°40.20'
 106 B NOTAM FILE SMQ
RWY 12-30: H2739X65 (ASPH) MIRL 0.7% up SE
RWY 12: REIL. PAPI(P2R)—GA 3.0° TCH 30'. Trees.
RWY 30: REIL. PAPI(P2L)—GA 4.0° TCH 43'. Thld dsplcd 200'.
 Trees.
RWY 08-26: 1923X100 (TURF) 0.4% up E
RWY 08: Tree.
RWY 26: Tree. Rgt tfc.
RWY 17-35: 1700X150 (TURF) 0.6% up N
RWY 17: Trees.
RWY 35: Trees.
SERVICE: S4 FUEL 100LL, JET A OX1, 2, 3, 4 LGT ACTVT REIL Rwy
 12 & Rwy 30; MIRL Rwy 12-30—118.325. PAPI Rwy 12 and Rwy
 30 opr consly.
AIRPORT REMARKS: Attended 1300-2200Z. Unattended Thanksgiving,
 Christmas and New Years. Deer and birds on and invof arpt. Rwy
 08-26 550' west end unsuitable for tkf or ldg due to uneven sfc.
AIRPORT MANAGER: 908-722-2444
WEATHER DATA SOURCES: ASOS 120.6 (908) 722-2139.
COMMUNICATIONS: CTAF/UNICOM 123.0

NEW YORK
 L-33A, 34H
 IAP



Ⓡ NEW YORK APP/DEP CON 132.8

RADIO AIDS TO NAVIGATION: NOTAM FILE MIV.

SOLBERG (VL) (L) VOR/DME 112.9 SBJ Chan 76 N40°34.98' W74°44.51' 062° 4.2 NM to fld. 189/10W.
 DME unusable:
 167°-040° byd 34 NM
 VOR unusable:
 247°-255° byd 40 NM blo 2,200'
 247°-255° byd 48 NM
 256°-051° byd 40 NM

COMM/NAV/WEATHER REMARKS: For IFR Clnc Del ctc New York App 1-800-645-3206.

SOUTH JERSEY RGNL (See MOUNT HOLLY on page 172)

SOUTHERN CROSS (See WILLIAMSTOWN on page 185)

SPARTA N41°04.05' W74°32.30' NOTAM FILE MIV.
(H) (H) VORTACW 115.7 SAX Chan 104 345° 8.8 NM to Sussex. 1400/11W.
 VOR unusable:
 075°-085° blo 6,500'
 155°-165°

NEW YORK
 H-101, L-33A, 34H

STILLWATER N40°59.75' W74°52.14' NOTAM FILE MIV.
(L) (L) VOR/DME 109.6 STW Chan 33 094° 6.0 NM to Aeroflex/Andover. 920/11W.
 DME unusable:
 089°-099° within 12 NM blo 10,000'
 210°-320° byd 30 NM blo 4,000'

NEW YORK
 H-101, L-33A, 34H

SUSSEX (FWN)(KFWN) 1 SW UTC-5(-4DT) N41°12.01' W74°37.38'

NEW YORK

422 B NOTAM FILE MIV

L-33A, 34H

RWY 03-21: H3506X75 (ASPH) MIRL 0.6% up SW

IAP

RWY 03: REIL. PAPI(P2L)—GA 4.0° TCH 40'. Thld dspcld 466'. Trees.

RWY 21: REIL. Thld dspcld 756'. Trees.

SERVICE: FUEL 100LL, JET A LGT PAPI and REIL Rwy 03 OTS indef. Rwy 21 REIL OTS indef. ACTIVATE MIRL Rwy 03-21 and REIL Rwy 03 and Rwy 21—CTAF.

AIRPORT REMARKS: Attended 1330-2200Z†. Parachute Jumping. Deer and birds on and invof arpt. Fuel self-svc. Drop zone located southwest side of rwy. Main twy southwest 1500' clsd. Non-standard twy markings. No TGL or PLA allowed.

AIRPORT MANAGER: (973) 702-1640

WEATHER DATA SOURCES: ASOS 118.525 (973) 875-0859.

COMMUNICATIONS: CTAF/UNICOM 122.7

Ⓡ **NEW YORK APP/DEP CON** 127.6

CLEARANCE DELIVERY PHONE: For CD ctc New York Apch at 800-645-3206.

RADIO AIDS TO NAVIGATION: NOTAM FILE MIV.

SPARTA (H) VORTACW 115.7 SAX Chan 104 N41°04.05' W74°32.30' 345° 8.8 NM to fld. 1400/11W.

VOR unusable:

075°-085° blo 6,500'

155°-165°

TETERBORO (TEB)(KTEB) 1 SW UTC-5(-4DT) N40°51.01' W74°03.65'

NEW YORK

8 B TPA—See Remarks LRA ARFF Index—See Remarks NOTAM FILE TEB

COPTER

RWY 01-19: H7000X150 (ASPH-GRVD) S-50, D-100

H-101, 12J, L-33B, 34H

PCN 35 F/C/X/T HIRL CL

IAP, AD

RWY 01: REIL. PAPI(P4L)—GA 3.1° TCH 56'. Thld dspcld 771'. Tree.

RWY 19: TDZL. REIL. PAPI(P4L)—GA 3.0° TCH 57'. Thld dspcld 763'. Bldg.

RWY 06-24: H6013X150 (ASPH-GRVD) S-50, D-100

PCN 35 F/C/X/T HIRL CL

RWY 06: MALSR. TDZL. REIL. RVR-TR Tree.

RWY 24: REIL. PAPI(P4L)—GA 3.2° TCH 46'. RVR-TR Tree.

LAND AND HOLD—SHORT OPERATIONS

LDG RWY	HOLD—SHORT POINT	AVBL LDG DIS
RWY 01	06-24	4550
RWY 06	01-19	3750

RUNWAY DECLARED DISTANCE INFORMATION

RWY 01: TORA-7000 TODA-7000 ASDA-6932 LDA-6161
RWY 06: TORA-6013 TODA-6013 ASDA-6013 LDA-6013
RWY 19: TORA-7000 TODA-7000 ASDA-7000 LDA-6230
RWY 24: TORA-6013 TODA-6013 ASDA-6013 LDA-6013

ARRESTING GEAR/SYSTEM

RWY 06: EMAS

RWY 19: EMAS

RWY 24: EMAS

SERVICE: S4 FUEL 100LL, JET A OX 1, 2, 3, 4 LGT Rwy 01-19 dspcld thld centerline lgts OTS indef.

NOISE: Acft and helicopter noise abatement rules in effect, ctc noise abatement office 201-393-0399/288-1775 for copy of procedures and rules prior to arrival. Rwy 24 noise critical rwy maximum noise limit of 80 db between 0300-1200Z† and 90 db all other hrs. NOTE: See Special Notices—Terminal Area Graphic Notice.

AIRPORT REMARKS: Attended continuously. CLOSED to motorless acft, uncontrolled acft and ultralight activity exc by prior permission. Deer and bird activity on and invof arpt. All acft avoid hospital 1.7 miles north of Rwy 01-19. Helicopter ops over residential areas blo 1000' MSL should be avoided. Daily continuous construction activity all quadrants. Stage I acft not permitted to opr at Teterboro Arpt. Acft capable of opr abv 100,000 lbs must submit certification to arpt manager verifying acft opr weight is less than 100,000 lbs. Ctc arpt ops at 201-288-1775 for forms. ARFF Index B equipment coverage provided. TPA-1500 (1492) for large/turbine acft, 1000 (992) for all others. RNAV (GPS) X Rwy 06 is prim RNAV apch to Rwy 06. Ldg fee. Flight Notification Service (ADCUS) available.

AIRPORT MANAGER: 201-288-1775

WEATHER DATA SOURCES: ASOS (201) 393-0855

COMMUNICATIONS: D-ATIS 132.85 114.2 201-288-1690

RCO 122.2 (MILLVILLE RADIO).

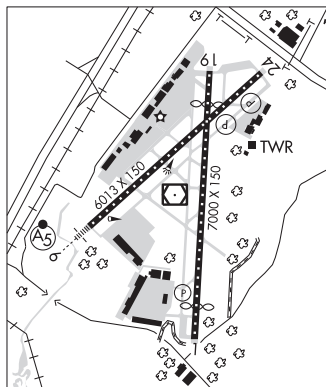
Ⓡ **NEW YORK APP CON** 127.6 **RAMP CTL** 120.675

TOWER 119.5 125.1 **GND CON** 121.9 **CLNC DEL** 128.05

Ⓡ **NEW YORK APP/DEP CON** 119.2 126.7

CPDLC (LOGON KUSA)

PDC



CONTINUED ON NEXT PAGE

CONTINUED FROM PRECEDING PAGE

AIRSPACE: CLASS D.

RADIO AIDS TO NAVIGATION: NOTAM FILE TEB.

(T) (T) VOR/DME 108.4 TEB Chan 21 N40°50.92' W74°03.73' at fld. 3/11W.

DME unusable:

060°-080° byd 22 NM blo 2,500'

081°-120° blo 4,000'

121°-180° blo 3,000'

236°-246°

VOR unusable:

081°-120° blo 4,000'

121°-180° blo 3,000'

236°-246°

TORBY NDB (LOM) 214 TE N40°48.26' W74°07.95' 062° 4.3 NM to fld. LOM unusable byd 10 NM.

ILS 108.9 I-TEB Rwy 06. Class IE. LOM TORBY NDB. LOM unusable byd 10 NM. LOC unusable byd 14° left of course. Glideslope unusable byd 6° left of course.

ILS/DME 110.15 I-TJL Chan 38(Y) Rwy 19. Class IE.

COMM/NAV/WEATHER REMARKS: For radar svc blo 1800' ctc Teterboro twr frequency 119.5. Arpt ops frequency 130.575.

TOMS RIVER

OCEAN CO (MJX)(KMJX) 5 SW UTC-5(-4DT) N39°55.56' W74°17.73'

WASHINGTON

86 B NOTAM FILE MJX

H-101, 121, L-34G

RWY 06-24: H5950X100 (ASPH) S-100, D-176, 2D-581

IAP

PCN 45 F/A/X/T HIRL

RWY 06: MALSR. PAPI(P2L)—GA 3.0° TCH 56'.

RWY 24: REIL. PAPI(P2L)—GA 3.0° TCH 55'. Thld dsplcd 115'.

RWY 14-32: H3599X75 (ASPH) S-94, D-150 PCN 35 F/A/X/T MIRL

0.3% Up NW

RWY 14: REIL. PAPI(P2L)—GA 3.0° TCH 40'.

RWY 32: REIL. PAPI(P2L)—GA 3.0° TCH 40'.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 06: TORA-5950 TODA-5950 ASDA-5835 LDA-5835

RWY 24: TORA-5950 TODA-5950 ASDA-5950 LDA-5835

SERVICE: S4 FUEL 100LL, JET A OX3 LGT ACTIVATE MALSR Rwy 06;

REIL Rwy 14, Rwy 32, Rwy 24; PAPI Rwy 06, Rwy 24, Rwy 14 and

Rwy 32; HIRL Rwy 06-24; MIRL Rwy 14-32—CTAF.

AIRPORT REMARKS: Attended Apr-Oct 1300-0100Z, Nov-Mar

1300-2200Z. Arpt unattended Christmas and New Years Day. Deer on and invof arpt.

AIRPORT MANAGER: (732) 929-2054

WEATHER DATA SOURCES: AWOS-3PT 119.875 (732) 797-2542.

COMMUNICATIONS: CTAF/UNICOM 122.7

Ⓜ MC GUIRE APP/DEP CON 126.475

CLEARANCE DELIVERY PHONE: For CD use GCO, if una ctc Mc Guire Apch at 609-754-2767.

RADIO AIDS TO NAVIGATION: NOTAM FILE MIV.

COYLE (H) (H) VORTACW 113.4 CYN Chan 81 N39°49.04' W74°25.90' 054° 9.1 NM to fld. 203/10W.

VOR unusable:

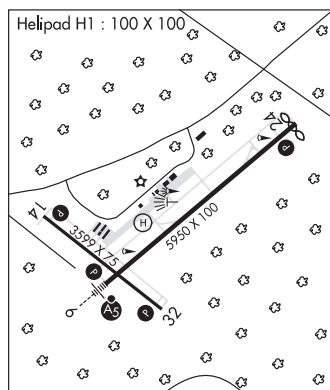
044°-054° blo 3,800'

ILS 109.9 I-MJX Rwy 06. Class IA. Unmonitored.

COMM/NAV/WEATHER REMARKS: GCO avbl on freq 121.725.

HELIPAD H1: H100X100 (ASPH)

HELIPORT REMARKS: Helipad H1 perimeter lights. ACTIVATE perimeter lgts—CTAF.



TORBY N40°48.27' W74°07.95' NOTAM FILE TEB.

NEW YORK

NDB (LOMW) 214 TE 062° 4.3 NM to Teterboro. 16/12W.

NDB unusable:

Byd 10 NM

TRENTON MERCER (TTN)(KTTN) P (ARNG) 4 NW UTC-5(-4DT) N40°16.60' W74°48.81'
 213 B TPA—See Remarks Class I, ARFF Index B NOTAM FILE TTN
RWY 06-24: H6006X150 (ASPH-GRVD) S-120, D-180, 2S-175, 2D-320 PCN 24 F/A/X/T HIRL

NEW YORK
H-101, 12J, L-34G, A
IAP, AD

0.5% up NE
RWY 06: MALSR. Tree.

RWY 24: REIL. PAPI(P4L)—GA 3.0° TCH 42'.

RWY 16-34: H4800X150 (ASPH-GRVD) S-120, D-180, 2S-175, 2D-320 PCN 41 F/A/X/T HIRL 0.8% up NW

RWY 16: REIL. PAPI(P4L)—GA 3.0° TCH 40'.

RWY 34: REIL. PAPI(P4L)—GA 3.0° TCH 50'.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 06: TORA-6006 TODA-6006 ASDA-6006 LDA-6006

RWY 16: TORA-4800 TODA-4800 ASDA-4800 LDA-4800

RWY 24: TORA-6006 TODA-6006 ASDA-6006 LDA-6006

RWY 34: TORA-4800 TODA-4800 ASDA-4800 LDA-4800

ARRESTING GEAR/SYSTEM

RWY 06: EMAS

RWY 16: EMAS

RWY 24: EMAS

RWY 34: EMAS

SERVICE: S4 **FUEL** 100LL, JET A **OX**2, 4 **LGT** When ATCT clsd ACTVT HIRL Rwy 06-24; HIRL Rwy 16-34; MALSR Rwy 06; PAPI Rwy 24; 16; 34; REIL Rwsy 24; 16; 34 and twy lgts—CTAF. **MILITARY—FUEL** J8 (Mii)—Avbl at ARNG ramp, PPR DSN 445-9261 C609-671-4857. (NC-100LL, A, PPR C609-771-9500.) **FLUID** LPOX—avbl on prior req 0500-1000Z†, C609-771-9500/883-2146.

NOISE: Noise abatement procedures in effect, departures over 12,500 lbs fly rwy heading until 1700' MSL, departures under 12,500 lbs fly rwy heading until 1200' MSL.

AIRPORT REMARKS: Attended continuously. Geese and flocks of sea gulls and deer on and in/ov arpt. Fuel avbl continuously. No touch and go ldg or training ops 0300-1200Z†. TPA—for acct under 12,500 lbs 1200(987), acct over 12,500 lbs 1700(1487). Rwy 24 VGSI and RNAV glidepath not coincident. Rwy 16 VGSI and RNAV glidepath not coincident. Voluntary curfew 0500-1100Z†. ARFF mnts gnd and ATCT freqs durg ATC zero events. Ldg fee for all tran acct. Twr view of Twy J obsc ctn ADZ. User fee arpt.

AIRPORT MANAGER: 609-882-1601

WEATHER DATA SOURCES: ASOS 126.775 (609) 538-8690. LAWRS.

COMMUNICATIONS: CTAF 120.7 ATIS 126.775 UNICOM 122.95

Ⓡ **PHILADELPHIA APP/DEP CON** 123.8

TOWER 120.7 (1100-0300Z†) **GND CON** 121.9 **CLNC DEL** 121.9

CLEARANCE DELIVERY PHONE: For CD when ATCT is clsd ctc phl Apch at (800) 354-9884.

AIRSPACE: CLASS D svc 1100-0300Z†; other times CLASS E.

RADIO AIDS TO NAVIGATION: NOTAM FILE IPT.

YARDLEY (L) (L) VOR/DME 108.2 ARD Chan 19 N40°15.20' W74°54.46' 082° 4.5 NM to fld. 294/10W.

VOR unusable:

020°-040°

195°-225° byd 25 NM blo 5,000'

250°-265° blo 3,500'

266°-280° byd 20 NM blo 5,000'

281°-300° byd 14 NM blo 6,000'

DME unusable:

225°-275° byd 25 NM blo 5,000'

ILS 111.3 I-TTN Rwy 06. Class IB. Unmonitored when ATCT closed.

HELIPAD H1: H64X64 (ASPH)

HELIPAD H2: H64X64 (ASPH)

HELIPAD H3: H64X64 (ASPH)

HELIPORT REMARKS: Helipad H1 located at intersection of Twys H and H1. Helipad H2 located at NE end of Twy B.

TRENTON-ROBBINSVILLE (See ROBBINSVILLE on page 178)

VINELAND

KROELINGER (29N) 3 N UTC-5(-4DT) N39°31.44' W75°02.78'WASHINGTON
L-34G, A

93 NOTAM FILE MIV

RWY 10-28: 2086X190 (TURF)

RWY 10: Tree.

RWY 28: P-line.

AIRPORT REMARKS: Unattended. Deer and birds on and in/ov arpt. Rwy 10 trees near apch end and along rwy sides.**AIRPORT MANAGER:** 856-794-2134**COMMUNICATIONS:** CTAF 122.9

Ⓡ ATLANTIC CITY APP/DEP CON 124.6

CLEARANCE DELIVERY PHONE: For CD ctc Washington ARTCC at 703-771-3587.**RADIO AIDS TO NAVIGATION:** NOTAM FILE MIV.

CEDAR LAKE (L) (L) VORW/DME 115.2 VCN Chan 99 N39°32.26' W74°58.03' 267° 3.8 NM to fld. 120/10W.

VINELAND-DOWNSTOWN (28N) 4 NE UTC-5(-4DT) N39°32.38' W74°58.06'

WASHINGTON

120 TPA-1320(1200) NOTAM FILE MIV

RWY 02-20: 2251X100 (TURF) LIRL

RWY 02: Tree.

RWY 20: Bldg.

RWY 12-30: 1800X100 (TURF)

RWY 12: Fence.

RWY 30: Fence.

SERVICE: S4 FUEL 100LL, JET A LGT Arpt lgts PPR call 856-697-3300. Rwy 02-20 nonstandard LIRL due to spacing. Thld and rwy end lgts nonstandard colors.**AIRPORT REMARKS:** Attended Apr-Nov 1300-2100Z. Unattended Dec-Mar. Arpt CLOSED at night to transients. For fuel phone 856-697-3300. Radio controlled models opr on Rwy 12. Rwy 12-30 restricted to agricultural and firefighting acft only. Heavy agricultural opns Apr-Oct.**AIRPORT MANAGER:** 856-697-3300**COMMUNICATIONS:** CTAF/UNICOM 122.8**CLEARANCE DELIVERY PHONE:** For CD ctc Washington ARTCC at 703-771-3587.

WEST CREEK

EAGLES NEST (31E) 2 N UTC-5(-4DT) N39°39.93' W74°18.48'WASHINGTON
L-34G
IAP

39 B NOTAM FILE MIV

RWY 14-32: H3670X60 (ASPH) HIRL

RWY 14: PAPI(P2L)—GA 4.0° TCH 45'. Thld dspcd 400'. Tree.

RWY 32: PAPI(P2L)—GA 4.0° TCH 45'. Thld dspcd 400'. Tree. Rgt tfc.

SERVICE: S4 FUEL 100LL LGT ACTVT PAPI Rwy 14 and 32; HIRL Rwy 14-32—CTAF. Rwy 32 PAPI unusable 5 deg left of course.**AIRPORT REMARKS:** Attended Nov-Mar SR-SS, Apr-Oct 1400-2200Z. Parachute Jumping. Deer on and in/ov arpt. Parachute drop zone southwest corner of arpt. Remote controlled acft opr adjacent to rwy. Seasonal banner towing opns parl to left side Rwy 32. Btn the hrs of SS-SR take off Rwy 32 only, ldg Rwy 14 only.**AIRPORT MANAGER:** 609-296-1229**COMMUNICATIONS:** CTAF 122.9

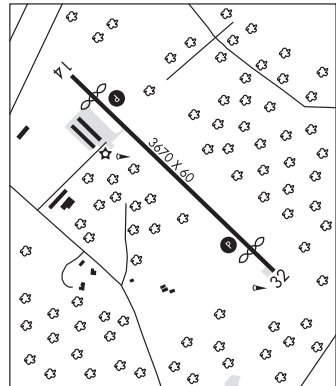
APP/DEP CON 134.25

CLEARANCE DELIVERY PHONE: For CD ctc Washington ARTCC at 703-771-3587.**RADIO AIDS TO NAVIGATION:** NOTAM FILE MIV.

COYLE (H) (H) VORTACW 113.4 CYN Chan 81 N39°49.04' W74°25.90' 158° 10.8 NM to fld. 203/10W.

VOR unusable:

044°-054° blo 3,800'



WEST MILFORD

GREENWOOD LAKE (4N1) 1 E UTC-5(-4DT) N41°07.70' W74°20.79'

790 B NOTAM FILE MV

RWY 06-24: H3471X60 (ASPH) MIRL

RWY 06: Trees. Rgt tfc.

RWY 24: PAPI(P2L)—GA 3.5° TCH 44'. Tree.

SERVICE: S4 FUEL 100LL, JET A LGT ACTVT MIRL Rwy 06-24—CTAF, 5 clicks, PAPI Rwy 24 opr consly.

AIRPORT REMARKS: Attended 1300-2200Z±. Deer and birds on and infov arpt. Arpt subject to gusting wind and frequent cross winds. Some rwy and twy lgts taller than standard. Rwy 06-24 Steep rock ledges lctd just byd both rwy ends.

AIRPORT MANAGER: 973-728-7721

COMMUNICATIONS: CTAF 122.9

® **NEW YORK APP/DEP CON** 127.6

CLEARANCE DELIVERY PHONE: For CD ctc New York Apch at 800-645-3206.

RADIO AIDS TO NAVIGATION: NOTAM FILE MIV.

SPARTA (H) (H) VORTACW 115.7 SAX Chan 104 N41°04.05' W74°32.30' 078° 9.4 NM to fld. 1400/11W.

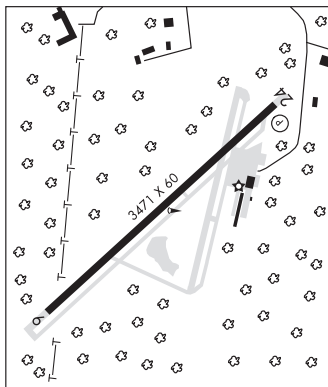
VOR unusable:

075°-085° blo 6,500'

155°-165°

COMM/NAV/WEATHER REMARKS: CTAF: automated UNICOM; 3 clicks to actvt.

NEW YORK
L-33A, 34H
IAP



WILDWOOD

CAPE MAY CO (WWD)(KWWD) 4 NW UTC-5(-4DT) N39°00.50' W74°54.51'

22 B NOTAM FILE WWD MON Airport

RWY 01-19: H5252X150 (ASPH) S-45, D-75, 2S-95, 2D-120 HIRL

RWY 01: PAPI(P4L)—GA 3.0° TCH 40'. Tree.

RWY 19: PAPI(P4L)—GA 3.0° TCH 40'. Thid dsplcd 215'. Road.

RWY 10-28: H5000X150 (ASPH) S-45, D-75, 2S-95, 2D-120 MIRL

RWY 10: PAPI(P4L)—GA 3.0° TCH 45'. Trees.

RWY 28: PAPI(P4L)—GA 3.0° TCH 57'. Tower.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 01: TORA-5252 TODA-5252 ASDA-5036 LDA-5036

RWY 19: TORA-5252 TODA-5252 ASDA-5252 LDA-5036

SERVICE: S2 FUEL 100LL, JET A LGT ACTVT PAPI Rwy 01, 10, 19 and Rwy 28; HIRL Rwy 01-19; MIRL Rwy 10-28—CTAF.

AIRPORT REMARKS: Attended 1300-2200Z±. Birds on and infov arpt.

PAEW within the safety area of all rwys and twys daily May thru Oct.

All ultralight acft, glider ops and formation PPR (609) 886-8652

Mon-Fri 1300-2100Z±. Twy B south of Twy A can only be used by acft with wingspans less than 79'. Twy A west of Twy F can only be

used by acft with wingspans less than 79'. Unmanned aircraft

systems (UAS) activity on and around airfield. Self-svc fuel avbl 24

hrs with credit card located on apron near intersection of Twy A and

Twy F. Rwy 19 calm wind rwy. Twy C is an FAA research twy and is

std to acft with wt lmt of 28,000 lbs and should not be used by acft grt than 28,000 lb.

AIRPORT MANAGER: 609-886-8652

WEATHER DATA SOURCES: AWOS-3PT 118.275 (609) 886-9089.

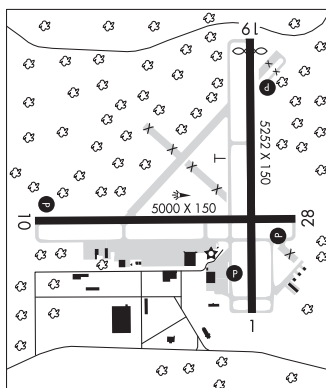
COMMUNICATIONS: CTAF/UNICOM 122.7

® **ATLANTIC CITY APP/DEP CON** 124.6

CLNC DEL 121.7

CLEARANCE DELIVERY PHONE: For CD ctc Atlantic City Apch at 609-485-6192.

WASHINGTON
H-101, 12J, L-34G, A
IAP



CONTINUED ON NEXT PAGE

CONTINUED FROM PRECEDING PAGE

RADIO AIDS TO NAVIGATION: NOTAM FILE MIV.

SEA ISLE (VH) (H) VORTAC 114.8 SIE Chan 95 N39°05.73' W74°48.02' 233° 7.3 NM to fld. 8/9W.

VOR unusable:

060°-110° byd 20 NM blo 3,900'

260°-270° byd 40 NM blo 7,000'

260°-270° byd 56 NM

269°-279° byd 36 NM blo 3,000'

295°-300° byd 40 NM

310°-045° byd 40 NM

DME unusable:

065°-110°

238°-048° byd 34 NM blo 1,800'

TACAN AZIMUTH unusable:

065°-110°

WATERLOO (L) (L) VOR/DME 112.6 ATR Chan 73 N38°48.59' W75°12.68' 059° 18.5 NM to fld. 5/9W.

DME unusable:

179°-293° byd 30 NM blo 2,000'

VOR unusable:

345°-010°

LOC 108.9 I-CEJ Rwy 19. LOC unmonitored.**WILLIAMSTOWN****SOUTHERN CROSS** (C01) 3 SW UTC-5(-4DT) N39°39.33' W75°00.87'

WASHINGTON

145 NOTAM FILE MIV

RWY 09-27: 2400X80 (TURF)**RWY 09**: P-line.**RWY 27**: Tree.**AIRPORT REMARKS**: Attended ired. Deer and birds on and invof arpt. Rwy 09 p-line marked with orange balls.**AIRPORT MANAGER**: (609) 820-7987**COMMUNICATIONS**: CTAF 122.9**CLEARANCE DELIVERY PHONE**: For CD ctc Philadelphia Apch at 800-354-9884

WOODBINE MUNI (OBI)(KOBI) 2 SE N39°13.15' W74°47.69'

41 B NOTAM FILE MIV

RWY 01-19: H3304X75 (ASPH) S-45, D-60, 2D-120 MIRL

0.5% up N

RWY 01: Trees.**RWY 19:** REIL. PAPI(P2L)—GA 3.7° TCH 21'. Trees.**RWY 13-31:** H3074X75 (ASPH) S-35, D-50, 2D-110 MIRL**RWY 13:** PAPI(P2L)—GA 3.0° TCH 20'. Trees.**RWY 31:** REIL. PAPI(P2R)—GA 3.5° TCH 25'. Trees.**SERVICE:** S4 FUEL 100LL, JET A LGT Rwy 19 PAPI high intensity only.

Rwy 13 PAPI high intensity only. Rwy 31 PAPI high intensity only.

ACTIVATE MIRL Rwy 13-31 and Rwy 01-19 —CTAF.

AIRPORT REMARKS: Attended Mon-Fri 1330-1930Z±. Banner towing ops Memorial through Labor Day occasionally other times. Medevac helicopter activity all days and hrs. Rwy 01-19 sgfnt nr of longl and transverse cracks on rwy with weeds and grass growing in cracks. Rwy 13-31 sgfnt nr of longl and transverse cracks on rwy with grass and weeds growing in cracks.**AIRPORT MANAGER:** 609-861-5301**WEATHER DATA SOURCES:** AWOS-3 120.475 (609) 861-0610.**COMMUNICATIONS:** CTAF/UNICOM 123.05

Ⓡ ATLANTIC CITY APP/DEP CON 124.6

GCO 121.725 (ATLANTIC CITY APP CON)

CLEARANCE DELIVERY PHONE: For CD if una via GCO etc Washington ARTCC at 703-771-3587.**RADIO AIDS TO NAVIGATION:** NOTAM FILE MIV.**SEA ISLE (VH) (H) VORTAC** 114.8 SIE Chan 95 N39°05.73' W74°48.02' 011° 7.4 NM to fld. 8/9W.

VOR unusable:

060°-110° byd 20 NM blo 3,900'

260°-270° byd 40 NM blo 7,000'

260°-270° byd 56 NM

269°-279° byd 36 NM blo 3,000'

295°-300° byd 40 NM

310°-045° byd 40 NM

DME unusable:

065°-110°

238°-048° byd 34 NM blo 1,800'

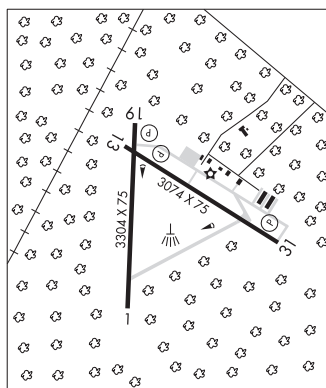
TACAN AZIMUTH unusable:

065°-110°

WASHINGTON

L-34G, A

IAP

**WOODSTOWN** N39°38.16' W75°18.18' NOTAM FILE MIV.(L) (L) **VORTACW** 112.8 OOD Chan 75 082° 13.2 NM to Cross Keys. 147/10W.

WASHINGTON

H-101, L-34G, A

VOR unusable:

039°-041° byd 20 NM blo 2,500'

090°-105°

159°-190°

DME unusable:

045°-065° byd 20 NM blo 2,500'

090°-105°

ADIRONDACK RGNL (See SARANAC LAKE on page 242)

AIRHAVEN (See STAATSBURG on page 248)

AIRLANE ENTERPRISES (See CLAY on page 195)

AKRON/JESSON FLD (9G3) 1 E UTC-5(-4DT) N43°01.27' W78°28.96'

840 B NOTAM FILE BUF

RWY 07-25: H3268X75 (ASPH) S-8 MIRL 0.3% up NE

RWY 07: PAPI(P2L)—GA 4.0° TCH 54'. Trees.

RWY 25: REIL. PAPI(P2L)—GA 4.0° TCH 55'. Trees.

RWY 11-29: 1955X50 (TURF)

RWY 11: Trees.

RWY 29: Trees.

SERVICE: FUEL 100LL LGT Actvt PAPI Rwy 07 & 25—CTAF. SS-SR, actvt REIL Rwy 25; MIRL Rwy 07-25—CTAF. Rwy 07 VGSI unusbl byd 7 degs right of cntrln.

NOISE: Rwy 25 noise abatement—maintain rwy holding until 3/4 miles byd dep end Rwy 25 before turning.

AIRPORT REMARKS: Attended Jan-Dec Mon-Sat 1330-2130Z†.

Attendance hrs subject to change. 100LL fuel avbl 24 hrs. Call arpt mgr. Rwy 11-29 CLOSED indefinitely. Parallel twy lighted and 35' wide. Rwy 07 +40' trees 172' right, 263' from rwy, +49' trees 200' - 230' left, 208' - 332' from runway, +34' trees penetrate transition sfc on right side of runway (310' from centerline, 0' - 310' down runway). Rwy 25 +43' trees, 135' left, 454' from runway, + 15' road 300' from rwy, OB.

AIRPORT MANAGER: 716-542-4607

COMMUNICATIONS: CTAF/UNICOM 122.725

Ⓡ **BUFFALO APP/DEP CON** 126.15

CLEARANCE DELIVERY PHONE: For CD ctc Cleveland ARTCC at 440-774-0490.

RADIO AIDS TO NAVIGATION: NOTAM FILE BUF.

BUFFALO (H) DME 116.4 BUF Chan 111 N42°55.74' W78°38.78' 052° 9.1 NM to fld. 730.

DME unusable:

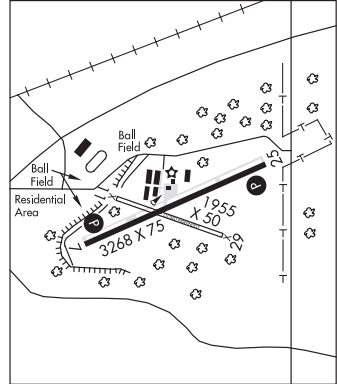
051°-085° byd 25 NM blo 4,500'

301°-050° byd 25 NM blo 3,500'

DETROIT

L-31E

IAP



ALBANY INTL (ALB)(KALB) P (ARNG) 6 NW UTC-5(-4DT) N42°44.95' W73°48.12'

NEW YORK

285 B AOE Class I, ARFF Index C NOTAM FILE ALB

H-101, 11C, 12K, L-32G, 33B, 34I

RWY 01-19: H8500X150 (ASPH-GRVD) S-140, D-200, 2D-400

IAP, AD

PCN 70 F/C/X/T HIRL CL

RWY 01: MALSR. TDZL. PAPI(P4R)—GA 3.0° TCH 53'. RVR-TR

RWY 19: MALSR. PAPI(P4L)—GA 3.0° TCH 53'. RVR-TR Tree.

RWY 10-28: H7200X150 (ASPH-GRVD) S-140, D-200, 2D-400

PCN 67 F/C/X/T MIRL CL

RWY 10: REIL. Ground.

RWY 28: REIL. PAPI(P4L)—GA 3.22° TCH 53'. Thld dspld 1192'. Tree.

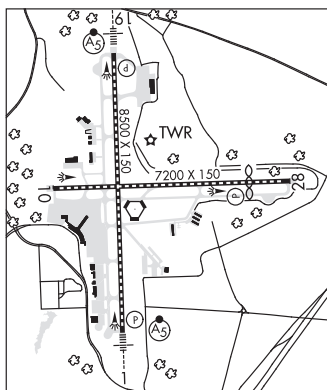
LAND AND HOLD—SHORT OPERATIONS

LDG RWY	HOLD—SHORT POINT	AVBL LDG DIST
RWY 01	10-28	4150
RWY 28	01-19	3757

RUNWAY DECLARED DISTANCE INFORMATION

RWY 01: TORA-8500 TODA-8500 ASDA-8500 LDA-8500
RWY 10: TORA-7200 TODA-7200 ASDA-6780 LDA-6780
RWY 19: TORA-8500 TODA-8500 ASDA-8500 LDA-8500
RWY 28: TORA-7200 TODA-7200 ASDA-7200 LDA-6007

SERVICE: S4 FUEL 100LL, JET A OX3 FUEL (NC-100LL, A) FLUID HPOXRB



AIRPORT REMARKS: Attended continuously. Birds, deer and other wildlife on and in/ov arpt. Mowing within safety areas of all rwns and twys May through Nov. Wx balloon launches approximately 3 miles south of arpt at 1100Z± and 2300Z±. Twy C west of Twy A non movement area. Twy D east of Rwy 01-19 rstd to acct 12,500 lbs and less. No acct parking between fire station and Twy L. Customs/Immigration's Flt Information Service located north end General Aviation apron. Acft clearing Customs utilize painted markings and proceed to minimize blast impact. Ldg fee. Flight Notification Service (ADCUS) avbl.

AIRPORT MANAGER: 518-242-2352

WEATHER DATA SOURCES: ASOS 120.45 (518) 464-6423. LLWAS. WSP.

COMMUNICATIONS: D-ATIS 120.45 UNICOM 122.95

RCO 122.2 (BURLINGTON RADIO)

Ⓡ APP/DEP CON 118.05 (194°-011°) 132.825 (011°-194°)

TOWER 119.5 GND CON 121.7 CLNC DEL 127.5 NG OPNS 30.1 (FM) 122.775 258.2

PDC

AIRSPACE: CLASS C svc ctc APP CON.

VOR TEST FACILITY (VOT) 108.2

RADIO AIDS TO NAVIGATION: NOTAM FILE ALB.

(L) (L) VORTACW 115.3 ALB Chan 100 N42°44.84' W73°48.19' at fld. 273/13W.

VOR unusable:

- 045°-065° byd 11 NM
- 066°-069° byd 11 NM blo 10,000'
- 078°-088° byd 20 NM blo 10,000'
- 109°-121°
- 121°-131° byd 30 NM
- 121°-131° wi 30 NM blo 9,900'
- 131°-168°
- 184°-189°
- 226°-269° byd 29 NM blo 15,000'
- 312°-315°
- 333°-343°

TACAN AZIMUTH unusable:

- 032°-042° byd 15 NM
- 164°-168°
- 303°-308° byd 37 NM
- 308°-333°

DME unusable:

- 303°-308° byd 37 NM

ILS/DME 109.5 I-DEJ Chan 32 Rwy 01. Class IIE.

ILS/DME 109.5 I-ALB Chan 32 Rwy 19. Class IB.

COMM/NAV/WEATHER REMARKS: Class C information avbl on ATIS frequency 20 NM.

ALBERT S NADER RGNL (See ONEONTA on page 235)

ALBION**PINE HILL** (9G6) 5 SW UTC-5(-4DT) N43°10.41' W78°16.48'

669 TPA—2169(1500) NOTAM FILE BUF

RWY 10-28: H2659X36 (ASPH) S-12 0.6% up E**RWY 10:** Tree.**RWY 28:** Thld dsplcd 250'. Road.**AIRPORT REMARKS:** Unattended. Parachute Jumping. 245' twr 1500' SSE
AER 28.**AIRPORT MANAGER:** 716-597-7393**COMMUNICATIONS:** CTAF/UNICOM 123.0Ⓡ **BUFFALO APP/DEP CON** 126.15**CLEARANCE DELIVERY PHONE:** For CD ctc Cleveland ARTCC at 440-774-0490.**RADIO AIDS TO NAVIGATION:** NOTAM FILE BUF.**BUFFALO (H) DME** 116.4 BUF Chan 111 N42°55.74'

W78°38.78' 048° 22.0 NM to fld. 730.

DME unusable:

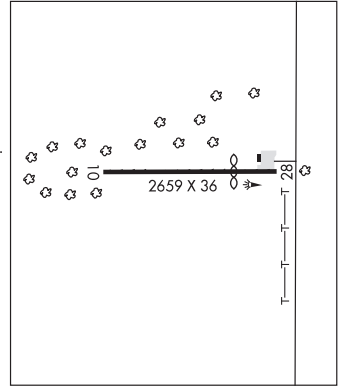
051°-085° byd 25 NM blo 4,500'

301°-050° byd 25 NM blo 3,500'

DETROIT

L-31E, 32F

IAP, AD

**ALPINE** N42°14.32' W76°45.84' NOTAM FILE ELM.**NDB (MHW)** 245 ALP 242° 7.4 NM to Elmira/Corning Rgnl. 1287/12W.

NEW YORK

L-30J, 32F

ARCADE TRI-COUNTY (D23) 2 N UTC-5(-4DT) N42°34.00' W78°25.57'

1745 NOTAM FILE BUF

RWY 09-27: 3220X60 (GRVL) RWY LGTS(NSTD)**RWY 09:** Trees.**RWY 27:** Trees.**RWY 14-32:** 2710X80 (TURF)**RWY 14:** Brush.**RWY 32:** Trees.**SERVICE:** LGT Actvt MIRL Rwy 09-27—123.0. MIRLS along edges only, no thld lgts.**AIRPORT REMARKS:** Unattended. PPR. Arpt CLOSED winter months. Deer on and invof arpt. Ultraigt acct prohibited.**AIRPORT MANAGER:** 716-864-3354**COMMUNICATIONS:** CTAF/UNICOM 123.0**CLEARANCE DELIVERY PHONE:** For CD ctc Cleveland ARTCC at 440-774-0490.

DETROIT

ARGYLE (1C3) 2 NE UTC-5(-4DT) N43°15.27' W73°28.21'

330 NOTAM FILE BTV

RWY 03-21: 2400X87 (TURF)**RWY 03:** Tree.**RWY 21:** Tree.**AIRPORT REMARKS:** Attended 1400Z†-dusk. Arpt may be CLOSED wet wx call 518-638-9723. Birds and wildlife may be on or invof arpt. Ultraigt on and invof arpt. Rwy 03-21 width varies from 87'-100'. Rwy generally plowed drg winter but may be snowy/icy. Mowing or plowing may occur durg dalgt hrs; CTAF mntd. Check/inspect bfr taking off or lndg and use at your discretion.**AIRPORT MANAGER:** 518-638-9723**COMMUNICATIONS:** CTAF 122.9**CLEARANCE DELIVERY PHONE:** For CD ctc Albany Apch at 518-862-2299.

NEW YORK

BATAVIA

GENESE CO (GVQ)(KGVQ) 2 N UTC-5(-4DT) N43°01.91' W78°10.18'

DETROIT

914 B NOTAM FILE GVQ

H-10H, 11B, L-31E, 32F

RWY 10-28: H5499X100 (ASPH-GRVD) S-21, D-33 HIRL

IAP

RWY 10: REIL. PAPI(P2L)—GA 3.0° TCH 40'. Fence.

RWY 28: MALSR. PAPI(P2L)—GA 3.0° TCH 62'.

SERVICE: S4 FUEL 100LL, JET A1+ 0X1 LGT Actvt MALSR Rwy 28;

REIL Rwy 10; PAPI Rwy 10 and 28; HIRL Rwy 10-28—CTAF.

AIRPORT REMARKS: Attended Apr-Oct 1230-0100Z†, Nov-Mar 1230-2330Z†.

AIRPORT MANAGER: 585-344-8532

WEATHER DATA SOURCES: AWOS-3PT 127.525 (585) 343-6369.

COMMUNICATIONS: CTAF/UNICOM 122.7

Ⓡ **ROCHESTER APP/DEP CON** 123.7

CLNC DEL 121.8

CLEARANCE DELIVERY PHONE: For CD ctc Cleveland ARTCC at 440-774-0490.

RADIO AIDS TO NAVIGATION: NOTAM FILE BUF.

GENESE (L) (L) VOR/DME 108.2 GEE Chan 19 N42°50.06'

W77°43.97' 311° 22.6 NM to fld. 990/9W.

VOR portion unusable:

208°-224° byd 29 NM blo 5,000'

225°-230°

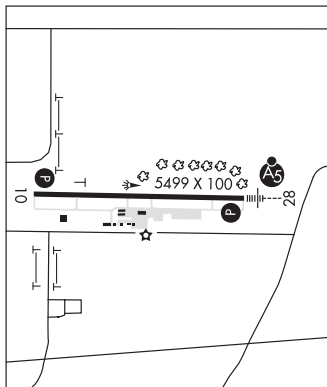
231°-245° byd 29 NM blo 5,000'

DME unusable:

115°-120° byd 29 NM blo 4,000'

140°-155° byd 30 NM blo 5,000'

ILS 108.9 I-GVQ Rwy 28. Glideslope unusable for coupled approaches below 1,433'.



BAYPORT AERODROME (23N) 1 NW UTC-5(-4DT) N40°45.46' W73°03.16'

NEW YORK

39 TPA—639(600) NOTAM FILE ISP

COPTER

RWY 18-36: 2750X150 (TURF) 0.3% up N

RWY 18: Trees. Rgt tfc.

RWY 36: Thld dsplcd 556'. Trees.

NOISE: All downwind spacing for Rwy 18-36 should be over lakes for noise abatement.

AIRPORT REMARKS: Attended 1300Z†-dusk. Arpt CLOSED 30 mins after SS-30 mins before SR. Phone at arpt 631-467-3279. Rwy 18-36 west 75' width open May-Sep, east 75' width open Oct-Apr. No clsd tfc pat or touch and go lds. All tfc enter 45° left base for Rwy 36 at 600' MSL due to heavy jet tfc Rwy 33L at ISP. All tfc enter 45° rgt downwind for Rwy 18 over lakes at 600' MSL due to heavy jet tfc ldg Rwy 33L at ISP. Rwy 18 thld marked with conc blocks flush with turf sfc. Rwy 36 thld and dsplcd thld marked with conc blocks flush with turf sfc. Rwy 36 dsplcd thld marked with 1' wide apron and 2' wide thld (white) both made with conc blocks flush with turf sfc. Pilots be advised due to pattern procedures, acft in the run-up area or starting takeoff roll on Rwy 36, and acft on final approach to Rwy 36, may not be able to see each other due to trees.

AIRPORT MANAGER: 631-467-3300

COMMUNICATIONS: CTAF/UNICOM 122.7

CLEARANCE DELIVERY PHONE: For CD ctc New York Apch at 516-683-2449.

BECKS GROVE (See ROME on page 241)

BINGHAMTON**GREATER BINGHAMTON/EDWIN A LINK FLD** (BGM)(KBGM) 7 N UTC-5(-4DT)**NEW YORK**

N42°12.51' W75°58.78'

**H-10H, 11C, 12J, L-30J, 32F, 33A
IAP, AD**

1636 B TPA-2436(800) Class I, ARFF Index B NOTAM FILE BGM MON Airport

RWY 16-34: H7305X150 (ASPH-GRVD) S-112, D-147, 2S-159, 2D-221 PCN 45 F/D/X/T

HIRL 0.9% up NW

RWY 16: MALSR. PAPI(P2L)—GA 3.0° TCH 61'. RVR-TR Thld dsplcd 400'. Antenna.**RWY 34:** MALSR. PAPI(P2L)—GA 3.0° TCH 64'. RVR-TR Thld dsplcd 205'.**RWY 10-28:** H5001X150 (ASPH-GRVD) S-81, D-103, 2S-159, 2D-168 PCN 32 F/D/X/T MIRL 0.4% up W**RWY 10:** VASI(V4L)—GA 3.0° TCH 53'.**RWY 28:** REIL. VASI(V4L)—GA 3.0° TCH 45'.**RUNWAY DECLARED DISTANCE INFORMATION****RWY 10:** TORA-5001 TODA-5001 ASDA-5001 LDA-5001**RWY 16:** TORA-7305 TODA-7305 ASDA-7305 LDA-6905**RWY 28:** TORA-5001 TODA-5001 ASDA-5001 LDA-5001**RWY 34:** TORA-7305 TODA-7305 ASDA-7305 LDA-7100**ARRESTING GEAR/SYSTEM****RWY 16:** EMAS**RWY 34:** EMAS**SERVICE:** S2 **FUEL** 100LL, JET A **OX3, 4** **LGT** When twr clsd **ACTIVATE** MALSR Rwy 16 and Rwy 34, HIRL Rwy 16-34, MIRL Rwy 10-28 and twy lghts—CTAF.**AIRPORT REMARKS:** Attended continuously. Lgtd structure 118' AGL 2000' south of AER 10. Bird activity on and invof arpt.

Rwy 10 tkofs and lghts na when twr clsd. PPR 12 hrs for unscheduled air carrier ops with more than 9 passenger seats 0400-1100Z‡ call arpt manager 607-763-4474. ARFF avbl 1030-0500Z‡ and/or until 15 min after the last scheduled air carrier opr. Twr unable to see hard sfc south of FBO hangar. FBO svcs avbl 0930-0300Z‡ Sun to Sat. For aft hrs FBO svcs ctc 607-643-1640. Ldg fee for multi-engine and turbine acct over 4000 lbs. User fee arpt.

AIRPORT MANAGER: 607-763-4471**WEATHER DATA SOURCES:** ASOS (607) 729-8335**COMMUNICATIONS:** CTAF 119.3 ATIS 128.15 **UNICOM** 122.95**BINGHAMTON RCO** 122.1R 112.2T (BUFFALO RADIO)® **BINGHAMTON APP/DEP CON** 118.6 (Sfc-5000') 127.55 (6000-8000') (1100-0500Z‡)® **NEW YORK CENTER APP/DEP CON** 132.175 (0500-1100Z‡)**BINGHAMTON TOWER** 119.3 (1100-0500Z‡) **GND CON** 121.9 **CLNC DEL** 125.05**CLEARANCE DELIVERY PHONE:** For CD if una to ctc on FSS freq, ctc New York ARTCC at 631-468-1425.**AIRSPACE:** CLASS D svc 1100-0500Z‡; other times CLASS E.**TRSA** svc ctc **APP CON****RADIO AIDS TO NAVIGATION:** NOTAM FILE BUF.**BINGHAMTON (L) (L) VOR/DME** 112.2 CFB Chan 59 N42°09.45' W76°08.19' 076° 7.6 NM to fld. 1583/10W.

VOR unusable:

023°-033° byd 15 NM blo 6,000'

ILS 110.3 I-AAJ Rwy 16. Class IB. Unmonitored when twr clsd.

ILS 110.3 I-BGM Rwy 34. Class IA. Unmonitored when twr clsd.

COMM/NAV/WEATHER REMARKS: For Clnc Del when twr clsd ctc Buffalo Radio on CFB RCO 122.1R 112.2T.**HELIPAD H1:** H54X54 (ASPH) PERIMETER LGTS**HELIPORT REMARKS:** Helipad located at the intersection of Twy L and the west apron.**BLUE HERON** (See GALLUPVILLE on page 205)

BROCKPORT

LEDGEDALE AIRPARK (7G0) 3 SE UTC-5(-4DT) N43°10.87' W77°54.93'

DETROIT
L-31E, 32F
IAP

665 B NOTAM FILE BUF

RWY 10-28: H4206X75 (ASPH) S-12

RWY 10: Brush.

RWY 28: Trees.

SERVICE: S4 FUEL 100LL, JET A

AIRPORT REMARKS: Attended 1500-2100Z±. For attendance other hrs

Mon-Fri call 585-233-5117. Deer on and invof arpt. Migratory birds on arpt in spring and fall.

AIRPORT MANAGER: 585-880-3298

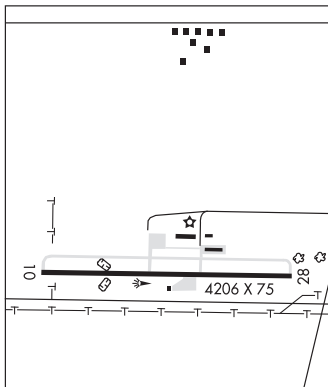
COMMUNICATIONS: CTAF/UNICOM 122.7

Ⓡ **ROCHESTER APP/DEP CON** 123.7

CLEARANCE DELIVERY PHONE: For CD ctc Cleveland ARTCC at 440-774-0490.

RADIO AIDS TO NAVIGATION: NOTAM FILE ROC.

ROCHESTER (L) (L) VORW/DME 110.0 ROC Chan 37 N43°07.08' W77°40.37' 302° 11.3 NM to fld. 545/12W.



BROOKHAVEN (See SHIRLEY on page 246)

BUFFALO

BUFFALO AIRFIELD (9G0) 6 SE UTC-5(-4DT) N42°51.72' W78°43.00'

DETROIT
L-30I, 31E
IAP

670 B TPA-1500(830) NOTAM FILE BUF

RWY 06-24: H2666X60 (ASPH) S-8 MIRL 0.3% up NE

RWY 06: REIL. PAPI(P2R)-GA 3.0° TCH 40'. Thld dspcd 68'. Road.

RWY 24: REIL. PAPI(P2L)-GA 3.0° TCH 28'. Trees.

SERVICE: FUEL 100LL, JET A+ LGT ACTVT REIL Rwy 06 and 24; MIRL Rwy 06-24-CTAF.

AIRPORT REMARKS: Attend sked on call. Call AMGR 716-560-1836. Deer on and invof arpt. 24 hrs self fuel with credit card. Rwy 06 218' safety area. Rwy 24 76' safety area. Rwy 24 +9' to 53' trees; 0-1000' fm rwy; left and right of cntrln.

AIRPORT MANAGER: 716-560-1836

COMMUNICATIONS: CTAF/UNICOM 122.975

Ⓡ **APP/DEP CON** 126.15

CLEARANCE DELIVERY PHONE: For CD ctc Cleveland ARTCC at 440-774-0490.

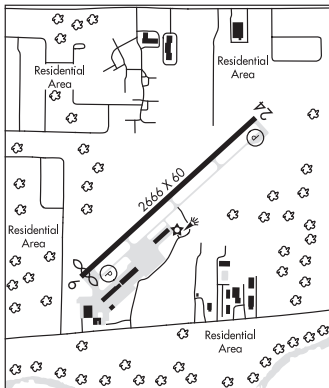
RADIO AIDS TO NAVIGATION: NOTAM FILE BUF.

(H) **DME** 116.4 BUF Chan 111 N42°55.74' W78°38.78' 218° 5.1 NM to fld. 730.

DME unusable:

051°-085° byd 25 NM blo 4,500'

301°-050° byd 25 NM blo 3,500'



BUFFALO NIAGARA INTL (BUF)(KBUF) 5 E UTC-5(-4DT) N42°56.43' W78°43.83'

DETROIT

727 B LRA ARFF Index—See Remarks NOTAM FILE BUF

H-10H, 11B, L-31E

RWY 05-23: H8829X150 (ASPH-GRVD) S-120, D-250, 2D-550,

IAP, AD

2D/2D2-1120 PCN 81 F/B/W/T HIRL CL

RWY 05: MALSR. TDZL. PAPI(P4L)—GA 3.0° TCH 49'. RVR-TMR Thld dspcd 535'. Bldg. 0.9% up.

RWY 23: ALSF2. TDZL. PAPI(P4R)—GA 3.0° TCH 52'. RVR-TMR Thld dspcd 725'. Tree.

RWY 14-32: H7161X150 (ASPH-GRVD) S-120, D-250, 2D-489, 2D/2D2-1016 PCN 70 F/B/W/T HIRL

RWY 14: REIL. PAPI(P4L)—GA 3.0° TCH 53'. Thld dspcd 320'. Tree.

RWY 32: MALSR. PAPI(P4L)—GA 3.0° TCH 54'. Thld dspcd 720'. Sign.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 05: TORA-8829 TODA-8829 ASDA-8104 LDA-7569

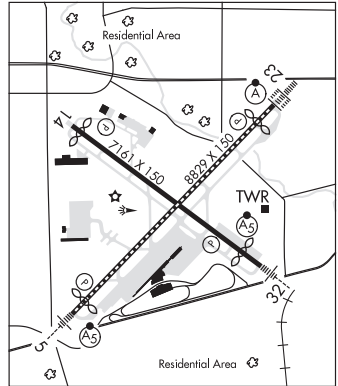
RWY 14: TORA-7161 TODA-7161 ASDA-6441 LDA-6121

RWY 23: TORA-8829 TODA-8829 ASDA-8294 LDA-7569

RWY 32: TORA-7161 TODA-7161 ASDA-6841 LDA-6121

SERVICE: S4 FUEL 100LL, JET A OX 1, 2, 3, 4

AIRPORT REMARKS: Attended continuously. Heavy concentration of gulls, blackbirds, and starlings up to 5000' on and invof arpt. Deer on and invof arpt. Class I, ARFF Index C. ARFF Index D equipment coverage provided. Twy K1 clsd 0200-1300Z± daily. Twy A SW runup area/hldg bay mkd design group 3 acft (generally B737 A21 or smaller), unavbl design group 4 (incl but not ltd to B757 767). Twy P btn apch end Rwy 14 and Twy P2 clsd to acft wingspan more than 117 ft. For FBO svcs ctc 131.75, for cargo svcs ctc 122.95. Ldg fee. Flight Notification Service (ADCUS) avbl.



AIRPORT MANAGER: (716) 630-6030

WEATHER DATA SOURCES: ASOS (716) 635-0532 WSP.

COMMUNICATIONS: D-ATIS 135.35

RCO 122.2 (BUFFALO RADIO)

Ⓡ APP/DEP CON 126.15 (053°-233°) 126.5 (234°-052°)

TOWER 120.5 GND CON 133.2 CLNC DEL 124.7 PRE TAXI CLNC 124.7

CPDLC (LOGON KUSA)

PDC

AIRSPACE: CLASS C svc ctc APP CON.

VOR TEST FACILITY (VOT) 109.0

RADIO AIDS TO NAVIGATION: NOTAM FILE BUF.

(H) DME 116.4 BUF Chan 111 N42°55.74' W78°38.78' 280° 3.8 NM to fld. 730.

DME unusable:

051°-085° byd 25 NM blo 4,500'

301°-050° byd 25 NM blo 3,500'

KLUMP NDB (LOMW) 231 BU N43°00.02' W78°39.05' 233° 5.0 NM to fld. 630/9W.

PLAZZ NDB (LOMW) 204 GB N42°52.43' W78°48.99' 052° 5.5 NM to fld. 593/9W. NOTAM FILE GBD.

ILS 108.5 I-GBI Rwy 05. Class IA. LOM PLAZZ NDB.

ILS 111.3 I-BUF Rwy 23. Class IE. LOM KLUMP NDB. Glideslope unusable byd 5° right of course.

ILS/DME 109.95 I-BNQ Chan 36(Y) Rwy 32. Class IE.

CLARENCE AERODROME (D51) 5 NE UTC-5(-4DT) N43°04.14' W78°41.51'

DETROIT

589 NOTAM FILE BUF

RWY 10-28: 2500X67 (TURF)

RWY 10: Trees.

SERVICE: LGT Actvt LIRL Rwy 10-28—CTAF.

AIRPORT REMARKS: Unattended. Deer and birds on and invof arpt. Ultralights on and invof arpt. Drive/twy crosses Rwy 10 apx 300 ft from W end. Rcmd touchdown byd txy. 2200 ft remaining.

AIRPORT MANAGER: (716) 984-7905

COMMUNICATIONS: CTAF/UNICOM 122.7

CLEARANCE DELIVERY PHONE: For CD ctc Cleveland ARTCC at 440-774-0490.

BUFFALO-LANCASTER RGNL (See LANCASTER on page 216)

CALVERTON N40°55.78' W72°47.93' NOTAM FILE ISP.
 (L) (H) **VOR/DME** 114.55 CCC Chan 92(Y) 219° 7.2 NM to Brookhaven. 85/13W.
 VOR unusable:
 055°-075°
 233°-268° byd 25 NM
 269°-290°
 DME unusable:
 056°-066° byd 39 NM

**NEW YORK
 COPTER
 H-101, L-33B, 341**

CAMBRIDGE

CHAPIN FLD (1B8) 2 N UTC-5(-4DT) N43°03.16' W73°21.79'
 510 NOTAM FILE BTV
RWY 05-23: 2130X65 (TURF)
RWY 05: Tree.
RWY 23: Trees.
RWY 07-25: 2100X63 (TURF)
RWY 07: Thld dsplcd 222'. Railroad.
RWY 25: Thld dsplcd 306'. Road.
SERVICE: S2
AIRPORT REMARKS: Unattended. Rwy 05-23 width varies from 65'-80' based on mowing. Rwy 05-23 and Rwy 07-25 soft and wet Mar-Jun. Ltgd 5' fence at Rwy 25 end. Rwy 07 and Rwy 25 dsplcd thld marked with striped cylinders. 14' hangar, 0' from rwy end, 66' rt.
AIRPORT MANAGER: (518) 727-6509
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Albany Apch at 518-862-2299.

NEW YORK

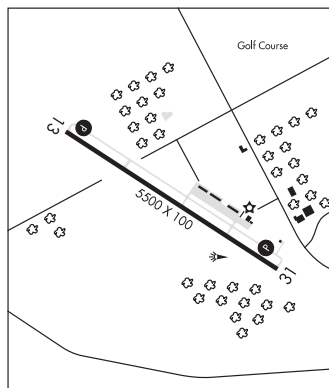
CAMBRIDGE N42°59.66' W73°20.64' NOTAM FILE BTV.
 (L) (L) **VOR/DME** 115.0 CAM Chan 97 159° 7.5 NM to William H Morse State. 1490/14W.
 DME portion unusable:
 040°-130° blo 9,000'

**NEW YORK
 H-11C, 12J, L-32G, 34J**

CANANDAIGUA (IUA)(KIUA) 3 NW UTC-5(-4DT) N42°54.53' W77°19.51'
 814 B NOTAM FILE BUF
RWY 13-31: H5500X100 (ASPH-GRVD) PCN 39 F/D/X/T MIRL
 0.4% up SE
RWY 13: REIL. PAPI(P2L)—GA 3.0° TCH 40'. Tree.
RWY 31: REIL. PAPI(P2R)—GA 3.0° TCH 40'. Tree.
SERVICE: S4 FUEL 100LL, JET A+ LGT ACTVT REIL Rwy 13 and 31;
 PAPI Rwy 13 and 31; MIRL Rwy 13-31—CTAF.
AIRPORT REMARKS: Attended 7 AM-5 PM daily, call FBO for after hours svc.
 For svcs and arpt conditions call 585-394-4780. Frequent medivac
 helicopter opr monitor CTAF.
AIRPORT MANAGER: 585-919-2772
WEATHER DATA SOURCES: AWOS-3P 118.675 (585) 396-5861.
COMMUNICATIONS: CTAF/UNICOM 122.8
 (R) **ROCHESTER APP/DEP CON** 119.55
CLEARANCE DELIVERY PHONE: For CD ctc Cleveland ARTCC at
 440-774-0490.

**DETROIT
 H-12J, L-31E, 32F
 IAP**

RADIO AIDS TO NAVIGATION: NOTAM FILE BUF.
GENESE0 (L) (L) VOR/DME 108.2 GEE Chan 19 N42°50.06'
 W77°43.97' 085° 18.5 NM to fld. 990/9W.
 VOR portion unusable:
 208°-224° byd 29 NM blo 5,000'
 225°-230°
 231°-245° byd 29 NM blo 5,000'
 DME unusable:
 115°-120° byd 29 NM blo 4,000'
 140°-155° byd 30 NM blo 5,000'



CANARSIE N40°36.75' W73°53.67' NOTAM FILE JFK.
 (T) (T) **VOR/DME** 112.3 CRI Chan 70 084° 5.5 NM to John F Kennedy Intl. 4/11W.
 VOR unusable:
 047°-175°
 224°-035°

**NEW YORK
 COPTER
 L-33B, 341**

CARMEL N41°16.81' W73°34.88' NOTAM FILE ISP.

(L) (L) **VOR/DME** 116.6 CMK Chan 113 051° 7.1 NM to Danbury Muni. 693/12W.

VOR unusable:

001°-155°

195°-225°

245°-270°

325°-355°

DME unusable:

000°-015° byd 20 NM

034°-054° byd 20 NM

055°-135° byd 20 NM blo 5,000'

180°-200°

340°-359° byd 20 NM blo 6,000'

NEW YORK

COPTER

H-10I, L-33B, 34I

CATTARAUGUS CO-OLEAN (See OLEAN on page 234)

CHAPIN FLD (See CAMBRIDGE on page 194)

CHAUTAUQUA CO/DUNKIRK (See DUNKIRK on page 198)

CHAUTAUQUA CO/JAMESTOWN (See JAMESTOWN on page 213)

CLARENCE AERODROME (See BUFFALO on page 193)

CLAY

AIRLANE ENTERPRISES (1H1) 1 N UTC-5(-4DT) N43°12.35' W76°10.76'

NEW YORK

385 NOTAM FILE BUF

RWY 01-19: 2220X75 (TURF)

RWY 01: Brush.

RWY 19: Trees.

RWY 10-28: 1550X97 (TURF)

RWY 10: Trees.

RWY 28: Trees.

AIRPORT REMARKS: Attended dalgt hrs. Deer on and invof arpt. Fld soft late fall and early spring. Ski ops in winters. Paraplane activity, evenings and weekends. Rwy 10 line of trees +95' high, 55' left. Rwy 01-19 width varies 75' to 90'. Rwy 10-28 width varies 97' to 136'. Rwy 10-28 edges marked with barrels. Rwy 01-19 edges marked with barrels. 100' long parl ditch rt edge of Rwy 01 first 300'. Rwy 01 20' ver drop 100 to 400' f rwy end.

AIRPORT MANAGER: 315-699-5734

COMMUNICATIONS: CTAF 122.9

CLEARANCE DELIVERY PHONE: For CD ctc Syracuse Apch at 315-455-6218.

COLUMBIA CO (See HUDSON on page 211)

COOPERSTOWN-WESTVILLE (K23) 4 SE UTC-5(-4DT) N42°37.75' W74°53.46'

NEW YORK

1260 NOTAM FILE BUF

RWY 02-20: 2337X125 (TURF) MIRL(NSTD)

RWY 02: NSTD. Trees. Rgt tfc.

RWY 20: NSTD. Crops.

SERVICE: S4 **FUEL** 100LL **LGT** ACTIVATE MIRL Rwy 02-20—CTAF. Rwy 02-20 NSTD MIRL spacing, 2 thld lgts each side.

AIRPORT REMARKS: Unattended. 87 octane also avbl. Self svc fueling avbl. Call manager for svcs. Rwy edge mkd by yellow tires arnd edge lgts.

AIRPORT MANAGER: 607-437-8308

COMMUNICATIONS: CTAF/UNICOM 122.8

CLEARANCE DELIVERY PHONE: For CD ctc Boston ARTCC at 603-879-6859.

CORNING-PAINTED POST (7N1) 2 NW UTC-5(-4DT) N42°10.81' W77°07.30'DETROIT
L-30J, 32F

962 B NOTAM FILE BUF

RWY 13-31: H3269X75 (ASPH) S-30 MIRL

RWY 13: REIL. Tree. Rgt tfc.

RWY 31: REIL. Trees.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 13: TORA-3269 TODA-3269 ASDA-3224 LDA-3224

RWY 31: TORA-3269 TODA-3269 ASDA-3269 LDA-3224

SERVICE: S3 FUEL 100LL, JET A+ LGT Actvt MIRL Rwy 13-31 and REIL Rwy 13 and 31-CTAF. Actvt rotg bcn-CTAF.

AIRPORT REMARKS: Attended dalgt hrs.

AIRPORT MANAGER: 607-962-0053

COMMUNICATIONS: CTAF/UNICOM 122.8

CLEARANCE DELIVERY PHONE: For CD ctc New York ARTCC at 631-468-1425.

RADIO AIDS TO NAVIGATION: NOTAM FILE ELM.

ELMIRA (L) (L) VORW/DME 109.65 ULW Chan 33(Y) N42°05.65' W77°01.49' 332° 6.7 NM to fld. 1631/12W.

VOR unusable:

Blw 10,000'

CORTLAND CO/CHASE FLD (NØ3) 2 SW UTC-5(-4DT) N42°35.56' W76°12.89'NEW YORK
L-32F
IAP

1197 B NOTAM FILE N03

RWY 06-24: H3401X75 (ASPH-GRVD) S-12 MIRL 1.0% up SW

RWY 06: PAPI(P2L)-GA 4.0° TCH 40'. Trees.

RWY 24: REIL. PAPI(P2L)-GA 4.0° TCH 45'. Trees.

SERVICE: S4 FUEL 100LL, JET A+ LGT ACTIVATE MIRL Rwy 06-24,

REIL Rwy 24, PAPI Rwy 06 and Rwy24, and twy lgts-CTAF.

AIRPORT REMARKS: Attended Mon-Fri 1200-2030Z†, unattended holidays.

Other hrs call arpt manager. Hvy concentration of geese and gulls on

and invof arpt drg spring/fall. Self svc fuel avbl 24 hrs with credit card.

Snow removal during day only.

AIRPORT MANAGER: 607-745-5872

WEATHER DATA SOURCES: AWOS-3 132.225 (607) 753-9784.

COMMUNICATIONS: CTAF/UNICOM 122.8

Ⓡ BINGHAMTON APP CON 118.6 (S-SE) (1100-0500Z‡)

Ⓡ ELMIRA APP CON 124.3 (W) (1100-0500Z‡)

Ⓡ NEW YORK CENTER APP CON 133.35 (0500-1100Z‡)

Ⓡ SYRACUSE APP/DEP CON (N) 126.125

CLEARANCE DELIVERY PHONE: For CD ctc Syracuse Apch at 315-455-6218.

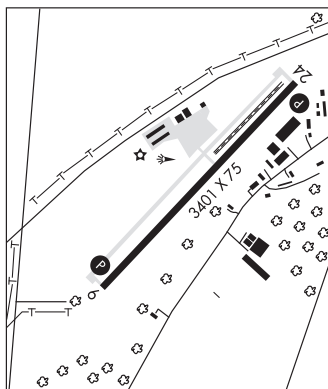
RADIO AIDS TO NAVIGATION: NOTAM FILE ITH.

ITHACA (L) DME 111.8 ITH Chan 55 N42°29.70'

W76°27.58' 062° 12.3 NM to fld. 1112.

DME unusable:

360°-160° byd 20 NM blo 6,500'



DANSVILLE MUNI (DSV)(KDSV) 1 NW UTC-5(-4DT) N42°34.23' W77°42.80'
660 B NOTAM FILE DSV

DETROIT
L-301, 31E, 32F
IAP

RWY 14-32: H3500X100 (ASPH) S-30 MIRL 0.7% up SE

RWY 14: VASI(V2L)—GA 3.0° TCH 35'. Fence.

RWY 32: VASI(V4L)—GA 4.0° TCH 53'. Road.

SERVICE: S2 **FUEL** 100LL **LGT** ACTIVATE VASI Rwy 14 and Rwy 32;
MIRL Rwy 14-32—CTAF.

AIRPORT REMARKS: Attended Mon-Fri 1400-2130Z±. Extensive glider activity. 100LL after hrs ctc AMGR cell. Call AMGR for fuel availability. Glider use right pat for the turf area to the rgt of Rwy 32 and left pat for the turf area to the left of Rwy 14. Rwy 14 90' relocated thld.

AIRPORT MANAGER: 585-330-8840

WEATHER DATA SOURCES: ASOS 118.325 (585) 335-2380.

COMMUNICATIONS: CTAF/UNICOM 123.0

Ⓡ **ROCHESTER APP/DEP CON** 123.7

CLEARANCE DELIVERY PHONE: For CD ctc Cleveland ARTCC at 440-774-0490.

RADIO AIDS TO NAVIGATION: NOTAM FILE BUF.

GENESE (L) (L) **VOR/DME** 108.2 **GEE** Chan 19 N42°50.06'
W77°43.97' 186° 15.9 NM to fld. 990/9W.

VOR portion unusable:

208°-224° byd 29 NM blo 5,000'

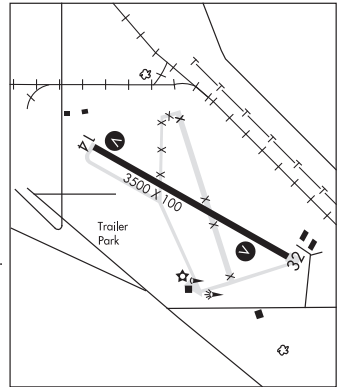
225°-230°

231°-245° byd 29 NM blo 5,000'

DME unusable:

115°-120° byd 29 NM blo 4,000'

140°-155° byd 30 NM blo 5,000'



DART (See MAYVILLE on page 220)

DEER PARK N40°47.50' W73°18.22' NOTAM FILE ISP.

NEW YORK
COPTER
H-101, L-33B, 34H

(L) (L) **VOR/DME** 117.7 **DPK** Chan 124 245° 6.3 NM to Republic. 123/12W.

VOR/DME unusable:

Byd 25 NM blo 5,000'

DME unusable:

265°-274° byd 17 NM blo 5,000'

275°-280°

281°-015° byd 17 NM blo 5,000'

RCO 122.2 (NEW YORK RADIO)

DEGRASSE MOORES (1E8) 3 N UTC-5(-4DT) N44°23.28' W75°03.98'

MONTREAL

815 NOTAM FILE BTW

RWY 02-20: 2200X55 (TURF)

RWY 02: Trees.

RWY 20: Trees.

AIRPORT REMARKS: Unattended. Deer on and invof arpt. Dirt road to hangar crosses approximate midpoint of rwy. Rwy 20 58' trees 263' from rwy beginning, across rwy width and approximately 800' along both sides. 2 ft ditch imt rt of thld mkd by cones. Rwy 20 starts at approximately 250' from trees on rwy end. Rwy 20 3 earthen ounds approx 5 ft high off right side of rwy 400 ft from thld. Trees/brush next to rwy thld L/S. Rwy 02 trees/brush next to corner of thld L/S.

AIRPORT MANAGER: (315) 379-1907

COMMUNICATIONS: CTAF 122.9

CLEARANCE DELIVERY PHONE: For CD ctc Boston ARTCC at 603-879-6859.

DELANCEY N42°10.70' W74°57.42' NOTAM FILE BUF.

NEW YORK
H-11C, 12H, L-33A

(L) (L) **VOR/DME** 112.1 **DNY** Chan 58 301° 21.8 NM to Sidney Muni. 2560/11W.

DOWNTOWN MANHATTAN/WALL ST HELIPORT (See NEW YORK on page 224)

DUANESBURG (4B1) 0 S UTC-5(-4DT) N42°45.59' W74°08.08'

NEW YORK

714 NOTAM FILE BTV

RWY 10-28: 2600X45 (TURF-GRVL) 0.5% up E**RWY 10:** Road.**RWY 28:** Trees.**SERVICE:** FUEL 100LL**AIRPORT REMARKS:** Unattended. Rwy 10-28 grass with some areas of grvl. Check with arpt management for current condition at 518-421-8881. Rwy 10 safety area has -20' slope 25' from thld. Rwy 10-28 65' trees in primary sfc south side of rwy.**AIRPORT MANAGER:** 518-421-8881**COMMUNICATIONS:** CTAF/UNICOM 123.0**CLEARANCE DELIVERY PHONE:** For CD ctc Albany Apch at 518-862-2299.**DUNKIRK****CHAUTAQUA CO/DUNKIRK** (DKK)(KDKK) 3 E UTC-5(-4DT) N42°29.64' W79°16.27'

DETROIT

692 B NOTAM FILE DKK

H-10H, L-30H

RWY 06-24: H6000X100 (ASPH-GRVD) S-49.6, D-68, 2D-130

IAP, AD

HIRL

RWY 06: REIL. PAPI(P4L)—GA 3.0° TCH 43'.**RWY 24:** REIL. PAPI(P4L)—GA 3.0° TCH 44'. Tree.**RWY 15-33:** H4000X100 (ASPH) S-49.6, D-68, 2D-130 MIRL
0.8% up SE**RWY 15:** PAPI(P4L)—GA 3.0° TCH 36'. Tree.**RWY 33:** PAPI(P4L)—GA 3.1° TCH 45'. Trees.**SERVICE:** S6 FUEL 100LL, JET A, A+ LGT ACTIVATE HIRL Rwy 06-24 and MIRL Rwy 15-33, and PAPI Rwy 06, Rwy 24, Rwy 15 and Rwy 33, and REIL Rwy 06 and Rwy 24—CTAF.**AIRPORT REMARKS:** Attended 1200-2030Z†, exc federal hols. Attended hrs are subj to chg, call amgr at 716-581-0062 to cfm. Deer and birds invof arpt. During winter normal attendance hrs snow removal opr are avbl, snow removal may be limited on holidays, airfield rwy/twy conditions not monitored outside of normal attendance hrs. PPR for svcs outside FBO hrs; FBO oprng hrs are 1300-2200Z†, call FBO at 716-203-6478 durg and aft oprng hrs. Cold temperature airport. Altitude correction required at or below -22C.**AIRPORT MANAGER:** (716) 661-8930**WEATHER DATA SOURCES:** ASOS 119.275 (716) 366-7664.**COMMUNICATIONS:** CTAF/UNICOM 123.075

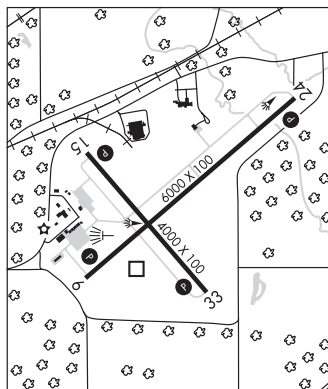
RCO 122.3 (BUFFALO RADIO)

Ⓡ BUFFALO APP/DEP CON 126.5

CLEARANCE DELIVERY PHONE: For CD ctc Buffalo ATCT at 716-626-6939/6919.**RADIO AIDS TO NAVIGATION:** NOTAM FILE DKK.**DUNKIRK (DH) DME** 116.2 DKK Chan 109 N42°29.42' W79°16.45' at fld. 681.

DME unusable:

094°-221° byd 26 NM blo 8,000'

**DUNKIRK** N42°29.42' W79°16.45' NOTAM FILE DKK.

DETROIT

(DH) DME 116.2 DKK Chan 109 at Chautauqua Co/Dunkirk. 681.

H-10H, L-30H

DME unusable:

094°-221° byd 26 NM blo 8,000'

RCO 122.3 (BUFFALO RADIO)

EAST 34TH STREET HELIPORT (See NEW YORK on page 224)

EAST HAMPTON TOWN (JPX)(KJPX) PVT 3 W UTC-5(-4DT) N40°57.57' W72°15.10'

NEW YORK

L-33C, L-34I

AIRSPACE: CLASS D svc 1300-0100Z, ops Sat bfr Memorial Day to Sun aft Labor Day; other times CLASS E.

IAP

EAST MORICHES
LUFKER (49N) 1 NE UTC-5(-4DT) N40°49.49' W72°45.06'

NEW YORK

57 NOTAM FILE ISP

COPTER

RWY N-S: 2300X100 (TURF)**RWY N:** Trees.**RWY S:** Tree. Rgt tfc.

AIRPORT REMARKS: Attended dalgt hrs. Banner towing ops May-Oct. Glider and ultralights ops dalgt hrs May-Oct. Spadaro arpt tfc pat 590' east. Rwy N acft tiedowns 25-30' rgt from centerline 100-450' southend of rwy. Rwy N +35' powerlines 80' from rwy beginning, road 45' from rwy beginning. Rwy N has acft tiedown 40' from thld right. Rwy N-S south end of rwy marked with boards. Ldg fee.

AIRPORT MANAGER: 516-203-5930**COMMUNICATIONS:** CTAF 122.9**CLEARANCE DELIVERY PHONE:** For CD ctc New York Apch at 516-683-2449.

SPADARO (1N2) 1 NE UTC-5(-4DT) N40°49.67' W72°44.92'

NEW YORK

50 NOTAM FILE ISP

COPTER

RWY 18-36: H2400X25 (ASPH) S-12.5**RWY 18:** Trees.**RWY 36:** Thld dsplcd 485'. P-line. Rgt tfc.**NOISE:** Use north opn for tkf with no wind; heavy gross weight; and for noise abatement.

AIRPORT REMARKS: Attended May-Oct dalgt hrs. Arpt CLOSED indef. Parachute Jumping. Ultralghts on and invof arpt. PAEW 75' east of Rwy 18. Due to close proximity of Lufker arpt (590' between rwys) adhere to the following tfc pat. North ops, Spadaro-Rgt tfc, LUFKER-Left tfc. South ops, Spadaro-Left tfc, Lufker-Rgt tfc. Arrivals, intercept final apch 45° to final apch leg 1500' from apch end of rwy. Departures, make 45° turn as soon as possible after tkf to intercept crosswind leg. Use south ops for ldg when winds are 5 kts or less, or when winds are more than 5 kts 90° either side of centerline. Rwy 18-36 vegetation in cracks.

AIRPORT MANAGER: 631-878-1125**COMMUNICATIONS:** CTAF/UNICOM 123.0**CLEARANCE DELIVERY PHONE:** For CD ctc New York Apch at 516-683-2449.

EDINBURG
PLATEAU SKY RANCH (1F2) 1 NW UTC-5(-4DT) N43°13.53' W74°06.87'

NEW YORK

1070 NOTAM FILE BTV

RWY 06-24: 2400X100 (TURF) 0.5% up NE**RWY 06:** Road.**RWY 24:** Road.**RWY 01-19:** 2000X100 (TURF) 1.0% up N**RWY 01:** Trees.**RWY 19:** Trees.

AIRPORT REMARKS: Unattended. Ultralgt acft on and invof arpt. Rwy 1; +30'-60' trees, 0'-240' from thld, 15'-100' left and right of centerline. Rwy 6; +20'-65' trees, 0'-500' from thld, 30'-150' left and right of centerline. Rwy 19; +17'-52' trees, 0'-230' from thld, 50'-100' right of centerline. Rwy 24; +35'-50' trees, 90'-250' from thld, 0'-125' right of centerline and +50' trees, 350'-425' from thld 110'-150' left of centerline. Rwy 01-19 edges marked with red cones all seasons exc winter. Rwy 06-24 edges marked with red cones all seasons exc winter. Arpt not plowed or mntnd durg winter months, rwy sfc can be soft as frost leaves the gnd in spring. Acft parked/hangared on non-arpt land. Cross public road to/from arpt.

AIRPORT MANAGER: 518-863-2725**COMMUNICATIONS:** CTAF/UNICOM 122.8**CLEARANCE DELIVERY PHONE:** For CD ctc Albany Apch at 518-862-2299.

ELIZABETH FLD (See FISHERS ISLAND on page 204)

ELLENVILLE

JOSEPH Y RESNICK (N89) 1 NE UTC-5(-4DT) N41°43.73' W74°22.61'

290 B NOTAM FILE ISP

RWY 04-22: H3839X75 (ASPH) MIRL

RWY 04: REIL. PAPI(P2L)—GA 3.5° TCH 40'. Trees.

RWY 22: REIL. PAPI(P2L)—GA 3.0° TCH 39'. Thld dspcd 309'. Rgt ttc.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 04: TORA-3838 TODA-3838 ASDA-3838 LDA-3538

RWY 22: TORA-3838 TODA-3838 ASDA-3838 LDA-3538

SERVICE: S2 FUEL 100LL LGT ACTIVATE REIL Rwy 04 and Rwy 22,

PAPI Rwy 04 and Rwy 22, MIRL Rwy 04-22—CTAF.

AIRPORT REMARKS: Attended 1300Z±-dusk. Rwy 04 +60' trees 200' from rwy 191' rgt. Rwy 22 +8' fence crosses runway, 24' from thld. Avoid overflight of school and village when taking off Rwy 22 or apch to Rwy 04, helicopter operations follow fixed wing flight pattern. Avoid overflight of hospital and school bldgs approx 1 mile southwest of Rwy 22 and prison approx 1/2 mile northeast of arpt. Cold temperature airport. Altitude correction required at or below -6C.

AIRPORT MANAGER: 845-647-7800

COMMUNICATIONS: CTAF/UNICOM 122.8

® **NEW YORK APP/DEP CON** 132.75

CLEARANCE DELIVERY PHONE: For CD ctc New York Apch at 516-683-2448

RADIO AIDS TO NAVIGATION: NOTAM FILE ISP.

KINGSTON (VL) (L) VOR/DME 117.6 IGN Chan 123 N41°39.93' W73°49.33' 291° 25.2 NM to fld. 581/12W.

VOR unusable:

008°-018° byd 40 NM blo 4,000'

008°-018° byd 70 NM

020°-123° byd 40 NM

045°-050° byd 35 NM blo 4,300'

070°-140° byd 30 NM blo 3,400'

130°-148° byd 40 NM

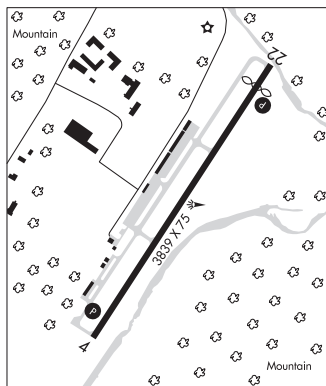
243°-253° byd 40 NM

275°-310° byd 40 NM

311°-321° byd 40 NM blo 6,000'

311°-321° byd 64 NM

322°-001° byd 40 NM



NEW YORK
L-33B, 341
IAP

ELMIRA/CORNING RGNL (ELM)(KELM) 6 NW UTC-5(-4DT) N42°09.59' W76°53.50'
 955 B TPA—See Remarks LRA ARFF Index—See Remarks NOTAM FILE ELM

NEW YORK
 H-10H, 12J, L-30J, 32F
 IAP, AD

RWY 06-24: H8001X150 (ASPH-GRVD) S-80, D-121, 2S-154,
 2D-200 PCN 50 F/C/X/T HIRL CL
RWY 06: MALSR. REIL. VASI(V4L)—GA 3.0° TCH 51'. RVR-TMR Thld
 dsplcd 600'. Tree.
RWY 24: MALSR. REIL. PAPI(P4L)—GA 3.0° TCH 52'. RVR-TMR Thld
 dsplcd 202'. Tree.
RWY 10-28: H5404X150 (ASPH-GRVD) S-57, D-90, 2S-114,
 2D-150 PCN 17 F/C/X/T MIRL
RWY 10: Trees.
RWY 28: PAPI(P4L)—GA 3.0° TCH 40'. Thld dsplcd 402'. Pole.
RWY 05-23: 2016X150 (TURF)

RUNWAY DECLARED DISTANCE INFORMATION

RWY 05: TORA-2017	TODA-2017	ASDA-2017	LDA-2017
RWY 06: TORA-8001	TODA-8001	ASDA-8001	LDA-7401
RWY 10: TORA-5404	TODA-5404	ASDA-5004	LDA-5004
RWY 23: TORA-2017	TODA-2017	ASDA-2017	LDA-2017
RWY 24: TORA-8001	TODA-8001	ASDA-8001	LDA-7799
RWY 28: TORA-5404	TODA-5404	ASDA-5404	LDA-5002

ARRESTING GEAR/SYSTEM

RWY 06: EMAS

SERVICE: S4 FUEL 100LL, JET A OX 4 LGT When twr clsd ACTIVATE MALSR Rwy 06 and 24, centerline lgts Rwy 06-24, HIRL Rwy 06-24, twy lights on Twy A, Twy A1, Twy A2, Twy A3, Twy B, Twy D, Twy J, Twy L, Twy T and Twy C north of Rwy 06-24—CTAF. When twr clsd MIRL Rwy 10-28; twy lights on Twy E, Twy G, Twy H and Twy C south of Rwy 06-24 not avbl. PAPI Rwy 24 unusable byd 9° rgt of centerline.

AIRPORT REMARKS: Attended continuously. Extensive glider activity on and infov arpt. Birds and deer on and infov arpt. Blimp activity rqr PPR, ctc arpt management at 607-426-5621. Class I, ARFF Index B. ARFF index C equipment coverage is avbl upon req ctc arpt management at 607-426-5621. TPA—2500(1545) reciprocating eng, 3000(2045) Turboprop/Jet. Rwy 10 opr prohibited for acft with apch speeds greater than or equal to 121 knots and/or wingspans greater than or equal to 118'. Acft with wing spans greater than 93' should use extreme care when taxiing on Twy T adjacent to aprons. Rwy 05-23 (southeast of Rwy 06-24) unmarked seasonal use turf rwy clsd 1 Dec through 30 Apr. For land side access from apron when FBO clsd ctc ELM arpt attendant at 607-426-5621. Rwy 05-23 marked with asph L corner markers. Winter deicing on glycol apron only. Cold temperature airport. Altitude correction required at or below -22C. PAPI Twy H, Twy J, and Twy L limited to design Group II acft. Ldg fee for all non based acft. Terminal ramp is uncontrolled. Do not call for push/power back. Advise ground control when ready to taxi for dep. Twy T btn Twy L and Twy D non-movement area.

AIRPORT MANAGER: 607-739-5621

WEATHER DATA SOURCES: ASOS (607) 796-0065

COMMUNICATIONS: CTAF 121.1 ATIS 125.475 UNICOM 122.95

RCO 122.2 (BUFFALO RADIO)

Ⓡ **ELMIRA APP/DEP CON** 128.425 (1100-0500Z‡)

Ⓡ **NEW YORK CENTER APP/DEP CON** 133.35 (0500-1100Z‡)

ELMIRA TOWER 121.1 (1100-0500Z‡) GND CON 121.9 CLNC DEL 121.9

CLEARANCE DELIVERY PHONE: For CD if una to ctc on FSS freq, ctc New York ARTCC at 631-468-1425.

AIRSPACE: CLASS D svc 1100-0500Z‡; other times CLASS E.

TRSA svc ctc APP CON (within 15 NM)

RADIO AIDS TO NAVIGATION: NOTAM FILE ELM.

(L) (L) **VORW/DME** 109.65 ULW Chan 33(Y) N42°05.65' W77°01.49' 068° 7.1 NM to fld. 1631/12W.

VOR unusable:

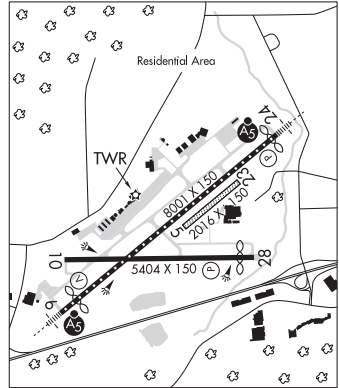
Blw 10,000'

ALPINE NDB (MHW) 245 ALP N42°14.32' W76°45.84' 242° 7.4 NM to fld. 1287/12W.

ILS 109.1 I-UEK Rwy 06. Class IA. Unmonitored when twr clsd.

ILS 109.1 I-ELM Rwy 24. Class IB. Unmonitored when twr clsd.

COMM/NAV/WEATHER REMARKS: For Clnc Del when twr clsd ctc Buffalo Radio on 122.2.



ENDICOTT

TRI-CITIES (CZG)(KCZG) 3 SW UTC-5(-4DT) N42°04.71' W76°05.78'

833 B NOTAM FILE CZG

RWY 03-21: H3900X75 (ASPH) S-30 MIRL

RWY 03: REIL. Road.

RWY 21: REIL. PAPI(P2R)—GA 4.0° TCH 40'. Road.

SERVICE: FUEL 100LL **LGT** Rotating bcn obscured north and west of arpt due to high terrain. **ACTIVATE** REIL Rwy 03 and Rwy 21; MIRL Rwy 03-21 —CTAF.

AIRPORT REMARKS: Attended, call arpt manager for specific attendance times. 24 hr self-svc fuel avbl with credit card. High terrain all quadrants. Rwy 21 extended safety area has sfc variations/depressions. Grvl access road crosses Rwy 03 apch. High tension towers 2000' from Rwy 21 thld 60-70' tall. Microwave tower +600' 2.8 miles out 3150' left of Rwy 21; apch—unmarked/unlighted 24:1 slope. Cold temperature airport. Altitude correction required at or below -17C.

AIRPORT MANAGER: 607-785-0467

WEATHER DATA SOURCES: AWOS-3 119.075 (607) 785-2926.

COMMUNICATIONS: CTAF/UNICOM 122.8

Ⓡ BINGHAMTON APP/DEP CON 118.6 (1100-0500Z‡)

Ⓡ NEW YORK CENTER APP/DEP CON 133.35 (0500-1100Z‡)

CLNC DEL 121.7

CLEARANCE DELIVERY PHONE: When Apch clsd, for CD ctc New York ARTCC at 631-468-1425.

RADIO AIDS TO NAVIGATION: NOTAM FILE BUF.

BINGHAMTON (L) (L) VOR/DME 112.2 CFB Chan 59 N42°09.45' W76°08.19' 169° 5.1 NM to fld. 1583/10W.

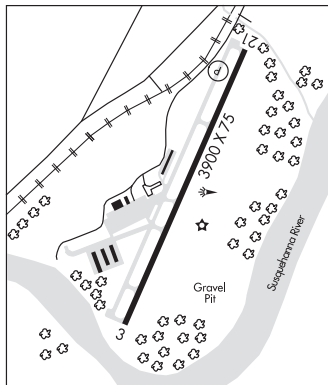
VOR unusable:

023°-033° byd 15 NM blo 6,000'

NEW YORK

L-30J

IAP



EVERS SPB (See NEW YORK on page 224)

FARMINGDALE

REPUBLIC (FRG)(KFRG) 1 E UTC-5(-4DT) N40°43.76' W73°24.81'

NEW YORK

81 B TPA—See Remarks LRA ARFF Index—See Remarks NOTAM FILE FRG

COPTER

RWY 14-32: H6833X150 (ASPH-GRVD) S-45, D-60 PCN 51 F/B/X/T

H-101, 12J, L-33B, 34H

HIRL

IAP, AD

RWY 14: MALSF. PAPI(P4L)—GA 3.0° TCH 50'. Thld dsplcd 676'. Pole.

RWY 32: REIL. PAPI(P4L)—GA 3.0° TCH 53'. Road. Rgt ttc.

RWY 01-19: H5516X150 (ASPH-GRVD) S-45, D-60 PCN 76 F/C/X/T

MIRL 0.3% up N

RWY 01: REIL. PAPI(P4L)—GA 3.09° TCH 44'. Pole. Rgt ttc.

RWY 19: REIL. PAPI(P4L)—GA 3.1° TCH 43'. Bldg.

LAND AND HOLD—SHORT OPERATIONS

LDG RWY	HOLD—SHORT POINT	AVBL LDG DIST
RWY 32	01-19	3650

RUNWAY DECLARED DISTANCE INFORMATION

RWY 01:	TORA-5516	TODA-5516	ASDA-5516	LDA-5116
RWY 14:	TORA-6833	TODA-6833	ASDA-6833	LDA-6157
RWY 19:	TORA-5516	TODA-5516	ASDA-5516	LDA-5516
RWY 32:	TORA-6833	TODA-6833	ASDA-6833	LDA-6833

ARRESTING GEAR/SYSTEM

RWY 14: EMAS

RWY 32: EMAS

SERVICE: S4 FUEL 100LL, JET A OX 1, 2, 3, 4 LGT When ATCT clsd

actvt REIL Rwy 01, 19, 32; PAPI Rwy 01, 19, 14, and 32; HIRL Rwy 14-32; MIRL Rwy 01-19; twy lgts—CTAF. Rwy 19 PAPI unusbl byd 4 deg left of cntrn.

NOISE: Voluntary NS ABTMT procedures in effect for fixed wing and helicopter. Ctc arpt management 631-752-7707 extension 6108.

AIRPORT REMARKS: Attended continuously. Birds invof arpt. Class IV ARFF Index A. Index B avbl on request call 631-752-7707. Act with wingspan 79' or larger are addz to taxi or back-taxi on rwy 14. Twys may not provide adequate width, turning radius, and or separation from obstructions. Wooded area south of Twy A, east of Twy G clsd to helicopters. Jet maint runups pmtd only in the Twy A, D, F, & G holding bays. TPA-1180(1100) reciprocating eng, 1680(1600) Turboprop/Jet. Act parking for US Cstmis is located on the main terminal ramp. All international arrivals must ctc FBO for svc when clearing cstmis. All international arrivals must not enter the main terminal ramp until FBO personnel are present for marshalling. Ctc arpt ops 122.9 mHz for instructions. Terminal use fees apply. Ldg fee for all actc exc mil and government.

AIRPORT MANAGER: 631-752-7707

WEATHER DATA SOURCES: ASOS (631) 752-8129 LAWRs.

COMMUNICATIONS: CTAF 118.8 ATIS 126.65 UNICOM 122.95

Ⓡ NEW YORK APP CON 128.125

Ⓡ NEW YORK DEP CON 125.7

TOWER 118.8 (1200-0400Z±) GND CON 121.6 CLNC DEL 128.25 When FRG twr clsd

CLEARANCE DELIVERY PHONE: For CD when ATCT clsd ctc New York Apch on 128.25, if una call 516-683-2962.

AIRSPACE: CLASS D svc 1200-0400Z±; other times CLASS G.

RADIO AIDS TO NAVIGATION: NOTAM FILE ISP.

DEER PARK (L) (L) VORW/DME 117.7 DPK Chan 124 N40°47.50' W73°18.22' 245° 6.3 NM to fld. 123/12W.

VOR/DME unusable:

Byd 25 NM blo 5,000'

DME unusable:

265°-274° byd 17 NM blo 5,000'

275°-280°

281°-015° byd 17 NM blo 5,000'

FRIKK NDB (LOMw) 407 FR N40°46.59' W73°28.95' 146° 4.2 NM to fld. 153/14W. NOTAM FILE FRG.

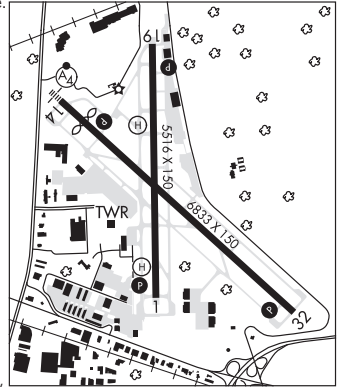
ILS 111.9 I-FRG Rwy 14. Class IE. LOM FRIKK NDB. Autopilot cpd apch na blw 550' MSL. LOM NDB

unmonitored.

HELIPAD H1: H79X79 (ASPH)

HELIPAD H2: H44X44 (ASPH)

HELIPORT REMARKS: H1 lctd on Twy B at the intersection of Twy F. H2 located on Twy B north of Twy B6.



FINGER LAKES RGNL (See SENECA FALLS on page 245)

FISHERS ISLAND

ELIZABETH FLD (ØB8) 8 SE UTC-5(-4DT) N41°15.13' W72°01.90'

NEW YORK
L-33C, 34I
IAP

7 NOTAM FILE BDR

RWY 12-30: H2345X100 (ASPH) MIRL

RWY 12: REIL. PAPI(P2L)—GA 3.0° TCH 20'. Road.

RWY 30: REIL. PAPI(P2R)—GA 3.0° TCH 20'.

RWY 07-25: H1806X75 (ASPH) MIRL

RWY 07: REIL. PAPI(P2L)—GA 3.75° TCH 20'. Ground.

RWY 25: REIL. PAPI(P2L)—GA 3.0° TCH 20'. Road.

SERVICE: LGT ACTIVATE MIRL Rwys 07-25 and 12-30, PAPI Rwys 07, Rwy 12, Rwy 25 and Rwy 30, REIL Rwy 07, Rwy 12, Rwy 25 and Rwy 30—CTAF.

AIRPORT REMARKS: Attended May-Oct Mon-Sat 1300-2130Z†, Sun 1500-2130Z†. Unattended 1 Nov-30 Apr. Arpt located 7.0 NM SE of New London CT. Ldg fee.

AIRPORT MANAGER: 917-675-0296

COMMUNICATIONS: CTAF/UNICOM 122.8

Ⓡ **PROVIDENCE APP/DEP CON** 125.75 (Sun-Fri 1030-0530Z†, Sat 1030-0500Z†) other times ctc

BOSTON CENTER APP/DEP CON 124.85

CLEARANCE DELIVERY PHONE: For CD ctc Providence Apch at 401-738-8945, when Apch clsd ctc Boston ARTCC at 603-879-6859.

RADIO AIDS TO NAVIGATION: NOTAM FILE GON.

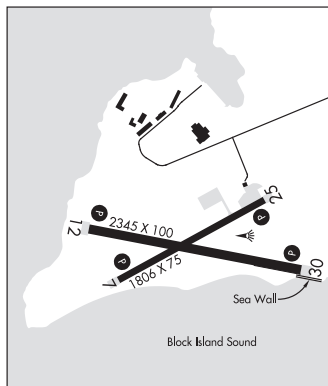
GROTON (T) (T) VORV/DME 110.85 GON Chan 45(Y) N41°19.82' W72°03.12' 183° 4.8 NM to fld. 9/14W.

VOR portion unusable:

241°-265° blo 5,000'

DME unusable:

355°-019° blo 3,000'



FLOYD BENNETT MEML (See GLENS FALLS on page 207)

FORT ANN

HARRIS (83K) 2 W UTC-5(-4DT) N43°24.59' W73°31.96'

NEW YORK

261 NOTAM FILE BTV

RWY 04-22: 2200X50 (TURF) 1.7% up SW

RWY 04: Tree. Rgt tfc.

RWY 22: Tree.

AIRPORT REMARKS: Unattended. No flying west of rwy over houses. Upslope at thld Rwy 22.

AIRPORT MANAGER: 518-361-1380

COMMUNICATIONS: CTAF 122.9

CLEARANCE DELIVERY PHONE: For CD ctc Albany Apch at 518-862-2299.

FRANCIS S GABRESKI (See WESTHAMPTON BEACH on page 254)

FRANKFORT-HIGHLAND (See UTICA/FRANKFORT on page 251)

FREDERICK DOUGLASS/GREATER ROCHESTER INTL (See ROCHESTER on page 240)

FREEHOLD (115) 1 NW UTC-5(-4DT) N42°21.84' W74°03.90'

NEW YORK

440 NOTAM FILE BTV

RWY 12-30: H2275X22 (ASPH) 0.7% up NW

RWY 12: Trees.

RWY 30: Trees.

AIRPORT REMARKS: Attended Apr-Dec 1400Z†-dusk. Extensive glider activity, especially on weekends. Rwy 12-30 fcn broken and spalling for entire length. Ctc arpt manager for fld conditions Dec 1-Apr 1, 518-966-8503. Rgt tfc for gliders Rwy 12 only. Rwy 12-30 100' by 2640' turf rwy adjacent to paved rwy (south edge) beginning at 735' from Rwy 30 thld.

AIRPORT MANAGER: 518-253-4859

COMMUNICATIONS: CTAF 122.85

CLEARANCE DELIVERY PHONE: For CD ctc Albany Apch at 518-862-2299.

FRIKK N40°46.59' W73°28.95' NOTAM FILE FRG.

NDB (LOMW) 407 FR 146° 4.2 NM to Republic. 153/14W.

FULTON

OSWEGO CO (FZY)(KFZY) 3 NE UTC-5(-4DT) N43°21.05' W76°23.28'

475 B NOTAM FILE FZY

RWY 15-33: H5196X100 (ASPH-GRVD) S-80, D-123

PCR 31 F/B/W/T HIRL 0.6% up SE

RWY 15: REIL. Pole.

RWY 33: REIL. PAPI(P4L)—GA 3.55° TCH 36'. Thld dspldc 414'. Road.

RWY 06-24: H3997X100 (ASPH-GRVD) S-80, D-123

PCR 31 F/B/W/T MIRL 0.3% up NE

RWY 06: REIL. Trees.

RWY 24: REIL. Pole.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 33: TORA-5196 TODA-5196 ASDA-5196 LDA-5196

SERVICE: S4 **FUEL** 100LL, JET A **LGT** HIRL Rwy 15-33 and PAPI Rwy 33 opr SS-SR and preset low intst; to incr intst and ACTVT REIL Rwy 15-33; HIRL Rwy 15-33; MIRL Rwy 06-24; PAPI Rwy 33—CTAF.

AIRPORT REMARKS: Attended Mon-Fri 1230-2100Z. Attendance other hrs, call arpt manager. Deer and birds on or infov arpt. Ultralight activity on and infov arpt. Rwy conditions may not be monitored or reported when arpt is unattended. Avoid vcnty of twr due north on lakeshore. Actd de-icing avbl, ctc arpt manager at 315-591-9130. Rwy 33 designated calm wind rwy. Grass cutting equipment operations adjacent to all operational surfaces daylight hours May thru Oct.

AIRPORT MANAGER: 315-591-9130

WEATHER DATA SOURCES: ASOS 119.275 (315) 598-8773.

COMMUNICATIONS: CTAF/UNICOM 123.0

Ⓡ **SYRACUSE APP/DEP CON** 126.125

CLEARANCE DELIVERY PHONE: For CD ctc Syracuse Apch at 315-455-6218.

RADIO AIDS TO NAVIGATION: NOTAM FILE SYR.

SYRACUSE (VH) (H) VORTACW 117.0 SYR Chan 117 N43°09.63' W76°12.27' 336° 14.0 NM to fld. 453/11W.

TACAN AZIMUTH unusable:

Byd 35 NM blo 4,000'

VOR unusable:

010°-025°

026°-066° byd 40 NM

067°-077° byd 30 NM

078°-133° byd 40 NM

134°-144° byd 19 NM

145°-216°

217°-227° byd 40 NM blo 18,000'

228°-288° byd 40 NM

289°-299° byd 40 NM blo 2,300'

289°-299° byd 47 NM

300°-351° byd 40 NM

352°-009° byd 40 NM blo 3,000'

352°-009° byd 57 NM

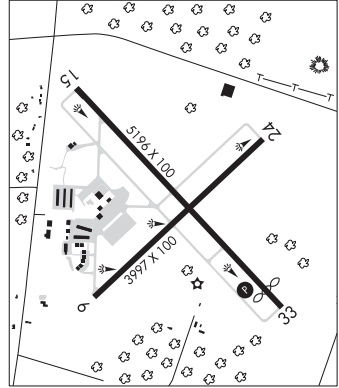
DME unusable:

Byd 35 NM blo 4,000'

ILS/DME 110.9 I-FZY Chan 46 Rwy 33. Class IT.

COMM/NAV/WEATHER REMARKS: During periods of snow removal operations Nov 1 thru Apr 1 acft must ctc arpt on freq 123.0

10 minutes prior to ldg.



NEW YORK
H-11C, 12I, L-32F
IAP, AD

FULTON CO (See JOHNSTOWN on page 214)

GALLUPVILLE

BLUE HERON (N25) 3 NE UTC-5(-4DT) N42°41.84' W74°11.97'

NEW YORK

1200 NOTAM FILE BTV

RWY 09-27: 2600X70 (TURF)

RWY 09: Road.

RWY 27: Trees.

AIRPORT REMARKS: Attended Apr-Oct dawn-dusk. Ctc arpt manager for fld conditions during winter and Apr-May. Rwy 27; +40'-100' trees, across thld.

AIRPORT MANAGER: 518-872-2638

COMMUNICATIONS: CTAF 122.9

CLEARANCE DELIVERY PHONE: For CD ctc Albany Apch at 518-862-2299.

GANSEVOORT**HEBER AIRPARK** (K30) 2 SE UTC-5(-4DT) N43°11.00' W73°37.99'

NEW YORK

230 NOTAM FILE BTV

RWY 06-24: H2200X24 (ASPH) MIRL(NSTD)**RWY 06:** Thld dsplcd 200'. Road. Rgt tfc.**RWY 24:** Tree.**SERVICE:** LGT ACTIVATE NSTD MIRL Rwy 06-24—CTAF.**AIRPORT REMARKS:** Unattended. Parachute Jumping. Birds and wildlife on and infov arpt. 25' dropoff 10' from Rwy 24 thld.

Rwy 24 uphill grade exceeds 2% up. Recommended ldg Rwy 24, tkf Rwy 06. Skydiving on and infov arpt May-Oct. Lgt colored full width conc pavement section 144' from Rwy 24 thld, 20' long. Golf course adjacent to rwy both sides.. Rwy 06-24 NSTD MIRL due to spacing, 33' from rwy edge on 3' wood posts. Rwy 06-24 NSTD dsplcd thld, no bar.

AIRPORT MANAGER: 518-793-8983**COMMUNICATIONS:** CTAF 122.9**CLEARANCE DELIVERY PHONE:** For CD ctc Albany Apch at 518-862-2299.**GANSE** N43°15.30' W73°36.31' NOTAM FILE GFL.

NEW YORK

NDB (LOMW) 209 GF 011° 5.2 NM to Floyd Bennett Meml. 228/14W.**GARNSEYS** (See SCHUYLERVILLE on page 244)**GASPORT****ROYALTON** (9G5) 1 SE UTC-5(-4DT) N43°10.92' W78°33.47'

DETROIT

628 NOTAM FILE BUF

RWY 07-25: H2530X35 (ASPH)**RWY 07:** Road.**RWY 25:** Thld dsplcd 300'. Tree.**SERVICE:** FUEL 100LL, MOGAS**AIRPORT REMARKS:** Attended 1400-2300Z. Ultralghts on and infov arpt. Deer on and infov arpt. No thld markings.**AIRPORT MANAGER:** 716-946-5265**COMMUNICATIONS:** CTAF/UNICOM 122.8**CLEARANCE DELIVERY PHONE:** For CD ctc Cleveland ARTCC at 440-774-0490.**GENESE CO** (See BATAVIA on page 190)**GENESE** (D52) 1 W UTC-5(-4DT) N42°47.92' W77°50.55'

DETROIT

560 NOTAM FILE BUF

RWY 05-23: 4695X90 (TURF)**RWY 05:** Trees.**RWY 23:** Crops. Rgt tfc.**AIRPORT REMARKS:** Attended Oct-Mar Wed-Sat 1500-2000Z; Apr-Sept Wed-Sun 1500-2000Z. Attendance requests for other than scheduled times call 585-243-2100. Two lgtd antennas left of Rwy 23 in the village of Geneso. Rwy 05-23 ends are not clearly marked. Rwy 05 end marked with white paint at edges and orange cones only during airshow. Rwy 23 end marked with white paint at edges only during airshow. Rwy 23 end marked with white paint at edges. Rwy 05 has +90' trees 155' from rwy beginning 110' right and continues across centerline at an angle. Rwy 05 has +29' powerline 38' from rwy, 125' right and continues across rwy centerline at an angle. Rwy 23 60-70 ft trees 370 ft from rwy 100 ft left of cntrln. Turf soft and wet for first 1800 ft from thld of Rwy 23 during Oct-May.**AIRPORT MANAGER:** 585-243-2100**COMMUNICATIONS:** CTAF 122.9**CLEARANCE DELIVERY PHONE:** For CD ctc Cleveland ARTCC at 440-774-0490.**GENESE** N42°50.06' W77°43.97' NOTAM FILE BUF.

DETROIT

(L) (L) VOR/DME 108.2 GEE Chan 19 324° 12.5 NM to Le Roy. 990/9W.

H-10H, 11C, 12I, L-31E, 32F

VOR portion unusable:

208°-224° byd 29 NM blo 5,000'

225°-230°

231°-245° byd 29 NM blo 5,000'

DME unusable:

115°-120° byd 29 NM blo 4,000'

140°-155° byd 30 NM blo 5,000'

RCO 122.1R 108.2T (BUFFALO RADIO)**GEORGETOWN** N42°47.34' W75°49.60' NOTAM FILE BUF.

NEW YORK

(L) TACAN 117.8 GGT Chan 125 085° 12.2 NM to Hamilton Muni. 2040/11W.

L-32F

GHENT

KLING KILL (NY1) 2 N UTC-5(-4DT) N42°21.01' W73°38.22'

NEW YORK

328 NOTAM FILE BTW

RWY 01-19: 4000X75 (TURF)

RWY 01: Trees.

RWY 19: P-line.

SERVICE: S2

AIRPORT REMARKS: Unattended. Rwy 19 has +16' road, 22' from rwy, at centerline. Unmarked turf area adjacent to rwy may be used for twy on north and south ends. Turf grades near south paved apron unsuitable for acft movement.

AIRPORT MANAGER: 518-527-2762

COMMUNICATIONS: CTAF 122.9

CLEARANCE DELIVERY PHONE: For CD ctc Albany Apmh at 518-862-2299.

GIERMEK EXEC (See OLEAN on page 234)

GLEN FALLS

FLOYD BENNETT MEML (GFL)(KGFL) 3 NE UTC-5(-4DT) N43°20.47' W73°36.62'

NEW YORK

328 B LRA Class IV, ARFF Index A NOTAM FILE GFL

H-11C, 12K, L-32G

RWY 01-19: H5000X150 (ASPH-GRVD) S-80, D-110, 2S-117, 2D-180 PCN 48 F/A/X/T HIRL

IAP, AD

RWY 01: MALSR. PAPI(P4L)—GA 3.0° TCH 53'.

RWY 19: PAPI(P4L)—GA 3.0° TCH 50'. Trees.

RWY 12-30: H3999X100 (ASPH) S-39, D-53, 2D-76

PCN 48 F/A/X/T MIRL

RWY 12: PAPI(P4L)—GA 3.85° TCH 55'. Trees.

RWY 30: PAPI(P4L)—GA 3.0° TCH 45'. Trees.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 01: TORA-5000 TODA-5000 ASDA-5000 LDA-5000

RWY 12: TORA-3999 TODA-3999 ASDA-3999 LDA-3999

RWY 19: TORA-5000 TODA-5000 ASDA-5000 LDA-5000

RWY 30: TORA-3999 TODA-3999 ASDA-3999 LDA-3999

SERVICE: S4 FUEL 100LL, JET A LGT ACTVT MALSR Rwy 01; PAPI

Rwy 01, 19, 12, 30; HIRL Rwy 01-19; MIRL Rwy 12-30; twy

lgtS—CTAF.

NOISE: Noise sensitive area 1.5 miles north. Use NBAA noise abatement procedures. Recommended no touch and go ops from 2200-1200Z†.

AIRPORT REMARKS: Attended 1300-2300Z†. Birds and deer on and in/ovf arpt. Ultralight activity on and in/ovf arpt. Self-svc 100LL fuel avbl.

Full svc fueling avbl after hrs by pre-arrangement, call 518-798-3091. PJE airspace defined as 5 NM radius of GFL. Grass cutting equipment ops adjacent to all opr sfcfs dalgt hours May thru Oct. During periods of snow removal ops Nov 1-Apr 1 acft must ctc arpt on frequency 123.0 10 minutes prior to ldg. Rwy conditions may not be monitored or reported when the arpt is unattended. Ultralight acft use 500' AGL left tfc for all rwys. Four obstruction lgt poles 1 1/2 mile to 1 3/4 mile N of Rwy 19. Rwy 01 designated as calm wind rwy. Rwy 12 and 19 approaches obscured from one another due to high ground. PPR 48 hrs for acft ops with more than 30 pax seats call AMGR 518-792-5995. For aft hrs acft maint assistance call 518-798-3091. Cold temperature airport. Altitude correction required at or below -19C.

AIRPORT MANAGER: 518-792-5995

WEATHER DATA SOURCES: ASOS 119.925 (518) 743-1728.

COMMUNICATIONS: CTAF/UNICOM 123.0

GLEN FALLS RCO 122.2 (BURLINGTON RADIO)

Ⓡ **ALBANY APP/DEP CON** 132.825

CLEARANCE DELIVERY PHONE: For CD ctc Albany Apmh at 518-862-2299.

AIRSPACE: CLASS E.

RADIO AIDS TO NAVIGATION: NOTAM FILE BTW.

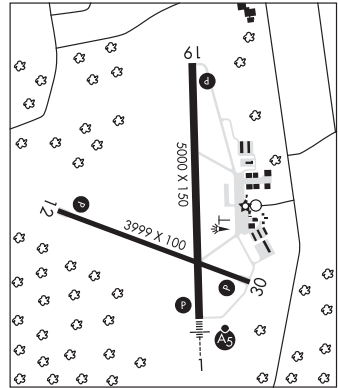
CAMBRIDGE (L) (L) VORW/DME 115.0 CAM Chan 97 N42°59.66' W73°20.64' 345° 23.9 NM to fld. 1490/14W.

DME portion unusable:

040°-130° blo 9,000'

GANSE NDB (LOMW) 209 GF N43°15.30' W73°36.31' 011° 5.2 NM to fld. 228/14W. NOTAM FILE GFL.

ILS 110.7 I-GFL Rwy 01. Class IT. LOM GANSE NDB.



GORHAM

MIDLAKES (92G) 3 W UTC-5(-4DT) N42°48.85' W77°12.18' **DETROIT**
 1080 NOTAM FILE BUF
RWY 14-32: 1820X55 (TURF) 1.1% up SE
RWY 14: Trees.
RWY 32: Road.
AIRPORT REMARKS: Attended irregularly. Rwy 14-32 soft and wet during Mar-Jun. Rwy 32 +80' trees 735' from thld +80' left and right of centerline. Rwy 14-32 marked with orange cones.
AIRPORT MANAGER: 585-764-1802
COMMUNICATIONS: CTAF/UNICOM 122.8
CLEARANCE DELIVERY PHONE: For CD ctc Cleveland ARTCC at 440-774-0490.

GOWANDA (D59) 3 N UTC-5(-4DT) N42°30.24' W78°57.04' **DETROIT**
 830 NOTAM FILE BUF
RWY 09-27: 3430X100 (TURF)
RWY 09: Tree. Rgt tfc.
RWY 27: Thld dsplcd 1132'. Rgt tfc.
SERVICE: FUEL 100
AIRPORT REMARKS: Unattended. Rwy 09-27 soft and wet Mar-Jun. Truck tfc near Rwy 27. Rwy 09-27 dirt road crosses rwy at approximately midpoint of rwy. Rwy 27, 88' high conveyor belt/crane and dirt pile, 200' from AER, 81' left. Dthr unmarked.
AIRPORT MANAGER: 716-532-3371
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Cleveland ARTCC at 440-774-0490.

GREAT VALLEY (N56) 1 SE UTC-5(-4DT) N42°12.30' W78°38.84' **DETROIT**
 1450 NOTAM FILE BUF
RWY 06-24: 3800X90 (TURF) LIRL(NSTD)
RWY 06: Tree. Rgt tfc.
RWY 24: Tree. Rgt tfc.
SERVICE: LGT ACTIVATE LIRL Rwy 06-24—CTAF. Rwy 06-24 LIRL NSTD, only 3,200' lgtd.
AIRPORT REMARKS: Attended dalgt hrs. Arpt dalgt ops only. For rwy conds Nov thru Apr call amgr. Rwy 06-24 200' ovrn S end, 400' N end.
AIRPORT MANAGER: 716-490-1134
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Cleveland ARTCC at 440-774-0227.

GREATER BINGHAMTON/EDWIN A LINK FLD (See BINGHAMTON on page 191)

GREEN ACRES (See LIVINGSTON on page 217)

GREENE (4N7) 2 SW UTC-5(-4DT) N42°18.25' W75°47.23' **NEW YORK**
 935 NOTAM FILE BUF
RWY 07-25: 2665X200 (TURF) RWY LGTS(NSTD)
RWY 07: Tree.
RWY 25: Tree.
SERVICE: LGT ACTIVATE LIRL Rwy 07-25 4 clicks—CTAF. Rwy 07-25 NSTD low intensity lgts; non-std edge and end lgts.
AIRPORT REMARKS: Attended dalgt hrs. Rwy 25 has numerous +30'-90' trees, both sides at thld. Rwy numbers etched into turf sfc both ends. Deer and geese on and in/ov arpt. During winter check FSS for NOTAMS.
AIRPORT MANAGER: (607) 358-5801
COMMUNICATIONS: CTAF/UNICOM 122.8
CLEARANCE DELIVERY PHONE: For CD ctc New York ARTCC at 631-468-1425.

GREENVILLE–RAINBOW (1H4) 1 E UTC–5(–4DT) N42°25.18' W74°00.41'

NEW YORK

840 NOTAM FILE BTV

RWY 01–19: 1801X75 (TURF)

RWY 01: Trees.

RWY 19: Thld dsplcd 112'. Trees.

AIRPORT REMARKS: Attended May–Nov. dalgt hrs. Arpt CLOSED Dec 1–Apr 1. Rwy 01–19 may be clsd after rains due to wetness. Rwy 01–19 soft and wet during Mar–Jun. +30' p-line parallel to and 150' west of rwy centerline. Rwy 19 edges and thld marked by white markers (1' square). Rwy 01 edges and dsplcd thld marked by white markers (1' square), end of usable rwy not marked and is 112' north of white thld markers.

AIRPORT MANAGER: 518-966-5343

COMMUNICATIONS: CTAF/UNICOM 122.8

CLEARANCE DELIVERY PHONE: For CD ctc Albany Apch at 518-862-2299.

GRIFFISS INTL (See ROME on page 241)

HAMBURG (4G2) 4 W UTC–5(–4DT) N42°42.05' W78°54.89'

DETROIT

751 NOTAM FILE BUF

RWY 01–19: H2465X30 (ASPH) LIRL(NSTD)

RWY 01: Thld dsplcd 462'. Trees.

RWY 19: Thld dsplcd 456'. Pole.

SERVICE: S2 FUEL 100LL, MOGAS LGT ACTIVATE LIRL Rwy 01–19—CTAF.

AIRPORT REMARKS: Unattended. Ultralgt acct on and invof arpt. Tie down area avbl east of Rwy 19 end. Rwy 01–19 NSTD LIRL due to placement.

AIRPORT MANAGER: 716-472-6218

COMMUNICATIONS: CTAF/UNICOM 122.8

CLEARANCE DELIVERY PHONE: For CD ctc Cleveland ARTCC at 440-774-0490.

HAMILTON MUNI (VGC)(KVGC) 1 NW UTC–5(–4DT) N42°50.61' W75°33.67'

NEW YORK

1137 NOTAM FILE BUF

H–101, 11C, 12J, L–32F

RWY 17–35: H5314X75 (ASPH–GRVD) S–20, D–60 MIRL

RWY 17: REIL. PAPI(P2L)—GA 3.0° TCH 40'. Thld dsplcd 300'. Trees.

RWY 35: REIL. PAPI(P2L)—GA 4.0° TCH 40'. Trees.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 17: TORA–5314 TODA–5314 ASDA–5314 LDA–5014

RWY 35: TORA–5314 TODA–5314 ASDA–5014 LDA–5014

SERVICE: S4 FUEL 100LL, JET A, A+ LGT Actvt MIRL Rwy 17–35; REIL Rwy 17 and 35–122.7. Rwy 35 REILs temporarily OTS.

NOISE: Noise abatement procedures in effect; all acct departures maintain rwy heading until 2100' MSL before making turn out.

AIRPORT REMARKS: Attended 1400–2200Z†. Migratory birds on and invof arpt spring and fall. Deer on and invof Rwy 17–35. Ultralghts on and invof arpt. Gldr ops invof of arpt. After hrs fuel avbl by appointment for a fee ctc arpt mgr. Maintenance shop airframe/powerplant and inspection authorization avbl Mon–Fri 1400–2200Z†. Rwy 17–35 south end has 572' safety area. Windmills 3 miles N of arpt. Taxi svc and car rental avbl.

AIRPORT MANAGER: 315-834-1111

WEATHER DATA SOURCES: AWOS–3P 119.425 (315) 824–1825.

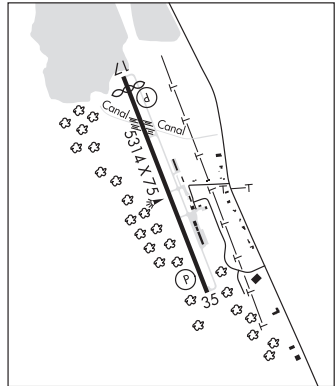
COMMUNICATIONS: CTAF/UNICOM 123.0

® SYRACUSE APP/DEP CON 126.125

CLEARANCE DELIVERY PHONE: For CD ctc Syracuse Apch at 315-455-6218.

RADIO AIDS TO NAVIGATION: NOTAM FILE BUF.

GEORGETOWN (L) TACAN Chan 125 GGT (117.8) N42°47.34' W75°49.60' 085° 12.2 NM to fld. 2040/11W.



HAMPTON N40°55.14' W72°19.00' NOTAM FILE HTO.

NEW YORK

(H) (H) **VORTACW** 113.6 HTO Chan 83 22/13W.

COPTER

H-101, 12J, L-33C, 34I

DME unusable:

280°-325° byd 35 NM blo 1,700'

326°-355° byd 30 NM blo 2,000'

TACAN AZIMUTH unusable:

280°-325° byd 35 NM blo 1,700'

326°-355° byd 30 NM blo 2,000'

VOR unusable:

010°-240°

270°-332°

RCO 122.6 (NEW YORK RADIO)

HANCOCK N42°03.78' W75°18.98' NOTAM FILE BUF.

NEW YORK

(H) (H) **VORW/DME** 116.8 HNK Chan 115 2070/11W.

H-101, 11C, 12J, L-30K, 33A

HARRIS (See FORT ANN on page 204)**HAVERSTRAW HELIPORT** (H43) 1 E UTC-5(-4DT) N41°12.66' W73°58.16'

NEW YORK

12 NOTAM FILE ISP

HELIPAD H1: H50X50 (ASPH) RWY LGTS(NSTD)**HELIPAD H1:** Bldg.**SERVICE:** FUEL JET A LGT For flood lgts call 914-429-1200.**NOISE:** Noiae abatement; avoid residential area west of heliport.**HELIPORT REMARKS:** Attended 1200-0000Z†. For svc after hrs call 212-883-0999. Helipad H1 350' twrs 800' north of helipad. Helicopters descend to point on turf area west of pavement and taxi to paved location. Helipad H1 flood lgts**AIRPORT MANAGER:** 845-429-1200**COMMUNICATIONS:** CTAF/UNICOM 123.05**CLEARANCE DELIVERY PHONE:** For CD ctc New York Apch at 516-683-2849.**HEBER AIRPARK** (See GANSEVOORT on page 206)**HOLLANDS INTL FLD** (See NEWFANE on page 230)**HORNELL MUNI** (HTF)(KHTF) 3 N UTC-5(-4DT) N42°22.93' W77°40.93'

DETROIT

1219 B TPA—See Remarks NOTAM FILE BUF

H-10H, 11C, 12J, L-30I, 31E, 32F

RWY 18-36: H5000X75 (ASPH-GRVD) MIRL 0.5% up N

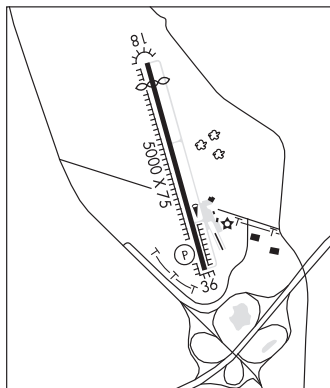
IAP

RWY 18: REIL. Thld dsplcd 500'. Hill.**RWY 36:** REIL. PAPI(P4L)—GA 3.0° TCH 50'. Trees.**SERVICE:** FUEL 100LL, JET A LGT ACTIVATE REIL Rwy 18-36 and MIRL Rwy 18-36—CTAF. REIL Rwy 18 OTS indef.**AIRPORT REMARKS:** Attended 1300-2100Z†. Frequent helicopter medivac ops, monitor CTAF. Rwy 36 PAPI unusable byd 5 degs right and left of centerline. TPA—2219(1000) daylight, 2419(1200) night. Cold temperature airport. Altitude correction required at or below -19C.**AIRPORT MANAGER:** 607-968-9624**WEATHER DATA SOURCES:** AWOS-3 118.475 (607) 324-9138.**COMMUNICATIONS:** CTAF/UNICOM 122.7**CLEVELAND CENTER APP/DEP CON** 124.325 or ctc Cleveland ARTCC at 440-774-0227.**CLEARANCE DELIVERY PHONE:** For CD ctc Cleveland ARTCC at 440-774-0227.**RADIO AIDS TO NAVIGATION:** NOTAM FILE ELZ.**WELLSVILLE (L)** DME 115.85 ELZ Chan 105(Y) N42°05.38'

W77°59.97' 039° 22.5 NM to fld. 2298.

DME unusable:

170°-195° byd 25 NM



HUDSON

COLUMBIA CO (1B1) 4 NE UTC-5(-4DT) N42°17.48' W73°42.62'

NEW YORK

198 B LRA NOTAM FILE BTW

H-101, 11C, 12K, L-33B, 34I

RWY 03-21: H5350X100 (ASPH-GRVD) S-69, D-111, 2D-358

IAP

PCN 29 F/C/X/T MIRL

RWY 03: REIL. PAPI(P4L)—GA 3.0° TCH 40'. Tree.

RWY 21: REIL. PAPI(P4R)—GA 3.52° TCH 41'. Thld dspcd 160'. Tree.

SERVICE: S3 FUEL 100, 100LL, JET A1+ OX 1, 3 LGT ACTIVATE
REIL Rwy 03 and Rwy 21; MIRL Rwy 03-21—CTAF.

AIRPORT REMARKS: Attended 1200-2300Z±. Wildlife on and invof apt.
100LL self-svc avbl 24 hrs. Rwy 21 dsgnd calm wind rwy.

AIRPORT MANAGER: 518-828-0871

WEATHER DATA SOURCES: AWOS-3 133.525 (518) 828-2577.

COMMUNICATIONS: CTAF/UNICOM 123.05

Ⓡ **ALBANY APP/DEP CON** 132.825

CLEARANCE DELIVERY PHONE: For CD ctc Albany Apch at 518-862-2299.

RADIO AIDS TO NAVIGATION: NOTAM FILE ALB.

ALBANY (L) VORTACW 115.3 ALB Chan 100 N42°44.84'
W73°48.19' 184° 27.7 NM to fld. 273/13W.

VOR unusable:

- 045°-065° byd 11 NM
- 066°-069° byd 11 NM blo 10,000'
- 078°-088° byd 20 NM blo 10,000'
- 109°-121°
- 121°-131° byd 30 NM
- 121°-131° wi 30 NM blo 9,900'
- 131°-168°
- 184°-189°
- 226°-269° byd 29 NM blo 15,000'
- 312°-315°
- 333°-343°

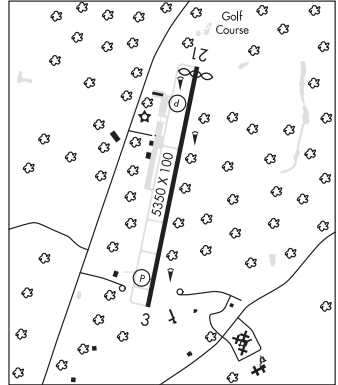
TACAN AZIMUTH unusable:

- 032°-042° byd 15 NM
- 164°-168°
- 303°-308° byd 37 NM
- 308°-333°

DME unusable:

- 303°-308° byd 37 NM

PHILMONT NDB (MHW) 272 PFH N42°15.19' W73°43.40' 027° 2.4 NM to fld. 340/13W. NOTAM FILE BTW.



HUDSON VALLEY RGNL (See POUGHKEEPSIE on page 239)

HUGUENOT N41°24.58' W74°35.50' NOTAM FILE ISP.

NEW YORK

(H) (H) VOR/DME 116.1 HUO Chan 108 093° 9.1 NM to Randall. 1300/11W.

H-101, 12J, L-33A, 34H

VOR unusable:

- 029°-045° byd 15 NM blo 5,000'
- 050°-060° byd 10 NM
- 210°-230° byd 20 NM blo 6,500'

RCO 122.1R 116.1T (NEW YORK RADIO)

HUNTER N42°51.25' W73°56.01' NOTAM FILE SCH.

NEW YORK

NDB (MHW) 356 HEU at Schenectady Co. 332/14W.

L-32G

ITHACA TOMPKINS INTL (ITH)(KITH) 3 NE UTC-5(-4DT) N42°29.48' W76°27.52'

NEW YORK

1099 B ARFF Index—See Remarks NOTAM FILE ITH

H-10H, 11C, 12J, L-30J, 32F

RWY 14-32: H6977X150 (ASPH-GRVD) S-100, D-192, 2S-114, 2D-574, 2D/2D2-1044 PCN 58 F/C/W/T HIRL 0.3% up SE

RWY 14: PAPI(P4L)—GA 3.0° TCH 50'. RVR-R

RWY 32: MALSR, PAPI(P4L)—GA 3.2° TCH 53'. RVR-T Trees.

RWY 15-33: 2018X50 (TURF) 0.3% up SE

RWY 15: Road.

RWY 33: Antenna.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 14: TORA-6977 TODA-6977 ASDA-6602 LDA-6602

RWY 32: TORA-6977 TODA-6977 ASDA-6602 LDA-6602

SERVICE: S4 FUEL 100LL, JET A LGT When ATCT clsd ACTVT MALSR Rwy 32; HIRL Rwy 14-32; twy lgts—CTAF. PAPI Rwy 14 and 32 opr consly.

AIRPORT REMARKS: Attended 1000-0500Z†. Deer and flocks of birds on and in/ovf arpt. Rwy 15-33 CLOSED ngts, winter months, and after heavy rain. Class I, ARFF Index C. PPR 24 hrs for unsked acft ops. Call AMGR 607-257-6666. ARFF avbl 0930-0500Z† and/or 15 min prior to or 15 min aft sked acr ops. Rwy 15-33 thlds marked with white lime bar, edges marked with reflectors. FBO avbl 1100-0000Z†; FBO svcs ctc 131.6; aft hrs call 607-279-0392 or 800-876-1551. Cold temperature airport. Altitude correction required at or below -19C. Ldg fee for tran acft. User fee arpt.

AIRPORT MANAGER: 607-257-0456

WEATHER DATA SOURCES: AWOS-3PT 125.175 (607) 257-2390.

COMMUNICATIONS: CTAF 119.6 ATIS 125.175 UNICOM 122.95

Ⓡ ELMIRA APP/DEP CON 124.3 (1100-0500Z†)

Ⓡ NEW YORK CENTER APP/DEP CON 133.35 (0500-1100Z†)

TOWER 119.6 (1030-0200Z†) GND CON 121.8 CLNC DEL 121.8

CLEARANCE DELIVERY PHONE: For CD if una to ctc on FSS freq, ctc New York ARTCC.

CLEARANCE DELIVERY PHONE: For CD when twr and elm Apch clsd ctc New York ARTCC.

AIRSPACE: CLASS D svc 1030-0200Z†; other times CLASS E.

RADIO AIDS TO NAVIGATION: NOTAM FILE ITH.

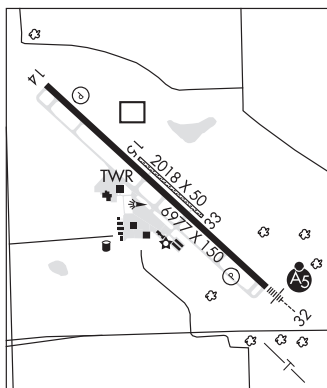
(L) DME 111.8 ITH Chan 55 N42°29.70' W76°27.58' at fld. 1112.

DME unusable:

360°-160° byd 20 NM blo 6,500'

ILS 108.7 I-ITH Rwy 32. Class IA. Unmonitored when ATCT closed. Glideslope unusable byd 9 NM.

COMM/NAV/WEATHER REMARKS: UNICOM unmon. For Cinc Del when ATCT clsd ctc Elmira Apch on 124.3.



JAMESTOWN

CHAUTAUQUA CO/JAMESTOWN (JHW)(KJHW) 3 N UTC-5(-4DT) N42°09.20' W79°15.48'

1723 B ARFF Index—See Remarks NOTAM FILE JHW MON Airport

RWY 07-25: H5300X100 (ASPH-GRVD) S-57, D-95, 2D-125

PCR 250 F/B/W/T HIRL

RWY 07: VASI(V4L)—GA 3.0° TCH 52'.

RWY 25: MALSR.

RWY 13-31: H4499X100 (ASPH) S-31, D-56 PCR 148 F/C/W/T

MIRL 0.4% up NW

RWY 13: PAPI(P4L)—GA 3.0° TCH 45'. Tree.

RWY 31: REIL. PAPI(P4L)—GA 3.0° TCH 51'. Bldg.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 07: TORA-5300 TODA-5300 ASDA-5300 LDA-5300

RWY 13: TORA-4499 TODA-4499 ASDA-4499 LDA-4499

RWY 25: TORA-5300 TODA-5300 ASDA-5300 LDA-5300

RWY 31: TORA-4499 TODA-4499 ASDA-4499 LDA-4499

SERVICE: S4 FUEL 100LL, JET A OX 1, 2 LGT ACTVT MALSR Rwy 25; REIL Rwy 31; PAPI Rwy 13 and Rwy 31; VASI Rwy 07; HIRL Rwy 07-25; MIRL Rwy 13-31 and twy lgts—CTAF.

AIRPORT REMARKS: Attended Mon-Fri 1100-1930Z†. Deer and birds on and in/ovf arpt. Attendance hrs and svcs avbl are subject to change, call arpt manager at 716-484-0204 to confirm. ARFF Index B cpbl. Rwy/twy conditions not monitored outside normal attendance hrs.

Snow removal ops avbl during normal attendance hours; snow removal may be limited on holidays and weekends. 24 hr PPR for air carrier ops with more than 9 PAX seats. Ctc arpt manager at 716-484-0204. For emergencies after hrs, call 911 for mutual aid svc. Ldg fee multi-engine acft only.

AIRPORT MANAGER: 716-484-0204

WEATHER DATA SOURCES: AWOS-3PT 118.425 (716) 664-6005.

COMMUNICATIONS: CTAF/UNICOM 122.975

RCO 122.1R 114.7T (BUFFALO RADIO)

® BUFFALO APP/DEP CON 126.05 (1100-0500Z‡)

® CLEVELAND CENTER APP/DEP CON 127.075 (0500-1100Z‡)

CLEARANCE DELIVERY PHONE: For CD ctc Buffalo Apch at 716-626-6920, when Apch clsd ctc Cleveland ARTCC at 440-774-0232.

AIRSPACE: CLASS E svc 1100-0300Z‡ Sun-Fri, 1200-2300Z‡ Sat; other times CLASS G.

RADIO AIDS TO NAVIGATION: NOTAM FILE JHW.

JAMESTOWN (VH) (H) VOR/DME 114.7 JHW Chan 94 N42°11.32' W79°07.28' 258° 6.5 NM to fld. 1786/7W.

VOR unusable:

045°-055° byd 40 NM

095°-110° byd 40 NM

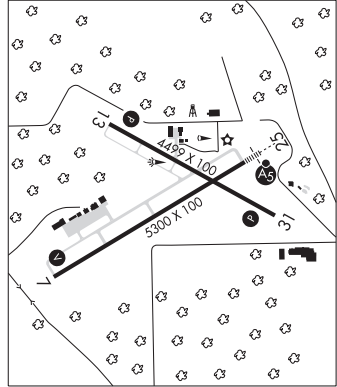
150°-160° byd 40 NM

170°-225° byd 40 NM

295°-305° byd 40 NM

315°-325° byd 40 NM

ILS/DME 109.7 I-JHW Chan 34 Rwy 25. Class IE. Glideslope unusable blw 2,100'.



DETROIT
H-10H, L-30H
IAP, AD

JOHN F KENNEDY INTL (See NEW YORK on page 225)

JOHNSTOWN

FULTON CO (NYØ) 2 E UTC-5(-4DT) N42°59.89' W74°19.77'

881 B NOTAM FILE BTW

RWY 10-28: H4000X75 (ASPH) MIRL 0.4% up E

RWY 10: REIL. PAPI(P2L)—GA 3.0° TCH 40'.

RWY 28: REIL. PAPI(P2L)—GA 3.0° TCH 40'. Trees.

SERVICE: S2 **FUEL** 100LL **LGT** ACTIVATE REIL Rwy 10 & Rwy 28, MIRL Rwy 10-28, twy lghts—CTAF. PAPI Rwy 10 and Rwy 28 opr continuously.

AIRPORT REMARKS: Attended Mon-Fri 1300-2200Z±. Parachute Jumping. Landing fee.

AIRPORT MANAGER: 518-882-6392

WEATHER DATA SOURCES: AWOS-3 119.225 (518) 762-0322.

COMMUNICATIONS: CTAF/UNICOM 122.7

Ⓡ **ALBANY APP/DEP CON** 118.05

CLEARANCE DELIVERY PHONE: For CD ctc Albany Apch at 518-862-2299.

RADIO AIDS TO NAVIGATION: NOTAM FILE ALB.

ALBANY (L) (L) VORTACW 115.3 ALB Chan 100 N42°44.84'

W73°48.19' 316° 27.7 NM to fld. 273/13W.

VOR unusable:

045°-065° byd 11 NM

066°-069° byd 11 NM blo 10,000'

078°-088° byd 20 NM blo 10,000'

109°-121°

121°-131° byd 30 NM

121°-131° wi 30 NM blo 9,900'

131°-168°

184°-189°

226°-269° byd 29 NM blo 15,000'

312°-315°

333°-343°

TACAN AZIMUTH unusable:

032°-042° byd 15 NM

164°-168°

303°-308° byd 37 NM

308°-333°

DME unusable:

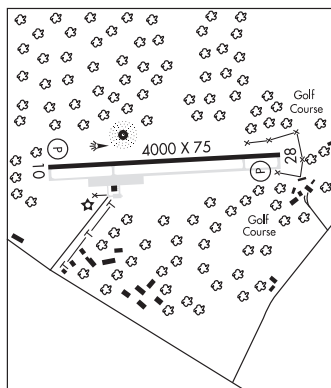
303°-308° byd 37 NM

JOHNSTOWN NDB (MHW) 523 JJH N42°59.97' W74°19.89' at fld. 867/14W. NOTAM FILE BTW.

NEW YORK

L-32G

IAP



JOSEPH Y RESNICK (See ELLENVILLE on page 200)

KATHI N43°06.54' W78°50.30' NOTAM FILE IAG.

NDB (LOM) 329 IA 279° 4.7 NM to Niagara Falls Intl.

DETROIT

KEENE

MARCY FLD (111) 2 S UTC-5(-4DT) N44°13.25' W73°47.28'

985 NOTAM FILE BTW

RWY 02-20: 2390X95 (TURF)

RWY 02: Road.

RWY 20: Trees.

AIRPORT REMARKS: Unattended. Closes late Oct reopens mid May. May through Oct dates by NOTAM. Bird activity nr movement areas Rwy 02-20 midfield. Rwy 02-20 soft durg rain.

AIRPORT MANAGER: 518-576-4444

COMMUNICATIONS: CTAF/UNICOM 122.9

CLEARANCE DELIVERY PHONE: For CD ctc Burlington Apch at 802-657-4413, when Apch clsd ctc Boston ARTCC at 603-879-6859.

MONTREAL

KENNEDY N40°37.97' W73°46.28' NOTAM FILE JFK.

(H) (H) **VOR/DME** 115.9 JFK Chan 106 at John F Kennedy Intl. 10/12W.

VOR unusable:

340°-345° byd 20 NM blo 4,000'

340°-345° byd 30 NM

RCO 122.1R 115.9T (NEW YORK RADIO)

NEW YORK

COPTER

H-101, 12J, L-338, 34H

KINGSTON-ULSTER (2ØN) 4 N UTC-5(-4DT) N41°59.12' W73°57.86'
147 NOTAM FILE ISP

NEW YORK
L-33B, 34I
IAP

RWY 15-33: H3100X60 (ASPH) S-12.5 MIRL 0.4% up NW
RWY 15: PAPI(P2L)—GA 4.5° TCH 50'. Thld displcd 235'. Tree.
RWY 33: REIL. PAPI(P2L)—GA 3.6° TCH 53'. Thld displcd 309'. Bldg.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 15: TORA-3100 TODA-3100 ASDA-3010 LDA-2775
RWY 33: TORA-3100 TODA-3100 ASDA-2939 LDA-2630

SERVICE: S4 **FUEL** 100LL, JET A **LGT** Actvt PAPI Rwy 15 and 33—123.3. MIRL Rwy 15-33; REIL Rwy 33 and twy lgts operate 123.3 dusk-dawn. Rwy 15 PAPI unusable 5° left of course and 8° right of course.

NOISE: Voluntary NS ABTMT procedures in effect. Avoid overflight of housing development adjacent to north end of rwy.

AIRPORT REMARKS: Attended 1400-2200Z. Unattended Thanksgiving and Christmas. PAEW adjacent twy/rwy. No runups at Rwy 15 thld. No line of sight between Rwy 33 hold line and actf in final 0.25 mile of apch to Rwy 33.

AIRPORT MANAGER: 845-481-1559

COMMUNICATIONS: CTAF/UNICOM 122.8

Ⓡ **NEW YORK APP/DEP CON** 132.75

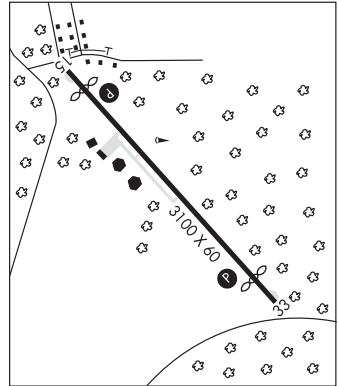
CLEARANCE DELIVERY PHONE: For CD ctc New York Apch at 516-683-2448

RADIO AIDS TO NAVIGATION: NOTAM FILE ISP.

(VL) (L) **VOR/DME** 117.6 IGN Chan 123 N41°39.93' W73°49.33' 354° 20.2 NM to fld. 581/12W.

VOR unusable:

- 008°-018° byd 40 NM blo 4,000'
- 008°-018° byd 70 NM
- 020°-123° byd 40 NM
- 045°-050° byd 35 NM blo 4,300'
- 070°-140° byd 30 NM blo 3,400'
- 130°-148° byd 40 NM
- 243°-253° byd 40 NM
- 275°-310° byd 40 NM
- 311°-321° byd 40 NM blo 6,000'
- 311°-321° byd 64 NM
- 322°-001° byd 40 NM



KINGSTON N41°39.93' W73°49.33' NOTAM FILE ISP.

NEW YORK
H-10I, 12I, L-33B, 34H

(VL) (L) **VOR/DME** 117.6 IGN Chan 123 242° 3.6 NM to Hudson Valley Rgnl. 581/12W.

VOR unusable:

- 008°-018° byd 40 NM blo 4,000'
- 008°-018° byd 70 NM
- 020°-123° byd 40 NM
- 045°-050° byd 35 NM blo 4,300'
- 070°-140° byd 30 NM blo 3,400'
- 130°-148° byd 40 NM
- 243°-253° byd 40 NM
- 275°-310° byd 40 NM
- 311°-321° byd 40 NM blo 6,000'
- 311°-321° byd 64 NM
- 322°-001° byd 40 NM

RCD 122.1R 117.6T (NEW YORK RADIO)

KLINE KILL (See GHENT on page 207)

KLUMP N43°00.02' W78°39.05' NOTAM FILE BUF.

DETROIT

NDB (LOMW) 231 BU 233° 5.0 NM to Buffalo Niagara Intl. 630/9W.

KOBELT (See WALKKILL on page 251)

LA GUARDIA N40°47.02' W73°52.12' NOTAM FILE LGA.

NEW YORK
H-10I, 12I, L-33B, 34H

(L) (L) **VOR/DME** 113.1 LGA Chan 78 at LaGuardia. 9/12W.

VOR unusable:

245°-280° blo 6,000'

DME unusable:

245°-280° byd 25 NM blo 6,000'

LAGUARDIA (See NEW YORK on page 227)

LAKE PLACID (LKP)(KLP) 1 SE UTC-5(-4DT) N44°15.87' W73°57.71'

MONTREAL

1747 NOTAM FILE BTV

L-32G

RWY 14-32: H4196X60 (ASPH) S-8 PCN 24 F/B/X/T MIRL

RWY 14: PAPI(P2L)—GA 3.5° TCH 51'. Trees.

RWY 32: Thld dsplcd 1140'. Trees.

IAP, AD

SERVICE: S4 **FUEL** 100LL, **JET A** **LGT** ACTIVATE PAPI Rwy 14, MIRL Rwy 14-32 and twy lgts—CTAF.

AIRPORT REMARKS: Attended May-Sep 1300-2100Z±, Oct-Apr 1300-2100Z±. Extensive glider activity. Mountains on both apchs 1-5 miles from rwy ends. 24 hrs advanced notice required for all Jet A svcs after posted business hrs. Cold temperature airport. Altitude correction required at or below -32C. Rwy 14 PAPI unusable byd 3 NM.

AIRPORT MANAGER: 518-523-2473

COMMUNICATIONS: CTAF/UNICOM 122.8

Ⓡ **BOSTON CENTER APP/DEP CON** 120.35

CLEARANCE DELIVERY PHONE: For CD ctc Boston ARTCC at 603-879-6859.

RADIO AIDS TO NAVIGATION: NOTAM FILE BTV.

BURLINGTON (VL) (L) VOR/DME 117.5 BTV Chan 122

N44°23.83' W73°10.96' 272° 34.5 NM to fld. 417/15W.

VOR unusable:

030°-086° byd 40 NM

075°-132° byd 30 NM blo 9,000'

087°-097° byd 40 NM blo 9,000'

087°-097° byd 49 NM

098°-169° byd 40 NM

133°-165° byd 30 NM blo 8,000'

170°-180° byd 40 NM blo 5,800'

170°-180° byd 47 NM

181°-196° byd 40 NM

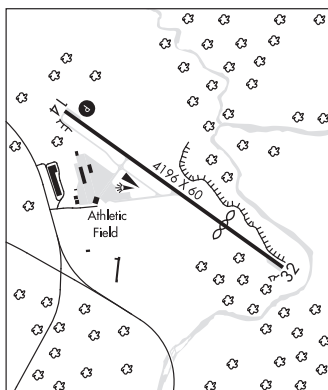
244°-292° byd 40 NM

340°-010° byd 40 NM

DME unusable:

075°-132° byd 30 NM blo 9,000'

133°-165° byd 30 NM blo 8,000'



LANCASTER

BUFFALO-LANCASTER RGNL (BQR)(KBQR) 3 NE UTC-5(-4DT) N42°55.32' W78°36.72'

DETROIT

752 B TPA-1552(800) NOTAM FILE BUF

L-31E

RWY 09-27: H3199X75 (ASPH) MIRL

IAP

RWY 09: REIL. PAPI(P2R)—GA 3.0° TCH 40'. Fence.

RWY 27: REIL. PAPI(P2L)—GA 3.0° TCH 40'. Fence.

SERVICE: S6 **FUEL** 100LL **LGT** ACTVT REILS Rwy 09 and Rwy 27; PAPIS Rwy 09 and Rwy 27; MIRLS Rwy 09-27—CTAF. Rwy 09 PAPI unusbl byd 3 deg right of RCL. Rwy 27 PAPI unusbl byd 5 deg left of RCL.

AIRPORT REMARKS: For attendance call 716-860-6044. +28 ft railroad 215 ft S of rwy cntrln parallel to Rwy 09-27.

AIRPORT MANAGER: 716-860-6044

COMMUNICATIONS: CTAF/AUNICOM 123.05

Ⓡ **BUFFALO APP/DEP CON** 126.15

CLEARANCE DELIVERY PHONE: For CD ctc Cleveland ARTCC at 440-774-0490.

RADIO AIDS TO NAVIGATION: NOTAM FILE BUF.

(H) **DME** 116.4 BUF Chan 111 N42°55.74'

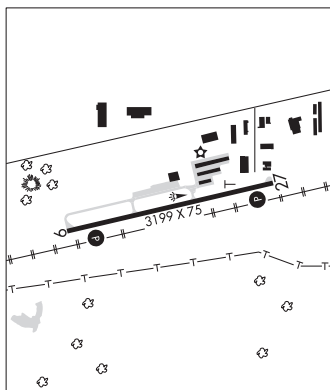
W78°38.78' 105° 1.6 NM to fld. 730.

DME unusable:

051°-085° byd 25 NM blo 4,500'

301°-050° byd 25 NM blo 3,500'

COMM/NAV/WEATHER REMARKS: Automated UNICOM. ADZY also avbl by calling 617-262-3825.



LE ROY (5GØ) 2 E UTC-5(-4DT) N42°58.88' W77°56.11'

DETROIT

780 B NOTAM FILE BUF

L-31E, 32F

RWY 10-28: H3854X60 (ASPH) S-12.5 MIRL

IAP

RWY 10: REIL. PAPI(P2L)—GA 3.0° TCH 31'. Tree.

RWY 28: REIL. PAPI(P2L)—GA 3.5° TCH 53'. Tree.

SERVICE: S2 FUEL 100LL LGT SS-SR, ACTVT REIL Rwy 10 and 28; PAPI Rwy 10 and 28; MIRL Rwy 10-28—CTAF.

AIRPORT REMARKS: Attended Mon-Fri 1500-2100Z†, except state and federal legal holidays. Deer on and invof arpt. Rwy 28 +12' fence, 280' from rwy.

AIRPORT MANAGER: 585-259-9308

COMMUNICATIONS: CTAF/UNICOM 122.8

③ ROCHESTER APP/DEP CON 123.7

CLEARANCE DELIVERY PHONE: For CD ctc Cleveland ARTCC at 440-774-0490.

RADIO AIDS TO NAVIGATION: NOTAM FILE BUF.

GENESEO (L) (L) VOR/DME 108.2 GEE Chan 19 N42°50.06' W77°43.97' 324° 12.5 NM to fld. 990/9W.

VOR portion unusable:

208°-224° byd 29 NM blo 5,000'

225°-230°

231°-245° byd 29 NM blo 5,000'

DME unusable:

115°-120° byd 29 NM blo 4,000'

140°-155° byd 30 NM blo 5,000'

LEDGEDALE AIRPARK (See BROCKPORT on page 192)**LIVINGSTON****GREEN ACRES** (1A1) 2 NE UTC-5(-4DT) N42°08.97' W73°45.03'

NEW YORK

297 NOTAM FILE BTV

RWY 03-21: 2275X75 (TURF)

RWY 03: Trees.

RWY 21: Tree.

SERVICE: S2

AIRPORT REMARKS: Attended dalgt hours. Rwy 03 has + 15' road across beginning of rwy. Rwy 21 first 400' of rwy downslopes 20' to low point of rwy.

AIRPORT MANAGER: 518-851-7460

COMMUNICATIONS: CTAF 122.9

CLEARANCE DELIVERY PHONE: For CD ctc Albany Apch at 518-862-2299.

LOKKS N40°43.74' W73°11.41' NOTAM FILE ISP.

NEW YORK

NDB (LOMW) 366 IS 059° 5.7 NM to Long Island Mac Arthur. 12/14W.

LONG ISLAND MAC ARTHUR (See NEW YORK on page 228)**LONG LAKE****LONG LAKE /HELMS SPB** (NY9) 0 N UTC-5(-4DT) N43°58.50' W74°25.23'

NEW YORK

1629 NOTAM FILE BUF

WATERWAY NE-SW: 15000X1500 (WATER)

SERVICE: S2 FUEL 100LL

SEAPLANE REMARKS: Attended Jun-Aug 1300Z†-dusk. Bridge acrs lake (Rt 30) 500' W of base. Do not taxi under bridge at high water levels, possible at low water level, stay to west (high) side of bridge. Water levels may vary +/- 10'. P-line at base and building across from base, +50' plines along road and bridge (Route 30). One rwy north of bridge and the other rwy south of bridge.

AIRPORT MANAGER: 518-624-3931

COMMUNICATIONS: CTAF/UNICOM 122.8

CLEARANCE DELIVERY PHONE: For CD ctc Boston ARTCC at 603-879-6859.

LONG LAKE SAGAMORE SPB & MARINA SPB (KØ3) 1 N UTC-5(-4DT) N43°58.14' W74°25.73' **NEW YORK**

1629 NOTAM FILE BUF

WATERWAY ALL-WAY: 15000X2000 (WATER)

SEAPLANE REMARKS: Attended April–Nov dawn–dusk. Major rwy orientation is NE–SW. Do not taxi under bridge at high water levels, possible at low water levels. Stay to west (high) side of bridge. Water levels vary +/-10'. Access to Sagamore Base from land side via Owlhead Lane off of Rt 30 north of US Post Office on east side. One rwy north of bridge, another rwy south of bridge. Bridge across lake (Route 30) and building across road. +50' P-lines along road and bridge (Route 30). Sagamore Base located 1/4 mile south of bridge on east shore. SPB located 60 NM east of Carthage, NY.

AIRPORT MANAGER: 518-624-5520

COMMUNICATIONS: CTAF/UNICOM 122.8

CLEARANCE DELIVERY PHONE: For CD ctc Boston ARTCC at 603-879-6859.

LT WARREN EATON (See NORWICH on page 232)

LUFKER (See EAST MORICHES on page 199)

MALONE-DUFORT (MAL)(KMAL) 2 W UTC-5(-4DT) N44°51.22' W74°19.74'

MONTREAL

790 B NOTAM FILE BTV

L-32G

RWY 05-23: H3994X100 (ASPH) S-20 MIRL 0.4% up SW

RWY 05: REIL. PAPI(P2L)—GA 3.15° TCH 42'. Trees.

RWY 23: REIL. PAPI(P2L)—GA 3.0° TCH 43'. Trees.

RWY 14-32: H3250X75 (ASPH) S-12.5 MIRL 0.9% up SE

RWY 14: Trees.

RWY 32: Thld dsplcd 348'. Tree.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 05: TORA-3994 TODA-3994 ASDA-3994 LDA-3994

RWY 14: TORA-3250 TODA-3250 ASDA-3250 LDA-3250

RWY 23: TORA-3994 TODA-3994 ASDA-3994 LDA-3994

RWY 32: TORA-3250 TODA-3250 ASDA-3250 LDA-2902

SERVICE: FUEL 100LL LGT ACTIVATE PAPI Rwy 05 and Rwy 23, MIRL

Rwy 05-23, Rwy 14-32 and twy lghts—CTAF.

AIRPORT REMARKS: Airport not attended. Rwy 14-32 has snow removal but visual inspection and NOTAM check must be done as town roads are plowed before arpt. Haying activity and equipment present Jun–Sept.

AIRPORT MANAGER: (518) 483-4740

WEATHER DATA SOURCES: AWOS-AV 122.8 (518) 651-2601.

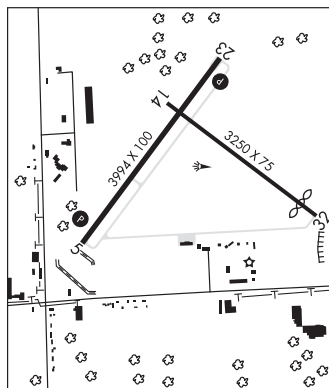
COMMUNICATIONS: CTAF/UNICOM 122.8

Ⓡ **BOSTON CENTER APP/DEP CON** 135.25

CLEARANCE DELIVERY PHONE: For CD ctc Boston ARTCC at 603-879-6859.

RADIO AIDS TO NAVIGATION: NOTAM FILE MSS.

MASSENA (H) TACAN Chan 88 MSS (114.1) N44°54.87' W74°43.36' 116° 17.2 NM to fld. 198/14W.



MARCY FLD (See KEENE on page 214)

MASSENA INTL—RICHARDS FLD (MSS)(KMSS) 2 E UTC-5(-4DT) N44°56.17' W74°50.71'**MONTREAL**

221 B AOE Class II, ARFF Index A NOTAM FILE MSS

H-11C, 12K, L-32G**RWY 05-23:** H5601X100 (ASPH-GRVD) S-30, D-50, 2D-76**IAP**

PCN 18 F/C/X/T HIRL 0.3% up NE

RWY 05: REIL. PAPI(P4L)—GA 3.0° TCH 58'. Pole.**RWY 23:** PAPI(P4L)—GA 3.0° TCH 43'.**RWY 09-27:** H4000X100 (ASPH-GRVD) S-30, D-50, 2D-76 MIRL**RWY 09:** REIL. Trees.**RWY 27:** REIL. PAPI(P4L)—GA 3.0° TCH 35'.**RUNWAY DECLARED DISTANCE INFORMATION****RWY 05:** TORA-5601 TODA-5601 ASDA-5601 LDA-5601**RWY 09:** TORA-4000 TODA-4000 ASDA-4000 LDA-4000**RWY 23:** TORA-5601 TODA-5601 ASDA-5601 LDA-5601**RWY 27:** TORA-4000 TODA-4000 ASDA-4000 LDA-4000**SERVICE:** S1 FUEL 100LL, JET A L&T ACTIVATE REIL Rwy 05, Rwy 09 and Rwy 27, PAPI Rwy 05, Rwy 23 and Rwy 27, HIRL Rwy 05-23, MIRL Rwy 09-27 and twy lgts—CTAF.**AIRPORT REMARKS:** Attended Mon-Fri 0900-2200Z±. Unattended Sat Sun and hol. Birds and deer on and invof arpt. Frequent concentration of seagulls and Canada geese on and invof arpt particularly during poor wx periods. 421' lgtd/marked twr 6000' south of arpt. Rwy conditions reported during normal hrs of ops. Caution NVD ops conducted periodically in arpt tfc pattern area. Mil hel training on and invof arpt. PPR 24 hrs for air carrier ops with more than 30 passenger seats, call arpt manager 315-769-7605. Rwy 05 first 50 ft not grvd. Rwy 09 first 50 ft not grvd. Rwy 27 first 50 ft not grvd. Overnight acft parking avbl at terminal apron. After attendance hrs vehicle and pedestrian access to FBO apron and hangar only avbl with key card for automatic gate. Commuter acft secure area clsd to general aviation acft clearing customs. Parking avbl to right of terminal bldg. Flight Notification Service (ADCUS) avbl. Ldg fee.**AIRPORT MANAGER:** 315-769-7429**WEATHER DATA SOURCES:** ASOS 128.075 (315) 764-0481.**COMMUNICATIONS:** CTAF/UNICOM 123.0**RCO 122.2** (BURLINGTON RADIO)Ⓡ **BOSTON CENTER APP/DEP CON** 135.25**CLEARANCE DELIVERY PHONE:** For CD if una to ctc on FSS freq, ctc Boston ARTCC at 603-879-6859.**AIRSPACE:** CLASS E.**RADIO AIDS TO NAVIGATION:** NOTAM FILE MSS.

(H) TACAN Chan 88 MSS (114.1) N44°54.87' W74°43.36' 298° 5.4 NM to fld. 198/14W.

MISSE NDB (LOMW) 278 MS N44°51.25' W74°54.95' 045° 5.8 NM to fld. 245/14W.

ILS 108.7 I-MSS Rwy 05. Class IE. LOM MISSE NDB. LOM unmonitored.

**MATTITUCK** (21N) 1 SE UTC-5(-4DT) N40°59.22' W72°31.15'**NEW YORK
COPTER**

30 NOTAM FILE ISP

RWY 01-19: H2200X60 (ASPH)**RWY 01:** Trees.**RWY 19:** Trees.**AIRPORT REMARKS:** Unattended. All training ops, tkf and ldg practice and ngt ops are prohibited. Deer on and invof arpt. Rwy 19, extensive pavement rutting at centerline, 240'-350' from thld. Segmented circle has no tfc pat indicator.**AIRPORT MANAGER:** 631-445-4348**COMMUNICATIONS:** CTAF 122.9**CLEARANCE DELIVERY PHONE:** For CD ctc New York Apch at 516-683-2449.

MAYVILLE

DART (D79) 2 E UTC-5(-4DT) N42°16.09' W79°28.90'

DETROIT

1330 TPA—2130(800) NOTAM FILE BUF

RWY 10-28: 3800X60 (TURF)

RWY 10: Trees.

RWY 28: Hangar.

RWY 13-31: 2750X60 (TURF)

RWY 13: P-line.

RWY 31: Pole.

RWY 06-24: 1840X80 (TURF)

RWY 06: Trees.

RWY 24: Tree.

AIRPORT REMARKS: Attended dalgt hours. Extensive glider ops on and invof arpt. Ultralight activity on and invof arpt. Pole line running along north side of Rt. 430.

AIRPORT MANAGER: 716-753-6711

COMMUNICATIONS: CTAF 122.9

CLEARANCE DELIVERY PHONE: For CD ctc Buffalo Apch at 716-626-6920, when Apch clsd ctc Cleveland ARTCC at 440-774-0232.

MIDDLESEX VALLEY (4N2) 1 NW UTC-5(-4DT) N42°42.84' W77°16.32'

DETROIT

770 NOTAM FILE BUF

RWY 03-21: 2130X175 (TURF) 2.1% up NE

RWY 03: Brush.

RWY 21: Tree.

SERVICE: S2

AIRPORT REMARKS: Attended SR-SS. Rwy 03-21 not plowed in winter. Call arpt manager for fld condition 585-465-3926.

AIRPORT MANAGER: (585) 465-3926

COMMUNICATIONS: CTAF/UNICOM 122.7

CLEARANCE DELIVERY PHONE: For CD ctc Cleveland ARTCC at 440-774-0490.

MIDDLETOWN

RANDALL (Ø6N) 2 SE UTC-5(-4DT) N41°25.91' W74°23.49'

NEW YORK

523 NOTAM FILE ISP

L-33A, 34H

RWY 08-26: H2810X60 (ASPH) S-25 MIRL 0.6% up E

IAP

RWY 08: PAPI(P2L)—GA 4.0° TCH 44'. Thld dsplcd 563'. Road.

RWY 26: PAPI(P2R)—GA 4.0° TCH 30'. Trees.

SERVICE: LGT Several rwy and twy lgts OTS indef. PAPI Rwy 26 OTS indef. ACTIVATE MIRL Rwy 08-26—CTAF.

AIRPORT REMARKS: Unattended. Heavy glider and hang glider activity on weekends and holidays. Ultralgt on and invof of arpt. Rwy 08-26 sfc treatment, single wheel strength is 12.5. Rwy markings very badly faded.

AIRPORT MANAGER: 845-343-5965

COMMUNICATIONS: CTAF/UNICOM 122.8

® NEW YORK APP/DEP CON 132.75

CLEARANCE DELIVERY PHONE: For CD ctc New York Apch at 516-683-2448

RADIO AIDS TO NAVIGATION: NOTAM FILE ISP.

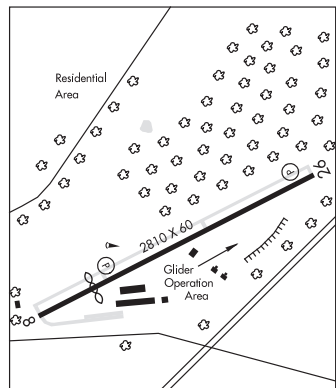
HUGUENOT (H) (H) VOR/DME 116.1 HVO Chan 108 N41°24.58' W74°35.50' 093° 9.1 NM to fld. 1300/11W.

VOR unusable:

029°-045° byd 15 NM blo 5,000'

050°-060° byd 10 NM

210°-230° byd 20 NM blo 6,500'



MIDLAKES (See GORHAM on page 208)

MILLBROOK**SKY ACRES** (44N) 6 SW UTC-5(-4DT) N41°42.45' W73°44.28'

697 NOTAM FILE ISP

RWY 17-35: H3828X60 (ASPH) S-20 MIRL 1.3% up S**RWY 17:** Trees.**RWY 35:** PAPI(P2L)—GA 3.0° TCH 33'. Trees.**SERVICE:** S4 **FUEL** 100LL **LGT** ACTIVATE PAPI Rwy 35; MIRL Rwy 17-35—CTAF. PAPI Rwy 35 unusbl 8° right of cntrln.**AIRPORT REMARKS:** Attended 1300-2100Z†. Self-svc fuel avbl 24 hrs. Rwy 17-35 safety areas have 30' dropoffs sloping 20' from thld at both ends. Parallel twy not lgtd. Cold temperature airport. Altitude correction required at or below -23C.**AIRPORT MANAGER:** 845-677-5010**COMMUNICATIONS:** CTAF/UNICOM 122.8Ⓡ **NEW YORK APP/DEP CON** 132.75**CLEARANCE DELIVERY PHONE:** For CD ctc New York Apch at 516-683-2448**RADIO AIDS TO NAVIGATION:** NOTAM FILE ISP.**KINGSTON (VL) (L) VOR/DME** 117.6 IGN Chan 123 N41°39.93' W73°49.33' 068° 4.5 NM to fld. 581/12W.

VOR unusable:

008°-018° byd 40 NM blo 4,000'

008°-018° byd 70 NM

020°-123° byd 40 NM

045°-050° byd 35 NM blo 4,300'

070°-140° byd 30 NM blo 3,400'

130°-148° byd 40 NM

243°-253° byd 40 NM

275°-310° byd 40 NM

311°-321° byd 40 NM blo 6,000'

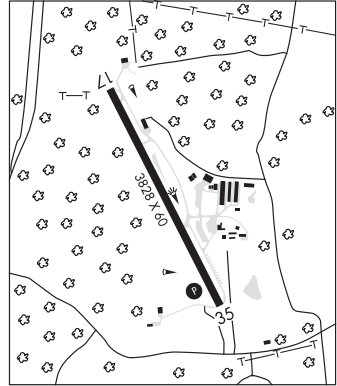
311°-321° byd 64 NM

322°-001° byd 40 NM

NEW YORK

L-33B, 34I

IAP

**MISSE** N44°51.25' W74°54.95' NOTAM FILE MSS.**NDB (LOMW)** 278 MS 045° 5.8 NM to Massena Intl-Richards Fld. 245/14W.

MONTAUK (MTP)(KMP) 3 NE UTC-5(-4DT) N41°04.60' W71°55.23'

7 NOTAM FILE MTP

RWY 06-24: H3246X75 (ASPH) MIRL

RWY 06: PAPI(P2R)—GA 3.83° TCH 45'. Thld dsplcd 302'. Trees.

RWY 24: PAPI(P2L)—GA 4.0° TCH 24'. Thld dsplcd 668'. Hill. Rgt tfc.

SERVICE: LGT ACTVT MIRL and PAPI Rwy 06-24—121.7. PAPI Rwy 06 temporarily OTS.

NOISE: Noise abatement, Rwy 24 dep, right turn ASAP.

AIRPORT REMARKS: Attended 15 Apr-Oct dalgst hrs. Deer on or invof arpt. PPR hel opns SS-SR; call amgr 631-668-3738. PPR jet acft; call amgr 631-668-3738. Helicopters call for prior permission to land on ramp area. No touch and goes Rwy 06-24. Rwy 06 18' brush along rwy edge 90' left, 30' pole 400' from thld 79' left, 31' pole 216' from rwy thld 233' right. Rwy 06, 26' tree 382' from thld 21' left, 25'-32' trees 180'-255' from thld 60'-90' left, 11'-17' trees 225'-270' from thld 4'-95' right. Rwy 24, 21' brush along rwy edge 87' rgt. Ldg fee.

AIRPORT MANAGER: 631-609-0932

COMMUNICATIONS: CTAF/UNICOM 122.7

Ⓡ **NEW YORK APP CON** 125.975

Ⓡ **PROVIDENCE DEP CON** 125.75 (Sun-Fri 1030-0530Z±, Sat 1030-0500Z±) other times ctc

Ⓡ **BOSTON CENTER DEP CON** 124.85

CLEARANCE DELIVERY PHONE: For CD ctc Providence Apch at 401-738-8945, when Apch clsd ctc Boston ARTCC at 603-879-6859.

RADIO AIDS TO NAVIGATION: NOTAM FILE HTO.

HAMPTON (H) (H) VORTAC 113.6 HTO Chan 83 N40°55.14' W72°19.00' 075° 20.3 NM to fld. 22/13W.

DME unusable:

280°-325° byd 35 NM blo 1,700'

326°-355° byd 30 NM blo 2,000'

TACAN AZIMUTH unusable:

280°-325° byd 35 NM blo 1,700'

326°-355° byd 30 NM blo 2,000'

VOR unusable:

010°-240°

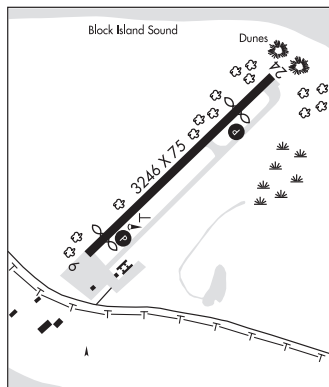
270°-332°

NEW YORK

COPTER

L-33C

IAP



MONTGOMERY

ORANGE CO (MGJ)(KMGJ) 1 SW UTC-5(-4DT) N41°30.71' W74°15.81'

370 B TPA—See Remarks NOTAM FILE MGJ

RWY 04-22: H5006X100 (ASPH-GRVD) S-30, D-57, 2D-85 HIRL 0.3% up NE

RWY 04: REIL. PAPI(P4L)—GA 3.0° TCH 52'. Trees.

RWY 22: REIL. PAPI(P2L)—GA 3.0° TCH 45'. Trees. Rgt tfc.

RWY 08-26: H3664X100 (ASPH) S-30, D-57, 2D-85 MIRL 0.3% up E

RWY 08: PAPI(P2L)—GA 3.5° TCH 49'. Trees.

RWY 26: PAPI(P2L)—GA 3.5° TCH 43'. Thld dsplcd 315'. Fence. Rgt tfc.

SERVICE: S4 FUEL 100LL, JET A OX 1, 2, 3, 4 LGT ACTVT HIRL Rwy 04-22; MIRL Rwy 08-26; twy lghts—CTAF. REIL Rwy 04 and 22; PAPI Rwys 04 and 22; 08 and 26 opr consty. PCL only avbl SS-SR.

NOISE: Noise abatement procedures in effect, ctc arpt mgr 845-457-4925.

AIRPORT REMARKS: Attended Sun 1330-2130Z±, Nov-Apr Mon-Sat 1200-2200Z±, May-Oct Mon-Sat 1200-0000Z±. Deer and birds on and invof arpt. Rwy 04 designated calm wind rwy. Wind indicator on Rwys 04, 22, 26. Be aware of large turbojet acft invof Stewart arpt lctd 7 NM east-southeast. 800' hill 1/2 mile northwest of arpt on downwind/base leg for Rwy 22. TPA—1400(1030) single eng, 1700(1330) multi eng/turboprop/jet. 9' stabilized shoulder each side of Rwy 08-26.

AIRPORT MANAGER: 845-457-4925

WEATHER DATA SOURCES: ASOS 119.275 (845) 457-1486.

COMMUNICATIONS: CTAF/UNICOM 122.725

Ⓡ **NEW YORK APP/DEP CON** 132.75

MONTGOMERY CLNC DEL 123.85

CLEARANCE DELIVERY PHONE: For CD ctc New York Apch at 516-683-2448 or 123.85

RADIO AIDS TO NAVIGATION: NOTAM FILE ISP.

HUGENOT (H) (H) VOR/DME 116.1 HUO Chan 108 N41°24.58' W74°35.50' 078° 16.0 NM to fld. 1300/11W.

VOR unusable:

029°-045° byd 15 NM blo 5,000'

050°-060° byd 10 NM

210°-230° byd 20 NM blo 6,500'

ILS 111.7 I-MGJ Rwy 04. Class IT. Unmonitored when MGJ Co office clsd.

NEW YORK

H-101, 12J, L-33B, 34H

IAP, AD

MONTICELLO**SULLIVAN CO INTL** (MSV)(KMSV) 6 NW UTC-5(-4DT) N41°42.10' W74°47.70'

NEW YORK

1403 B ARFF Index—See Remarks NOTAM FILE MSV

H-101, 121, L-33A, 34H

RWY 15-33: H6298X150 (ASPH-GRVD) S-95, D-131, 2D-223

IAP

PCN 37 F/C/X/T HIRL 0.4% up NW

RWY 15: REIL. PAPI(P4L)—GA 3.0° TCH 39'. Thld dsplcd 298'. Trees.**RWY 33:** REIL. PAPI(P4L)—GA 3.0° TCH 39'. Thld dsplcd 300'. Trees.**RUNWAY DECLARED DISTANCE INFORMATION****RWY 15:** TORA-6298 TODA-6298 ASDA-6198 LDA-5900**RWY 33:** TORA-6298 TODA-6298 ASDA-6098 LDA-5798**SERVICE:** S3 **FUEL** 100LL, JET A **LGT ACTVT** HIRL Rwy 15-33, REIL Rwy 15 and Rwy 33, and twy lgts—CTAF. PAPI Rwy 15 and Rwy 33 opr continuously.**AIRPORT REMARKS:** Attended 1130-2200Z±. Birds, waterfowl, coyote and deer on and invof arpt. Self service 100LL fuel avbl 24 hrs daily. Jet A fuel avbl 1300-2200Z± call 845-807-0325. Aftr hrs advn notice req. Class IV, ARFF Index A. PPR 24 hrs for acr ops with more than 30 pax seats; call amgr 845-807-0326 or 845-665-1714. Rwy 15 longitudinal cracking with weeds in cracks. Ldg fee for acct over 8,000 lbs and all commercial acct regardless of weight.**AIRPORT MANAGER:** 845-807-0184**WEATHER DATA SOURCES:** AWOS-3PT 124.725 (845) 583-5056.**COMMUNICATIONS:** CTAF/UNICOM 122.8

NEW YORK APP/DEP CON 132.75

MONTICELLO CLNC DEL 121.6

CLEARANCE DELIVERY PHONE: For CD ctc New York Apch at 516-683-2448 or 121.6**RADIO AIDS TO NAVIGATION:** NOTAM FILE ISP.**HUGUENOT (H) (H) VOR/DME** 116.1 HUO Chan 108 N41°24.58' W74°35.50' 343° 19.8 NM to fld. 1300/11W.

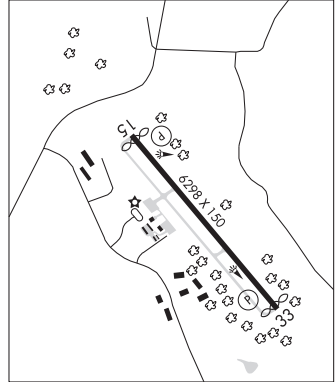
VOR unusable:

029°-045° byd 15 NM blo 5,000'

050°-060° byd 10 NM

210°-230° byd 20 NM blo 6,500'

ILS 109.1 I-MSV Rwy 15. Class IB.

**MORAVIA****OWASCO AIRFIELD** (2N4) 3 NW UTC-5(-4DT) N42°44.19' W76°29.18'

NEW YORK

1380 NOTAM FILE

RWY 11-29: 2333X50 (TURF) LIRL**RWY 11:** Trees.**RWY 29:** Trees.**AIRPORT REMARKS:** Unatndd. Deer invof and on rwy. Rwy not plowed in winter.**AIRPORT MANAGER:** 860-526-0809**COMMUNICATIONS:** CTAF 122.9**CLEARANCE DELIVERY PHONE:** For CD ctc Syracuse Apch at 315-455-6218.**NEELY** N41°29.15' W74°13.68' NOTAM FILE SWF.

NEW YORK

NDB (MHW/LOM) 335 SW 093° 5.7 NM to New York Stewart Intl. 408/14W.

L-33B, 34H

NEW YORK

DOWNTOWN MANHATTAN/WALL ST HELIPORT (JRB)(KJRB) 3 SE N40°42.07' W74°00.54' **NEW YORK COPTER**
 7 NOTAM FILE ISP
HELIPAD H1: H62X62 (CONC) S-50 PERIMETER LGTS
SERVICE: FUEL JET A
HELIPORT REMARKS: Attended Mon-Fri 1200-0300Z†, Sat 1200-0000Z†, Sun 1200-2200Z†. Attendance early hrs holiday and weekend schedules rqr 24 hrs notice call 212-248-7240. Birds on and invof heliport. Boats may navigate in water along heliport pier. No flts or apchs over FDR drive, two-way radio rqr. 13 helicopter parking spaces with additional tran positions avbl. Fire stand pipes on site. Ldg fee.
AIRPORT MANAGER: 212-248-7240
WEATHER DATA SOURCES: AWOS-3PT 128.175 (212) 425-1534.
COMMUNICATIONS: CTAF/UNICOM 123.05
APP/DEP CON 120.8
CLEARANCE DELIVERY PHONE: For CD ctc New York Apch at 516-683-2849.

EAST 34TH STREET HELIPORT (6N5) 0 E N40°44.56' W73°58.32' **NEW YORK COPTER**
 10 B NOTAM FILE ISP
HELIPAD H1: H37X37 (ASP-CONC) RWY LGTS(NSTD)
HELIPAD H2: H44X44 (ASPH) RWY LGTS(NSTD)
HELIPAD H3: H44X44 (ASPH) RWY LGTS(NSTD)
HELIPAD H4: H44X44 (ASPH) RWY LGTS(NSTD)
SERVICE: FUEL JET A1
HELIPORT REMARKS: Attended Mon-Fri 1300-0100Z†. Heliport clsd Sat and Sun. Lctd 4.3 SW of La Guardia Arpt. Bcn lctd abv office trailer blo elev highway. NX RAD wx sys avbl. No late or early ops avbl. All ops over East River. Call ahead for parking. Rwy H1 lgted bldg and fence NW and SE, elev highway and bldg to the west, fence and bldg to the north and south. River on the east side, sailboats and ferries possible rwy edge of pad. H1 NSTD green perimeter lgts. Ldg fee.
AIRPORT MANAGER: 212-889-2319
COMMUNICATIONS: CTAF/UNICOM 123.075
APP/DEP CON 120.8
CLEARANCE DELIVERY PHONE: For CD ctc New York Apch at 800-645-3206.

EVERS SPB (6N6) 12 NE UTC-5(-4DT) N40°50.76' W73°48.97' **NEW YORK COPTER**
 00 NOTAM FILE ISP
WATERWAY ALL-WAY: 5000X400 (WATER)
WATERWAY ALL: Boat.
WATERWAY WAY: Boat.
SEAPLANE REMARKS: Attended April-Oct 1300-0000Z†. Dalgt ops only. Unlighted barge approximately 350' northeast of ldg dock and ramp. Left tfc pat is west, southwest, south, southeast; rgt tfc pat is east, northeast, north, northwest. All turns over water. Min alt 300' base to final turn.
AIRPORT MANAGER: 718-863-9111
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc New York Apch at 516-683-2849.

JOHN F KENNEDY INTL (JFK)(KJFK) 13 SE UTC-5(-4DT) N40°38.40' W73°46.72'

NEW YORK

13 B LRA Class I, ARFF Index E NOTAM FILE JFK

COPTER

RWY 13R-31L: H14511X200 (CONC-GRVD) D-210, 2S-175, 2D-550, 2D/2D2-1100 PCN 98 R/B/W/T HIRL CL

H-101, 12J, L-33B, 34H

IAP, AD

RWY 13R: RLLS. PAPI(P4L)—GA 3.0° TCH 79'. RVR-TMR Thld dsplcd 2044'. Rgt tfc.

RWY 31L: PAPI(P4L)—GA 3.0° TCH 74'. RVR-TMR Thld dsplcd 3264'.

RWY 04L-22R: H12079X200 (CONC-GRVD) D-210, 2S-175, 2D-550, 2D/2D2-1100 PCN 90 R/B/W/T HIRL CL

RWY 04L: TDZL. PAPI(P4L)—GA 3.0° TCH 75'. RVR-TR Thld dsplcd 460'.

RWY 22R: PAPI(P4L)—GA 3.0° TCH 77'. RVR-TR Thld dsplcd 3424'. Tree.

RWY 13L-31R: H10000X200 (CONC-GRVD) D-210, 2S-175, 2D-550, 2D/2D2-1100 PCN 148R/A/W/T HIRL CL

RWY 13L: ALSF2. TDZL. PAPI(P4L)—GA 3.0° TCH 74'. RVR-TR Thld dsplcd 907'. Pole. Rgt tfc.

RWY 31R: MALSR. TDZL. PAPI(P4R)—GA 3.0° TCH 54'. RVR-TR Thld dsplcd 1027'. Tree.

RWY 04R-22L: H8400X200 (ASPH-GRVD) D-210, 2S-175, 2D-550, 2D/2D2-1100 PCN 90 F/B/W/T HIRL CL

RWY 04R: ALSF2. TDZL. PAPI(P4L)—GA 3.0° TCH 69'. RVR-TMR

RWY 22L: ALSF2. TDZL. PAPI(P4L)—GA 3.0° TCH 66'. RVR-TMR Tree.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 04L:TORA-11351 TODA-11351 ASDA-11470 LDA-11010

RWY 04R:TORA-8400 TODA-8400 ASDA-8400 LDA-8400

RWY 13L:TORA-10000 TODA-10000 ASDA-10000 LDA-9093

RWY 13R:TORA-14511 TODA-14511 ASDA-14511 LDA-12468

RWY 22L:TORA-8400 TODA-8400 ASDA-8400 LDA-8400

RWY 22R:TORA-12079 TODA-12079 ASDA-11219 LDA-7794

RWY 31L:TORA-14511 TODA-14511 ASDA-14511 LDA-11248

RWY 31R:TORA-10000 TODA-10000 ASDA-9513 LDA-8486

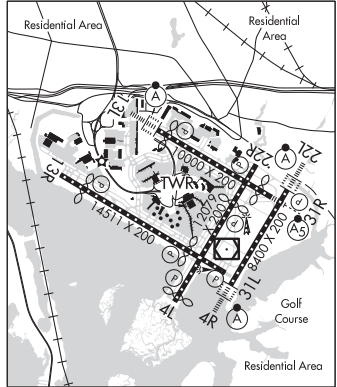
ARRESTING GEAR/SYSTEM

RWY 04R: EMAS

RWY 22L: EMAS

SERVICE: S4 **FUEL** 100LL, JET A **OX** 1, 3 **LGT** Rwy 22L ALSF2 NSTD lgt spacing. Rwy 13R first P4L horizontal offset 22° left. Rwy 13R has second P4L with transitional TCH and 3° VGSi. Rwy 22L PAPI horizontal offset 4° to left. Rwy 22R PAPI unusable beyond 8° rgt of centerline. Rwy 13L PAPI rotated 10 deg right of rwy centerline. Rwy 13L PAPI unusable left of rwy centerline.

NOISE: For noise abatement rstrns call 212-435-3782 durg nml bus hrs.



CONTINUED ON NEXT PAGE

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AIRPORT REMARKS: Special Air Traffic Rules—Part 93 High Density Arprt. Prior reservation reqrd. See Aeronautical Information Manual. Attended continuously. Flocks of birds on and in/ovf arprt. General Aviation, non based coml acft ops must make arrangements for fuel prior to arr call 347-566-6620 or UNICOM 122.95. Acft opr and twy restrictions exist for A380, B747-800, B777-300ER and A340-600, and A350-1000. Please ctc JFK arprt ops for more info. High volume of low level VFR traffic, 500' and blo, along shoreline south of JFK. Para-sail and banner towing ops 1000' and blo in upper and lower New York bays incl Rockaway Inlet indef. Caution Rwy 13R can be confused with Rwy 13L. Converging ops on Rwy 13R and Rwy 22L conducted via arr distance window. Coded transponder reqrd. Exp to leave and re-enter the Class B Airspace dur moderate to heavy arr periods. ASDE-X in use. Operate transponders with altitude reporting mode and ADS-B (if equipped) enabled on all airport surfaces. Metering procedures in effect-ctc ramp ctl prior to pushback 1200-1500Z± daily, 1900-0300Z± daily. RLLS Rwy 13L uses 1000' lgt station of the ALS only with CRI VOR apchs and is angled toward AQUEDUCT, also 5 SFL from 1200'-2000' and a 5 SFL grouping aprx 1 mile from rwy +1 adjacent forming apch. Apch gate angled 35° south of Rwy 13L cntrln designed to provide earlier ident of rwy environment. Continuous taxiway maintenance activites at numerous locations. A380 and B747-800 acft tax speed restricted to max 17 kts/20 mph on all twys. Twy A between Twy NA and Twy NB acft speed restriction of 17 kts/20 mph maximum for A380, B747-800, B747-400, B777-300ER, B777-200, A340, A330, B787 and A350. UFN Twy D between Twy C and hangar 7 clsd. Twy H CL lghts between Twy A and Rwy 04L-22R OTS. Twy H CL lghts between terminal 4 ramp and Twy A OTS. Twy NB clsd to Southbound turns at Twy A. Acft are not permitted to stop on either Twy A or B bridges. Twy Z btn Rwy 04L and 22R and Twy Y clsd UFN. Periodic fire department training adjacent apch end of Rwys 22L and 22R. Twy Q3 cntrln lghts OTS. Rwy 31R holding position markings at Rwy 04L-22R southeast side obsc. Rwy 13L holding position markings at Rwy 04L-22R northwest side obsc. Obstruction bldg lgt OTS 6.3 NM ESE JFK 222' MSL (220' AGL). NSTD engineered materials Arresting System (EMAS) 393' in length by 226' in width lctd at ther DER 04R. NSTD engineered materials Arresting System (EMAS) 405' in length by 226' in width lctd at ther DER 22L. Rwy status lghts in ops. Rwy 31R 1000 ft dist remaining sign misg. JFK apn bldg 73 ramp clsd to acft wingspan more than 171 ft exc under tow. Non-std markings in general aviation apn, ctc FBO on UNICOM or 347-566-6620 for wing walkers. Obst parked acft (ASN 2020-AEA-1302-NRA) 403933N 0734749W (1.4NM NW JFK) 74 (64 ft AGL) U/S 1200-0100 dly. Ldg fee. Flight Notification Service (ADCUS) avbl.

AIRPORT MANAGER: (718) 244-3501

WEATHER DATA SOURCES: ASOS (718) 656-0956 LLWAS. TDWR.

COMMUNICATIONS: D-ATIS ARR/DEP 128.725 D-ATIS ARR-SW 115.4 D-ATIS ARR-NE 117.7 UNICOM 122.95

KENNEDY RCO 122.1R 115.9T (NEW YORK RADIO)

Ⓡ NEW YORK APP CON 125.7 128.125

Ⓡ NEW YORK DEP CON 135.9

TOWER 119.1 (Rwys 04R-22L and 13L-31R) 123.9 (Rwy 04L-22R and 13R-31L)

GND CON 121.9 CLNC DEL/PRE TAXI CLNC 135.05 RAMP CTL 125.05

CPDLC (LOGON KUSA)

PDC

AIRSPACE: CLASS B See VFR Terminal Area Chart.

RADIO AIDS TO NAVIGATION: NOTAM FILE JFK.

KENNEDY (H) (H) VOR/DME 115.9 JFK Chan 106 N40°37.97' W73°46.28' at fld. 10/12W.

VOR unusable:

340°-345° byd 20 NM blo 4,000'

340°-345° byd 30 NM

CANARSIE (T) (T) VORW/DME 112.3 CRI Chan 70 N40°36.75' W73°53.67' 084° 5.5 NM to fld. 4/11W.

VOR unusable:

047°-175°

224°-035°

ILS/DME 110.9 I-HIQ Chan 46 Rwy 04L. Class IE. Glideslope unusable byd 5° right of course. Auto cpd apchs NA blw 500ft MSL.

ILS/DME 109.5 I-JFK Chan 32 Rwy 04R. Class IIIE. DME also serves Rwy 22R.

ILS/DME 111.5 I-TLK Chan 52 Rwy 13L. Class IIIE. LOC unusable byd 11 DME. DME unusable byd 30° right of centerline. Glideslope unusable byd 8 NM.

ILS/DME 110.9 I-IWY Chan 46 Rwy 22L. Class IIIE.

ILS/DME 109.5 I-JOC Chan 32 Rwy 22R. Localizer offset angle 2.5 deg. DME also serves Rwy 04R.

ILS 111.35 I-MOH Rwy 31L. Class IE.

ILS/DME 111.5 I-RTH Chan 52 Rwy 31R. Class ID. LOC unusable byd 15° left side of course. ILS RTH markings obsc at Twy K indef.

COMM/NAV/WEATHER REMARKS: Use caution for possible radio interference or false instructions on twr frequencies.

LAGUARDIA (LGA)(KLG) 4 E UTC-5(-4DT) N40°46.64' W73°52.36'

NEW YORK
COPTER
H-101, 12J, L-33B, 34H
IAP, AD

21 B LRA Class I, ARFF Index D NOTAM FILE LGA

RWY 13-31: H7003X150 (ASPH-CONC-GRVD) S-80, D-170, 2S-175, 2D-360 PCN 63 F/B/W/T HIRL CL

RWY 13: MALSR. TDZL. PAPI(P4L)—GA 3.1° TCH 55'. RVR-TR

RWY 31: REIL. PAPI(P4R)—GA 3.0° TCH 71'. RVR-TR Bldg.

RWY 04-22: H7001X150 (ASPH-CONC-GRVD) S-80, D-170, 2S-175, 2D-360 PCN 63 F/B/W/T HIRL CL

RWY 04: MALSR. TDZL. PAPI(P4R)—GA 3.1° TCH 76'. RVR-TR Bldg.

RWY 22: ALSF1. TDZL. PAPI(P4R)—GA 3.0° TCH 67'. RVR-TR

RUNWAY DECLARED DISTANCE INFORMATION

RWY 04: TORA-7001 TODA-7001 ASDA-7001 LDA-7001

RWY 13: TORA-7003 TODA-7003 ASDA-7003 LDA-7003

RWY 22: TORA-7001 TODA-7001 ASDA-7001 LDA-7001

RWY 31: TORA-7003 TODA-7003 ASDA-7003 LDA-7003

ARRESTING GEAR/SYSTEM

RWY 04: EMAS

RWY 13: EMAS

RWY 22: EMAS

RWY 31: EMAS

SERVICE: S4 FUEL 100LL, JET A OX 1, 2, 3, 4

NOISE: For noise abatement rstrns call 212-435-3782 durg nml bus hrs.

AIRPORT REMARKS: Special Air Traffic Rules—Part 93, High Density Arpt, Prior Reservation Required, see Aeronautical Information Manual. Coded Transponder rqr. Flocks of birds on and invof arpt. Attended continuously. Ship masts in apch Rwy 31. VFR reservation info avbl on ATIS. Obst sign structure unknown (39' AGL) 500' east of Rwy 04-22 cntrln and 4,800' south of Rwy 13-31 cntrln. Exp to leave and re-enter the Class B Airspace dur moderate to heavy arr periods. Magnetic anomalies may affect compass hdg when using extrn Rwy 13 and Rwy 22 for tkf. Rwy 13-31 NW 944 ft of rwy is a deck ovr wtr; rwy friction may be different than rmng ptn of rwy durg wint wx. Rwy 14-22 NE 1776 ft of rwy is a deck ovr wtr; rwy friction may be different than rmng ptn of rwy durg wint wx. Helicopter pad lctd at the int of Twy D and Twy F clsd indef. Twy G, Twy P, Twy R and Twy U conc deck rstd to 5 kts turns, 10 kts straight. Twy F and Twy D west of Twy BB clsd to acct with wingspans in excess of 125'. Twy F lctd btn Twy BB and Twy Y clsd indef. B767-400 acct rstd to 10 kts on Twy DD, Twy Z, Twy B, and Twy AA. ASDE-X in use. Operate transponders with altitude reporting mode and ADS-B (if equipped) enabled on all airport surfaces. Rwy status lgts in opr. Rwy 13 PAPI and ILS not coincidental. Rwy 13 PAPI and RNAV glidepath not coincident. Rwy 22 PAPI and glidepath not coincident. Rwy 31 PAPI and RNAV glidepath not coincident. PAPI Rwy 13 unusable 8° left of cntrln and 9° rgt of cntrln. Ohd pax bridges on N side of terminal B prvd 50' tail hgt clnc when on taxilane cntrln. Ldg fee. Flight Notification Service (ADCUS) avbl.

AIRPORT MANAGER: 718-533-3401

WEATHER DATA SOURCES: ASOS (718) 672-6317 LLWAS.

COMMUNICATIONS: D-ATIS ARR 125.95 (718) 424-4713 D-ATIS DEP 127.05 (718) 424-4713 UNICOM 122.95

Ⓡ NEW YORK APP CON 120.8 120.05

TOWER 118.7 GND CON 121.7 CLNC DEL 135.2 (121.875 helicopters) PRE TAXI CLNC 135.2

Ⓡ NEW YORK DEP CON 120.4

CPDLC (LOGON KUSA)

PDC

AIRSPACE: CLASS B See VFR Terminal Area Chart.

RADIO AIDS TO NAVIGATION: NOTAM FILE LGA.

LA GUARDIA (L) (L) VORW/DME 113.1 LGA Chan 78 N40°47.02' W73°52.12' at fld. 9/12W.

VOR unusable:

245°-280° blo 6,000'

DME unusable:

245°-280° byd 25 NM blo 6,000'

ILS/DME 110.5 I-LGA Chan 42 Rwy 04. Class IT. LOC unusable byd 20° left of course.

ILS/DME 108.5 I-GDI Chan 22 Rwy 13. Class IE. Glideslope unusable byd 4° left of course.

ILS/DME 110.5 I-URD Chan 42 Rwy 22. Class IIE.

LOC/DME 108.5 I-PZV Chan 22 Rwy 31. Offset localizer angle 1.7 degrees.

HELIPAD H1: H45X45 (ASPH)

HELIPORT REMARKS: H1 lctd int Twys BB between Twys D and F. Helicopter pad lctd at the int of Twy D, Twy F and Twy Y clsd indef. H1 helipad nstd markings and lgtg.

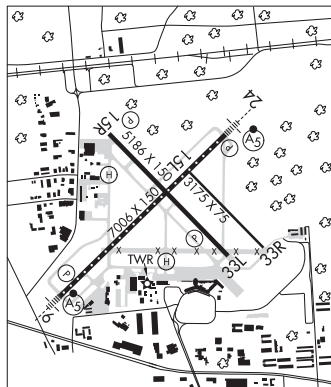
LONG ISLAND MAC ARTHUR (ISP)(KISP) P (ARNG) 40 E UTC-5(-4DT) N40°47.77' W73°06.04'

NEW YORK
COPTER

99 B LRA Class I, ARFF Index C NOTAM FILE ISP
RWY 06-24: H7006X150 (ASPH-GRVD) S-100, D-210, 2S-175,
 2D-300 PCN 55 F/B/X/U HIRL CL

H-101, 12J, L-338, 34I
 IAP, AD

RWY 06: MALS. PAPI(P4L)—GA 3.0° TCH 53'. RVR-TR Tree.
RWY 24: MALS. PAPI(P4L)—GA 3.0° TCH 52'. RVR-TR Rgt tfc.
RWY 15R-33L: H5186X150 (ASPH-GRVD) S-100, D-170, 2S-175,
 2D-300 PCN 55 F/B/X/U MIRL 0.4% up NW
RWY 15R: PAPI(P4L)—GA 3.1° TCH 46'. Rgt tfc.
RWY 33L: PAPI(P4L)—GA 3.0° TCH 50'. Trees.
RWY 15L-33R: H3175X75 (ASPH) S-25 PCN 19 F/B/X/U
 0.3% up NW
RWY 33R: Rgt tfc.



LAND AND HOLD—SHORT OPERATIONS

LDG RWY	HOLD—SHORT POINT	AVBL LDG DIST
RWY 06	15R-33L	4200
RWY 33R	06-24	3000

RUNWAY DECLARED DISTANCE INFORMATION

RWY 06: TORA-7006	TODA-7006	ASDA-7006	LDA-7006
RWY 15L: TORA-3175	TODA-3175	ASDA-3175	LDA-3175
RWY 15R: TORA-5186	TODA-5186	ASDA-5186	LDA-5186
RWY 24: TORA-7006	TODA-7006	ASDA-7006	LDA-7006
RWY 33L: TORA-5186	TODA-5186	ASDA-5186	LDA-5186
RWY 33R: TORA-3175	TODA-3175	ASDA-3175	LDA-3175

SERVICE: S4 FUEL 100LL, JET A OX 1, 2, 3, 4 LGT Dusk-dawn. When ATCT clsd ACTVT MIRL Rwy 15R-33L; twy lghts—CTAF. HIRL Rwy 06-24 preset low instst ACTVT—CTAF. MALS. Rwy 06 or 24 preset med instst for prevailing wind rwy. Rwy 06 nstd MALS. three outermost flasher lghts exceed std spacing. **MILITARY—FUEL 100LL, A**

NOISE: Voluntary noise abatement procedures in effect for fixed wing acft and helicopters. Ctc arpt management 631-467-3300.

AIRPORT REMARKS: Attended continuously. Bird activity on and in/ovf arpt. Advsy, tfc ldg Rwy 33L high density VFR tfc opr 600' MSL and blo vnty Bayport Aerodrome 3 miles southeast. Updrafts may be encountered in/ovf powerplant 1.5 NM northeast Rwy 24. Rwy 15L-33R clsd to fixed wing acft at ngt and avbl for taxiing. Rwy 15L-33R not avbl for ngt tkf and ldg ops. Ltd to 48,000 lbs or less. Rwy 15L-33R clsd to sked acr ops more than 9 pax seats and non sked acr ops more than 30 pax seats. Twy S unltgd east of terminal apron. Rwy 15L nstd markings, thld bar missing on rwy end. Rwy 33R nstd markings, thld bar missing on rwy end. Ldg fee for all acft exc mil, govt and not-for-profit medical flights.

AIRPORT MANAGER: 631-467-3300

WEATHER DATA SOURCES: ASOS 120.725 (631) 471-0131. WSP.

COMMUNICATIONS: CTAF 119.3 ATIS 120.725 UNICOM 122.95

Ⓡ **NEW YORK APP/DEP CON** 120.05

LONG ISLAND TOWER 119.3 (1100-0500Z±) **GND CON** 135.3 **CLNC DEL** 121.85

CLEARANCE DELIVERY PHONE: For CD when ATCT clsd ctc New York Apch at 516-683-2449.

AIRSPACE: CLASS C svc ctc APP CON svc 1100-0500Z±; other times CLASS E.

VOR TEST FACILITY (VOT) 109.4

RADIO AIDS TO NAVIGATION: NOTAM FILE ISP.

DEER PARK (L) (L) VOR/DME 117.7 DPK Chan 124 N40°47.50' W73°18.22' 100° 9.3 NM to fld. 123/12W.
 VOR/DME unusable:

Byd 25 NM blo 5,000'

DME unusable:

265°-274° byd 17 NM blo 5,000'

275°-280°

281°-015° byd 17 NM blo 5,000'

LOKKS NDB (LOMW) 366 IS N40°43.74' W73°11.41' 059° 5.7 NM to fld. 12/14W.

ILS/DME 108.3 I-ISP Chan 20 Rwy 06. Class IIE. LOM LOKKS NDB. Unmonitored when ATCT clsd. LOC unusable byd 22° left of course.

ILS 108.3 I-RXN Rwy 24. Class IT. Unmonitored when ATCT clsd. Autopilot cpd apch na blw 800'.

HELIPAD H1: H50X50 (ASPH)

HELIPAD H2: H50X50 (ASPH)

HELIPORT REMARKS: Helipad H1 lctd on Twy W south of the int of Twy B. Helipad H2 lctd on Twy C north of Twy S.

NEW YORK SKYPORTS INC SPB (6N7) 0 E UTC-5(-4DT) N40°44.04' W73°58.37'
00 NOTAM FILE ISP

**NEW YORK
COPTER**

WATERWAY N-S: 10000X1000 (WATER)

SEAPLANE REMARKS: Attended 1300Z±-dusk. No tie-downs and no overnight stays avbl. Pilots must complete a proving fit with an authorized member of the N.E. Seaplanes Pilots Association prior to spbase use. 3-bladed props rqr'd on all seaplanes. Pilots rqr not to fly over the 59th Street Bridge. East River velocity 2.6 miles per hr in SSW direction. Heavy boat tfc in river. Pilots rqr'd to taxi 1000' offshore on Manhattan side before beginning tkf. CH13 (VHF 165.65) is monitored at seaport for inbound boat tfc and intership nav safety. Ldg fee.

AIRPORT MANAGER: (201) 214-0969

COMMUNICATIONS: CTAF 122.9

CLEARANCE DELIVERY PHONE: For CD ctc New York Apch at 800-645-3206.

NEW YORK STEWART INTL (SWF)(KSWF) P (A AR ANG MC) 44 N UTC-5(-4DT) N41°30.25'
W74°06.29'

**NEW YORK
H-101, 121, L-33B, 341
IAP, AD**

491 B TPA—See Remarks Class I, ARFF Index C NOTAM FILE SWF MON Airport

RWY 09-27: H11817X150 (ASPH-GRVD) S-85, D-175, 2S-175,
2D-350, 2D/2D2-775 PCN 65 F/A/W/T HIRL CL

RWY 09: ALSF2. TDZL. PAPI(P4L)—GA 3.0° TCH 65'. RVR-TMR Thld dsplcd 2000'. Fence. 0.4% down.

RWY 27: REIL. PAPI(P4L)—GA 3.0° TCH 56'. RVR-TMR Thld dsplcd 2000'. Tree.

RWY 16-34: H6004X150 (ASPH-GRVD) S-120, D-190, 2S-175,
2D-350, 2D/2D2-800 PCN 65 F/A/W/T HIRL 0.6% up NW

RWY 16: REIL. PAPI(P4L)—GA 3.0° TCH 53'.

RWY 34: REIL. PAPI(P4L)—GA 3.0° TCH 49'. Trees.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 09: TORA-11817 TODA-11817 ASDA-10817 LDA-8817

RWY 16: TORA-6004 TODA-6004 ASDA-6004 LDA-6004

RWY 27: TORA-11817 TODA-11817 ASDA-11817 LDA-9817

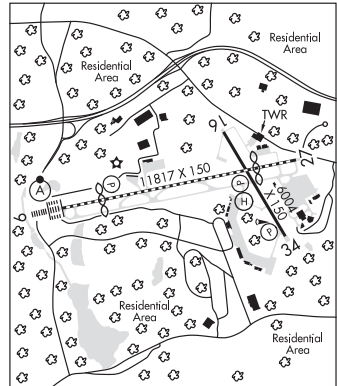
RWY 34: TORA-6004 TODA-6004 ASDA-6004 LDA-6004

SERVICE: S4 FUEL 100LL, JET A LGT SFL Rwy 09 O/S UFN. Rwy 16
PAPI unusbl byd 5 degs left of cntrl. **MILITARY—JASU** 1(MA-1A)
1(M32-60) 1(MD-3) FUEL A++ (Mil), A+ (C845-567-9800)
(NC-100LL) **TRAN ALERT** No tran maint.

NOISE: Noise abatement procedures in effect ctc arpt manager 845-838-8200. Avoid Orange Co. Arpt, located 7 NM west-northwest during VFR apchs. Rgt tfc on Rws 16 and 27 may be used for noise abatement.

AIRPORT REMARKS: Attended continuously. Birds and deer on and invof arpt. Be aware, extensive glider activity 8 miles east of HUO VORTAC in a 5 mile radius. All sfc. Work in progress grass cutting conducted April through October. Hudson Valley Rgnl located 3.3 NM southwest IGN VORTAC, do not mistake for Stewart Intl. TPA—1200(709) hel, 1500(1009) reciprocating eng, 2500(2009) Turboprop/Jet. Twy L clsd exc 20 minutes PPR. Twy L apron follow me vehicle required. Ctc arpt ops 845-838-8237. Twys B and H rstd to acft with wingspan greater than 118'. Twy C between Twy B and Twy F not visible from twr. Twy C rstd to acft with wingspan greater than 125' between terminal bldg and bldg 118. Acft with wingspan 172' or more rqr vehicle escort for all Twy C ops south of terminal apron. Ctc arpt ops 845-838-8237. No jet trng 0400-1200Z± dly. Rwy 16 and Rwy 34 has mil assault ldg zone and basic markings with aiming points. Rwy 09 VGSI and ILS glidepath not coincident. Compass calibration pad located on the Twy G runup apron. User fee arpt. User fee charged to all intl flts. Flight Notification Service (ADCUS) avbl. Ldg fee for acft \$1.53 per 1,000 lbs. certificated gross maximum tkof weight.

AIRPORT MANAGER: 845-838-8200



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COMMUNICATIONS: ATIS 124.575 845-567-9311 UNICOM 122.95

® NEW YORK APP/DEP CON 132.75

TOWER 121.0 GND CON 121.9

AIRSPACE: CLASS D.

RADIO AIDS TO NAVIGATION: NOTAM FILE ISP.

KINGSTON (VL) (L) VOR/DME 117.6 IGN Chan 123 N41°39.93' W73°49.33' 245° 16.0 NM to fld. 581/12W.

VOR unusable:

008°-018° byd 40 NM blo 4,000'

008°-018° byd 70 NM

020°-123° byd 40 NM

045°-050° byd 35 NM blo 4,300'

070°-140° byd 30 NM blo 3,400'

130°-148° byd 40 NM

243°-253° byd 40 NM

275°-310° byd 40 NM

311°-321° byd 40 NM blo 6,000'

311°-321° byd 64 NM

322°-001° byd 40 NM

NEELY NDB (MHW/LOM) 335 SW N41°29.15' W74°13.68' 093° 5.7 NM to fld. 408/14W. NOTAM FILE SWF.

ILS 110.1 I-SWF Rwy 09. Class IIIE. LOM NEELY NDB.

ILS/DME 109.95 I-JKH Chan 36(Y) Rwy 27. Class IB.

HELIPAD H1: H40X40 (ASPH)

HELIPORT REMARKS: Helipad located intersection Twy B and Twy C and east of Twy C.

WEST 30TH ST HELIPIORT (JRA)(KJRA) 0 N N40°45.29' W74°00.42'

NEW YORK

7 NOTAM FILE ISP

COPTER

HELIPAD H1: H45X45 (ASPH) S-6 PERIMETER LGTS

HELIPAD H1: Rgt tfc.

HELIPAD H2: H45X45 (ASPH) S-6

HELIPAD H2: Rgt tfc.

HELIPAD H3: H45X45 (ASPH)

HELIPAD H4: H45X45 (ASPH)

HELIPAD H5: H45X45 (ASPH)

HELIPAD H6: H45X45 (ASPH)

SERVICE: FUEL JET A

HELIPORT REMARKS: Attended continuously. North and south finger pier pads are clsd. +40' lgts lctd at south end of heliport.

+10' fencing lctd along east edge of heliport and btn ldg spots 2 and 3. All tkfs and ldgs made over Hudson River. Fire

alarm box to nearby firehouse lctd at fac. All helipads, H1, H6 circular. Helipad H3 no ingress/egress over 12th Avenue.

Parking avbl. Helipad H1 perimeter lgts.

AIRPORT MANAGER: 212-563-4442

COMMUNICATIONS: CTAF/UNICOM 123.05

APP/DEP CON 126.05 127.85

CLEARANCE DELIVERY PHONE: For CD ctc New York Apch at 516-683-2849.

NEWFANE

HOLLANDS INTL FLD (85N) 3 SW UTC-5(-4DT) N43°15.29' W78°45.93'

DETROIT

360 NOTAM FILE BUF

RWY NE-SW: 2875X75 (TURF)

RWY NE: Trees.

RWY SW: Trees.

AIRPORT REMARKS: Unattended. Parachute Jumping. Rwy SW nmrs 100' trees srnd rwy. Rwy NE; nmrs trees +25' -80' tall;

50' left to 143' right of cntrln. Rwy NE/SW Rolling terrain. 4" ditch between rwy and txy. Rwy used for farming. Large

round hay bales on rwy; unsafe for acct.

AIRPORT MANAGER: 716-536-8653

COMMUNICATIONS: CTAF 122.9

CLEARANCE DELIVERY PHONE: For CD ctc Cleveland ARTCC at 440-774-0490.

NIAGARA FALLS INTL (IAG)(KIAG) P (AFRC ANG) 4 E UTC-5(-4DT) N43°06.45' W78°56.75'

DETROIT

592 B LRA ARFF Index—See Remarks NOTAM FILE IAG

H-10H, 11B, L-31E

RWY 10L-28R: H9826X150 (ASPH-CONC-GRVD) S-120, D-240,

2D-447, 2D/2D2-957 PCN 74 R/B/W/T HIRL CL

RWY 10L: VASI(V4L)—GA 3.0° TCH 50'. RVR-R Thld dsplcd 700'.

Tree.

RWY 28R: MALSR. TDZL. PAPI(P4L)—GA 2.5° TCH 67'. RVR-T Tree.

RWY 06-24: H5188X150 (ASPH) S-120, D-250, 2D-462

PCN 69 F/B/W/T MIRL

RWY 06: REIL. PAPI(P4L)—GA 3.0° TCH 45'. Tree.

RWY 24: REIL. PAPI(P4L)—GA 3.0° TCH 48'. Tree.

RWY 10R-28L: H3972X78 (ASPH) S-73, D-97 PCN 29 F/C/X/T MIRL

RWY 10R: REIL. PAPI(P2L)—GA 3.26° TCH 31'. Tree.

RWY 28L: REIL. PAPI(P2L)—GA 3.06° TCH 30'. Stack.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 06: TORA-5188 TODA-5188 ASDA-5188 LDA-5188

RWY 10L: TORA-9829 TODA-10829 ASDA-9829 LDA-9129

RWY 10R: TORA-3973 TODA-3973 ASDA-3973 LDA-3973

RWY 24: TORA-5188 TODA-5188 ASDA-5108 LDA-5108

RWY 28L: TORA-3973 TODA-3973 ASDA-3973 LDA-3973

RWY 28R: TORA-9829 TODA-10529 ASDA-9129 LDA-9129

SERVICE: S2 FUEL 100LL, JET A, A+ LGT When ATCT clsd ACTVT

MALSR Rwy 28R; REIL Rwy 06, 24, 10R, 28L; Cntrln Rwy 10L/28R; PAPI Rwy 06, Rwy 24, 10R, 28L; HIRL Rwy 10L-28R; MIRL Rwy 06-24 and Rwy 10R-28L and twy lghts—CTAF. **MILITARY—** JASU 2(A/M32A-86) 1(AM32A-60) 1(MA-1A) FUEL A++(Mil) FLUID SP OIL O-148(Mil)

AIRPORT REMARKS: Attended continuously. Heavy concentrations of gulls, blackbirds, starlings up to 5000' AGL on and in/ovf arpt. Bird acft strike haz Phase II ops at KIAG Mar-May and Sep-Nov. Class I, ARFF Index B. ARFF Index E equipment coverage provided. Extensive acft activity opr in/ovf US/Canadian falls all alts. Military assault ldg zone and non-precision instrument markings Rwy 06. Military assault ldg zone and non-precision instrument markings Rwy 24. Inbkn depts Rwy 24 at Twy D1 are not authorized. Rwy 28R rollout end of rwy—last 900' not grvd. Rwy 28R 1000 ft by 150 ft blast pad. Rwy 10R-28L clsd to sked acr ops more than 9 pax seats and non sked acr ops more than 30 pax seats exc tax. Twys A, A1, A2, A3, M & L non-mov areas. Twy D3 rstd to 12,500 lbs or less. Ldg fee. Parking fee. Flight Notification Service (ADCUS) avbl. NOTE: See Special Notices—Recommended VFR Fit Procedures.

MILITARY REMARKS: See FLIP AP/1 Supplementary Arpt Remarks. **RSTD** All mil acft opr rstd during Bird Watch Condition Moderate (tkf and ldg permission only when departing/arrival route avoids identified bird activity, no local IFR/VFR tfc pat activity) and Severe (tkf and ldg prohibited without OG/CC approval), ctc Comd Post for current Bird Watch Condition.

MISC Local mission acft have priority for de-icing, full acft de-icing for C-17 and C-5 acft not avbl. All mil acft only minimal classified materials avbl, aircrews should arrive with appropriate amount to complete their mission. For current Mil Rwy Condition Reading (RCR) call or ctc 914 ARW comd post or 914th ARW afld management. **AFRC/ANG PPR** ctc Afld mgmt DSN 238-2176, C716-236-2176. Airfield ops svc 1200-0400Z† Mon-Fri exc hol. Customs/AG/IMG svc not lctd on Niagara Falls ARS. Svc avbl 24 hrs. Twys A, A1, A2, and A3 painted mkr faded and retro-reflectivity ineffective. Afld management does not issue or store COMSEC, for COMSEC storage ctc Command Post DSN 238-2150, C716-236-2150. Minimum alt over Niagara Falls scenic falls is 3500'. No fleet svc avbl. Nstd ops aprn mrks identifying prkg rows and prkg lctn. Nstd main aprn mrks prkg stop bar and acft gnd eqpt (AGE) box.

AIRPORT MANAGER: (716) 297-4494

WEATHER DATA SOURCES: ASOS (716) 297-6984

COMMUNICATIONS: CTAF 118.5 ATIS 120.8 269.4 UNICOM 122.95

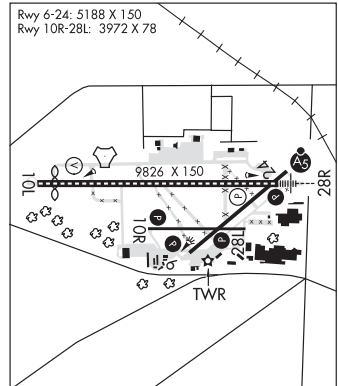
Ⓡ **BUFFALO APP/DEP CON** 126.5 317.6

TOWER 118.5 349.0 (1200-0400Z†) **GND CON** 125.3 275.8 **CLNC DEL** 119.25 251.1

914 AW COMD POST/AFLD MGMT (MUSHROOM OPS) 340.025 (DSN—238-2150, C716-236-2150. Afld mgmt—DSN 238-2176, C716-236-2176 (AMOPS).

CLEARANCE DELIVERY PHONE: For CD when ATCT clsd ctc Buffalo ATCT on freq or 716-626-6920.

AIRSPACE: CLASS D svc 1200-0400Z†; other times CLASS E.



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RADIO AIDS TO NAVIGATION: NOTAM FILE BUF.

BUFFALO (H) DME 116.4 BUF Chan 111 N42°55.74' W78°38.78' 309° 17.0 NM to fld. 730.

DME unusable:

051°-085° byd 25 NM blo 4,500'

301°-050° byd 25 NM blo 3,500'

(T) TACAN Chan 47 IAG (111.0) N43°06.75' W78°57.61' at fld. 592/10W. NOTAM FILE IAG. TACAN status unmonitored drg amops non-duty hrs 0400-1100Z.

TACAN AZIMUTH unusable:

079°-089° byd 20 NM blo 3,000'

090°-078° byd 20 NM

DME unusable:

079°-089° byd 20 NM blo 3,000'

090°-078° byd 20 NM

KATHI NDB (LOMW) 329 IA N43°06.55' W78°50.30' 279° 4.7 NM to fld. 615/10W. NOTAM FILE KIAG.

ILS 110.1 I-IAG Rwy 28R. Class IE. LOM KATHI NDB. Unmonitored when ATCT clsd.

NORWICH

LT WARREN EATON (OIC)(KOIC) 2 N UTC-5(-4DT) N42°33.99' W75°31.45'

NEW YORK

1024 B NOTAM FILE OIC

L-32F

RWY 01-19: H4727X75 (ASPH-GRVD) S-48.5, D-68 PCN 14 F/A/X/T

IAP

HIRL 0.3% up N

RWY 01: PAPI(P2L)—GA 4.0° TCH 34'. Thld dsplcd 275'. Trees.

RWY 19: REIL. PAPI(P2L)—GA 3.75° TCH 50'. Thld dsplcd 333'. Road.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 01: TORA-4727 TODA-4727 ASDA-4394 LDA-4119

RWY 19: TORA-4727 TODA-4727 ASDA-4452 LDA-4119

SERVICE: FUEL 100LL, JET A, A+ **LGT ACTVT** REIL Rwy 19; PAPI Rwy 01 and 19; HIRL Rwy 01-19—CTAF. Rwy 01 PAPI unusbl byd 4 deg left of cntrn. Rwy 19 PAPI unusbl byd 3 NM and 4 deg left of cntrn.

AIRPORT REMARKS: Attended Mon-Fri 1200-2000Z. Unattended Christmas. Self-svc fuel avbl 24/7 with credit card. Geese and deer on and invof arpt. Rwy 19 has 15' dropoff 30' from thld on west side. Rwy safety areas have depressions in sfc. Overnight tie-down fee, fee waived with fuel purchase.

AIRPORT MANAGER: 607-334-9430

WEATHER DATA SOURCES: AWOS-3 119.025 (607) 336-8583.

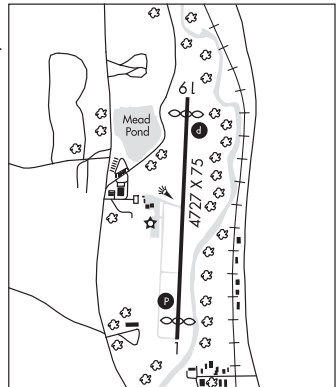
COMMUNICATIONS: CTAF/UNICOM 122.8

BOSTON CENTER APP/DEP CON 133.25

CLEARANCE DELIVERY PHONE: For CD ctc Boston ARTCC at 603-879-6859.

RADIO AIDS TO NAVIGATION: NOTAM FILE BUF.

ROCKDALE (L) (L) VORW/DME 112.6 RKA Chan 73 N42°27.98' W75°14.35' 307° 14.0 NM to fld. 2032/11W.



OGDENSBURG INTL (OGS)(KOGS) 2 SE UTC-5(-4DT) N44°40.94' W75°27.80'

302 B AOE ARFF Index—See Remarks NOTAM FILE OGS

RWY 09-27: H6400X150 (ASPH-GRVD) S-114, D-151, 2D-225

PCN 46 F/D/W/T HIRL

RWY 09: PAPI(P4L)—GA 3.0° TCH 46'.

RWY 27: MALSF. PAPI(P4L)—GA 3.0° TCH 45'.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 09: TORA-6400 TODA-6400 ASDA-6006 LDA-6006

RWY 27: TORA-6400 TODA-6400 ASDA-6035 LDA-6035

SERVICE: FUEL 100LL, JET A **LGT** ACTIVATE MALSF Rwy 27; PAPI Rwy 09 & 27; HIRL Rwy 09-27; Twy lgts—CTAF.

AIRPORT REMARKS: Attended Nov 15-Apr 14 1100-0130Z†, Apr 15-Nov 14 1230-0130Z†. For attendant aft 0100Z† call 315-869-2676. Birds and deer on or invof arprt. Fuel avbl after 2100Z† call 315-869-2676. Class I, ARFF Index A. PPR 24 hrs for unsked acr ops with more than 30 pax seats, call amgr. ARFF Index B coverage is avbl upon req. Rwy/twy/apn cond not monitored outside nml attendance hrs. AOE free except Sun after 0500Z† and hol. Ldg Fee arprt. Flight Notification Service (ADCUS) avbl.

AIRPORT MANAGER: (315) 869-2676

WEATHER DATA SOURCES: AWOS-3 118.525 (315) 393-8982.

COMMUNICATIONS: CTAF/UNICOM 122.8

RCO 122.4 (BURLINGTON RADIO)

Ⓡ **BOSTON CENTER APP/DEP CON** 135.25

CLEARANCE DELIVERY PHONE: For CD if una to ctc on FSS freq, ctc Boston ARTCC at 603-879-6859.

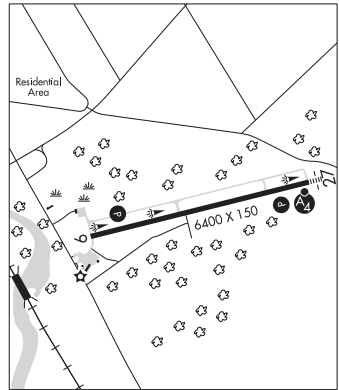
RADIO AIDS TO NAVIGATION: NOTAM FILE MSS.

MASSENA (H) TACAN Chan 88 MSS (114.1) N44°54.87' W74°43.36' 260° 34.6 NM to fld. 198/14W.

OGIVE NDB (LOMW) 358 OG N44°42.09' W75°21.18' 269° 4.9 NM to fld. 358/13W. NOTAM FILE OGS.

LOC/DME 110.7 I-OGS Chan 44 Rwy 27. LOM OGIVE NDB. Loc/LOM unmonitored.

COMM/NAV/WEATHER REMARKS: Actf approaching from the west and landing on Rwy 09 should monitor Brockville Arprt (CNL3) UNICOM on 123.0.



OGIVE N44°42.09' W75°21.18' NOTAM FILE OGS.

NDB (LOMW) 358 OG 269° 4.9 NM to Ogdensburg Intl. 358/13W.

MONTREAL

L-32G

OLCOTT—NEWFANE (D8Ø) 2 SW UTC-5(-4DT) N43°19.25' W78°43.74'

DETROIT

315 NOTAM FILE BUF

RWY 09-27: 2500X60 (TURF)**RWY 09:** Trees.**RWY 27:** Tree.**RWY 06-24:** 2408X30 (TURF)**RWY 06:** Trees.**RWY 24:** Trees.**AIRPORT REMARKS:** Attended dalgst hrs. Arpt CLOSED indef. Deer on and invof arpt. 35 ft p-line off Rwy 24 and 27 ends. Rwy 06: 72'-80' trees; across thld and along sides of rwy for 800'. Rwy 09: 31'-100' trees, across thld and along sides of rwy for 600'. Rwy 09-27 ruf and uneven.**AIRPORT MANAGER:** 716-778-6700**COMMUNICATIONS:** CTAF/UNICOM 122.7**CLEARANCE DELIVERY PHONE:** For CD ctc Cleveland ARTCC at 440-774-0490.**OLEAN****CATTARAUGUS CO—OLEAN** (OLE)(KOLE) 10 N UTC-5(-4DT) N42°14.47' W78°22.28'

DETROIT

2135 B NOTAM FILE OLE

L-301

RWY 04-22: H4800X100 (ASPH-GRVD) S-81, D-103, 2D-168

IAP

PCN 32 F/D/X/T HIRL 0.4% up SW

RWY 04: REIL. PAPI(P2L)—GA 3.0° TCH 40'. Thld dsplcd 100'. Trees.**RWY 22:** REIL. PAPI(P2L)—GA 3.0° TCH 40'. Thld dsplcd 200'. Trees.**RWY 16-34:** 2117X100 (TURF) 0.9% up NW**RWY 16:** Tree.**RUNWAY DECLARED DISTANCE INFORMATION****RWY 04:** TORA-4800 TODA-4800 ASDA-4600 LDA-4500**RWY 22:** TORA-4800 TODA-4800 ASDA-4700 LDA-4500**SERVICE:** FUEL 100LL, JET A+ LGT ACTVT REIL Rwy 04 and 22; PAPI

Rwy 04 and 22; HIRL Rwy 04-22; WDI—CTAF. PAPI Rwy 22

unusable byd 5 deg left of RCL.

AIRPORT REMARKS: Attended 1300-2100Z±. Call AMGR for svc availability on hol. Fuel avbl 24/7. Snow plowing and braking action and fld condition reports not avbl when arpt is unattended. Deer on and invof arpt. Terrain drops off on all rwy ends. Rwy 04 250' X 250' safety area. Rwy 22, 225' X 110' safety area. Rwy 16-34 has reflective edge and thld markings. Rwy 16-34 CLOSED winter months, soft in spring. Unmanned acft 1 NM radius SFC-500'.**AIRPORT MANAGER:** 716-557-8800**WEATHER DATA SOURCES:** AWOS-3 118.375 (716) 557-2001.**COMMUNICATIONS:** CTAF/UNICOM 122.8

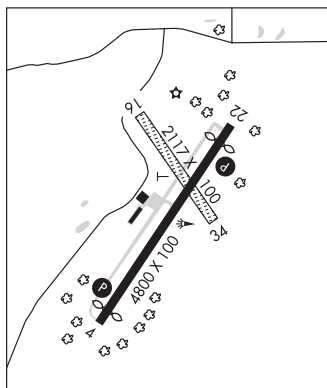
CLEVELAND CENTER APP/DEP CON 124.325

CLEARANCE DELIVERY PHONE: For CD ctc Cleveland ARTCC at 440-774-0227.**RADIO AIDS TO NAVIGATION:** NOTAM FILE ELZ.**WELLSVILLE (L) DME** 115.85 ELZ Chan 105(Y) N42°05.38' W77°59.97' 299° 18.9 NM to fld. 2298.

DME unusable:

170°-195° byd 25 NM

LOC 109.3 I-OLE Rwy 22.

**GIERMEK EXEC** (8G3) 2 SE UTC-5(-4DT) N42°04.06' W78°24.33'

DETROIT

1420 NOTAM FILE BUF

RWY 10-28: 3150X80 (TURF)**RWY 10:** Brush.**RWY 28:** Trees.**AIRPORT REMARKS:** Attended Mon-Fri 2200-0100Z±, Sat-Sun 1300-2100Z±. Arpt CLOSED nights. Rwy not snow plowed.

Call 716-307-8966 or 716-307-3581 for conditions. Deer and migratory birds on and invof arpt. Frequent air ambulance ops invof arpt on CTAF frequency. Rwy 10-28 width varies 80-100'.

AIRPORT MANAGER: (716) 307-3581**COMMUNICATIONS:** CTAF/UNICOM 122.8**CLEARANCE DELIVERY PHONE:** For CD ctc Cleveland ARTCC at 440-774-0227.

ONEONTA**ALBERT S NADER RGNL** (N66) 3 N UTC-5(-4DT) N42°31.49' W75°03.87'**NEW YORK**

1763 B LRA NOTAM FILE BUF

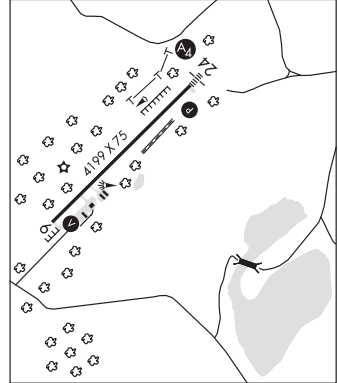
L-32G, 33A

RWY 06-24: H4199X75 (ASPH) S-12 MIRL 0.3% up SW

IAP

RWY 06: REIL. VASI(V4R)—GA 3.0° TCH 30'. Tree.**RWY 24:** MALS. REIL. PAPI(P2L)—GA 3.0° TCH 51'. Fence.**SERVICE:** S4 **FUEL** 100LL, JET A, A+ **LGT** Rwy 24 REIL OTS indef.

ACTIVATE MALS Rwy 24, REIL Rwy 06 and Rwy 24, VASI Rwy 06 and Rwy 24, MIRL Rwy 06-24—CTAF.

AIRPORT REMARKS: Attended Mon-Fri 1400-2200Z. Bcn twr partially obscured by trees. Ldg fee.**AIRPORT MANAGER:** (607) 431-1076**WEATHER DATA SOURCES:** AWOS-3 119.575 (607) 643-0253.**COMMUNICATIONS:** CTAF/UNICOM 122.8**BOSTON CENTER APP/DEP CON** 133.25**CLEARANCE DELIVERY PHONE:** For CD ctc Boston ARTCC at 603-879-6859.**RADIO AIDS TO NAVIGATION:** NOTAM FILE BUF.**ROCKDALE (L) (L) VORW/DME** 112.6 RKA Chan 73 N42°27.98' W75°14.35' 077° 8.5 NM to fld. 2032/11W.**ORANGE CO** (See MONTGOMERY on page 222)**OSWEGO CO** (See FULTON on page 205)**OVID** (D82) 2 SE UTC-5(-4DT) N42°39.29' W76°47.78'**NEW YORK**

1062 NOTAM FILE BUF

RWY 01R-19L: H2800X40 (ASPH)**RWY 01R:** Trees.**RWY 19L:** Trees.**RWY 01L-19R:** 2200X60 (TURF)**RWY 01L:** Trees.**RWY 19R:** Trees.**SERVICE:** **FUEL** MOGAS**AIRPORT REMARKS:** Attended Apr-Nov dawn-dusk, Dec-Mar call arpt manager at 607-869-5601. Parachute Jumping. Arpt clsd to tran acft 1 Dec-1 Apr (annually). Emergency fuel only, ctc arpt manager (607)869-5601. Turf Rwy 19R thld begins 470' byd paved Rwy 19L thld. Rwy 01L-19R soft and wet Mar-Jun. Use Rwy 19L for calm wind lds. Rwy 19L slopes uphill.**AIRPORT MANAGER:** 607-869-5601**COMMUNICATIONS:** CTAF/UNICOM 122.8**CLEARANCE DELIVERY PHONE:** For CD ctc Cleveland ARTCC at 440-774-0490.**OWASCO AIRFIELD** (See MORAVIA on page 223)**PAWLING** N41°46.19' W73°36.03' NOTAM FILE ISP.**NEW YORK**

(L) (L) VORW/DME 114.3 PWL Chan 90 247° 27.7 NM to New York Stewart Intl. 1250/12W.

H-10I, L-33B, 34I

PENN YAN/YATES CITY (PEO)(KPEO) 1 S UTC-5(-4DT) N42°38.23' W77°03.17'

DETROIT

988 B NOTAM FILE PEO

H-11C, 12I, L-30I, 32F

RWY 01-19: H5499X100 (ASPH-GRVD) S-82.6, D-112, 2D-195

PCN 33 F/C/Y/T MIRL 1.3% up S

RWY 01: REIL. PAPI(P2L)—GA 3.0° TCH 28'. Fence.

RWY 19: REIL. PAPI(P2L)—GA 3.0° TCH 40'. Trees.

RWY 10-28: H3561X50 (ASPH) S-12.5 PCN 4 F/B/X/U LIRL
1.6% up E

RWY 10: PAPI(P2L)—GA 3.0° TCH 40'. Thld dsplcd 361'. Pole.

RWY 28: PAPI(P2R)—GA 3.5° TCH 43'. Thld dsplcd 383'. Pole.

SERVICE: S4 FUEL 100LL, JET A OX3, 4 LGT ACTIVATE PAPI Rwy 01,
Rwy 19, Rwy 10, Rwy 28; MIRL Rwy 01-19; LIRL Rwy 10-28—CTAF.

AIRPORT REMARKS: Attended Mon-Fri 1300-2200Z, Sat 1400-2000Z,
Sun 1400-2000Z. Self svc avbl 24/7. Due to topography, acft to acft
gnd coms ltd. Acft cannot be seen or heard on opposite ends of Rwy
01-19. Use extrm ctn. The pavement section for Rwy 10-28 is greater
than the required thickness for the fleet of acft that currently utilize the
rwy. The PCN listed is the largest acft classification number for the
current acft using Rwy 10-28. FBO lctd cntr fld. Lobby acs 24/7.
Helicopter airframe repairs. Type I and Type VI de-ice avbl.

AIRPORT MANAGER: 315-536-4471

WEATHER DATA SOURCES: ASOS 121.175 (315) 536-4102.

COMMUNICATIONS: CTAF/UNICOM 123.0

Ⓡ ELMIRA APP/DEP CON 124.3 (1100-0500Z)

CLEVELAND CENTER APP/DEP CON 127.475 (0500-1100Z)

CLEARANCE DELIVERY PHONE: For CD ctc elmyra Apch at 607-739-1971, when Apch clsd ctc Cleveland ARTCC at
440-774-0231.

RADIO AIDS TO NAVIGATION: NOTAM FILE ITH.

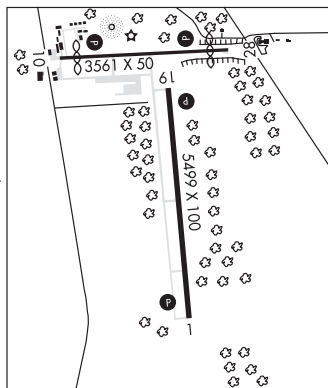
ITHACA (L) DME 111.8 ITH Chan 55 N42°29.70' W76°27.58' 288° 27.6 NM to fld. 1112.

DME unusable:

360°-160° byd 20 NM blo 6,500'

NDB (MHW) 260 PYA N42°38.64' W77°03.37' at fld. 857/12W. NOTAM FILE PEO.

NDB unmnt



PERRY-WARSAW (Ø1G) 3 NW UTC-5(-4DT) N42°44.48' W78°03.13'

DETROIT

1558 B NOTAM FILE BUF

L-30I, 31E, 32F

RWY 10-28: H3429X60 (ASPH) MIRL

RWY 10: REIL. Tree.

RWY 28: REIL. Thld dsplcd 639'. Trees.

RWY 04-22: 1806X60 (TURF) 0.5% up NE

RWY 04: Trees.

RWY 22: Fence.

SERVICE: S4 FUEL 100LL LGT ACTVT REIL Rwy 10 and 28; MIRL Rwy 10-28—CTAF.

AIRPORT REMARKS: Attended Mon-Fri irregularly. 100LL fuel 24 hrs self svc. Parachute jumping. First 700' Rwy 28 slopes
uphill. First 1,700' of Rwy 10 slopes uphill. Rwy 28 has 8' dropoff both sides, 200' dstc. Rwy 04 safety area drops off
100' before rwy beg, at 125' L and R of cntrln. Turf Rwy 04-22 may be unusbl Oct-May. Rwy 04-22 uneven. Rwy and
twy crossings ruf. Rwy soft and wet Mar-Jun. Call for ficons. Parallel twy unlgtd.

AIRPORT MANAGER: 585-237-9938

COMMUNICATIONS: CTAF/UNICOM 122.8

CLEARANCE DELIVERY PHONE: For CD ctc Cleveland ARTCC at 440-774-0490.

RADIO AIDS TO NAVIGATION: NOTAM FILE BUF.

GENESE (L) (L) VOR/DME 108.2 GEE Chan 19 N42°50.06' W77°43.97' 258° 15.2 NM to fld. 990/9W.

VOR portion unusable:

208°-224° byd 29 NM blo 5,000'

225°-230°

231°-245° byd 29 NM blo 5,000'

DME unusable:

115°-120° byd 29 NM blo 4,000'

140°-155° byd 30 NM blo 5,000'

PHILMONT N42°15.19' W73°43.40' NOTAM FILE BTV.

NEW YORK

NDB (MHW) 272 PFH 027° 2.4 NM to Columbia Co. 340/13W.

L-33B, 34I

PINE HILL (See ALBION on page 189)

PISECO (KØ9) 1 N UTC-5(-4DT) N43°27.20' W74°30.90'
1703 NOTAM FILE BUF

NEW YORK
L-32G
IAP

RWY 04-22: H3016X60 (ASPH) S-8 MIRL 0.3% up NE
RWY 04: REIL. PAPI(P2L)—GA 3.8° TCH 52'. Trees. Rgt tfc.
RWY 22: REIL. Trees.

SERVICE: FUEL 100LL LGT ACTVT REIL Rwy 04 and 22; PAPI Rwy 04; MIRL Rwy 04-22; helipad perimeter lgts—CTAF. Rwy 04 PAPI unusbl byd 9 degs right of cntrln. Rwy lgts (electric eye over-ride).

AIRPORT REMARKS: Attended May-Oct, Sat-Sun 1400-2200Z. Airport unattended Nov-Apr. Large birds, deer, bears occasionally vcty rwy during summer months. Expect turbulence and downdrafts during periods of strong crosswinds. Area not maintained for ski equipped acft. Rwy 04-22 may be unusable due to snow accumulation Nov-Apr. Check NOTAMS or call 518-548-3415 for afld conditions. Acft departing Rwy 22 are requested to maintain rwy heading until past Island checkpoint, prior to making left turn. Acft arriving maintain rgt downwind heading until past Island checkpoint. Rwy lgts (electric eye over-ride).

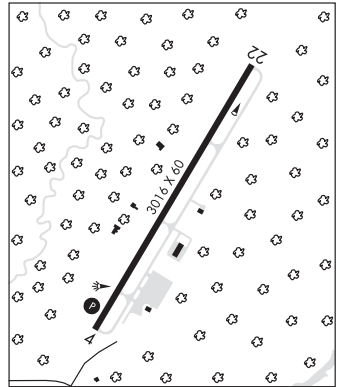
AIRPORT MANAGER: 518-548-3415
COMMUNICATIONS: CTAF/UNICOM 122.8

Ⓡ BOSTON CENTER APP/DEP CON 135.25

CLEARANCE DELIVERY PHONE: For CD ctc Syracuse Apch at 315-455-6218.

RADIO AIDS TO NAVIGATION: NOTAM FILE BUF.

UTICA (L) TACAN Chan 49 UCA (111.2) N43°01.59' W75°09.87' 048° 38.3 NM to fld. 1420/0W.



HELIPAD H1: H40X40 (ASPH) PERIMETER LGTS

HELIPAD H1: RLLS.

HELIPORT REMARKS: Helipad H1 perimeter lgts

PLATEAU SKY RANCH (See EDINBURG on page 199)

PLATTSBURGH INTL (PBG)(KPBG) 3 S UTC-5(-4DT) N44°39.06' W73°28.09'

MONTREAL
H-11C, 12K, L-32G
IAP, AD

234 B ARFF Index—See Remarks NOTAM FILE PBG

RWY 17-35: H11759X200 (ASPH-GRVD) S-119, D-174, 2S-175, 2D-510, 2D/2D2-780

PCN 57 F/C/W/T HIRL

RWY 17: REIL. PAPI(P4L)—GA 3.0° TCH 40'. Tree. Rgt tfc. 0.8% down.

RWY 35: MALSR. PAPI(P4L)—GA 3.0° TCH 55'. Tree. 0.5% up.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 17: TORA-11759 TODA-11759 ASDA-11759 LDA-11759

RWY 35: TORA-11759 TODA-11759 ASDA-11759 LDA-11759

SERVICE: S1 FUEL 100LL, JET A OX3 LGT ACTIVATE MALSR Rwy 35 REIL Rwy 17, HIRL Rwy 17-35 and twy lgts—CTAF.

AIRPORT REMARKS: Attended 1030-0230Z. During periods of snow removal ops Nov 1-May 1 acft ctc 122.7 or 518-335-3279 15 min prior to ldg. Class I, ARFF Index B. PPR 24 hrs for unsked acft ops with more than 30 psgr seats. Index E coverage is avbl upon req. 24 hrs prior notice rqrd. Call amgr at 518-565-4008 or 518-335-3735. PPR and ARFF Index E call 518-335-3735. Expect downdrafts and turbulence during periods of strong cross winds. Acft arriving or departing PBG must announce intentions on CTAF. User fee arpt. Ldg fees for acft over 12,500 lbs max gross ldg weight; no ldg fee for government acft. US Cust avbl Mon-Fri, 1300-2100Z. PPR 24 hours for aft hours; ctc CBP Supvr @ 518-324-5617. Skydiving ops southeast of arpt, invof BFO.

AIRPORT MANAGER: 518-565-4794

WEATHER DATA SOURCES: ASOS 132.225 (518) 324-5539.

COMMUNICATIONS: CTAF/UNICOM 122.7

Ⓡ BURLINGTON APP/DEP CON 121.1 (1030-0500Z)

Ⓡ BOSTON CENTER APP/DEP CON 120.35 (0500-1030Z)

CLNC DEL 121.85

CLEARANCE DELIVERY PHONE: For CD ctc Burlington Apch at 802-657-4413, when Apch clsd ctc Boston ARTCC at 603-879-6859.

CONTINUED ON NEXT PAGE

CONTINUED FROM PRECEDING PAGE

RADIO AIDS TO NAVIGATION: NOTAM FILE BTV.

BURLINGTON (VL) (L) VORW/DME 117.5 BTW Chan 122 N44°23.83' W73°10.96' 336° 19.5 NM to fld. 417/15W.

VOR unusable:

030°-086° byd 40 NM
 075°-132° byd 30 NM blo 9,000'
 087°-097° byd 40 NM blo 9,000'
 087°-097° byd 49 NM
 098°-169° byd 40 NM
 133°-165° byd 30 NM blo 8,000'
 170°-180° byd 40 NM blo 5,800'
 170°-180° byd 47 NM
 181°-196° byd 40 NM
 244°-292° byd 40 NM
 340°-010° byd 40 NM

DME unusable:

075°-132° byd 30 NM blo 9,000'
 133°-165° byd 30 NM blo 8,000'

ILS/DME 109.7 I-FQV Chan 34 Rwy 35. Class IE.

PLAZZ N42°52.43' W78°48.99' NOTAM FILE GBD.

NDB (LOMW) 204 GB 052° 5.5 NM to Buffalo Niagara Intl. 593/9W.

DETROIT

L-31E

PORT WASHINGTON

SANDS POINT SPB (7N3) 2 NW UTC-5(-4DT) N40°49.65' W73°43.03'

00 NOTAM FILE ISP

WATERWAY 01W-19W: 6000X300 (WATER)

WATERWAY 12W-30W: 6000X300 (WATER)

SEAPLANE REMARKS: Attended Apr 1-Nov 1 1300Z±-dusk. Numerous +60' sailboats and masts.

AIRPORT MANAGER: 516-883-7800

COMMUNICATIONS: CTAF 122.9

CLEARANCE DELIVERY PHONE: For CD ctc New York Apch at 516-683-2849.

NEW YORK

COPTER

POTSDAM MUNI/DAMON FLD (PTD)(KPTD) 2 E UTC-5(-4DT) N44°40.60' W74°56.91'

474 B TPA-1274(800) NOTAM FILE PTD

RWY 06-24: H3703X75 (ASPH) S-30 MIRL

RWY 06: REIL. PAPI(P2L)-GA 3.0° TCH 45'. Tree.

RWY 24: REIL. PAPI(P2L)-GA 3.0° TCH 45'. Trees.

SERVICE: S4 FUEL 100LL, JET A LGT ACTVT REIL Rwy 06 and 24; PAPI Rwy 06 and 24; MIRL Rwy 06-24; sky lghts-CTAF.

NOISE: Noise abatement procs in effect-left turn when able departing Rwy 24.

AIRPORT REMARKS: Unattended. Deer on and invof arpt. Expect flt training ops invof arpt. Fuel 24 hr self-serve. Rwy condition not monitored, recommend visual inspection prior to use.

AIRPORT MANAGER: 315-268-1000

WEATHER DATA SOURCES: AWOS-3P 118.325 (315) 265-6106.

COMMUNICATIONS: CTAF/UNICOM 122.8

® BOSTON CENTER APP/DEP CON 135.25

CLEARANCE DELIVERY PHONE: For CD ctc Boston ARTCC at 603-879-6859.

RADIO AIDS TO NAVIGATION: NOTAM FILE MSS.

MASSENA (H) TACAN Chan 88 MSS (114.1) N44°54.87' W74°43.36' 228° 17.2 NM to fld. 198/14W.

NDB (MHW) 400 PTD N44°43.40' W74°52.96' 239° 4.0 NM to fld. 360/14W. NOTAM FILE PTD.

NDB unusable:

Byd 20 NM

MONTREAL

L-32G

IAP

POUGHKEEPSIE

HUDSON VALLEY RGNL (POU)(KPOU) 4 S UTC-5(-4DT) N41°37.60' W73°53.05'

NEW YORK

164 B TPA—See Remarks ARFF Index—See Remarks NOTAM FILE POU

H-101, 121, L-33B, 341

RWY 06-24: H5001X100 (ASPH-GRVD) S-50, D-60, 2D-110

IAP, AD

PCN 42 F/D/W/T HIRL

RWY 06: MALSR. PAPI(P4L)—GA 3.0° TCH 57'. Tree.

RWY 24: REIL. PAPI(P4L)—GA 3.42° TCH 57'. Thld dspldc 115'. Tree.

RWY 15-33: H2743X100 (ASPH-CONC) S-35, D-45, 2D-80

PCN 26 F/D/W/T MIRL 0.3% up SE

RWY 15: Trees.

RWY 33: REIL. VASI(V4L)—GA 3.75° TCH 64'. Trees.

RWY 07-25: 1357X100 (TURF)

RWY 25: Antenna.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 06: TORA-5001 TODA-5001 ASDA-5001 LDA-5001

RWY 15: TORA-2743 TODA-2743 ASDA-2743 LDA-2743

RWY 24: TORA-5001 TODA-5001 ASDA-5001 LDA-4886

RWY 33: TORA-2743 TODA-2743 ASDA-2743 LDA-2743

SERVICE: S4 FUEL 100LL, JET A **LGT** When twr clsd ACTVT MALSR

Rwy 06, REIL Rwy 24, HIRL Rwy 06-24—CTAF. Rwy 33 use of VASI rstd to category A acct only.

NOISE: Noise abatement procedures in effect, ctc arpt manager for details.

AIRPORT REMARKS: Attended 1200-0230Z†. Deer and birds on and in/ov arpt. Rwy 07-25 CLOSED nghts, during IMC and fm Nov 1-Apr 15. Rwy 15-33 clsd to sked acr ops with more than 9 pax seats and non sked acr ops with more than 30 pax seats exp for taxi. Ctc FBO during business hrs at 845-849-3770 for after hrs fuel svc. TPA-1197(1034) small acft 1997(1834) large acft. Rwy 07-25 rstd to acft less than 12,500 lbs. Class IV, ARFF Index A. PPR 24 hrs for air carrier ops with more than 30 passenger seats call arpt manager 845-463-6000. Index B coverage is provided. Twy C, Twy G t-hngr txl, and Twy J t-hngr txl clsd to air carrier acft. Ground soft in tie down areas. Rwy 06 touch and go Indg and practice apchs prohibited due to obscd line of sight fm ATCT. Ldg fee for multi-engine acft.

AIRPORT MANAGER: 845-463-6000

WEATHER DATA SOURCES: ASOS 126.75 (845) 462-0648. LAWRS.

COMMUNICATIONS: CTAF 124.0 ATIS 126.75 UNICOM 122.95

POUGHKEEPSIE RCO 122.2 (NEW YORK RADIO)

® **NEW YORK APP/DEP CON** 132.75

TOWER 124.0 (1200-0300Z† 15 May-14 Sept, 1200-0200Z† 15 Sept-14 May) **GND CON** 121.8 **CLNC DEL** 121.8

CLEARANCE DELIVERY PHONE: For CD when ATCT clsd ctc New York Apch at 516-683-2448 or 121.8.

AIRSPACE: CLASS D svc 1200-0300Z† 15 May-14 Sep, 1200-0200Z† 15 Sep-14 May; other times CLASS E.

RADIO AIDS TO NAVIGATION: NOTAM FILE ISP.

KINGSTON (VL) (L) VOR/DME 117.6 IGN Chan 123 N41°39.93' W73°49.33' 242° 3.6 NM to fld. 581/12W.

VOR unusable:

008°-018° byd 40 NM blo 4,000'

008°-018° byd 70 NM

020°-123° byd 40 NM

045°-050° byd 35 NM blo 4,300'

070°-140° byd 30 NM blo 3,400'

130°-148° byd 40 NM

243°-253° byd 40 NM

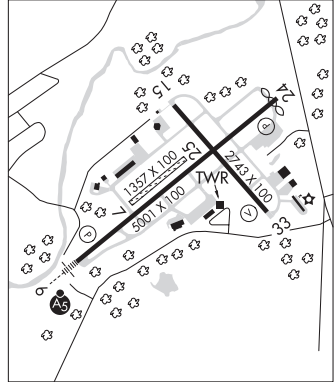
275°-310° byd 40 NM

311°-321° byd 40 NM blo 6,000'

311°-321° byd 64 NM

322°-001° byd 40 NM

ILS 111.3 I-POU Rwy 06. Class IA. Unmonitored when ATCT clsd.



POUGHKEEPSIE N41°37.60' W73°53.02'

NEW YORK

RCO 122.2 (NEW YORK RADIO)

L-33B, 341

PRATT'S EASTERN DIVIDE (See SHERMAN on page 245)

RANDALL (See MIDDLETOWN on page 220)

RENSELAER CO (See TROY on page 251)

REPUBLIC (See FARMINGDALE on page 203)

ROCHESTER

FREDERICK DOUGLASS/GREATER ROCHESTER INTL (ROC)(KROC) P (ARNG) 3 W5

DETROIT
H-10H, 11C, 12J, L-31E, 32F
IAP, AD

UTC-5(-4DT) N43°07.15' W77°40.31'
559 B TPA—See Remarks AOE Class I, ARFF Index C NOTAM FILE ROC

RWY 04-22: H8001X150 (ASPH-GRVD) S-126, D-160, 2D-265

PCN 55 R/C/X/T HIRL CL

RWY 04: ALSF2. TDZL. RVR-TR Trees. 0.3% up.

RWY 22: MALS. PAPI(P4L)—GA 3.0° TCH 67'. RVR-TR Tree. Rgt tfc. 0.5% down.

RWY 10-28: H6402X150 (ASPH-GRVD) S-126, D-160, 2D-265

PCN 47 R/C/X/T HIRL

RWY 10: REIL. PAPI(P4L)—GA 3.0° TCH 53'. RVR-TR Thld dsplcd 298'. Trees. Rgt tfc.

RWY 28: MALS. PAPI(P4L)—GA 3.0° TCH 57'. RVR-TR Thld dsplcd 600'. Trees.

RWY 07-25: H4000X100 (ASPH) S-32, D-42 PCN 95 F/C/X/T MIRL

RWY 07: REIL. Pole. Rgt tfc.

RWY 25: REIL. PAPI(P4R)—GA 3.0° TCH 40'. Tree.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 04: TORA-8001 TODA-8001 ASDA-8001 LDA-8001

RWY 07: TORA-4000 TODA-4000 ASDA-4000 LDA-4000

RWY 10: TORA-6402 TODA-6402 ASDA-5802 LDA-5502

RWY 22: TORA-8001 TODA-8001 ASDA-8001 LDA-8001

RWY 25: TORA-4000 TODA-4000 ASDA-4000 LDA-4000

RWY 28: TORA-6402 TODA-6402 ASDA-6402 LDA-5802

ARRESTING GEAR/SYSTEM

RWY 28: EMAS

SERVICE: S4 FUEL 100LL, JET A, J8 OX 1, 2, 3, 4 LGT REIL Rwy 07, REIL Rwy 10 and Rwy 25 REIL controlled by twr but not monitored. PAPI Rwy 22, PAPI Rwy 10, Rwy 25 and Rwy 28 operate 24 hrs. **MILITARY—A-GEAR** Rwy 28 EMAS 368' x 160'. FUEL J8(Mil) (NC-100LL, A)

AIRPORT REMARKS: Attended continuously. J8 avbl for DoD acft. Birds, deer and coyote on and in/ov arpt. Be alert during ldg/tkf Rwy 25 and Rwy 28 thlds in close proximity to each other. No practice apchs or maintenance engine run-ups between 0400-1100Z±. +80' obstruction lgt'd twr 1250' west of Rwy 04-22 centerline 1000' south of extdd centerline Rwy 10-28. Multiple unshielded lgts in final apch area Rwy 28. Terminal ramp is uncontrolled. Do not call for push/power back. Advise ground control when ready to taxi for departure. Twy F from Twy F1 to Rwy 07 clsd to acft with wingspan greater than 100'. Rwy 07-25 clsd to sked acr ops more than 9 pax seats and non sked acr ops more than 30 pax seats. TPA-1400(841) single engine, 2000(1441) multi-engine/turbojet/jet. Ldg fee. Flight Notification Service (ADCUS) avbl.

NOTE: See Special Notices—Arrival Alert.

AIRPORT MANAGER: 585-753-7056

WEATHER DATA SOURCES: ASOS 124.825 (585) 235-7322. WSP.

COMMUNICATIONS: ATIS 124.825 UNICOM 122.95

ROCHESTER RCO 122.6 (BUFFALO RADIO)

Ⓡ APP/DEP CON 119.55 (330°-160°) 123.7 (161°-329°)

TOWER 118.3 GND CON 121.7 CLNC DEL 118.8 PRE TAXI CLNC 118.8

AIRSPACE: CLASS C svc ctc APP CON.

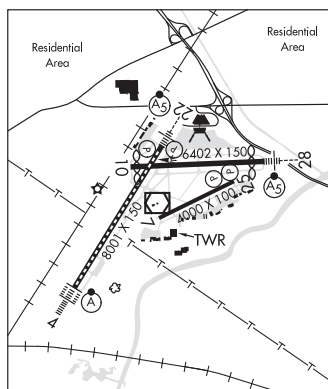
RADIO AIDS TO NAVIGATION: NOTAM FILE ROC.

ROCHESTER (L) (L) VOR/DME 110.0 ROC Chan 37 N43°07.08' W77°40.37' at fld. 545/12W.

ILS 110.7 I-MCU Rwy 04. Class IIE.

ILS 110.7 I-MWD Rwy 22. Class IT.

ILS/DME 109.5 I-ROC Chan 32 Rwy 28. Class IC.



ROCKDALE N42°27.98' W75°14.35' NOTAM FILE BUF.

NEW YORK

(L) (L) VOR/DME 112.6 RKA Chan 73 077° 8.5 NM to Albert S Nader Rgnl. 2032/11W.

H-10I, 11C, 12J, L-32F, 33A

ROME

BECKS GROVE (K16) 8 NW UTC-5(-4DT) N43°15.05' W75°36.26'

NEW YORK

450 NOTAM FILE BUF

L-32F

RWY 06-24: H3000X23 (ASPH) S-12 RWY LGTS(NSTD)

RWY 06: Trees.

RWY 24: Road.

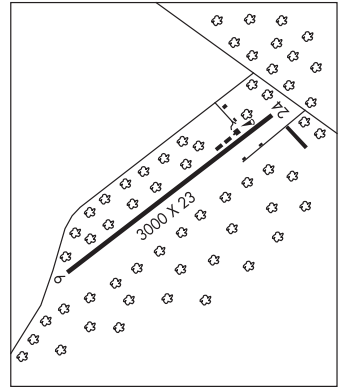
SERVICE: LGT Rwy edge lights activate upon request.

AIRPORT REMARKS: Attended Mon-Fri dalgth hrs. Large birds (turkeys) and deer on and invof Rwy 06-24. Rwy edge lights are not centered on pavement on approach to Rwy 06. Note that bldg, bushes are 45-55' north of centerline at 495' from Rwy 24 thld.

AIRPORT MANAGER: 315-271-6726

COMMUNICATIONS: CTAF/UNICOM 122.8

CLEARANCE DELIVERY PHONE: For CD ctc Syracuse Apch at 315-455-6218.



GRIFFISS INTL (RME)(KRME) 1 NE UTC-5(-4DT) N43°14.03' W75°24.42'

NEW YORK

504 B ARFF Index—See Remarks NOTAM FILE RME

H-11G, 12K, L-32F

RWY 15-33: H11820X200 (ASPH-GRVD) S-100, D-240, 2D-500

IAP, AD

PCN 71 F/B/W/T HIRL

RWY 15: PAPI(P4L)—GA 3.0° TCH 55'. 0.3% down..

RWY 33: MALS. PAPI(P4L)—GA 3.0° TCH 56'. Rgt ttc.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 15: TORA-11820 TODA-11820 ASDA-11820 LDA-11820

RWY 33: TORA-11820 TODA-11820 ASDA-11820 LDA-11820

SERVICE: S4 FUEL 100LL, JET A LGT When twr clsd ACTIVATE MALS. Rwy 33, HIRL Rwy 15-33, and twy lgts —CTAF.

AIRPORT REMARKS: Attended 1200-0400Z±. Migratory bird alert Aug-Nov and Apr-May. Class IV, ARFF Index A. ARFF not prvdd from 0400-1200Z± w/o PPR. PPR 24 hrs for air carrier ops with more than 9 passenger seats outside of attendance schedule hrs call arpt manager 315-790-3072 or 315-272-5881. PPR 24 hrs for air carrier ops with more than 30 passenger seats call arpt manager 315-790-3072 or 315-272-5881. Index B is provided. Index C avbl upon request 315-790-3072 or 315-272-5881. Rwy 15-33 military assault ldg zone and precision instrument markings. Rwy 33 designated calm wind rwy. Portions of apron not visible from twr.

AIRPORT MANAGER: 315-736-4171

WEATHER DATA SOURCES: ASOS (315) 337-0379

COMMUNICATIONS: CTAF 118.1 ATIS 118.7 UNICOM 122.95

Ⓡ SYRACUSE APP/DEP CON 127.425

TOWER 118.1 (1200-0200Z±) **GND CON** 121.9

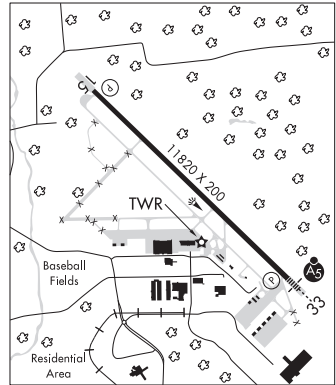
CLEARANCE DELIVERY PHONE: When ATCT clsd, for CD ctc Syracuse Apch at 315-455-6218

AIRSPACE: CLASS D svc 1200-0200Z±; other times CLASS E.

RADIO AIDS TO NAVIGATION: NOTAM FILE BUF.

UTICA (L) TACAN Chan 49 UCA (111.2) N43°01.59' W75°09.87' 319° 16.4 NM to fld. 1420/OW.

ILS/DME 110.1 I-RME Chan 38 Rwy 33. Class IT. LOC unusable byd 6.0 NM fm thld abv 4,200'. LOC unusable within thld abv 1,500'. Unmonitored when twr clsd.



ROUND LAKE (W57) 2 E UTC-5(-4DT) N42°55.87' W73°46.25'

NEW YORK

178 NOTAM FILE BTV

RWY 14-32: 1927X76 (TURF) 1.0% up SE**RWY 14:** Tree.**RWY 32:** Trees.**AIRPORT REMARKS:** Attended on call. Deer on and invof arpt. Arpt clsd to itinerant acft Nov-May. Rwy 14-32 has 80' trees rgt and left of centerline in primary sfc. Rwy 14-32 soft during spring (Mar-Jun). Military helicopters and ultralight acft use rwy. Access to arpt from lake overgrown. Ctc arpt mgr prior to seaplane arrival.**AIRPORT MANAGER:** 518-899-6316**COMMUNICATIONS:** CTAF/UNICOM 122.8**CLEARANCE DELIVERY PHONE:** For CD ctc Albany Apch at 518-862-2299.* * * * *
WATERWAY 14W-32W: 4000X600 (WATER)**ROYALTON** (See GASPORT on page 206)**SANDS POINT SPB** (See PORT WASHINGTON on page 238)**SARANAC LAKE****ADIRONDACK RGNL** (SLK)(KSLK) 4 NW UTC-5(-4DT) N44°23.12' W74°12.37'

MONTREAL

1663 B LRA ARFF Index—See Remarks NOTAM FILE SLK

H-11C, 12K, L-32G

RWY 05-23: H6573X150 (ASPH-GRVD) S-40, D-73, 2S-92, 2D-115

IAP, AD

PCN 64 F/B/W/T HIRL 0.3% up NE

RWY 05: PAPI(P4L)—GA 3.0° TCH 35'. Trees.**RWY 23:** MALSR. Trees.**RWY 09-27:** H3997X100 (ASPH) S-40, D-73, 2S-92, 2D-115

PCN 61 F/B/W/T MIRL

RWY 09: Trees.**RWY 27:** Thld dsplcd 400'. Trees.**RUNWAY DECLARED DISTANCE INFORMATION****RWY 05:** TORA-6573 TODA-6573 ASDA-6573 LDA-6573**RWY 09:** TORA-3997 TODA-3997 ASDA-3997 LDA-3997**RWY 23:** TORA-6573 TODA-6573 ASDA-6333 LDA-6333**RWY 27:** TORA-3997 TODA-3997 ASDA-3997 LDA-3597**SERVICE:** S4 FUEL 100LL, JET A LGT ACTIVATE HIRL Rwy 05-23,

MIRL Rwy 09-27, MALSR Rwy 23, PAPI Rwy 05 and twy

lghts—CTAF.

AIRPORT REMARKS: Attended May-Oct 1100-0200Z. Nov-Apr

1100-0100Z. For arpt attendant after hrs call 518-637-7329.

Class IV, ARFF Index A. PPR 48 hr for unscheduled acft ops with more

than 30 passenger seats call arpt manager 518-891-4600 ext 106.

Index B coverage is avbl. Twy B unavbl to acft with wingspan 79' and abv. Abv ground twy edge lghts adjacent to Twy B

tie down apron area. Rwy 09 NSTD markings, thld markings 400' from rwy end. Cold temperature airport. Altitude

correction required at or below -29C. Ldg fee.

AIRPORT MANAGER: 518-891-4600**WEATHER DATA SOURCES:** ASOS 124.175 (518) 891-6696.**COMMUNICATIONS:** CTAF/UNICOM 123.0

® BOSTON CENTER APP/DEP CON 120.35

CLEARANCE DELIVERY PHONE: For CD if una to ctc on freq, ctc Boston ARTCC at 603-879-6859.**RADIO AIDS TO NAVIGATION:** NOTAM FILE SLK.**SARANAC LAKE (L) DME** 109.2 SLK Chan 29 N44°23.07' W74°12.27' at fld. 1647.

DME unusable:

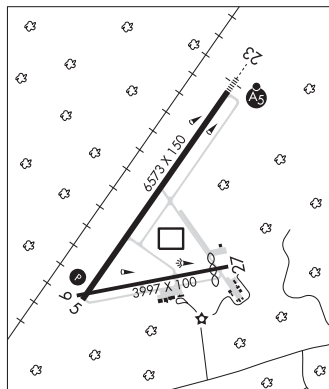
089°-104° byd 25 NM blo 10,000'

105°-110° byd 25 NM

111°-165° byd 25 NM blo 10,000'

300°-350° byd 36 NM blo 10,000'

ILS 108.9 I-SLK Rwy 23. Class IA. Unmonitored.

**SARATOGA CO** (See SARATOGA SPRINGS on page 243)

SARATOGA SPRINGS

SARATOGA CO (5B2) 3 SW UTC-5(-4DT) N43°03.04' W73°51.70'

NEW YORK
L-32G
IAP

434 B TPA-1201(767) LRA NOTAM FILE 5B2
RWY 05-23: H4699X100 (ASPH-CONC-GRVD) S-116, D-192
 PCN 46 F/A/X/T MIRL
RWY 05: REIL. Trees.
RWY 23: REIL. PAPI(P2L)—GA 3.0° TCH 43'. Trees.
RWY 14-32: H4000X100 (ASPH-CONC) S-83, D-126
 PCN 30 F/A/X/T MIRL
RWY 14: Trees.
RWY 32: Trees.

SERVICE: S4 **FUEL** 100LL, JET A **OX4** **LGT** ACTVT REIL Rwy 05-23;
 MIRL Rwy 05-23-CTAF. Rwy 14-32 rwy lgts OTS.

AIRPORT REMARKS: Attended 1230Z-dusk. Albany ANG helicopters do touch and go ldg ops usually during dalgt hrs. Glider activity on weekends and occasionally weekdays with extensive pre-launch and after ldg ground ops on shoulders of rwy in use. Year round federally and state protected habitat for Karner Blue Butterfly, unauthorized off-pavement ops prohibited. VASI clearance plane obstruction exists on Rwy 32 due to tree height.

AIRPORT MANAGER: 518-885-5470

WEATHER DATA SOURCES: AWOS-3 132.025 (518) 884-9289.

COMMUNICATIONS: CTAF/UNICOM 123.075

Ⓡ **ALBANY APP/DEP CON** 118.05

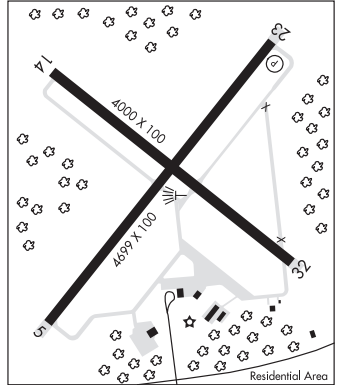
GCO 118.125 (ALBANY CLNC DEL)

CLEARANCE DELIVERY PHONE: For CD if GCO una ctc Albany Apch at 518-862-2299.

RADIO AIDS TO NAVIGATION: NOTAM FILE BTV.

CAMBRIDGE (L) (L) VORW/DME 115.0 CAM Chan 97 N42°59.66' W73°20.64' 293° 23.0 NM to fld. 1490/14W.

DME portion unusable:
 040°-130° blo 9,000'



SCHENECTADY CO (SCH)(KSCH) P (ANG) 3 N UTC-5(-4DT) N42°51.16' W73°55.77'

NEW YORK
H-11C, 12K, L-32G
IAP, AD

378 B LRA NOTAM FILE SCH
RWY 04-22: H7001X150 (ASPH-GRVD) S-95, D-175, 2D-348,
 2D/2D2-850 PCN 49 F/C/X/T HIRL 0.9% up NE
RWY 04: MALSR. PAPI(P4L)—GA 3.0° TCH 51'. Trees.
RWY 22: PAPI(P4L)—GA 3.0° TCH 50'. Ground.
RWY 10-28: H4850X150 (ASPH-GRVD) S-55, D-134, 2S-170,
 2D-218, 2D/D1-430, 2D/2D2-541, C5-559 PCN 36 F/C/X/T MIRL
RWY 10: PAPI(P2L)—GA 4.0° TCH 50'. Thld dspcd 200'. Road.
RWY 28: REIL. PAPI(P2L)—GA 3.0° TCH 50'. Trees.
SERVICE: S6 **FUEL** 100LL, JET A **OX2** **LGT** When twr clsd, ACTVT
 MALSR Rwy 04; PAPI Rwy 04, 10, 22 and 28; HIRL Rwy 04-22;
 MIRL Rwy 10-28-CTAF. **MILITARY—JASU** (A/M32A-86) (MA-1A)
 (AM32-95) **FUEL** A++(Mil) (NC-100LL, A) **FLUID** SP(Mil) LOX(Mil) OIL
 O-148-156(Mil).

NOISE: Noise abatement procedure in effect for large acft remaining in pattern ctc airfield manager for details.

AIRPORT REMARKS: Attended 1230-0330Z. Birds on and invof arpt. No ultra-light opr in Class D airspace without apvl from ATCT. Military C-130 pattern opr conducted daily. 60' dropoff 150' from Rwy 28 end. No fld or braking action reports avbl between 0330Z and 1230Z daily. Ldg fee for itinerant multi-engine acft requesting twr svc 0330-1200Z. Flight Notification Service (ADCUS) avbl.

AIRPORT MANAGER: (518) 399-0111

WEATHER DATA SOURCES: AWOS-3 119.275 (518) 399-6586.

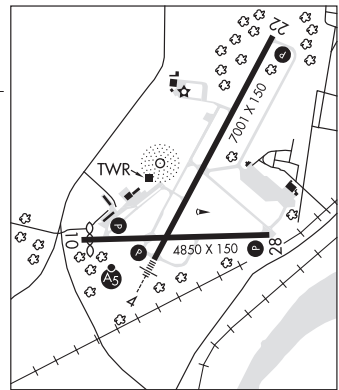
COMMUNICATIONS: CTAF 121.3 UNICOM 122.95

Ⓡ **ALBANY APP/DEP CON** 132.825

TOWER 121.3 (1230-0330Z Mon-Fri; 1230-0200Z wknds and hols; clsd Thanksgiving & Christmas; otr times by NOTAM)

GND CON 121.9

CLEARANCE DELIVERY PHONE: For CD ctc Albany Apch at 518-862-2299.



CONTINUED ON NEXT PAGE

CONTINUED FROM PRECEDING PAGE

AIRSPACE: CLASS D svc 1230-0330Z† Mon-Fri; 1230-0200Z† wknds and hols; clsd Thanksgiving & Christmas; otr times by NOTAM; other times CLASS G..

RADIO AIDS TO NAVIGATION: NOTAM FILE ALB.

ALBANY (L) (L) VORTACW 115.3 ALB Chan 100 N42°44.84' W73°48.19' 332° 8.4 NM to fld. 273/13W.

VOR unusable:

045°-065° byd 11 NM
 066°-069° byd 11 NM blo 10,000'
 078°-088° byd 20 NM blo 10,000'
 109°-121°
 121°-131° byd 30 NM
 121°-131° wi 30 NM blo 9,900'
 131°-168°
 184°-189°
 226°-269° byd 29 NM blo 15,000'
 312°-315°
 333°-343°

TACAN AZIMUTH unusable:

032°-042° byd 15 NM
 164°-168°
 303°-308° byd 37 NM
 308°-333°

DME unusable:

303°-308° byd 37 NM

HUNTER NDB (MHW) 356 HEU N42°51.25' W73°56.01' at fld. 332/14W. NOTAM FILE SCH.

ILS 109.7 I-SCH Rwy 04. Class 1B. Unmonitored when ATCT clsd.

COMM/NAV/WEATHER REMARKS: UNICOM use 122.95 for svc from FBO.

SCHROON LAKE (4B7) 2 N UTC-5(-4DT) N43°51.75' W73°44.43'

NEW YORK

834 NOTAM FILE BTW

L-32G

RWY 16-34: H3000X60 (ASPH) S-13

RWY 16: Thld dsplcd 100'. Road.

RWY 34: Trees.

AIRPORT REMARKS: Attended dalgt hrs. Debris from adjacent land fill is occasionally blown onto and across rwy. 25 ft dropoff 30 ft fm pavemant AER 34. Recommend ldg Rwy 16, tkf Rwy 34.

AIRPORT MANAGER: 518-532-7737

COMMUNICATIONS: CTAF 122.9

CLEARANCE DELIVERY PHONE: For CD ctc Boston ARTCC at 603-879-6859.

RADIO AIDS TO NAVIGATION: NOTAM FILE BTW.

BURLINGTON (VL) (L) VOR/DME 117.5 BTW Chan 122 N44°23.83' W73°10.96' 232° 40.1 NM to fld. 417/15W.

VOR unusable:

030°-086° byd 40 NM
 075°-132° byd 30 NM blo 9,000'
 087°-097° byd 40 NM blo 9,000'
 087°-097° byd 49 NM
 098°-169° byd 40 NM
 133°-165° byd 30 NM blo 8,000'
 170°-180° byd 40 NM blo 5,800'
 170°-180° byd 47 NM
 181°-196° byd 40 NM
 244°-292° byd 40 NM
 340°-010° byd 40 NM

DME unusable:

075°-132° byd 30 NM blo 9,000'
 133°-165° byd 30 NM blo 8,000'

SCHUYLERVILLE

GARNSEYS (B04) 1 S UTC-5(-4DT) N43°04.06' W73°35.03'

NEW YORK

100 NOTAM FILE BTW

RWY 02-20: 2500X90 (TURF)

RWY 02: Road.

RWY 20: Road.

AIRPORT REMARKS: Attended May-Sep dalgt hours. Arpt open dalgt hours only. Numerous buildings in apch to Rwy 20. Tiedowns located immediately north of driveway adjacent to Rwy 20 end.

AIRPORT MANAGER: 518-469-9472

COMMUNICATIONS: CTAF 122.9

CLEARANCE DELIVERY PHONE: For CD ctc Albany Apch at 518-862-2299.

• • • • •
WATERWAY 02W-20W: 9999X750 (WATER)

SENECA FALLS

FINGER LAKES RGNL (ØG7) 2 SE UTC-5(-4DT) N42°53.01' W76°46.87'

NEW YORK

492 B NOTAM FILE BUF

L-32F

RWY 01-19: H4592X75 (ASPH) S-12.5, D-30 MIRL

IAP

RWY 01: REIL. PAPI(P2L)—GA 3.0° TCH 40'. Thld dspcd 392'. Trees.

RWY 19: REIL. PAPI(P2L)—GA 3.0° TCH 40'. Crops.

RWY 11-29: 1850X60 (TURF) 1.3% up W

RWY 11: Trees.

RWY 29: Trees.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 01: TORA-4592 TODA-4592 ASDA-4592 LDA-4199

RWY 19: TORA-4592 TODA-4592 ASDA-4592 LDA-4292

SERVICE: S4 FUEL 100LL, JET A LGT ACTIVATE REIL Rwy 01 and Rwy 19; MIRL Rwy 01-19—CTAF.

AIRPORT REMARKS: Attended 1300-2100Z†. Medivac heliport flight svc on arpt, monitor CTAF for ops. Ldg fee. Ldg fee for jets and turbo props.

AIRPORT MANAGER: 315-539-1640

WEATHER DATA SOURCES: AWOS-3 120.0 (315) 568-5362.

COMMUNICATIONS: CTAF/UNICOM 122.8

Ⓡ ELMIRA APP CON 124.3 (SW-SE) (1100-0500Z†)

Ⓡ NEW YORK CENTER APP CON 133.35 (SW-SE) (0500-1100Z†)

Ⓡ ROCHESTER APP CON 119.55 (W-NW)

Ⓡ SYRACUSE APP/DEP CON 126.125

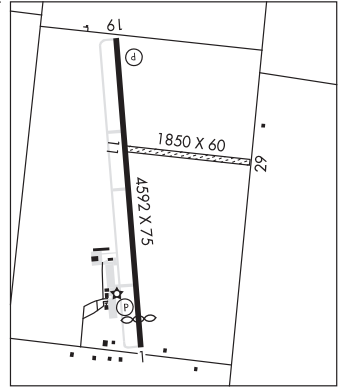
CLEARANCE DELIVERY PHONE: For CD ctc Syracuse Apch at 315-455-6218.

RADIO AIDS TO NAVIGATION: NOTAM FILE ITH.

ITHACA (L) DME 111.8 ITH Chan 55 N42°29.70' W76°27.58' 329° 27.3 NM to fld. 1112.

DME unusable:

360°-160° byd 20 NM blo 6,500'



SHARON (K31) 2 SE UTC-5(-4DT) N42°46.70' W74°34.66'

NEW YORK

1508 NOTAM FILE BUF

RWY 13-31: 2570X120 (TURF)

RWY 13: Thld dspcd 200'. Trees.

RWY 31: Trees.

AIRPORT REMARKS: Attended irregularly. P-line parallel on SW side of rwy 285 ft from rwy edge. Rwy shortened by 200' on the west end due to turf holes/crevasses. Trees encroaching NE side of rwy.

AIRPORT MANAGER: 518-284-2081

COMMUNICATIONS: CTAF/UNICOM 122.8

CLEARANCE DELIVERY PHONE: For CD ctc Syracuse Apch at 315-455-6218.

SHERMAN

PRATT'S EASTERN DIVIDE (D88) 4 W UTC-5(-4DT) N42°09.00' W79°41.15'

DETROIT

1640 NOTAM FILE BUF

RWY 08-26: 2600X75 (TURF)

RWY 08: Trees.

RWY 26: Trees.

AIRPORT REMARKS: Attended irregularly. Deer on and invof rwy. Ultralight on and invof arpt. There are 28' p-lines running along south side of Hazen Rd sighted 115' left and 495' from Rwy 08 end.

AIRPORT MANAGER: 814-725-5923

COMMUNICATIONS: CTAF 122.9

CLEARANCE DELIVERY PHONE: For CD ctc Buffalo Apch at 716-626-6920, when Apch clsd ctc Cleveland ARTCC at 440-774-0232.

SHIRLEY

BROOKHAVEN (HWV)(KHVW) 1 N UTC-5(-4DT) N40°49.32' W72°52.01'

NEW YORK
COPTER
L-33B, 341
IAP, AD

81 B NOTAM FILE HWV

RWY 15-33: H4222X150 (ASPH-CONC) S-52, D-70, 2S-89,
2D-120 MIRL

RWY 15: REIL. PAPI(P2L)—GA 3.0° TCH 47'. Trees.

RWY 33: REIL. PAPI(P2L)—GA 3.0° TCH 46'. Trees.

RWY 06-24: H4201X100 (ASPH) S-32, D-56, 2D-93 MIRL
0.3% up NE

RWY 06: MALSR. VASI(V4L)—GA 3.0° TCH 47'. Trees.

RWY 24: REIL. Trees.

SERVICE: S4 FUEL 100LL, JET A LGT All twy lgts opr. Actvt MALSR
Rwy 06; REIL Rwys 24, 15 and 33; PAPI Rwys 15 and 33; MIRL
Rwys 06-24 and 15-33—CTAF. Rwy 06 VGSJ and glidepath not
coincident.

AIRPORT REMARKS: Attended 1200-0000Z†. Parachute Jumping. Deer all
areas of arpt especially at ngt. Extensive parachute jumping activity
invol arpt. Upper air balloons launched 3 miles north of arpt 1100Z†
and 2300Z†. Glider ops dalgt hrs. Pilots be aware when conducting
practice ILS apchs, extensive lgt acct training on and invol arpt all hrs.
Glider use rgt tfc pat for Rwy 24 and Rwy 33, gliders use left tfc pat
for Rwy 06 and Rwy 15. TGL on hol, wkends and non-dalgt hrs not
rcmdd. Relocated thld is Taxiway Z1. Overnight ramp parking \$5.00.
Landing fees vary. See arpt website for more info.

AIRPORT MANAGER: 631-451-6299

WEATHER DATA SOURCES: ASOS 119.625 (631) 399-7095.

COMMUNICATIONS: CTAF/UNICOM 122.8

Ⓡ **NEW YORK APP/DEP CON** 120.05

CLNC DEL 133.2

CLEARANCE DELIVERY PHONE: For CD ctc New York Apch at 516-683-2449 or 133.2

RADIO AIDS TO NAVIGATION: NOTAM FILE ISP.

CALVERTON (L) (H) VORW/DME 114.55 CCC Chan 92(Y) N40°55.78' W72°47.93' 219° 7.2 NM to fld. 85/13W.

VOR unusable:

055°-075°

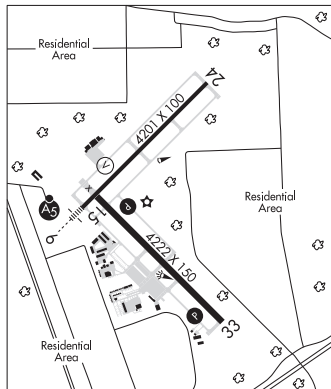
233°-268° byd 25 NM

269°-290°

DME unusable:

056°-066° byd 39 NM

ILS 108.95 I-HWV Rwy 06. Glideslope unmonitored. LOC unusable byd 4.6 NM fm thld abv 2,100'. LOC unusable
within thld abv 1,000'. LOC unusable within 0.5 NM.



SIDNEY MUNI (N23) 1 W UTC-5(-4DT) N42°18.16' W75°24.96'

NEW YORK
L-30K, 32F, 33A
IAP

1027 B LRA NOTAM FILE BUF

RWY 07-25: H4201X75 (ASPH) S-25, D-45 MIRL

RWY 07: REIL. Tree.

RWY 25: REIL. PAPI(P2R)—GA 3.66° TCH 48'. Tree. Rgt tfc.

SERVICE: S4 FUEL 100LL, JET A OX3, 4 LGT ACTIVATE MIRL Rwy
07-25 and REIL Rwys 07 and 25—CTAF.

AIRPORT REMARKS: Attended 1300-2200Z†. For attendant other times call
607-561-2346. Numerous hills surround arpt up to 800' abv arpt
elevation. High tension lines 1 NM from AER 07. Two ft high cement
fixtures in prim sfc in ditches 130 ft W of rwy. Fence 7 ft abv rwy end
325 ft of cntrln. Cold temperature airport. Altitude correction required
at or below -21C.

AIRPORT MANAGER: 607-561-2346

WEATHER DATA SOURCES: AWOS-3 118.275 (607) 561-2333.

COMMUNICATIONS: CTAF/UNICOM 122.8

Ⓡ **BOSTON APP/DEP CON** 133.25

CLEARANCE DELIVERY PHONE: For CD ctc Boston ARTCC at 603-879-6859.

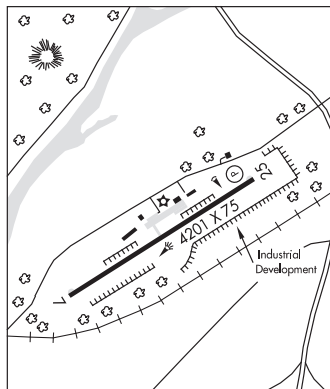
RADIO AIDS TO NAVIGATION: NOTAM FILE BUF.

DELANCEY (L) (L) VORW/DME 112.1 DNY Chan 58 N42°10.70'

W74°57.42' 301° 21.8 NM to fld. 2560/11W.

ROCKDALE (L) (L) VORW/DME 112.6 RKA Chan 73 N42°27.98'

W75°14.35' 230° 12.6 NM to fld. 2032/11W.



SKANEATELES AERO DROME (6B9) 2 SW UTC-5(-4DT) N42°54.84' W76°26.45'

NEW YORK

1039 TPA—1839(800) NOTAM FILE BUF

L-32F

RWY 04-22: 3350X130 (TURF) 0.8% up SW

IAP

RWY 04: Trees.

RWY 22: Fence.

RWY 10-28: H3134X58 (ASPH) S-9 MIRL(NSTD) 0.4% up W

RWY 10: REIL. Thld dspld 243'. Trees.

RWY 28: REIL. Trees.

SERVICE: FUEL 100LL LGT Arpt lgt OTS indef. ACTIVATE MIRL Rwy 10-28—CTAF.

AIRPORT REMARKS: Unattended, call manager. Fuel avbl 24 hr self svc credit card. Rwy 28 two 55' power poles 70' either side centerline 700' from thld. Rwy 04-22 avbl 15 May to 15 Oct. Rwy 10-28 NSTD MIRL. Lgts are 38' from pavement edge. Rwy 28 has 4 lgts out and 2 lgts very dim. One thld lgt is rotated 90° (red/green lens). Rwy 10 3' fence 20' from thld on both sides, 15' road 30' from thld on both sides and 4' fence 80' from thld on both sides. -10' culvert/ditch 50' left of centerline at thld. Rwy 04-22 has variations in rwy sfc.

AIRPORT MANAGER: 707-580-9240

WEATHER DATA SOURCES: AWOS-3P 120.125 (315) 685-5790.

COMMUNICATIONS: CTAF/UNICOM 122.8

® SYRACUSE APP/DEP CON 126.125

CLEARANCE DELIVERY PHONE: For CD etc Syracuse Apch at 315-455-6218.

RADIO AIDS TO NAVIGATION: NOTAM FILE SYR.

SYRACUSE (VH) (H) VORTACW 117.0 SYR Chan 117 N43°09.63' W76°12.27' 226° 18.1 NM to fld. 453/11W.

TACAN AZIMUTH unusable:

Byd 35 NM blo 4,000'

VOR unusable:

010°-025°

026°-066° byd 40 NM

067°-077° byd 30 NM

078°-133° byd 40 NM

134°-144° byd 19 NM

145°-216°

217°-227° byd 40 NM blo 18,000'

228°-288° byd 40 NM

289°-299° byd 40 NM blo 2,300'

289°-299° byd 47 NM

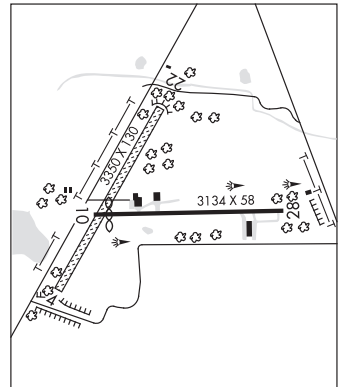
300°-351° byd 40 NM

352°-009° byd 40 NM blo 3,000'

352°-009° byd 57 NM

DME unusable:

Byd 35 NM blo 4,000'

**SKY ACRES** (See MILLBROOK on page 221)**SOUTH ALBANY** (See SOUTH BETHLEHEM on page 247)**SOUTH BETHLEHEM****SOUTH ALBANY** (4B0) 2 N UTC-5(-4DT) N42°33.64' W73°50.04'

NEW YORK

196 NOTAM FILE BTV

L-32G, 33B, 34I

RWY 01-19: H2853X60 (ASPH) LIRL 0.4% up N

IAP

RWY 01: RVR-T Thld dspld 150'. Fence.

RWY 19: RVR-R Thld dspld 124'. Road.

SERVICE: S4 FUEL 100LL, JET A LGT ACTVT LIRL Rwy 01-19 and windsock lgt—CTAF.

NOISE: Helicopter noise abatement procedures in effect. VFR dep maintain rwy hdg until reaching 500' AGL. Avoid arr and dep to/from the west.

AIRPORT REMARKS: Attended Nov-Mar 1300-2100Z†, Apr-Oct 1100-0200Z†. Birds on and in/ovf arpt. Arpt clsd to acct over 12,500 lbs. +17' railroad across centerline 200' S of Rwy 01.

AIRPORT MANAGER: (518) 281-5430

COMMUNICATIONS: CTAF 122.9

® ALBANY APP/DEP CON 118.05

CLEARANCE DELIVERY PHONE: For CD etc Albany Apch at 518-862-2299.

RADIO AIDS TO NAVIGATION: NOTAM FILE BTV.

CAMBRIDGE (L) (L) VORW/DME 115.0 CAM Chan 97 N42°59.66' W73°20.64' 234° 33.8 NM to fld. 1490/14W.

DME portion unusable:

040°-130° blo 9,000'

SOUTHAMPTON HELIPORT (87N) 5 SE N40°50.78' W72°27.98'

5 NOTAM FILE ISP

HELIPAD H1: H44X44 (ASPH)**NOISE:** Noise sensitive area due to houses nearby. No idling or waiting on helipad permitted.**HELIPORT REMARKS:** Attended continuously. Rwy H1; +4 FT stone wall 22 FT S; +15 FT road 25 FT S; +47 FT house 230 FT S. Rwy H1; +24' brush 65' SE; +31' AWOS tower 165' SE; +45' bldg 430' SE. Rwy H1; +52' bldg 550' SW. Ldg fee \$150 for less than 5,000 lbs max gross ldg weight and \$200 for greater than or equal to 5,000 lbs max gross ldg weight. Rwy H1 +3' concrete block, 53' NE of helipad. Rwy H1, +5' dune, 300' NW of helipad.**AIRPORT MANAGER:** 631-283-0247**COMMUNICATIONS:** CTAF 122.9① **NEW YORK APP/DEP CON** 125.975**CLEARANCE DELIVERY PHONE:** For CD ctc New York Apch at 516-683-2449**RADIO AIDS TO NAVIGATION:** NOTAM FILE HTO.**HAMPTON (H) (H) VORTACW** 113.6 HTO Chan 83 N40°55.14' W72°19.00' 250° 8.1 NM to fld. 22/13W.

DME unusable:

280°-325° byd 35 NM blo 1,700'

326°-355° byd 30 NM blo 2,000'

TACAN AZIMUTH unusable:

280°-325° byd 35 NM blo 1,700'

326°-355° byd 30 NM blo 2,000'

VOR unusable:

010°-240°

270°-332°

NEW YORK

COPTER

L-33C, 34I

IAP

**SPADARO** (See EAST MORICHES on page 199)**SPENCERPORT AIRPARK** (D91) 2 S UTC-5(-4DT) N43°10.17' W77°49.10'

614 NOTAM FILE BUF

RWY E-W: 2450X90 (TURF)**RWY E:** Trees.**RWY W:** Trees.**AIRPORT REMARKS:** Attended irregularly. Deer on and invof arpt. Rwy E-W soft in winter. For rwy conditions call 585-737-3018. +80' antenna 2270' distance, 10' S of cntrln.**AIRPORT MANAGER:** (585) 737-3018**COMMUNICATIONS:** CTAF 122.9**CLEARANCE DELIVERY PHONE:** For CD ctc Cleveland ARTCC at 440-774-0490.

DETROIT

SPRINGVILLE XNT N42°30.54' W78°39.52'/1418

AWOS-3P 122.8 (716) 592-4400 XNT AWOS-3P is associated with Betrand Chafee Hospital heliport 2NK6.

DETROIT

L-30I, 31E

STAATSBURG**AIRHAVEN** (Ø9N) 3 SE UTC-5(-4DT) N41°49.96' W73°52.57'

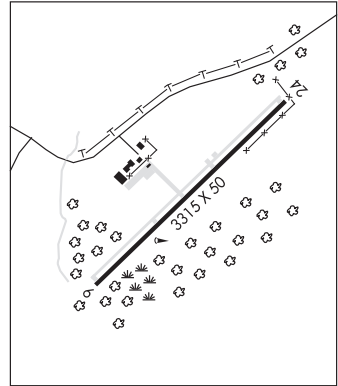
450 NOTAM FILE ISP

RWY 02-20: 1863X75 (TURF) 1.5% up N**RWY 02:** Tree.**RWY 20:** Trees.**AIRPORT REMARKS:** Unattended. Rwy not plowed in winter. Rwy 02-20 2' pvc reflective markers, blue markers at thld, all others along edges are white. Rwy 20 has +50' trees, 30' from thld, 50' left. Steep grades and drop-offs located in Rwy 02 safety area.**AIRPORT MANAGER:** 845-889-4717**COMMUNICATIONS:** CTAF 122.9**CLEARANCE DELIVERY PHONE:** For CD ctc New York Apch at 516-683-2448.

NEW YORK

STORMVILLE (N69) 1 NE UTC-5(-4DT) N41°34.62' W73°43.94'
 358 NOTAM FILE ISP
RWY 06-24: H3315X50 (ASPH) S-25 0.8% up NE
RWY 06: Trees.
AIRPORT REMARKS: Unattended. Geese on and invof rwy. Rwy 06-24 not plowed. Flee market obstns and material may be next to rwy ends. Rwy 06-24 wide cracks and weeds on rwy.
AIRPORT MANAGER: (845) 227-4444
COMMUNICATIONS: CTAF/UNICOM 122.8
 Ⓜ **NEW YORK APP/DEP CON** 132.75
CLEARANCE DELIVERY PHONE: For CD ctc New York Apch at 516-683-2448.

NEW YORK
 L-33B, 34I



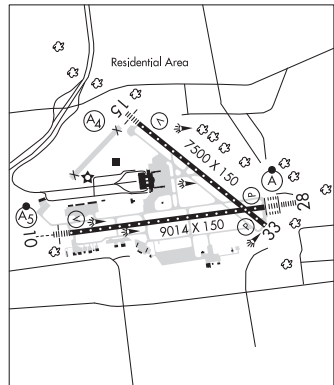
SUFFOLK CO N40°50.27' W72°37.91' NOTAM FILE FOK.
 (T) **TACAN** 111.0 FOK Chan 47 at Francis S Gabreski. 50/13W. TACAN unmonitored when twr clsd.
 No NOTAM MP: 1600-2000Z† Mon
 TACAN AZIMUTH unusable:
 028°-038° byd 8 NM blo 3,500'
 090°-155° byd 7 NM
 335°-345° byd 7 NM blo 3,500'

NEW YORK
 L-33B, 34I

SULLIVAN CO INTL (See MONTICELLO on page 223)

SYRACUSE HANCOCK INTL (SYR)(KSYR) P (ANG AR) 4 NE UTC-5(-4DT) N43°06.67'
 W76°06.38'
 421 B LRA Class I, ARFF Index C NOTAM FILE SYR
RWY 10-28: H9014X150 (ASPH-GRVD) S-115, D-156, 2D-257
 PCN 121F/B/W/T HIRL CL
RWY 10: MALSR. VASI(V4L)—GA 3.0° TCH 55'. RVR-TMR Trees.
RWY 28: ALSF2. TDZL. PAPI(P4R)—GA 3.0° TCH 60'. RVR-TMR Trees. 0.4% up.
RWY 15-33: H7500X150 (ASPH-GRVD) S-115, D-156, 2D-257
 PCN 143F/B/W/T HIRL CL
RWY 15: MALS. VASI(V4L)—GA 3.0° TCH 53'. RVR-R Trees.
RWY 33: PAPI(P4L)—GA 3.0° TCH 53'. RVR-T Tree.
RUNWAY DECLARED DISTANCE INFORMATION
RWY 10: TORA-9014 TODA-9014 ASDA-9014 LDA-9014
RWY 15: TORA-7500 TODA-7500 ASDA-7500 LDA-7500
RWY 28: TORA-9014 TODA-9014 ASDA-9014 LDA-9014
RWY 33: TORA-7500 TODA-7500 ASDA-7500 LDA-7500
SERVICE: S4 FUEL 100LL, JET A OX 1, 2, 3, 4 MILITARY—JASU
 2(A/M32A-86) 1(MC-1A) 2(MC-2A) 3(M32A-60A) 2(MC-11) FUEL
 A+ (NC-100LL, A)
NOISE: Noise abatement procedures in effect.
AIRPORT REMARKS: Attended continuously. Deer, coyote, birds on and invof arpt. No charter ops through passenger terminal bldg without prior permission. No jet engine maintenance runs abv idle between 0400-1100Z†. No tran acft parking on main terminal ramp. Rwy 28 touchdown RVR sensor shared by Rwy 33. Direct custom notification is required. Hrs of notification are Mon-Sat 1300-2200Z†. Arrivals outside of these hrs must make arrangements during regular work hrs, call 315-455-2271. UAS operate within the confines of the Syracuse Class C, times vary. UAS ops in Syracuse Apch/Dep airspace will be controlled by SYR ATC at all times.
AIRPORT MANAGER: 315-454-3263

NEW YORK
 H-11C, 12I, L-32F
 IAP, AD



CONTINUED ON NEXT PAGE

CONTINUED FROM PRECEDING PAGE

WEATHER DATA SOURCES: ASOS (315) 454-3350 WSP.

COMMUNICATIONS: ATIS 124.225 315-455-3444 UNICOM 122.95

RCO 122.4 (BUFFALO RADIO)

® APP/DEP CON 126.125 134.275

TOWER 120.3 GND CON 121.7 CLNC DEL 125.05

AIRSPACE: CLASS C svc ctc APP CON.

RADIO AIDS TO NAVIGATION: NOTAM FILE SYR.

(VH) (H) VORTACW 117.0 SYR Chan 117 N43°09.63' W76°12.27' 135° 5.2 NM to fld. 453/11W.

TACAN AZIMUTH unusable:

Byd 35 NM blo 4,000'

VOR unusable:

010°-025°

026°-066° byd 40 NM

067°-077° byd 30 NM

078°-133° byd 40 NM

134°-144° byd 19 NM

145°-216°

217°-227° byd 40 NM blo 18,000'

228°-288° byd 40 NM

289°-299° byd 40 NM blo 2,300'

289°-299° byd 47 NM

300°-351° byd 40 NM

352°-009° byd 40 NM blo 3,000'

352°-009° byd 57 NM

DME unusable:

Byd 35 NM blo 4,000'

ILS/DME 109.9 I-MRZ Chan 36 Rwy 10. Class IB. Monitored by ATCT.

ILS/DME 109.9 I-SYR Chan 36 Rwy 28. Class IIE.

TICONDEROGA MUNI (4B6) 2 NE UTC-5(-4DT) N43°52.64' W73°24.79'

NEW YORK

274 NOTAM FILE BTV

L-326

RWY 02-20: H4041X60 (ASPH) MIRL

IAP

RWY 02: REIL. PAPI(P2L)—GA 3.0° TCH 46'. Fence.

RWY 20: REIL. PAPI(P2L)—GA 3.0° TCH 45'. Trees. Rgt tfc.

SERVICE: FUEL 100LL LGT Rwy 02 2 thld lgts OTS indef. ACTIVATE

MIRL Rwy 02-20, PAPI Rwy 02 and Rwy 20, REIL Rwy 02 and Rwy 20—CTAF.

AIRPORT REMARKS: Unattended. Winter opr Dec-Mar call for rwy conditions.

100LL self svc credit. Arpt fees—hangar, tie down, ldg for part 135, jet/turbine. Rwy 02 50' trees 1150' from rwy end 50' left. Wildlife on and invof arpt.

AIRPORT MANAGER: 518-585-6265

COMMUNICATIONS: CTAF/UNICOM 122.8

® BOSTON CENTER APP/DEP CON 135.7

CLEARANCE DELIVERY PHONE: For CD ctc Boston ARTCC at 603-879-6859.

RADIO AIDS TO NAVIGATION: NOTAM FILE BTV.

BURLINGTON (VL) (L) VORW/DME 117.5 BTW Chan 122 N44°23.83'

W73°10.96' 213° 32.7 NM to fld. 417/15W.

VOR unusable:

030°-086° byd 40 NM

075°-132° byd 30 NM blo 9,000'

087°-097° byd 40 NM blo 9,000'

087°-097° byd 49 NM

098°-169° byd 40 NM

133°-165° byd 30 NM blo 8,000'

170°-180° byd 40 NM blo 5,800'

170°-180° byd 47 NM

181°-196° byd 40 NM

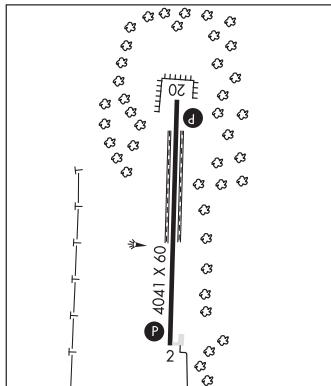
244°-292° byd 40 NM

340°-010° byd 40 NM

DME unusable:

075°-132° byd 30 NM blo 9,000'

133°-165° byd 30 NM blo 8,000'



TRI-CITIES (See ENDICOTT on page 202)

TROY**RENSELAER CO** (5B7) 6 SE UTC-5(-4DT) N42°41.50' W73°34.80'

NEW YORK

440 NOTAM FILE BTV

RWY 18-36: H2670X50 (ASPH) S-8**RWY 18:** Trees.**RWY 36:** Trees.

AIRPORT REMARKS: Unattended. Tran acft call 518-596-5947 for fld conditions prior to arrival. Deer and birds on and in/ov arpt. Surrounding terrain slopes down to rwy, due to higher surrounding terrain recommend use of the following procedures, departing Rwy 36, use best angle of climb speed until well clear of residential area north of Rwy 36, arrivals Rwy 18 maintain sufficient alt on final so as to avoid low alt and/or high power over residential area which underlies final apch to Rwy 18. Departures Rwy 18 and arrivals Rwy 36 use normal procedures. Rwy 18-36 widespread svr cracking and distortion. Svr spalling and faulting. Widespread vegetation. Rwy 18 first 40' overgrown with grass. Rwy 18 markings not visible. Rwy 36 marking numbers faded.

AIRPORT MANAGER: (518) 596-5947**COMMUNICATIONS:** CTAF/UNICOM 122.7**CLEARANCE DELIVERY PHONE:** For CD ctc Albany Apch at 518-862-2299.**UTICA/FRANKFORT****FRANKFORT-HIGHLAND** (6B4) 4 SE UTC-5(-4DT) N43°00.97' W75°10.17'

NEW YORK

1325 NOTAM FILE BUF

RWY 13-31: H2750X60 (ASPH) S-12 LIRL 0.4% up NW**RWY 13:** Thld dsplcd 200'. Trees.**RWY 31:** Thld dsplcd 205'.**SERVICE:** FUEL 100LL

AIRPORT REMARKS: Unattended. Self-serve fuel. Geese on and in/ov arpt during spring and fall. Model plane club opr on arpt. Rwy 31 has 120' dropoff 90' from thld on both sides. LIRL Rwy 13-31 not avbl to tran acft.

AIRPORT MANAGER: 315-796-6257**COMMUNICATIONS:** CTAF/UNICOM 122.8**CLEARANCE DELIVERY PHONE:** For CD ctc Syracuse Apch at 315-455-6218.**UTICA** N43°01.59' W75°09.87' NOTAM FILE BUF.

NEW YORK

(L) TACAN 111.2 UCA Chan 49 319° 16.4 NM to Griffiss Intl. 1420/0W.

L-32G

RCO 122.2 (BUFFALO RADIO)

WALKKILL**KOBELT** (N45) 2 NE UTC-5(-4DT) N41°37.45' W74°08.50'

NEW YORK

420 B NOTAM FILE ISP

RWY 03-21: H2864X50 (ASPH) S-13**RWY 03:** Trees.**RWY 21:** Trees.

AIRPORT REMARKS: Unattended. Arpt clsd to acft 13,500 lbs and over. Deer on and in/ov arpt. PJE at arpt 3.0 NM radius SFC-14,500'. Rwy 03 has access road 16' from thld both sides. Rwy center width of 30' in good condition, 10' width on both sides of centerline in poor condition with extensive cracks and vegetation. Rwy 03-21 slight depression in grass areas opposite south end of rwy. Rwy center 30' in fair condition, outside edges beyond this in poor condition. 18' wide parallel twy, stub connectors to rwy between ends in poor condition.

AIRPORT MANAGER: 914-548-3028**COMMUNICATIONS:** CTAF/UNICOM 122.8**CLEARANCE DELIVERY PHONE:** For CD ctc New York Apch at 516-683-2448.

WARWICK MUNI (N72) 3 NE UTC-5(-4DT) N41°17.26' W74°17.23'

NEW YORK

540 NOTAM FILE ISP

RWY 08-26: 2250X80 (TURF)

RWY 08: Tree.

RWY 26: Tree.

RWY 03R-21L: H2150X28 (ASPH) LIRL(NSTD)

RWY 03R: Tree.

RWY 21L: Trees.

RWY 03L-21R: 2100X50 (TURF)

RWY 03L: Trees.

RWY 21R: Trees.

SERVICE: FUEL 100LL LGT ACTIVATE LIRL Rwy 03R-21L—CTAF.

AIRPORT REMARKS: Attended irregularly. Arpt CLOSED to tran acft sunset-sunrise. Deer and bird act near movement areas.

Mountains and twrs in close vicinity of arpt. Self svc fuel avbl. Rwy 08 has 6' chain link fence 58' left, parallel to rwy.

Practice lds NA. Rwy 03R-21L NSTD LIRL, spacing 400' apart. Seaplane use of Wickham Lake prohibited.

AIRPORT MANAGER: 845-258-0183

COMMUNICATIONS: CTAF/UNICOM 123.0

CLEARANCE DELIVERY PHONE: For CD ctc New York Apch at 516-683-2448.

WATERTOWN INTL (ART)(KART) 5 W UTC-5(-4DT) N43°59.51' W76°01.17'

NEW YORK

331 B AOE ARFF Index—See Remarks NOTAM FILE ART MON Airport

H-11C, 12K, L-32F

RWY 10-28: H7001X150 (ASPH-GRVD) S-109, D-154, 2D-254

IAP, AD

PCN 43 F/C/X/T MIRL 0.3% up E

RWY 10: PAPI(P4L)—GA 3.0° TCH 47'. Trees.

RWY 28: MALSR. PAPI(P4L)—GA 3.0° TCH 45'. Trees.

RWY 07-25: H4999X150 (ASPH-GRVD) S-105, D-147, 2D-244

PCN 41 F/C/X/T HIRL 0.3% up NE

RWY 07: MALSR. PAPI(P4L)—GA 3.0° TCH 52'. Trees.

RWY 25: PAPI(P4L)—GA 3.0° TCH 44'. Trees.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 07: TORA-4999 TODA-4999 ASDA-4784 LDA-4784

RWY 10: TORA-7001 TODA-7001 ASDA-7001 LDA-7001

RWY 25: TORA-4999 TODA-4999 ASDA-4999 LDA-4999

RWY 28: TORA-7001 TODA-7001 ASDA-7001 LDA-7001

SERVICE: S4 FUEL 100LL, JET A LGT ACTVT MALSR Rwy 07 and Rwy 28; PAPI Rwy 10 and Rwy 28; HIRL Rwy 07-25; MIRL Rwy 10-28; twy lgts—CTAF.

AIRPORT REMARKS: Attended Oct-Apr 1100-2300Z, May-May

1000-0000Z. Deer and birds on and in/ov arpt. For fuel after hrs call

315-816-2331 or 315-816-2334. PPR for use of unimproved sfcs

on arpt ctc arpt manager 315-786-6002. Rwy 25 dsngnd calm wind

rwy. Wx camera avbl at WatertownAirport.com. When in use, sand used to enhance rwy friction may not meet FAA specs

in AC 150/5200-30. Ngt vision device ops periodically conducted in arpt traffic pattern area. Twy lgts not vsb under ngt

vision goggles. Military helicopters training on and in/ov arpt. RC model acft lctd 9 NM SSW of arpt blw 400' AGL. RC

model acft act located 4 NM north of Watertown Intl Arpt blo 400' at 44.05 N-76.05 W. Class I, ARFF Index A. PPR 2

hrs for unskd ops with more than 30 pax seats call 315-816-2334 or 315-816-2331. Index B coverage is avbl O/R.

Rwy/Twy conditions not monitored outside of normal attendance hrs. Acft de/anti icing avbl, ctc FBO 315-786-6001.

Ldg fee for acft over 6000 lbs gross weight. 2 hrs advance notice to U.S. Cstms by pilot rqrd, call 315-482-2261.

AIRPORT MANAGER: 315-786-6002

WEATHER DATA SOURCES: ASOS 132.325 (315) 639-4002. (WX CAM)

COMMUNICATIONS: CTAF/UNICOM 123.0

RCO 122.2 (BURLINGTON RADIO)

RCO 122.1R 109.8T (BURLINGTON RADIO)

Ⓜ **WHEELER-SACK APP/DEP CON** 124.875

CLNC DEL 120.8

CLEARANCE DELIVERY PHONE: For CD if una to ctc Wheeler Sack ATCT on freq, ctc Wheeler Sack ATCT at 315-772-7105.

AIRSPACE: CLASS E.

RADIO AIDS TO NAVIGATION: NOTAM FILE ART.

(L) (L) VORTAC 109.8 ART Chan 35 N43°57.13' W76°03.88' 051° 3.1 NM to fld. 374/12W.

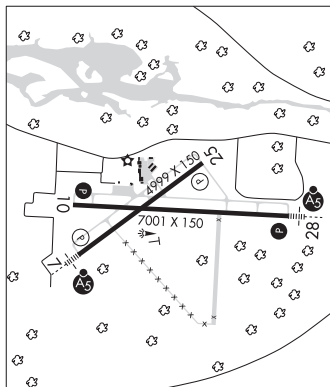
VOR unusable:

090°-111° byd 15 NM

112°-150°

151°-175° byd 20 NM

ILS 111.1 I-ART Rwy 07. Class ID. Autopilot cpd apch na blw 900'.



WEEDSPORT

WHITFORDS (B16) 2 NE UTC-5(-4DT) N43°04.84' W76°32.29'

NEW YORK

400 B TPA—1200(800) NOTAM FILE BUF

L-32F

RWY 10-28: H3630X60 (ASPH) MIRL

IAP

RWY 10: Thld dsplcd 430'. Trees.

RWY 28: Thld dsplcd 350'. Trees.

RWY E-W: 2800X100 (TURF)

RWY E: Hill.

RWY W: Trees.

SERVICE: S2 **FUEL** 100LL **LGT** ACTVT MIRL Rwy 10-28—122.7.

Beacon OTS indefinitely. Beacon dusk-0400Z†, for rotating bcn after 0400Z‡ call 315-834-9950.

AIRPORT REMARKS: Attended dalgt hours. Parachute Jumping. Skydiving on and infov arpt. Ultra-lights on and infov arpt. Rwy E-W CLOSED Nov 1-May 15.

AIRPORT MANAGER: 315-834-9950

COMMUNICATIONS: CTAF/UNICOM 122.8

Ⓡ **SYRACUSE APP/DEP CON** 126.125

CLEARANCE DELIVERY PHONE: For CD ctc Syracuse Apch at 315-455-6218.

RADIO AIDS TO NAVIGATION: NOTAM FILE SYR.

SYRACUSE (VH) (H) VORTACW 117.0 SYR Chan 117 N43°09.63' W76°12.27' 263° 15.4 NM to fld. 453/11W.

TACAN AZIMUTH unusable:

Byd 35 NM blo 4,000'

VOR unusable:

010°-025°

026°-066° byd 40 NM

067°-077° byd 30 NM

078°-133° byd 40 NM

134°-144° byd 19 NM

145°-216°

217°-227° byd 40 NM blo 18,000'

228°-288° byd 40 NM

289°-299° byd 40 NM blo 2,300'

289°-299° byd 47 NM

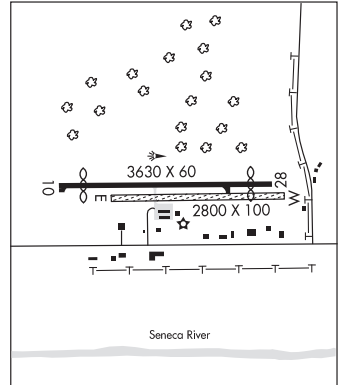
300°-351° byd 40 NM

352°-009° byd 40 NM blo 3,000'

352°-009° byd 57 NM

DME unusable:

Byd 35 NM blo 4,000'



WELLSVILLE MUNI/TARANTINE FLD (ELZ)(KELZ) 2 SW UTC-5(-4DT) N42°06.57'

DETROIT

W77°59.40'

H-10H, 12J, L-30I, 32F

2125 B NOTAM FILE ELZ

IAP

RWY 10-28: H5300X100 (ASPH-GRVD) S-25, D-45 HIRL

0.4% up W

RWY 10: REIL. PAPI(P2L)—GA 3.0° TCH 39'. Thld dsplcd 200'. Trees.

RWY 28: MALS. PAPI(P2L)—GA 3.0° TCH 52'. Tree.

SERVICE: S4 **FUEL** 100LL, JET A **LGT** ACTVT MALS Rwy 28; REIL Rwy 10; PAPI Rwy 10 and 28; HIRL Rwy 10-28—CTAF. PAPI ususb byd 9 degs right and left of cntrln. Bcn on dusk—dawn daily.

AIRPORT REMARKS: Attended Mon-Fri 1300-2130Z‡. Unattended weekends, Memorial Day, 4th of July, Labor Day, Thanksgiving, Christmas Eve, Christmas and New Years Day. After hrs svcs are avbl call 585-593-3350 for numbers. 24 hr access to the lobby and restrooms. 24 hr self svc AVGAS and Jet-A.

AIRPORT MANAGER: 585-593-3350

WEATHER DATA SOURCES: ASOS 119.275 (585) 593-0203.

COMMUNICATIONS: CTAF/UNICOM 123.0

CLEVELAND CENTER APP/DEP CON 124.325

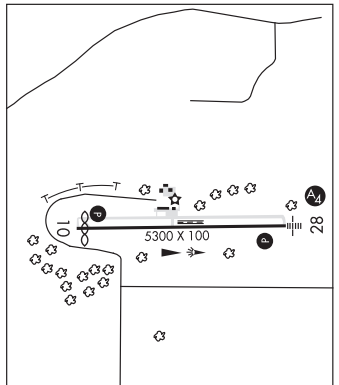
CLEARANCE DELIVERY PHONE: For CD ctc Cleveland ARTCC at 440-774-0227.

RADIO AIDS TO NAVIGATION: NOTAM FILE ELZ.

(L) **DME** 115.85 ELZ Chan 105(Y) N42°05.38' W77°59.97'

DME unusable:

170°-195° byd 25 NM



WEST 30TH ST HELIPORT (See NEW YORK on page 230)

WESTCHESTER CO (See WHITE PLAINS on page 256)

WESTHAMPTON BEACH

FRANCIS S GABRESKI (FOK)(KFOK) P (ANG) 3 N UTC-5(-4DT) N40°50.62' W72°37.91'

NEW YORK

66 B LRA NOTAM FILE FOK

COPTER

RWY 06-24: H9002X150 (ASPH-CONC) PCN 31 F/B/X/T HIRL
0.3% up NE

H-101, 121, L-33B, 341

RWY 06: REIL. PAPI(P2L)—GA 3.0° TCH 66'. Trees.

IAP, DIAP, AD

RWY 24: MALSR. PAPI(P4L)—GA 3.0° TCH 77'. Trees. Rgt tfc.

RWY 01-19: H5100X150 (ASPH-CONC) S-50, D-50, 2D-100

PCN 17 R/B/Y/T 0.4% up N

RWY 01: Trees.

RWY 19: Trees.

RWY 15-33: H5002X150 (ASPH) PCN 42 F/B/W/T MIRL
0.3% up NW

RWY 15: REIL. PAPI(P2L)—GA 3.0° TCH 62'. Trees.

RWY 33: REIL. VASI(V4L)—GA 3.0° TCH 57'. Trees. Rgt tfc.

SERVICE: S4 FUEL 100LL, JET A OX3, 4 LGT When ATCT clsd ACTVT

MALSR Rwy 24; REIL Rwy 06, 15, and 33; PAPI Rwy 06, 15 and 24;

VASI Rwy 33; HIRL Rwy 06-24; MIRL Rwy

15-33—CTAF. MILITARY—JASU Avbl dur ANG opr hr. (A/M32A-86)

2(MA-1A) FUEL Avbl dur ANG opr hr. A++(Mil) avbl (NC-100LL, A)

FLUID SP De-Ice LOX OIL O-148-156(Mil) SOAP

NOISE: Voluntary noise abatement procs in efct; see arpt website. When
safety and opns allow, Rwy 24 pref for noise abatement.

AIRPORT REMARKS: Attended 1200-0400Z†. Parachute Jumping. Birds and

deer on and in/ov arpt. Extv glider activity. Rcmdnd rsvn with FBO prior to arr. No 180° turns permitted on asph section of Rwy 06-24. Mil parachute drops on fld and offshore from Shinnecock Inlet, 8 miles ESE of fld, 2000' AGL and blo. Rwy 15-33 mil max effort ldg strip markings (3500X60) included with basic rwy markings. Rwy 06-24 6000' asph overlay in ctr of rwy. Rwy 01-19 south end rwy 900' and north end rwy 1000' are safety areas. Rwy 06-24 and Rwy 15-33 1000' safety area each end. Rwy 06 VGSi and RNAV glidepath not coincident. Rwy 24 VGSi and ILS glidepath not coincident.

MILITARY REMARKS: See FLIP AP/1 Supplementary Arpt Remarks. CAUTION Birds and deer haz. PJE vcnty of arpt. ANG Radio ctl acft opr 0.5 NM north of AER 15 SR-SS, ctc twr for advsy. PPR DSN 456-7362/4, C631-723-7362/4. PPR offl bus. For use of ANG ramp. Ofll bus only PPR all acft, 48 hr PN, ctc afld ops DSN 456-7362, C631-723-7362 drg duty hr. Tue-Fri PPR drg off-duty hr. 106 OG/CC apvl required nml duty hr. Nml duty hr 1200-2130Z† Mon-Fri. Clsd Sat, Sun, hol and ev otr Mon. Ltd ramp space. Tran acft may be diverted to civ FBO drg non-duty hr. Non-standard markings on HH-60 apron; white painted lines denoting a roadway on the apron by the pods indicating where a vehicle must drive in order to maintain all necessary wingtip clearances. Rwy clsd to acft AUW 100,000 lb exc C130/emerg UFN. AMC/ACC acft opr rstd dur Bird Watch cond MODERATE (tkof or ldg proh wo OG/CC apvl), ctc Afld Management OPS for current Bird Watch cond. Dur Phase II BASH window (+/- 1 hr of SR/SS), not tkof or ldg perms, 106 OG/CC waiver auth. Bird haz (waterfowl) hvy dur Phase II BASH Window. Phase II nml begins 1 Aug and ends 30 Nov. CSTMS/AG/IMG US CSTMS clnc svc avbl with PN (FRG) 631-753-2691 (mil flts will coord thru Base Opns 631-723-7362/7364). Min 24 hr pn on rgr bus day precdng svc rqr date, max pax 15. US CSTMS hrs btn 1300 and 0300Z†.

AIRPORT MANAGER: 631-852-8095

WEATHER DATA SOURCES: ASOS 119.925 (631) 288-0588.

COMMUNICATIONS: CTAF 125.3 UNICOM 122.95

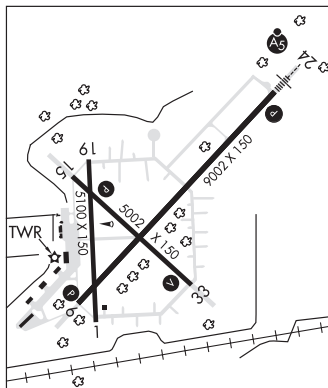
® NEW YORK APP/DEP CON 125.975 343.75 343.65

TOWER 125.3 236.6 (1200-0400Z†) GND CON 121.8 225.4

ANG OPS (RESCUE OPS) 328.475

CLEARANCE DELIVERY PHONE: For CD when ATCT clsd ctc New York Apch at 516-683-2449.

AIRSPACE: CLASS D svc 1200-0400Z†; other times CLASS G.



CONTINUED ON NEXT PAGE

CONTINUED FROM PRECEDING PAGE

RADIO AIDS TO NAVIGATION: NOTAM FILE ISP.

CALVERTON (L) (H) VORW/DME 114.55 CCC Chan 92(Y) N40°55.78' W72°47.93' 137° 9.2 NM to fld. 85/13W.

VOR unusable:

055°-075°

233°-268° byd 25 NM

269°-290°

DME unusable:

056°-066° byd 39 NM

SUFFOLK CO (T) TACAN Chan 47 FOK (111.0) N40°50.27' W72°37.91' at fld. 50/13W. NOTAM FILE FOK.

TACAN unmonitored when twr clsd.

No NOTAM MP: 1600-2000Z† Mon

TACAN AZIMUTH unusable:

028°-038° byd 8 NM blo 3,500'

090°-155° byd 7 NM

335°-345° byd 7 NM blo 3,500'

ILS/DME 111.7 I-FOK Chan 54 Rwy 24. Class IT. Unmonitored when ATCT clsd.

WHEELER-SACK AAF (GTB)(KGTB) A 1 NE UTC-5(-4DT) N44°03.34' W75°43.19'

690 B TPA—See Remarks NOTAM FILE GTB Not insp.

RWY 03-21: H1000X150 (CONC) PCN 59 R/B/W/T HIRL

RWY 03: ALSF1. PAPI(P4L)—GA 3.0° TCH 64'. RVR-TR Thld dsplcd 1363'.

RWY 21: ALSF1. PAPI(P4L)—GA 3.0° TCH 72'. RVR-TR Rgt ttc.

RWY 15-33: H5002X144 (CONC) PCN 43 R/C/W/T HIRL

RWY 15: MALS R. RVR-TR Rgt ttc.

RWY 08-26: H4501X150 (ASPH-CONC) PCN 34 F/A/W/T LIRL

RWY 08: Rgt ttc.

SERVICE: MILITARY— FUEL Service—L—AOE JASU-3(ASU600-270-DDP). Fuel A++ (mil); Avbl 1400-0300Z† Mon-Fri, Exc hol, OT PN. **FLUID** SP De-ice Type I and Type IV avbl with 3 hr PN. **TRAN ALERT:** Opr 1400-1300Z† Mon-Fri; clsd Sat, Sun and Federal Hol ltd; no cathering, lav, trash removal, water, or crew trnsp svc avbl.

NOISE: abatement Quiet hrs 0300-1100Z†.

MILITARY REMARKS: Attended 1200-0300Z† Mon-Fri, clsd otr times PPR. Arpt clsd hols. See FLIP AP/1 Supplementary Arpt Information. Base Ops opr 1200-0400Z† Mon-Fri; clsd Sat, Sun and Federal Hol. All tran acct inbd for prk ctc Base Ops 20 min prior to ldg, mil aircrews must register with Base Ops if RON. Tran R/W prk south end of north ramp. Twy G, N, P, R and Twy L east of Twy B designated nonmovement area. Compass rose not calibrated. Acft inbd for Avn Fld Maint Act (AFMA) must arr no later 1900Z† ctc DSN 772-7536 C315-772-7536. Emerg ctc mt Ops cntr DSN 772-8620 C315-772-8620. **RSTD:** PPR ctc Base Ops DSN 772-5681, C315-772-5681/5682. Tenant acft have priority for ICI pat ops, tran may be ltd. Rwy 15-33. Twy G rstd to C130 or smaller. Sod ldg/ops rstd to cntr, sod. Oasis rst to tenant R/W hot refuel ops, ldg/dep prohibited when clsd. Oasis 4R-22L clsd N of point 4, dep 04R ldg, 22L prohibited. Twy B btn Twy A and N ramp clsd. **CAUTION** Extsy mil acft activity vcnty arpt mil acft refer to FLIP AP/1 prior to ops on Fort Drum or wi R5201. Narrow Twy A, B, int arc 40' wide. N Ramp edge lgt us. Twy B edge lgt us btn Twy A and Sabre helipad. W Ramp unlgtd. Oasis 22/04 Thld/end lgt us. Rsc not mntn when base ops is clsd. Wildlife haz, refer to AP/1. **TFC PAT** TPA—Rotary wing 1400(710), fixed wing 2000(1310), turbojet 2500(1810), overhead 3000(2310). **CSTMS/AG/IMG** No onsite cstms, consult FCG. Aerial port MSN acft plan arr btn 1300-0300Z† Mon-Fri exc hol, or rqr advanced coord and apvl. **MISC** Wx svc avbl 24/7. DSN 772-6065, C315-772-6065. Back-up wx brief avbl fr 15 OWS Scott AFB DSN 576-9755/9702, C618-256-9755/9702. Pri wx sensors automated H24. Drg augmentation/back-up wx observation pt is obst 033°-162°. PMSV freq not monitored Sat, Sun and federal hol. ATC will assist in cooperative watch by notifying wx of unprtd cond. Rwy 09-8-26 cntr 75' conc btn Rwy 03 and Twy D, PCN 54, remainder asph.

COMMUNICATIONS: ATIS 119.525④ **APP/DEP CON** 124.875 257.6**TOWER** 118.75 290.25 **GND CON** 121.9 229.8 **CLNC DEL** 121.9 **PMSV SACK METRO** 304.3**BASE OPS** 126.2 280.8 **FORT DRUM FLT FLW** 141.025 397.75**AIRSPACE:** CLASS D.

RADIO AIDS TO NAVIGATION: NOTAM FILE ART.

WATERTOWN (L) (L) VORTAC 109.8 ART Chan 35 N43°57.13' W76°03.88' 079° 16.2 NM to fld. 374/12W.

VOR unusable:

090°-111° byd 15 NM

112°-150°

151°-175° byd 20 NM

ILS/DME 108.5 I-AEZ Chan 22 Rwy 03.

ILS/DME 108.5 I-GTB Chan 22 Rwy 21. Class IE.

ASR/PAR

COMM/NAV/WEATHER REMARKS: Radar see Terminal FLIP for Radar Minima. 128.875 and 257.8 in all apch plates/mins.

WHITE PLAINS

WESTCHESTER CO (HPN)(KHPN) 3 NE UTC-5(-4DT) N41°04.02' W73°42.45'

NEW YORK

439 B LRA ARFF Index—See Remarks NOTAM FILE HPN

COPTER

RWY 16-34: H6549X150 (ASPH-GRVD) D-120, 2S-152

H-101, 12J, L-33B, 34H

PCR 537 F/B/W/T HIRL CL 0.9% up NW

IAP, AD

RWY 16: MALSR. TDZL. PAPI(P4L)—GA 3.0° TCH 55'. RVR-T

RWY 34: REIL. PAPI(P4L)—GA 3.0° TCH 56'. RVR-R Bldg.

RWY 11-29: H4451X150 (ASPH-GRVD) S-70, D-120, 2S-152,

2D-120 PCN 28 F/B/X/U MIRL

RWY 11: REIL. PAPI(P4L)—GA 3.0° TCH 54'.

RWY 29: Thld dspclcd 1292'. Trees.

LAND AND HOLD—SHORT OPERATIONS

LDG RWY	HOLD—SHORT POINT	AVBL LDG DIST
RWY 11	16-34	2500
RWY 16	11-29	4000

RUNWAY DECLARED DISTANCE INFORMATION

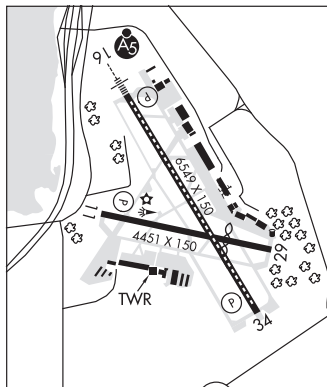
RWY 11: TORA-4451 TODA-4451 ASDA-4451 LDA-4451

RWY 16: TORA-6549 TODA-6549 ASDA-6549 LDA-6549

RWY 29: TORA-4451 TODA-4451 ASDA-4451 LDA-3159

RWY 34: TORA-6549 TODA-6549 ASDA-6549 LDA-6549

SERVICE: S4 FUEL 100LL, JET A OX 1, 2, 3, 4 LGT When ATCT clsd
ACTVT MALSR Rwy 16; REIL Rwy 11 and Rwy 34; TDZ lghts Rwy 16;
cntrln lghts Rwy 16-34; HIRL Rwy 16-34; MIRL Rwy 11-29; twy
lghts—CTAF.



NOISE: Noise abatement procedures in effect ctc arpt management 914-995-4861. Four designated helicopter routes in use for noise abatement. NOTE: See Special Notices—Westchester Co Noise Abatement Procedures.

AIRPORT REMARKS: Attended continuously. Deer, birds and other wildlife on and in/ovf arpt. Class I, ARFF Index B. FAR 139 ARFF Index C is rstrd to max acct len of 130' when opng at main terminal, Gates 1 thru 6. Rwy 11-29 clsd to sked acr ops with more than 9 pax seats and non sked acr ops with more than 30 pax seats exc for tax. Rwy 11-29 dly closures for staging and/or prkg of sked ACR. Rwy 29 clsd to ldg acct more than 12,500 lbs. Snow removal equipment operating on all acct movement areas Nov thru Apr. Lighter than air aircraft rstrd fm opns at arpt. Mowing within safety areas of all rws and twys May thru Nov. Equipment and materials staged adjacent to the southern edge of Hangar 6 ramp. Acft oprg with MGTOW over 120,000 lbs must have prior permission. Ctc arpt opns for PPR link, call 914-995-4850. All apvd acct must ctc arpt opns on UNICOM with actual tkof and ldg wts. ATC clnc rprd for pushback onto movement areas. Hangar D3 ramp adj to active pax loading area at main terminal ramp, acct requested use minimum thrust and avoid excess power and jet blast. Rwy 11 aiming point markings. Ldg fee. Flight Notification Service (ADCUS) available.

AIRPORT MANAGER: 914-995-4887

WEATHER DATA SOURCES: ASOS (914) 288-0216 WSP.

COMMUNICATIONS: D-ATIS 133.8 914-948-0130 CTAF 118.575 UNICOM 122.95

Ⓡ **NEW YORK APP CON** 126.4 (1200-0400Z‡) 120.8 (0400-1200Z‡)

Ⓡ **NEW YORK DEP CON** 120.55

TOWER 118.575 (1100-0400Z‡) **GND CON** 121.825

CLNC DEL 127.25 **CLNC DEL** 126.4 (When HPN twr clsd)

CPDLC (LOGON KUSA)

PDC

CLEARANCE DELIVERY PHONE: For CD when ATCT clsd ctc New York Apch on 126.4, if una call 516-683-2849.

AIRSPACE: CLASS D svc 1100-0400Z‡; other times CLASS E.

RADIO AIDS TO NAVIGATION: NOTAM FILE ISP.

CARMEL (L) (L) VOR/DME 116.6 CMK Chan 113 N41°16.81' W73°34.88' 216° 14.0 NM to fld. 693/12W.

VOR unusable:

001°-155°

195°-225°

245°-270°

325°-355°

DME unusable:

000°-015° byd 20 NM

034°-054° byd 20 NM

055°-135° byd 20 NM blo 5,000'

180°-200°

340°-359° byd 20 NM blo 6,000'

ILS/DME 109.7 I-HPN Chan 34 Rwy 16. Class IIE.

ILS/DME 109.7 I-OJZ Chan 34 Rwy 34. Class IT. LOC unusable byd 28° left of course and 25° right of course.

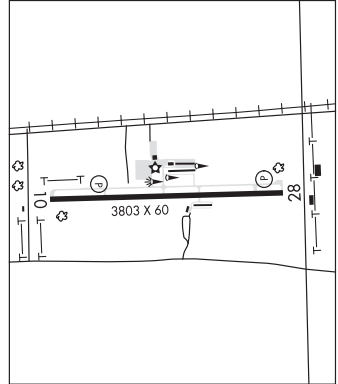
COMM/NAV/WEATHER REMARKS: ATIS can also be received via CMK VOR frequency 116.6 (CARMEL)

WHITFORDS (See WEEDSPORT on page 253)

WILLIAMSON/SODUS (SDC)(KSDC) 3 W UTC-5(-4DT) N43°14.08' W77°07.17'

DETROIT
L-31E, 32F
IAP

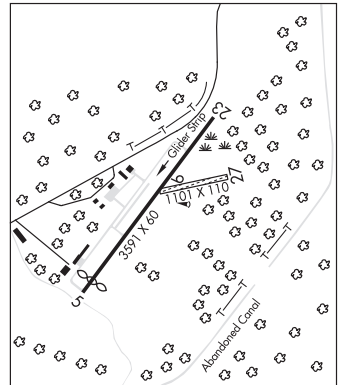
424 B TPA-1400(976) NOTAM FILE BUF
RWY 10-28: H3803X60 (ASPH) S-12 MIRL
RWY 10: REIL. PAPI(P2L)-GA 3.0° TCH 40'. Trees.
RWY 28: REIL. PAPI(P2R)-GA 3.2° TCH 42'. Tree.
SERVICE: S4 FUEL 100LL LGT ACTIVATE REIL Rwy 10 and Rwy 28;
 MIRL Rwy 10-28-CTAF.
AIRPORT REMARKS: Attended Mon-Fri 1330-2200Z. Credit card fuel avbl
 24 hrs. Geese and deer on and invof arpt.
AIRPORT MANAGER: 315-483-6011
WEATHER DATA SOURCES: AWOS-3 124.2 (315) 483-6171.
COMMUNICATIONS: CTAF/UNICOM 122.8
 ® **ROCHESTER APP/DEP CON** 119.55
CLEARANCE DELIVERY PHONE: For CD ctc Cleveland ARTCC at
 440-774-0490.
RADIO AIDS TO NAVIGATION: NOTAM FILE ROC.
ROCHESTER (L) (L) VOR/DME 110.0 ROC Chan 37 N43°07.08'
 W77°40.37' 086° 25.3 NM to fld. 545/12W.



WURTSBORO/SULLIVAN CO (N82) 2 NE UTC-5(-4DT) N41°35.87' W74°27.55'

NEW YORK
L-33A, 34H
IAP

548 NOTAM FILE ISP
RWY 05-23: H3591X60 (ASPH) S-30 0.3% up SW
RWY 05: Thld dsplcd 233'. Trees.
RWY 23: Trees.
RWY 09-27: 1101X110 (TURF) 0.7% up W
RWY 09: Trees.
RWY 27: Trees.
SERVICE: FUEL 100LL
AIRPORT REMARKS: Attended 1400-2200Z. Winter months attended till
 dusk. Extensive glider activity. Deer on and in vicinity of arpt. Twr
 elevation 1690' MSL 250' AGL, located 9000' NE thld apch Rwy
 23.
AIRPORT MANAGER: (845) 888-2791
COMMUNICATIONS: CTAF/UNICOM 122.8
 ® **NEW YORK APP/DEP CON** 132.75
CLEARANCE DELIVERY PHONE: For CD ctc New York Apch at 516-683-2448
RADIO AIDS TO NAVIGATION: NOTAM FILE ISP.
KINGSTON (VL) (L) VOR/DME 117.6 IGN Chan 123 N41°39.93'
 W73°49.33' 274° 28.9 NM to fld. 581/12W.
 VOR unusable:
 008°-018° byd 40 NM blo 4,000'
 008°-018° byd 70 NM
 020°-123° byd 40 NM
 045°-050° byd 35 NM blo 4,300'
 070°-140° byd 30 NM blo 3,400'
 130°-148° byd 40 NM
 243°-253° byd 40 NM
 275°-310° byd 40 NM
 311°-321° byd 40 NM blo 6,000'
 311°-321° byd 64 NM
 322°-001° byd 40 NM



ALBERT (See PHILIPSBURG on page 296)

ALLEGHENY CO (See PITTSBURGH on page 298)

ALLENTOWN

ALLENTOWN QUEEN CITY MUNI (XLL)(KXLL) 2 SW UTC-5(-4DT) N40°34.22' W75°29.30'

NEW YORK
L-30K, 33A, 34G
IAP

399 B NOTAM FILE IPT

RWY 07-25: H3950X75 (ASPH-GRVD) S-12 MIRL

RWY 07: REIL. PAPI(P4L)—GA 3.0° TCH 41'. Brush.

RWY 25: REIL. PAPI(P4L)—GA 3.5° TCH 40'. Pole.

RWY 15-33: H3160X75 (ASPH) S-12 MIRL 0.4% up SE

SERVICE: S2 FUEL 100LL, JET A LGT Actvt REIL Rwy 07-25; MIRL Rwy 07-25 & 15-33—CTAF. Rwy 25 VGSJ unusbl byd 3 deg L of course.

NOISE: Noise abatement procedures in effect, for details ctc arpt manager.

AIRPORT REMARKS: Attended 1200-2300Z. Deer, groundhogs and birds on and invof arpt. For svc after hrs ctc 610-266-6000.

AIRPORT MANAGER: 610-791-5193

WEATHER DATA SOURCES: AWOS-3 127.875 (610) 231-3111. Unavbl byd 8 nm.

COMMUNICATIONS: CTAF/UNICOM 122.7

Ⓡ APP/DEP CON 119.65 (3000' and blo) 124.45 (above 3000')

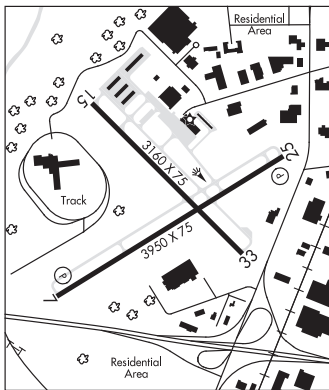
CLNC DEL 118.9

CLEARANCE DELIVERY PHONE: For CD ctc Allentown Apch at 800-728-6322.

RADIO AIDS TO NAVIGATION: NOTAM FILE IPT.

EAST TEXAS (L) (L) VOR/DME 110.2 ETX Chan 39 N40°34.86' W75°41.04' 103° 9.0 NM to fld. 741/9W.

VOR unusable:
255°-265°



LEHIGH VALLEY INTL (ABE)(KABE) 3 NE UTC-5(-4DT) N40°39.14' W75°26.42'

NEW YORK
H-101, 12J, L-33A, 34G
IAP, AD

394 B TPA—See Remarks LRA Class I, ARFF Index C NOTAM FILE ABE

RWY 06-24: H7599X150 (ASPH-GRVD) S-120, D-228, 2S-175, 2D-368 PCN 65 F/C/X/U HIRL CL

RWY 06: MALSR. PAPI(P4L)—GA 3.0° TCH 74'. RVR-TR Trees.

RWY 24: REIL. PAPI(P4R)—GA 3.0° TCH 71'. RVR-TR Thld displcd 510'. Road.

RWY 13-31: H5800X150 (ASPH-GRVD) S-75, D-161, 2S-175,

2D-290 PCN 35 F/A/W/U HIRL

RWY 13: MALSR.

RWY 31: REIL. PAPI(P4L)—GA 3.0° TCH 54'. Pole.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 06: TORA-7599 TODA-7599 ASDA-7599 LDA-7599

RWY 13: TORA-5800 TODA-5800 ASDA-5800 LDA-5800

RWY 24: TORA-7599 TODA-7599 ASDA-7599 LDA-7089

RWY 31: TORA-5800 TODA-5800 ASDA-5800 LDA-5800

ARRESTING GEAR/SYSTEM

RWY 13: EMAS

RWY 31: EMAS

SERVICE: S4 FUEL 100LL, JET A OX 1, 2

NOISE: Noise abatement procedures for turbojet powered acft in effect; preferential Rwy 06-24. Rwy 06-24 fly rwy heading until 2000'.

Rwy 06, Rwy 13 and Rwy 24 departures be advised that departures are over a noise sensitive area. Rwy 31 turbojet departures turn right heading 360° until 2000' MSL.

AIRPORT REMARKS: Attended continuously. Birds, groundhogs and deer on and invof arpt. TPA—1399(1006) reciprocating props, 1999(1606) turbine powered acft. Military acft plan to park and refuel on Hangar 7 apron. Twy C rstd to maximum acft weight 12,500 lbs. Twy B south of Twy B3 rstd to acft with wingspan 118' or less. Twy B3 west of Rwy 13-31 rstd to acft with wingspan 118' or less. Twy E rstd to acft max GWT 12,500 lbs. Twy J rstd to acft with 118' wingspan or less. U.S. Customs user fee arpt. Ldg fee. Flight Notification Service (ADCUS) avbl—2 hours PPR.

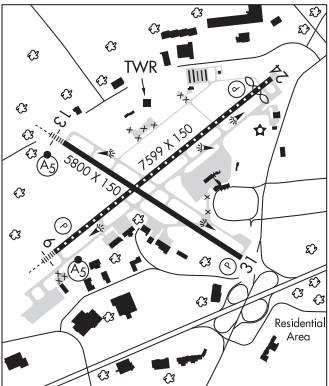
AIRPORT MANAGER: 610-266-6001

WEATHER DATA SOURCES: ASOS 126.975 (610) 264-1765.

COMMUNICATIONS: ATIS 126.975 UNICOM 122.95

Ⓡ ALLENTOWN APP/DEP CON 119.65 (3000' & blo) 124.45 (abv 3000') 124.45 (from west)

TOWER 120.5 GND CON 121.9 CLNC DEL 124.05



CONTINUED ON NEXT PAGE

NE, 25 JAN 2024 to 21 MAR 2024

CONTINUED FROM PRECEDING PAGE

AIRSPACE: CLASS C svc ctc APP CON.

RADIO AIDS TO NAVIGATION: NOTAM FILE ABE.

ALLENTOWN (L) (L) VORTACW 117.5 FJC Chan 122 N40°43.60' W75°27.28' 182° 4.5 NM to fld. 681/10W.

TACAN AZIMUTH & DME unusable:

061°-299° byd 30 NM blo 4,000'

300°-060° byd 26 NM blo 4,500'

VOR unusable:

021°-189° byd 10 NM

190°-260° blo 9,000'

190°-260° byd 24 NM

261°-306° byd 9 NM blo 4,000'

307°-349°

350°-020° blo 3,500'

350°-020° byd 33 NM blo 4,000'

ILS 110.7 I-ABE Rwy 06. Class IIE.

ILS 111.9 I-BXY Rwy 13. Class IB.

ILS/DME 108.55 I-GUW Chan 22(Y) Rwy 24. Class "IE".

COMM/NAV/WEATHER REMARKS: During ATC Zero events, ARFF will mnt 120.5 for emerg notifications.

ALLENTOWN N40°43.60' W75°27.28' NOTAM FILE ABE.

NEW YORK

(L) (L) VORTACW 117.5 FJC Chan 122 182° 4.5 NM to Lehigh Valley Intl. 681/10W.

H-101, L-30K, 33A, 34G

TACAN AZIMUTH & DME unusable:

061°-299° byd 30 NM blo 4,000'

300°-060° byd 26 NM blo 4,500'

VOR unusable:

021°-189° byd 10 NM

190°-260° blo 9,000'

190°-260° byd 24 NM

261°-306° byd 9 NM blo 4,000'

307°-349°

350°-020° blo 3,500'

350°-020° byd 33 NM blo 4,000'

ALTOONA/BLAIR CO (AOO)(KAOO) 12 S UTC-5(-4DT) N40°17.78' W78°19.20'

DETROIT

1503 B Class II, ARFF Index A NOTAM FILE AOO

H-10H, 121, L-29D, A

RWY 03-21: H5465X100 (ASPH-GRVD) S-16, D-44 PCN 13 F/B/X/T

IAF

HIRL 0.6% up S

RWY 03: REIL. PAPI(P4L)—GA 3.0° TCH 43'. Trees.

RWY 21: MALSR. PAPI(P4L)—GA 3.0° TCH 52'. Trees.

RWY 12-30: H3668X75 (ASPH) S-11.5, D-33 PCN 11 F/B/X/T MIRL

RWY 12: REIL. PAPI(P4L)—GA 3.0° TCH 54'. Trees.

RWY 30: REIL. PAPI(P4R)—GA 4.0° TCH 54'. Tree.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 03: TORA-5465 TODA-5465 ASDA-5465 LDA-5465

RWY 12: TORA-3668 TODA-3668 ASDA-3668 LDA-3668

RWY 21: TORA-5465 TODA-5465 ASDA-5465 LDA-5465

RWY 30: TORA-3668 TODA-3668 ASDA-3668 LDA-3668

SERVICE: S4 FUEL 100LL, JET A OX 1, 3 LGT Rwy 03-21, thld lgts and edge lgts OTS exc with PCL, avbl fm 0100-1300Z† daily. Rwy 12-30, thld lgts and edge lgts OTS exc with PCL avbl fm 0100-1300Z† daily. HIRL Rwy 03-21 and MIRL Rwy 12-30 preset low intst, incr instst and ACTVT PAPI Rwy 12, 30, 03 and 21, MALSR Rwy 21 and REIL Rwy 03, 12 and 30—CTAF.

NOISE: Preferred rwy is Rwy 21; for noise abatement when departing Rwy 03, maintain rwy heading until 2 NM north of arpt.

AIRPORT REMARKS: Attended Mon-Fri 0930-0330Z†, Sat 1230-0030Z†, Sun 1330-0130Z†. Rwy/twy conds unmonitored outside of normal attendance hrs. Specialized acft (ultralgt, homebuilt, etc) ctc AMGR 814-793-2027 or UNICOM prior to ldg. PPR 24 hrs for unscheduled air carrier and non-air carrier ops with more than 30 passenger seats call arpt manager 814-793-2027. Excp for taxi, Rwy 12-30 not avbl for sked acr opns with more than 9 pax and unskd for acr opns with more than 30 pax.

AIRPORT MANAGER: 814-793-2027

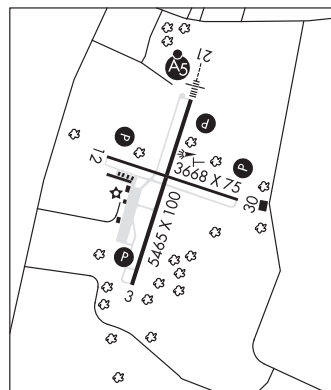
WEATHER DATA SOURCES: ASOS 127.125 (814) 793-9655.

COMMUNICATIONS: CTAF 123.6 UNICOM 123.0

RCO 122.2 (ALTOONA RADIO)

Ⓡ JOHNSTOWN APP/DEP CON 121.2 (1200-0400Z†)

Ⓡ CLEVELAND CENTER APP/DEP CON 124.4 (0400-1200Z†)



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CLEARANCE DELIVERY PHONE: For CD ctc Johnstown Apch at 814-532-5960, when Apch clsd ctc Cleveland ARTCC at 440-774-0213.

AIRSPACE: CLASS E.

RADIO AIDS TO NAVIGATION: NOTAM FILE AOO.

ST THOMAS (L) TACAN Chan 97 THS (115.0) N39°55.99' W77°57.06' 329° 27.6 NM to fld. 2338/7W.

ILS 111.1 I-AOO Rwy 21. Class IA. LOC unusable byd 25° right of course.

ARNOLD PALMER RGNL (See LATROBE on page 285)

BALLY

BUTTER VALLEY GOLF PORT (7N8) 1 E UTC-5(-4DT) N40°23.85' W75°33.79'

NEW YORK

500 NOTAM FILE IPT

RWY 16-34: H2420X85 (ASPH-TURF)

RWY 16: Thld dsplcd 205'. Road.

RWY 34: Thld dsplcd 250'. Road.

AIRPORT REMARKS: Attended daylight hours. Rwy 16-34 located in middle of golf course. Trees and substantial terrain elevation changes within 125' of each rwy edge. Rwy 16-34 1535 ft X 24 ft asph insert at S end; remainder turf. Rwy 16 marked with yellow wood panels; turf rwy edges marked with tires painted yellow. Rwy 34 dsplcd thld marked with 3 white lines. Rwy 16 dsplcd thld marked by 3 yellow tires. Rwy 34: 119 ft tree line 1472 ft fm rwy end; 233 ft right. 12:1 slope to dthr.

AIRPORT MANAGER: 610-845-2491

COMMUNICATIONS: CTAF 122.9

CLEARANCE DELIVERY PHONE: For CD ctc Allentown Apch at 800-728-6322.

BANDEL (See EIGHTY FOUR on page 272)

BAUBLITZ COMMERCIAL (See BROGUE on page 264)

BEAVER CO (See BEAVER FALLS on page 260)

BEAVER FALLS

BEAVER CO (BVI)(KBVI) 3 NW UTC-5(-4DT) N40°46.35' W80°23.49'

DETROIT

1253 B NOTAM FILE BVI

RWY 10-28: H4501X100 (ASPH-GRVD) S-16, D-32 MIRL

1.1% up E

RWY 10: REIL. PAPI(P4L)—GA 3.0° TCH 42'. Trees.

RWY 28: REIL. PAPI(P4L)—GA 3.0° TCH 43'. Trees.

SERVICE: S4 FUEL 100LL, JET A, A+ LGT When ATCT clsd MIRL Rwy 10-28 and twy lghts oper low intst. Increase intst and ACTVT REIL Rwy 10 and 28—CTAF. PAPI Rwy 10 and Rwy 28 oper continuously. Rwy 28 REIL OTS indef. Rwy 10 visual glideslope indicator and glidepath not coincident. Rwy 28 visual glideslope indicator and glidepath not coincident.

NOISE: Noise abatement procedures in effect for deps only, ctc arpt manager 1300-2100Z† for details at 724-847-4662.

AIRPORT REMARKS: Attended Mon-Fri 1200-0200Z†, Sat-Sun

1400-2100Z†. Unattended all federal holidays.

AIRPORT MANAGER: 724-847-4662

WEATHER DATA SOURCES: AWOS-3PT 118.35 (724) 843-1024.

COMMUNICATIONS: CTAF 120.3 ATIS 118.35

ELLWOOD CITY RCO 122.1R 115.8T (ALTOONA RADIO)

® **PITTSBURGH APP/DEP CON** 124.75

TOWER 120.3 (1230-0030Z† Mon-Fri; clsd Sat-Sun)

GND CON 121.8 **CLNC DEL** 124.85 (when twr clsd)

AIRSPACE: CLASS D svc 1230-0030Z† Mon-Fri, clsd Sat-Sun; other times CLASS G.

RADIO AIDS TO NAVIGATION: NOTAM FILE AOO.

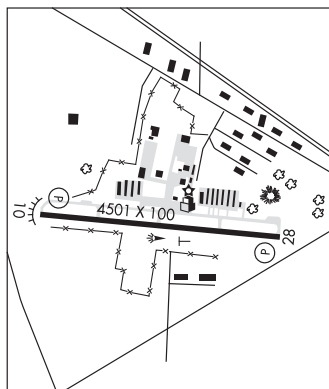
ELLWOOD CITY (VH) (H) VOR/DME 115.8 EWC Chan 105 N40°49.50' W80°12.69' 257° 8.8 NM to fld. 1227/8W.

VOR unusable:

285°-335°

LOC 109.3 I-BVI Rwy 10. LOC unmonitored when ATCT clsd

COMM/NAV/WEATHER REMARKS: Emerg frequency 121.5 not available at twr.



L-29C

IAP, AD

BEDFORD CO (HMZ)(KHMZ) 4 N UTC-5(-4DT) N40°05.17' W78°30.81'

WASHINGTON
H-10H, 121, L-29D
IAP

1162 B NOTAM FILE AOO

RWY 14-32: H5006X75 (ASPH) S-38, D-60, 2D-100 MIRL

RWY 14: REIL. PAPI(P2R)—GA 3.0° TCH 41'. Trees. Rgt tfc.

RWY 32: REIL. PAPI(P2L)—GA 4.0° TCH 53'. Trees.

SERVICE: S4 FUEL 100LL, JET A OX 1 LGT ACTIVATE MIRL Rwy 14-32 and REIL Rwy 14 and Rwy 32—CTAF. REIL ACTIVATE only with 5 or 7 clicks. Rwy 14 PAPI and Rwy 32 opr continuously. Ldg fee for all acft except light single engine with fuel purchase.

AIRPORT REMARKS: Attended Mon-Fri 1300-2130Z†, Sat 1300-2130Z†, Sun 1300-2130Z†. For svc after hrs ctc 814-494-0929. High terrain (mountain ridges) southeast of arpt lgt'd with red obstruction lghts.

AIRPORT MANAGER: 814-623-0704

WEATHER DATA SOURCES: AWOS-3 123.675 (814) 623-2936.

COMMUNICATIONS: CTAF/UNICOM 122.7

Ⓡ **JOHNSTOWN APP/DEP CON** 121.2 (1200-0400Z†) or ctc 814-532-5960.

Ⓡ **CLEVELAND CENTER APP/DEP CON** 124.4 (0400-1200Z†) or ctc Cleveland ARTCC 440-774-0234.

CLEARANCE DELIVERY PHONE: For CD ctc Johnstown Apch at 814-532-5960, when Apch clsd ctc Cleveland ARTCC at 440-774-0213.

RADIO AIDS TO NAVIGATION: NOTAM FILE AOO.

ST THOMAS (L) TACAN Chan 97 THS (115.0) N39°55.99' W77°57.06' 297° 27.5 NM to fld. 2338/7W.



BELLEFONTE (N96) 3 SW UTC-5(-4DT) N40°53.13' W77°48.97'

DETROIT
L-30I
IAP

1072 B TPA-2101(1029) NOTAM FILE AOO

RWY 07-25: H3632X60 (ASPH) RWY LGTS(NSTD) 0.3% up SW

RWY 07: Tree.

RWY 25: PAPI(P2L)—GA 3.5° TCH 40'. Tree. Rgt tfc.

SERVICE: S4 FUEL 100LL, JET A LGT ACTIVATE PAPI Rwy 25, LIRL Rwy 07-25—122.7. ACTIVATE rotating bcn—122.7. Rwy 25 rwy thld lgts located 43' past rwy thld marking.

AIRPORT REMARKS: Attended 1300Z†-dusk. For svc after hrs ctc 814-355-7407 or 814-883-7646. Ultralights on and infov arpt. All helicopters rqr'd to use fixed wing tfc pat. Heavy glider activity during dalgt hrs, all alts within 10 NM area, all directions, especially along ridge 1 NM west and north of arpt. Ctc UNV twr (University Park) 128.475 prior to entering Class D airspace. Rwy 07-25 markings extremely faded.

AIRPORT MANAGER: 814-355-7407

COMMUNICATIONS: CTAF/UNICOM 122.8

Ⓡ **NEW YORK CENTER APP/DEP CON** 134.8

CLNC DEL 125.725

RADIO AIDS TO NAVIGATION: NOTAM FILE AOO.

PHILIPSBURG (VH) (H) VORTAC 115.5 PSB Chan 102 N40°54.98' W77°59.56' 113° 8.2 NM to fld. 2443/10W.

VOR unusable:

- 005°-010° byd 40 NM
- 035°-060° byd 40 NM
- 095°-104° byd 40 NM
- 105°-115° byd 40 NM blo 18,000'
- 116°-145° byd 40 NM
- 146°-156° byd 40 NM blo 5,000'
- 146°-156° byd 70 NM
- 157°-171° byd 40 NM
- 172°-189° byd 40 NM blo 10,000'
- 172°-189° byd 78 NM
- 200°-205° byd 40 NM
- 320°-325° byd 40 NM

COMM/NAV/WEATHER REMARKS: Clearance delivery pvdd by New York ARTCC on freq 118.55 when UNV twr clsd.



BELLSGROVE N40°26.14' W76°33.18' NOTAM FILE IPT.

NEW YORK
L-30I, 34G, A

NDB (MHW) 328 BZJ at Muir AAF (Fort Indiantown Gap). 480/10W.

BELTZVILLE (See LEHIGHTON on page 286)

BENDIGO (See TOWER CITY on page 312)

BENSALEM**TOTAL RF HELIPORT** (ØØA) 1 E UTC-5(-4DT) N40°04.25' W74°56.02'

NEW YORK

11 NOTAM FILE IPT

HELIPAD H1: H80X80 (ASPH) PERIMETER LGTS**HELIPORT REMARKS:** Unattended. After hrs 215-990-5300. Ingress/egress 290°-110° and 20'-200'.**AIRPORT MANAGER:** 215-990-5300**COMMUNICATIONS:** CTAF 122.9**CLEARANCE DELIVERY PHONE:** For CD ctc Philadelphia Apch at 800-354-9884.**BERMUDIAN VALLEY AIRPARK** (See KRALLTOWN on page 284)**BETHEL****GRIMES** (8N1) 2 E UTC-5(-4DT) N40°29.09' W76°15.81'

NEW YORK

582 NOTAM FILE IPT

RWY 11-29: 2720X100 (TURF)**RWY 11:** Thld dsplcd 250'. Road.**RWY 29:** Thld dsplcd 270'. Tree.**AIRPORT REMARKS:** Attended irregularly. AD CLOSED SS-SR. Parachute Jumping. Rwy 11-29 first 700 ft of rwy on west end unusable dur early spring due to wet conditions. Rwy 11-29 marked with white discs. Rwy 11-29 dsplcd thlds marked by red ground pavers.**AIRPORT MANAGER:** 717-933-9566**COMMUNICATIONS:** CTAF/UNICOM 122.8**CLEARANCE DELIVERY PHONE:** For CD ctc Reading ATCT at 610-478-9562. when clsd, ctc Harrisburg Apch at 800-932-0712.**BLOOMSBURG MUNI** (N13) 0 E UTC-5(-4DT) N40°59.86' W76°26.11'

NEW YORK

481 B NOTAM FILE IPT

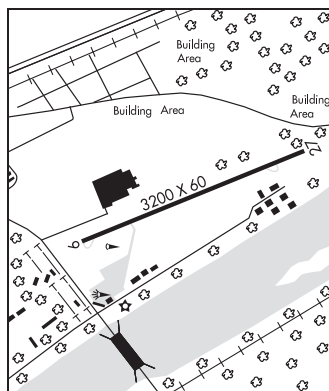
L-30J

RWY 09-27: H3200X60 (ASPH) S-12.5 MIRL

IAP

RWY 09: Trees.**SERVICE:** S4 FUEL 100LL LGT ACTIVATE MIRL Rwy 09-27-CTAF.**AIRPORT REMARKS:** Attended Mon-Fri 1330-2130Z, Sat-Sun irregularly.

For svc after hrs call 570-317-1966. Deer and geese invof rwy. After dusk, Rwy 09 preferred due to deer act east end of arpt.

AIRPORT MANAGER: (570) 317-2481**COMMUNICATIONS:** CTAF/UNICOM 122.8Ⓡ **WILKES-BARRE APP/DEP CON** 120.95**CLEARANCE DELIVERY PHONE:** For CD ctc Wilkes-Barre Apch at 570-655-2084.**RADIO AIDS TO NAVIGATION:** NOTAM FILE IPT.**MILTON (L) (L) VORTACW** 109.2 MIP Chan 29 N41°01.40' W76°39.92' 107° 10.6 NM to fld. 1000/9W.**BRADEN AIRPARK** (See EASTON on page 271)**BRADFORD CO** (See TOWANDA on page 312)

BRADFORD RGNL (BFD)(KBFD) 10 S UTC-5(-4DT) N41°48.18' W78°38.40'

DETROIT

2143 B ARFF Index—See Remarks NOTAM FILE BFD

H-10H, 12J, L-30I

RWY 14-32: H6307X150 (ASPH-GRVD) S-48, D-60, 2D-92 HIRL

IAP

RWY 14: REIL. VASI(V4L)—GA 3.0° TCH 42'. Trees.

RWY 32: MALSR. Pole.

RWY 05-23: H4499X100 (ASPH-GRVD) S-48, D-60 MIRL

0.3% up NE

RWY 05: REIL.

RWY 23: REIL. PAPI(P4L)—GA 3.0° TCH 40'. Trees.

RUNWAY DECLARED DISTANCE INFORMATION

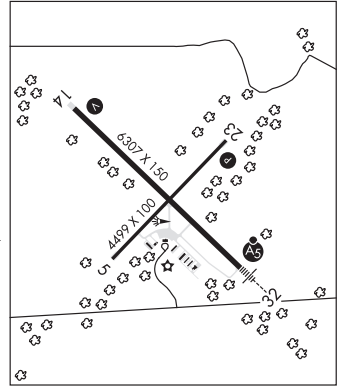
RWY 05: TORA-4499 TODA-4499 ASDA-4499 LDA-4499

RWY 14: TORA-6306 TODA-6306 ASDA-6306 LDA-6306

RWY 23: TORA-4499 TODA-4499 ASDA-4499 LDA-4499

RWY 32: TORA-6306 TODA-6306 ASDA-6306 LDA-6306

SERVICE: S2 FUEL 100LL, JET A+ LGT ACTIVATE MALSR Rwy 32; REIL Rwy 05, Rwy 23 and Rwy 14; VASI Rwy 14; PAPI Rwy 23; MIRL Rwy 05-23; HIRL Rwy 14-32; twy lgts—CTAF.



AIRPORT REMARKS: Attended 1200-0100Z†. Arpt unatndd, no snow removal avbl daily 0100-1200Z†. Conds not mnt outside nml hrs of atndc. Deer & birds on & invof arpt. Class I, ARFF Index A. PPR 24 hrs for unsked acft ops with more than 30 psgr seats; call amgr 814-368-5928 x 10. Index B coverage avbl 1200-0100Z†; after 0100Z† for emerg call McKean County 911 at 814-887-4911. Aircraft deicing avbl. Ldg fee.

AIRPORT MANAGER: 814-368-5928

WEATHER DATA SOURCES: ASOS 133.825 (814) 368-2581.

COMMUNICATIONS: CTAF/UNICOM 123.075

RCO 122.2 (ALTOONA RADIO)

® CLEVELAND CENTER APP/DEP CON 124.325

CLEARANCE DELIVERY PHONE: For CD ctc Cleveland ARTCC at 440-774-0227.

AIRSPACE: CLASS E svc 1100-0330Z† Mon-Fri, 1100-2330Z† Sat, 1300-0330Z† Sun; other times CLASS G.

RADIO AIDS TO NAVIGATION: NOTAM FILE BFD.

(L) DME 116.6 BFD Chan 113 N41°47.18' W78°37.16' 317° 1.4 NM to fld. 2110.

DME unusable:

Wi 1 NM

ILS 108.3 I-BFD Rwy 32. Class IB.

BRADFORD N41°47.18' W78°37.16' NOTAM FILE BFD.

DETROIT

(L) DME 116.6 BFD Chan 113 317° 1.4 NM to Bradford Rgnl. 2110.

L-30I

DME unusable:

Wi 1 NM

RCO 122.2 (ALTOONA RADIO)

BRANDYWINE RGNL (See WEST CHESTER on page 315)

BREEZEWOOD

GREATER BREEZEWOOD RGNL (P17) 7 S UTC-5(-4DT) N39°52.46' W78°17.86'

CINCINNATI

1345 NOTAM FILE AOO

RWY 03-21: 3073X100 (TURF)

RWY 03: Rgt tfc.

RWY 21: Tree.

AIRPORT REMARKS: Unattended. Deer and wildlife on and invof arpt, low pass encouraged. BGldr towing and activity on arpt.

Call main nr for ficons or 814-327-8287. Rwy marked with white plastic barrels. Rwy 03 preferred for lndg. Rwy 21

preferred for tkof.

AIRPORT MANAGER: 814-784-0093

COMMUNICATIONS: CTAF 122.9 (Opr Hrs 1100-0100Z†).

CLEARANCE DELIVERY PHONE: For CD ctc Johnstown Apch at 814-532-5960, when Apch clsd ctc Cleveland ARTCC at 440-774-0213.

BROGUE**BAULBITZ COMMERCIAL** (9W8) 1 S UTC-5(-4DT) N39°51.14' W76°29.18'

WASHINGTON

750 B NOTAM FILE IPT

RWY 10-28: 2493X100 (TURF)**RWY 10:** Thld dsplcd 476'. Pole.**RWY 28:** Thld dsplcd 200'. Road.**SERVICE:** S2 FUEL 100LL**AIRPORT REMARKS:** Attended dalg't hrs. No winter snow removal. Rwy 10-28 edges marked by white flush painted markers.

Rwy 10-28 edges and rwy ends marked by white flush painted markers co-located with orange cones. Rwy 10 dsplcd thld marked by 3 white flush markers each side of rwy. Rwy 28 dsplcd thld marked by 3 white flush markers each side of rwy. Rwy 28 at west end last 400' slopes downward 16'.

AIRPORT MANAGER: (717) 870-4076**COMMUNICATIONS:** CTAF 122.9**CLEARANCE DELIVERY PHONE:** For CD ctc Potomac Apch at 866-429-5882.**BROKENSTRAW** (See PITTSFIELD on page 300)**BUTLER****BUTLER FARM SHOW** (3G9) 3 W UTC-5(-4DT) N40°51.15' W79°58.49'

DETROIT

1333 B NOTAM FILE AOO

RWY 18-36: H2580X38 (ASPH) S-9 LIRL(NSTD)**RWY 18:** Thld dsplcd 180'. Pole.**RWY 36:** Thld dsplcd 197'. Trees.**SERVICE:** FUEL 100LL LGT ACTIVATE LIRL—CTAF. Arpt bcn ops dusk-1000Z±. Rwy 18-36 NSTD LIRL 50' from rwy. Lgtd wind "T" dusk to dawn.**AIRPORT REMARKS:** Attended irregularly. Deer and bird activity on and invof rwy. Ultralight ops prohibited. Pre-coordinate fuel svc. Rwy 18-36 CLOSED to touch and go ldg. Rwy 36 open for tkof and Indg SR to SS; clsd for Indg for SS to SR. Dsplcd rwy ends avbl for take off and roll out. Rwy 18-36 single wheel capacity 9000 lbs. + 22' marked p-line 292' from Rwy 18 thld on extdd centerline.**AIRPORT MANAGER:** 724-991-2208**COMMUNICATIONS:** CTAF/UNICOM 122.7**CLEARANCE DELIVERY PHONE:** For CD ctc Pittsburgh Apch at 412-472-5591**PITTSBURGH/BUTLER RGNL** (BTP)(KBTP) 5 SW UTC-5(-4DT) N40°46.60' W79°57.07'

DETROIT

1248 B NOTAM FILE BTP MON Airport

L-29C

RWY 08-26: H4801X100 (ASPH-GRVD) S-37, D-50 HIRL

IAP

0.3% up E

RWY 08: MALSF, PAPI(P4L)—GA 3.0° TCH 53'. Trees.**RWY 26:** REIL, PAPI(P4L)—GA 3.5° TCH 52'. Trees.**SERVICE:** S4 FUEL 100LL, JET A, A+ OX 1, 2 LGT Actvt MALSF Rwy 08; REIL Rwy 26; PAPI Rwy 08 & 26; HIRL Rwy 08-26—CTAF.**NOISE:** Noise abatement procedures in effect; climb to 2000' before turning.**AIRPORT REMARKS:** Attended Mon-Fri 1200-0000Z±, Sat-Sun 1300-2300Z±. Unattended Christmas Day and Easter Day. Deer and birds on and invof arpt. Arpt ofc hrs 1300-2100 M-F, clsd hols. 100LL self-serve avbl.**AIRPORT MANAGER:** 724-586-6665**WEATHER DATA SOURCES:** AWOS-3PT 121.450 (724) 586-6434. SAWRS.**COMMUNICATIONS:** CTAF/UNICOM 123.05**ELLWOOD CITY RCO** 122.1R 115.8T (ALTOONA RADIO)Ⓡ **PITTSBURGH APP/DEP CON** 124.75

CLNC DEL 119.4

RADIO AIDS TO NAVIGATION: NOTAM FILE AOO.**ELLWOOD CITY (VH) (H) VOR/DME** 115.8 EWC Chan 105

N40°49.50' W80°12.69' 112° 12.2 NM to fld. 1227/8W.

VOR unusable:

285°-335°

ILS 111.5 I-BTP Rwy 08.

**BUTTER VALLEY GOLF PORT** (See BALLY on page 260)

CAMOR N39°52.97' W79°44.68' NOTAM FILE AOO.
NDB (MHW/LOM) 299 VV 049° 6.1 NM to Joseph A Hardy Connellsville. 1020/8W.
 NDB unusable:
 Byd 10 NM

CINCINNATI
 L-29C

CANADENSIS

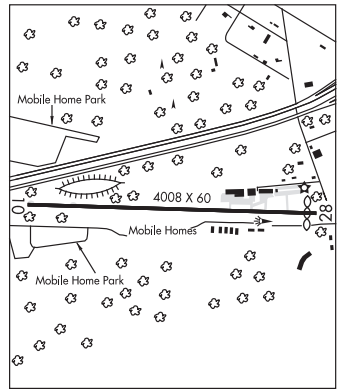
FLYING DOLLAR (8N4) 2 N UTC-5(-4DT) N41°12.90' W75°14.81'
 1430 NOTAM FILE IPT
RWY 02-20: 2405X100 (TURF) 4.5% UP N
RWY 20: Trees.
AIRPORT REMARKS: Attended irregularly. Deer and wildlife on and invof rwy. No snow removal. Ldg prohibited Rwy 20, departure prohibited Rwy 02. Rwy 02-20 marked with white cones. Announce tfc on—CTAF 122.9
AIRPORT MANAGER: 646-298-4753
COMMUNICATIONS: CTAF 122.9
CLEARANCE DELIVERY PHONE: For CD ctc Wilkes-Barre Apch at 570-655-2084.

NEW YORK

CAPITAL CITY (See HARRISBURG on page 279)

CARLISLE (N94) 2 SE UTC-5(-4DT) N40°11.27' W77°10.46'
 510 B NOTAM FILE IPT
RWY 10-28: H4008X60 (ASPH) S-12.5, D-12.5 LIRL
RWY 28: Thld dspclcd 126'. Trees.
SERVICE: S2 FUEL 100LL, JET A+ LGT ACTVT LIRL Rwy 10-28—CTAF.
AIRPORT REMARKS: Attended Mon-Fri 1400-2200Z†. Nov 15-Mar 1 Sat-Sun unattended. Mar 2-Nov 14 Sat-Sun 1400-2100Z†. During ngt ops trailer park lgts located south of rwy could be mistaken for rwy lgts. Deer and birds on and invof arpt. Lrg bird act increased .5 NM W apch end Rwy 10.
AIRPORT MANAGER: 717-448-7730
COMMUNICATIONS: CTAF/UNICOM 122.8
 Ⓡ HARRISBURG APP/DEP CON 124.1
CLEARANCE DELIVERY PHONE: For CD ctc Harrisburg Apch at 800-932-0712.
RADIO AIDS TO NAVIGATION: NOTAM FILE CXY.
HARRISBURG (L) VORTACW 115.35 HAR Chan 100(Y)
 N40°18.13' W77°04.17' 225° 8.4 NM to fld. 1301/10W.
 VOR unusable:
 069°-071°
 084°-087° byd 20 NM blo 5,000'
 084°-087° byd 30 NM
 097°-107° byd 10 NM
 116°-120° byd 25 NM blo 4,000'

DETROIT
 L-29E, A
 IAP



CASTLE N41°01.38' W80°24.95' NOTAM FILE AOO.
NDB (MHW) 272 UCP at New Castle Muni. 1023/9W.

DETROIT
 L-30H

CENTRE AIRPARK (See CENTRE HALL on page 265)

CENTRE HALL

CENTRE AIRPARK (N16) 2 SE UTC-5(-4DT) N40°48.70' W77°39.43'
 1307 NOTAM FILE AOO
RWY 06-24: 3100X210 (TURF)
RWY 06: Thld dspclcd 400'. Road.
RWY 24: Thld dspclcd 400'. Trees.
AIRPORT REMARKS: Attended irregularly. For svc after hrs call 570-419-7509. Ultralight activity on and invof arpt. RC airplane ops on invof arpt. Rwy 06-24 not maintained winter months. Rwy 06 thld unmarked. Rwy dspclcd thld marked at 700'. Rwy 24 thld unmarked. Rwy 24 dspclcd thld marked at 650'.
AIRPORT MANAGER: (814) 364-9188
COMMUNICATIONS: CTAF/UNICOM 122.7
CLEARANCE DELIVERY PHONE: For CD ctc New York ARTCC at 631-468-1425.

DETROIT

PENNS CAVE (N74) 4 NE UTC-5(-4DT) N40°53.40' W77°36.19'
1245 NOTAM FILE AOO

DETROIT

RWY 07-25: H2509X40 (ASPH) 0.9% up NE

RWY 07: Tree.

RWY 25: Tree.

AIRPORT REMARKS: Attended irregularly. For svc call (814) 364-1479. Deer on and invof arpt at ngt. 750' AGL mountains 1/2 mile south and 700' AGL mountain 1/2 mile north, both unlgtd and unmarked. Rwy 07-25 first 864' of Rwy 07 has a 3.3% upslope. No ngt ops.

AIRPORT MANAGER: 814-364-1479

COMMUNICATIONS: CTAF/UNICOM 122.8

CLEARANCE DELIVERY PHONE: For CD ctc New York ARTCC at 631-468-1425.

CHAMBERSBURG

FRANKLIN CO RGNL (N68) 3 N UTC-5(-4DT) N39°58.38' W77°38.60'
688 B NOTAM FILE IPT

WASHINGTON
L-29D, A
IAP

RWY 06-24: H3300X75 (ASPH) S-12.5 MIRL

RWY 06: PAPI(P2R)—GA 3.0° TCH 40'.

RWY 24: PAPI(P2L)—GA 3.0° TCH 40'. Trees. Rgt tfc.

SERVICE: S2 LGT Actvt MIRL Rwy 06-24—CTAF.

AIRPORT REMARKS: Unattended. Parachute Jumping. Parachute jumping activity on and invof arpt.

AIRPORT MANAGER: 717-948-3900

WEATHER DATA SOURCES: AWOS-3 120.725 (717) 261-1943.

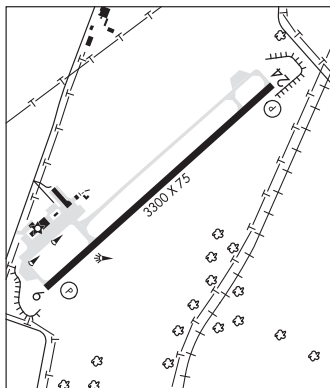
COMMUNICATIONS: CTAF 122.9

Ⓡ **HARRISBURG APP/DEP CON** 124.1

CLEARANCE DELIVERY PHONE: For CD ctc Harrisburg Apch at 800-932-0712.

RADIO AIDS TO NAVIGATION: NOTAM FILE AOO.

ST THOMAS (L) TACAN Chan 97 THS (115.0) N39°55.99'
W77°57.06' 087° 14.4 NM to fld. 2338/7W.



CHERRY RIDGE (See HONESDALE on page 281)

CHESTER CO G O CARLSON (See COATESVILLE on page 267)

CLARION CO (AXQ)(KAXQ) 3 NW UTC-5(-4DT) N41°13.50' W79°26.53'
1458 B NOTAM FILE AOO

DETROIT
H-10H, 12I, L-30H
IAP

RWY 06-24: H5003X75 (ASPH) S-15 MIRL 0.5% up NE

RWY 06: REIL. PAPI(P2L)—GA 3.0° TCH 40'. Trees.

RWY 24: REIL. PAPI(P2L)—GA 3.0° TCH 40'. Trees.

SERVICE: FUEL 100LL, JET A+ LGT ACTIVATE MIRL Rwy 06-24, REIL Rwy 06 and Rwy 24 and PAPI Rwy 06 and Rwy 24—CTAF.

AIRPORT REMARKS: Attended Mon-Sat 1300-2100Z†. Unattended Christmas, Easter and Thanksgiving. Single point refueling avbl upon request. Ldg fee.

AIRPORT MANAGER: (814) 226-9993

WEATHER DATA SOURCES: AWOS-3 118.275 (814) 297-1486.

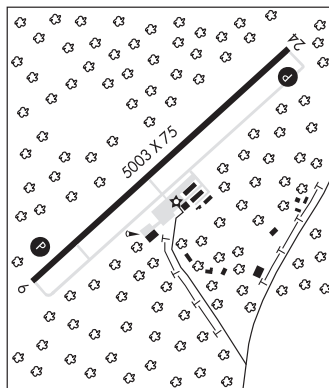
COMMUNICATIONS: CTAF/UNICOM 122.8

Ⓡ **CLEVELAND CENTER APP/DEP CON** 126.725 or call 440-774-0234.

CLEARANCE DELIVERY PHONE: For CD ctc Cleveland ARTCC at 440-774-0234/0442.

RADIO AIDS TO NAVIGATION: NOTAM FILE AOO.

(L) **DME** 112.9 CIP Chan 76 N41°08.78'
W79°27.48' 009° 4.8 NM to fld. 1520.



CLARION N41°08.78' W79°27.48' NOTAM FILE AOO.
(L) **DME** 112.9 CIP Chan 76 009° 4.8 NM to Clarion Co. 1520.

DETROIT
H-10H, L-30H

CLEARFIELD—LAWRENCE (FIG)(KFIG) 2 NE UTC-5(-4DT) N41°02.95' W78°24.91'

DETROIT
L-301
IAP

1516 B NOTAM FILE FIG

RWY 12-30: H4499X75 (ASPH) S-12.5 MIRL

RWY 12: PAPI(P2L)—GA 3.1° TCH 29'.

RWY 30: REIL. PAPI(P4L)—GA 3.0° TCH 27'.

SERVICE: FUEL 100LL, JET A LGT ACTIVATE REIL Rwy 30, PAPI Rwy 12 and Rwy 30, MIRL Rwy 12-30—CTAF.

AIRPORT REMARKS: Attended 1300-2200Z±. Aft hrs call 814-335-8252. Clsd Christmas.

AIRPORT MANAGER: 814-768-7710

WEATHER DATA SOURCES: ASOS 119.275 (814) 765-9703.

COMMUNICATIONS: CTAF/UNICOM 122.725

® **NEW YORK CENTER APP/DEP CON** 134.8

CLEARANCE DELIVERY PHONE: For CD ctc New York ARTCC at 631-468-1425.

RADIO AIDS TO NAVIGATION: NOTAM FILE AOO.

PHILIPSBURG (VH) (H) VORTAC 115.5 PSB Chan 102 N40°54.98' W77°59.56' 303° 20.8 NM to fld. 2443/10W.

VOR unusable:

005°-010° byd 40 NM

035°-060° byd 40 NM

095°-104° byd 40 NM

105°-115° byd 40 NM blo 18,000'

116°-145° byd 40 NM

146°-156° byd 40 NM blo 5,000'

146°-156° byd 70 NM

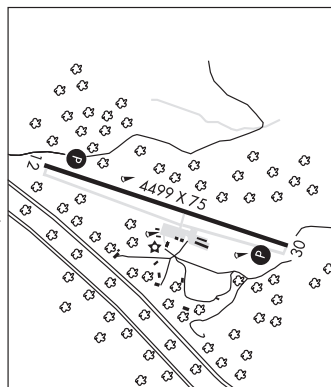
157°-171° byd 40 NM

172°-189° byd 40 NM blo 10,000'

172°-189° byd 78 NM

200°-205° byd 40 NM

320°-325° byd 40 NM



COATESVILLE

CHESTER CO G O CARLSON (MQS)(KMQS) 2 W UTC-5(-4DT) N39°58.74' W75°51.93'

WASHINGTON
H-101, 121, L-346, A
IAP

660 B NOTAM FILE IPT

RWY 11-29: H5400X100 (ASPH-GRVD) S-30, D-48 HIRL

0.4% up E

RWY 11: REIL. VASI(V4R)—GA 3.0° TCH 52'. Tree.

RWY 29: REIL. PAPI(P4L)—GA 3.0° TCH 57'. Trees.

SERVICE: S4 FUEL 100LL, JET A OX 1, 2, 3, 4 LGT Dusk-Dawn.

ACTVT REIL Rwy 11-29; VASI Rwy 11; HIRL Rwy 11-29—CTAF.

NOISE: Noise abatement procedures in effect ctc FBO 610-384-9000.

AIRPORT REMARKS: Attended 1100-0300Z±. Migratory birds and deer on and in/ovf arpt. Helicopter ops in/ovf arpt south and southwest of Rwy 11 thld. For svc after hrs ctc 610-384-9000. Helicopter tfc requested to land and tkf from rwy only. Hover taxi along Twy A prohibited. Wheel taxi on txy or hover from rwy to ramp side parking spot by crossing perpendicular to Alpha. Helicopter hover taxiing, tkfs and ldgs prohibited from Twy A. +164' water twr 1343' from Rwy 11 thld 1842' right marked with strobe lgt dalgt hrs, standard obstruction lgt ngt hrs.

AIRPORT MANAGER: 610-383-6057

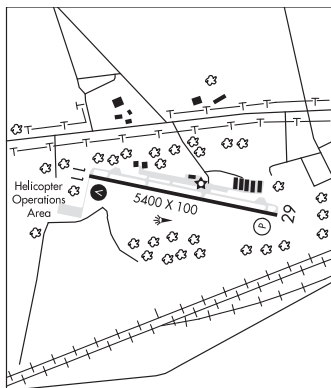
WEATHER DATA SOURCES: AWOS-3 126.25 (610) 384-6132.

COMMUNICATIONS: CTAF/UNICOM 122.7

® **PHILADELPHIA APP/DEP CON** 124.35

CLNC DEL 125.6

CLEARANCE DELIVERY PHONE: For CD ctc Philadelphia Apch at 800-354-9884.



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RADIO AIDS TO NAVIGATION: NOTAM FILE IPT.

MODENA (L) (L) VORTACW 113.2 MXE Chan 79 N39°55.08' W75°40.25' 301° 9.7 NM to fld. 473/9W.

VOR unusable:

036°-046°

047°-057° byd 10 NM

058°-085°

170°-248° byd 27 NM blo 7,500'

170°-248° byd 30 NM blo 9,500'

170°-248° byd 8 NM blo 6,000'

268°-278° byd 28 NM

278°-290° blo 10,000'

290°-326°

ILS 108.5 I-MQS Rwy 29. Class IA.

CONNELLSVILLE

JOSEPH A HARDY CONNELLSVILLE (VVS)(KVV) 5 SW UTC-5(-4DT) N39°57.54' W79°39.45' CINCINNATI

1264 B NOTAM FILE AOO

L-29C

RWY 05-23: H3833X100 (ASPH) S-12.5 MIRL 1.2% up NE

IAP

RWY 05: REIL. PAPI(P2L)—GA 3.0° TCH 41'.

RWY 23: PAPI(P2R)—GA 3.0° TCH 20'.

RWY 14-32: H2404X100 (ASPH) S-12.5 MIRL 0.4% up SE

RWY 14: PAPI(P2L)—GA 3.0° TCH 27'. Trees.

RWY 32: Trees.

SERVICE: S4 FUEL 100LL, JET A LGT ACTVT REIL Rwy 05; PAPI Rwy 05, 23 and 14. MIRL Rwy 05-23 and Rwy 14-32—CTAF. Rwy 14-32 thld & edge lgt ots indef. Rwy 14 PAPI ots indef.

AIRPORT REMARKS: Attended 1300-2200Z±. Deer and birds on and invof arpt. Self svc 100LL avbl 24 hrs; credit card only.

Rwy 23 has a 265 ft relocated thr for taxi only. Rwy 14 has a 315 ft relocated thr for taxi only, Rwy 32 has a 260 ft relocated thr for taxi only. Twy B clsd to acft wingspan more than 40'. Ldg fee for all acft over 6,000 lbs gross weight waived for fuel purchase.

AIRPORT MANAGER: 724-628-2276

WEATHER DATA SOURCES: AWOS-3P 133.325 (724) 626-8745.

COMMUNICATIONS: CTAF/UNICOM 122.8

Ⓡ CLARKSBURG APP/DEP CON 119.425 (1200-0400Z±)

Ⓡ CLEVELAND CENTER APP/DEP CON 124.4 (0400-1200Z±)

CLEARANCE DELIVERY PHONE: For CD ctc Clarksburg Apch at 304-842-2011, when Apch clsd ctc Cleveland ARTCC at 440-774-0226.

RADIO AIDS TO NAVIGATION: NOTAM FILE AOO.

INDIAN HEAD (L) TACAN Chan 19 IHD (108.2) N39°58.45' W79°21.50' 272° 13.8 NM to fld. 2820/6W.

TACAN AZIMUTH OTS indef

CAMOR NDB (MHW/LOM) 299 VV N39°52.97' W79°44.68' 049° 6.1 NM to fld. 1020/8W.

NDB unusable:

Byd 10 NM

LOC 110.7 I-VVS Rwy 05. LOM CAMOR NDB. LOC unmonitored indef.

CORRY-LAWRENCE (8G2) 1 S UTC-5(-4DT) N41°54.45' W79°38.46'

DETROIT
L-30H
IAP

1766 B NOTAM FILE AOO
RWY 14-32: H4101X75 (ASPH) S-12.5 MIRL 1.7% up SE
RWY 14: REIL. Trees.
RWY 32: REIL.

SERVICE: FUEL 100LL LGT ACTIVATE MIRL Rwy 14-32 and REIL Rwys 14 and 32-CTAF.

AIRPORT REMARKS: Attended irregularly. Birds on and invof arpt. Airport unatndd no fuel sales.

AIRPORT MANAGER: 814-462-5652
COMMUNICATIONS: CTAF/AUNICOM 122.8

Ⓡ BUFFALO APP/DEP CON 121.0 (1100-0500Z‡)

Ⓡ CLEVELAND CENTER APP/DEP CON 127.075 (0500-1100Z‡) ctc Cleveland ARTCC at 440-774-0227.

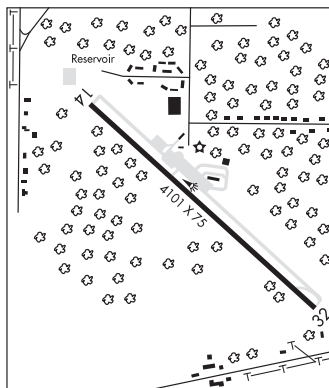
CLEARANCE DELIVERY PHONE: For CD ctc Buffalo Apch at 716-626-6920, when Apch clsd ctc Cleveland ARTCC at 440-774-0232.

RADIO AIDS TO NAVIGATION: NOTAM FILE AOO.

TIDIOUTE (L) DME 117.6 TDT Chan 123 N41°42.78' W79°25.04' 319° 15.4 NM to fld. 1710.

DME unusable:

041°-051° byd 30 NM blo 4,000'
305°-340° byd 24 NM blo 3,500'
340°-005° byd 24 NM blo 5,000'



COVE VALLEY (See WILLIAMSBURG on page 316)

CRESCO

ROCKY HILL (48P) 1 SE UTC-5(-4DT) N41°08.91' W75°16.52'

NEW YORK

1240 NOTAM FILE IPT
RWY 09-27: 1000X100 (TURF)

RWY 09: Thld dspcld 130'. Trees.

RWY 27: Thld dspcld 80'. Trees.

AIRPORT REMARKS: Unattended. Deer and wildlife on and invof arpt. Announce tfc on-CTAF 122.9.

AIRPORT MANAGER: 570-595-2269

COMMUNICATIONS: CTAF 122.9

CLEARANCE DELIVERY PHONE: For CD ctc Allentown Apch at 800-728-6322.

DANVILLE (8N8) 3 SW UTC-5(-4DT) N40°56.90' W76°38.64'

NEW YORK

559 B NOTAM FILE IPT

L-30J

RWY 09-27: H3000X60 (ASPH) MIRL 0.4% up E

IAP

RWY 09: Trees.

RWY 27: Trees.

SERVICE: S4 LGT Lighting NSTD. ACTVT MIRL Rwy 09-27 drg periods of darkness only-CTAF. Rwy 27 thld lgts dspcld 365' from rwy end for ngt displacement. Rwy end lgtd with two red lgts on left side (NSTD).

AIRPORT REMARKS: Attended irregularly. After hrs ctc 570-274-6190. Deer and wildlife on and invof arpt. Radio controlled airplane ops N of rwy. Main ramp no prop wash invof main hangar due to acct painting.

AIRPORT MANAGER: 570-274-6190

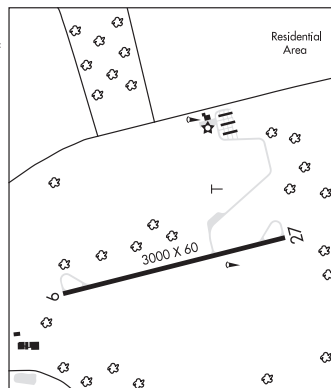
COMMUNICATIONS: CTAF/UNICOM 122.8

Ⓡ WILKES-BARRE APP/DEP CON 126.3

CLEARANCE DELIVERY PHONE: For CD ctc Wilkes-Barre Apch at 570-655-2084.

RADIO AIDS TO NAVIGATION: NOTAM FILE IPT.

MILTON (L) VORTACW 109.2 MIP Chan 29 N41°01.40' W76°39.92' 177° 4.6 NM to fld. 1000/9W.



DECK (See MYERSTOWN on page 292)

DONEGAL SPRINGS AIRPARK (See MOUNT JOY/MARIETTA on page 290)

DOVER

LAZY B RANCH (ØP8) 3 E UTC-5(-4DT) N40°01.47' W76°48.92'

NEW YORK

476 NOTAM FILE IPT

RWY 05-23: H2400X60 (ASPH-CONC) LIRL 1.3% up SW

RWY 23: Trees.

SERVICE: S4 **LGT** For LIRL Rwy 05-23 key 122.9 five times.

AIRPORT REMARKS: Unattended. Ctc arpt manager 717-292-7029. Deer invof arpt. Turf area parallel to Rwy 05-23, for taxi only, marked with yellow cones.

AIRPORT MANAGER: 717-577-8827

COMMUNICATIONS: CTAF 122.9

CLEARANCE DELIVERY PHONE: For CD ctc Harrisburg Apch at 800-932-0712.

DOYLESTOWN (DYL)(KDYL) 2 N UTC-5(-4DT) N40°19.98' W75°07.34'

NEW YORK

394 B NOTAM FILE DYL

L-34G, A

RWY 05-23: H3002X60 (ASPH) S-12 MIRL

IAP

RWY 05: SAVASI(S2L)—GA 5.0°. Tree.

RWY 23: REIL. PAPI(P2L)—GA 3.0° TCH 20'. Tree.

SERVICE: S4 **FUEL** 100LL, JET A **LGT** Actvt REIL Rwy 23; MIRL Rwy 05-23—CTAF. MIRL Rwy 05-23 opr consly SS-SR.

NOISE: Noise abatement procedures in effect, ctc arpt manager 215-340-0707.

AIRPORT REMARKS: Attended 1200Z±-dusk. Deer, geese and other wildlife on and invof rwy. No svcs avbl Christmas, New Years and Thanksgiving. Touch and go ldgs prohibited. Midfield twy clsd indef. Rwy 05 is used for crosswind and calm wind rwy.

AIRPORT MANAGER: 215-340-0707

WEATHER DATA SOURCES: ASOS 118.875 (215) 345-0392.

COMMUNICATIONS: CTAF/UNICOM 122.975

® **PHILADELPHIA APP/DEP CON** 123.8

CLNC DEL 118.55

CLEARANCE DELIVERY PHONE: For CD ctc Philadelphia Apch at 800-354-9884.

RADIO AIDS TO NAVIGATION: NOTAM FILE IPT.

YARDLEY (L) (L) VOR/DME 108.2 ARD Chan 19 N40°15.20' W74°54.46' 306° 11.0 NM to fld. 294/10W.

VOR unusable:

020°-040°

195°-225° byd 25 NM blo 5,000'

250°-265° blo 3,500'

266°-280° byd 20 NM blo 5,000'

281°-300° byd 14 NM blo 6,000'

DME unusable:

225°-275° byd 25 NM blo 5,000'



DUBOIS RGNL (DUJ)(KDUJ) 7 NW UTC-5(-4DT) N41°10.70' W78°53.92'

DETROIT

1817 B Class II, ARFF Index A NOTAM FILE DUJ
RWY 07-25: H5503X100 (ASPH-GRVD) S-45, D-60, 2D-93
 PCN 18 F/C/X/U HIRL

H-10H, 12I, L-30I
 IAP

RWY 07: REIL. VASI(V2L)—GA 3.0° TCH 28'. Trees.
RWY 25: MALSR. PAPI(P4L)—GA 3.0° TCH 58'. Trees.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 07: TORA-5503 TODA-5503 ASDA-5503 LDA-5503
RWY 25: TORA-5503 TODA-5503 ASDA-5503 LDA-5503

SERVICE: FUEL 100LL, JET A **LGT** ACTIVATE HIRL Rwy 07-25, REIL and VASI Rwy 07, MALSR Rwy 25, twy lgts—CTAF.

AIRPORT REMARKS: Attended Mon-Fri 1000-0300Z‡, Sat 1230-0130Z‡, Sun 1230-0100Z‡. Flocks of birds on and in/ov apt.

AIRPORT MANAGER: 814-328-5311

WEATHER DATA SOURCES: ASOS 119.025 (814) 328-5140.

COMMUNICATIONS: CTAF/UNICOM 123.0

DU BOIS RCO 122.2 (ALTOONA RADIO)

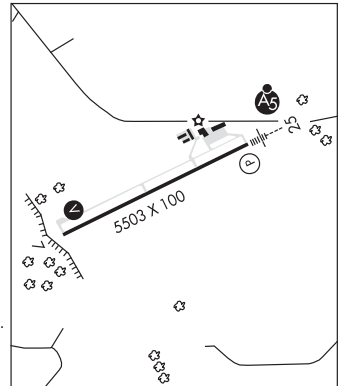
Ⓡ **CLEVELAND CENTER APP/DEP CON** 126.725

CLEARANCE DELIVERY PHONE: For CD ctc Cleveland ARTCC at 440-774-0234.

AIRSPACE: CLASS E svc 1025-0330Z‡ Mon-Fri, 1300-2300Z‡ Sat, 1300-0330Z‡ Sun; other times CLASS G.

RADIO AIDS TO NAVIGATION: NOTAM FILE AOO.

CLARION (L) DME 112.9 CIP Chan 76 N41°08.78' W79°27.48' 085° 25.4 NM to fld. 1520.
 ILS 109.9 I-DUJ Rwy 25. Class IE.



EAST TEXAS N40°34.86' W75°41.04' NOTAM FILE IPT.

NEW YORK

(L) **VOR/DME** 110.2 ETX Chan 39 103° 9.0 NM to Allentown Queen City Muni. 741/9W.

H-10I, L-30K, 34G

VOR unusable:
 255°-265°

RCO 122.4 (WILLIAMSPORT RADIO)

EASTON

BRADEN AIRPARK (N43) 3 N UTC-5(-4DT) N40°44.53' W75°14.58'

NEW YORK

397 B NOTAM FILE IPT

L-33A, 34H

RWY 18-36: H1956X165 (ASPH-TURF) LIRL(NSTD) 0.5% up N

IAP

RWY 18: Thld displcd 192'. Tree.

RWY 36: Trees.

SERVICE: S2 FUEL 100LL **LGT** Rwy 18-36 NSTD LIRL, lgts spaced at 400' intervals.

AIRPORT REMARKS: Attended 1300-2130Z‡. Rwy 18-36 1956 ft by 50 ft asph aligned in center of 165 ft turf strip. Acft may not be visible on all parts of fld. 24 hr self serve fuel avbl.

AIRPORT MANAGER: 610-231-5270

COMMUNICATIONS: CTAF/UNICOM 123.0

Ⓡ **ALLENTOWN APP/DEP CON** 119.65 (3000' and blo) 124.45 (abv 3000')

CLEARANCE DELIVERY PHONE: For CD ctc Allentown Apch at 800-728-6322.

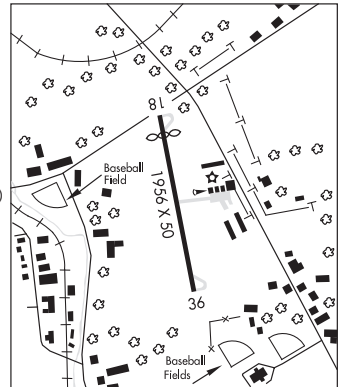
RADIO AIDS TO NAVIGATION: NOTAM FILE ABE.

ALLENTOWN (L) (L) VORTACW 117.5 FJC Chan 122 N40°43.60' W75°27.28' 094° 9.7 NM to fld. 681/10W.

TACAN AZIMUTH & DME unusable:
 061°-299° byd 30 NM blo 4,000'
 300°-060° byd 26 NM blo 4,500'

VOR unusable:

021°-189° byd 10 NM
 190°-260° blo 9,000'
 190°-260° byd 24 NM
 261°-306° byd 9 NM blo 4,000'
 307°-349°
 350°-020° blo 3,500'
 350°-020° byd 33 NM blo 4,000'



EBENSBURG (9G8) 3 SW UTC-5(-4DT) N40°27.68' W78°46.52'

2099 B NOTAM FILE AOO

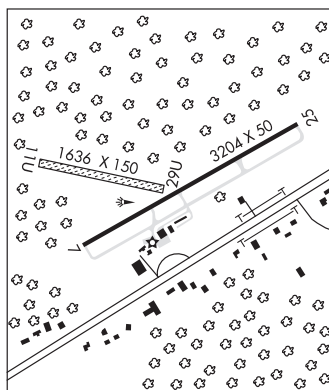
RWY 07-25: H3204X50 (ASPH) S-12.5 MIRL 0.6% up NE**RWY 07:** Trees.**RWY 25:** Road.**RWY 11U-29U:** 1636X150 (TURF-DIRT) 1.9% up E**RWY 11U:** Tree.**RWY 29U:** Tree.**SERVICE:** FUEL 100LL LGT ACTIVATE MIRL Rwy 07-25 and twy lghts—CTAF.**AIRPORT REMARKS:** Attended irregularly. 24 hr self-serve fuel avbl. Deer on and invof arpt. Rwy 11U-29U for ultralight use only. Rwy 11U-29U rwy boundary marked with yellow cones. Barrels are rusting and grass covered. Rwy 07-25 BSC rwy markings.**AIRPORT MANAGER:** (814) 934-5717**COMMUNICATIONS:** CTAF/UNICOM 122.8Ⓡ **JOHNSTOWN APP/DEP CON** 121.2 (1200-0400Z†) or ctc 814-532-5960.Ⓡ **CLEVELAND CENTER APP/DEP CON** 124.4 (0400-1200Z†) or ctc Cleveland ARTCC at 440-774-0234.**CLEARANCE DELIVERY PHONE:** For CD ctc Johnstown Apch at 814-532-5960, when Apch clsd ctc Cleveland ARTCC at 440-774-0213.**RADIO AIDS TO NAVIGATION:** NOTAM FILE AOO.**REVLOC (L) DME** 110.6 REC Chan 43 N40°32.79' W78°44.82'

194° 5.3 NM to fld. 2340.

DETROIT

L-29D

IAP

**EIGHTY FOUR****BANDEL** (22D) 3 SE UTC-5(-4DT) N40°07.84' W80°05.77'

1210 NOTAM FILE AOO

RWY 01-19: 2260X100 (TURF-DIRT) 0.3% up N**RWY 01:** Hill.**RWY 19:** Trees.**AIRPORT REMARKS:** Attended irregularly. PAEW adj Rwy 01-19 indefly. 250 ft high terrain 3450 ft north of Rwy 19. Rwy 01-19 marked with flush white bucket lids boundary markers. Rwy 01 150 ft dthr mkd with flush orange bucket lids. Rwy 19 1330 ft dthr mkd with flush orange bucket lids. Rwy not maintained durg winter months.**AIRPORT MANAGER:** 412-877-4584**COMMUNICATIONS:** CTAF 122.9**CLEARANCE DELIVERY PHONE:** For CD ctc Pittsburgh Apch at 412-472-5591.

DETROIT

ELLWOOD CITY N40°49.50' W80°12.69' NOTAM FILE AOO.(VH) (H) **VOR/DME** 115.8 EWC Chan 105 257° 8.8 NM to Beaver Co. 1227/8W.

VOR unusable:

285°-335°

RCO 122.1R 115.8T (ALTOONA RADIO)

DETROIT

H-10H, L-29C

ENOLA N40°14.78' W76°54.04' NOTAM FILE MDT.**NDB (LOWW)** 204 MD 128° 7.1 NM to Harrisburg Intl. 461/11W.

NEW YORK

ERIE

ERIE INTL/TOM RIDGE FLD (ERI)(KERI) 5 SW UTC-5(-4DT) N42°04.99' W80°10.44'

DETROIT
H-10H, L-30H
IAP, AD

732 B LRA ARFF Index—See Remarks NOTAM FILE ERI

RWY 06-24: H8420X150 (ASPH-GRVD) S-114, D-161, 2S-124, 2D-264 PCN 45 F/C/X/T HIRL

RWY 06: MALSR. PAPI(P4L)—GA 3.0° TCH 54'. RVR-TR Thld dsplcd 919'. Railroad.

RWY 24: MALSR. PAPI(P4L)—GA 3.0° TCH 55'. RVR-TR Trees.

RWY 02-20: H3508X150 (ASPH) S-50, D-60, 2D-150 MIRL

RWY 02: Thld dsplcd 817'. Railroad.

RWY 20: VASI(V4L)—GA 4.0° TCH 69'. Thld dsplcd 306'. Road.

LAND AND HOLD—SHORT OPERATIONS

LDG RWY	HOLD—SHORT POINT	AVBL LDG DIST
RWY 24	02-20	6550

RUNWAY DECLARED DISTANCE INFORMATION

RWY 02: TORA-3508 TODA-3508 ASDA-3337 LDA-2520

RWY 06: TORA-8420 TODA-8420 ASDA-8420 LDA-7501

RWY 20: TORA-3508 TODA-3508 ASDA-3208 LDA-2902

RWY 24: TORA-8420 TODA-8420 ASDA-7500 LDA-7500

SERVICE: S2 FUEL 100LL, JET A OX 3, 4 LGT When twr clsd ACTIVATE

MALSR Rwy 06 and Rwy 24, PAPI Rwy 06 and Rwy 24, HIRL Rwy 06-24, VASI Rwy 20, MIRL Rwy 02-20 and twy lghts—CTAF. Rwy 06 MALSR unmonitored. Rwy 24 MALSR unmonitored. Lgtd supplemental windcone located at north side Rwy 24 1000' west AER.

AIRPORT REMARKS: Attended Mon-Fri 1000-0400Z‡, Sat-Sun 1000-0300Z‡. Birds on and invof arpt. Class I, ARFF Index B. Index C avail upon request. Rwy 02-20 clsd to sked acr ops more than 9 pax seats and non sked acr ops more than 30 pax seats exc taxi. Extensive non-radio and ultralight acft opr 3.5-5 NM southwest of arpt at or blo 700' AGL May 1-Oct 31 annually SR-SS. Ramp usage fee for acft clearing customs. Fee based on acft wgt, ctc arpt for fee sked. Flight Notification Service (ADCUS) available, prior reservation required, phone 814-833-1355.

AIRPORT MANAGER: 814-833-4258

WEATHER DATA SOURCES: ASOS 120.35 (814) 835-7112.

COMMUNICATIONS: CTAF 118.1 ATIS 120.35 UNICOM 122.95

Ⓡ **BUFFALO APP/DEP CON** 121.0 (1100-0500Z‡)

Ⓡ **CLEVELAND CENTER APP/DEP CON** 127.075 (0500-1100Z‡) or ctc Cleveland ARTCC at 440-774-0227.

TOWER 118.1 (1100-0500Z‡) **GND CON** 121.9 **CLNC DEL** 126.8

CLEARANCE DELIVERY PHONE: For CD ctc Buffalo Apch at 716-626-6920, when Apch clsd ctc Cleveland ARTCC at 440-774-0232.

AIRSPACE: CLASS D svc 1100-0500Z‡; other times CLASS E.

TRSA svc ctc **BUFFALO APP CON** within 20 NM

RADIO AIDS TO NAVIGATION: NOTAM FILE ERI.

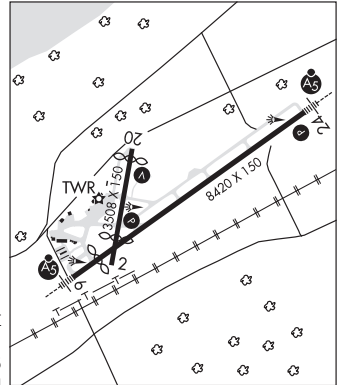
(L) **TACAN** Chan 31 ERI (109.4) N42°01.04' W80°17.56' 059° 6.6 NM to fld. 797/6W.

TACAN AZIMUTH unusable:
076°-109° byd 30 NM blo 5,000'
110°-180° byd 25 NM blo 5,000'
181°-249° byd 30 NM blo 5,000'
250°-274° byd 20 NM
295°-315° byd 35 NM blo 3,000'

DME unusable:
076°-109° byd 30 NM blo 5,000'
110°-180° byd 25 NM blo 5,000'
181°-249° byd 30 NM blo 5,000'
250°-274° byd 20 NM
295°-315° byd 35 NM blo 3,000'

ILS/DME 110.3 I-ERI Chan 40 Rwy 06. Class IE. Unmonitored when ATCT closed.

ILS/DME 110.3 I-AWY Chan 40 Rwy 24. Class ID.



THERMAL-G (Ø3G) 3 W UTC-5(-4DT) N42°01.24' W80°04.24'

DETROIT

1434 NOTAM FILE AOO

RWY 07-25: 1264X110 (TURF) 1.0% up E**RWY 07:** Rgt t/c.**AIRPORT REMARKS:** Attended continuously. Glider ops on the arpt. Rwy 07-25 NSTD markings, rwy marked with white tires.

Turf with topsoil base can be soft; call for condition. 945' turf twy on east end of rwy. 1,000' turf twy on west end of rwy. Circular hot air balloon launching pad radio controlled model airplane circle.

AIRPORT MANAGER: 814-866-1131**COMMUNICATIONS:** CTAF 122.9**CLEARANCE DELIVERY PHONE:** For CD ctc Buffalo Apch at 716-626-6920, when Apch clsd ctc Cleveland ARTCC at 440-774-0232.**ERWINNA****VANSANT** (9N1) 2 SW UTC-5(-4DT) N40°29.06' W75°05.98'

NEW YORK

390 TPA—See Remarks NOTAM FILE IPT

RWY 07-25: 3058X120 (TURF)**RWY 07:** Thld dsplcd 365'. Road.**RWY 25:** Tree.**RWY 05G-23G:** 1340X200 (TURF)**SERVICE:** S4 FUEL 100LL**AIRPORT REMARKS:** Attended 1330Z†-dark. Arpt CLOSED dusk to dawn. Rwy 05 ldg and t/c prohibited. Arpt clsd to tran t/c Dec thru Apr. Heavy glider t/c. Glider TPA-1190(800), Power Plane TPA-1390(1000). Power plane t/c remain outside glider t/c pat and avoid flying directly over arpt. Gliders occasionally use power plane rwy for l/dgs to the West. Rwy 23 based acft use only. Rwy 07-25 marked with white tires, dsplcd thld marked with white tires. Powered prcht ops not permitted.**AIRPORT MANAGER:** 610-847-8494**COMMUNICATIONS:** CTAF/UNICOM 122.8**CLEARANCE DELIVERY PHONE:** For CD ctc Allentown Apch at 800-728-6322.**ESSINGTON****PHILADELPHIA SPB** (9N2) 1 S UTC-5(-4DT) N39°51.54' W75°17.98'

WASHINGTON

00 TPA—300(300) NOTAM FILE IPT

WATERWAY 11W-29W: 9100X250 (WATER)**WATERWAY 11W:** Rgt t/c.**SEAPLANE REMARKS:** Unattended. Call 610-521-3530 prior to arrival. No night ops. Check Philadelphia TAC chart for ldg area.

Transient t/c ctc Philadelphia App Con for t/c advisories. Debris invof gravel ramp.

AIRPORT MANAGER: 610-521-3530**COMMUNICATIONS:** CTAF 122.9**CLEARANCE DELIVERY PHONE:** For CD ctc Philadelphia Apch at 800-354-9884.**FACTORYVILLE****SEAMANS FLD** (9N3) 2 N UTC-5(-4DT) N41°35.36' W75°45.36'

NEW YORK

1209 B NOTAM FILE IPT

RWY 04-22: H2500X50 (ASPH) LIRL**SERVICE:** FUEL 100LL**AIRPORT REMARKS:** Attended 1400-2200Z†. For svc aft hrs ctc

570-945-5125.

AIRPORT MANAGER: 570-945-5125**COMMUNICATIONS:** CTAF/UNICOM 122.7® **WILKES-BARRE APP/DEP CON** 120.95**CLEARANCE DELIVERY PHONE:** For CD ctc Wilkes-Barre Apch at

570-655-2084.

RADIO AIDS TO NAVIGATION: NOTAM FILE AVP.**WILKES-BARRE (L) VORTACW** 111.6 LVZ Chan 53 N41°16.37'

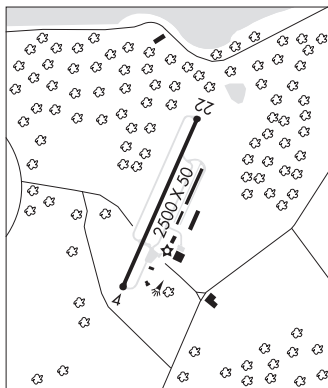
W75°41.37' 001° 19.2 NM to fld. 2118/10W.

VOR unusable:

290°-305° byd 15 NM blo 6,000'

L-30K, 33A

IAP



FAIRFIELD**MID ATLANTIC SOARING CENTER** (W73) 2 SE UTC-5(-4DT) N39°45.42' W77°21.08'

WASHINGTON

573 NOTAM FILE IPT

RWY 15-33: H2700X50 (ASPH) S-12.5, D-12.5**RWY 15:** Tree.**RWY 33:** Thld dsplcd 900'. Tree. Rgt tfc.**AIRPORT REMARKS:** Attended Sat-Sun dalgt hrs. Unattended Mon-Fri. Arpt ops rstd, in accordance with Temporary Flight Restriction rules, when P-40 expanded to 10 NM radius. Rwy 15 CLOSED for ldgs. Extensive glider opns. Gliders occasionally land on turf area adjacent to Rwy 15-33. Rwy 15 not marked with thld or magnetic heading.**AIRPORT MANAGER:** 717-642-9886**COMMUNICATIONS:** CTAF 123.3**CLEARANCE DELIVERY PHONE:** For CD ctc Potomac Apch at 866-709-4993.**COMM/NAV/WEATHER REMARKS:** Multicom 123.3 used during glider activity.**FARMERS PRIDE** (See FREDERICKSBURG on page 276)**FINLEYVILLE AIRPARK** (G05) 1 SW UTC-5(-4DT) N40°14.73' W80°00.59'

DETROIT

1236 B TPA—See Remarks NOTAM FILE AOO

L-29C

RWY 14-32: H2497X50 (ASPH) LIRL 1.2% up NW

IAP

SERVICE: S4 **FUEL** 100LL **LGT** ACTIVATE LIRL—CTAF. After 0500Z‡
ACTIVATE rotating bcn—CTAF.**AIRPORT REMARKS:** Attended irregularly. Deer on and invof rwy. Terrain falls off rapidly off apch end Rwy 14; terrain rises off apch end Rwy 32.

Lmtd sight dist down rwy due to hump near app end of Rwy 14. Tran pilots advised to check rwy condition prior to use during winter months. Ultralights avoid overflying houses northeast of arpt.

Helicopters follow fixed wing tfc pat. Rwy 14-32 ultralights fly rgt tfc. TPA ultralights 1736(500). Parl twy marked with reflectors. No acft parking on SE portion of parl twy next to hangars 16, 17, and 18. Rwy 14-32 ends not mutually vsb.

AIRPORT MANAGER: (412) 580-8932**COMMUNICATIONS:** CTAF/UNICOM 123.0Ⓡ **PITTSBURGH APP/DEP CON** 119.35**CLEARANCE DELIVERY PHONE:** For CD ctc Pittsburgh Apch at 412-472-5591**RADIO AIDS TO NAVIGATION:** NOTAM FILE AGC.**ALLEGHENY (L) (L) VOR/DME** 110.0 AGC Chan 37 N40°16.72'
W80°02.45' 153° 2.4 NM to fld. 1285/9W.

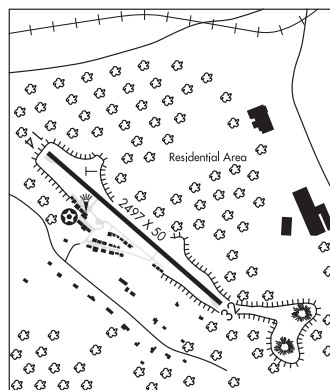
VOR unusable:

036°-059° byd 10 NM blo 7,000'

071°-175°

226°-261° byd 10 NM

300°-310°

**FLYING DOLLAR** (See CANADENSIS on page 265)**FLYING M AERODROME** (See GERMANSVILLE on page 277)**FORT INDIANTOWN GAP** (See MUIR AAF (FORT INDIANTOWN GAP) on page 291)

FRANKLIN

VENANGO RGNL (FKL)(KFKL) 2 SW UTC-5(-4DT) N41°22.65' W79°51.64'

1540 B Class II, ARFF Index A NOTAM FILE FKL

RWY 03-21: H5200X150 (ASPH-GRVD) S-40, D-70, 2S-89

PCN 19 F/B/X/U HIRL

RWY 03: PAPI(P4L)—GA 3.0° TCH 45'. Trees.

RWY 21: MALSR. PAPI(P4L)—GA 3.0° TCH 55'. Trees.

RWY 12-30: H3593X100 (ASPH) S-67, D-105, 2S-133

PCN 27 R/B/X/U MIRL

RWY 12: Trees.

RWY 30: PAPI(P4L)—GA 3.0° TCH 41'.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 03: TORA-5200 TODA-5200 ASDA-5200 LDA-5200

RWY 12: TORA-3593 TODA-3593 ASDA-3593 LDA-3593

RWY 21: TORA-5200 TODA-5200 ASDA-5200 LDA-5200

RWY 30: TORA-3593 TODA-3593 ASDA-3593 LDA-3593

SERVICE: FUEL 100LL, JET A LGT ACTIVATE HIRL Rwy 03-21, MALSR Rwy 21, MIRL Rwy 12-30, PAPI Rwy 03, Rwy 21, and Rwy 30 and twy lgts—CTAF.

AIRPORT REMARKS: Attended Apr-Nov 1200-2300Z, Dec-Mar Mon-Fri

1230-2300Z, Dec-Mar Sat and Sun 1230-2100Z. Deer and birds on and in vicinity of arpt. PPR 24 hrs for acf ops with more than 30 psg seats call amgr manager 814-432-5333 or 814-758-8002.

Rwy 12-30 clsd to sked acf ops more than 9 pax and non sked acf ops more than 30 pax seats exc tax. Rwy cond unmon outside hrs of opn. Ldg fee for acft over 6000 lbs gross weight.

AIRPORT MANAGER: 814-432-5333

WEATHER DATA SOURCES: AWOS-3PT 118.175 (814) 437-2066.

COMMUNICATIONS: CTAF/UNICOM 122.7

RCO 122.1R 109.6T (ALTOONA RADIO)

Ⓡ **YOUNGSTOWN APP CON** 126.25 (1100-0500Z) or ctc 330-856-4806.

Ⓡ **YOUNGSTOWN DEP CON** 133.95 (1100-0500Z) CLNC DEL 126.25

Ⓡ **CLEVELAND CENTER APP/DEP CON** 126.725 (0500-1100Z) or ctc Cleveland ARTCC at 440-774-0234.

CLEARANCE DELIVERY PHONE: For CD ctc Youngstown Apch at 330-856-4806, when Apch clsd ctc Cleveland ARTCC at 440-774-0234.

AIRSPACE: CLASS E svc Mon-Fri 1030-0330Z; Sat 1030-1430Z; Sun 2330-0330Z; other times CLASS G..

RADIO AIDS TO NAVIGATION: NOTAM FILE AOO.

CLARION (L) DME 112.9 CIP Chan 76 N41°08.78' W79°27.48' 307° 22.9 NM to fld. 1520.

FRANKLIN (L) VOR 109.6 FKL N41°26.31' W79°51.40' 189° 3.7 NM to fld. 1528/6W. NOTAM FILE FKL.

VOR unusable:

140°-207° byd 20 NM blo 9,000'

248°-291° blo 4,000'

355°-005° blo 4,000'

ILS 110.5 I-FKL Rwy 21. Class IB. Unmonitored Sat 0100Z-Sun 1200Z.



DETROIT
H-10H, L-30H
IAP

FRANKLIN CO RGNL (See CHAMBERSBURG on page 266)

FREDERICKSBURG

FARMERS PRIDE (9N7) 0 W UTC-5(-4DT) N40°26.57' W76°26.50'

NEW YORK

495 B NOTAM FILE IPT

RWY 10-28: 3410X150 (TURF) RWY LGTS(NSTD)

RWY 10: Thld dsplcd 504'. Tree.

RWY 28: Thld dsplcd 590'. Tree.

SERVICE: FUEL 100LL LGT ACTIVATE LIRL Rwy 10-28 on CTAF—122.9. ACTIVATE rotating bcn CTAF—122.9.

AIRPORT REMARKS: Attended 1400-2200Z. Only fuel avbl to tran acft is emerg fuel. Rwy 10-28 turf rwy marked by yellow tires/white lgts. Rwy 28 dsplcd thlds marked by 6 split red/green lgts. Dsplcd thlds marked by 6 split red/green lgts. Dsplcd thld lgts-3 green ldg, 1 green roll-out. Orange 6' tetrahedron next to the windsock on the S side of the rwy.

AIRPORT MANAGER: (717) 507-0303

COMMUNICATIONS: CTAF 122.9

CLEARANCE DELIVERY PHONE: For CD ctc Harrisburg Apch at 800-932-0712.

FREEPORT

MCVILLE (6P7) 7 NE UTC-5(-4DT) N40°44.07' W79°35.74'

1105 B NOTAM FILE AOO

RWY 14-32: H2800X60 (ASPH) MIRL

RWY 14: Trees.

SERVICE: S4 **FUEL** 100LL, MOGAS **LGT** For MIRL Rwy 14-32 call 412-418-3703.

AIRPORT REMARKS: Attended 1300-2200Z†. Alternate phone 412-418-3703. MOGAS is 89 octane. Rwy 14-32 CLOSED dly SS-SR exc 2 hr PPR 412-418-3703.

AIRPORT MANAGER: 724-335-0390

COMMUNICATIONS: CTAF/UNICOM 123.0

Ⓡ **JOHNSTOWN APP/DEP CON** 121.2 (1200-0400Z†, other times ctc)

Ⓡ **CLEVELAND CENTER APP/DEP CON** 124.4 (0400-1200Z†)

CLEARANCE DELIVERY PHONE: For CD ctc Johnstown Apch at 814-532-5960, when Apch clsd ctc Cleveland ARTCC at 440-774-0234.

RADIO AIDS TO NAVIGATION: NOTAM FILE JST.

JOHNSTOWN (L) (L) VORV/DME 113.0 JST Chan 77 N40°19.00'

W78°50.05' 312° 42.9 NM to fld. 2279/6W.

VOR unusable:

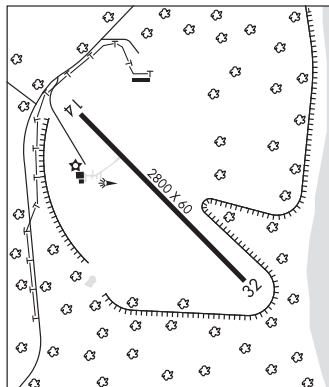
088°-102° byd 25 NM

120°-135° byd 25 NM

DETROIT

L-29C

IAP



GERMANSVILLE

FLYING M AERODROME (P91) 2 N UTC-5(-4DT) N40°44.25' W75°42.33'

735 NOTAM FILE IPT

RWY 08-26: 2380X100 (TURF) 0.4% up E

RWY 26: Thld dspclcd 300'. Road.

SERVICE: S2

AIRPORT REMARKS: Attended irregularly. Rwy 08-26 marked with white cones. Rwy 26 dthr mkd with white cones.

AIRPORT MANAGER: 610-248-8190

COMMUNICATIONS: CTAF/UNICOM 122.725

CLEARANCE DELIVERY PHONE: For CD ctc Allentown Apch at 800-728-6322.

NEW YORK

GETTYSBURG RGNL (W05) 2 W UTC-5(-4DT) N39°50.48' W77°16.48'

553 B NOTAM FILE IPT

RWY 06-24: H3100X60 (ASPH) MIRL 0.4% up NE

RWY 06: Thld dspclcd 165'. Road.

RWY 24: Thld dspclcd 539'. Pole.

SERVICE: S4 **FUEL** 100LL **LGT** ACTIVATE MIRL Rwy 06-24—CTAF.

AIRPORT REMARKS: Unattended. Deer and birds invof arpt.

AIRPORT MANAGER: 717-948-3900

COMMUNICATIONS: CTAF 122.9

Ⓡ **POTOMAC APP/DEP CON** 126.825

CLEARANCE DELIVERY PHONE: For CD ctc Potomac Apch at 866-709-4993.

RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.

WESTMINSTER (VH) (H) VORTAC 117.9 EMI Chan 126 N39°29.70'

W76°58.71' 335° 24.9 NM to fld. 820/8W.

VOR unusable:

009°-056° byd 40 NM

128°-161° byd 20 NM blo 6,500'

221°-231° blo 4,500'

221°-231° byd 13 NM blo 16,000'

284°-294° byd 40 NM

295°-334° blo 5,500'

TACAN AZIMUTH unusable:

281°-055° byd 35 NM blo 3,000'

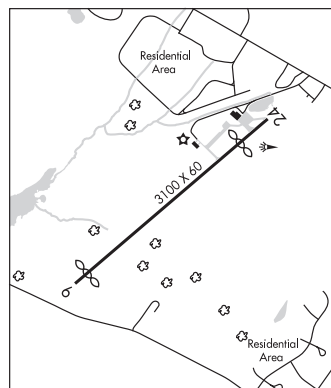
DME unusable:

281°-055° byd 35 NM blo 3,000'

WASHINGTON

L-29E, 34F, A

IAP



GRAND CANYON RGNL (See WELLSBORO on page 314)

GREATER BREEZEWOOD RGNL (See BREEZEWOOD on page 263)

GREENE CO (See WAYNESBURG on page 314)

GREENSBURG JEANNETTE RGNL (See JEANNETTE on page 282)

GREENVILLE MUNI (4G1) 3 N UTC-5(-4DT) N41°26.81' W80°23.47'

1206 B NOTAM FILE AOO

RWY 15-33: H3006X75 (ASPH) S-12.5 MIRL 1.4% up SE

RWY 15: REIL. PAPI(P2L)—GA 3.0° TCH 40'.

RWY 33: REIL. PAPI(P2L)—GA 3.0° TCH 44'. Trees.

RWY 05-23: 2551X118 (TURF) 0.5% up SW

RWY 05: Thld dsplcd 984'. Trees.

RWY 23: Trees.

SERVICE: S4 FUEL 100LL LGT ACTIVATE MIRL Rwy 15-33; REIL Rwy

15 and Rwy 33 and PAPI Rwy 15 and Rwy 33—CTAF.

AIRPORT REMARKS: Attended Mon-Sat 1400Z†-dusk. Unattended

Thanksgiving, Christmas, New Years Day and Sundays. Self-svc fuel avbl. Deer and birds on and in/ov arpt. PAEW on and in/ov arpt. Rwy 15-33 uneven pavement 100' down rwy 15 and 200' down Rwy 33. Rwy 05-23 marked with yellow cones. Rwy 05 dsplcd thld marked with yellow cones.

AIRPORT MANAGER: 724-588-1665

COMMUNICATIONS: CTAF/UNICOM 122.8

Ⓡ **YOUNGSTOWN APP/DEP CON** 133.95 (1100-0500Z†)

Ⓡ **CLEVELAND CENTER APP/DEP CON** 120.775 (0500-1100Z†) or ctc Cleveland ARTCC at 440-774-0227.

CLEARANCE DELIVERY PHONE: For CD ctc Youngstown Apch at 330-856-4806,

when Apch clsd ctc Cleveland ARTCC at 440-774-0232.

RADIO AIDS TO NAVIGATION: NOTAM FILE YNG.

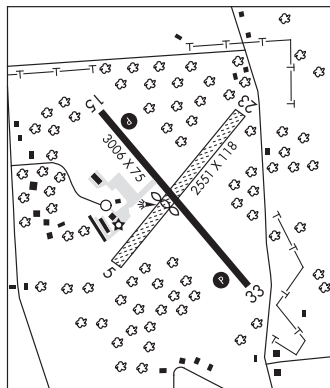
YOUNGSTOWN (L) VORTACW 109.0 YNG Chan 27 N41°19.86' W80°40.48' 066° 14.6 NM to fld. 1159/5W.

VOR unusable:

015°-179° blo 5,000'

180°-014° byd 25 NM blo 5,000'

DETROIT
L-30H
IAP



GRIMES (See BETHEL on page 262)

GROVE CITY (29D) 3 W UTC-5(-4DT) N41°08.76' W80°10.07'

1371 B NOTAM FILE AOO

RWY 10-28: H4500X75 (ASPH) S-12.5 MIRL 1.6% up W

RWY 10: REIL. PAPI(P2L)—GA 3.8° TCH 37'. Trees.

RWY 28: REIL. PAPI(P2L)—GA 3.0° TCH 56'.

SERVICE: FUEL 100LL, JET A, A+ LGT ACTVT PAPI Rwy 10 and 28;

MIRL Rwy 10-28—CTAF. Rwy 10 PAPI unusable byd 5° left of rwy centerline. Twy lgts stub to apron.

AIRPORT REMARKS: Attended Mon-Fri 1300-2100Z†. Unattended

Thanksgiving, Christmas and New Years Day. 24 hr fuel avbl with credit card. Jet-A anti-ice inhibitor avbl on req. Parachute Jumping. Avoid overflying fld during dalgt VFR because of parachute jumping activity northwest corner of fld. Deer and geese on and in/ov arpt. Drainage ravine 15' deep located in safety area north of Rwy 10. Portable ground power unit avbl.

AIRPORT MANAGER: 724-748-5530

COMMUNICATIONS: CTAF/UNICOM 122.725

ELLWOOD CITY RCO 122.1R 115.8T (ALTOONA RADIO)

Ⓡ **YOUNGSTOWN APP/DEP CON** 133.95 (1100-0500Z†)

Ⓡ **CLEVELAND CENTER APP/DEP CON** 126.725 (0500-1100Z†)

CLEARANCE DELIVERY PHONE: For CD ctc Youngstown Apch at 330-856-4806,

when Apch clsd ctc Cleveland ARTCC at 440-774-0234.

RADIO AIDS TO NAVIGATION: NOTAM FILE AOO.

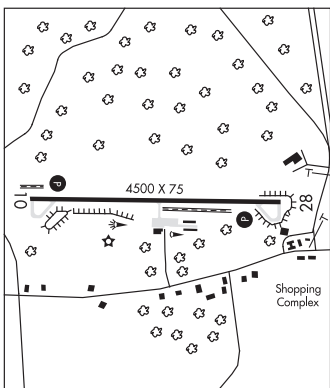
ELLWOOD CITY (VH) (H) VOR/DME 115.8 EWC Chan 105 N40°49.50' W80°12.69' 014° 19.4 NM to fld.

1227/8W.

VOR unusable:

285°-335°

DETROIT
L-30H
IAP



HARRISBURG

CAPITAL CITY (CXY)(KCXY) 3 SE UTC-5(-4DT) N40°13.03' W76°51.08'

347 B TPA—See Remarks NOTAM FILE CXY

RWY 08-26: H5000X150 (ASPH-GRVD) S-65, D-105, 2S-133, 2D-185 HIRL

RWY 08: MALSR. PAPI(P4R)—GA 3.0° TCH 55'. RVR-T Trees.

RWY 26: VASI(V4L)—GA 3.1° TCH 56'. Pole. Rgt tfc.

RWY 12-30: H3778X100 (ASPH) S-40, D-65, 2S-82, 2D-115 MIRL 0.3% up SE

RWY 12: REIL. VASI(V4L)—GA 3.9° TCH 49'. Tree. Rgt tfc.

RWY 30: REIL. VASI(V4L)—GA 4.0° TCH 56'.

LAND AND HOLD—SHORT OPERATIONS

LDG RWY	HOLD—SHORT POINT	AVBL LDG DIST
RWY 26	12-30	3450

SERVICE: S4 **FUEL** 100LL, JET A **LGT** When twr clsd ACTIVATE MALSR Rwy 08, HIRL Rwy 08-26, MIRL Rwy 12-30 and twy lgts—CTAF. Rwy 08 PAPI unusbl byd 7° right of course.

AIRPORT REMARKS: Attended 1100-0400Z±. PPR for hazardous cargo. Bird flocks on and in/ovf arpt. All rwys for loads over 100,000 lbs prior permission rqr. Arpt CLOSED to FAR PART 121 acft. Active twy prior to Rwy 12 relocated thld, no tkf or ldg on this sfc. High terrain south Rwy 12-30. TPA 1500(1153) conventional.

AIRPORT MANAGER: 717-774-8335

WEATHER DATA SOURCES: ASOS (717) 770-0880 LAWRS.

COMMUNICATIONS: CTAF 119.5 ATIS 134.95 UNICOM 122.95

CAPITAL CITY RCO 122.2 (WILLIAMSPORT RADIO)

® **HARRISBURG APP/DEP CON** 124.1

TOWER 119.5 (1200-0200Z±) **GND CON** 121.9 **CLNC DEL** 124.1 (when twr clsd)

CLEARANCE DELIVERY PHONE: For CD when ATCT clsd ctc Harrisburg Apch 124.1 or 800-932-0712.

AIRSPACE: CLASS D svc 1200-0200Z±; other times CLASS E.

TRSA svc ctc **APP CON** 20 NM out.

RADIO AIDS TO NAVIGATION: NOTAM FILE LNS.

LANCASTER (L) (L) VOR/DME 117.3 LRP Chan 120 N40°07.20' W76°17.48' 292° 26.4 NM to fld. 399/9W.

VOR unusable:

195°-273° byd 21 NM blo 9,000'

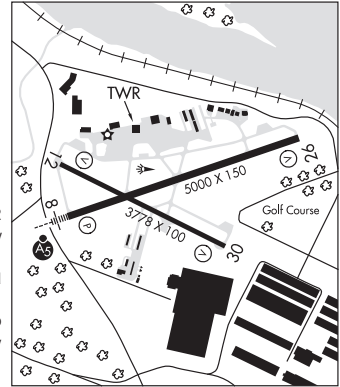
DME unusable:

180°-190°

320°-030° byd 31 NM blo 8,000'

ILS 109.1 I-CXY Rwy 08. Class IB. LOC unusable byd 30° r of course.

NEW YORK
H-10H, 12I, L-29E, 34G, A
IAP, AD



HARRISBURG INTL (MDT)(KMDT) P (ANG) 8 SE UTC-5(-4DT) N40°11.59' W76°45.76'
310 B TPA—See Remarks LRA Class I, ARFF Index B NOTAM FILE MDT

NEW YORK

H-10H, 12J, L-29E, 34G, A

IAP, AD

RWY 13-31: H10001X200 (ASPH-GRVD) S-155, D-330, 2S-175,
2D-550 PCN 90 F/C/X/T HIRL CL
RWY 13: ALSF2. TDZL. PAPI(P4L)—GA 3.0° TCH 75'. RVR-TMR Thld
dsplcd 993'. Pole.
RWY 31: REIL. PAPI(P4L)—GA 3.0° TCH 51'. RVR-TMR Thld dsplcd
993'. Trees. Rgt tfc.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 13: TORA-10001 TODA-10001 ASDA-9063 LDA-8070
RWY 31: TORA-10001 TODA-10001 ASDA-9122 LDA-8129
SERVICE: S4 FUEL 100LL, JET A OX 1, 2, 4 **MILITARY—FUEL A, A+**
(C717-944-4666) (NC-100LL) **FLUID LOX OIL O-128(Mil)**

AIRPORT REMARKS: Attended continuously. Bird flocks on and in/ov arpt.
Cargo ramp clsd to tsnt acct without prior permission, call amgr
717-948-3919. No touch and go ldg 0400-1100Z±. Cold
temperature airport. Altitude correction required at or below -17C.
TPA-1300(990) props, 1800(1490) jets. Cargo apron parking spot
9 clsd to acct with a wingspan of more than 52'. Ldg fee. Flight
Notification Service (ADCUS) avbl.

AIRPORT MANAGER: 717-948-3900

WEATHER DATA SOURCES: ASOS (717) 944-1372 WSP.

COMMUNICATIONS: ATIS 118.8

Ⓡ **HARRISBURG APP/DEP CON** 118.25 (310°-079°) 124.1 (180°-309°) 126.45 (080°-179°)

HARRISBURG INTL TOWER 124.8 **GND CON** 121.7

AIRSPACE: CLASS D.

TRSA svc ctc Apch Ctl 20 NM out

VOR TEST FACILITY (VOT) 110.0

RADIO AIDS TO NAVIGATION: NOTAM FILE LNS.

LANCASTER (L) (L) VORW/DME 117.3 LRP Chan 120 N40°07.20' W76°17.48' 291° 22.1 NM to fld. 399/9W.

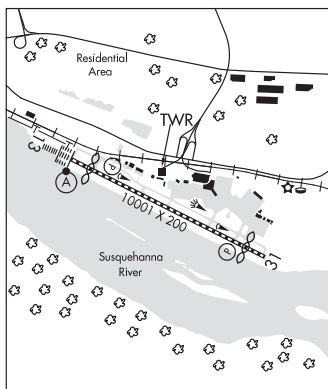
VOR unusable:
195°-273° byd 21 NM blo 9,000'

DME unusable:
180°-190°
320°-030° byd 31 NM blo 8,000'

ENOLA NDB (LOW) 204 MD N40°14.78' W76°54.04' 128° 7.1 NM to fld. 461/11W. NOTAM FILE MDT.

ILS 110.9 I-MDT Rwy 13. Class IIIE. LOM ENOLA NDB. LOC unusable above 1,800' at thld; above 4,800' byd
OM (6.4 NM).

ILS 110.9 I-HQA Rwy 31. Class IB. Unmonitored when ATCT clsd.



HARRISBURG N40°18.13' W77°04.17' NOTAM FILE CXY.

(L) (L) VORTACW 115.35 HAR Chan 100(Y) 225° 8.4 NM to Carlisle. 1301/10W.

DETROIT

H-10H, L-29E, A

VOR unusable:
069°-071°
084°-087° byd 20 NM blo 5,000'
084°-087° byd 30 NM
097°-107° byd 10 NM
116°-120° byd 25 NM blo 4,000'

HAZLETON RGNL (HZL)(KHZL) 2 NW UTC-5(-4DT) N40°59.21' W75°59.68'

NEW YORK

1603 B NOTAM FILE IPT

H-101, 121, L-30K, 34G

RWY 10-28: H5001X100 (ASPH-GRVD) S-47, D-74, 2S-94 MIRL**RWY 10:** REIL. PAPI(P4L)—GA 3.5° TCH 46'. Thld dspclcd 200'. Trees.**RWY 28:** MALS. PAPI(P4L)—GA 3.17° TCH 40'. Thld dspclcd 103'.
Tree. Rgt tfc.**RUNWAY DECLARED DISTANCE INFORMATION****RWY 10:** TORA-5001 TODA-5001 ASDA-5001 LDA-4801**RWY 28:** TORA-5001 TODA-5001 ASDA-5001 LDA-4898**SERVICE:** S2 **FUEL** 100LL, JET A **OX 3** **LGT** Actvt MALS Rwy 28; REIL Rwy 10; PAPI Rwy 10; MIRL Rwy 10-28 (3, 5, 7 clicks)—CTAF.**AIRPORT REMARKS:** Attended Mon-Wed 1100-2100Z†, Thu-Sun 1230-2100Z†. Parachute Jumping. 100LL svc aft hrs by prior req 570-468-2479. Rwy 28 VFR departure procedure right turn heading 300° at end of rwy. Type 1 deicing avbl. Ldg fee, Jet, Turboprop and Corporate acct only.**AIRPORT MANAGER:** (484) 661-8994**WEATHER DATA SOURCES:** AWOS-3 119.975 (570) 459-4901.**COMMUNICATIONS:** CTAF/UNICOM 123.0Ⓡ **WILKES-BARRE APP/DEP CON** 126.3

CLNC DEL 121.7

RADIO AIDS TO NAVIGATION: NOTAM FILE AVP.**WILKES-BARRE (L) (L) VORTACW** 111.6 LVZ Chan 53 N41°16.37' W75°41.37' 229° 22.0 NM to fld. 2118/10W.

VOR unusable:

290°-305° byd 15 NM blo 6,000'

LOC/DME 110.5 I-HZL Chan 42 Rwy 28. LOC unusable abv 5,000'.**COMM/NAV/WEATHER REMARKS:** AWOS avbl 570-459-4901.**HERITAGE FLD** (See POTTSTOWN on page 301)**HONESDALE****CHERRY RIDGE** (N3Ø) 3 S UTC-5(-4DT) N41°30.94' W75°15.09'

NEW YORK

1357 B NOTAM FILE IPT

L-30K, 33A, 34H

RWY 18-36: H2986X50 (ASPH) S-10 RWY LGTS(NSTD) 0.6% up N**RWY 18:** Thld dspclcd 519'. Tree.**RWY 36:** Thld dspclcd 589'. Tree.**SERVICE:** S4 **FUEL** 100LL**AIRPORT REMARKS:** Attended 1400-2200Z†.**AIRPORT MANAGER:** 570-253-5833**COMMUNICATIONS:** CTAF/UNICOM 122.8Ⓡ **WILKES-BARRE APP/DEP CON** 120.95**CLEARANCE DELIVERY PHONE:** For CD ctc Wilkes-Barre Apch at 570-655-2084.**RADIO AIDS TO NAVIGATION:** NOTAM FILE AVP.**WILKES-BARRE (L) (L) VORTACW** 111.6 LVZ Chan 53 N41°16.37' W75°41.37' 063° 24.6 NM to fld. 2118/10W.

VOR unusable:

290°-305° byd 15 NM blo 6,000'

HORSHAM VALLEY AIRWAYS INC HELIPORT (N48) 2 NW UTC-5(-4DT) N40°12.12' W75°10.69' NEW YORK

250 NOTAM FILE IPT

HELIPAD H1: H60X60 (ASPH)**SERVICE:** **LGT** Helipad H1: flood lgts fm bldgs. Avbl upon req.**HELIPORT REMARKS:** Unattended. For attendant call 215-674-2100. Avoid overflight of houses east and west. Rwy H1 ingress 240°, egress 060°.**AIRPORT MANAGER:** 215-674-2100**COMMUNICATIONS:** CTAF/UNICOM 123.075**CLEARANCE DELIVERY PHONE:** For CD ctc Philadelphia Apch at 800-354-9884.**INDIAN HEAD** N39°58.45' W79°21.50' NOTAM FILE AOO.

CINCINNATI

(L) TACAN 108.2 IHD Chan 19 272° 13.8 NM to Joseph A Hardy Connellsville. 2820/6W.

H-10H, L-29C

TACAN AZIMUTH OTS indef

INDIANA CO/JIMMY STEWART FLD (IDI)(KIDI) 2 E UTC-5(-4DT) N40°37.86' W79°06.09'

DETROIT

1419 B NOTAM FILE IDI

H-10H, 12I, L-29C

RWY 11-29: H5502X100 (ASPH) HIRL 0.9% up E

IAP

RWY 11: REIL. PAPI(P4L)—GA 3.0° TCH 42'. Trees.**RWY 29:** PAPI(P4L)—GA 3.0° TCH 46'. Trees.**SERVICE:** S2 FUEL 100LL, JET A, A+ LGT ACTIVATE REIL Rwy 11; PAPI Rwy 11 and Rwy 29; HIRL Rwy 11-29 and twys—CTAF.**AIRPORT REMARKS:** Attended 1300-2100Z† Mon-Fri. Arpt atndnc after hrs by prior cdn call 724-599-5980. Clsd major hol. Birds and deer on and invof arpt. 24 hr 100LL avbl with credit card. Ldg fee. Landing fee for fixed wing turbine acft waived with fuel purchase.**AIRPORT MANAGER:** 724-463-3883**WEATHER DATA SOURCES:** AWOS-3 126.625 (724) 388-0204.**COMMUNICATIONS:** CTAF/UNICOM 122.8

Ⓡ JOHNSTOWN APP/DEP CON 121.2 (1200-0400Z†)

Ⓡ CLEVELAND CENTER APP/DEP CON 124.4 (0400-1200Z†)

CLEARANCE DELIVERY PHONE: For CD ctc Johnstown Apch at 814-532-5960, when Apch clsd ctc Cleveland ARTCC at 440-774-0213.**RADIO AIDS TO NAVIGATION:** NOTAM FILE AOO.**REVLOC (L) DME** 110.6 REC Chan 43 N40°32.79'

W78°44.82' 287° 17.0 NM to fld. 2340.

**INTER CO** (See IRWIN on page 282)**IRWIN****INTER CO** (31D) 4 W UTC-5(-4DT) N40°20.00' W79°46.75'

DETROIT

1250 NOTAM FILE AOO

RWY E-W: 1800X120 (TURF)**RWY E:** Trees.**RWY W:** Trees.**AIRPORT REMARKS:** Attended irregularly. Deer on and invof arpt. Caution: Trees in apch path, use short fld tkof and ldg procedure. Ultralight activity on and invof arpt. Marked water tank approximately nine tenths of a mile east of arpt, unmarked cell twr near water tank and marked transmission line approximately 1460' east of arpt. Fence approximately 4' high along south side of Rwy W and extends approximately 500' into the apch sfc. Turf rwy may be soft during spring thaw and wet periods. Call for current rwy conditions. Rwy E-W dog leg in rwy approximately 15°. Rwy E-W width varies 118'-178'. Rwy E marked with yellow cones. Rwy W marked with yellow cones. Rwy E-W 275' unmarked safety area west end, 225' unmarked safety area east end.**AIRPORT MANAGER:** 412-751-9009**COMMUNICATIONS:** CTAF 122.9**CLEARANCE DELIVERY PHONE:** For CD ctc Pittsburgh Apch at 412-472-5591**JAKE ARNER MEML** (See LEHIGHTON on page 286)**JEANNETTE****GREENSBURG JEANNETTE RGNL** (5G8) 3 N UTC-5(-4DT) N40°22.58' W79°36.53'

DETROIT

1188 B NOTAM FILE AOO

L-29C

RWY 02-20: H2605X50 (ASPH) MIRL 0.6% up S**RWY 02:** Hill. Rgt t/c.**SERVICE:** LGT Arpt bcn opr dusk to 0600Z†. ACTIVATE MIRL Rwy 02-20—CTAF. Rwy 02-20 no twy lgts. NSTD rwy lgt spacing. NSTD thld lgt spacing.**AIRPORT REMARKS:** Attended Mon-Fri 1400-2200Z†. Parachute Jumping. Rwy 02 open for tkof and lndg SR to SS, CLOSED for lndg SS to SR. Deer and birds on and invof arpt with occasional rwy incursions. 240' hill/trees 4,690' south of Rwy 02. Terrain drops off rapidly on both ends of rwy.**AIRPORT MANAGER:** 724-744-2900**COMMUNICATIONS:** CTAF 122.9**CLEARANCE DELIVERY PHONE:** For CD ctc Pittsburgh Apch at 412-472-5591**RADIO AIDS TO NAVIGATION:** NOTAM FILE AGC.**ALLEGHENY (L) (L) VOR/DME** 110.0 AGC Chan 37 N40°16.72' W80°02.45' 082° 20.7 NM to fld. 1285/9W.

VOR unusable;

036°-059° byd 10 NM blo 7,000'

071°-175°

226°-261° byd 10 NM

300°-310°

JERSEY SHORE (P96) 2 E UTC-5(-4DT) N41°12.39' W77°13.55'

DETROIT

554 B NOTAM FILE IPT

RWY 09-27: 3059X130 (TURF) LIRL 0.5% up W

RWY 09: Thld dsplcd 300'. Road.

SERVICE: LGT ACTIVATE LIRL Rwy 09-27, and wind indicator—CTAF. Rwy 09-27 outlined with reflectors, and rwy lgts.

AIRPORT REMARKS: Attended on call. Deer on and invof arpt. Parl twy adj Rwy 09-27 clsd.

AIRPORT MANAGER: 570-321-1408

COMMUNICATIONS: CTAF/UNICOM 122.7

Ⓡ **NEW YORK CENTER APP/DEP CON** 134.8

CLEARANCE DELIVERY PHONE: For CD ctc New York ARTCC at 631-468-1425.

JOHN MURTHA JOHNSTOWN/CAMBRIA CO (See JOHNSTOWN on page 283)

JOHNSTOWN

JOHN MURTHA JOHNSTOWN/CAMBRIA CO (JST)(KJST) P (ANG ARNG AR) 3 NE UTC-5(-4DT)

DETROIT

N40°18.93' W78°50.08'

H-10H, 12I, L-29D

2284 B Class I, ARFF Index A NOTAM FILE JST

IAP, DIAP, AD

RWY 15-33: H7004X150 (CONC-GRVD) S-93, D-183, 2D-357,

2D/2D2-845 PCN 61 R/B/W/U HIRL

RWY 15: VASI(V4L)—GA 3.0° TCH 52'. Trees.

RWY 33: MALSR. PAPI(P4R)—GA 3.0° TCH 53'. Trees.

RWY 05-23: H4387X100 (ASPH-GRVD) S-62, D-87, 2S-110

PCN 39 F/A/W/T MIRL

RWY 05: REIL. PAPI(P4L)—GA 3.0° TCH 44'. Trees.

RWY 23: REIL. VASI(V4L)—GA 3.0° TCH 45'. Bldg.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 05: TORA-4387 TODA-4387 ASDA-4387 LDA-4387

RWY 15: TORA-7004 TODA-7004 ASDA-6698 LDA-6698

RWY 23: TORA-4387 TODA-4387 ASDA-4387 LDA-4387

RWY 33: TORA-7004 TODA-7004 ASDA-6484 LDA-6484

SERVICE: 54 FUEL 100LL, JET A LGT When twr clsd ACTIVATE MALSR

Rwy 33, PAPI Rwy 33, HIRL Rwy 15-33, MIRL 05-23, and all twy

lgts—CTAF. PAPI Rwy 05 unavbl when ATCT clsd. **MILITARY—** FUEL A,

A+ (1100-0400Z±, C814-361-3500; OT 3 hr PN,

C814-254-2425. \$70 fee per occurrence.) (NC-100LL)

AIRPORT REMARKS: Attended 1000-0500Z±. Deer and birds on and invof

arpt. 48 hrs PPR for unscheduled air carriers ops with more than 30 passenger seats, call arpt manager 814-536-0002.

Twy B between Rwy 05-23 and Twy B2 rstd to act with wingspan 78' or less. Ldg fee.

MILITARY REMARKS: ARNG PPR ctc ARNG 1300-2130Z, 814-532-7720.

AIRPORT MANAGER: 814-536-0002

WEATHER DATA SOURCES: ASOS (814) 535-3511

COMMUNICATIONS: CTAF 125.75 ATIS 118.325 UNICOM 122.95

Ⓡ **JOHNSTOWN APP/DEP CON** 128.2 121.2 244.875 (1200-0400Z± or ctc 814-532-5960), other times ctc

CLEVELAND CENTER 124.4 327.1 (0400-1200Z±) or ctc Cleveland ARTCC at 440-774-0234.

TOWER 125.75 253.5 (1200-0400Z±) **GND CON** 121.6 **CLNC DEL** 126.85

KEYSTONE OPS ARNG 138.55 241.35 46.75

CLEARANCE DELIVERY PHONE: For CD ctc Johnstown Apch at 814-532-5960, when Apch clsd ctc Cleveland ARTCC at

440-774-0213.

AIRSPACE: CLASS D svc 1200-0400Z±; other times CLASS G.

RADIO AIDS TO NAVIGATION: NOTAM FILE JST.

JOHNSTOWN (L) (L) VOR/DME 113.0 JST Chan 77 N40°19.00' W78°50.05' at fld. 2279/6W.

VOR unusable:

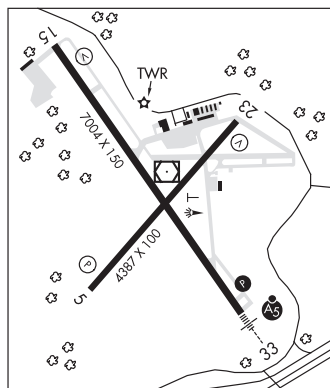
088°-102° byd 25 NM

120°-135° byd 25 NM

ILS 110.1 I-JST Rwy 33. Class IB. Glideslope unusable byd 5° left of course. Unmonitored when ATCT clsd.

COMM/NAV/WEATHER REMARKS: UNICOM frequency 122.95 avbl for ground svcs only. All tfc to ARNG ramp ctc Keystone Ops:

138.55, 241.35, 46.75, ramp deconfliction 46.75.



JOSEPH A HARDY CONNELLSVILLE (See CONNELLSVILLE on page 268)

KAMPEL (See WELLSVILLE on page 314)

KEATING N41°12.90' W78°08.57' NOTAM FILE AOO.

DETROIT

(H) (H) VORTACW 116.0 ETG Chan 107 241° 15.9 NM to Clearfield-Lawrence. 2250/10W.

H-10H, L-30I

KELLER BROTHERS (See LEBANON on page 285)

KRALLTOWN

BERMUDIAN VALLEY AIRPARK (Ø7N) 2 W UTC-5(-4DT) N40°01.01' W77°00.23'

DETROIT

470 NOTAM FILE IPT

RWY 16-34: 2200X100 (TURF)

RWY 16: Thld dsplcd 802'. Trees.

RWY 34: Thld dsplcd 264'. Trees.

SERVICE: S4

AIRPORT REMARKS: Attended irregularly. Helicopter activity on and invof arpt. Fld soft after prolonged rain. Rwy 16-34 rwy ends and edges mkd with w cones. Rwy 16 and Rwy 34 dplcd thlds marked with 3 white cones each side of rwy and 2 white tires east side of rwy.

AIRPORT MANAGER: 908-788-6901

COMMUNICATIONS: CTAF 122.9

CLEARANCE DELIVERY PHONE: For CD ctc Harrisburg Apch at 800-932-0712.

LANCASTER (LNS)(KLNS) 4 N UTC-5(-4DT) N40°07.34' W76°17.66'

NEW YORK

403 B Class II, ARFF Index A NOTAM FILE LNS

H-10H, 12I, L-29E, 34G, A

RWY 08-26: H6933X150 (ASPH-GRVD) S-65, D-92, 2S-117, 2D-146 HIRL 0.3% up W

IAP, AD

RWY 08: MALSR. PAPI(P4R)—GA 3.0° TCH 40'. Thld dsplcd 357'. Road.

RWY 26: PAPI(P4L)—GA 3.0° TCH 47'. Thld dsplcd 59'. Tree.

RWY 13-31: H4102X100 (ASPH) S-65, D-92, 2S-117, 2D-146 MIRL

RWY 13: PAPI(P2R)—GA 3.0° TCH 40'. Tree.

RWY 31: REIL.

LAND AND HOLD—SHORT OPERATIONS

LDG RWY	HOLD—SHORT POINT	AVBL LDG DIST
RWY 26	13-31	5190

RUNWAY DECLARED DISTANCE INFORMATION

RWY 08: TORA-6934 TODA-6934 ASDA-6475 LDA-6118
RWY 13: TORA-4102 TODA-4102 ASDA-4102 LDA-4102
RWY 26: TORA-6934 TODA-6934 ASDA-6177 LDA-6118
RWY 31: TORA-4102 TODA-4102 ASDA-4102 LDA-4102

SERVICE: S4 FUEL 100LL, JET A OX 4 LGT When ATCT clsd ACTVT MALSR Rwy 08; REIL Rwy 31; HIRL Rwy 08-26; MIRL Rwy 13-31 and twy lgts—CTAF. Rwy 13 VGSI and glidepath not coincident. Rwy lgts and MALSR unmonitored when twr clsd.

AIRPORT REMARKS: Attended Mon—Fri 1100-0200Z‡, Sat 1100-2300Z‡, Sun 1300-0200Z‡. PPR 24 hrs for air carrier ops with more than 30 passenger seats, call arpt manager 717-569-1221. Rwy/Twy conditions not monitored outside of attendance hours.

AIRPORT MANAGER: 717-569-1221

WEATHER DATA SOURCES: ASOS 125.675 (717) 569-8860.

COMMUNICATIONS: CTAF 120.9 ATIS 125.675 UNICOM 122.95

Ⓡ HARRISBURG APP/DEP CON 126.45

TOWER 120.9 (1100-0400Z‡) **GND CON** 121.8

CLEARANCE DELIVERY PHONE: For CD when ATCT clsd, ctc Harrisburg Apch at 800-932-0712.

AIRSPACE: CLASS D svc 1100-0400Z‡; other times CLASS E.

RADIO AIDS TO NAVIGATION: NOTAM FILE LNS.

(L) (L) VORW/DME 117.3 LRP Chan 120 N40°07.20' W76°17.48' at fld. 399/9W.

VOR unusable:

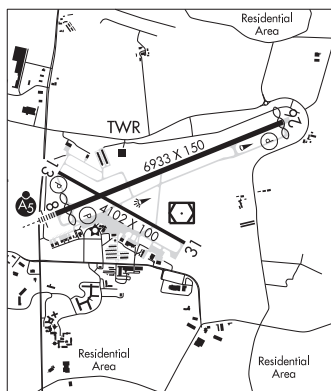
195°-273° byd 21 NM blo 9,000'

DME unusable:

180°-190°

320°-030° byd 31 NM blo 8,000'

ILS 108.7 I-LNS Rwy 08. Class IE. Unmonitored when ATCT clsd.



LATROBE

ARNOLD PALMER RGNL (LBE)(KLBE) 2 SW UTC-5(-4DT) N40°16.39' W79°24.62'

DETROIT
H-10H, 12I, L-29C
IAP, AD

1199 B Class I, ARFF Index B NOTAM FILE LBE

RWY 06-24: H8222X150 (ASPH-GRVD) S-120, D-198, 2S-114,
2D-321 PCN 56 F/B/X/T HIRL

RWY 06: REIL. PAPI(P4L)—GA 3.0° TCH 48'. Pole. 1.4% down.

RWY 24: MALSR. PAPI(P4L)—GA 3.0° TCH 55'. Thld dsplcd 850'.
Trees. Rgt tfc.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 06: TORA-8222 TODA-8222 ASDA-8222 LDA-8222

RWY 24: TORA-8222 TODA-8222 ASDA-8222 LDA-7372

SERVICE: S4 **FUEL** 100LL, JET A **OX3** **LGT** When ATCT clsd, ACTVT
MALSR Rwy 24; REIL Rwy 06; HIRL Rwy 06-24; Twy A, B, C and
D—CTAF. Rwy 24 PAPI unusbl byd 8 degs right of cntrln.

AIRPORT REMARKS: Attended continuously. Deer and birds on and invof
arpt. Ldg fee. PPR 24 for unscheduled acft ops with more than 9 pax
call arpt mgr 724-640-7234.

AIRPORT MANAGER: 724-539-8100

WEATHER DATA SOURCES: AWOS-3 (724) 537-0671

COMMUNICATIONS: CTAF 125.0 ATIS 118.375 (724-537-0671)

Ⓡ **JOHNSTOWN APP/DEP CON** 121.2 (1200-0400Z±) or ctc

814-532-5960.

Ⓡ **CLEVELAND CENTER APP/DEP CON** 124.4 (0400-1200Z±) or ctc Cleveland

ARTCC at 440-774-0234.

PALMER TOWER 125.0 (1115-0300Z±) **GND CON** 121.8

CLEARANCE DELIVERY PHONE: For CD when ATCT clsd ctc Johnstown Apch at 814-532-5960, when Apch clsd ctc Cleveland
ARTCC at 440-774-0213.

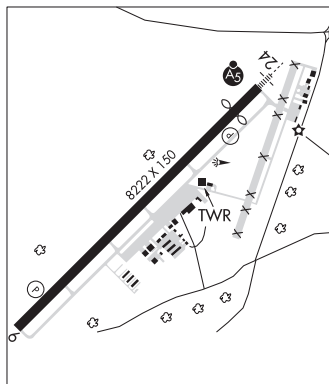
AIRSPACE: CLASS D svc 1115-0300Z±; other times PPR; other times CLASS G.

RADIO AIDS TO NAVIGATION: NOTAM FILE AOO.

INDIAN HEAD (L) TACAN Chan 19 IHD (108.2) N39°58.45' W79°21.50' 358° 18.1 NM to fld. 2820/6W.

TACAN AZIMUTH OTS indef

ILS 110.9 I-LBE Rwy 24. Class IE. Unmonitored when ATCT closed.

**LAZY B RANCH** (See DOVER on page 270)

LEBANON

KELLER BROTHERS (Ø8N) 5 SE UTC-5(-4DT) N40°17.49' W76°19.72'

NEW YORK
L-34G
IAP

550 B NOTAM FILE IPT

RWY 07-25: 2692X120 (TURF) LIRL(NSTD)

RWY 07: Thld dsplcd 701'. Tree.

RWY 25: Thld dsplcd 793'. Tree.

SERVICE: **FUEL** 100LL **LGT** ACTVT WDI lgt, rotg bcn and LIRL Rwy
07-25—121.9. Rwy 07-25 nstd LIRL; rwy ends identified by 2 strobe
lghts and nstd thld lgt fixtures. Rwy 07-25 thlds and dsplcd thlds marked
with lghts.

AIRPORT REMARKS: Unattended. 100LL self serve.

AIRPORT MANAGER: 717-598-0057

COMMUNICATIONS: CTAF 122.9

Ⓡ **HARRISBURG APP/DEP CON** 126.45 (080°-179°)

CLEARANCE DELIVERY PHONE: For CD ctc Harrisburg Apch at 800-932-0712.

RADIO AIDS TO NAVIGATION: NOTAM FILE LNS.

LANCASTER (L) (L) VOR/DME 117.3 LRP Chan 120 N40°07.20'
W76°17.48' 360° 10.4 NM to fld. 399/9W.

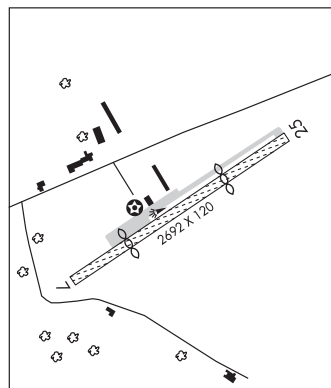
VOR unusable:

195°-273° byd 21 NM blo 9,000'

DME unusable:

180°-190°

320°-030° byd 31 NM blo 8,000'

**LEHIGH VALLEY INTL** (See ALLENTOWN on page 258)

LEHIGHTON

BELTZVILLE (14N) 3 E UTC-5(-4DT) N40°50.66' W75°38.12'

NEW YORK

899 NOTAM FILE IPT

RWY 08-26: 2018X100 (TURF) S-5**RWY 08:** Thld dsplcd 360'. Road.**RWY 26:** Thld dsplcd 230'. Fence.**SERVICE:** S2**AIRPORT REMARKS:** Attended irregularly. For svc ctc 610-377-1996. Ultralight tfc, deer and geese on and invof arpt. Rwy not plowed during winter. Announce tfc on CTAF. Rwy 08-26 thlds marked with white markers. Edge markers along southeast edge only. Expect light to moderate turbulence with N winds 10-15 kts; ops not recommended over 15 kts. Rwy 26 117' trees 1012' from rwy end 124' R; 10:1 slope to displaced thld.**AIRPORT MANAGER:** 610-377-1996**COMMUNICATIONS:** CTAF 122.9**CLEARANCE DELIVERY PHONE:** For CD ctc Allentown Apch at 800-728-6322.**JAKE ARNER MEML** (22N) 3 SW UTC-5(-4DT) N40°48.57' W75°45.69'

NEW YORK

534 B NOTAM FILE IPT

L-30K, 34G

RWY 08-26: H3000X60 (ASPH) S-12.5 MIRL 0.8% up W

IAP

RWY 08: REIL. PAPI(P2L)—GA 3.0° TCH 40'. Tree.**RWY 26:** REIL. PAPI(P2L)—GA 3.0° TCH 40'. Trees.**SERVICE:** S4 FUEL 100LL, JET A LGT Actvt REIL Rwy 08 and 26; PAPI Rwy 08 and 26; MIRL Rwy 08-26—CTAF.**AIRPORT REMARKS:** Attended 1300Z†-dusk. Deer and geese on and invof arpt. 24 hr self-serve 100LL and JET A.**AIRPORT MANAGER:** 570-778-4783**WEATHER DATA SOURCES:** AWOS-3PT 119.350 (570) 386-3423.**COMMUNICATIONS:** CTAF/UNICOM 123.05

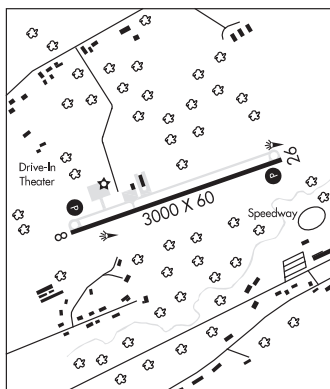
Ⓡ ALLENTOWN APP/DEP CON 119.65 (3,000' and blo) 124.45 (abv 3,000')

CLEARANCE DELIVERY PHONE: For CD ctc Allentown Apch at 800-728-6322.**RADIO AIDS TO NAVIGATION:** NOTAM FILE IPT.**EAST TEXAS (L) (L) VOR/DME** 110.2 ETX Chan 39 N40°34.86'

W75°41.04' 355° 14.1 NM to fld. 741/9W.

VOR unusable:

255°-265°



LOCK HAVEN**WILLIAM T PIPER MEML** (LHV)(KLHV) 2 E UTC-5(-4DT) N41°08.15' W77°25.34'**DETROIT**

556 B NOTAM FILE IPT

L-30J

RWY 09L-27R: H3799X75 (ASPH) S-12.5 MIRL

IAP

RWY 09L: REIL. PAPI(P2L)—GA 3.5° TCH 49'. Trees.**RWY 27R:** REIL. PAPI(P2L)—GA 4.0° TCH 48'. Thld dsplcd 465'.
Trees. Rgt tfc.**RWY 09R-27L:** 2179X100 (TURF)**RWY 27L:** Trees. Rgt tfc.**SERVICE:** S4 **FUEL** 100LL, JET A **LGT** Actvt PAPI Rwy 09L and 27R;
MIRL Rwy 09L-27R—CTAF. Rwy 09L PAPI unusable byd 5° left of
centerline. Rwy 27R PAPI unusable byd 6° left and 8° right of
centerline.**AIRPORT REMARKS:** Attended Apr-Oct Mon-Fri 1300-2200Z‡, Nov-Mar
Mon-Fri 1300-2100Z‡, Sat-Sun 1500-1900Z‡. Bird activity invof
arpt. Fuel avbl aft hrs by prior req; call 570-295-7952 or
570-726-3462. Rwy 09R white cones mark rwy edge and thlds.
Rwy 27L white cones mark rwy edge and thlds. No simultaneous rwy
ops.**AIRPORT MANAGER:** 570-748-5123**COMMUNICATIONS:** CTAF/UNICOM 122.8Ⓡ **NEW YORK CENTER APP/DEP CON** 134.8**CLEARANCE DELIVERY PHONE:** For CD ctc New York ARTCC at
631-468-1425.**RADIO AIDS TO NAVIGATION:** NOTAM FILE AOO.**PHILIPSBURG (VH) (H) VORTAC** 115.5 PSB Chan 102 N40°54.98' W77°59.56' 073° 29.1 NM to fld. 2443/10W.

VOR unusable:

005°-010° byd 40 NM

035°-060° byd 40 NM

095°-104° byd 40 NM

105°-115° byd 40 NM blo 18,000'

116°-145° byd 40 NM

146°-156° byd 40 NM blo 5,000'

146°-156° byd 70 NM

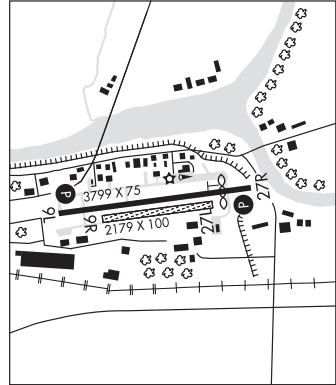
157°-171° byd 40 NM

172°-189° byd 40 NM blo 10,000'

172°-189° byd 78 NM

200°-205° byd 40 NM

320°-325° byd 40 NM

COMM/NAV/WEATHER REMARKS: Local wx on CTAF (3 clicks).**MCVILLE** (See FREEPORT on page 277)

MEADVILLE

PORT MEADVILLE (GKJ)(KGKJ) 3 W UTC-5(-4DT) N41°37.59' W80°12.88'

1399 B NOTAM FILE GKJ

RWY 07-25: H5001X75 (ASPH) S-12, D-60 MRL

RWY 07: VASI(V4L)—GA 3.0° TCH 58'. Trees.

RWY 25: MALS. PAPI(P4L)—GA 3.0° TCH 41'.

SERVICE: S4 FUEL 100LL, JET A LGT ACTVT MALS Rwy 25; PAPI Rwy 25; VASI Rwy 07; MRL Rwy 07-25—CTAF.

AIRPORT REMARKS: Attended Mon-Fri 1300-2200Z. Birds, deer and ground hogs on and invof arpt. Call ahead to coordinate svc. Terminal building clsd major holidays and weekends. During winter months rwy and afld pavements may not be maintained, call for fld cond. Jet A anti-ice avbl upon request. Ldg fees vary, call arpt at 814-333-2677 for fee amounts.

AIRPORT MANAGER: 814-720-2261

WEATHER DATA SOURCES: ASOS 121.425 (814) 337-2590.

COMMUNICATIONS: CTAF/UNICOM 123.0

Ⓡ **YOUNGSTOWN APP/DEP CON** 133.95 (1100-0500Z)

Ⓡ **CLEVELAND CENTER APP/DEP CON** 120.775 (0500-1100Z) or ctc

Cleveland ARTCC at 440-774-0227.

CLNC DEL 124.95

CLEARANCE DELIVERY PHONE: For CD ctc Youngstown Apch at 330-856-4806, when Apch clsd ctc Cleveland ARTCC at 440-774-0232.

RADIO AIDS TO NAVIGATION: NOTAM FILE YNG.

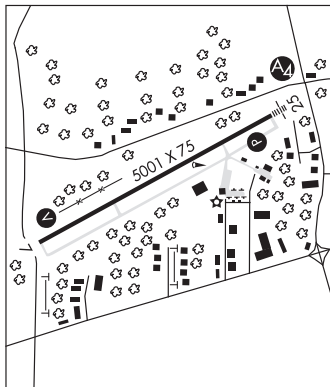
YOUNGSTOWN (L) (L) VORTACW 109.0 YNG Chan 27 N41°19.86' W80°40.48' 054° 27.3 NM to fld. 1159/5W.

VOR unusable:

015°-179° blo 5,000'

180°-014° byd 25 NM blo 5,000'

LOC 108.5 I-GKJ Rwy 25.



DETROIT
H-10H, L-30H
IAP

MID ATLANTIC SOARING CENTER (See FAIRFIELD on page 275)

MID-STATE (See PHILIPSBURG on page 297)

MIFFLIN CO (See REEDSVILLE on page 305)

MIFFLINTOWN (P34) 2 N UTC-5(-4DT) N40°35.94' W77°24.34'

545 B NOTAM FILE IPT

RWY 08-26: H2627X50 (ASPH) LIRL

RWY 08: Thld dsplcd 232'. Trees.

RWY 26: Trees.

SERVICE: LGT ACTIVATE rotating bcn, LIRL Rwy 08-26 and wind indicator lgts—CTAF.

AIRPORT REMARKS: Unattended.

AIRPORT MANAGER: 717-436-2725

COMMUNICATIONS: CTAF/UNICOM 122.8

Ⓡ **NEW YORK CENTER APP/DEP CON** 134.8

CLEARANCE DELIVERY PHONE: For CD ctc New York ARTCC at 631-468-1425.

RADIO AIDS TO NAVIGATION: NOTAM FILE SEG.

SELINSGROVE (L) (L) VORW/DME 110.4 SEG Chan 41 N40°47.45' W76°53.04' 252° 26.4 NM to fld. 610/8W.

VOR unusable:

098°-150° byd 20 NM blo 5,000'

106°-116° byd 20 NM blo 10,000'

151°-185° byd 19 NM

250°-285° byd 10 NM blo 14,000'

295°-300° byd 25 NM blo 4,500'

DME unusable:

098°-150° byd 20 NM blo 5,000'

151°-185° byd 19 NM

255°-265° blo 7,000'

295°-300° byd 25 NM blo 4,500'

DETROIT
L-30J
IAP

MILTON N41°01.40' W76°39.92' NOTAM FILE IPT.

(L) (L) **VORTACW** 109.2 MIP Chan 29 107° 10.6 NM to Bloomsburg Muni. 1000/9W.

NEW YORK
H-10H, L-30J

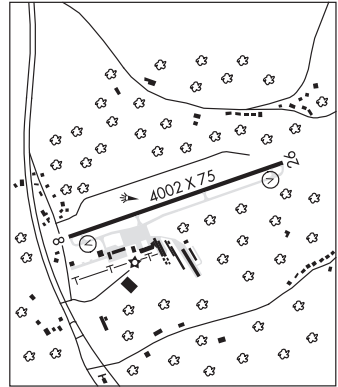
MODENA N39°55.08' W75°40.25' NOTAM FILE IPT.
(L) (L) VORTACW 113.2 MXE Chan 79 052° 6.0 NM to Brandywine Rgnl. 473/9W.
 VOR unusable:
 036°-046°
 047°-057° byd 10 NM
 058°-085°
 170°-248° byd 27 NM blo 7,500'
 170°-248° byd 30 NM blo 9,500'
 170°-248° byd 8 NM blo 6,000'
 268°-278° byd 28 NM
 278°-290° blo 10,000'
 290°-326°

WASHINGTON
 H-101, 121, L-346, A

MONONGAHELA

ROSTRAVER (FWQ)(KFWQ) 5 E UTC-5(-4DT) N40°12.58' W79°49.89'
 1228 B NOTAM FILE A00
RWY 08-26: H4002X75 (ASPH-GRVD) S-26, D-30 MIRL
RWY 08: REIL. VASI(V4R)—GA 3.0° TCH 51'. Tower.
RWY 26: REIL. VASI(V4L)—GA 3.0° TCH 48'.
SERVICE: S4 FUEL 100LL, JET A, A+ LGT ACTIVATE MIRL Rwy 08-26,
 REIL Rwy 08 and Rwy 26—CTAF.
AIRPORT REMARKS: Attended Mon-Fri 1200-2200Z±. After hrs ctc
 724-640-6349/2409. Deer and birds on and invof arpt. Rwy 08 rgt ttc
 helicopter/ultralights. Rwy 26 Rgt ttc helicopter/ultralights.
AIRPORT MANAGER: 724-379-6980
WEATHER DATA SOURCES: AWOS-3 118.475 (724) 379-5815.
COMMUNICATIONS: CTAF/UNICOM 122.8
(R) PITTSBURGH APP/DEP CON 119.35
CLEARANCE DELIVERY PHONE: For CD ctc Pittsburgh Apch at 412-472-5591.
RADIO AIDS TO NAVIGATION: NOTAM FILE AGC.
ALLEGHENY (L) (L) VORW/DME 110.0 AGC Chan 37 N40°16.72'
 W80°02.45' 122° 10.5 NM to fld. 1285/9W.
 VOR unusable:
 036°-059° byd 10 NM blo 7,000'
 071°-175°
 226°-261° byd 10 NM
 300°-310°

DETROIT
 L-29C
 IAP



MONTOUR N40°29.28' W80°11.63' NOTAM FILE PIT.
(L) DME 112.0 MMJ Chan 57 277° 1.8 NM to Pittsburgh Intl. 1193.
 DME unusable:
 126°-165° byd 10 NM blo 5,000'
 126°-165° byd 15 NM
 350°-360° byd 30 NM

DETROIT
 L-29C

MOUNT JOY/MARIETTA**DONEGAL SPRINGS AIRPARK** (N71) 3 SW UTC-5(-4DT) N40°05.53' W76°34.46'NEW YORK
L-29E, 34G, A
IAP

458 B NOTAM FILE IPT

RWY 10-28: H3250X50 (ASPH) S-12.5 MIRL**RWY 10:** Thld dsplcd 300'. Pole.**SERVICE:** S5 **FUEL** 100LL **LGT** ACTIVATE MIRL Rwy 10-28 and rotating bcn—CTAF.**AIRPORT REMARKS:** Attended Mon-Fri 1300Z-2130Z†, Sat-Sun unattended. Parachute Jumping. Rwy 10 dsplcd thld bar 300' from rwy end, dsplcd thld lgts 300' from rwy end.**AIRPORT MANAGER:** 717-928-4360**COMMUNICATIONS:** CTAF/UNICOM 122.8® **HARRISBURG APP/DEP CON** 126.45**CLNC DEL** 127.05**CLEARANCE DELIVERY PHONE:** For CD ctc Harrisburg Apch at 800-932-0712.**RADIO AIDS TO NAVIGATION:** NOTAM FILE LNS.**LANCASTER (L) (L) VOR/DME** 117.3 LRP Chan 120 N40°07.20'

W76°17.48' 272° 13.1 NM to fld. 399/9W.

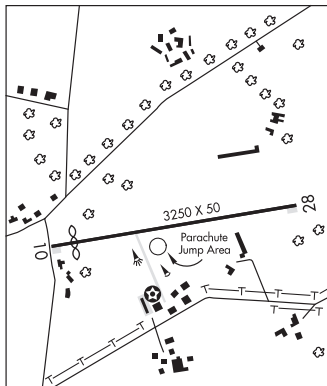
VOR unusable:

195°-273° byd 21 NM blo 9,000'

DME unusable:

180°-190°

320°-030° byd 31 NM blo 8,000'

**MOUNT PLEASANT****MOUNT PLEASANT/SCOTSDALE** (P45) 3 S UTC-5(-4DT) N40°06.46' W79°32.58'

DETROIT

1160 NOTAM FILE AOO

RWY 06-24: 2037X135 (TURF) 1.8% up NE**RWY 06:** Trees.**RWY 24:** Tree.**RWY 14-32:** 1625X175 (TURF) 2.6% up SE**RWY 14:** Thld dsplcd 565'. Road.**RWY 32:** Thld dsplcd 250'. Trees.**SERVICE:** **FUEL** 100LL**AIRPORT REMARKS:** Attended irregularly. Wildlife on and invof rwys. Extensive helicopter activity at adjacent heliport. Ultralight activity on and invof arpt. Ultralight acft use 500' AGL rgt tfc pat for all rwys. Rwy not monitored during winter months. Rwy unusable during spring thaw and wet periods. Both rwy sfcs are rolling. Rwy 14 road crosses centerline 90° out, angling to the left side of thld. Rwy 06-24 marked with yellow cones. Rwy 14-32 marked with yellow cones. First 375' AER 06 has 7% gradient. First 100' AER 32 has 5.5% gradient. Seasonal crops located around rwys.**AIRPORT MANAGER:** 814-442-1173**COMMUNICATIONS:** CTAF 122.9**CLEARANCE DELIVERY PHONE:** For CD ctc Johnstown Apch at 814-532-5960, when Apch clsd ctc Cleveland ARTCC at 440-774-0213.**W P H S HELIPORT** (P99) 3 S UTC-5(-4DT) N40°06.49' W79°32.88'

DETROIT

1090 NOTAM FILE AOO

HELIPAD H1: H74X74 (ASPH-CONC)**SERVICE:** S4 **FUEL** JET A**HELIPORT REMARKS:** Attended Mon-Fri 1300-2200Z†. Seasonal crops located approximately 35' south of heliport. Helipad H1 conc touchdown pad 42' by 42', remainder of ldg area is asph. Fixed wing tfc adjacent at Mount Pleasant-Scottdale arpt. Helipad H1 ingress 320°-050°, egress 140°-230°.**AIRPORT MANAGER:** 724-887-4410**COMMUNICATIONS:** CTAF 122.9**CLEARANCE DELIVERY PHONE:** For CD ctc Johnstown Apch at 814-532-5960, when Apch clsd ctc Cleveland ARTCC at 440-774-0234.

MOUNT POCONO

POCONO MOUNTAINS RGNL (MPO)(KMPO) 2 NW UTC-5(-4DT) N41°08.26' W75°22.80'

NEW YORK
H-101, L-30K, 33A, 34H
IAP

1915 B NOTAM FILE MPO

RWY 13-31: H5001X75 (ASPH) S-30, D-45 MIRL

RWY 13: REIL. PAPI(P2L)—GA 3.0° TCH 44'. Thld dspclcd 501'.

Trees.

RWY 31: REIL. PAPI(P2L)—GA 3.5° TCH 40'.

RWY 05-23: H3999X100 (ASPH) S-30, D-45, 2D-70 MIRL
1.0% up NE

RWY 05: REIL. PAPI(P2L)—GA 4.0° TCH 43'. Trees.

RWY 23: REIL. PAPI(P2L)—GA 4.0° TCH 53'. Road.

SERVICE: S4 FUEL 100LL, JET A LGT ACTVT REIL Rwy 05, 13, 23 and 31; PAPI Rwy 05 13, 23 and 31; MIRL Rwy 05-23 and 13-31—CTAF. Rwy 31 VGSi and RNAV glidepath not coincident.

NOISE: Noise abatement procedures in effect, for details ctc arpt manager at 570-839-0258. Rwy 31 VFR departure: fly heading 310 till crossing Interstate 380, then proceed on course avoiding overflight of homes southwest of Rwy 13-31.

AIRPORT REMARKS: Attended 1200-2200Z. Birds, deer and other wildlife on and in/ovf arpt. For svc after hrs call 570-807-8966. 24 hr self svc 100LL avbl.

AIRPORT MANAGER: (570) 839-0258

WEATHER DATA SOURCES: ASOS 120.275 (570) 839-1584.

COMMUNICATIONS: CTAF/UNICOM 122.7

Ⓡ WILKES-BARRE APP/DEP CON 126.3

CLNC DEL 125.3

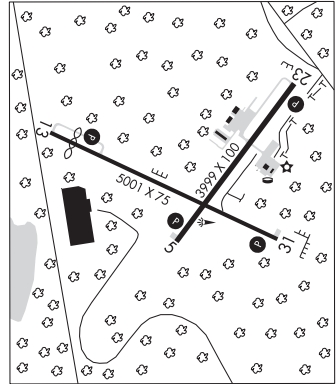
RADIO AIDS TO NAVIGATION: NOTAM FILE AVP.

WILKES-BARRE (L) (L) VORTAC 111.6 LVZ Chan 53 N41°16.37' W75°41.37' 130° 16.2 NM to fld. 2118/10W.

VOR unusable:

290°-305° byd 15 NM blo 6,000'

COMM/NAV/WEATHER REMARKS: UNICOM 1300Z—dusk daily.



MUIR AAF (FORT INDIANTOWN GAP) (MUI)(KMUI) ARNG 6 N UTC-5(-4DT) N40°26.11'

NEW YORK
L-30J, 34G, A
DIAP, AD

W76°34.12'

487 B TPA—See Remarks NOTAM FILE IPT Not insp.

RWY 07-25: H3981X98 (ASPH) PCN 24 F/B/W/T MIRL 0.5% up E

RWY 07: REIL. Thld dspclcd 350'. Rgt tfc.

RWY 25: REIL. PAPI(P4L)—GA 3.0° TCH 69'. Thld dspclcd 121'.

SERVICE: MILITARY—LGT MIRL Rwy 07-25 ATCT—cti. ACTVT PAPI Rwy 25—CTAF; MIRL Rwy 07-25 ATCT. FUEL J8-PPR, 24 hr wkcd, 48 hr wkend, for fuel and prk thru ARNG OPS C717-861-8963, DSN 491-8963.

MILITARY REMARKS: Opr 1200-0600Z Mon-Fri May-Aug exc wkend and hol; 1200-0400Z Mon-Fri Sep-Apr exc wkend and hol. Open additional hrs for scheduled training. See FLIP AP/1 Supplementary Arpt Remark. Afd clsd on weekends and holidays. Any acft arriving or departing on weekends or holidays rqr prior approval. Access to afd is rstcd when clsd.

Contact Muir AAF ops at (717) 861-8963 DSN 491-8963. Echo 5 parking pad is for VIP loading and unloading only. RSTD PPR 24 hr, call during normal duty hr. PPR all tran acft. Ctc OPS DSN 491-8963, C717-861-8963. Rwy 07-25 clsd to fixed wing tfc. Augmented/man visbl obstruction from 20' AGL. Building obstruction may impact prevailing visibility 270-020. CAUTION Rwy has gradual 30' rise fr AER 07 to a pt 2800' up rwy, rwy ends not mutually vis. Lgtd water twr 0.7 NM W and 0.5 NM S of afd. TFC PAT TPA rotary wing 1200(713). MISC Ltd prk. Wx 1200-0300Z excld wkend and hol, OT ctc 15 OWS, Scott AFB, DSN 576-9755. 2 hr lead time rqr. Wx stn DSN 491-2536, C717-861-2536, AN/FMQ-19 ASOS in use. Augmented when nec drg wx stn hrs. Inst procedures may inadvertently interrupt localized gnd trng at R5802. All tran acft or crews unfamiliar with Muir AAF are highly advs to practice inst procedures under VFR in VMC to the max extent. Practice inst procedures under IFR are not recommended. See AP 1 for more information.

AIRPORT MANAGER: 717-861-8963

WEATHER DATA SOURCES: ASOS 124.175 (717) 861-6493. AN/FMQ-19 owned by US Army.

COMMUNICATIONS: CTAF 126.2

Ⓡ HARRISBURG APP/DEP CON 118.25 269.45

TOWER 126.2 290.5 (Opr 1300-0600Z Mon-Fri May-Aug exc hol or NOTAM; 1300-0500Z Mon-Fri Sep-Apr exc hol or NOTAM; 1300-0400Z Sat exc hol or NOTAM; 1300-2200Z Sun exc hol or NOTAM.)

GND CON 121.625 269.525 ARNG OPS 40.075 FLT FLW 36.075

CLEARANCE DELIVERY PHONE: For CD when ATCT clsd, ctc Harrisburg Apch at 800-932-0712.

AIRSPACE: CLASS D svc 1300-0600Z Mon-Fri May-Aug exc hol or NOTAM, 1300-0500Z Mon-Fri Sep-Apr exc hol or NOTAM, 1300-0400Z Sat exc hol or NOTAM, 1300-2200Z Sun exc hol or NOTAM; other times CLASS G.

CONTINUED ON NEXT PAGE

CONTINUED FROM PRECEDING PAGE

RADIO AIDS TO NAVIGATION: NOTAM FILE IPT.

BELLEVILLE NDB (MHW) 328 BZJ N40°26.14' W76°33.18' at fld. 480/10W.

ILS/DME 111.75 I-MUI Chan 54(Y) Rwy 25. DME unusable 25° right of course.

HELIPAD H1: H100X100 (CONC)

HELIPAD H2: H100X100 (CONC)

HELIPAD H3: H100X100 (CONC)

MYERSTOWN

DECK (9D4) 1 SW UTC-5(-4DT) N40°21.13' W76°19.78' 523 B NOTAM FILE IPT

RWY 01-19: H3786X50 (ASPH) S-12 MIRL 0.3% up N

RWY 01: REIL. PAPI(P2L)—GA 3.0° TCH 40'. Bldg.

RWY 19: REIL. PAPI(P2L)—GA 4.0° TCH 42'. Thld dspcd 177'.

SERVICE: S4 FUEL 100LL, JET A OX 1, 3 LGT ACTVT REIL Rwy 01 and 19; MIRL Rwy 01-19, and rotating bcn—CTAF. Rwy 01 NSTD REIL, strobe lgts identify rwy ends. Rwy 19 NSTD REIL, strobe lgts identify rwy ends. Rwy 01-19 no amber caution lgts last half of rwy.

AIRPORT REMARKS: Attended 1200-0000Z. Rwy 01-19 turn around area at dep end of Rwy 01 left side. Acft hangar 570' behind Rwy 01 thld and 212' left. Acft may be parked 57' behind Rwy 01 thld and 132' left. Hovering by large military helicopters not authorized.

AIRPORT MANAGER: 717-866-4388

WEATHER DATA SOURCES: AWOS-2 118.45 (717) 866-2906.

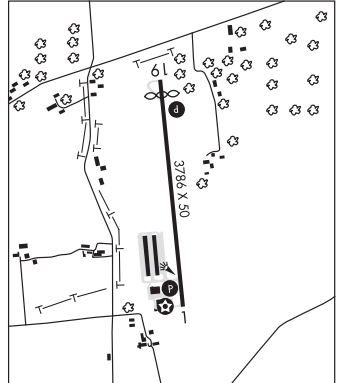
COMMUNICATIONS: CTAF/UNICOM 122.8

Ⓡ HARRISBURG APP/DEP CON 118.25

CLEARANCE DELIVERY PHONE: For CD ctc Harrisburg Apch at 800-932-0712.

RADIO AIDS TO NAVIGATION: NOTAM FILE IPT.

RAVINE (L) (L) VORTACW 114.6 RAV Chan 93 N40°33.20' W76°35.96' 145° 17.3 NM to fld. 1750/11W.



NEW YORK L-30J, 34G, A IAP

NEW CASTLE MUNI (UCP)(KUCP) 4 NW UTC-5(-4DT) N41°01.52' W80°24.80' 1072 B NOTAM FILE AOO

RWY 05-23: H3995X75 (ASPH) S-12.5 MIRL 0.4% up SW

RWY 05: REIL. PAPI(P4L)—GA 3.0° TCH 45'. Trees.

RWY 23: REIL. PAPI(P4L)—GA 3.0° TCH 40'. Trees.

RWY 13-31: H2855X100 (ASPH) S-12.5 2.0% up SE

RWY 13: PAPI(P2L)—GA 3.0° TCH 19'. Trees.

RWY 31: Thld dspcd 108'.

SERVICE: S4 FUEL 100LL LGT ACTIVATE REIL Rwy 05 and Rwy 23; PAPI Rwy 05, Rwy 13, Rwy 23; MIRL Rwy 05-23—CTAF.

AIRPORT REMARKS: Attended 1330-2200Z. Deer on and invof art.

AIRPORT MANAGER: (724) 651-2100

WEATHER DATA SOURCES: AWOS-3PT 124.175 (724) 652-4184.

COMMUNICATIONS: CTAF/UNICOM 123.0

Ⓡ YOUNGSTOWN APP/DEP CON 133.95 (1100-0500Z)

Ⓡ CLEVELAND CENTER APP/DEP CON 126.725 (0500-1100Z)

CLEARANCE DELIVERY PHONE: For CD ctc Youngstown Apch at 330-856-4806, when Apch clsd ctc Cleveland ARTCC at 440-774-0234.

RADIO AIDS TO NAVIGATION: NOTAM FILE YNG.

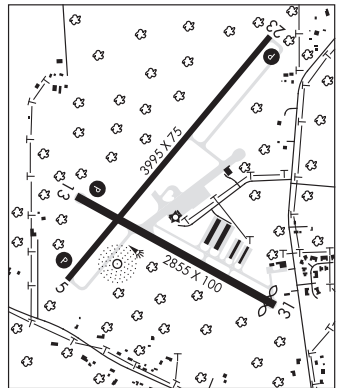
YOUNGSTOWN (L) (L) VORTACW 109.0 YNG Chan 27 N41°19.86' W80°40.48' 152° 21.8 NM to fld. 1159/5W.

VOR unusable:

015°-179° blo 5,000'

180°-014° byd 25 NM blo 5,000'

CASTLE NDB (MHW) 272 UCP N41°01.38' W80°24.95' at fld. 1023/9W. NOTAM FILE AOO.



DETROIT L-30H IAP

NEW GARDEN (See TOUGHKENAMON on page 311)

NORTH PHILADELPHIA N40°04.92' W75°00.64' RCO 122.2 (WILLIAMSPORT RADIO)

NEW YORK L-34G, A

NORTHEAST PHILADELPHIA (See PHILADELPHIA on page 294)

NORTHUMBERLAND CO (See SHAMOKIN on page 307)

PALMYRA

REIGLE FLD (58N) 2 S UTC-5(-4DT) N40°17.21' W76°34.62'
489 B NOTAM FILE IPT

RWY 13-31: H1955X40 (ASPH) S-12.5 LIRL(NSTD) 0.4% up SE
RWY 31: Thld dsplcd 300'. Crops.

SERVICE: S4 **FUEL** 100LL **LGT** ACTIVATE LIRL Rwy 13-31 and rotating
bcn—CTAF. NSTD LIRL, lgts located 125' left and right of centerline.
Rwy 13; first 110' unlgtd. Rwy 31; first 60' unlgtd. 1780' of rwy lgtd.
Rwy 31 dsplcd thld identified at ngt by one green lgt each side of rwy.

AIRPORT REMARKS: Attended 1400-2200Z†.

AIRPORT MANAGER: 717-838-5519

COMMUNICATIONS: CTAF/UNICOM 122.8

® **HARRISBURG APP/DEP CON** 118.25 (001°-079°) 126.45 (080°-210°)
124.1 (211°-000°)

CLEARANCE DELIVERY PHONE: For CD ctc Harrisburg Apch at 800-932-0712.

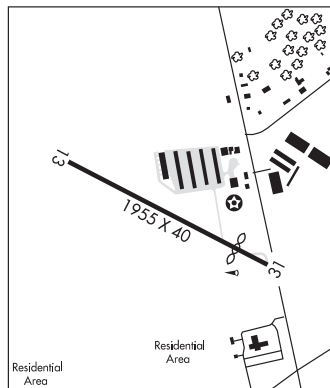
RADIO AIDS TO NAVIGATION: NOTAM FILE LNS.

LANCASTER (L) (L) VORW/DME 117.3 LRP Chan 120 N40°07.20'
W76°17.48' 316° 16.5 NM to fld. 399/9W.

VOR unusable:
195°-273° byd 21 NM blo 9,000'

DME unusable:
180°-190°
320°-030° byd 31 NM blo 8,000'

NEW YORK
L-34G
IAP



PENN VALLEY (See SELINSGROVE on page 306)

PENN'S LANDING HELIPORT (See PHILADELPHIA on page 294)

PENNRIDGE (See PERKASIE on page 293)

PENNS CAVE (See CENTRE HALL on page 266)

PERKASIE

PENNRIDGE (CKZ)(KCKZ) 1 N UTC-5(-4DT) N40°23.35' W75°17.43'
568 B TPA—See Remarks NOTAM FILE IPT

RWY 08-26: H4211X100 (ASPH-PFC) D-26 MIRL 1.1% up E

RWY 08: PAPI(P2L)—GA 3.78° TCH 20'. Thld dsplcd 266'. Trees.

RWY 26: PAPI(P2L)—GA 4.0° TCH 28'. Thld dsplcd 351'. Trees.

SERVICE: S4 **FUEL** 100LL, JET A **LGT** ACTVT PAPI Rwy 08 and Rwy
26, MIRL Rwy 08-26—CTAF.

AIRPORT REMARKS: Attended 1300-2100Z†. For svc aft hrs call AMGR.

Parachute Jumping. Occasional deer and wild turkeys invov rwy.
Skydiving act daily dawn to dusk. Rwy 08-26 clsd to touch and go
ldgs. TPA for light acct 1368(800), TPA for turbo prop and jets
1768(1200).

AIRPORT MANAGER: 267-718-4254

WEATHER DATA SOURCES: AWOS-3 126.325 (215) 257-7291.

COMMUNICATIONS: CTAF/UNICOM 123.0

® **PHILADELPHIA APP/DEP CON** 123.8

CLNC DEL 118.55

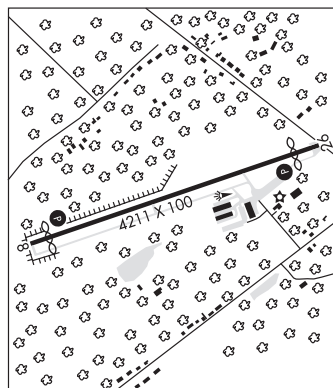
CLEARANCE DELIVERY PHONE: For CD ctc Philadelphia Apch at
800-354-9884.

RADIO AIDS TO NAVIGATION: NOTAM FILE IPT.

EAST TEXAS (L) (L) VORW/DME 110.2 ETX Chan 39 N40°34.86'
W75°41.04' 131° 21.4 NM to fld. 741/9W.

VOR unusable:
255°-265°

NEW YORK
L-33A, 34G, A
IAP



PHILADELPHIA

NORTHEAST PHILADELPHIA (PNE)(KPNE) 10 NE UTC-5(-4DT) N40°04.92' W75°00.63'

NEW YORK

H-101, 12J, L-34G, A
IAP, AD

120 B TPA—See Remarks LRA NOTAM FILE PNE

RWY 06-24: H7000X100 (ASP-GRVD) S-120, D-250, 2S-114,

2D-550 PCN 80 F/A/X/T HIRL

RWY 06: REIL. PAPI(P4L)—GA 3.0° TCH 56'. Thld dsplcd 498'.
Trees.

RWY 24: MALS. PAPI(P4R)—GA 3.0° TCH 53'. Trees.

RWY 15-33: H4999X150 (ASP-GRVD) S-40, D-55 MIRL

RWY 15: REIL. PAPI(P4L)—GA 3.0° TCH 39'. Tree.

RWY 33: REIL. PAPI(P4L)—GA 3.0° TCH 39'. Tree.

LAND AND HOLD—SHORT OPERATIONS

LDG RWY	HOLD—SHORT POINT	AVBL LDG DIST
RWY 24	15-33	4150
RWY 33	06-24	3600

RUNWAY DECLARED DISTANCE INFORMATION

RWY 06: TORA-7000 TODA-7000 ASDA-7000 LDA-6502

RWY 24: TORA-6826 TODA-7000 ASDA-6102 LDA-6102

SERVICE: S4 FUEL 100LL, JET A OX 1, 3, 4 LGT When ATCT clsd

HIRL RWY 06-24 preset med instst, to incrs instst and actvt MALS

Rwy 24—CTAF.

NOISE: Rwy 15 is noise sensitive. Rwy 15 arrivals are requested to fly at or above glide path.

AIRPORT REMARKS: Attended Mon-Fri 1000-0530Z, Sat-Sun 1100-0330Z. Deer and birds on and in/ov arpt. Be alert, 3 large brightly lit jumbotron signs aprx 3 miles northeast of AER 24. These signs may cause visual ilussions dur an apch or missed apch. Pilots be advised. Be alert for arpt vehicles when twr clsd. Arpt closed to Part 121 air carrier and Part 135 scheduled svc. TPA actf less than 12,500 lbs 1119(999), actf 12,500 lbs or more and all turbojet and turbine powered actf 1619(1499), rotary wing actf 919(799). Turbojet actf are confined to full length Rwy 06-24 unless strong winds dictate otherwise. Twy L3 safety area non std. Twy J1 non movement area. Compass rose not for pub use. Twy J btn Twy G and hel apn is non mov area. Ldg fee. CBP 24 hr PPR by calling 215-594-4272 or 215-594-4141.

AIRPORT MANAGER: 215-937-7968

WEATHER DATA SOURCES: ASOS (215) 677-0146

COMMUNICATIONS: CTAF 126.9 ATIS 121.15 UNICOM 122.95

NORTH PHILADELPHIA RCO 122.2 (WILLIAMSPORT RADIO)

Ⓡ **APP/DEP CON** 123.8

TOWER 126.9 (1100-0400Z) **GND CON** 121.7 **CLNC DEL** 127.25

CLEARANCE DELIVERY PHONE: For CD when ATCT is clsd ctc phl Apch at (800) 354-9884.

AIRSPACE: CLASS D svc 1100-0400Z; other times CLASS E.

RADIO AIDS TO NAVIGATION: NOTAM FILE IPT.

YARDLEY (L) (L) VOR/DME 108.2 ARD Chan 19 N40°15.20' W74°54.46' 215° 11.3 NM to fld. 294/10W.

VOR unusable:

020°-040°

195°-225° byd 25 NM blo 5,000'

250°-265° blo 3,500'

266°-280° byd 20 NM blo 5,000'

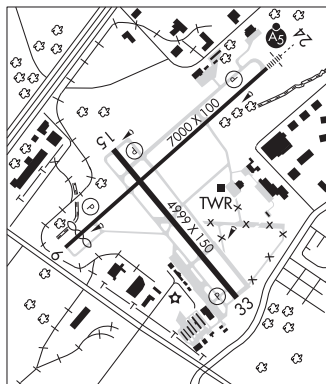
281°-300° byd 14 NM blo 6,000'

DME unusable:

225°-275° byd 25 NM blo 5,000'

ILS 111.1 I-PNE Rwy 24. Class IA. LOC unusable byd 025° left and 025° r of course; wi 5.8 NM abv 2,000'; at thld abv 1,000'; wi 0.5 NM.

COMM/NAV/WEATHER REMARKS: Emerg freq 121.5 not avbl at twr.



PENN'S LANDING HELIPORT (P72) 0 N UTC-5(-4DT) N39°56.24' W75°08.48'

WASHINGTON

15 B NOTAM FILE IPT

HELIPAD H1: H68X68 (ASP)

HELIPAD H1: NSTD.

SERVICE: FUEL JET A LGT ACTIVATE NSTD perimeter lgts—123.025. Helipad H1 green lgts on east and south sides only.

HELIPORT REMARKS: Attended Mon-Fri 1300-2300Z. For attendance on weekends/holidays call 215-271-2510. H1 ingress 230°/310°, egress 050°/130°. Rwy H1 shallow sfc depressions. Lgtd bldg 660' north of pad. Ldg fee.

AIRPORT MANAGER: 215-271-2510

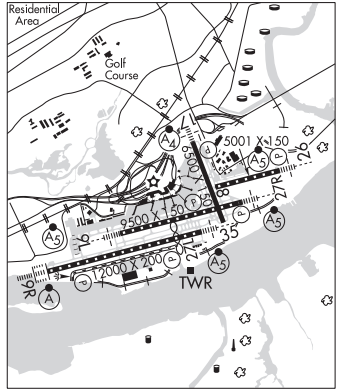
COMMUNICATIONS: CTAF 122.9

CLEARANCE DELIVERY PHONE: For CD ctc Philadelphia Apch at 800-354-9884.

PHILADELPHIA INTL (PHL)(KPHL) 5 SW UTC-5(-4DT) N39°52.33' W75°14.44'

WASHINGTON
H-101, 12J, L-34G, A
IAP, AD

- 36 B LRA Class I, ARFF Index E NOTAM FILE PHL
- RWY 09R-27L:** H12000X200 (ASPH-GRVD) S-200, D-210, 2D-350 PCN 60 F/A/X/T HIRL CL
- RWY 09R:** ALSF2. TDZL. PAPI(P4R)—GA 3.0° TCH 72'. RVR-TMR Trees.
- RWY 27L:** MALSR. PAPI(P4L)—GA 3.0° TCH 73'. RVR-TMR Thld dsplcd 1913'. Boat.
- RWY 09L-27R:** H9500X150 (ASPH-GRVD) S-100, D-210, 2D-350 PCN 60 F/A/X/T HIRL CL
- RWY 09L:** MALSR. REIL. RVR-TMR Trees.
- RWY 27R:** MALSR. PAPI(P4L)—GA 3.0° TCH 81'. RVR-TMR Boat.
- RWY 17-35:** H6500X150 (ASPH-GRVD) S-100, D-170, 2S-175, 2D-300 PCN 27 F/A/X/T HIRL
- RWY 17:** MALSF. PAPI(P4L)—GA 3.0° TCH 50'. RVR-TR Sign.
- RWY 35:** REIL. PAPI(P4L)—GA 3.15° TCH 52'. RVR-TR Boat.
- RWY 08-26:** H5001X150 (ASPH-GRVD) D-145 PCN 27 F/A/X/T HIRL CL 0.5% up E
- RWY 26:** MALSR. PAPI(P4R)—GA 3.15° TCH 50'. RVR-TR Tree.



RUNWAY DECLARED DISTANCE INFORMATION

- RWY 08:** TORA-5001 TODA-5001 ASDA-5001 LDA-5001
- RWY 09L:** TORA-9500 TODA-9500 ASDA-9500 LDA-9500
- RWY 09R:** TORA-12000 TODA-12000 ASDA-12000 LDA-12000
- RWY 17:** TORA-6500 TODA-6500 ASDA-6500 LDA-6500
- RWY 26:** TORA-5001 TODA-5001 ASDA-5001 LDA-5001
- RWY 27L:** TORA-12000 TODA-12000 ASDA-11825 LDA-9912
- RWY 27R:** TORA-9500 TODA-9500 ASDA-9500 LDA-8864
- RWY 35:** TORA-6500 TODA-6500 ASDA-6500 LDA-6500

SERVICE: S4 FUEL 100LL, JET A OX 1, 2, 3, 4 LGT Rwy 26 PAPI unusable byd 8° right of cntrln.

NOISE: Arpt is lctd in a noise sensitive area. Arpt noise abatement takeoff procedures are to be used.

AIRPORT REMARKS: Attended continuously. Birds on and in/ov arpt. Unlgtg stack 288' MSL (271' AGL) 2.3 NM southwest of arpt. TCAS equipped acft, TCAS alert may be caused by transponder equipped ships lctd PHL Naval Base 3 NM east. Rwy 26, Rwy 27L, Rwy 27R, and Rwy 35 ship channel (Delaware River) max height of ships 189'. Rwy 26 ship channel (Schuylkill) max height of ships 149'. Rwy 27R LDA 9500' avbl O/R to ATC. Possible unmarked ship obst transiting east or westbound along the Delaware River reaching heights of 189', be alert when apch PHL Rwy 35 and whenever circling or visually apch all other rwy's. Pilots can exp to exit and re-enter the PHL Class B airspace dur moderate to heavy arrival periods. Rwy 09R rollout RVR used for Rwy 09L midpoint RVR. ASDE-X in use. Operate transponders with altitude reporting mode and ADS-B (if equipped) enabled on all airport surfaces. Only nose-in parking permitted on North remote aprons. PPR from arpt ops for all acft parking on remote aprons, ctc 215-937-6914/6800. Land Rwy 26, tkf Rwy 08. Ldg fee. Flight Notification Service (ADCUS) avbl.

AIRPORT MANAGER: 215-937-6914

WEATHER DATA SOURCES: ASOS 133.4 (215) 492-9617. LLWAS. TDWR.

COMMUNICATIONS: D-ATIS ARR 133.4 D-ATIS DEP 135.925 UNICOM 122.95

Ⓡ APP CON 123.8 (001°-089° at or bto 5000') 126.85 (270°-360° at or bto 5000') 127.35 (090°-269° at or bto 5000') 128.4 (270°-089° abv 5000') 133.875 (090°-269° 8000'-6000')

Ⓡ DEP CON 119.75 (090°-269°) 124.35 (270°-089°)

TOWER 118.5 (Rwys 09L-27R, 17-35, 08-26) 135.1 (Rwy 09R-27L) **GND CON** 121.9 121.65

CLNC DEL 118.85

CPDLC (LOGON KUSA)

PDC

AIRSPACE: CLASS B See VFR Terminal Area Chart.

VOR TEST FACILITY (VOT) 109.8

RADIO AIDS TO NAVIGATION: NOTAM FILE MIV.

DUPONT (L) (L) VORTAC 114.0 DQO Chan 87 N39°40.69' W75°36.43' 065° 20.6 NM to fld. 70/10W.

VOR unusable:

230°-265° byd 20 NM

TACAN AZIMUTH unusable:

230°-265° byd 20 NM

DME unusable:

230°-265° byd 20 NM

ILS/DME 108.95 I-VII Chan 26(Y) Rwy 09L. Class IIE. DME also serves Rwy 27R.

ILS/DME 109.3 I-PHL Chan 30 Rwy 09R. Class IIIE. DME also serves Rwy 27L.

ILS/DME 108.75 I-MYY Chan 24(Y) Rwy 17. Class IT. LOC unusable byd 15° left of course.

ILS/DME 111.55 I-LLH Chan 52(Y) Rwy 26.

ILS/DME 109.3 I-GLC Chan 30 Rwy 27L. Class IIE.

ILS/DME 108.95 I-PDP Chan 26(Y) Rwy 27R. Class IIE. DME installed on Rwy 09L serves Rwy 09L/27R.

WINGS FLD (LOM)(KLOM) 3 NW UTC-5(-4DT) N40°08.25' W75°15.91'
302 B NOTAM FILE LOM

NEW YORK
L-34G, A
IAP

RWY 06-24: H3700X75 (ASPH) S-12.5 MIRL 0.6% up SW

RWY 06: REIL. PAPI(P2L)—GA 3.0° TCH 40'. Thld dsplcd 177'. Pole.

RWY 24: REIL. PAPI(P2L)—GA 3.0° TCH 40'. Trees.

SERVICE: S4 FUEL 100LL, JET A OX 1, 2 LGT Dusk-Dawn. ACTVT
MIRL Rwys 06-24, PAPI and REIL Rwy 06 and 24—CTAF.

NOISE: Noise abatement Rwy 06 and 24, no turns after tkof before 1000' AGL. Avoid overflight of schools east and west of arpt. Rwy 06-24 no touch and go landings.

AIRPORT REMARKS: Attended 1100-0300Z. Deer and large flocks of geese on and in/ov arpt. For svc after hrs ctc cmgr by phone or email. PPR all acft exceeding 12,500 lbs max tkf gross weight or abv, call 215-646-0400.

AIRPORT MANAGER: 215-646-0400

WEATHER DATA SOURCES: AWOS-3 118.925 (215) 646-1068.

COMMUNICATIONS: CTAF/UNICOM 123.0

® PHILADELPHIA APP/DEP CON 126.85

CLNC DEL 118.55 (800-354-9884)

CLEARANCE DELIVERY PHONE: For CD ctc Philadelphia Apch at 800-354-9884.

RADIO AIDS TO NAVIGATION: NOTAM FILE IPT.

MODENA (L) (L) VORTACW 113.2 MXE Chan 79 N39°55.08' W75°40.25' 064° 22.9 NM to fld. 473/9W.

VOR unusable:

036°-046°

047°-057° byd 10 NM

058°-085°

170°-248° byd 27 NM blo 7,500'

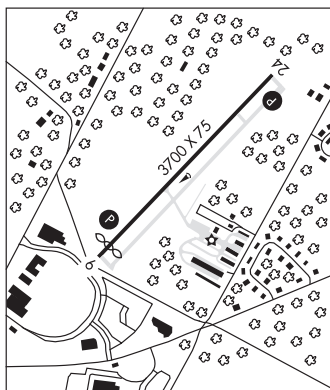
170°-248° byd 30 NM blo 9,500'

170°-248° byd 8 NM blo 6,000'

268°-278° byd 28 NM

278°-290° blo 10,000'

290°-326°



PHILADELPHIA SPB (See ESSINGTON on page 274)

PHILIPSBURG

ALBERT (1N3) 5 N UTC-5(-4DT) N40°58.30' W78°14.58'

DETROIT

1784 NOTAM FILE AOO

RWY 11-29: 3350X125 (TURF-GRVL) 0.5% up W

RWY 11: Thld dsplcd 750'. Trees.

RWY 29: Thld dsplcd 200'. Road.

AIRPORT REMARKS: Unattended. Arpt CLOSED Nov-Mar annually. Birds, deer and ground hogs on and in/ov arpt. Ultralight ops on and in/ov arpt. Rwy 11-29 shale and turf. Rwy 11-29 edges marked with yellow cones. Rwy 11 and Rwy 29 dthr mkd with yellow cones.

AIRPORT MANAGER: (814) 553-4693

COMMUNICATIONS: CTAF 122.9

CLEARANCE DELIVERY PHONE: For CD ctc New York ARTCC at 631-468-1425.

MID-STATE (PSB)(KPSB) 8 E UTC-5(-4DT) N40°53.06' W78°05.24'

DETROIT
H-10H, 12I, L-30I
IAP

1948 NOTAM FILE AOO

RWY 16-34: H5711X100 (ASPH) S-48, D-60, 2D-90 MIRL

0.5% up NW

RWY 16: Brush.

RWY 34: Trees.

RWY 06-24: H5006X100 (ASPH) S-48, D-60, 2D-90 MIRL

1.0% up NE

RWY 06: Trees.

RWY 24: Trees.

SERVICE: LGT ACTVT MIRL Rwy 06-24 and Rwy 16-34—CTAF.

AIRPORT REMARKS: Unattended. Arpt aces ltd; ctc mgr to coord 814-342-1080. Deer on and invof arpt. Heavy glider activity during dalght hrs, all alts, on and invof arpt and within 15 NM east and south of arpt. Rwy 06-24 asph crumbling at intxn of rwys causing potholes and FOD. Rwy 16-34 asph crumbling at intxn of rwys causing potholes and FOD. Rwy 06, Rwy 16 and Rwy 24 markings extremely faded. Rwy 34 mrkgs extrmly faded.

AIRPORT MANAGER: 814-342-1080

WEATHER DATA SOURCES: AWOS-3 127.525 (814) 343-4531. Ots indef.

COMMUNICATIONS: CTAF 122.9

PHILIPSBURG RCO 122.5 (ALTOONA RADIO)

RCO 122.1R 115.5T (ALTOONA RADIO)

Ⓡ **NEW YORK CENTER APP/DEP CON** 134.8

CLEARANCE DELIVERY PHONE: For CD if una to ctc on FSS freq, ctc New York ARTCC at 631-468-1425.

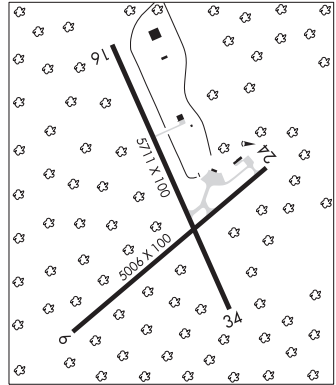
RADIO AIDS TO NAVIGATION: NOTAM FILE AOO.

PHILIPSBURG (VH) (H) VORTAC 115.5 PSB Chan 102 N40°54.98' W77°59.56' 256° 4.7 NM to fld. 2443/10W.

VOR unusable:

- 005°-010° byd 40 NM
- 035°-060° byd 40 NM
- 095°-104° byd 40 NM
- 105°-115° byd 40 NM blo 18,000'
- 116°-145° byd 40 NM
- 146°-156° byd 40 NM blo 5,000'
- 146°-156° byd 70 NM
- 157°-171° byd 40 NM
- 172°-189° byd 40 NM blo 10,000'
- 172°-189° byd 78 NM
- 200°-205° byd 40 NM
- 320°-325° byd 40 NM

COMM/NAV/WEATHER REMARKS: Ctc NG Ops 30.5, 122.85, 242.4.



PITTSBURGH

ALLEGHENY CO (AGC)(KAGC) 4 SE UTC-5(-4DT) N40°21.27' W79°55.74'

DETROIT
H-10H, 12I, L-29C
IAP, AD

1252 B NOTAM FILE AGC
RWY 10-28: H6501X150 (CONC-GRVD) S-90, D-120, 2S-152,
 2D-210 HIRL

RWY 10: REIL. VASI(V4L)—GA 3.0° TCH 47'. RVR-R
RWY 28: MALS. RVR-T Trees.

RWY 13-31: H3825X100 (CONC-GRVD) S-20, D-22 HIRL

RWY 13: REIL.
RWY 31: REIL. Pole.

LAND AND HOLD—SHORT OPERATIONS

LDG RWY	HOLD—SHORT POINT	AVBL LDG DIST
RWY 10	13-31	3250

SERVICE: S4 FUEL 100LL, JET A, A+ OX 1, 2, 3, 4

AIRPORT REMARKS: Attended continuously. Birds and deer on and in/ovf aprt. Jet A anti-ice avbl upon req. Ldg fee for acct 5,000 lbs and abv to include all helicopters.

AIRPORT MANAGER: (412) 466-4327

WEATHER DATA SOURCES: ASOS 120.55 (412) 466-8968.

COMMUNICATIONS: ATIS 120.55 UNICOM 122.95

RCO 122.2 (ALTOONA RADIO)

Ⓡ **PITTSBURGH APP/DEP CON** 119.35

TOWER 121.1 GND CON 121.7

AIRSPACE: CLASS D.

RADIO AIDS TO NAVIGATION: NOTAM FILE AGC.

(L) (L) **VOR/DME 110.0** AGC Chan 37 N40°16.72' W80°02.45' 057° 6.9 NM to fld. 1285/9W.

VOR unusable:

036°-059° byd 10 NM blo 7,000'

071°-175°

226°-261° byd 10 NM

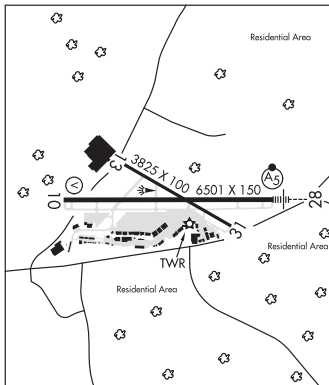
300°-310°

ILS 109.1 I-SAQ Rwy 10. Class IE. Unmonitored.

ILS 109.1 I-AGC Rwy 28. Localizer offset angle 1.98 deg.

HELIPAD H1: H47X45 (CONC)

HELIPORT REMARKS: Heliport H1 located on general aviation apron E of Twy C.



PITTSBURGH INTL (PIT)(KPIT) P (AFRC ANG) 12 NW UTC-5(-4DT) N40°29.49' W80°13.96'

DETROIT
H-10H, 12I, L-29C
IAP, AD

1203 B LRA Class I, ARFF Index D NOTAM FILE PIT
RWY 10R-28L: H11500X200 (CONC-GRVD) S-100, D-225, 2D-350
 PCR 980 R/A/X/T HIRL CL

RWY 10R: ALSF2. TDZL. PAPI(P4L)—GA 3.0° TCH 71'. RVR-TMR
 Trees.

RWY 28L: MALS. TDZL. PAPI(P4L)—GA 3.0° TCH 70'. RVR-TMR
 Trees. 0.3% up.

RWY 10C-28C: H10775X150 (ASPH-CONC-GRVD) S-100, D-149,
 2D-260 PCR 804 R/A/X/T HIRL CL

RWY 10C: REIL. PAPI(P4L)—GA 3.0° TCH 50'. RVR-TMR Thld dsplcd
 465'.

RWY 28C: TDZL. PAPI(P4L)—GA 3.0° TCH 43'. RVR-TMR Thld dsplcd
 602'.

RWY 10L-28R: H10502X150 (ASPH-CONC-GRVD) S-100, D-225,
 2D-400 PCR 780 R/A/X/T HIRL CL

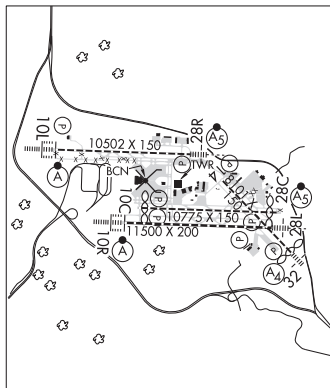
RWY 10L: ALSF2. TDZL. PAPI(P4L)—GA 3.0° TCH 83'. RVR-TMR
 0.5% down.

RWY 28R: MALS. TDZL. PAPI(P4L)—GA 3.0° TCH 71'. RVR-TMR
 Antenna.

RWY 14-32: H8101X150 (CONC-GRVD) S-100, D-225, 2D-410
 PCR 835 R/A/X/T HIRL CL

RWY 14: PAPI(P4L)—GA 3.0° TCH 67'. RVR-TMR Pole. 0.5% down.

RWY 32: MALS. TDZL. PAPI(P4L)—GA 3.0° TCH 72'. RVR-TMR Thld dsplcd 335'. 0.3% up.



CONTINUED ON NEXT PAGE

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RUNWAY DECLARED DISTANCE INFORMATION

RWY 10C:TORA-10775 TODA-10775 ASDA-10173 LDA-9708
RWY 10L:TORA-10502 TODA-10502 ASDA-10502 LDA-10502
RWY 10R:TORA-11500 TODA-11500 ASDA-11492 LDA-11492
RWY 14: TORA-8101 TODA-8101 ASDA-7366 LDA-7366
RWY 28C:TORA-10775 TODA-10775 ASDA-10310 LDA-9708
RWY 28L:TORA-11500 TODA-11500 ASDA-11500 LDA-11500
RWY 28R:TORA-10502 TODA-10502 ASDA-10102 LDA-10102
RWY 32: TORA-8101 TODA-8101 ASDA-7801 LDA-7466

SERVICE: S2 **FUEL** 100LL, JET A **LGT** Rwy 10L ALSF2 and SSALR is a dual mode sys and ctl by twr and remote monitored. **MILITARY— JASU** (ANG) – (A/M32A-86) (AM32-95); (AFRC) – 2(A/M32A-86) (AM32-95) **FUEL** A, A+ (C412-472-6700, 1000-0400Z; After hr, 2 hr PPR and call out fee of \$250 per occurrence for any delivery in excess of 5000 gal; Call C412-906-8772.) A++ Provided by ANG and AFRC.(Mil) (NC-100LL) **FLUID** LPOX LHNT **OIL** O-156 **TRAN ALERT** No priority basis.

AIRPORT REMARKS: Attended continuously. Deer and birds on and in/ov arpt. Twr is authorized to have acft line up and wait on Rwy 28L at Twy P dur hrs of darkness. The specific rwy shall be used only for dep and the int must be visible from twr. Acft using Twy N prohibited to stop on overpass area due to possible emerg evacuation haz. Terminal taxilanes east of concourses A and B rstd to group 3 acft and smaller. Twy G int at Rwy 10L-28R rgt turn not allowed. Twy AA no turn-off onto Twy A for acft wingspan 171' or greater exc PPR 412-472-5630. ASSC in use. Operate transponders with altitude reporting mode and ADS-B (if equipped) enabled on all airport surfaces. Pushback clnc required fr gates A100 and A101 at Cargo A. Ctc GC. Pushback fm these gates enters Twy N. Trml apn uncontrolled. Pushback pilot discretion. Do not exit trml apn at Twy C1, C4, V3, V4, D1, W. Ctc GC when hldg at Twy C2, C3, V1, V2, V5, V6, D2, D3. Ldg fee.

MILITARY REMARKS: **ANG**-Opr 1130-2030Z; Mon-Fri exc hol. (CLOSED every other Mon). Official business only. PPR 48 hr prior notice rqr. Call DSN 294-7374/7428, C412-776-7374/7428. 20 min prior to ETA, ctc STEEL CON. ANG acft must ctc Tanker 303.0/Ftr ops 293.7 before crossing Rwy 28L to obtain clnc to enter. **AFRC**-PPR/offl bus min 48 hr ctc afld mgmt DSN 277-8163, C412-474-8163. Ltd tran svc. Afld mgt nml duty hrs 1300-0100Z; Mon, Wed, Fri, 1300-0500Z; Tue, Thu, exc hol. Unit training assembly 1300-2100Z; Sat. Tran acft must have applv of 9110G/CC for PPR dur off-duty hr. No svc avbl for space avbl pax dur off-duty hr. Call Pitt Comd Post (Iron City) by RDO 15 min prior to arrival. Afld mgmt does not issue or stor COMSEC. COMSEC stor ctc comd post DSN 277-8146. **CTSMS/AG/IMG**-Coord with 171 ARW comd post DSN 312-294-7374 or 911AW Afld Mgmt DSN 312-277-8163. **CAUTION**-BASH Phase II ops in effect 1 Jul-31 Aug annually. Unless MSN requirements direct otherwise, flights should not be sked within +/- 1 hr of SS/SR. Tran aircrew should req bird watch cond fr AFRC (Pitt ops) on 252.1 or ANG ops (Steel ctl) on 311.0. Aircrew will be informed by Steel control or Pitt ops (as applicable) if current BWC is other than low regardless of BASH phase.

AIRPORT MANAGER: (412) 472-3509

WEATHER DATA SOURCES: ASOS (412) 472-0145 TDWR.

COMMUNICATIONS: D-ATIS ARR 127.25 D-ATIS DEP 135.9 UNICOM 122.95

Ⓡ APP CON 124.15 (001°-090°) 123.95 (091°-180°) 133.7 (181°-270°) 121.25 (271°-360°)

TOWER 128.3

CLNC DEL 126.75 PRE-TAXI CLNC 126.75 GND CON 121.9 (South) 127.8 (North)

Ⓡ DEP CON 119.35 (South) 124.75 (North) 125.275

CPDLC (LOGON KUSA)

PDC

AIRSPACE: CLASS B See VFR Terminal Area Chart.

RADIO AIDS TO NAVIGATION: NOTAM FILE PIT.

MONTOUR (L) DME 112.0 MMJ Chan 57 N40°29.28' W80°11.63' 277° 1.8 NM to fld. 1193.

DME unusable:

126°-165° byd 10 NM blo 5,000'

126°-165° byd 15 NM

350°-360° byd 30 NM

ILS 111.7 I-LXB Rwy 10L. Class IIIE.

ILS 108.9 I-GUT Rwy 10R. Class IIIE.

ILS 108.9 I-PFS Rwy 28L. Class IT.

ILS 111.7 I-HFE Rwy 28R. Class IIIE.

ILS/DME 111.3 I-TQW Chan 50 Rwy 32. Class IE.

PITTSBURGH NORTHEAST (9G1) 12 NNE UTC-5(-4DT) N40°36.21' W79°49.57'
1063 NOTAM FILE AOO

DETROIT
L-29C

RWY 17-35: H3550X100 (ASPH)

RWY 17: Trees.

RWY 35: Trees.

AIRPORT REMARKS: Attended Mon-Fri 1300-2200Z±. Unatn'd Federal hols. Arpt CLOSED for night ops. PAEW indef; operation of construction equipment 519' from Rwy 35 thld, construction training site. Tie down ropes not supplied.

AIRPORT MANAGER: 724-504-3717

COMMUNICATIONS: CTAF/UNICOM 122.8

CLEARANCE DELIVERY PHONE: For CD ctc Pittsburgh Apch at 412-472-5591

RADIO AIDS TO NAVIGATION: NOTAM FILE PIT.

MONTOUR (L) DME 112.0 MMJ Chan 57 N40°29.28' W80°11.63' 067° 18.2 NM to fld. 1193.

DME unusable:

126°-165° byd 10 NM blo 5,000'

126°-165° byd 15 NM

350°-360° byd 30 NM

PITTSBURGH/BUTLER RGNL (See BUTLER on page 264)

PITTSFIELD

BROKENSTRAW (P15) 1 E UTC-5(-4DT) N41°49.98' W79°21.64'
1230 B NOTAM FILE AOO

DETROIT

RWY 09-27: 3650X100 (TURF) LIRL 0.3% up W

RWY 09: Thld dsplcd 510'. Pole.

RWY 27: Thld dsplcd 685'. Trees. Rgt tfc.

SERVICE: S2 FUEL 100LL LGT ACTIVATE LIRL Rwy 09-27—122.8. For rotating bcn call 814-563-3166 or 4949.

AIRPORT REMARKS: Attended dalgt hrs. Deer and geese on and invof rwy. Extensive glider ops weekends. Rwy not maintained during winter months. Rwy soft during spring thaw. Rwy 09 520' terrain 2400' south, Rwy 27 370' terrain 3600' east. Rapidly rising terrain south of the arpt. Rwy 09-27 marked with yellow cones and lgts. 42' p-line paralleling rwy approximately 215' south of rwy centerline, p-line marked with orange spheres.

AIRPORT MANAGER: 814-563-3166

COMMUNICATIONS: CTAF 122.9

CLEARANCE DELIVERY PHONE: For CD ctc Buffalo Apch at 716-626-6920, when Apch clsd ctc Cleveland ARTCC at 440-774-0232.

POCONO MOUNTAINS RGNL (See MOUNT POCONO on page 291)

PORT MEADVILLE (See MEADVILLE on page 288)

POTTSTOWN

HERITAGE FLD (PTW)(KPTW) 3 E UTC-5(-4DT) N40°14.37' W75°33.40'

NEW YORK
L-34G, A
IAP

308 B NOTAM FILE PTW

RWY 10-28: H3371X75 (ASPH) MIRL

RWY 10: REIL. PAPI(P2L)—GA 3.0° TCH 45'. Trees.

RWY 28: REIL. PAPI(P2L)—GA 3.0° TCH 45'. Thld dsplcd 190'. Tree. Rgt ttc.

SERVICE: S4 **FUEL** 100LL, JET A **LGT** ACTIVATE rotating bcn—122.7. ACTIVATE MIRL Rwy 10-28—122.7.

AIRPORT REMARKS: Attended Mon-Fri 1200-0100Z‡, Sat-Sun 1200-2300Z‡. Birds and deer on and invof arpt. Lgtd and marked 507' AGL (769' MSL) stack 6000' west of Rwy 10. Ldg fee.

AIRPORT MANAGER: (610) 495-7000

WEATHER DATA SOURCES: ASOS 119.425 (610) 495-0823.

COMMUNICATIONS: CTAF/UNICOM 122.7

Ⓡ **PHILADELPHIA APP/DEP CON** 126.85 (800-354-9884)

CLNC DEL 118.55

CLEARANCE DELIVERY PHONE: For CD ctc Philadelphia Apch at 800-354-9884.

RADIO AIDS TO NAVIGATION: NOTAM FILE PTW.

POTTSTOWN (L) (L) VORTACW 116.5 PTW Chan 112 N40°13.33' W75°33.62' 018° 1.1 NM to fld. 285/9W.

VOR unusable:

071°-104° blo 6,900'

071°-104° byd 30 NM

105°-120° byd 14 NM blo 3,000'

120°-140° blo 3,000'

120°-140° byd 20 NM

141°-159° byd 15 NM blo 6,000'

160°-179°

180°-205° byd 10 NM blo 5,500'

206°-220° byd 10 NM blo 4,500'

241°-269° byd 23 NM blo 5,500'

241°-285° byd 15 NM blo 4,500'

270°-285° byd 18 NM

270°-285° byd 6 NM blo 3,500'

286°-287° byd 28 NM blo 3,000'

288°-320° byd 25 NM

320°-339° byd 17 NM

340°-070° byd 14 NM blo 6,000'

340°-070° byd 36 NM

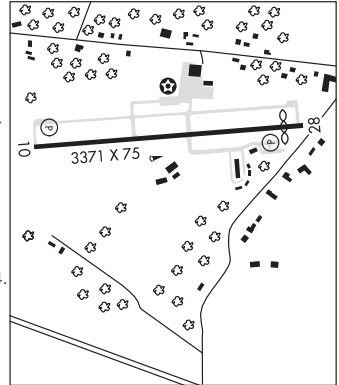
TACAN AZIMUTH unusable:

241°-286° byd 30 NM blo 5,500'

DME unusable:

268°-278° blo 4,000'

LOC 108.3 I-PTW Rwy 28.



POTTSTOWN MUNI (N47) 2 NW UTC-5(-4DT) N40°15.63' W75°40.25'

256 B NOTAM FILE IPT

RWY 08-26: H2704X75 (ASPH) S-12 MIRL 0.4% up SW

RWY 08: REIL. Thld dsplcd 380'. Tree.

RWY 26: REIL. PAPI(P2L)—GA 3.75° TCH 30'. Tree.

SERVICE: S4 FUEL 100LL LGT ACTIVATE MIRL Rwy 08-26, REIL Rwy 08 and Rwy 26—CTAF 122.8.

AIRPORT REMARKS: Unattended. For svc after hrs ctc amgr. Wildlife on and invof arpt.

AIRPORT MANAGER: 267-643-9958

COMMUNICATIONS: CTAF/UNICOM 122.8

Ⓡ PHILADELPHIA APP/DEP CON 126.85

CLNC DEL 118.55

CLEARANCE DELIVERY PHONE: For CD ctc Philadelphia Apch at 800-354-9884.

RADIO AIDS TO NAVIGATION: NOTAM FILE PTW.

(L) (L) VORTACW 116.5 PTW Chan 112 N40°13.33' W75°33.62' 303° 5.6 NM to fld. 285/9W.

VOR unusable:

071°-104° blo 6,900'

071°-104° byd 30 NM

105°-120° byd 14 NM blo 3,000'

120°-140° blo 3,000'

120°-140° byd 20 NM

141°-159° byd 15 NM blo 6,000'

160°-179°

180°-205° byd 10 NM blo 5,500'

206°-220° byd 10 NM blo 4,500'

241°-269° byd 23 NM blo 5,500'

241°-285° byd 15 NM blo 4,500'

270°-285° byd 18 NM

270°-285° byd 6 NM blo 3,500'

286°-287° byd 28 NM blo 3,000'

288°-320° byd 25 NM

320°-339° byd 17 NM

340°-070° byd 14 NM blo 6,000'

340°-070° byd 36 NM

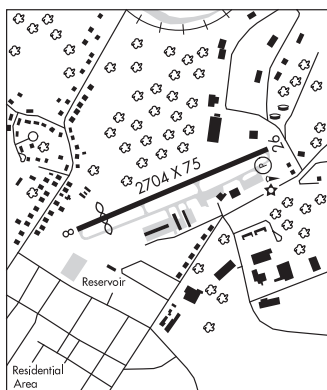
TACAN AZIMUTH unusable:

241°-286° byd 30 NM blo 5,500'

DME unusable:

268°-278° blo 4,000'

NEW YORK
L-30K, 34G, A
IAP



POTTSTOWN N40°13.33' W75°33.62' NOTAM FILE PTW.

(L) (L) VORTACW 116.5 PTW Chan 112 018° 1.1 NM to Heritage Fld. 285/9W.

NEW YORK
H-10I, L-34G

VOR unusable:

071°-104° blo 6,900'

071°-104° byd 30 NM

105°-120° byd 14 NM blo 3,000'

120°-140° blo 3,000'

120°-140° byd 20 NM

141°-159° byd 15 NM blo 6,000'

160°-179°

180°-205° byd 10 NM blo 5,500'

206°-220° byd 10 NM blo 4,500'

241°-269° byd 23 NM blo 5,500'

241°-285° byd 15 NM blo 4,500'

270°-285° byd 18 NM

270°-285° byd 6 NM blo 3,500'

286°-287° byd 28 NM blo 3,000'

288°-320° byd 25 NM

320°-339° byd 17 NM

340°-070° byd 14 NM blo 6,000'

340°-070° byd 36 NM

TACAN AZIMUTH unusable:

241°-286° byd 30 NM blo 5,500'

DME unusable:

268°-278° blo 4,000'

POTTSVILLE

SCHUYLKILL CO/JOE ZERBEY (ZER)(KZER) 8 W UTC-5(-4DT) N40°42.41' W76°22.43'

NEW YORK
H-10H, 12J, L-30J
IAP

1730 B NOTAM FILE IPT

RWY 11-29: H5101X75 (ASPH) S-21 MIRL 0.5% up W

RWY 11: REIL. PAPI(P2L)—GA 3.0° TCH 40'. Trees.

RWY 29: REIL. PAPI(P2L)—GA 3.0° TCH 45'. Trees.

RWY 04-22: 2523X140 (TURF) 0.4% up NE

RWY 22: Thld dspcd 200'. Trees.

SERVICE: S2 **FUEL** 100LL, JET A **LGT** ACTIVATE REIL Rwy 11 and 29; MIRL Rwy 11-29—CTAF. PAPI Rwy 11 and 29 on continuously.

AIRPORT REMARKS: Attended Mon-Fri 1230-2200Z±, Sat-Sun on call. For svc after hrs 570-617-6002. AVGAS self serve with credit card. JET A self serve with credit card. GPU avbl for AC/DC power. Deer on and invof arpt. Rwy 04-22 not maintained winter months. Rwy 04-22 edge and dspcd thld marked with orange cones.

AIRPORT MANAGER: (570) 617-6002

WEATHER DATA SOURCES: AWOS-3 127.575 (570) 544-2778.

COMMUNICATIONS: CTAF/UNICOM 123.075

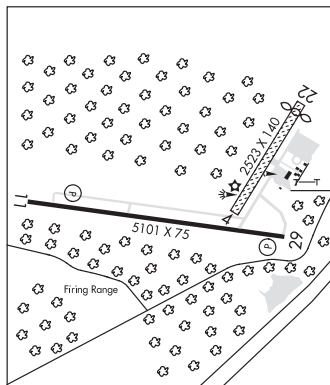
Ⓡ **HARRISBURG APP/DEP CON** 118.25

CLEARANCE DELIVERY PHONE: For CD ctc Harrisburg Apch at 800-932-0712.

RADIO AIDS TO NAVIGATION: NOTAM FILE IPT.

RAVINE (L) (L) VORTACW 114.6 RAV Chan 93 N40°33.20'

W76°35.96' 059° 13.8 NM to fld. 1750/11W.



PUNXSUTAWNEY MUNI (N35) 3 NE UTC-5(-4DT) N40°58.01' W78°55.79'

DETROIT
L-30J
IAP

1445 B NOTAM FILE AOO

RWY 06-24: H3003X50 (ASPH) S-12.5 MIRL 0.9% up NE

RWY 06: REIL. PAPI(P2L)—GA 4.0° TCH 45'. Trees.

RWY 24: REIL. PAPI(P2L)—GA 4.0° TCH 40'. Road.

RWY 01-19: 2200X100 (TURF) MIRL 0.4% up N

RWY 01: REIL. Trees.

RWY 19: REIL. Road.

SERVICE: **FUEL** 100LL **LGT** ACTVT REIL Rwy 01 and 19, Rwy 06 and 24; PAPI Rwy 06 and 24; MIRL Rwy 01-19 and Rwy 06-24—CTAF. Rwy 24 REIL is on a day sensor, oper durg hrs of darkness only.

AIRPORT REMARKS: Unattended. For svc after hrs ctc 814-590-1137. Fuel self-serve with credit card. Birds, deer and woodchuck on and invof arpt. Rwy 01-19 clsd Dec-Apr. Rwy 19 22' road 146' from rwy end across centerline. 56' stack east of Rwy 01. Rwy 01-19 NSTD markings, rwy marked with orange cones. Turf soft and wet during spring thaw.

AIRPORT MANAGER: (814) 590-1137

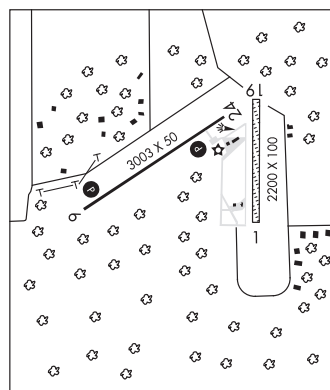
COMMUNICATIONS: CTAF/UNICOM 123.0

Ⓡ **CLEVELAND CENTER APP/DEP CON** 126.725 or ctc Cleveland ARTCC at 440-774-0234.

CLEARANCE DELIVERY PHONE: For CD ctc Cleveland ARTCC at 440-774-0234.

RADIO AIDS TO NAVIGATION: NOTAM FILE AOO.

CLARION (L) DME 112.9 CIP Chan 76 N41°08.78' W79°27.48' 114° 26.3 NM to fld. 1520.



QUAKERTOWN (UKT)(KUKT) 2 W UTC-5(-4DT) N40°26.11' W75°22.92'

**NEW YORK
L-33A, 34G
IAP**

525 B NOTAM FILE UKT
RWY 11-29: H3210X75 (ASPH) S-12 MIRL 0.6% up W
RWY 11: REIL. PAPI(P2L)—GA 4.0° TCH 44'. Trees.
RWY 29: REIL. PAPI(P2L)—GA 4.0° TCH 48'. Thld dspclcd 190'. Tree.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 11: TORA-3210 TODA-3210
RWY 29: TORA-3210 TODA-3210

SERVICE: S4 FUEL 100LL LGT ACTIVATE MIRL Rwy 11-29 and REIL Rwy 11 and Rwy 29—CTAF.

AIRPORT REMARKS: Attended 1330-2200Z†. 100LL avbl 24 hrs self-serve credit card. Deer on and invof arpt. Acft with wingspan greater than 54.5' must coordinate with arpt manager.

AIRPORT MANAGER: 215-720-9715

WEATHER DATA SOURCES: AWOS-3 119.475 (215) 538-7610.

COMMUNICATIONS: CTAF/UNICOM 122.725

Ⓡ PHILADELPHIA APP/DEP CON 123.8

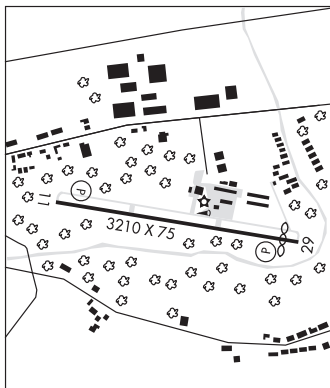
CLNC DEL 118.55

CLEARANCE DELIVERY PHONE: For CD ctc Philadelphia Apch at 800-354-9884.

RADIO AIDS TO NAVIGATION: NOTAM FILE IPT.

EAST TEXAS (L) (L) VOR/DME 110.2 ETX Chan 39 N40°34.86' W75°41.04' 131° 16.4 NM to fld. 741/9W.

VOR unusable:
255°-265°



RAVINE N40°33.20' W76°35.96' NOTAM FILE IPT.

**NEW YORK
H-10H, L-30J**

(L) (L) VORTACW 114.6 RAV Chan 93 059° 13.8 NM to Schuylkill Co/Joe Zerby. 1750/11W.

READING RGNL/CARL A SPAATZ FLD (RDG)(KRDG) 3 NW UTC-5(-4DT) N40°22.71'

**NEW YORK
H-10I, 12I, L-30K, 34G, A
IAP, AD**

W75°57.91'
343 B Class IV, ARFF Index A NOTAM FILE RDG

RWY 13-31: H6350X150 (ASPH-GRVD) S-75, D-200, 2S-175, 2D-400 PCN 60 F/C/X/U HIRL

RWY 13: REIL. PAPI(P4L)—GA 3.0° TCH 45'. Trees.

RWY 31: REIL.

RWY 18-36: H5151X150 (ASPH-GRVD) S-75, D-200, 2S-175, 2D-400 PCN 60 F/C/X/U HIRL 1.0% up S

RWY 18: PAPI(P4L)—GA 3.0° TCH 56'. Trees.

RWY 36: MALSF. RVR-T Trees.

LAND AND HOLD-SHORT OPERATIONS

LDG RWY	HOLD-SHORT POINT	AVBL LDG DIST
RWY 13	18-36	5200
RWY 18	13-31	3050

RUNWAY DECLARED DISTANCE INFORMATION

RWY 13: TORA-6350 TODA-6350 ASDA-6350 LDA-6350
RWY 18: TORA-5151 TODA-5151 ASDA-5151 LDA-5151
RWY 31: TORA-6350 TODA-6350 ASDA-6350 LDA-6350
RWY 36: TORA-5151 TODA-5151 ASDA-5151 LDA-5151

ARRESTING GEAR/SYSTEM

RWY 13: EMAS

SERVICE: S4 FUEL 100LL, JET A OX 1, 2, 3, 4 LGT When ATCT clsd actvt MALSF Rwy 36; REIL Rwy 13, 31; PAPI Rwy 13 and 18; HIRL Rwy 13-31 and 18-36; twy lghts—CTAF. Rwy 13 PAPI unusbl byd 3 degs left of cntrn.

AIRPORT REMARKS: Attended 1100-0400Z†. Birds on & invof arpt. PPR 24 hrs for acft opns with more than 30 pax seats. Call AMGR 610-372-4666. Ldg fee for turbine acft.

AIRPORT MANAGER: 610-372-4666

WEATHER DATA SOURCES: ASOS 127.1 (610) 372-9863.

COMMUNICATIONS: CTAF 119.9 ATIS 127.1 UNICOM 122.95

Ⓡ READING APP/DEP CON 125.15 (1100-0500Z)†

Ⓡ HARRISBURG APP/DEP CON 124.1 (0500-1100Z)†

TOWER 119.9 (1100-0500Z)† GND CON 121.9

CLEARANCE DELIVERY PHONE: For CD when ATCT clsd, ctc Harrisburg Apch at 800-932-0712.

AIRSPACE: CLASS D svc 1100-0500Z†; other times CLASS E.



CONTINUED ON NEXT PAGE

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RADIO AIDS TO NAVIGATION: NOTAM FILE IPT.

EAST TEXAS (L) (L) VORW/DME 110.2 ETX Chan 39 N40°34.86' W75°41.04' 236° 17.7 NM to fld. 741/9W.

VOR unusable:
255°-265°

ILS/DME 110.55 I-VXO Chan 42(Y) Rwy 13. Class IA. DME unusable byd 19° right of course; byd 8° left of course byd 18 NM. Glideslope unusable byd 004° left of course.

ILS 109.5 I-RDG Rwy 36. Class IB. Unmonitored when ATCT closed.

REEDSVILLE

MIFFLIN CO (RVL)(KRVL) 5 NW UTC-5(-4DT) N40°40.64' W77°37.61'
819 B NOTAM FILE IPT

DETROIT
H-10H, 12J, L-30J
IAP

RWY 06-24: H5001X75 (ASPH) S-60 MIRL

RWY 06: REIL. PAPI(P2L)—GA 4.0° TCH 48'. Trees.

RWY 24: REIL. PAPI(P4L)—GA 3.0° TCH 42'.

SERVICE: S4 **FUEL** 100LL, JET A **LGT** ACTVT REIL Rwy 06 and Rwy 24; PAPI Rwy 06 and Rwy 24; MIRL Rwy 06-24—CTAF.

AIRPORT REMARKS: Attended May 1-Oct 31 Mon-Fri 1300-2200Z†, Nov 1-Apr 30 Mon-Fri 1300-2100Z†, Sat 1300-1700Z†. 100LL self-svc 24 hrs. Jet-A fuel by appointment only after hrs. Call 717-994-0323 during attended hrs to make appointment. Phone numbers posted on the office door for after hr calls. Glider activity during summer months. Helicopters land on apron.

AIRPORT MANAGER: 717-667-6829

WEATHER DATA SOURCES: AWOS-3PT 123.85 (717) 667-3993.

COMMUNICATIONS: CTAF/UNICOM 122.7

Ⓡ **NEW YORK CENTER APP/DEP CON** 134.8

CLEARANCE DELIVERY PHONE: For CD etc New York ARTCC at 631-468-1425.

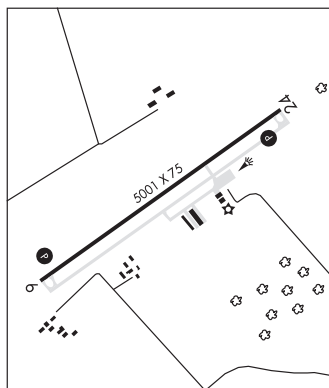
RADIO AIDS TO NAVIGATION: NOTAM FILE AOO.

PHILIPSBURG (VH) (H) VORTAC 115.5 PSB Chan 102 N40°54.98' W77°59.56' 141° 22.0 NM to fld. 2443/10W.

VOR unusable:

- 005°-010° byd 40 NM
- 035°-060° byd 40 NM
- 095°-104° byd 40 NM
- 105°-115° byd 40 NM blo 18,000'
- 116°-145° byd 40 NM
- 146°-156° byd 40 NM blo 5,000'
- 146°-156° byd 70 NM
- 157°-171° byd 40 NM
- 172°-189° byd 40 NM blo 10,000'
- 172°-189° byd 78 NM
- 200°-205° byd 40 NM
- 320°-325° byd 40 NM

LOC 109.3 I-RVL Rwy 06. LOC unmonitored. LOC unusable byd 20° either side of course; byd 16 NM blo 4,000'.



REIGLE FLD (See PALMYRA on page 293)

REVLOC N40°32.79' W78°44.82' NOTAM FILE AOO.
(L) DME 110.6 REC Chan 43 194° 5.3 NM to Ebensburg. 2340.

DETROIT
L-29D

RIDGE SOARING (See UNIONVILLE on page 313)

ROCK SPRINGS FLF N40°47.40' W77°51.60' 1230
ASOS (814) 237-5778

DETROIT

ROCKY HILL (See CRESCO on page 269)

ROSTRAVER (See MONONGAHELA on page 289)

ST MARYS MUNI (OYM)(KOYM) 3 SE UTC-5(-4DT) N41°24.75' W78°30.16'

1934 B NOTAM FILE AOO

RWY 10-28: H4300X75 (ASPH-GRVD) S-33 MIRL 0.7% up E**RWY 10:** PAPI(P4L)—GA 3.0° TCH 41'. Trees.**RWY 28:** MALS. PAPI(P4L)—GA 3.0° TCH 39'. Trees.**SERVICE:** S4 **FUEL** 100LL, **JET A** **LGT** ACTVT MALS Rwy 28; PAPI Rwys 10 and 28; MIRL Rwy 10-28—CTAF. PAPI Rwy 10 unusbl byd 5° right of cntrn. Rwy 28 PAPI unusbl byd 8° right of cntrn.**AIRPORT REMARKS:** Attended Mon-Fri 1300-2200Z. Cold temperature airport. Altitude correction required at or below -36C.**AIRPORT MANAGER:** 814-834-4671**WEATHER DATA SOURCES:** AWOS-3P 118.05 (814) 834-9416.**COMMUNICATIONS:** CTAF/UNICOM 122.7

RCO 122.4 (ALTOONA RADIO)

Ⓡ CLEVELAND CENTER APP/DEP CON 126.725

CLNC DEL 122.4 (ALTOONA RADIO)

CLEARANCE DELIVERY PHONE: For CD ctc Cleveland ARTCC at 440-774-0234.**RADIO AIDS TO NAVIGATION:** NOTAM FILE AOO.**SLATE RUN (H) (H) VORTACW** 113.9 SLT Chan 86 N41°30.77'

W77°58.21' 264° 24.8 NM to fld. 2310/8W.

KEATING (H) (H) VORTACW 116.0 ETG Chan 107 N41°12.90'

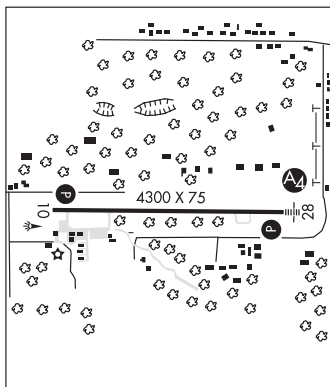
W78°08.57' 316° 20.1 NM to fld. 2250/10W.

LOC/DME 108.9 I-OYM Chan 26 Rwy 28. Unmonitored indef.

DETROIT

L-301

IAP

**ST THOMAS** N39°55.99' W77°57.06' NOTAM FILE AOO.

(L) TACAN 115.0 THS Chan 97 087° 14.4 NM to Franklin Co Rgnl. 2338/7W.

WASHINGTON

H-10H, L-29D, A

SAYRE N41°56.25' W76°37.87'

RCO 122.3 (BUFFALO RADIO)

NEW YORK

L-30J

SCHUYLKILL CO/JOE ZERBEY (See POTTSVILLE on page 303)**SEAMANS FLD** (See FACTORYVILLE on page 274)**SELINGROVE****PENN VALLEY** (SEG)(KSEG) 1 N UTC-5(-4DT) N40°49.27' W76°51.85'

464 B NOTAM FILE SEG

RWY 17-35: H4760X75 (ASPH) S-27, D-27 MIRL 0.5% up N**RWY 17:** REIL. Thld dspld 388'. Tree.**RWY 35:** REIL. PAPI(P4L)—GA 3.5° TCH 45'. Thld dspld 250'. Trees.**SERVICE:** S2 **FUEL** 100LL, **JET A** **LGT** ACTVT REIL Rwy 17 and Rwy 35; PAPI Rwy 35; MIRL Rwy 17-35—CTAF.**AIRPORT REMARKS:** Attended Mon-Fri 1300-2300Z, Sat-Sun 1300-2100Z. Rising terrain both sides of apch to Rwy 17. Deer and birds on and in vicinity of arpt. Ramp fee for twin eng and lgr act unless fuel purchased. Cold temperature airport. Altitude correction required at or below -15C.**AIRPORT MANAGER:** 570-809-4701**WEATHER DATA SOURCES:** ASOS 123.975 (570) 374-4099.**COMMUNICATIONS:** CTAF/UNICOM 122.7

Ⓡ HARRISBURG APP/DEP CON 118.25

CLEARANCE DELIVERY PHONE: For CD ctc Harrisburg Apch at 800-932-0712.**RADIO AIDS TO NAVIGATION:** NOTAM FILE SEG.**SELINGROVE (L) (L) VORW/DME** 110.4 SEG Chan 41 N40°47.45'

W76°53.04' 034° 2.0 NM to fld. 610/8W.

VOR unusable:

098°-150° byd 20 NM blo 5,000'

106°-116° byd 20 NM blo 10,000'

151°-185° byd 19 NM

250°-285° byd 10 NM blo 14,000'

295°-300° byd 25 NM blo 4,500'

DME unusable:

098°-150° byd 20 NM blo 5,000'

151°-185° byd 19 NM

255°-265° blo 7,000'

295°-300° byd 25 NM blo 4,500'

NEW YORK

L-30J

IAP



SELINGSGROVE N40°47.45' W76°53.04' NOTAM FILE SEG.
(L) (L) VOR/DME 110.4 SEG Chan 41 034° 2.0 NM to Penn Valley. 610/8W.

NEW YORK
H-10H, 12I, L-30J

VOR unusable:
 098°-150° byd 20 NM blo 5,000'
 106°-116° byd 20 NM blo 10,000'
 151°-185° byd 19 NM
 250°-285° byd 10 NM blo 14,000'
 295°-300° byd 25 NM blo 4,500'
 DME unusable:
 098°-150° byd 20 NM blo 5,000'
 151°-185° byd 19 NM
 255°-265° blo 7,000'
 295°-300° byd 25 NM blo 4,500'

SHAMOKIN

NORTHUMBERLAND CO (N79) 3 N UTC-5(-4DT) N40°50.22' W76°33.15'
 881 B NOTAM FILE IPT

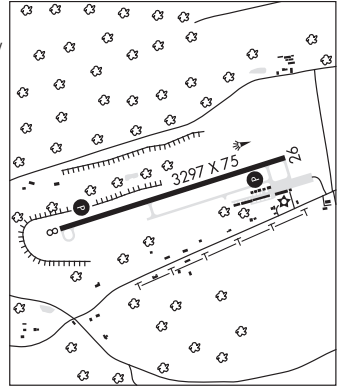
NEW YORK
L-30J
IAIP

RWY 08-26: H3297X75 (ASPH) S-12.5 MIRL 0.8% up E
RWY 08: REIL. PAPI(P2L)—GA 3.0° TCH 40'. Trees.
RWY 26: REIL. PAPI(P2L)—GA 3.0° TCH 40'.
SERVICE: S4 FUEL 100LL, JET A LGT ACTIVATE PAPI Rwy 08 and Rwy 26, MIRL Rwy 08-26—121.8
AIRPORT REMARKS: Attended on Mon-Fri 1300-1900Z±, Sat-Sun on call.
AIRPORT MANAGER: 570-898-8588
WEATHER DATA SOURCES: AWOS-3 119.175 (570) 672-0389.
COMMUNICATIONS: CTAF/UNICOM 122.8
(R) HARRISBURG APP/DEP CON 118.25

CLEARANCE DELIVERY PHONE: For CD etc Harrisburg Apch at 800-932-0712.
RADIO AIDS TO NAVIGATION: NOTAM FILE SEG.

SELINGSGROVE (L) (L) VOR/DME 110.4 SEG Chan 41 N40°47.45'
 W76°53.04' 088° 15.4 NM to fld. 610/8W.

VOR unusable:
 098°-150° byd 20 NM blo 5,000'
 106°-116° byd 20 NM blo 10,000'
 151°-185° byd 19 NM
 250°-285° byd 10 NM blo 14,000'
 295°-300° byd 25 NM blo 4,500'
 DME unusable:
 098°-150° byd 20 NM blo 5,000'
 151°-185° byd 19 NM
 255°-265° blo 7,000'
 295°-300° byd 25 NM blo 4,500'



SHOESTRING AVIATION AIRFIELD (See STEWARTSTOWN on page 309)

SKYHAVEN (See TUNKHANNOCK on page 312)

SLATE RUN N41°30.77' W77°58.21' NOTAM FILE AOO.
(H) (H) VORTACW 113.9 SLT Chan 86 264° 24.8 NM to St Marys Muni. 2310/8W.

DETROIT
H-10H, L-30I

SLATINGTON (69N) 1 N UTC-5(-4DT) N40°45.82' W75°36.29'
 380 B NOTAM FILE IPT

NEW YORK

RWY 01-19: H2455X50 (ASPH) RWY LGTS(NSTD)
RWY 01: Thld dsplcd 352'. Trees.
RWY 19: Brush.
SERVICE: S4 FUEL 100LL LGT Actvt LIRL Rwy 01-19 and rotating bcn—CTAF. Rwy 01-19 Non standard LIRL located 10' outboard fm rwy edges. Rwy 19 end lgts located outboard from rwy edges.
AIRPORT REMARKS: Attended Mon-Sat dalgt hrs. For svc after hours call 610-799-3302. +977' hill 7700' from Rwy 19 thld. Rwy 01-19 clsd to tsnt acft SS-SR.
AIRPORT MANAGER: 610-767-5881
COMMUNICATIONS: CTAF/UNICOM 122.8
CLEARANCE DELIVERY PHONE: For CD ctc Allentown Apch at 800-728-6322.

SMOKETOWN (S37) 0 N UTC-5(-4DT) N40°02.50' W76°12.11'

NEW YORK

370 B NOTAM FILE IPT

RWY 10-28: H2750X50 (ASPH) S-12.5, D-12.5 LIRL 1.3% up W

RWY 10: Thld dsplcd 517'. Road.

RWY 28: Thld dsplcd 110'.

SERVICE: S4 FUEL 100LL, UL94

AIRPORT REMARKS: Attended Mon-Sat 1300-2200Z†, Sun 1800-2200Z†. Rwy 28 preferred rwy for ldg in lgt wind conditions.

AIRPORT MANAGER: 717-394-6476

COMMUNICATIONS: CTAF/UNICOM 123.05

CLEARANCE DELIVERY PHONE: For CD ctc Harrisburg Apch at 800-932-0712.

SOMERSET CO (2G9) 3 NE UTC-5(-4DT) N40°02.31' W79°00.92'

DETROIT

2275 B NOTAM FILE AOO

H-10H, 12I, L-29D

RWY 07-25: H5002X75 (ASPH) S-18 MIRL 1.5% up W

IAP

RWY 07: REIL. PAPI(P2L)—GA 3.0° TCH 56'.

RWY 25: REIL. PVASI(PSIL)—GA 3.0° TCH 29'. Pole.

RWY 14-32: 2729X150 (TURF) 1.0% up SE

RWY 14: Thld dsplcd 335'. Road.

RWY 32: Trees.

SERVICE: FUEL 100LL, JET A, A+ LGT MIRL Rwy 07-25 and twy lghts on dusk-0500Z†; ACTVT REIL Rwy 07-25, PAPI Rwy 07; PVASI Rwy 25—CTAF.

AIRPORT REMARKS: Attended 1300-2100Z†. Unatndd New Years Day, Easter, Thanksgiving, day aft Thanksgiving, Christmas Day and all federal hols. 24 hr self-service fueling avbl. Single-point refueling avbl on request. Rwy 14-32 unusable during spring thaw, wet periods and snow; check NOTAMS. Rwy 14-32 617 ft by 60 ft asph at intersection with Rwy 07-25 and parallel twy. Rwy 14 and Rwy 32 marked with yellow cones. Rwy 14 335 ft dthr mkd with yellow cones.

AIRPORT MANAGER: 814-445-1599

WEATHER DATA SOURCES: AWOS-3P 133.8 (814) 443-2114.

COMMUNICATIONS: CTAF/UNICOM 122.8

Ⓡ **JOHNSTOWN APP/DEP CON** 121.2 (1200-0400Z† or ctc 814-532-5960), other times ctc

Ⓡ **CLEVELAND CENTER APP/DEP CON** 124.4 (0400-1200Z†) or ctc Cleveland ARTCC at 440-774-0234.

CLEARANCE DELIVERY PHONE: For CD ctc Johnstown Apch at 814-532-5960, when Apch clsd ctc Cleveland ARTCC at 440-774-0213.

RADIO AIDS TO NAVIGATION: NOTAM FILE AOO.

INDIAN HEAD (L) TACAN Chan 19 IHD (108.2) N39°58.45' W79°21.50' 082° 16.3 NM to fld. 2820/6W.

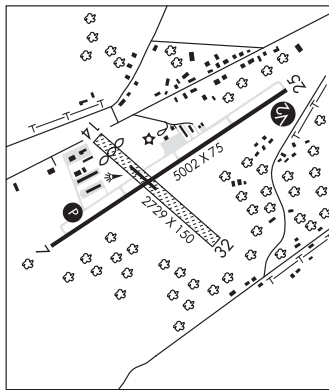
TACAN AZIMUTH OTS indef

STOYSTOWN NDB (MHW) 209 SYS N40°05.14' W78°54.99' 248° 5.4 NM to fld. 2130/10W.

NDB unusable:

090°-150° byd 20 NM

LOC 108.7 I-SOZ Rwy 25. LOC unusable byd 18° left and right of course.



STATE COLLEGE RGNL (UNV)(KUNV) 3 N UTC-5(-4DT) N40°51.00' W77°50.86'
 1231 B TPA—See Remarks Class I, ARFF Index B NOTAM FILE UNV
RWY 06-24: H6701X150 (ASPH-GRVD) S-50, D-110

DETROIT
H-10H, 12J, L-30I
IAP, AD

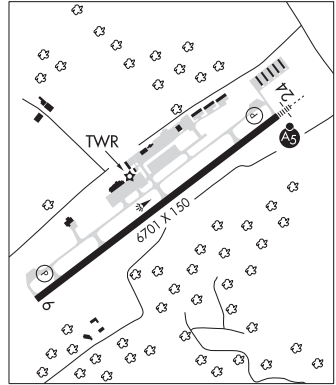
PCN 44 F/B/X/U HIRL 0.6% up SW
RWY 06: REIL. PAPI(P4L)—GA 3.0° TCH 45'. RVR-R Rgt tfc.
RWY 24: MALSR. PAPI(P4R)—GA 3.0° TCH 55'. RVR-T Trees.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 06: TORA-6701 TODA-6701 ASDA-6701 LDA-6701
RWY 24: TORA-6701 TODA-6701 ASDA-6701 LDA-6701

SERVICE: S3 FUEL 100LL, JET A OX4 LGT When ATCT clsd ACTVT
 MALSR Rwy 24; REIL Rwy 06; HIRL Rwy 06-24 and twy lgts—CTAF.

AIRPORT REMARKS: Attended continuously. Glider act drg dalgt hrs. All alt within 10 NM all drctns, spcly along ridge 2 NM W and N of arprt. Student training 2.5 NM NE at Bellefonte Arprt. Acft on either end Rwy 06-24 cannot be seen on other end due to rwy grade. Rwy 06-24 grnd portion of rwy center 80'. PPR 24 hrs for unsked ACR ops with more than 9 pax seats btn 0400-0900Z± call AMGR. TPA 2192(961) single engine acft, 2692(1461) multi engine acft. Deicing equip avbl on aprn adj to Twy B btn Twys D and B3. 35' AGL lgt poles on the north edge of de-ice apron. Air cgo aprn rstd to acft less than 12500 lbs. Spl event fee for snl eng, multi eng acft and helicopters on university home football games wkends. Lndg fee for snl eng, multi eng acft and helicopters.



AIRPORT MANAGER: 814-865-4042

WEATHER DATA SOURCES: AWOS-3 127.65 (814) 865-8799. SAWRS.

COMMUNICATIONS: CTAF 128.475 D-ATIS 127.65 UNICOM 122.95

NEW YORK CENTER APP/DEP CON 134.8 (when twr clsd)

TOWER 128.475 (1100-0300Z±) **GND CON** 125.725 **CLNC DEL** 125.725 118.55 (when twr clsd)

AIRSPACE: CLASS D svc 1100-0300Z±; other times CLASS E.

RADIO AIDS TO NAVIGATION: NOTAM FILE AOO.

PHILIPSBURG (VH) (H) VORTAC 115.5 PSB Chan 102 N40°54.98' W77°59.56' 131° 7.7 NM to fld. 2443/10W.
 VOR unusable:

- 005°-010° byd 40 NM
- 035°-060° byd 40 NM
- 095°-104° byd 40 NM
- 105°-115° byd 40 NM blo 18,000'
- 116°-145° byd 40 NM
- 146°-156° byd 40 NM blo 5,000'
- 146°-156° byd 70 NM
- 157°-171° byd 40 NM
- 172°-189° byd 40 NM blo 10,000'
- 172°-189° byd 78 NM
- 200°-205° byd 40 NM
- 320°-325° byd 40 NM

ILS/DME 111.7 I-UNV Chan 54 Rwy 24. Class IA.

STEWARTSTOWN

SHOESTRING AVIATION AIRFIELD (ØP2) 3 NW UTC-5(-4DT) N39°47.78' W76°38.78'

WASHINGTON

1000 NOTAM FILE IPT

RWY 06U-24U: 1000X100 (TURF)

RWY 06U: Tree.

RWY 24U: Rgt tfc.

RWY 15-33: 1000X100 (TURF)

RWY 15: Rgt tfc.

RWY 33: Thld dsplcd 500'. Tree.

SERVICE: S4

AIRPORT REMARKS: Attended irregularly. Extensive ultralgt activity on and invof arprt. Rwy 15-33 and Rwy 06-24 used for ultralight ops. Major airframe and powerplant repair for light sport acft only. Rwy 06U-24U & Rwy 15-33 mkd with orange patio blocks. Dsplcd thlds marked with three white paver each side. Rwy 24U dsplcd 183 ft.

AIRPORT MANAGER: 717-235-6724

COMMUNICATIONS: CTAF 122.9

CLEARANCE DELIVERY PHONE: For CD ctc Potomac Apch at 866-429-5882.

STONYFORK N41°41.72' W77°25.19' NOTAM FILE IPT.

DETROIT

(L) (L) VOR/DME 108.6 SFK Chan 23 037° 2.3 NM to Grand Canyon Rgnl. 1985/8W.

H-10H, L-30J

STOYSTOWN N40°05.14' W78°54.99' NOTAM FILE AOO.
NDB (MHW) 209 SYS 248° 5.4 NM to Somerset Co. 2130/10W.
 NDB unusable:
 090°–150° byd 20 NM

DETROIT
L-28D

SUNBURY

SUNBURY (71N) 2 NE UTC-5(-4DT) N40°53.51' W76°46.73'
 450 NOTAM FILE IPT

NEW YORK

RWY 05-23: 3250X250 (TURF)

RWY 05: Thld dsplcd 1050'. Trees.

RWY 23: Trees.

SERVICE: S2

AIRPORT REMARKS: Attended irregularly. Glider ops on and invof arpt. Mountain 560' AGL .5 miles east AER 23. Tree lines border north and south sides of the rwy and penetrate transitional sfc. Ground hog holes SE edge of rwy. Rwy 05-23 outlined with white buckets. Rwy 05 dsplcd thld mkd with white panels.

AIRPORT MANAGER: (570) 847-5865

COMMUNICATIONS: CTAF 122.9

CLEARANCE DELIVERY PHONE: For CD ctc Harrisburg Apch at 800-932-0712.

SUNBURY SPB (H11) 3 NE UTC-5(-4DT) N40°54.79' W76°43.98'

NEW YORK

430 NOTAM FILE IPT

WATERWAY 07W-25W: 5000X250 (WATER)

WATERWAY 25W: Rgt tfc.

SERVICE: S2

SEAPLANE REMARKS: Attended Jun-Aug irregularly dalgt hrs. PPR 48 hrs prior to arrival due to changing conditions and attendance, 570-850-2671 or 570-743-3229. Extreme caution maintained to insure mutual safety of boaters and fit ops, coordination be made with Sunbury Arpt on CTAF 122.9 to assure adequate separation of ops, and largest class of acft recommended is single engine. Rwy 07W-25W 850' MSL ridge line parallel to rwy south side.

AIRPORT MANAGER: 570-743-3229

COMMUNICATIONS: CTAF 122.9

CLEARANCE DELIVERY PHONE: For CD ctc Harrisburg Apch at 800-932-0712.

THERMAL-G (See ERIE on page 274)

TIDIOUTE N41°42.78' W79°25.04' NOTAM FILE AOO.

DETROIT

(L) **DME** 117.6 TDT Chan 123 247° 15.9 NM to Titusville. 1710.

L-30H

DME unusable:

041°-051° byd 30 NM blo 4,000'

305°-340° byd 24 NM blo 3,500'

340°-005° byd 24 NM blo 5,000'

TITUSVILLE (6G1) 3 W UTC-5(-4DT) N41°36.53' W79°44.48'
 1600 B NOTAM FILE AOO
RWY 01-19: H4902X75 (ASPH) S-12.5 MIRL 1.4% up N

DETROIT
 L-30H
 IAP

RWY 01: Trees.

RWY 19: Pole.

SERVICE: S2 **FUEL** 100LL, JET A **LGT** Arpt beacon SS-SR. ACTIVATE MIRL Rwy 01-19 on CTAF.

AIRPORT REMARKS: Unatndd. Birds and deer on and invof arpt. Radio controlled acft invof arpt. Fuel avbl 24/7 with credit card. Gyro ops invof arpt last Sat every month. Parallel twy and north jug handle twy marked with blue reflectors.

AIRPORT MANAGER: 814-827-5300

COMMUNICATIONS: CTAF 122.9

Ⓡ **YOUNGSTOWN APP/DEP CON** 133.95 (1100-0500Z‡)

Ⓡ **CLEVELAND CENTER APP/DEP CON** 127.075 (0500-1100Z‡)

CLEARANCE DELIVERY PHONE: For CD ctc Cleveland ARTCC at 440-774-0232.

RADIO AIDS TO NAVIGATION: NOTAM FILE AOO.

TIDIOUTE (L) DME 117.6 TDT Chan 123 N41°42.78'
 W79°25.04' 247° 15.9 NM to fld. 1710.

DME unusable:

041°-051° byd 30 NM blo 4,000'

305°-340° byd 24 NM blo 3,500'

340°-005° byd 24 NM blo 5,000'

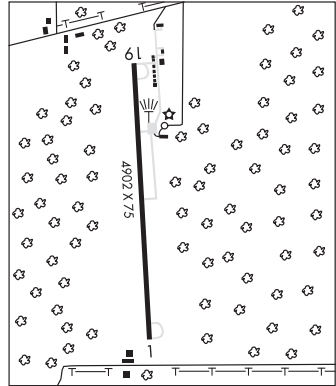
FRANKLIN (L) VOR 109.6 FKL N41°26.31' W79°51.40' 033° 11.5 NM to fld. 1528/6W. NOTAM FILE FKL.

VOR unusable:

140°-207° byd 20 NM blo 9,000'

248°-291° blo 4,000'

355°-005° blo 4,000'



TOTAL RF HELIPORT (See BENSALAM on page 262)

TOUGHKENAMON

NEW GARDEN (N57) 1 W UTC-5(-4DT) N39°49.83' W75°46.19'
 435 B NOTAM FILE IPT
RWY 06-24: H3693X60 (ASPH) MIRL

WASHINGTON
 L-34G, A
 IAP

RWY 06: Tree.

RWY 24: Tree.

SERVICE: S4 **FUEL** 100LL **LGT** ACTVT MIRL Rwy 06-24—CTAF.

NOISE: Rwy 06 noise abatement climb to 1200 ft MSL before turning crosswind.

AIRPORT REMARKS: Attended 1300-2200Z‡. For assistance after hrs ctc 610-476-1702. Deer and other wildlife on and invof arpt. Glider ops weekends. Turf sfc south of rwy for glider recovery only. Overnight parking \$10.

AIRPORT MANAGER: 610-268-2619

COMMUNICATIONS: CTAF/UNICOM 123.05

Ⓡ **PHILADELPHIA APP/DEP CON** 124.35

CLNC DEL 125.6

CLEARANCE DELIVERY PHONE: For CD ctc Philadelphia Apmh at 800-354-9884.

RADIO AIDS TO NAVIGATION: NOTAM FILE IPT.

MODENA (L) (L) VORTACW 113.2 MXE Chan 79 N39°55.08'
 W75°40.25' 230° 7.0 NM to fld. 473/9W.

VOR unusable:

036°-046°

047°-057° byd 10 NM

058°-085°

170°-248° byd 27 NM blo 7,500'

170°-248° byd 30 NM blo 9,500'

170°-248° byd 8 NM blo 6,000'

268°-278° byd 28 NM

278°-290° blo 10,000'

290°-326°



TOWANDA

BRADFORD CO (N27) 2 S UTC-5(-4DT) N41°44.40' W76°26.83'

730 B NOTAM FILE IPT

RWY 05-23: H4301X75 (ASPH) S-12 MIRL 0.4% up SW

RWY 05: REIL. PAPI(P2L)—GA 3.0° TCH 37'.

RWY 23: REIL. PAPI(P2L)—GA 3.0° TCH 37'.

SERVICE: S4 FUEL 100LL, JET A LGT Actvt REIL Rwy 05 and 23; PAPI Rwy 05 and 23; MIRL Rwy 05-23—CTAF.

AIRPORT REMARKS: Attended Mon-Fri 1300-2200Z†. Sat-Sun March to October 1300-2100Z†. Unattended Sat-Sun November to February. For svc after hrs call 570-637-4902.

AIRPORT MANAGER: 570-265-4900

WEATHER DATA SOURCES: AWOS-3 119.925 (570) 265-1024.

COMMUNICATIONS: CTAF/UNICOM 123.0

BINGHAMTON APP/DEP CON 118.6 (1100-0500Z‡)

NEW YORK CENTER APP/DEP CON 132.175 (0500-1100Z‡)

CLEARANCE DELIVERY PHONE: For CD ctc binghamton Apch at 607-729-6146. when Apch clsd, ctc New York ARTCC at 631-468-1425.

RADIO AIDS TO NAVIGATION: NOTAM FILE BUF.

BINGHAMTON (L) (L) VOR/DME 112.2 CFB Chan 59 N42°09.45'

W76°08.19' 219° 28.6 NM to fld. 1583/10W.

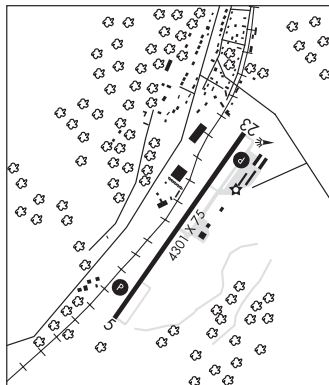
VOR unusable.

023°-033° byd 15 NM blo 6,000'

NEW YORK

L-30J

IAP



TOWER CITY

BENDIGO (74N) 2 S UTC-5(-4DT) N40°33.54' W76°33.58'

791 B NOTAM FILE IPT

RWY 05-23: H2325X60 (ASPH-CONC) S-12.5 MIRL

RWY 05: Tree.

RWY 23: VASI(V2R)—GA 3.0° TCH 25'. Thld dsplcd 181'. Tree.

SERVICE: LGT ACTIVATE MIRL Rwy 05-23—CTAF. Rwy 23 VASI OTS indefly.

AIRPORT REMARKS: Unattended. Rwy 05 clsd daily SS-SR. 160' lighted twr 400' north of rwy midfield. Rapidly rising terrain 1500' MSL N-NW of Rwy 05. Mountain ridge 1500' MSL 1 NM S of arpt parallel to Rwy 05-23.

AIRPORT MANAGER: 610-413-7428

COMMUNICATIONS: CTAF 122.9

Ⓡ **HARRISBURG APP/DEP CON** 126.45

CLEARANCE DELIVERY PHONE: For CD ctc Harrisburg Apch at 800-932-0712.

RADIO AIDS TO NAVIGATION: NOTAM FILE IPT.

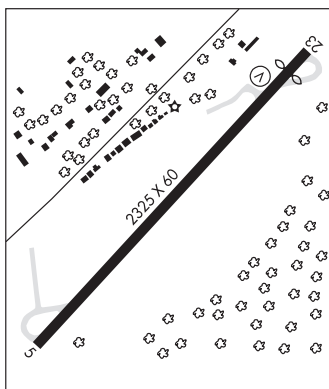
RAVINE (L) (L) VORTACW 114.6 RAV Chan 93 N40°33.20'

W76°35.96' 090° 1.8 NM to fld. 1750/11W.

NEW YORK

L-30J

IAP



TUNKHANNOCK

SKYHAVEN (76N) 1 S UTC-5(-4DT) N41°31.69' W75°56.75'

639 NOTAM FILE IPT

RWY 01-19: H2007X50 (ASPH) S-12.5 1.0% up S

RWY 19: Thld dsplcd 438'. Trees.

SERVICE: S4 FUEL 100LL

AIRPORT REMARKS: Attended 1300Z†-dusk. Parachute Jumping. For svc after hrs phone 570-466-0697/570-362-4169/570-836-3884.

AIRPORT MANAGER: 570-466-0697

COMMUNICATIONS: CTAF/UNICOM 122.8

Ⓡ **WILKES-BARRE APP/DEP CON** 120.95

CLEARANCE DELIVERY PHONE: For CD ctc Wilkes-Barre Apch at 570-655-2084.

NEW YORK

UNIONVILLE

RIDGE SOARING (79N) 2 SW UTC-5(-4DT) N40°53.04' W77°54.43'

DETROIT

815 NOTAM FILE AOO

RWY 07-25: H3322X150 (ASPH-TURF)

RWY 07: Thld dspclcd 725'. Trees.

RWY 25: Thld dspclcd 470'. Trees.

AIRPORT REMARKS: Unattended. Designated gliderport. Drainage ditch obstructs turf Idg sfc 1738' inbound from Rwy 25, both north and south side marked with red/yellow cones. Rwy 07-25 centerline runs along south edge of paved strip. Rwy 07-25 drains poorly. Numerous soft areas dur rainy periods. Rwy 25 rwy and dthr unmarked.

AIRPORT MANAGER: 814-883-8045

COMMUNICATIONS: CTAF 122.9

CLEARANCE DELIVERY PHONE: For CD ctc New York ARTCC at 631-468-1425.

COMM/NAV/WEATHER REMARKS: Communications with arpt avbl on 123.3 Aviation Instructional frequency.

VANSANT (See ERWINNA on page 274)

VENANGO RGNL (See FRANKLIN on page 276)

W P H S HELIPORT (See MOUNT PLEASANT on page 290)

WASHINGTON CO (AFJ)(KAFJ) 3 SW UTC-5(-4DT) N40°08.19' W80°17.41'

DETROIT

1184 B NOTAM FILE AFJ

H-10H, 12I, L-29C

RWY 09-27: H5004X100 (ASPH) S-40, D-60, 2D-90 HIRL

IAP

RWY 09: PAPI(P4L)—GA 3.71° TCH 85'. Trees.

RWY 27: REIL. PAPI(P4L)—GA 3.09° TCH 62'. Trees.

SERVICE: S4 FUEL 100LL, JET A, A+ OX 1, 3 LGT ACTIVATE HIRL Rwy 09-27 and REIL Rwy 27—CTAF. PAPI Rwy 09 and Rwy 27 opr 24 hrs. Rwy 27 PAPI rstd to category A and B acft only. Rwy 09 PAPI unusable byd 7° right of centerline. Rwy 09 VGSi and descent angles not coincident.

AIRPORT REMARKS: Attended Mon-Fri 1200-0000Z, Sat-Sun 1200-2200Z. Birds on and invof rwy. 208 ft hill and trees 2937 ft fm thld Rwy end 09. 226 ft hill and trees 2941 ft fm thld Rwy end 09. 288 ft hill and trees 7238 ft fm thld Rwy end 27. 268 ft hill and trees 8091 ft fm thld Rwy end 27. 158 ft obstr lit pole approx 3389 ft fm thld Rwy end 09. 159 ft obstr lit pole approx 3055 ft fm thld Rwy end 09.

AIRPORT MANAGER: 724-228-5151

WEATHER DATA SOURCES: AWOS-3PT 119.175 (724) 228-3529.

COMMUNICATIONS: CTAF/UNICOM 122.975

Ⓡ **PITTSBURGH APP/DEP CON** 119.35

CLNC DEL 127.3

RADIO AIDS TO NAVIGATION: NOTAM FILE AGC.

ALLEGHENY (L) (L) VOR/DME 110.0 AGC Chan 37 N40°16.72' W80°02.45' 242° 14.3 NM to fld. 1285/9W.

VOR unusable:

036°-059° byd 10 NM blo 7,000'

071°-175°

226°-261° byd 10 NM

300°-310°

WHEELING (L) (L) VOR/DME 114.25 HLG Chan 89(Y) N40°15.59' W80°34.12' 127° 14.8 NM to fld.

1269/7W. NOTAM FILE HLG.

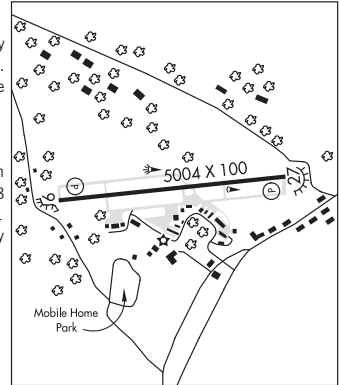
VOR unusable:

005°-045°

105°-190° byd 7 NM

315°-320° blo 3,000'

ILS/DME 110.3 I-AFJ Chan 40 Rwy 27. Glideslope unusable byd 5° left of course.



WAYNESBURG

GREENE CO (WAY)(KWAY) 2 E UTC-5(-4DT) N39°54.07' W80°07.84'

CINCINNATI
L-29C
IAP

1069 NOTAM FILE AOO

RWY 09-27: H3500X75 (ASPH) S-12

RWY 09: Trees.

RWY 27: Trees.

SERVICE: S4 FUEL 100LL

AIRPORT REMARKS: Unattended. Dalgt opns only. Deer and birds on and invof rwy. Exstsv glider ops wkends. For svc after hrs ctc 724-993-2190. 290' high terrain 1,900' south of rwy. Ground drops off sharply east end Rwy 09-27. Rwy 09 rwy nrs and CL mrkgs in poor cond. Rwy 27 rwy nrs and CL mrkgs in poor cond.

AIRPORT MANAGER: 724-998-5042

COMMUNICATIONS: CTAF/UNICOM 122.8

Ⓡ **CLARKSBURG APP/DEP CON** 121.15 (1200-0400Z‡)

Ⓡ **CLEVELAND CENTER APP/DEP CON** 126.950 (0400-1200Z‡)

CLEARANCE DELIVERY PHONE: For CD ctc Clarksburg Apch at 304-842-2011, when Apch clsd ctc Cleveland ARTCC at 440-774-0226.

RADIO AIDS TO NAVIGATION: NOTAM FILE AGC.

ALLEGHENY (L) (L) VOR/DME 110.0 AGC Chan 37 N40°16.72' W80°02.45' 199° 23.0 NM to fld. 1285/9W.

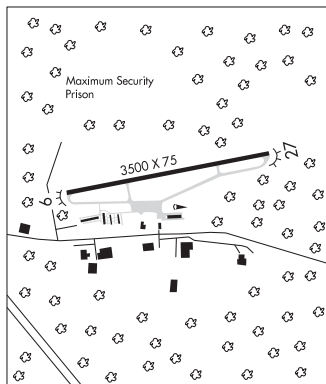
VOR unusable:

036°-059° byd 10 NM blo 7,000'

071°-175°

226°-261° byd 10 NM

300°-310°



WELLSBORO

GRAND CANYON RGNL (N38) 4 SW UTC-5(-4DT) N41°43.68' W77°23.73'

DETROIT
L-30J
IAP

1892 B NOTAM FILE IPT

RWY 10-28: H3597X60 (ASPH) MIRL

RWY 10: PAPI(P2L)—GA 3.0° TCH 40'. Trees.

RWY 28: REIL. PAPI(P2L)—GA 3.0° TCH 40'. Trees.

RWY 11-29: 1576X80 (TURF) 0.6% up W

SERVICE: FUEL 100LL, JET A LGT ACTVT REIL Rwy 28; MIRL Rwy 10-28—CTAF. REIL for Rwy 28 is on solar sensor and will not oper drg dalgt hrs.

AIRPORT REMARKS: Attended Mon-Fri 1500-2000Z‡. Sat-Sun unattended. Turf Rwy 11-29 1600' X 100' day VFR only; non simultaneous ops; clsd annually Dec-Apr.

AIRPORT MANAGER: (570) 724-3746

WEATHER DATA SOURCES: AWOS-3PT 120.925 (570) 723-0385.

COMMUNICATIONS: CTAF/UNICOM 122.8

Ⓡ **ELMIRA APP/DEP CON** 128.425 (1100-0500Z‡)

NEW YORK CENTER APP/DEP CON 133.35 (0500-1100Z‡)

CLEARANCE DELIVERY PHONE: For CD ctc New York ARTCC at 631-468-1425.

RADIO AIDS TO NAVIGATION: NOTAM FILE IPT.

STONYFORK (L) (L) VOR/DME 108.6 SFK Chan 23 N41°41.72' W77°25.19' 037° 2.3 NM to fld. 1985/8W.

WELLSVILLE

KAMPEL (2N5) 2 W UTC-5(-4DT) N40°02.97' W76°58.63'

NEW YORK

611 NOTAM FILE IPT

RWY 05-23: 2550X100 (TURF) 0.7% up NE

RWY 05: Thld dsplcd 303'. Stack.

RWY 23: Thld dsplcd 475'. Trees.

SERVICE: S3 FUEL 100LL

AIRPORT REMARKS: Attended Apr-Nov Mon-Fri 1300-2200Z‡, Sat and Sun unattended. Arpt clsd to tran acct Nov-Apr. Fuel not avbl on weekends. Rwy 05-23 marked with yellow cones. Rwy 23 dsplcd thld marked with 3 yellow cones each side of rwy. Rwy 05 dsplcd thld marked with 3 yellow cones each side of rwy.

AIRPORT MANAGER: 717-432-9688

COMMUNICATIONS: CTAF 122.9

CLEARANCE DELIVERY PHONE: For CD ctc Harrisburg Apch at 800-932-0712.

WEST CHESTER

BRANDYWINE RGNL (OQN)(KOQN) 3 NE UTC-5(-4DT) N39°59.41' W75°34.91'

WASHINGTON

465 B NOTAM FILE IPT

L-34G, A

RWY 09-27: H3347X50 (ASPH) S-10 LIRL

IAP

RWY 09: PAPI(P2L)—GA 4.2° TCH 23'. Thld dspcd 125'. Trees. Rgt tfc.

RWY 27: PAPI(P2L)—GA 3.0° TCH 20'. Thld dspcd 249'.

SERVICE: S6 FUEL 100LL, JET A LGT Rwy 09 PAPI ops continuous.

Rwy 27 PAPI ops continuous.

NOISE: Tfc dep Rwy 27 climb out straight ahd til rchg 1300' MSL, then turn on crs for noise abatement.

AIRPORT REMARKS: Attended 1300-2200Z. For svc after hrs ctc 610-842-3804. Birds and deer on and invof arpt. Rwy 27 calm wind rwy. Full length parallel twy south of rwy. Ldg fee: Ramp fee or fuel.

AIRPORT MANAGER: 610-692-6100

WEATHER DATA SOURCES: AWOS-3T 121.4 (610) 692-6190.

COMMUNICATIONS: CTAF/UNICOM 123.075

® PHILADELPHIA APP/DEP CON 124.35

CLNC DEL 125.6

CLEARANCE DELIVERY PHONE: For CD ctc Philadelphia Apch at 800-354-9884.

RADIO AIDS TO NAVIGATION: NOTAM FILE IPT.

MODENA (L) (L) VORTACW 113.2 MXE Chan 79 N39°55.08'

W75°40.25' 052° 6.0 NM to fld. 473/9W.

VOR unusable:

036°-046°

047°-057° byd 10 NM

058°-085°

170°-248° byd 27 NM blo 7,500'

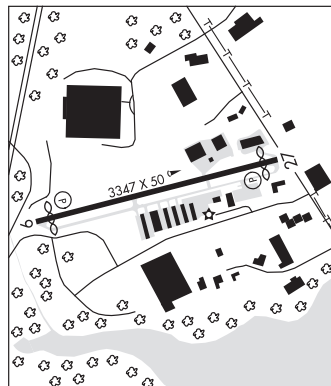
170°-248° byd 30 NM blo 9,500'

170°-248° byd 8 NM blo 6,000'

268°-278° byd 28 NM

278°-290° blo 10,000'

290°-326°



WILKES-BARRE WYOMING VALLEY (WBW)(KWBW) 3 N UTC-5(-4DT) N41°17.84' W75°51.13'

NEW YORK

544 B NOTAM FILE IPT

L-30K

RWY 07-25: H3375X75 (ASPH) MIRL

IAP

RWY 07: PAPI(P2L)—GA 4.0° TCH 40'.

RWY 25: PAPI(P2L)—GA 3.75° TCH 40'. Tree.

RWY 09-27: H2193X100 (ASPH-TURF)

RWY 09: Thld dspcd 672'. Trees.

SERVICE: S4 FUEL 100LL, JET A LGT ACTIVATE MIRL Rwy 07-25, PAPI Rwy 07, Rwy 25 and rotating bcn—CTAF. Rwy 07-25 preset low ints to ACTIVATE higher ints—CTAF.

AIRPORT REMARKS: Attended 1300-2200Z. Rwy 09-27 clsd winter months. +152' transmission lines 6,000' from Rwy 25 thld 585' left marked with red spheres. Rwy 09-27 marked with 3' white cones. Rwy 09 dspcd thld marked with three white cones each side. Rwy 09-27 first 544 ft Rwy 27 asph, rmndr turf.

AIRPORT MANAGER: 570-288-3257

COMMUNICATIONS: CTAF/UNICOM 122.8

® APP/DEP CON 126.3

CLEARANCE DELIVERY PHONE: For CD ctc Wilkes-Barre Apch at 570-655-2084.

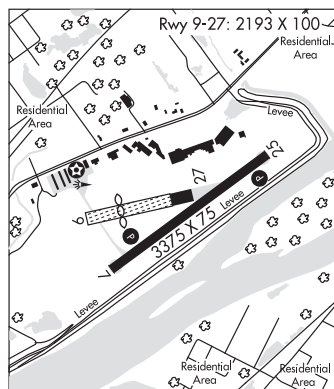
RADIO AIDS TO NAVIGATION: NOTAM FILE AVP.

(L) (L) VORTACW 111.6 LVZ Chan 53 N41°16.37'

W75°41.37' 291° 7.5 NM to fld. 2118/10W.

VOR unusable:

290°-305° byd 15 NM blo 6,000'



WILKES-BARRE/SCRANTON INTL (AVP)(KAVP) 5 SW UTC-5(-4DT) N41°20.31' W75°43.40'

NEW YORK
H-101, 121, L-30K, 33A
IAP, AD

962 B LRA ARFF Index—See Remarks NOTAM FILE AVP

RWY 04-22: H7502X150 (ASPH-GRVD) S-133, D-173, 2D-300
PCN 45 F/A/X/T HIRL 0.7% up SW

RWY 04: MALSR, PAPI(P4R)—GA 3.0° TCH 58'. RVR-TR

RWY 22: REIL, VASI(V4L)—GA 3.0° TCH 54'. RVR-TR Tower. Rgt tfc.

RWY 10-28: H4300X150 (ASPH-GRVD) S-58, D-80, 2S-101,
2D-125 PCN 34 F/C/X/T MIRL 0.3% up E

RWY 10: REIL, PAPI(P2L)—GA 3.0° TCH 43'. Rgt tfc.

RWY 28: REIL. Trees. Rgt tfc.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 04: TORA-7502 TODA-7502 ASDA-7502 LDA-7502

RWY 10: TORA-4300 TODA-4300 ASDA-4300 LDA-4300

RWY 22: TORA-7502 TODA-7502 ASDA-7502 LDA-7502

RWY 28: TORA-4300 TODA-4300 ASDA-4300 LDA-4300

ARRESTING GEAR/SYSTEM

RWY 04: EMAS

RWY 22: EMAS

SERVICE: S3 FUEL 100LL, JET A OX2, 4

AIRPORT REMARKS: Attended continuously. Deer and birds on and in/ovf arpt. Rwy 04-22 precipitous drop-off each rwy end. Class I, ARFF Index B. Index C ARFF equipment avbl upon request call 570-602-2040. Unlgt'd twr 1130' 1.3 miles east AER 28, unlgt'd twr 1463' 1.7 miles east AER 28, unlgt'd twr 1652' 2.4 miles east AER 28. Rwy 28 unlgt'd high terrain trees, 1155' MSL 0.91 miles east AER 28, 1463' MSL 1.49 miles east-southeast AER 28, 1667' MSL 2.25 miles east AER 28, 1920' MSL 2.84 miles east AER 28. For FBO svcs 0500-1000Z± local Mon-Fri and 0200-0500Z± local Sat-Sun call (570) 457-4485. Ldg fee. Flight Notification Service (ADCUS) avbl.

AIRPORT MANAGER: 570-602-2000

WEATHER DATA SOURCES: ASOS (570) 655-0748

COMMUNICATIONS: UNICOM 122.95 ATIS 135.75

RCO 122.2 (WILLIAMSPORT RADIO)

Ⓡ **APP/DEP CON** 120.95 (280°-100°) 126.3 (101°-279°)

TOWER 120.1 **GND CON** 121.9

AIRSPACE: CLASS D.

TRSA svc ctc APP CON within 20 NM

RADIO AIDS TO NAVIGATION: NOTAM FILE AVP.

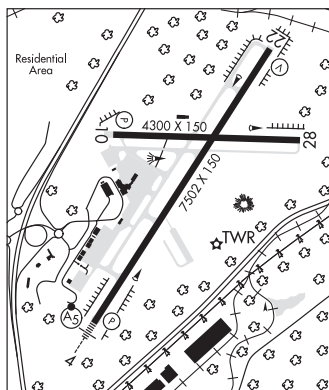
(L) (L) **VORTACW** 111.6 LVZ Chan 53 N41°16.37' W75°41.37' 349° 4.2 NM to fld. 2118/10W.

VOR unusable:

290°-305° byd 15 NM blo 6,000'

ILS/DME 109.9 I-AVP Chan 36 Rwy 04. LOC unusable byd 20° right of course.

ILS/DME 109.9 I-IZK Chan 36 Rwy 22. Class IT.



WILLIAM T PIPER MEML (See LOCK HAVEN on page 287)

WILLIAMSBURG

COVE VALLEY (6G6) 2 W UTC-5(-4DT) N40°27.27' W78°14.28' 1156 NOTAM FILE AOO

DETROIT

RWY 04-22: 2750X100 (TURF)

RWY 04: Thld displcd 285'. Road. Rgt tfc.

RWY 22: Thld displcd 286'. Brush.

SERVICE: S4

AIRPORT REMARKS: Attended Mon-Fri 1300-2200Z±, Sat-Sun irregularly. Arpt safety briefing rqrd before ldg 814-832-2694. Deer and occasional geese on and in/ovf arpt. Turf soft during spring and after rains, no ops when rwy is soft or snow covered. Rwy 04-22 mkd with white bdry mkr. Rwy 04 dthr mkd with white barrels.

AIRPORT MANAGER: 814-832-2694

COMMUNICATIONS: CTAF 122.9

CLEARANCE DELIVERY PHONE: For CD ctc Johnstown Apch at 814-532-5960, when Apch clsd ctc Cleveland ARTCC at 440-774-0213.

WILLIAMSPORT RGNL (IPT)(KIPT) 4 E UTC-5(-4DT) N41°14.50' W76°55.31'

NEW YORK
H-10H, 12J, L-30J
IAP, AD

528 B ARFF Index—See Remarks NOTAM FILE IPT

RWY 09-27: H6825X150 (ASPH-GRVD) S-65, D-100, 2S-127, 2D-190 PCN 43 F/A/X/T HIRL

RWY 09: REIL. PAPI(P4L)—GA 3.0° TCH 49'. Trees.

RWY 27: MALSR. Thld dspcld 255'. Trees. Rgt tfc.

RWY 12-30: H4273X150 (ASPH) S-200, D-200, 2S-175, 2D-400 PCN 46 F/A/X/T MIRL

RWY 12: PAPI(P2L)—GA 3.75° TCH 45'. Trees.

RWY 30: PAPI(P2L)—GA 4.0° TCH 41'. Trees. Rgt tfc.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 09: TORA-6825 TODA-6825 ASDA-6073 LDA-6073

RWY 12: TORA-4273 TODA-4273 ASDA-4273 LDA-4273

RWY 27: TORA-6825 TODA-6825 ASDA-6318 LDA-6063

RWY 30: TORA-4273 TODA-4273 ASDA-4273 LDA-4273

SERVICE: S4 FUEL 100LL, JET A OX1 LGT When twr CLSD ACTVT MALSR Rwy 27; REIL Rwy 09; HIRL Rwy 09-27; MIRL Rwy 12-30; and twy lgts—CTAF. PAPI Rwys 09, 12 and 30 oper consly. MIRL Rwy 12-30, click three times for medium instst. Rwy 09 PAPI baffled unusbl byd 2 degs R of crs. Rwy 30 PAPI baffled unusbl byd 7 degs L of crs.

AIRPORT REMARKS: Attended 1130-0330Z†. After hrs by prior coordination call 570-368-2651. Deer and birds on and invof arpt especially AER

27 and AER 30. Fuel and svcs avbl 1030-0300Z†, after hrs by prior coordination call 570-368-2651. Twy J clsd to acct with wing span over 78'. Class I, ARFF Index A. PPR 12 hrs for unscheduled air carrier ops with more than 30 passenger seats 0400-1100Z† daily call arpt manager 570-368-2444. Index B coverage avbl upon req call arpt manager 570-368-2444. Unlgttd crane 90' AGL 0.5 miles SE AER 30 permanently. For landside access from arpt after hrs use computerized gate system at east end of FBO apron. Cold temperature airport. Altitude correction required at or below -14C. Ldg fee.

AIRPORT MANAGER: 570-368-2444

WEATHER DATA SOURCES: ASOS 125.225 (570) 368-3420.

COMMUNICATIONS: CTAF 119.1 UNICOM 122.95

RCO 122.2 (WILLIAMSPORT RADIO)

Ⓡ NEW YORK CENTER APP/DEP CON 124.9

TOWER 119.1 (1130-0330Z†) GND CON 121.9

CLEARANCE DELIVERY PHONE: For CD if una to ctc on FSS freq, ctc New York ARTCC at 631-468-1425.

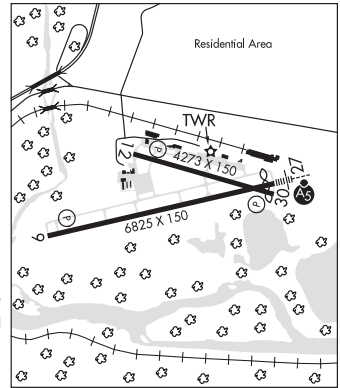
AIRSPACE: CLASS D svc 1130-0330Z†; other times CLASS E.

RADIO AIDS TO NAVIGATION: NOTAM FILE IPT.

(L) (L) VORW/DME 114.4 FQM Chan 91 N41°20.31' W76°46.49' 238° 8.8 NM to fld. 2098/9W.

ILS/DME 110.1 I-IPT Chan 38 Rwy 27. Class IE. LOC unusable byd 028° left of course. DME unusable byd 028° left of course.

COMM/NAV/WEATHER REMARKS: When twr clsd New York Center provides Clnc Del on 124.9.



WINGS FLD (See PHILADELPHIA on page 296)

YARDLEY N40°15.20' W74°54.46' NOTAM FILE IPT.

NEW YORK
H-10I, L-34G, A

(L) (L) VORW/DME 108.2 ARD Chan 19 082° 4.5 NM to Trenton Mercer. 294/10W.

VOR unusable:

020°-040°

195°-225° byd 25 NM blo 5,000'

250°-265° blo 3,500'

266°-280° byd 20 NM blo 5,000'

281°-300° byd 14 NM blo 6,000'

DME unusable:

225°-275° byd 25 NM blo 5,000'

YORK (THV)(KTHV) 7 SW UTC-5(-4DT) N39°55.02' W76°52.38'

495 B NOTAM FILE THV

RWY 17-35: H5188X100 (ASPH-GRVD) S-20, D-20, 2D-20 MIRL

0.4 % up SE

RWY 17: REIL. PAPI(P4L)—GA 4.5° TCH 20'. Thld dsplcd 794'. Pole.

RWY 35: REIL. PAPI(P4L)—GA 3.67° TCH 28'. Thld dsplcd 739'. Pole.

SERVICE: S4 FUEL 100LL, JET A OX3

AIRPORT REMARKS: Attended Mon-Fri 1100-2300Z†, Sat-Sun

1300-2200Z†. Twy to Rwy 35 clsd to acft with wingspan over 60'.

Trees within primary sfc 83' in from thld and 221' left of Rwy 17

centerline; ramp tie-down area, medivac parking pad and twy within

primary sfc on right side. Rwy 17 trees 1377 ft out 88 ft right apch slp

20:1 to dthr. Rwy 35 trees 2695 ft out 426 ft right apch slp 23:1 to

dthr. Ldg fee.

AIRPORT MANAGER: 717-792-5566

WEATHER DATA SOURCES: ASOS 119.275 (717) 792-5529.

COMMUNICATIONS: CTAF/UNICOM 123.0

Ⓡ **HARRISBURG APP/DEP CON** 124.1

CLNC DEL 121.65

CLEARANCE DELIVERY PHONE: For CD ctc Harrisburg Apch at 800-932-0712.

AIRSPACE: CLASS E.

RADIO AIDS TO NAVIGATION: NOTAM FILE CXY.

HARRISBURG (L) (L) VORTACW 115.35 HAR Chan 100(Y) N40°18.13' W77°04.17' 169° 24.8 NM to fld.

1301/10W.

VOR unusable:

069°-071°

084°-087° byd 20 NM blo 5,000'

084°-087° byd 30 NM

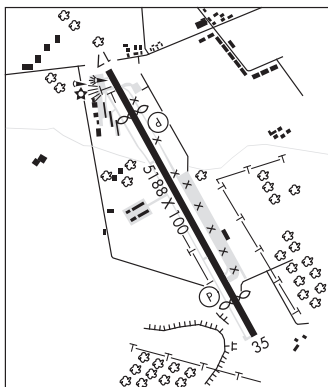
097°-107° byd 10 NM

116°-120° byd 25 NM blo 4,000'

WASHINGTON

H-10H, 121, L-29E, 34F, A

IAP, AD



ZELIENOPLE MUNI (PJC)(KPJC) 1 W UTC-5(-4DT) N40°48.12' W80°09.65'

898 B NOTAM FILE AOO

RWY 17-35: H4933X75 (ASPH) MIRL

RWY 17: REIL. Thld dsplcd 551'. Trees.

RWY 35: REIL. PAPI(P2L)—GA 3.48° TCH 50'. Thld dsplcd 282'. Pole.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 17: TORA-4932 TODA-4932 ASDA-4932 LDA-4381

RWY 35: TORA-4932 TODA-4932 ASDA-4932 LDA-4650

SERVICE: S4 FUEL 100LL, JET A, A+ OX2, 3 LGT ACTIVATE REIL

Rwy 17 and Rwy 35; MIRL Rwy 17-35 after 0300Z†—CTAF. PAPI

continuous and MIRL opr dusk-0300Z†. Rwy 35 PAPI unusable byd 5°

left of centerline.

AIRPORT REMARKS: Attended Mon-Fri 1100-0300Z†, Sat-Sun on call. For

attendant Sat-Sun call 724-452-4719. Deer and geese on and invof

rwy. Parallel twy marked with reflectors. Rwy 35 68 ft lgt pole 720 ft

fm thld, 291 ft rt. 56 ft lgt pole 480 ft fm thld, 267 ft lt. Poles lgt fm

the bottom.

AIRPORT MANAGER: 724-452-4719

WEATHER DATA SOURCES: AWOS-3PT 118.45 (724) 452-5304.

COMMUNICATIONS: CTAF 122.9

Ⓡ **PITTSBURGH APP/DEP CON** 124.75

CLEARANCE DELIVERY PHONE: For CD ctc Pittsburgh Apch at 412-472-5591.

RADIO AIDS TO NAVIGATION: NOTAM FILE AOO.

ELLWOOD CITY (VH) (H) VOR/DME 115.8 EWC Chan 105 N40°49.50' W80°12.69' 129° 2.7 NM to fld. 1227/8W.

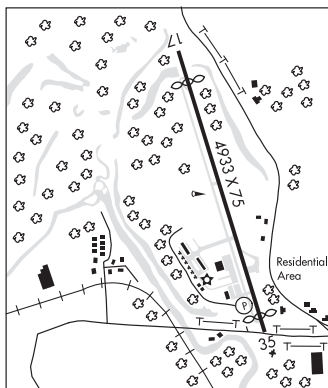
VOR unusable:

285°-335°

DETROIT

L-29C

IAP



BLOCK ISLAND STATE (BID)(KBID) 1 W UTC-5(-4DT) N41°10.09' W71°34.67'

NEW YORK

108 B NOTAM FILE BID

L-33C

RWY 10-28: H2502X100 (ASPH) S-30 MIRL 0.3% up W

IAF

RWY 10: REIL. PAPI(P4R)—GA 3.0° TCH 40' . Trees.

RWY 28: REIL. PAPI(P4L)—GA 3.0° TCH 35' .

SERVICE: LGT ACTVT REIL Rwy 10 and 28; PAPI Rwy 10 and 28; MIRL Rwy 10-28—CTAF.

AIRPORT REMARKS: Attended 1300-2200Z† Sun-Sat Jun-Sep, 1300-2100Z† Sun-Sat Oct-May. Deer and birds on and in/ov arpt. Obstructions—lighted towers 1 NM north east of airport 1/2 NM apart. Rwy conds may not be mnt or rprtd when airport is unatndd. Ctc RI Airport Corporation Ops at 401-691-2265. Arpt parking and safety brief avbl on landing 122.85 MHz or call 401-466-5511. Ldg fee: commercial and non Rhode Island registered acft. Overnight parking fee. Rwy 10-28 safety area not std SE. +15 ft dropoff 130 ft fm rwy end, 150 left.

AIRPORT MANAGER: (401) 691-2265

WEATHER DATA SOURCES: AWOS-3PT 134.775 (401) 466-5495.

COMMUNICATIONS: CTAF/UNICOM 123.0

Ⓡ **PROVIDENCE APP/DEP CON** 125.75 (Sun-Fri 1030-0530Z†, Sat 1030-0500Z†) other times ctc

BOSTON CENTER APP/DEP CON 124.85

CLNC DEL 120.1

CLEARANCE DELIVERY PHONE: For CD when Apch clsd ctc Boston ARTCC at 603-879-6859.

RADIO AIDS TO NAVIGATION: NOTAM FILE BID.

SANDY POINT (VL) (L) VORW/DME 117.8 SEY Chan 125 N41°10.05' W71°34.57' at fld. 100/15W.

DME unusable:

160°-164° byd 15 NM blo 2,000'

240°-270° byd 25 NM blo 3,000'

VOR unusable:

061°-073° byd 40 NM

074°-082° byd 40 NM

339°-346° byd 40 NM

NEWPORT STATE (UUU)(KUUU) 2 NE UTC-5(-4DT) N41°31.95' W71°16.89'

NEW YORK

172 B LRA NOTAM FILE UUU

L-33C

RWY 04-22: H2999X75 (ASPH) S-30 MIRL 0.8% up NE

IAF

RWY 04: VASI(V4L)—GA 4.0° TCH 51' . Trees.

RWY 22: REIL. PAPI(P4L)—GA 4.0° TCH 30' . Trees.

RWY 16-34: H2623X75 (ASPH) S-30 MIRL 0.6% up S

RWY 16: VASI(V4L)—GA 3.75° TCH 40' . Trees.

RWY 34: Thld dspclcd 250' . Trees.

SERVICE: S4 FUEL 100LL, JET A LGT ACTVT REIL Rwy 22; PAPI Rwy 22, VASI Rwy 04 and Rwy 16; MIRL Rwsy 04-22 & 16-34; Twys A, B, C & ramp area—CTAF. Rwy end 04; VASI OTS UFN.

NOISE: Arpt lctd in noise sensitive area. Populated areas to the S and N. Noise abatement procs in efct. Ctc AMGR 401-691-2265 for more info.

AIRPORT REMARKS: Attended 1300-2300Z† Sun-Sat May-Sep, 1300-2100Z† Sun-Sat Oct-Apr. Arpt unattended 2300-1200Z† dly & Sun-Mon. Parachute Jumping. Deer and birds on and in/ov arpt. Seasonal bird activity. Rwy conds may not be mnt or rprtd when arpt is unatndd. Ctc RIAC Ops at 401-691-2265. AER 34, ctc arpt mgr for details 401-691-2265. Fuel avbl 24 hrs by credit card. 24-hr advanced notice required for all Jet A services after posted business hours. PPR for jet acft. Rwy 04 dsngnd calm wid rwy. Rwy 04 tmpry dthr 499' . Rwy 04-22 nmrs cracks full wid and len. Rwy 16-34 nmrs cracks full wid and len. Helicopters req to avoid main terminal ramp for parking or ldg. Please ctc arpt mgr. Nmrs unlgtd obstns up to 150' AGL smrdg airfield. Overnight parking fee. Ldg fee coml and non Rhode Island registered acft.

AIRPORT MANAGER: 401-691-2000

WEATHER DATA SOURCES: ASOS 132.075 (401) 846-5910.

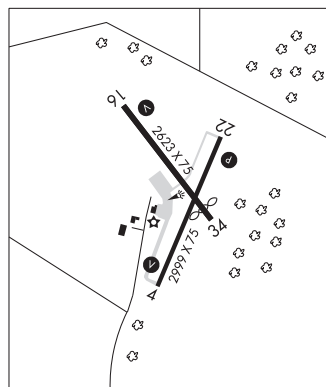
COMMUNICATIONS: CTAF/UNICOM 123.05

Ⓡ **PROVIDENCE APP/DEP CON** 128.7 (Sun-Fri 1030-0530Z†, Sat 1030-0500Z†) other times ctc

BOSTON CENTER APP/DEP CON 124.85

CLNC DEL 127.25

CLEARANCE DELIVERY PHONE: For CD when Apch clsd ctc Boston ARTCC at 603-879-6859.



CONTINUED ON NEXT PAGE

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RADIO AIDS TO NAVIGATION: NOTAM FILE PVD.

PROVIDENCE (H) (DH) VOR/DME 115.6 PVD Chan 103 N41°43.46' W71°25.78' 164° 13.3 NM to fld. 49/14W.

VOR unusable:

085°-105° byd 12 NM blo 5,500'

085°-105° byd 8 NM blo 3,000'

106°-294° byd 30 NM blo 3,000'

295°-330° byd 30 NM blo 6,000'

331°-084° byd 30 NM blo 3,000'

DME unusable:

085°-105° byd 12 NM blo 5,500'

085°-105° byd 8 NM blo 3,000'

106°-152° byd 11 NM blo 2,000'

106°-152° byd 20 NM blo 4,000'

153°-294° byd 30 NM blo 3,000'

295°-330° byd 30 NM blo 6,000'

331°-084° byd 30 NM blo 3,000'

LOC/DME 108.5 I-OTI Chan 22 Rwy 22. LOC unmonitored.

NORTH CENTRAL STATE (See PAWTUCKET on page 321)**NORTH KINGSTOWN**

QUONSET STATE (OQU)(KOQU) P (ARNG ANG) 3 NE UTC-5(-4DT) N41°35.83'

W71°24.73'

18 B TPA—See Remarks LRA NOTAM FILE OQU

RWY 16-34: H7504X150 (ASPH-GRVD) D-175, 2S-175 HIRL

RWY 16: MALS. PAPI(P4L)—GA 3.0° TCH 58'. Trees.

RWY 34: PAPI(P4L)—GA 3.0° TCH 50'. Thld dsplcd 403'.

RWY 05-23: H4000X75 (ASPH) S-12.5 MIRL

RWY 05: REIL. PAPI(P4L)—GA 3.0° TCH 40'. Pole.

RWY 23: REIL. PAPI(P4R)—GA 3.0° TCH 40'.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 16: TORA-7100 TODA-7100 ASDA-7100 LDA-7100

RWY 34: TORA-7500 TODA-7500 ASDA-7500 LDA-7100

SERVICE: **FUEL** 100LL, JET A **LGT ACTVT** MALS Rwy 16; REIL Rwy 05 and 23; PAPI Rwy 05 and 23; MIRL Rwy 05-23, HIRL Rwy 16-34; twy lgts—CTAF. **MILITARY—FUEL** J8(Mil), A+ (FBO opr 1100-0200Z). PPR mandatory dur non-duty hr. Ctc C401-295-5020) (NC-100LL, A)

AIRPORT REMARKS: Unattended 0300-1200Z Sat-Sun. Deer, birds and waterfowl on and invof arpt. Nmrs cranes on and inofov arpt. Rwy 23 uneven pavement aprxly 100-400 ft fm AER 23 thr. Ctc amgr 401-295-5020. Rwy 34 uneven pavement aprxly 1,000-2,000 ft fm AER 34 thr. Civil acct use ctn, heightened scly measures in efcct on ANG and Army ramps UFN. Rcmd Twy A-2 intxn dep for Rwy 34, 5,500 ft rming. Ctc amgr 401-295-5020. Twy R and Twy E clsd indef. Lgtd cranes 125' high at pier 1000' southeast of Rwy 05. 180° turns for acct over 12,500 lbs GWT prohibited on Rwy 16-34. Rwy conds may not be mnt or rprtd when arpt is unatndd. Ctc RI arpt corporation ops at 401-691-2265. Ldg fee coml and non Rhode Island registered acct/ovngt prkg fee. Flight Notification Service (ADCUS) available.

MILITARY REMARKS: **RSTD** 180° turns for acct over 12,500 lbs GWT proh on Rwy 16-34. **MISC** Rwy 16 8000' avbl for mil acct only. **TFC PAT** TPA—Rotary/Wing 700', Fixed/Wing 1000' AGL. **ANG** PPR for svcg and use of ANG prkg ramp only. AMOPS ops 1200-2230Z Tue-Fri, excp holidays, DSN 476-3404/3405, Tsnt acct inbnd to ANG prkg ramp ctc Quahog, comd post, 15 min prior to ldg. **BASH** program in efc. 1 Apr-31 May and 1 Aug-31 Oct are dsngd Phase II periods for migratory bird act. Incrd haz fm Canadian geese flying east to west over rwy. Inbnd acct ctc Quahog/Rhody Ops for latest bird watch conds. Tmpry storage of classified mtrls up to secret at comd post. Acct req cust/ag ctc AMOPS 7 days prior to arr. **ARNG** Opr 1200-2230Z Tue-Fri, exc hol. PPR for tsnt Mil acct ldg, prkg ARNG Ramp and fuel ctc DSN 247-4539, C401-275-4539. Ltd prkg, fuel and maint avbl, prkg pad 3 clsd UFN. Call Hope Ops 233.15 (PRI), 36.80 (ALTN). PPR to use lcl trg area. Tran Mil acct ctc ARNG opns 138.95 252.4 if ldg ARNG ramp.

AIRPORT MANAGER: 401-691-2000

COMMUNICATIONS: **CTAF** 126.350 **ATIS** 118.6 (Tue-Fri 1300-0400Z, Sat 1400-2200Z, Sun 1500-2300Z, clsd Mon and hols) **UNICOM** 122.950

Ⓡ **PROVIDENCE APP/DEP CON** 123.675 244.875 (Sun-Fri 1030-0530Z, Sat 1030-0500Z) other times ctc

BOSTON CENTER APP/DEP CON 124.85 307.9

TOWER 126.35 (Tue-Fri 1300-0400Z, Sat 1400-2200Z, Sun 1500-2300Z, clsd Mon and hols)

CLNC DEL 134.5

CLEARANCE DELIVERY PHONE: For CD when Apch clsd ctc Boston ARTCC at 603-879-6859.

AIRSPACE: **CLASS D** svc 1300-0400Z Tue-Fri, 1400-2200Z Sat, 1500-2300Z Sun, clsd Mon and hol; other times **CLASS G**.

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RADIO AIDS TO NAVIGATION: NOTAM FILE PVD.

PROVIDENCE (H) (DH) VORW/DME 115.6 PVD Chan 103 N41°43.46' W71°25.78' 188° 7.7 NM to fld. 49/14W.

VOR unusable:

- 085°-105° byd 12 NM blo 5,500'
- 085°-105° byd 8 NM blo 3,000'
- 106°-294° byd 30 NM blo 3,000'
- 295°-330° byd 30 NM blo 6,000'
- 331°-084° byd 30 NM blo 3,000'

DME unusable:

- 085°-105° byd 12 NM blo 5,500'
- 085°-105° byd 8 NM blo 3,000'
- 106°-152° byd 11 NM blo 2,000'
- 106°-152° byd 20 NM blo 4,000'
- 153°-294° byd 30 NM blo 3,000'
- 295°-330° byd 30 NM blo 6,000'
- 331°-084° byd 30 NM blo 3,000'

ILS/DME 109.5 I-OQU Chan 32 Rwy 16. Class IT. Preventive maint sched 1400-1600Z† Thur. Unmonitored when ATCT clsd.

PAWTUCKET

NORTH CENTRAL STATE (SFZ)(KSFZ) 3 E UTC-5(-4DT) N41°55.25' W71°29.49'

NEW YORK

441 B LRA NOTAM FILE SFZ

H-10I, 11D, 12K, L-33C, 34J
IAP

RWY 05-23: H5000X100 (ASPH) S-30, D-60 HIRL

RWY 05: MALS. PAPI(P4R)—GA 3.0° TCH 52'. Trees.

RWY 23: REIL. PAPI(P4L)—GA 3.0° TCH 35'. Trees.

RWY 15-33: H3211X75 (ASPH) S-12.5 MIRL 0.5% up SE

RWY 15: REIL. PAPI(P4L)—GA 3.5° TCH 35'. Trees.

RWY 33: REIL. Trees.

SERVICE: S4 FUEL 100LL, JET A, A+ LGT ACTVT MALS Rwy 05;

REIL Rwy 15, 23 and 33; PAPI Rwy 05, 15 and 23; HIRL Rwy

05-23; MIRL Rwy 15-33; twy lgtS —CTAF.

NOISE: Noise abatement procedures in effect, contact airport manager.

AIRPORT REMARKS: Attended 1200-2200Z† Sun-Sat. Parachute Jumping.

Birds and wildlife on and invof arpt. Ap wildlife haz deer act increased

hn. Seasonal skydiving northeast side of afld. Seasonal glldr ops invof

arpt SR-SS. Rwy conds may not be mnt or rprtd when ap is

unattended. Ctc RI ap corporation ops 401-691-2265. Lgtd 250 ft

MSL tower 3.4 miles SE. +50' drop-off 250' from Rwy 05 end,

+40' drop-off 250' from Rwy 23 end. Nmrs unlgtd obstns up to 150

ft AGL srndg airfield. Overnight parking fee. Ldg fee for commercial

acft and non-Rhode Island registered acft.

AIRPORT MANAGER: 401-691-2000

WEATHER DATA SOURCES: AWOS-3PT 120.775 (401) 334-0324.

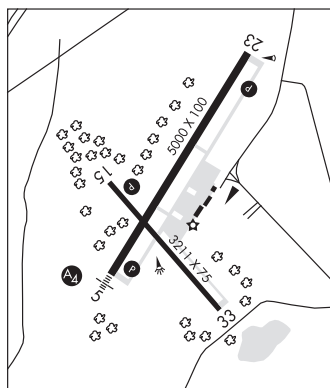
COMMUNICATIONS: CTAF/UNICOM 123.075

Ⓡ PROVIDENCE APP/DEP CON 123.675 (Sun-Fri 1030-0530Z† Sat 1030-0500Z† other times ctc)

Ⓡ BOSTON CENTER APP/DEP CON 124.85

CLNC DEL 124.35

CLEARANCE DELIVERY PHONE: For CD when Apch clsd ctc Boston ARTCC at 603-879-6859.



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RADIO AIDS TO NAVIGATION: NOTAM FILE PVD.

PROVIDENCE (H) (DH) VOR/DME 115.6 PVD Chan 103 N41°43.46' W71°25.78' 001° 12.1 NM to fld. 49/14W.

VOR unusable:

085°-105° byd 12 NM blo 5,500'
 085°-105° byd 8 NM blo 3,000'
 106°-294° byd 30 NM blo 3,000'
 295°-330° byd 30 NM blo 6,000'
 331°-084° byd 30 NM blo 3,000'

DME unusable:

085°-105° byd 12 NM blo 5,500'
 085°-105° byd 8 NM blo 3,000'
 106°-152° byd 11 NM blo 2,000'
 106°-152° byd 20 NM blo 4,000'
 153°-294° byd 30 NM blo 3,000'
 295°-330° byd 30 NM blo 6,000'
 331°-084° byd 30 NM blo 3,000'

PUTNAM (H) (H) VOR/DME 117.4 PUT Chan 121 N41°57.33' W71°50.65' 111° 15.9 NM to fld. 652/14W. NOTAM FILE BDR.

DME unusable:

265°-301° byd 36 NM blo 3,000'

LOC/DME 111.9 I-SFZ Chan 56 Rwy 05. LOC unmonitored.

PROVIDENCE

RHODE ISLAND TF GREEN INTL (PVD)(KPVD) 6 S UTC-5(-4DT) N41°43.34'

W71°25.66'

54 B LRA Class I, ARFF Index C NOTAM FILE PVD

RWY 05-23: H8700X150 (ASPH-GRVD) S-120, D-250, 2S-175, 2D-550, 2D/2D2-1120 PCN 75 F/A/W/T HIRL CL

RWY 05: ALSF2. TDZL. PAPI(P4R)—GA 3.0° TCH 69'. RVR-TMR Trees.

RWY 23: MALSR. VASI(V4L)—GA 3.0° TCH 41'. RVR-TMR Trees.

RWY 16-34: H6081X150 (ASPH-GRVD) S-120, D-250, 2S-175,

2D-423, 2D/2D2-1093 PCN 75 F/A/W/T HIRL 0.3% up N

RWY 16: REIL. PAPI(P4L)—GA 3.0° TCH 49'. RVR-R Thld dsplcd 565'. Pole.

RWY 34: MALSR. PAPI(P4L)—GA 3.0° TCH 60'. RVR-T Trees.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 05: TORA-8700 TODA-8700 ASDA-8700 LDA-8700

RWY 16: TORA-6081 TODA-6081 ASDA-6081 LDA-5516

RWY 23: TORA-8700 TODA-8700 ASDA-8700 LDA-8700

RWY 34: TORA-6081 TODA-6081 ASDA-6081 LDA-6081

ARRESTING GEAR/SYSTEM

RWY 05: EMAS

RWY 16: EMAS

RWY 34: EMAS

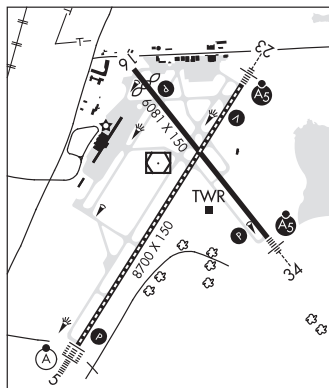
SERVICE: S4 FUEL 100LL, JET A LGT When ATCT clsd, ALSF-2 bcms SSALS preset med instnt only. When ATCT clsd, ACTVT MALSR Rwy 23 and 34; REIL Rwy 16; PAPI Rwy 05, 16 and 34; VASI Rwy 23; TDZ Rwy 05; cntIn Rwy 05-23; HIRL Rwy 05-23 and 16-34—CTAF.

NOISE: Noise abatement procs in efct. Hcls avoid resl areas when blw 1000'.

AIRPORT REMARKS: Attended continuously. Deer and birds on and invof arpt. 110' unmarked lgt poles 2700' from thld Rwy 34; 900' left of cntrl. ASDE-X in use. Operate transponders with altitude reporting mode and ADS-B (if equipped) enabled on all airport surfaces. Terminal ramp prohibited for use to general aviation. Parked acft on the northeast ramp west of Twy A, be alert. Freq flt school, tran jet acft, and vertical activity. Northwest ramp acft with wingspan greater than 110' req gnd crew assistance for thru taxi and parking. Northeast ramp acft with wingspan greater than 150' req ground crew assistance for thru taxi and parking. Run up pad for Twy F clsd to acft with wingspan over 118'. Twy V clsd daily 0100-1300Z±, btn Rwy 16-34 and Twy C. Gnd vehicles monitor CTAF when twr clsd. Ldg fee. Flight Notification Service (ADCUS) available.

AIRPORT MANAGER: 401-691-2000

NEW YORK
 H-101, 11D, 12K, L-33C, 34J
 IAP, AD



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WEATHER DATA SOURCES: ASOS 124.2 (401) 734-2818, LLWAS.

COMMUNICATIONS: CTAF 120.7 D-ATIS 124.2 (401) 737-3215

PROVIDENCE RCO 122.6 (BRIDGEPORT RADIO)

Ⓡ PROVIDENCE APP/DEP CON 123.675 (Sun-Fri 1030-0530Z†, Sat 1030-0500Z†) other times ctc

BOSTON CENTER APP/DEP CON 124.85

PROVIDENCE TOWER 120.7 (Sun-Fri 1030-0530Z†, Sat 1030-0500Z†) GND CON 121.9 CLNC DEL 126.65

BRIDGEPORT RADIO CLNC DEL 122.6 (0500-1100Z†)

PDC

CLEARANCE DELIVERY PHONE: For CD when Apch clsd ctc Boston ARTCC at 603-879-6859.

AIRSPACE: CLASS C svc ctc APP CON svc Sun-Fri 1030-0530Z†, Sat 1030-0500Z†; other times CLASS E.

VOR TEST FACILITY (VOT) 108.2

RADIO AIDS TO NAVIGATION: NOTAM FILE PVD.

PROVIDENCE (H) (DH) VORW/DME 115.6 PVD Chan 103 N41°43.46' W71°25.78' at fld. 49/14W.

VOR unusable:

085°-105° byd 12 NM blo 5,500'

085°-105° byd 8 NM blo 3,000'

106°-294° byd 30 NM blo 3,000'

295°-330° byd 30 NM blo 6,000'

331°-084° byd 30 NM blo 3,000'

DME unusable:

085°-105° byd 12 NM blo 5,500'

085°-105° byd 8 NM blo 3,000'

106°-152° byd 11 NM blo 2,000'

106°-152° byd 20 NM blo 4,000'

153°-294° byd 30 NM blo 3,000'

295°-330° byd 30 NM blo 6,000'

331°-084° byd 30 NM blo 3,000'

ILS/DME 109.3 I-PVD Chan 30 Rwy 05. Class IIIE. Cat II and Cat III unavbl when ATCT closed.

ILS/DME 109.3 I-ARJ Chan 30 Rwy 23. Class IIE. DME unusable byd 10 NM blw 1,900'.

ILS/DME 111.5 I-UNQ Chan 52 Rwy 34. Class IE. Glideslope unusable byd 4° right of course. Glideslope autopilot cpd apch NA blw 300'.

PROVIDENCE N41°43.46' W71°25.78' NOTAM FILE PVD.

NEW YORK

(H) (DH) VORW/DME 115.6 PVD Chan 103 at Rhode Island Tf Green Intl. 49/14W.

H-101, 11D, 12I, L-33C, 34J

VOR unusable:

085°-105° byd 12 NM blo 5,500'

085°-105° byd 8 NM blo 3,000'

106°-294° byd 30 NM blo 3,000'

295°-330° byd 30 NM blo 6,000'

331°-084° byd 30 NM blo 3,000'

DME unusable:

085°-105° byd 12 NM blo 5,500'

085°-105° byd 8 NM blo 3,000'

106°-152° byd 11 NM blo 2,000'

106°-152° byd 20 NM blo 4,000'

153°-294° byd 30 NM blo 3,000'

295°-330° byd 30 NM blo 6,000'

331°-084° byd 30 NM blo 3,000'

RCO 122.6 (BRIDGEPORT RADIO)

QUONSET STATE (See NORTH KINGSTOWN on page 320)

RHODE ISLAND TF GREEN INTL (See PROVIDENCE on page 322)

RICHMOND (See WEST KINGSTON on page 324)

SANDY POINT N41°10.05' W71°34.57' NOTAM FILE BID.

NEW YORK

(VL) (L) VORW/DME 117.8 SEY Chan 125 at Block Island State. 100/15W.

H-101, L-33C

DME unusable:

160°-164° byd 15 NM blo 2,000'

240°-270° byd 25 NM blo 3,000'

VOR unusable:

061°-073° byd 40 NM

074°-082° byd 40 NM

339°-346° byd 40 NM

WEST KINGSTON

RICHMOND (Ø8R) 3 W GMT-5(-4DT) N41°29.37' W71°37.24'

NEW YORK

130 NOTAM FILE BDR

RWY 11-29: H2129X30 (ASPH) LIRL(NSTD)

RWY 11: Trees.

RWY 29: TRCV(TRIL)—GA 5.5° TCH 21'. Thld dspcd 130'. Tree.

SERVICE: S4 FUEL 100LL LGT ACTIVATE LIRL Rwy 11-29 and windsock lgts—CTAF. Rwy 11-29 NSTD LIRL located 30' from edge of pavement. Rwy 29 dspcd thld lgtd and marked with white bar and number. Rotating bcn OTS indef.

AIRPORT REMARKS: Attended 1400-2200Z. Irregular hrs of opr. Call 401-783-1498 for acft requiring fuel. Ultralights on and invof arpt. Deer and birds on and invof arpt. Rwy 11 CLOSED ngts. +40' drop-off 150' from Rwy 29 end. +10' drop-off 200' from Rwy 11 end. Rwy has non-std safety area, ctc AMGR for dtls.

AIRPORT MANAGER: 401-783-1498

COMMUNICATIONS: CTAF/UNICOM 122.8 Cinc del thru Bridgeport Radio (BDR) 1-866-293-5149.

CLEARANCE DELIVERY PHONE: For CD ctc Providence Apch at 401-738-8945, when Apch clsd ctc Boston ARTCC at 603-879-6859.

WESTERLY STATE (WST)(KWST) 2 SE UTC-5(-4DT) N41°20.98' W71°48.21'

NEW YORK

81 B NOTAM FILE WST

L-33C, 34I

RWY 07-25: H4010X100 (ASPH-GRVD) S-30, D-60 MIRL

IAP

0.7% up NE

RWY 07: MALSf. PAPI(P4R)—GA 3.5° TCH 46'. Trees.

RWY 25: REIL. VASI(V2L)—GA 3.5° TCH 36'. Trees.

RWY 14-32: H3960X75 (ASPH) S-12.5 MIRL 0.6% up SE

RWY 14: REIL. PAPI(P4L)—GA 4.0° TCH 40'. Trees.

RWY 32: REIL. PAPI(P4L)—GA 4.0° TCH 40'. Thld dspcd 750'.

Trees.

SERVICE: S4 FUEL 100LL, JET A LGT Dusk-Dawn. ACTVT MALSf Rwy 07; REIL Rwy 25, Rwy 14 and Rwy 32; PAPI Rwy 07, Rwy 14 and Rwy 32; VASI Rwy 25; MIRL Rwy 07-25 and Rwy 14-32—CTAF. Rwy 07 PAPI U/S. Rwy 14 PAPI U/S.

NOISE: Noise abatement procs in efct ctc amgr at 401-691-2265. Arpt lctd in noise sensitive area. Populated areas to the S & W should be avoided.

AIRPORT REMARKS: Attended 1300-2200Z Sun-Sat Jun-Sep, 1300-2100Z Sun-Sat Oct-May. Parachute Jumping. Deer and birds on and invof arpt. Self svc 100LL avbl 24 hrs. Gldrs opr fm arpt on intrmnt basis. Hel tours & banner tow ops on airfield blw 1000 ft alg southern coast of Rhode Island. For after hrs terminal apron access ctc arpt manager 401-691-2265. Rwy 07-25 is the preferred calm wind rwy. Rwy conds may not be mnt or rptd when AP is unatndd. Ctc RI AP Corporation Ops 401-691-2265. Rwy 07-25 uneven pavement approximately 1,000' from AER 25 thld. Ctc arpt manager 401-691-2265. Rwy 07 tempo dthr 375 ft. Rwy 14 tempo dthr 595 ft. Rwy 07-25 nmrs cracks full len. Rwy 14-32 nmrs cracks full len. Overnight parking fee. Ldg fee for commercial and non Rhode Island registered acft.

AIRPORT MANAGER: 401-691-2265

WEATHER DATA SOURCES: ASOS 132.375 (401) 596-9543.

COMMUNICATIONS: CTAF/UNICOM 123.0

Ⓡ **PROVIDENCE APP/DEP CON** 119.45 (South of ORW) (Sun-Fri 1030-0530Z, Sat 1030-0500Z) other times ctc **BOSTON CENTER APP/DEP CON** 124.85

CLEARANCE DELIVERY PHONE: For CD ctc Providence Apch at 401-738-8945, when Apch clsd ctc Boston ARTCC at 603-879-6859.

RADIO AIDS TO NAVIGATION: NOTAM FILE GON.

GROTON (T) VORW/DME 110.85 GON Chan 45(Y) N41°19.82' W72°03.12' 098° 11.3 NM to fld. 9/14W.

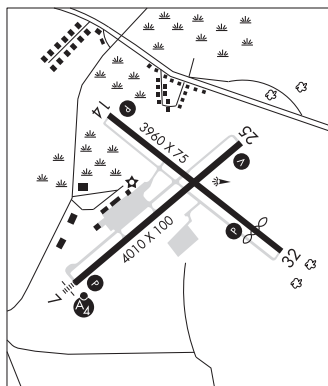
VOR portion unusable:

241°-265° blo 5,000'

DME unusable:

355°-019° blo 3,000'

LOC/DME 108.9 I-RLS Chan 26 Rwy 07. LOC unmonitored.



BARRE/MONTPELIER**EDWARD F KNAPP STATE** (MPV)(KMPV) 3 W UTC-5(-4DT) N44°12.21' W72°33.73'**MONTRÉAL**

1166 B NOTAM FILE MPV MON Airport

H-11D, 12K, L-32G

RWY 17-35: H5000X100 (ASPH) S-31, D-70, 2S-88 MIRL

IAP

1.5% up S

RWY 17: MALSR. PAPI(P4L)—GA 3.0° TCH 46'. Trees.**RWY 35:** REIL. Thld dspcd 502'. Trees.**RWY 05-23:** H3001X75 (ASPH) S-30, D-46 MIRL 1.0% up SW**RWY 05:** Trees.**SERVICE:** S4 **FUEL** 100LL, JET A+ **LGT** ACTIVATE MIRL Rwy 17-35 and MALSR Rwy 17—CTAF.**AIRPORT REMARKS:** Attended 1300-2200Z±. Fld condition report may not be avbl and/or current at ngt. Rwy conditions may not be monitored or reported when the arpt is unattended. 70' tree, 393' right of centerline and 1545' from Rwy 35 end. 50' tree, 332' left of centerline and 393' from Rwy 17 end. Cold temperature airport. Altitude correction required at or below -20C.**AIRPORT MANAGER:** 802-585-5586**WEATHER DATA SOURCES:** ASOS 132.675 (802) 229-2037.**COMMUNICATIONS:** CTAF/UNICOM 122.8**MONTPELIER RCO** 122.2 (BURLINGTON RADIO)**MONTPELIER RCO** 122.6 (BURLINGTON RADIO)Ⓡ **BOSTON CENTER APP/DEP CON** 135.7**CLEARANCE DELIVERY PHONE:** For CD if una to ctc on FSS freq, ctc Boston ARTCC at 603-879-6859 .**AIRSPACE:** CLASS E.**RADIO AIDS TO NAVIGATION:** NOTAM FILE MPV.**MONTPELIER (VL) (DH) VOR/DME** 116.9 MPV Chan 116 N44°05.13' W72°26.96' 342° 8.6 NM to fld. 2086/16W.

VOR unusable:

010°-020° byd 25 NM blo 7,500'

015°-031° byd 40 NM

032°-042° byd 40 NM blo 5,000'

032°-042° byd 65 NM

043°-060° byd 40 NM

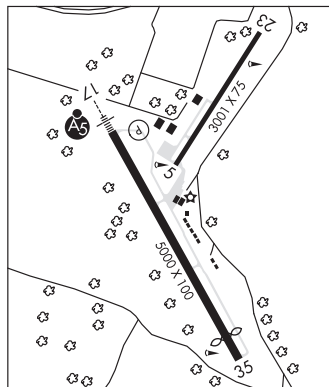
045°-060° byd 24 NM blo 8,500'

170°-182° byd 40 NM

210°-275° byd 40 NM

DME unusable:

045°-060° byd 24 NM blo 8,500'

ILS/DME 108.7 I-MPV Chan 24 Rwy 17. Class IA. DME unmonitored. Localizer unusable byd 28° right of course.**COMM/NAV/WEATHER REMARKS:** UNICOM base station not manned continuously.**BASIN HARBOR** (See VERGENNES on page 335)

BENNINGTON**WILLIAM H MORSE STATE** (DDH)(KDDH) 3 W UTC-5(-4DT) N42°53.48' W73°14.78'NEW YORK
L-32G, 33B, 34J
IAP

827 B NOTAM FILE DDH

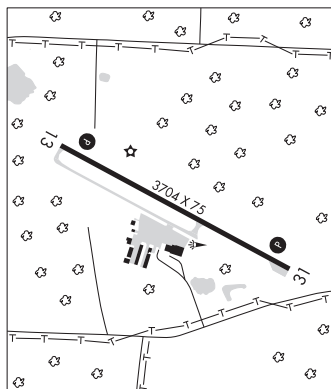
RWY 13-31: H3704X75 (ASPH) S-12.5 MIRL 0.9% up SE**RWY 13:** REIL. PAPI(P4L)—GA 4.0° TCH 45'. Hill.**RWY 31:** REIL. PAPI(P4R)—GA 4.0° TCH 45'. Ground. Rgt tfc.**SERVICE:** S4 **FUEL** 100LL, JET A **OX** 3 **LGT** ACTVT REIL Rwy 13 and 31; PAPI Rwy 13 and 31; MIRL Rwy 13-31—CTAF.**NOISE:** Noise Abatement procedures in effect. Avoid overflying homes SE of arpt. Noise sensitive area AER 31. Preferred use rwy is Rwy 13. If practical acft departing Rwy 13 use best climb rate and when above 400' AGL turn left within 1 mile of departure end of Rwy 13.**AIRPORT REMARKS:** Attended Mon-Fri 1300-2100Z. Sat-Sun on call.

Geese on and in/ov arpt. Rwy 13 thld hazardous bird activity. For arpt attendance call 1-802-442-5503 or 1-802-595-5830 for on-call svcs only. Rwy conditions may not be monitored or reported when the arpt is unattended. 100LL self-svc avbl 24 hrs. Mountains all quadrants. Tfc pat ops prohibited S of Rwy 13 and Rwy 31. Cold temperature airport. Altitude correction required at or below -14C.

AIRPORT MANAGER: 802-585-5586**WEATHER DATA SOURCES:** ASOS 135.925 (802) 442-6059.**COMMUNICATIONS:** CTAF/UNICOM 122.8® **ALBANY APP/DEP CON** 132.825**GCO** 121.725 (BTV CD and FLIGHT SERVICES. OTS INDEFLY)**CLEARANCE DELIVERY PHONE:** For CD ctc Albany Apch at 518-862-2299.**RADIO AIDS TO NAVIGATION:** NOTAM FILE BTV.**CAMBRIDGE (L) (L) VORW/DME** 115.0 CAM Chan 97 N42°59.66' W73°20.64' 159° 7.5 NM to fld. 1490/14W.

DME portion unusable:

040°-130° blo 9,000'



BURLINGTON

PATRICK LEAHY BURLINGTON INTL (BTV)(KBTV) P (ANG ARNG) 3 E UTC-5(-4DT) N44°28.32'

MONTREAL
H-11C, 12K, L-32G
IAP, AD

W73°09.20'

335 B AOE Class I, ARFF Index B NOTAM FILE BTV

RWY 15-33: H8319X150 (ASPH-CONC-GRVD) S-100, D-175, 2S-175, 2D-355 PCN 39 F/A/X/T HIRL

RWY 15: MALSR. PAPI(P4R)—GA 3.0° TCH 51'. RVR-TR Trees. 0.6% up.

RWY 33: MALSF. PAPI(P4R)—GA 3.2° TCH 53'. RVR-TR Thld dsplcd 500'. Trees.

RWY 01-19: H4112X75 (ASPH) S-30, D-40, 2D-60 PCN 23 F/A/X/T MIRL

RWY 01: PAPI(P4L)—GA 4.0° TCH 27'. Thld dsplcd 225'. Tree.

RWY 19: PAPI(P4R)—GA 3.5° TCH 47'. Thld dsplcd 500'.

LAND AND HOLD—SHORT OPERATIONS

LDG RWY	HOLD—SHORT POINT	AVBL LDG DIST
RWY 01	15-33	2600
RWY 15	TXY A	3600
RWY 33	01-19	2900

RUNWAY DECLARED DISTANCE INFORMATION

RWY 01: TORA-3611	TODA-3611	ASDA-3611	LDA-3386
RWY 15: TORA-7820	TODA-7820	ASDA-7820	LDA-7820
RWY 19: TORA-4111	TODA-4111	ASDA-4111	LDA-3386
RWY 33: TORA-8320	TODA-8320	ASDA-8320	LDA-7820



ARRESTING GEAR/SYSTEM

RWY 15 TYPE H/BAK-12A (B) 1499 FT.

TYPE H/BAK-12A (B) 1500 FT. **RWY 33**

SERVICE: S4 **FUEL** 100LL, JET A **OX** 1, 3 **LGT** Dusk-Dawn. ACTVT MALSR Rwy 15; MALSF Rwy 33; PAPI Rwy 01 and 15; MIRL Rwy 01-19; HIRL Rwy 15-33; all twys—CTAF. PAPI Rwy 19 and 33 opr consly. NSTD twy lgts on Twy E.

MILITARY—A-GEAR - Type H/BAK-12A(B) AER 33 lctd 1000 ft fm dthr. Rwy 15 & Rwy 33 A-G housings are non-frangible (26 in abv grd level) lctd 250 ft fm rwy cntnln. **JASU** 5(MD-4) 9(M32A-60) **FUEL** J8(Mil) 100LL, A **FLUID** SP LOX OIL 0-133-148(Mil) SOAP.

AIRPORT REMARKS: Attended continuously. Birds & deer on & invof arpt. FBO clsd 0700-1400Z \ddagger dly, exc 1 hr PPR 802-863-3626. Fighter acft rstd to tkf window of Mon-Sat 1330-0330Z \ddagger , Sun 1700-0330Z \ddagger . Caution: generating plant 2 NM from AER 15 produces steam which may obscure visibility on final apch. CAUTION: Phase II wildlife actvy durg migration, Mar-May and Aug 15-Nov 15. Acr ramp not avbl for pvt & chtr acft. Twy A btn Twy G and Twy C clsd to acft wingspan more than 118 ft exc 1 hr PPR 802-316-6014 dly. Twy L CLSD to acft over 60,000 lbs. Twy K CLSD to acft wingspan more than 49' and acft more than 12,500 lbs. Twys D, E, F and N clsd to civilian ops. Twys D, E, F, N, ANG and RNG ramps have unctl vehicle and acft. Twy M avbl for seasonal use, clsd drg winter months. ANG: Opr 1030-2100Z \ddagger weekdays, exc hol, clsd Sat-Mon. PPR for fuel/prkg, ctc ANG ops DSN 220-5213/5920/5267 C802-660-5213. All tsnt acft enr Ethan Allen trng site and R6501A must stop at AASF for rqr safety brief. ARFF avbl 24 hrs a day. A-Gear Type H/BAK-12A(B) AER 33 lctd 1000 ft fm dthr. Type H/BAK 12A(B) cable raised by twr on pilot req only. Fighter acft no low apchs. All other mil acft ltd to 2 practice apchs. Do not fly over hospital aprxly 1.5 NM west of Rwy 15 apch end. Rwy 01-19 south of Rwy 15-33 int to Twy C, single wheel 100, dual tandem wheel 355, south of Twy C int to south end of rwy, single wheel 30, dual wheel 60. Cold temperature airport. Altitude correction required at or below -10C. Ldg fee. Fee for itinerant acft greater than 6000 lbs. Beta Helipad pvt use only. Twy G btn J and valley ramp clsd to acft wingspan gtr than 156'.

AIRPORT MANAGER: 802-863-2874

CONTINUED ON NEXT PAGE

CONTINUED FROM PRECEDING PAGE

WEATHER DATA SOURCES: ASOS 123.8 (802) 657-4490.

COMMUNICATIONS: ATIS 123.8 (802-657-4424) CTAF 118.3 UNICOM 122.95

RCO 122.2 (BURLINGTON RADIO)

Ⓡ APP/DEP CON 121.1 (1030-0500Z‡)

Ⓡ BOSTON CENTER APP/DEP CON 120.35 (0500-1030Z‡)

TOWER 118.3 (1030-0500Z‡) GND CON 126.3 CLNC DEL 119.15 ANG OPS 134.1 41.2

CLEARANCE DELIVERY PHONE: For CD if twr clsd & una to ctc FSS freq, ctc Boston ARTCC at 603-879-6859.

AIRSPACE: CLASS C svc ctc APP CON svc 1030-0500Z‡; other times CLASS E.

VOR TEST FACILITY (VOT) 109.0

RADIO AIDS TO NAVIGATION: NOTAM FILE BTV.

BURLINGTON (VL) (L) VORW/DME 117.5 BTV Chan 122 N44°23.83' W73°10.96' 031° 4.7 NM to fld. 417/15W.

VOR unusable:

030°-086° byd 40 NM

075°-132° byd 30 NM blo 9,000'

087°-097° byd 40 NM blo 9,000'

087°-097° byd 49 NM

098°-169° byd 40 NM

133°-165° byd 30 NM blo 8,000'

170°-180° byd 40 NM blo 5,800'

170°-180° byd 47 NM

181°-196° byd 40 NM

244°-292° byd 40 NM

340°-010° byd 40 NM

DME unusable:

075°-132° byd 30 NM blo 9,000'

133°-165° byd 30 NM blo 8,000'

BURLINGTON (L) TACAN Chan 71 BJA (112.4) N44°28.62' W73°09.41' at fld. 308/15W.

TACAN AZIMUTH unusable:

010°-139°

140°-160° byd 29 NM

205°-208°

DME unusable:

010°-139°

140°-160° byd 29 NM

161°-227°

350°-009°

HERRO NDB (LOMW) 382 BT N44°31.94' W73°14.97' 146° 5.5 NM to fld. 130/15W.

ILS/DME 110.3 I-BTV Chan 40 Rwy 15. Class IB. LOM HERRO NDB. Unmonitored when ATCT clsd. LOC unusable byd 28° right of course.

ILS/DME 110.3 I-VOE Chan 40 Rwy 33. Class IA. LOC unusable byd 10 NM blo 2,700' LOC unusable byd 13 NM blo 4,700' Unmonitored when ATCT clsd.

CALEDONIA CO (See LYNDONVILLE on page 330)

DEERFIELD VALLEY RGNL (See WEST DOVER on page 336)

EDWARD F KNAPP STATE (See BARRE/MONTPELIER on page 325)

FRANKLIN CO STATE (See HIGHGATE on page 329)

HARTNESS STATE (SPRINGFIELD) (See SPRINGFIELD on page 334)

HERRO N44°31.94' W73°14.97' NOTAM FILE BTV.

MONTREAL

NDB (LOMW) 382 BT 146° 5.5 NM to Patrick Leahy Burlington Intl. 130/15W.

HIGHGATE

FRANKLIN CO STATE (FSO)(KFSO) 3 W UTC-5(-4DT) N44°56.42' W73°05.85'

MONTREAL

228 B LRA NOTAM FILE BTV

L-32G

RWY 01-19: H3001X60 (ASPH) S-12.5 MIRL

IAP

RWY 01: REIL. PAPI(P2L)—GA 4.0° TCH 40'. Trees.

RWY 19: REIL. Trees.

SERVICE: S4 **FUEL** 100LL, JET A1+ **LGT** Dusk-dawn. Actvt REIL Rwy 01 and 19; PAPI Rwy 01; MIRL Rwy 01-19—CTAF.

AIRPORT REMARKS: Attended Nov-Mar 1330-2200Z†, Apr-Oct 1230-2200Z†. Seagulls invof arpt. Fuel avbl 24 hrs self-serve. Aft hrs self-serve fuel kiosk does not acpt Mastercard. Military equipment may be near the rwy. Rwy conditions may not be monitored or reported when the arpt is unattended.

AIRPORT MANAGER: 802-585-5586

WEATHER DATA SOURCES: AWOS-3 119.025 (802) 868-9941.

COMMUNICATIONS: CTAF/UNICOM 122.8

Ⓡ **BURLINGTON APP/DEP CON** 121.1 (1030-0500Z†)

Ⓡ **BOSTON CENTER APP/DEP CON** 120.35 (0500-1030Z†)

CLEARANCE DELIVERY PHONE: For CD ctc Burlington Apch at 802-657-4413, when Apch clsd ctc Boston ARTCC at 603-879-6859.

RADIO AIDS TO NAVIGATION: NOTAM FILE BTV.

BURLINGTON (VL) (L) VORW/DME 117.5 BTV Chan 122 N44°23.83' W73°10.96' 021° 32.8 NM to fld. 417/15W.

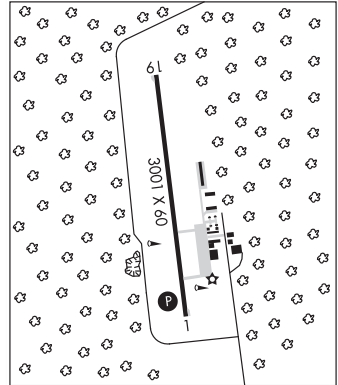
VOR unusable:

- 030°-086° byd 40 NM
- 075°-132° byd 30 NM blo 9,000'
- 087°-097° byd 40 NM blo 9,000'
- 087°-097° byd 49 NM
- 098°-169° byd 40 NM
- 133°-165° byd 30 NM blo 8,000'
- 170°-180° byd 40 NM blo 5,800'
- 170°-180° byd 47 NM
- 181°-196° byd 40 NM
- 244°-292° byd 40 NM
- 340°-010° byd 40 NM

DME unusable:

- 075°-132° byd 30 NM blo 9,000'
- 133°-165° byd 30 NM blo 8,000'

COMM/NAV/WEATHER REMARKS: YJN VORTAC is in Canada-check Montreal QB (YUL) NOTAMS for outages or restrictions.



ISLAND POND

JOHN H BOYLAN STATE (ISLAND POND) (5B1) 3 SE UTC-5(-4DT) N44°47.40' W71°49.59'

MONTREAL

1194 NOTAM FILE BTV

RWY 14-32: 2650X120 (TURF) 0.8% up NW

RWY 14: Trees.

RWY 32: Trees.

AIRPORT REMARKS: Unattended. Ski ops in winter. Rwy 14-32 thlds marked with yellow cones.

AIRPORT MANAGER: 802-585-5586

COMMUNICATIONS: CTAF/UNICOM 122.9

CLEARANCE DELIVERY PHONE: For CD ctc Boston ARTCC at 603-879-6859.

JOHN H BOYLAN STATE (ISLAND POND) (See ISLAND POND on page 329)

LYNDONVILLE

CALEDONIA CO (CDA)(KCDA) 3 N UTC-5(-4DT) N44°34.15' W72°01.08'

1188 B TPA-2200(1012) NOTAM FILE BTV

RWY 02-20: H3302X60 (ASPH) S-12.5 MIRL 0.3% up N

RWY 02: REIL. Trees.

RWY 20: Trees.

SERVICE: FUEL 100LL LGT ACTVT REIL Rwy 02; MIRL Rwy

02-20-CTAF. ACTIVATE arpt rotating bcn-CTAF.

AIRPORT REMARKS: Attended Jan-Dec Mon-Fri 1200-2030Z±. Deer and wildlife on and in/ov arpt. Bald eagles roosting in/ov compost opn located 600' E of Rwy 20 thr year-around. Self-svc fuel 24 hrs with major credit card. After hrs self-serve fuel kiosk does not accept Mastercard. Rwy conditions may not be monitored or reported when the arpt is unattended. Rising terrain 600' from thld of Rwy 02. Rwy 02-20 pavement has numerous sealed, large diameter transverse cracks. For emergency acct maintenance call 802-334-5001. Bring own rope tiedowns.

AIRPORT MANAGER: 802-585-5586

WEATHER DATA SOURCES: AWOS-3 119.275 (802) 626-4532.

COMMUNICATIONS: CTAF/UNICOM 122.8

Ⓡ **BOSTON CENTER APP/DEP CON** 135.7

CLEARANCE DELIVERY PHONE: For CD ctc Boston ARTCC at 603-879-6859.

RADIO AIDS TO NAVIGATION: NOTAM FILE MPV.

MONTPELIER (VL) (DH) VORW/DME 116.9 MPV Chan 116 N44°05.13' W72°26.96' 048° 34.5 NM to fld.

2086/16W.

VOR unusable:

010°-020° byd 25 NM blo 7,500'

015°-031° byd 40 NM

032°-042° byd 40 NM blo 5,000'

032°-042° byd 65 NM

043°-060° byd 40 NM

045°-060° byd 24 NM blo 8,500'

170°-182° byd 40 NM

210°-275° byd 40 NM

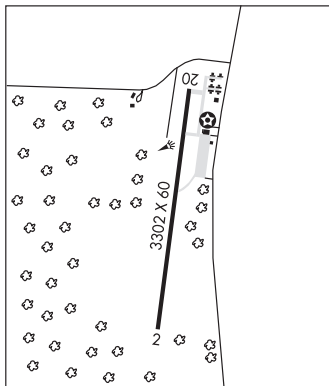
DME unusable:

045°-060° byd 24 NM blo 8,500'

MONTREAL

L-32H

IAP



MIDDLEBURY STATE (6BØ) 3 SE UTC-5(-4DT) N43°59.19' W73°05.73'

NEW YORK

494 TPA—See Remarks NOTAM FILE BTV

L-32G

RWY 01-19: H3206X60 (ASPH) S-12.5

RWY 01: Thld dsplcd 141'.

RWY 19: Trees. Rgt tfc.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 01: TORA-3206 TODA-3206 ASDA-3206 LDA-3065

RWY 19: TORA-3065 TODA-3065 ASDA-3206 LDA-3065

SERVICE: S4 FUEL 100LL

AIRPORT REMARKS: Attended Mon-Fri 1300Z†-dusk. Ultralight and AG acft activity on and infov arpt. Self-svc fuel with credit card. High hills east of arpt. PAJA on wkends—mnt NOTAMS for times. No In of sight btn rwy ends. Rwy conds may not be mnt or rprtd when the arpt is unatndd. TPA—1304(810) single engine, 1504(1010) multi-engine.

AIRPORT MANAGER: 802-585-5586

WEATHER DATA SOURCES: AWOS-3 118.575 (802) 388-0255.

COMMUNICATIONS: CTAF/UNICOM 122.8

CLEARANCE DELIVERY PHONE: For CD ctc Burlington Apch at 802-657-4414, when Apch clsd ctc Boston ARTCC at 603-879-6859.

RADIO AIDS TO NAVIGATION: NOTAM FILE BTV.

BURLINGTON (VL) (L) VOR/DME 117.5 BTV Chan 122 N44°23.83' W73°10.96' 186° 24.9 NM to fld. 417/15W.

VOR unusable:

030°-086° byd 40 NM

075°-132° byd 30 NM blo 9,000'

087°-097° byd 40 NM blo 9,000'

087°-097° byd 49 NM

098°-169° byd 40 NM

133°-165° byd 30 NM blo 8,000'

170°-180° byd 40 NM blo 5,800'

170°-180° byd 47 NM

181°-196° byd 40 NM

244°-292° byd 40 NM

340°-010° byd 40 NM

DME unusable:

075°-132° byd 30 NM blo 9,000'

133°-165° byd 30 NM blo 8,000'

MONTPELIER N44°05.13' W72°26.96' NOTAM FILE MPV.

MONTREAL

(VL) (DH) VOR/DME 116.9 MPV Chan 116 342° 8.6 NM to Edward F Knapp State. 2086/16W.

L-32G

VOR unusable:

010°-020° byd 25 NM blo 7,500'

015°-031° byd 40 NM

032°-042° byd 40 NM blo 5,000'

032°-042° byd 65 NM

043°-060° byd 40 NM

045°-060° byd 24 NM blo 8,500'

170°-182° byd 40 NM

210°-275° byd 40 NM

DME unusable:

045°-060° byd 24 NM blo 8,500'

RCO 122.2 (BURLINGTON RADIO)

RCO 122.6 (BURLINGTON RADIO)

MORRISVILLE—STOWE STATE (MVL)(KMVL) 2 SW UTC-5(-4DT) N44°32.06' W72°36.84'

MONTREAL
L-32G
IAP

733 B NOTAM FILE MVL

RWY 01-19: H3700X75 (ASPH) S-25 PCN 12 F/A/X/T HIRL

0.5% up N

RWY 01: REIL. P-line.

RWY 19: REIL. PAPI(P2L)—GA 3.5° TCH 31'.

SERVICE: LGT ACTIVATE REIL Rwy 01 and Rwy 19, PAPI Rwy 19, HIRL Rwy 01-19—CTAF.

AIRPORT REMARKS: Unattended. Rwy conds may not be mnt or rptd when the arpt is unatndd. Rwy 01 gldr ops R t/c. 3 ft swales mid 1/3 of rwy on E & W sides outside of rwy safety area. Cold temperature airport.

Altitude correction required at or below -20C.

AIRPORT MANAGER: 802-585-5586

WEATHER DATA SOURCES: ASOS 135.625 (802) 888-7934.

COMMUNICATIONS: CTAF/UNICOM 122.8

Ⓡ **BOSTON CENTER APP/DEP CON** 135.7

CLEARANCE DELIVERY PHONE: For CD ctc Boston ARTCC at 603-879-6859.

RADIO AIDS TO NAVIGATION: NOTAM FILE BTV.

BURLINGTON (VL) (L) VORW/DME 117.5 BTV Chan 122 N44°23.83' W73°10.96' 086° 25.8 NM to fld. 417/15W.

VOR unusable:

030°-086° byd 40 NM

075°-132° byd 30 NM blo 9,000'

087°-097° byd 40 NM blo 9,000'

087°-097° byd 49 NM

098°-169° byd 40 NM

133°-165° byd 30 NM blo 8,000'

170°-180° byd 40 NM blo 5,800'

170°-180° byd 47 NM

181°-196° byd 40 NM

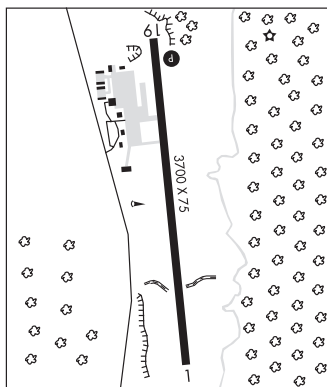
244°-292° byd 40 NM

340°-010° byd 40 NM

DME unusable:

075°-132° byd 30 NM blo 9,000'

133°-165° byd 30 NM blo 8,000'



NEWPORT

NORTHEAST KINGDOM INTL (EFK)(KEFK) 3 SW UTC-5(-4DT) N44°53.29' W72°13.72'

MONTREAL
H-11D, L-32H
IAP

934 B LRA NOTAM FILE BTV

RWY 18-36: H5301X100 (ASPH) S-30, D-44 PCN 33 F/D/X/T MIRL

RWY 18: REIL. PAPI(P4L)—GA 3.0° TCH 43'. Thld dspclcd 299'.

RWY 36: REIL. PAPI(P4L)—GA 3.0° TCH 44'. Pole.

RWY 05-23: H3996X100 (ASPH) S-30, D-44

RWY 05: Trees.

RWY 23: Pole.

SERVICE: S4 FUEL 100LL, JET A+ LGT ACTVT PAPI Rwy 18 and 36; MIRL Rwy 18-36—CTAF.

AIRPORT REMARKS: Attended 1400-2200Z±. Fuel 24/7 self serve. Mobile fuel vehicle when attended. Rwy conditions may not be monitored or reported when the arpt is unattended. Gulls on and in vicinity of arpt. Cold temperature airport. Altitude correction required at or below -32C.

AIRPORT MANAGER: 802-585-5586

WEATHER DATA SOURCES: AWOS-3P 118.275 (802) 334-4427.

COMMUNICATIONS: CTAF/UNICOM 122.8

NEWPORT RCO 122.5 (BURLINGTON RADIO)

Ⓡ **BOSTON CENTER APP/DEP CON** 135.7

CLEARANCE DELIVERY PHONE: For CD ctc Boston ARTCC at 603-879-6859.

RADIO AIDS TO NAVIGATION: NOTAM FILE BML.

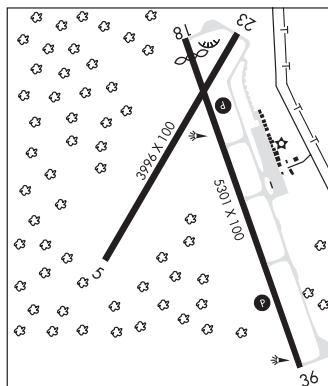
BERLIN (H) DME 116.55 BML Chan 112(Y) N44°38.01' W71°11.17' 289° 47.1 NM to fld. 1730.

DME unusable:

080°-125° blo 10,000'

188°-198° blo 10,000'

275°-292° blo 10,000'



NORTHEAST KINGDOM INTL (See NEWPORT on page 332)

PATRICK LEAHY BURLINGTON INTL (See BURLINGTON on page 327)

POST MILLS (2B9) 0 E UTC-5(-4DT) N43°53.02' W72°15.13'

NEW YORK

696 NOTAM FILE BTV

RWY 04-22: 2900X80 (TURF)

RWY 04: Trees. Rgt tfc.

RWY 22: Road.

RWY 05-23: 2300X80 (TURF) 0.8% up NE

RWY 05: Trees. Rgt tfc.

RWY 23: Road.

SERVICE: S2

AIRPORT REMARKS: Attended irregularly. Ultralights; gliders and hot air balloons on and invof arpt. Trees 200' from end of Rwy 22 and 23. 60' trees directly adjacent to runway edge, left. Uniform width and length of Runways 05-23 is 2,200' 80'.

Non-std turf cones placement—do not use delineate actual thlds—all rwy. Acft ops counts unavailable. No snow removal.

Arpt open to ski acft only when snow covered. Call 802-333-9254 for info. Propane avbl for hot air balloons.

AIRPORT MANAGER: 802-333-9254

COMMUNICATIONS: CTAF/UNICOM 122.8

CLEARANCE DELIVERY PHONE: For CD ctc Boston ARTCC at 603-879-6859.

RUTLAND/SOUTHERN VERMONT RGNL (RUT)(KRUT) 5 S UTC-5(-4DT) N43°31.78'

NEW YORK

W72°56.98'

H-11D, 12K, L-32G

787 B Class IV, ARFF Index A NOTAM FILE RUT

IAP

RWY 01-19: H5304X100 (ASPH-GRVD) S-40, D-68, 2S-86

PCN 30 F/D/X/U MIRL

RWY 01: PVASI(PSIR)—GA 3.5° TCH 17'. Thld dsplcd 300'. Hill.

RWY 19: MALSR. PAPI(P4L)—GA 3.2° TCH 55'. Rgt tfc.

RWY 13-31: H3169X75 (ASPH) S-30 PCN 5 F/D/X/U MIRL

RWY 13: REIL. Road.

RWY 31: Trees.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 01: TORA-5303 TODA-5303 ASDA-5303 LDA-5003

RWY 19: TORA-5003 TODA-5003 ASDA-5003 LDA-5003

SERVICE: S4 FUEL 100LL, JET A LGT ACTVT MALSR Rwy 19; REIL

Rwy 13; MIRL Rwy 01-19 and 13-31—CTAF. Rwy end 01: VGSJ

OTS UFN.

NOISE: Noise sensitive area SE of arpt ctc amgr.

AIRPORT REMARKS: Attended 1200-0100Z±. Birds on and invof arpt. For

aft hrs svc call 802-773-3348. Rwy conditions may not be

monitored or reported when the arpt is unattended. Rwy 13-31 not

avbl for skeed acr ops (ldgs and tkof) more than 9 pax seats or

unsked acr ops at least 31 pax seats. Avbl for acr ops taxi only. Clsd

to unsked acr ops with more than 9 pax seats exc 48 hr PPR, call

amgr 802-786-8881. Use Twy A to taxi to or from AER 01 or 19. Twy C connects main aprn with Twy A. Acft with wing

spans exceeding 79 ft auzd to use Twy H & Twy B east of Rwy 01-19 & Rwy 13-31 for tax & Rwy 01 & 19 for tkof &

ldg. Type I and type IV deicing avbl. Cold temperature airport. Altitude correction required at or below -8C. Ldg fees may

apply for coml acft.

AIRPORT MANAGER: 802-585-5586

WEATHER DATA SOURCES: AWOS-3PT 118.375 (802) 747-3044.

COMMUNICATIONS: CTAF/UNICOM 122.8

RCO 122.3 (BURLINGTON RADIO)

® **BOSTON CENTER APP/DEP CON** 135.7

CLEARANCE DELIVERY PHONE: For CD ctc Boston ARTCC at 603-879-6859.

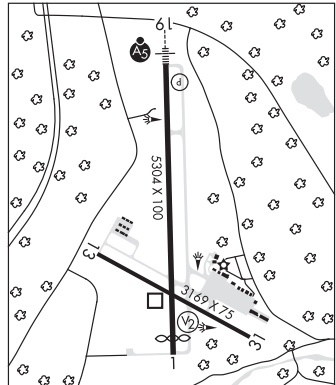
RADIO AIDS TO NAVIGATION: NOTAM FILE RUT.

SMUTO NDB (MHW) 221 DYO N43°42.37' W72°57.40' 193° 10.6 NM to fld. 1138/15W.

NDB unusable:

351°-189° byd 15 NM

ILS/DME 111.7 I-RUT Chan 54 Rwy 19. Class IA. Glideslope unusable byd 4.00° right of course.



SHELburnE (VT8) 2 S UTC-5(-4DT) N44°21.62' W73°13.58'

MONTREAL

325 NOTAM FILE BTV

RWY 01-19: 3077X60 (TURF)**RWY 01:** Trees.**RWY 19:** Trees.**SERVICE:** S4 **FUEL** MOGAS**AIRPORT REMARKS:** Attended daylight hours. No line of sight btn rwy ends. For rwy cond-AMGR.**AIRPORT MANAGER:** 802-985-2100**COMMUNICATIONS:** CTAF/UNICOM 122.8**CLEARANCE DELIVERY PHONE:** For CD ctc Burlington Apch at 802-657-4413, when Apch clsd ctc Boston ARTCC at 603-879-6859.**SMUTO** N43°42.37' W72°57.40' NOTAM FILE RUT.

NEW YORK

NDB (MHW) 221 DYO 193° 10.6 NM to Rutland/Southern Vermont Rgnl. 1138/15W.

L-32G

NDB unusable:

351°-189° byd 15 NM

SPRINGFIELD**HARTNESS STATE (SPRINGFIELD)** (VSF)(KVSF) 3 NW UTC-5(-4DT) N43°20.62' W72°31.04'

NEW YORK

578 B TPA—See Remarks NOTAM FILE VSF

H-11D, 12K, L-32G

RWY 05-23: H5501X100 (ASPH) S-32, D-45 MIRL 0.3% up SW

IAP

RWY 05: REIL. VASI(V4L)—GA 4.0° TCH 59'. Trees.**RWY 23:** Trees.**RWY 11-29:** H3000X75 (ASPH) S-30 MIRL 0.3% up W**RWY 11:** Trees.**SERVICE:** S4 **FUEL** 100LL, JET A, A+ **LGT** ACTVT REIL Rwy 05; MIRL

Rwy 05-23 and 11-29—CTAF.

NOISE: Noise sensitive area west of arpt.**AIRPORT REMARKS:** Attended Jan-Dec Sun-Sat 1200-2300Z±. Geese on and invof arpt. Gliders on and invof arpt. Rwy conditions may not be monitored or reported when the arpt is unattended. Rwy 23 is preferred for day, VFR, no wind conditions. TPA—1658(1100) single engine, 2158(1600) multi-engine. Maintain recommended TPA on downwind leg for Rwy 05. Apron and Twys A and B pavement capacity is S-46, D-62. Cold temperature airport. Altitude correction required at or below -20C.**AIRPORT MANAGER:** 802-585-5586**WEATHER DATA SOURCES:** ASOS 121.425 (802) 886-6006.**COMMUNICATIONS:** CTAF/UNICOM 122.8

SPRINGFIELD RCO 122.5 (BURLINGTON RADIO)

BOSTON CENTER APP/DEP CON 134.7

CLEARANCE DELIVERY PHONE: For CD if una to ctc on FSS freq, ctc Boston ARTCC at 603-879-6859.**RADIO AIDS TO NAVIGATION:** NOTAM FILE LEB.**LEBANON (L) DME** 113.7 LEB Chan 84 N43°40.73' W72°12.96' 213° 24.0 NM to fld. 1443.

DME unusable:

045°-075° byd 36 NM blo 10,000'

091°-119° byd 30 NM blo 7,500'

161°-304° byd 30 NM blo 6,300'

LOC/DME 111.3 I-VSF Chan 50 Rwy 05. LOC/DME unmonitored. DME unusable byd 11 NM blw 3,500'; byd 20° r of course.

VERGENNES**BASIN HARBOR** (B06) 4 NW UTC-5(-4DT) N44°11.50' W73°21.52'**MONTREAL**

124 NOTAM FILE BTV

RWY 02-20: 3000X90 (TURF)**RWY 02:** Trees.**RWY 20:** Trees.**AIRPORT REMARKS:** Attended May 15–Oct 15 SR–SS. Arpt CLOSED from late Fall to early Spring—ctc arpt manager 802-475-2311. Gliders on and invof arpt. Birds on and invof arpt. Primary surface area deficient, cluttered with 50' trees either side of south half of rwy. Rwy 20 thld outlined with orange barrels and turf cones. Rwy surface soft after heavy rain. Call for conditions.**AIRPORT MANAGER:** 802-475-2311**COMMUNICATIONS:** CTAF/UNICOM 122.8**CLEARANCE DELIVERY PHONE:** For CD ctc Burlington Apch at 802-657-4414, when Apch clsd ctc Boston ARTCC at 603-879-6859.

WARREN-SUGARBUSH (ØB7) 2 E UTC-5(-4DT) N44°07.04' W72°49.62'

MONTREAL

1470 NOTAM FILE BTV

RWY 04-22: H2575X30 (ASPH) S-8.5 0.5% up SW**RWY 04:** Trees. Rgt tfc.**RWY 22:** Trees.**SERVICE:** FUEL 100LL**AIRPORT REMARKS:** Attended May-Oct 1400-2300Z±. Arpt CLOSED Nov-Apr. Fuel self-serve only during hours airport is open.

Extensive glider activity on arpt sfc to 18,000' dalgt hrs. Occasional aerobatic activity, arpt may be CLOSED during this activity; check NOTAMS. No line of sight between rwy ends. Touch and go lds not permitted. Grass areas not authorized for taxi, tkfs and lds without first checking UNICOM or management for fld conditions.

AIRPORT MANAGER: 802-496-2290**COMMUNICATIONS:** CTAF/UNICOM 123.0**CLEARANCE DELIVERY PHONE:** For CD ctc Burlington Apch at 802-657-4414, when Apch clsd ctc Boston ARTCC at 603-879-6859.**WEST DOVER****DEERFIELD VALLEY RGNL** (4V8) 1 SW UTC-5(-4DT) N42°55.63' W72°51.94'

NEW YORK

1953 NOTAM FILE BTV

L-326, 33C

RWY 01-19: H2650X75 (ASPH) MIRL(NSTD)**RWY 01:** Trees.**RWY 19:** Trees.**SERVICE:** LGT Rwy 01-19 MIRL, NSTD alnmt.**AIRPORT REMARKS:** Unattended. Fuel avbl 24 hrs with credit card. Ldg fee.**AIRPORT MANAGER:** (802) 490-0775**COMMUNICATIONS:** CTAF/UNICOM 122.8

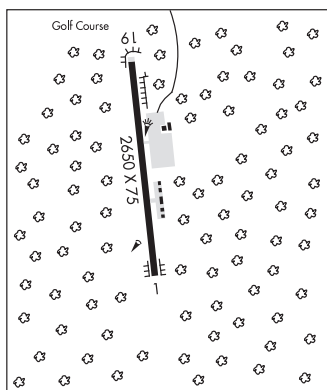
Ⓡ BOSTON CENTER APP/DEP CON 123.75

CLEARANCE DELIVERY PHONE: For CD ctc Boston ARTCC at 603-879-6859.**RADIO AIDS TO NAVIGATION:** NOTAM FILE BTV.**CAMBRIDGE (L) (L) VORW/DME** 115.0 CAM Chan 97 N42°59.66'

W73°20.64' 115° 21.5 NM to fld. 1490/14W.

DME portion unusable:

040°-130° blo 9,000'

**WILLIAM H MORSE STATE** (See BENNINGTON on page 326)

ABINGDON

VIRGINIA HIGHLANDS (VJI)(KVJI) 2 W UTC-5(-4DT) N36°41.23' W82°02.00'

CINCINNATI
L-26H
IAP

2087 B TPA-3077(990) NOTAM FILE VJI

RWY 06-24: H4471X75 (ASPH) S-30 MIRL 0.6% up NE

RWY 06: Tree.

RWY 24: ODALS. REIL. PAPI(P2L)-GA 4.0° TCH 32'. Tree.

SERVICE: S4 **FUEL** 100LL, JET A **LGT** Actvt ODALS Rwy 24; REIL Rwy 24; PAPI Rwy 24; MIRL Rwy 06-24-CTAF.

AIRPORT REMARKS: Attended 1200-0000Z†. Unattended New Years Day, July 4th, Thanksgiving, Christmas Day. Wildlife invof arpt. Ultralights on and invof arpt. For fuel after hrs, arrange before 0000Z† at 276-628-6030 or 276-274-4040. There is a fee ctc FBO. Anti-icing fuel additive avbl.

AIRPORT MANAGER: 276-628-2909

WEATHER DATA SOURCES: AWOS-3 128.125 (276) 628-2940.

COMMUNICATIONS: CTAF/UNICOM 122.8

Ⓡ **TRI CITY APP/DEP CON** 125.25 (1100-0500Z†)

Ⓡ **ATLANTA CENTER APP/DEP CON** 127.85 (0500-1100Z†)

CLEARANCE DELIVERY PHONE: When Tri Cities Apch clsd, for CD ctc Atlanta ARTCC at 770-210-7692.

RADIO AIDS TO NAVIGATION: NOTAM FILE BNA.

HOLSTON MOUNTAIN (L) (L) VORTACW 114.6 HMV Chan 93

N36°26.22' W82°07.78' O21° 15.7 NM to fld. 4321/4W.

VOR unusable:

076°-126° byd 17 NM blo 8,500'

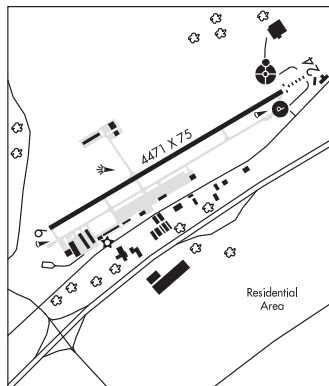
171°-178° byd 27 NM blo 10,000'

171°-178° within 27 NM blo 8,500'

260°-265° byd 36 NM blo 8,500'

LOC/DME 108.3 I-VJI Chan 20 Rwy 24. LOC unmonitored when arpt unatnrd. LOC unusable byd 30° r of course.

LOC unusable byd 20° left of course.



ACCOMACK CO (See MELFA on page 363)

ALLEN C PERKINSON BLACKSTONE AAF (BKT)(KBKT) MIL/CIV A 2 E UTC-5(-4DT) N37°04.49'

WASHINGTON
L-36H
IAP, DIAP, AD

W77°57.40'

437 B NOTAM FILE DCA

RWY 04-22: H5333X150 (CONC) PCN 51 R/B/W/T MIRL

0.7% up NE

RWY 04: Tree.

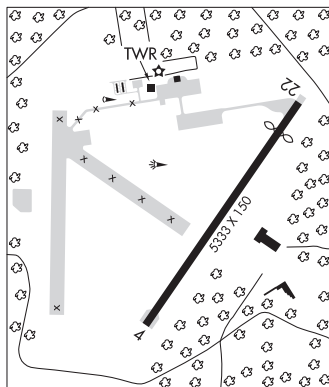
RWY 22: Thld dsplcd 700'. Tree.

SERVICE: **FUEL** 100LL, JET A **LGT** When ATCT clsd actvt MIRL Rwy 04-22-CTAF. **MILITARY— FUEL** J8 (Mil), 100LL, A, A+ —Self-svc avbl 24 hrs.

AIRPORT REMARKS: Attended Mon-Fri 1300-2300Z†. Clsd federal holidays. Parachute Jumping. Deer at times near rwy and on arpt. Ultralight activity on and around afld. No PPR rqr for civ acft. Svc: 434-292-4914, OT 434-294-7558. Self svc fuel (100LL) avbl 24 hrs; J8 (MIL) avbl 24 hrs by req. Ctc C434-294-7558. Crash/Rescue svc DSN 441-2217. Ldg Rwy 01 and tkof Rwy 19 not auth. Ctc BAAF airfield operations C434-292-8589 for PPR or dpts Fort Barfoot C434-292-2227 after hrs. Rwy 22 has 700 ft dsplcd thr. Dep acft may use dsplcd thr for tkof or tkof roll. Avoid flt blw 500 ft over ammunition supply point 1 NM S of arpt. Jet and military training within 20 NM radius. Extensive C-130 t/c and frequent parachute drops. APGU avbl during duty hours. Rwy 04 markings in poor cond. Rwy 22 rwy markings in poor cond. Dsplcd thr poor vis. Hold short line poor vis.

MILITARY REMARKS: Ctc Airfield Opns Activity Ft Pickett C434-292-8589 for PPR. **MISC** Crash/Rescue svc C434-292-2217.

AIRPORT MANAGER: 434-292-2193



CONTINUED ON NEXT PAGE

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WEATHER DATA SOURCES: ASOS 119.225 (434) 292-1400. AN/FMQ-23 owned by U.S. Army.

COMMUNICATIONS: CTAF 134.7

Ⓡ WASHINGTON CENTER APP/DEP CON 118.75 377.1

BLACKSTONE TOWER 134.7 292.7 (Mon-Fri 1300-2300Z; 1400-2200Z; first full weekend of each month exc fed hols; OT by NOTAM). GND CON 127.625

RANGE OPS 34.1 36.1 121.5 243.0

CLEARANCE DELIVERY PHONE: When ATCT clsd, for CD ctc Washington ARTCC at 703-771-3587.

AIRSPACE: CLASS D svc Mon-Fri 1300-2300Z; 1400-2200Z; first full weekend of each month exc fed hols, other times by NOTAM; other times CLASS G.

RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.

LAWRENCEVILLE (L) (L) VORTACW 112.9 LVL Chan 76 N36°49.08' W77°54.18' 358° 15.6 NM to fld. 350/8W.

VOR unusable:

090 blo 7,000'

090 byd 20 NM

091°-105°

106 blo 7,500'

106 byd 27 NM

107°-170°

171°-280° blo 6,000'

201°-325° byd 17 NM blo 9,000'

326°-089°

TACAN AZIMUTH unusable:

Blw 3,000'

VOR OTS indef

DME unusable:

Blw 3,000'

BLACKSTONE NDB (MHW) 326 BKT N37°07.65' W78°02.67' 136° 5.3 NM to fld. 418/9W.

APOLLO SOUCEK FLD (See OCEANA NAS (APOLLO SOUCEK FLD) on page 370)

ARMEL N38°56.08' W77°28.00' NOTAM FILE IAD.

(L) (L) VORW/DME 113.5 AML Chan 82 at Washington Dulles Intl. 296/8W.

VOR unusable:

055°-092° blo 4,500'

093°-115°

116°-210° blo 4,500'

DME unusable:

055°-210° byd 28 NM blo 2,500'

211°-230° byd 30 NM blo 3,000'

WASHINGTON

COPTER

H-10H, L-29E, 34E, 36I, A

BALES N36°35.41' W79°55.05' NOTAM FILE MTV.

NDB (MHW/LOM) 396 UV 304° 5.4 NM to Blue Ridge. 1089/7W. NDB unmonitored when arpt unatndd.

CINCINNATI

L-26J, 36F

BLACKSBURG

VIRGINIA TECH/MONTGOMERY EXEC (BCB)(KBCB) 3 S UTC-5(-4DT) N37°12.56'

CINCINNATI
H-10H, 12H, L-26I
IAP

W80°24.73'

2120 B TPA—See Remarks NOTAM FILE BCB

RWY 13-31: H5501X100 (ASPH-GRVD) MIRL

RWY 13: ODALS. PAPI(P4L)—GA 3.44° TCH 55'. Sign.

RWY 31: REIL. PAPI(P2L)—GA 3.0° TCH 50'. Brush.

SERVICE: FUEL 100LL, JET A+ LGT Actvt ODALS Rwy 13; REIL Rwy 31; PAPI Rwy 13 and 31; MIRL Rwy 13-31—CTAF. MIRL Rwy 13-31 preset low intst.

NOISE: Noise sensitive area north of arpt. VFR departures maintain rwy heading until reaching 1000 ft AGL.

AIRPORT REMARKS: Attended Apr-Oct 1300-0000Z†, Nov-Mar 1300-2300Z†. Unattended New Year's Day, Thanksgiving Day, Christmas Day, major holidays. Occasional wildlife on arpt. PPR for fuel when arpt unattended, phone 540-231-4444. Fee for after hrs. TPA—3120(1000) for non turbine powered acft, 3620(1500) turbine powered acft.

AIRPORT MANAGER: 540-231-4444

WEATHER DATA SOURCES: AWOS-3 133.325 (540) 231-4837.

COMMUNICATIONS: CTAF/UNICOM 123.05

Ⓡ **ROANOKE APP/DEP CON** 126.9

CLNC DEL 124.85

CLEARANCE DELIVERY PHONE: For CD ctc Roanoke Apch at 540-563-1307.

RADIO AIDS TO NAVIGATION: NOTAM FILE PSK.

PULASKI (H) (VORTACW 116.8 PSK Chan 115 N37°05.26' W80°42.77' 069° 16.2 NM to fld. 2127/6W.

DME unusable:

034°-038° byd 25 NM

135°-175° byd 25 NM blo 10,000'

200°-225° byd 10 NM

250°-350° byd 25 NM blo 10,000'

284°-286° byd 10 NM blo 10,000'

287°-316° byd 25 NM blo 10,000'

315°-335° byd 10 NM blo 10,000'

334°-033° byd 25 NM blo 10,000'

TACAN AZIMUTH unusable:

034°-038° byd 25 NM

053°-100°

135°-175° byd 25 NM blo 10,000'

200°-225° byd 10 NM

234°-283°

284°-286° byd 10 NM blo 10,000'

287°-316° byd 25 NM blo 10,000'

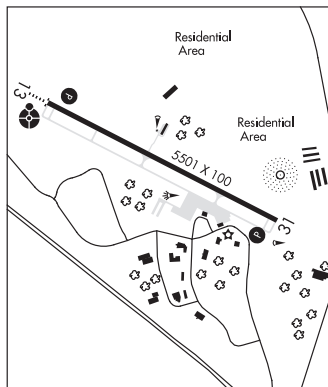
315°-335° byd 10 NM blo 10,000'

334°-033° byd 25 NM blo 10,000'

TECH NDB (MHW) 368 TEC N37°12.52' W80°24.21' at fld. 2126/8W. NOTAM FILE BCB.

LOC/DME 109.1 I-BCB Chan 28 Rwy 13. LOC/DME unmonitored when arpt unatndd.

COMM/NAV/WEATHER REMARKS: ROA twr svcs avbl at 540-563-1307.



BLUE RIDGE (See MARTINSVILLE on page 362)

BOJAR N37°15.75' W79°14.59' NOTAM FILE LYH.

CINCINNATI

NDB (MHW/LOM) 385 LY 036° 4.3 NM to Lynchburg Rgnl/Preston Glenn Fld. 804/8W. NDB unmonitored when ATCT closed.

L-26I, 36G

BRIDGEWATER AIR PARK (VBW)(KVBW) 1 SE UTC-5(-4DT) N38°22.00' W78°57.62'

WASHINGTON

1165 B NOTAM FILE DCA

L-26J

RWY 15-33: H2745X60 (ASPH) S-22 MIRL 0.3% up SE

IAP

RWY 33: Thld dsplcd 368'. Pole.

SERVICE: FUEL JET A+ LGT ACTIVATE MIRL Rwy 15-33—CTAF.

AIRPORT REMARKS: Attended Mon-Fri 1300-2200Z, Sat 1400-2100Z, and Sun 1700-2100Z. 1300' twy in line with rwy prior to Rwy 33 in addition to the displacement. PPR for US Gov ops call 540-828-6070.

AIRPORT MANAGER: 540-828-6070

WEATHER DATA SOURCES: AWOS-3 119.55 (540) 828-2076.

COMMUNICATIONS: CTAF/UNICOM 122.7

Ⓡ POTOMAC APP/DEP CON 132.85

CLEARANCE DELIVERY PHONE: For CD ctc Potomac Apch at 866-640-4124.

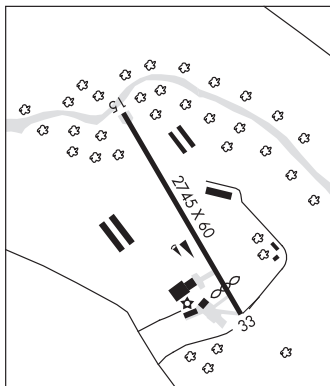
RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.

MONTEBELLO (V) (L) VOR/DME 115.3 MOL Chan 100 N37°54.03'

W79°06.41' 019° 28.8 NM to fld. 3455/5W.

DME unusable:

158°-168° byd 30 NM blo 6,000'

**BROOKE** N38°20.18' W77°21.17' NOTAM FILE DCA.

WASHINGTON

(L) (L) VORTAC 114.5 BRV Chan 92 316° 6.1 NM to Stafford Rgnl. 145/9W.

H-10H, L-29E, 34E, 36I, A

DME unusable:

011°-060° byd 20 NM

061°-120°

121°-161° byd 17 NM

162°-238°

239°-249° byd 5 NM

250°-010°

VOR unusable:

001°-360°

TACAN AZIMUTH unusable:

011°-060° byd 20 NM

061°-120°

121°-161° byd 17 NM

162°-238°

239°-249° byd 5 NM

250°-010°

RCO 122.1R 114.5T (LEESBURG RADIO)

BROOKNEAL/CAMPBELL CO (ØV4) 6 NW UTC-5(-4DT) N37°08.50' W79°00.98'

CINCINNATI

597 B NOTAM FILE DCA

L-26J, 36G

RWY 06-24: H3798X60 (ASPH) S-12.5 MIRL

IAP

RWY 06: REIL. PAPI(P2R)—GA 3.0° TCH 43'. Tree.

RWY 24: REIL. PAPI(P2L)—GA 3.0° TCH 46'. Tree.

SERVICE: LGT MIRL Rwy 06-24 preset low, to incr instst and ACTVT REIL Rwy 06 and 24—CTAF.

AIRPORT REMARKS: Unattended. Deer on and invof arpt. Ultralight activity on and invof arpt.

AIRPORT MANAGER: 240-750-0199

WEATHER DATA SOURCES: AWOS-3 120.575 (434) 283-7826.

COMMUNICATIONS: CTAF/UNICOM 122.7

Ⓡ ROANOKE APP/DEP CON 125.475 135.0

CLEARANCE DELIVERY PHONE: For CD ctc Roanoke Apch at 540-563-1307.

RADIO AIDS TO NAVIGATION: NOTAM FILE LYH.

LYNCHBURG (L) (L) VORW/DME 109.2 LYH Chan 29 N37°15.27'

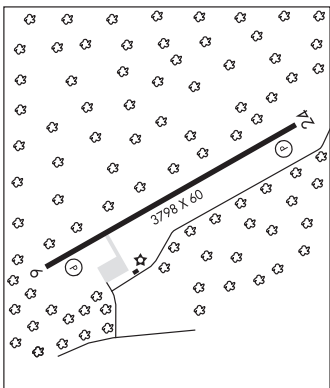
W79°14.18' 128° 12.5 NM to fld. 871/5W.

VOR unusable:

200°-210°

330°-360°

COMM/NAV/WEATHER REMARKS: ROA twr svcs avbl at 540-563-1307.

**BRUNSWICK CO** (See LAWRENCEVILLE on page 357)

BUCK'S ELBOW MOUNTAIN N38°06.25' W78°44.62'
RCD 122.2 (LEESBURG RADIO)

WASHINGTON
L-26J, 36H

BUMPASS

LAKE ANNA (7W4) 0 NW UTC-5(-4DT) N37°57.95' W77°44.75'

351 B NOTAM FILE DCA

RWY 08-26: H2558X50 (ASPH) S-6 MIRL

RWY 08: Trees.

RWY 26: Tree.

SERVICE: LGT ACTIVATE MIRL Rwy 08-26—CTAF.

AIRPORT REMARKS: Unattended. Deer on and in/ov arpt.

AIRPORT MANAGER: 804-550-5794

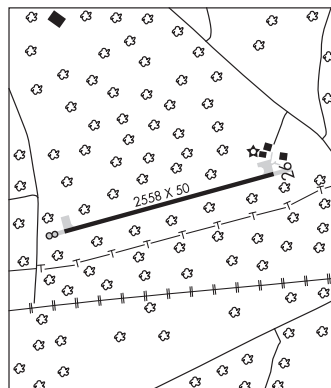
WEATHER DATA SOURCES: AWOS-3 120.775 (540) 872-0303.

COMMUNICATIONS: CTAF 122.9

Ⓡ **POTOMAC APP/DEP CON** 126.75

CLEARANCE DELIVERY PHONE: For CD ctc Potomac Apch at 866-640-4124.

WASHINGTON
L-34E, 36H
IAP



CAMP PEARY LNDG STRIP (W94) A 3 NE UTC-5(-4DT) N37°18.77' W76°38.29'

41 NOTAM FILE DCA Not insp.

RWY 05-23: H5018X151 (ASPH) LIRL

RWY 05: PAPI(P4L).

RWY 23: PAPI(P4L).

MILITARY REMARKS: Opr Mon-Fri 1300-2130Z±. Fld rstd, PPR by written req to Base Commander, Attn Air OPS. Exc when opr under prior permission authorized, pilots should maintain at least 3000' abv the arpt elevation within 5 NM.

AIRPORT MANAGER: 757-229-2121

CLEARANCE DELIVERY PHONE: For CD ctc Norfolk Apch at 757-464-0757.

RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.

HARCUM (L) (L) VORTACW 108.8 HCM Chan 25 N37°26.92' W76°42.68' 164° 8.9 NM to fld. 8/7W.

VOR unusable:

056°-095° blo 2,000'

174

275°-300° blo 2,000'

WASHINGTON
H-10I, 12I, L-34E, 36H
DIAP

CAMPBELL FLD (See WEIRWOOD on page 386)

CAPE CHARLES N37°20.85' W75°59.86' NOTAM FILE DCA.

(L) (L) **VORTACW** 112.2 CCV Chan 59 042° 21.2 NM to Accomack Co. 10/10W.

TACAN AZIMUTH unusable:

005°-015° byd 20 NM blo 4,000'

VOR unusable:

137°-322° byd 17 NM blo 2,000'

137°-322° byd 22 NM blo 3,000'

DME unusable:

005°-015° byd 20 NM blo 4,000'

WASHINGTON
H-10I, 12H, L-35D, 36I

CASANOVA N38°38.47' W77°51.93' NOTAM FILE DCA.

(H) (H) **VORTACW** 116.3 CSN Chan 110 184° 6.9 NM to Culpeper Rgnl. 442/6W.

VOR unusable:

310°-350° byd 10 NM blo 11,000'

TACAN AZIMUTH unusable:

310°-350° byd 10 NM blo 11,000'

DME unusable:

310°-350° byd 10 NM blo 11,000'

WASHINGTON
H-10H, L-29D, 34E, 36I, A

CAVERNS N38°41.96' W78°28.34' NOTAM FILE DCA.

NDB (MHW) 245 **LUA** 223° 2.4 NM to Luray Caverns. 834/9W. NDB unmonitored when arpt unatndd.

NDB unusable:

050°-208° byd 10 NM

209°-049° byd 15 NM

WASHINGTON

L-29G

CHAMBERS FLD (See NORFOLK NS (CHAMBERS FLD) on page 369)

CHARLOTTESVILLE-ALBEMARLE (CHO)(KCHO) 7 N UTC-5(-4DT) N38°08.38'

W78°27.14'

640 B Class I, ARFF Index B NOTAM FILE CHO MON Airport

RWY 03-21: H6801X150 (ASPH-GRVD) S-120, D-228, 2S-175,

2D-368 PCN 65 F/C/X/T HIRL 0.3% up SW

RWY 03: MALSR. PAPI(P4L)—GA 3.0° TCH 53'.

RWY 21: REIL. PAPI(P4R)—GA 3.0° TCH 50'.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 03: TORA-6801 TODA-6801 ASDA-6801 LDA-6801

RWY 21: TORA-6801 TODA-6801 ASDA-6801 LDA-6801

SERVICE: S4 **FUEL** 100LL, **JET A** **LGT** When ATCT clsd HIRL Rwy 03-21, and twy lights preset low intst. To actvt and increase intst MALSR Rwy 03; REIL Rwy 21; HIRL Rwy 03-21 and twy lights—CTAF. Rwy 21 VGSI unubl byd 6.5 deg L of RCL.

AIRPORT REMARKS: Attended continuously. Deer and birds on and invof arpt.

For actv svcs ctc 126.925. PPR 8 hrs for unscheduled air carrier ops with more than 9 passenger seats between 0400-1100Z†, call arpt manager 434-981-4152. Wheeled helicopters are requested to ground taxi when transiting arpt. Ldg fee only for actv over 7000 lbs.

AIRPORT MANAGER: 434-973-8342

WEATHER DATA SOURCES: ASOS (434) 973-5024

COMMUNICATIONS: CTAF 124.5 ATIS 118.425 UNICOM 122.95

Ⓡ **POTOMAC APP/DEP CON** 132.85

APP/DEP CON 120.525

TOWER 124.5 (1100-0400Z†) **GND CON** 121.9

CLEARANCE DELIVERY PHONE: For CD when ATCT is clsd ctc Potomac Apch at 866-640-4124.

AIRSPACE: CLASS D svc 1100-0400Z†; other times CLASS E.

RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.

GORDONSVILLE (VH) (H) VORTAC 115.6 **GVE** Chan 103 N38°00.82' W78°09.18' 304° 16.1 NM to fld. 383/6W.

TACAN AZIMUTH unusable:

250°-260° byd 25 NM blo 7,000'

VOR unusable:

005°-050° byd 40 NM

180°-207° byd 40 NM

208°-218° byd 40 NM blo 3,000'

208°-218° byd 50 NM

219°-225° byd 40 NM

260°-301° byd 40 NM

302°-312° byd 40 NM blo 9,000'

302°-312° byd 65 NM

313°-331° byd 40 NM

332°-342° byd 40 NM blo 6,100'

332°-342° byd 46 NM

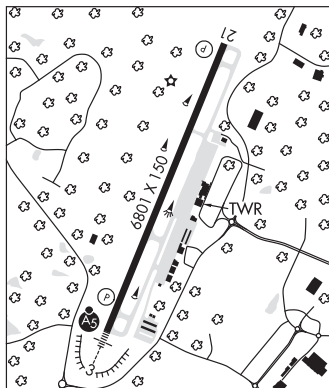
343°-360° byd 40 NM

ILS/DME 111.7 I-CHO Chan 54 Rwy 03. Class IA. ILS unmonitored when ATCT closed.

WASHINGTON

H-10H, 12I, L-26J, 36H

IAP, AD



CHASE CITY MUNI (CXE)(KCXE) 2 W UTC-5(-4DT) N36°47.30' W78°30.09'
 503 TPA-1303(800) NOTAM FILE DCA
 RWY 18-36: H3400X50 (ASPH) S-12.5 0.5% up N

WASHINGTON
 L-36G
 IAP

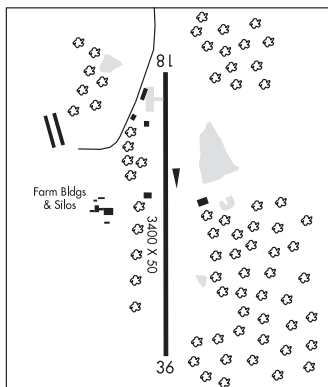
RWY 18: Road.
 RWY 36: Brush.

AIRPORT REMARKS: Unattended. Arpt clsd SS-SR indef. Deer on and invof arpt. Farm equipment operating near rwy. Rwy 18-36 severe cracking, 1-2 inches in places and along centerline. Rwy 18-36 longitudinal and transverse cracking, some raveling in certain areas.

AIRPORT MANAGER: 434-372-5136
WEATHER DATA SOURCES: AWOS-3 121.225 (434) 372-4506.
COMMUNICATIONS: CTAF 122.9

Ⓡ WASHINGTON CENTER APP/DEP CON 118.75
CLEARANCE DELIVERY PHONE: For CD ctc Washington ARTCC at 703-771-3587.

RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.
SOUTH BOSTON (L) (L) VORTAC 110.4 SBV Chan 41 N36°40.50' W79°00.87' 080° 25.7 NM to fld. 520/5W.



CHESAPEAKE RGNL (See NORFOLK on page 366)

CHESTER

MC LAUGHLIN SPB (2G6) 6 E UTC-5(-4DT) N37°19.23' W77°20.75'

WASHINGTON

7 NOTAM FILE DCA Not insp.
 WATERWAY 05W-23W: 2500X150 (WATER)
 WATERWAY 05W: Rgt tfc.

SEAPLANE REMARKS: Unattended.
AIRPORT MANAGER: 804-641-0423
COMMUNICATIONS: CTAF 122.9

CLEARANCE DELIVERY PHONE: For CD ctc Potomac Apch at 866-640-4124.
COMM/NAV/WEATHER REMARKS: For Cinc Del ctc Potomac Apch at 866-640-4124.

CLARKSVILLE

LAKE COUNTRY RGNL (W63) 2 S UTC-5(-4DT) N36°35.78' W78°33.58'

WASHINGTON
 L-36G
 IAP

421 B TPA-1221(800) NOTAM FILE DCA
 RWY 04-22: H4007X50 (ASPH) S-12.5 MIRL 1.0% up NE
 RWY 04: Tree.

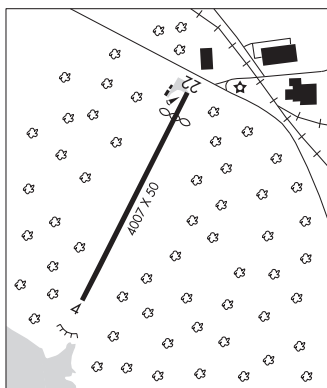
RWY 22: Thld dsplcd 480'. Road.
SERVICE: FUEL 100LL

AIRPORT REMARKS: Attended 1300-2200Z±. Wildlife invof arpt. For fuel call number posted beside public pay phone on side of hangar.

AIRPORT MANAGER: 434-374-8028
WEATHER DATA SOURCES: AWOS-3 118.225 (434) 374-2431.
COMMUNICATIONS: CTAF 122.9

Ⓡ WASHINGTON CENTER APP/DEP CON 118.75
CLEARANCE DELIVERY PHONE: For CD ctc Washington ARTCC at 703-771-3587.

RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.
SOUTH BOSTON (L) (L) VORTAC 110.4 SBV Chan 41 N36°40.50' W79°00.87' 107° 22.5 NM to fld. 520/5W.



CREWE MUNI (W81) 1 E UTC-5(-4DT) N37°10.86' W78°05.91'

422 B NOTAM FILE DCA

RWY 15-33: H3300X60 (ASPH) S-12 MIRL 1.0% up NW**RWY 15:** Thld dsplcd 277'. Tree.**RWY 33:** Tree.**RUNWAY DECLARED DISTANCE INFORMATION****RWY 15:** TORA-3300 TODA-3300 ASDA-3023 LDA-3023**SERVICE:** FUEL 100LL LGT For MIRL Rwy 15-33 key CTAF 5 times on; 3 times off.**AIRPORT REMARKS:** Unattended. Arpt unattended ctc town manager for assistance at 434-645-9453. Rwy 15 dsplcd thld markings in poor condition. Old markings showing thru. Rwy 15-33 has lrg cracks. Rwy 33 mrkgs faded.**AIRPORT MANAGER:** 434-645-1191**WEATHER DATA SOURCES:** AWOS-3 119.050.**COMMUNICATIONS:** CTAF/UNICOM 122.8

Ⓡ WASHINGTON CENTER APP/DEP CON 118.75

CLEARANCE DELIVERY PHONE: For CD ctc Washington ARTCC at 703-771-3587.**RADIO AIDS TO NAVIGATION:** NOTAM FILE DCA.**LAWRENCEVILLE (L) (L) VORTACW** 112.9 LVL Chan 76 N36°49.08'

W77°54.18' 345° 23.7 NM to fld. 350/8W.

VOR unusable:

090 blo 7,000'

090 byd 20 NM

091°-105°

106 blo 7,500'

106 byd 27 NM

107°-170°

171°-280° blo 6,000'

201°-325° byd 17 NM blo 9,000'

326°-089°

TACAN AZIMUTH unusable:

Blw 3,000'

VOR OTS indef

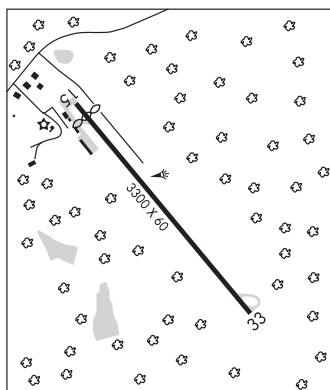
DME unusable:

Blw 3,000'

WASHINGTON

L-36H

IAP

**CULPEPER RGNL** (CJR)(KCJR) 7 NE UTC-5(-4DT) N38°31.53' W77°51.58'

316 B NOTAM FILE CJR

RWY 04-22: H5000X100 (ASPH-GRVD) S-40 MIRL**RWY 04:** REIL. PAPI(P4L)—GA 3.0° TCH 40'. Trees.**RWY 22:** REIL. PAPI(P4L)—GA 3.0° TCH 40'. Trees.**SERVICE:** S4 FUEL 100LL, JET A+ LGT ACTVT REIL Rwy 04 and 22; PAPI Rwy 04 and 22; MIRL Rwy 04-22; twy lgts—CTAF.**AIRPORT REMARKS:** Attended 1300-2300Z±. Deer on and invof arpt. Twy and ramp markings good.**AIRPORT MANAGER:** 540-825-8280**WEATHER DATA SOURCES:** AWOS-3 119.325 (540) 727-0523.**COMMUNICATIONS:** CTAF/UNICOM 123.075

Ⓡ POTOMAC APP/DEP CON 128.525

CLNC DEL 121.6

GCO 121.6 (POTOMAC APCH CD. IF UNA, FOR CD CTC POTOMAC APCH AT 866-709-4993)**CLEARANCE DELIVERY PHONE:** GCO avbl on freq 121.6 thru Potomac Apch CD. If una, for CD ctc Potomac Apch at 866-709-4993.**RADIO AIDS TO NAVIGATION:** NOTAM FILE DCA.**CASANOVA (H) (H) VORTACW** 116.3 CSN Chan 110 N38°38.47'

W77°51.93' 184° 6.9 NM to fld. 442/6W.

VOR unusable:

310°-350° byd 10 NM blo 11,000'

TACAN AZIMUTH unusable:

310°-350° byd 10 NM blo 11,000'

DME unusable:

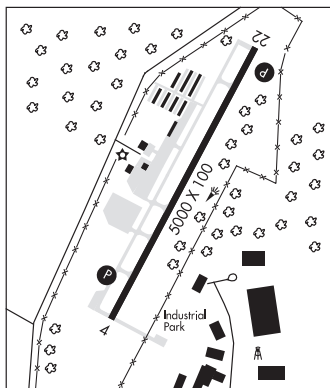
310°-350° byd 10 NM blo 11,000'

LOC 109.95 I-DZH Rwy 04.

WASHINGTON

H-10H, 12I, L-29E, 34E, 36I, A

IAP



DANVILLE RGNL (DAN)(KDAN) 3 E UTC-5(-4DT) N36°34.35' W79°20.18'

CINCINNATI

571 B TPA—See Remarks NOTAM FILE DAN

H-9C, 12I, L-26I, 36G

RWY 02-20: H5900X100 (ASPH-GRVD) S-90, D-130, 2S-165

IAP

HIRL 0.5% up N

RWY 02: MALSR. PAPI(P4L)—GA 3.0° TCH 55'. Tree.

RWY 20: REIL. PAPI(P4L)—GA 3.0° TCH 47'. Thld dsplcd 300'. Tree.

RWY 13-31: H3910X100 (ASPH) S-90, D-130, 2S-165 MIRL 1.1% up NW

RWY 13: REIL. VASI(V2L)—GA 3.0° TCH 28'. Tree.

RWY 31: REIL. PAPI(P2L)—GA 4.0° TCH 76'. Trees.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 02: TORA-5600 TODA-5900 ASDA-5600 LDA-5600

RWY 20: TORA-5900 TODA-5900 ASDA-5900 LDA-5600

SERVICE: S4 FUEL 100LL, JET A+ LGT ACTIVATE HIRL Rwy 02-20, MIRL Rwy 13-31, REIL Rwy 13, Rwy 31, and Rwy 20, MALSR Rwy 02, VASI Rwy 13 and PAPI Rwy 02, Rwy 20 and Rwy 31—CTAF.

AIRPORT REMARKS: Attended 1200-0000Z±. Arpt unattended Christmas Day. Birds and deer on and invof arpt. Trees penetrating 7:1 transitional sfc of Rwy 31 both sides, first 1000'. Ctc arpt administration prior to conducting specialized aero activities 434-799-5110. TPA-1371 (800) lgt acft, 2071 (1500) turbine acft. Rwy 02 is designated calm wind rwy.

AIRPORT MANAGER: 434-799-5110

WEATHER DATA SOURCES: ASOS 128.125 (434) 799-1701.

COMMUNICATIONS: CTAF/UNICOM 123.05

RCO 122.2 (LEESBURG RADIO)

Ⓡ WASHINGTON CENTER APP/DEP CON 124.05

CLEARANCE DELIVERY PHONE: For CD if una to ctc on FSS freq, ctc Washington ARTCC at 703-771-3587.

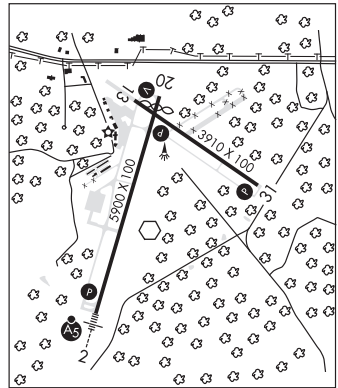
AIRSPACE: CLASS E svc continuous.

RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.

SOUTH BOSTON (L) (L) VORTAC 110.4 SBV Chan 41 N36°40.50' W79°00.87' 254° 16.7 NM to fld. 520/5W.

(L) VORW 113.1 DAN N36°34.13' W79°20.20' at fld. 568/6W. NOTAM FILE DAN.

ILS 110.7 I-DAN Rwy 02. Class IE.



DAVEE N38°39.70' W77°06.61' NOTAM FILE DCA.

WASHINGTON

NDB (HW) 223 DAA 323° 4.6 NM to Davison AAF. 53/9W.

L-29E, 34E, 36I

Unusable:

Byd 15 NM

DAVISON AAF (DAA)(KDA) A (ARNG) 3 NW UTC-5(-4DT) N38°42.90' W77°10.85' WASHINGTON
 74 B TPA—See Remarks NOTAM FILE DCA Not insp. COPTER

RWY 14-32: H5421X75 (ASPH) PCN 52 F/A/W/T HIRL H-10H, 12I, L-29E, 34E, 36I, A
RWY 14: PAPI(P4L)—GA 3.0° TCH 68'. RVR-R Thld dsplcd 491'. DIAP
RWY 32: MALSf. PAPI(P4R)—GA 3.0° TCH 35'. RVR-T Thld dsplcd 892'.

SERVICE: **MILITARY—LGT** Avbl 0230-1100Z† Mon-Fri and 24 hrs on wknds and hols. When twr clsd HIRL Rwy 14-32 set to PCL. To actvt & incr into MALSf Rwy 32; PAPI Rwy 14 & 32—CTAF. **FUEL** J8. Avbl 1200-0300Z† Mon-Fri; 1330-2130Z† Sat-Sun.

NOISE: Noise Abatement twr will advise of restriction to engine run up, tkf and ldg btn Mon-Sat 0300-1300Z†, Sun and hol 2200-1700Z†. Multiple practice instrument apch or tfc pat work are only authorized Mon-Sat 1300-0300Z†, Sun and hol 1700-0300Z†.

MILITARY REMARKS: Opr 1100-0230Z† Mon-Fri exc hol. **RSTD** Off Bus Only. PPR 24 hr notice for all non DAA based acft, ctc Base Ops 1200-2100Z† wkd, C571-515-4226/4228/4224. 24 hr PPR NVESD ramp, DSN 656-7675/7676, C703-806-7675/7676. Rwy 14 PAPI are non-standard. VFR use only. Acft with wingspan greater than 65' are prohibited from taxiing NW of Twy F due to tree line located within 150' of twy centerline. Twy G, H, and J clsd for night and IFR ops due to being unlit. Helipad 14-32 is 50' wide. Lmtd to H-60 and smaller acft ops. Hazards: Rwy 14 inbd (inground) thr lgts are removed. Helipad 14-32 clsd for night and IFR ops due to being unlit. **CAUTION** Exp shear/crosswind shift touch down zone Rwy 32 dur SW-NW wind. Wildlife haz. **TFC PAT** TPA-F/W R/W SW 1500(1426), R/W NE 1100(1026). **MISC** Aerodrome beacon located 4600 ft E-NE of afld on top of DLA Bldg. With ctl twr/opr apv, dep acft may use rwy apch end ovrn for tkof roll. Wx obsn augmented/back-up as req Mon-Fri 1030-0230Z† exc hol. Auto voice obsn continuous DSN 656-7313. Wx fcst Mon-Fri 1100-0230Z†, exc hol, OT remote briefing svc avbl 15th OWS, Scott AFB DSN 576-9755, C618-256-9755, fax extn 4855 or http://ows.scott.af.mil. See VFR-S for Pentagon Heliport. **ARNG** Opr continuously.

AIRPORT MANAGER: 703-664-1201

COMMUNICATIONS: **CTAF** 124.275 **ATIS** 128.175 (1100-0230Z† Mon-Fri, excl hols)
PTD 139.4 (VIP arr ctc Base OPS 15 min prior to ldg)

® **POTOMAC APP/DEP CON** 118.95 124.7 257.2 338.2
TOWER 124.275 229.4 241.0 (1100-0230Z† Mon-Fri excl hol) **GND CON** 121.9 351.8 **CLNC DEL** 351.8
METRO PMSV 139.4 **BASE OPS** 139.4 **ARNG OPS** 52.75

CLEARANCE DELIVERY PHONE: For CD when ATCT is clsd ctc Potomac Apch at 866-599-3874.

AIRSPACE: **CLASS D** svc 1100-0230Z† Mon-Fri exc hol; other times **CLASS G**.

RADIO AIDS TO NAVIGATION: NOTAM FILE IAD.

ARMEL (L) (L) VORW/DME 113.5 AML Chan 82 N38°56.08' W77°28.00' 142° 18.8 NM to fld. 296/8W.
 VOR unusable:
 055°-092° blo 4,500'
 093°-115°
 116°-210° blo 4,500'
 DME unusable:
 055°-210° byd 28 NM blo 2,500'
 211°-230° byd 30 NM blo 3,000'

DAVEE NDB (LOM) 223 DA N38°39.70' W77°06.61' 323° 4.6 NM to fld.
ILS/DME 108.9 I-DAA Chan 26 Rwy 32. Class IA. LOM DAVEE NDB. Unmonitored 0200-1000Z† wkday - 2000-1200Z† wkend/hol.

ASR/PAR (Weekdays 1200-0000Z† excluding holidays, 2 hr PPR other times.)

COMM/NAV/WEATHER REMARKS: Radar see Terminal FLIP for Radar Minima.
 •

HELIPAD H1: H50X50 (CONC)

DUBLIN

NEW RIVER VALLEY (PSK)(KPSK) 2 N UTC-5(-4DT) N37°08.24' W80°40.71'

CINCINNATI

2105 B NOTAM FILE PSK

H-10H, 12H, 6G, L-26I

RWY 06-24: H6201X150 (ASPH-GRVD) D-60 HIRL 0.5% up SW

IAP

RWY 06: MALSR. PAPI(P4L)—GA 3.0° TCH 58'. Trees.

RWY 24: REIL. PAPI(P4L)—GA 3.0° TCH 44'.

SERVICE: S4 **FUEL** 100LL, JET A+ **LGT** ACTVT MALSR Rwy 06, REIL

Rwy 24; PAPI Rwy 06 and 24; HIRL Rwy 06-24—CTAF.

AIRPORT REMARKS: Attended Mon-Fri 1300-0000Z†, Sat-Sun 1400-2200Z†. Unattended Thanksgiving and Christmas Day. Mil contract fuel unavbl. Deer on and invof arpt.

AIRPORT MANAGER: 540-674-4141

WEATHER DATA SOURCES: AWOS-3 127.375 (540) 674-2731.

COMMUNICATIONS: CTAF/UNICOM 122.7

PULASKI RCO 122.3 (LEESBURG RADIO)

ROANOKE APP/DEP CON 126.0

CLNC DEL 121.7

RADIO AIDS TO NAVIGATION: NOTAM FILE PSK.

PULASKI (H) (H) VORTACW 116.8 PSK Chan 115 N37°05.26'

W80°42.77' 035° 3.4 NM to fld. 2127/6W.

DME unusable:

034°-038° byd 25 NM

135°-175° byd 25 NM blo 10,000'

200°-225° byd 10 NM

250°-350° byd 25 NM blo 10,000'

284°-286° byd 10 NM blo 10,000'

287°-316° byd 25 NM blo 10,000'

315°-335° byd 10 NM blo 10,000'

334°-033° byd 25 NM blo 10,000'

TACAN AZIMUTH unusable:

034°-038° byd 25 NM

053°-100°

135°-175° byd 25 NM blo 10,000'

200°-225° byd 10 NM

234°-283°

284°-286° byd 10 NM blo 10,000'

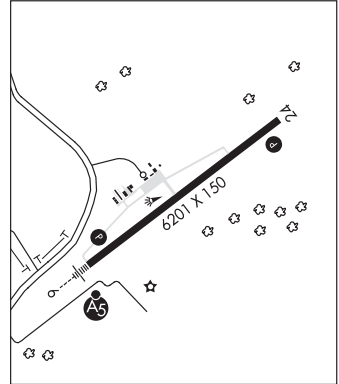
287°-316° byd 25 NM blo 10,000'

315°-335° byd 10 NM blo 10,000'

334°-033° byd 25 NM blo 10,000'

ILS 110.9 I-PSK Rwy 06. Class IA. Unmonitored when FBO clsd.

COMM/NAV/WEATHER REMARKS: ROA twr svcs avbl at 540-563-1307.



EAGLE'S NEST (See WAYNESBORO on page 386)

EMPORIA—GREENSVILLE RGNL (EMV)(KEMV) 3 E UTC-5(-4DT)

N36°41.21' W77°28.96'

WASHINGTON

127 B TPA—See Remarks NOTAM FILE EMV

H-9C, 10H, 12H, L-36G

RWY 16-34: H5010X100 (ASPH-GRVD) S-30, D-50, 2D-85 MIRL

IAP

0.3% up N

RWY 16: REIL. PAPI(P2L)—GA 3.0° TCH 31'. Road.

RWY 34: REIL. PAPI(P2L)—GA 3.0° TCH 43'. Tree.

SERVICE: FUEL 100LL, JET A LGT ACTIVATE REIL Rwy 16 & 34; MIRL Rwy 16-34—CTAF. PAPI Rwy 16 & 34 opr consly. Rwy 16 PAPI unusbl byd 7 deg left & right of cntrln. Rwy 34 PAPI unusbl byd 8 deg right of cntrln.

AIRPORT REMARKS: Attended 1400-2200Z†. Deer on and invof arpt.

TPA—1127(1000) lgt acft, 1627(1500) hvy acft.

AIRPORT MANAGER: 434-634-3696**WEATHER DATA SOURCES:** AWOS-3 124.175 (434) 634-0656.**COMMUNICATIONS:** CTAF/UNICOM 123.0

Ⓡ WASHINGTON CENTER APP/DEP CON 132.025

CLEARANCE DELIVERY PHONE: For CD ctc Washington ARTCC at 703-771-3587.**RADIO AIDS TO NAVIGATION:** NOTAM FILE FKN.

FRANKLIN (L) VORTACW 110.6 FKN Chan 43 N36°42.85'

W77°00.74' 275° 22.8 NM to fld. 84/9W.

VOR unusable:

090°-119° byd 18 NM blo 2,000'

119°-128° byd 10 NM

129°-134° byd 33 NM

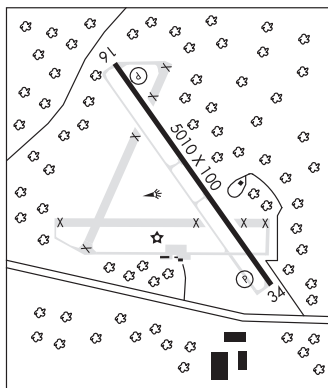
135°-148°

TACAN AZIMUTH unusable:

090°-139°

DME unusable:

090°-139°

LOC/DME 108.75 I-EMV Chan 24(Y) Rwy 34. DME unusable byd 25° r of course.**FALWELL** (See LYNCHBURG on page 360)**FARMVILLE RGNL** (FVX)(KFVX) 4 NW UTC-5(-4DT) N37°21.45' W78°26.27'

WASHINGTON

416 B NOTAM FILE FVX

L-36H

RWY 03-21: H4400X75 (ASPH-GRVD) S-12.5 MIRL

IAP

RWY 03: REIL. PAPI(P2L)—GA 3.0° TCH 44'. Hill.

RWY 21: REIL. PAPI(P2L)—GA 3.0° TCH 44'. Tree.

SERVICE: S2 FUEL 100LL, JET A LGT REIL Rwy 03 and Rwy 21; MIRL Rwy 03-21; preset low intst, to incr intst ACTVT—CTAF.

AIRPORT REMARKS: Attended 1230-2200Z†. Deer on and invof arpt. Poss unmanned aerial vehicle oper 5 NM from Farmville Arpt 3000 ft AGL and blw.

AIRPORT MANAGER: 434-392-5686**WEATHER DATA SOURCES:** AWOS-3 132.725 (434) 392-9718.**COMMUNICATIONS:** CTAF/UNICOM 122.8

Ⓡ ROANOKE APP/DEP CON 135.0

CLEARANCE DELIVERY PHONE: For CD ctc Roanoke Apch at 540-563-1307.**RADIO AIDS TO NAVIGATION:** NOTAM FILE DCA.

FLAT ROCK (H) VORTACW 113.3 FAK Chan 80 N37°31.71'

W77°49.69' 257° 30.9 NM to fld. 460/6W.

TACAN 338 radial unusable

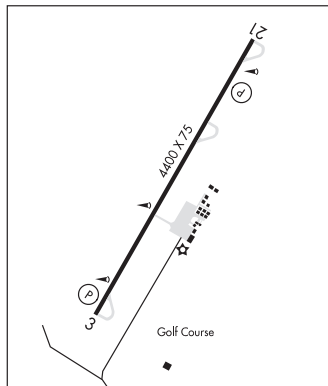
VOR unusable:

111°-168°

169°-204° blo 5,000'

274°-337° blo 4,000'

274°-337° byd 33 NM

COMM/NAV/WEATHER REMARKS: ROA twr svcs avbl at 540-563-1307.

FELKER AAF (FAF)(KFAF) A UTC-5(-4DT) N37°07.96' W76°36.54'

WASHINGTON
L-34E, 35D, 36H
DIAP

12 B TPA—See Remarks NOTAM FILE DCA Not insp.

RWY 14-32: H3O25X75 (ASPH) PCN 13 F/B/Y/T HIRL

RWY 14: ODALS. PAPI(P2L)—GA 3.0° TCH 48'. Rgt tfc.

RWY 32: PAPI(P2L)—GA 3.0° TCH 48'.

SERVICE: **MILITARY**—LGT ACTVT ODALS Rwy 14, PAPI Rwy 14 and Rwy 32; HIRL Rwy 14-32—CTAF. Rwy 32 VGS I unusbl byd 9 degrees right and 7 degrees left of ctrln. **JASU** 2(AGPU) **FUEL J8 TRAN ALERT** Svc avbl 1230-2130Z† Mon-Fri exc hol.

MILITARY REMARKS: Base OPS Mon-Fri 1145-0400Z† exc hol, DSN 826-5828/2584, C757-878-5828/2584. **RSTD** PPR 24 hr notice all non KFAF based acft, ctc base ops. Acft entering from south-southeast maximum alt 500' due to instrument apch into Newport News/Williamsburg Arpt. No hazardous cargo area avbl. After hrs ops rstd to DOD, State/Federal msn essential ops only. **CAUTION** Ctc Base Ops for current BASH conditions. Increased bird act 1 Oct to 30 Nov and 1 Feb to 31 Mar. Significant eagle activity invof 1 NM south AER 32, 1 NM E of arpt on Warwick River. No overflight tfc of main post. Perm moveable crane on watercraft base 3100' west northwest of Rwy 14 apch end. No fly area 1.6 NM southeast Rwy 32 to include entire peninsula. **TFC PAT** TPA—Fixed wing 1000(989), rotary wing 500(489). **MISC** C757-878-5300, DSN 826-5300. Remote briefing avbl from Shaw AFB DSN 965-0588, (fax) DSN 965-1527. Use C877-297-4129 if DSN not avbl. Flight svcs 1-800-WX-BRIEF. Wx observation visibility rstd to 1/2 SM from NW to NE, 1/4 to 3/4 SM all other quadron. When twr and/or sfc visibility is blo 4 SM and differ by a reportable value, a twr visibility remark will be reported during supplemented wx observation. FAA Leesburg FSS C800-992-7433. Heli-deck marking lctd north of and adjacent to the apch of Rwy 14. Frangible perimeter fence enclosing rwy environment exists within 500' of rwy cntrln. Multiple bldgs. Penetrating 7:1 imaginary surface, northeast side of rwy. Parking lots/lgt poles/and multiple frangible objects within 500' NE or rwy cntrln. Emerg dispatch monitors CTAF, 2300-0700Z†. Emerg svcs mnt CTAF after hrs.

AIRPORT MANAGER: 757-878-2865

COMMUNICATIONS: CTAF 126.3

® **NORFOLK APP/DEP CON** 125.7 335.625

TOWER 126.3 269.25 (1200-0400Z† Mon-Fri exc Federal hol) **GND CON** 121.35 229.4

PMSV METRO 134.1 (Monitored Mon-Fri 1000-2200Z† exc hol. Maximum range 30 NM) **BASE OPS** 38.7 134.1 142.2 255.7

CLEARANCE DELIVERY PHONE: For CD when ATCT clsd, ctc Norfolk Apch at c757-363-5864.

AIRSPACE: CLASS D svc 1200-0400Z† Mon-Fri exc fed hol; other times CLASS G.

RADIO AIDS TO NAVIGATION: NOTAM FILE FKN.

FRANKLIN (L) (L) VORTACW 110.6 FKN Chan 43 N36°42.85' W77°00.74' 047° 31.7 NM to fld. 84/9W.

VOR unusable:

090°-119° byd 18 NM blo 2,000'

119°-128° byd 10 NM

129°-134° byd 33 NM

135°-148°

TACAN AZIMUTH unusable:

090°-139°

DME unusable:

090°-139°

FLAT ROCK N37°31.71' W77°49.69' NOTAM FILE DCA.

WASHINGTON
H-10H, L-36H

(H) (H) VORTACW 113.3 FAK Chan 80 123° 16.2 NM to Richmond Exec/Chesterfield Co. 460/6W.

TACAN 338 radial unusable

VOR unusable:

111°-168°

169°-204° blo 5,000'

274°-337° blo 4,000'

274°-337° byd 33 NM

FOREST

NEW LONDON (W90) 6 SW UTC-5(-4DT) N37°16.30' W79°20.15'

CINCINNATI

842 NOTAM FILE DCA

L-26J

RWY 18-36: H3164X40 (ASPH) 2.3% up N

IAP

RWY 18: Thld dsplcd 115'. Pole.

RWY 36: Trees.

AIRPORT REMARKS: Unattended. Ultraigt acct on and invof arpt. Rwy 18-36 CLOSED daily SS-SR. Stand, fence and tower in prim and/or trnsf sfcs with guardrail both sides of Rwy 36. Rwy used as drag strip on certain Sundays summer months. NOTAMed when arpt closed.

AIRPORT MANAGER: 434-582-3028

COMMUNICATIONS: CTAF/UNICOM 122.8

Ⓡ **ROANOKE APP/DEP CON** 135.0

CLEARANCE DELIVERY PHONE: For CD ctc Roanoke Apch at 540-563-1307.

RADIO AIDS TO NAVIGATION: NOTAM FILE LYH.

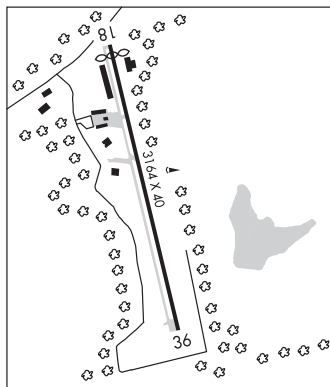
LYNCHBURG (L) (L) VORW/DME 109.2 LYH Chan 29 N37°15.27' W79°14.18' 287° 4.9 NM to fld. 871/5W.

VOR unusable:

200°-210°

330°-360°

COMM/NAV/WEATHER REMARKS: ROA twr svcs avbl at 540-563-1307.



FORT LEE AHP 3(QRTMST CEN) HELIPORT (VA39) A 0 S UTC-5(-4DT) N37°15.28' W77°19.63' WASHINGTON
100 NOTAM FILE FAF Not insp. L-36H

HELIPAD H1: H40X40 (CONC) PERIMETER LGTS DIAP

MILITARY REMARKS: RSTD 24 HR PPR DSN 687-6421. CAUTION Parachute jumping 2 NM NW. Small arms range 1

NM NW. Avoid overflight of asph compound 1 NM WNW. MISC Avoid overflight of national park and base housing areas adjacent to Fort Lee Reservation. Make advisory of ldg and tkf on 126.2.

COMMUNICATIONS:

Ⓡ **POTOMAC APP/DEP CON** 126.75 307.2 **MEDIVAC** 32.5 (KENNER)

CLEARANCE DELIVERY PHONE: For CD ctc Potomac Apch at 866-640-4124.

RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.

HOPEWELL (L) (L) VORTACW 114.35 HPW Chan 90(Y) N37°19.73' W77°06.96' 252° 11.0 NM to fld. 70/6W.

FRANKLIN RGNL (FKN)(KFKN) 2 NE UTC-5(-4DT) N36°42.02' W76°54.13'

WASHINGTON

40 B TPA—See Remarks NOTAM FILE FKN

L-35C, 36H

RWY 09-27: H4977X100 (ASPH-GRVD) MIRL IAP

RWY 09: PAPI(P2L)—GA 3.0° TCH 40'. Tree.

RWY 27: PAPI(P2L)—GA 3.0° TCH 40'. Tree.

SERVICE: S4 FUEL 100L, JET A LGT Actvt MIRL Rwy 09-27—CTAF.

Rwy 27 PAPI unusable byd 1 NM fm thr.

AIRPORT REMARKS: Attended 1300-2200Z±. Deer on and invof arpt.

Possible tfc from the Southampton Memorial Helipad 2 NM west of arpt. TPA—840(800) lgt acct, 1540(1500) hvy acct. Drainage ditches next to rwy & twys. Arpt FBO clsd Sat and Sun.

AIRPORT MANAGER: 757-562-8764

WEATHER DATA SOURCES: AWOS-3PT 124.675 (757) 562-8765.

COMMUNICATIONS: CTAF/UNICOM 122.8

Ⓡ **NORFOLK APP/DEP CON** 127.9

CLEARANCE DELIVERY PHONE: For CD ctc Norfolk Apch at 757-464-0757.

RADIO AIDS TO NAVIGATION: NOTAM FILE FKN.

(L) (L) VORTACW 110.6 FKN Chan 43 N36°42.85' W77°00.74' 108° 5.4 NM to fld. 84/9W.

VOR unusable:

090°-119° byd 18 NM blo 2,000'

119°-128° byd 10 NM

129°-134° byd 33 NM

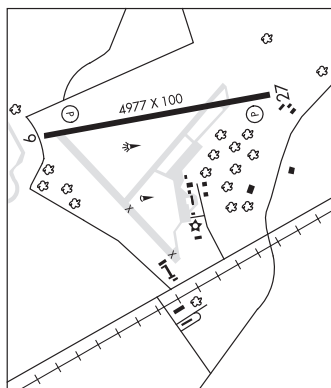
135°-148°

TACAN AZIMUTH unusable:

090°-139°

DME unusable:

090°-139°



FRANKLIN N36°42.85' W77°00.74' NOTAM FILE FKN.
(L) (L) VORTACW 110.6 FKN Chan 43 108° 5.4 NM to Franklin Rgnl. 84/9W.
 VOR unusable:
 090°-119° byd 18 NM blo 2,000'
 119°-128° byd 10 NM
 129°-134° byd 33 NM
 135°-148°
 TACAN AZIMUTH unusable:
 090°-139°
 DME unusable:
 090°-139°

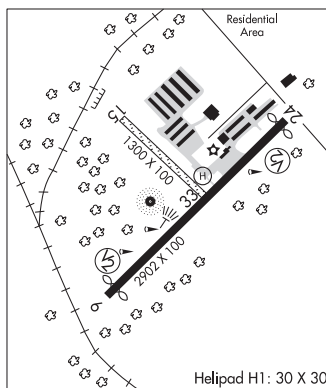
WASHINGTON
 H-9C, 10H, L-35C, 36H

FREDERICKSBURG

SHANNON (EZF)(KEZF) 2 S UTC-5(-4DT) N38°16.01' W77°26.95'
 85 B NOTAM FILE EZF
RWY 06-24: H2902X100 (ASPH) MIRL
RWY 06: PVASI(PSIL). Thld dsplcd 132'. Railroad.
RWY 24: PVASI(PSIL). Thld dsplcd 80'. Tree.
RWY 15-33: 1300X100 (TURF)
RWY 15: Brush.
SERVICE: S4 FUEL 100LL, JET A+ LGT ACTVT MIRL Rwy
 06-24—CTAF. Rwy 06 PVASI OTS indefy.

WASHINGTON
 L-29E, 34E, 36I, A
 IAP

AIRPORT REMARKS: Attended 1300-2200Z†. Unattended New Year's, Easter, Independence, Thanksgiving and Christmas Days. Rwy 33 CLOSED daily SS-SR. 24 hr self-svc avbl, fuel truck avbl during opr hrs. Rwy 15 clsd to Indg. Rwy 33 clsd for tkof. Rwy 15-33 outlined with yellow cones. First 89 ft pavement Rwy 06 marked as unusbl. Apchs to Rwy 06-24 will be made sufly high to cross Rt. 2 (Rwy 24) for the railroad tracks (Rwy 06) at or abv 135' MSL (50' AGL). Tran acct park on ramp NE side of trml. Req R/W acct not taxi next to trml.



AIRPORT MANAGER: 540-373-4431
WEATHER DATA SOURCES: AWOS-3 128.125 (540) 372-6794.
COMMUNICATIONS: CTAF/UNICOM 122.8
BROOKE RCO 122.1R 114.5T (LEESBURG RADIO)
 Ⓡ **QUANTICO APP/DEP CON** 127.05 (Mon and Fri 1300-2200Z†, Tue, Wed and Thu 1300-0200Z† exc Sat, Sun and holidays)
 other times ctc

Ⓡ **POTOMAC APP/DEP CON** 128.525 (When NYG twr clsd)
CLEARANCE DELIVERY PHONE: Clearance delivery phone: GC0 avbl on freq 135.075; Quantico CD during op hrs - 6 clicks, Potomac CD all otr times - 4 clicks. If una, for CD ctc Quantico CD during op hours at 703-784-5990, Potomac Apch all otr times at 866-709-4993.

RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.
BROOKE (L) (L) VORTAC 114.5 BRV Chan 92 N38°20.18' W77°21.17' 237° 6.2 NM to fld. 145/9W.

DME unusable:
 011°-060° byd 20 NM
 061°-120°
 121°-161° byd 17 NM
 162°-238°
 239°-249° byd 5 NM
 250°-010°

VOR unusable:
 001°-360°
 TACAN AZIMUTH unusable:
 011°-060° byd 20 NM
 061°-120°
 121°-161° byd 17 NM
 162°-238°
 239°-249° byd 5 NM
 250°-010°

NDB (MHW) 237 EZF N38°15.98' W77°27.03' at fld. 83/10W. NOTAM FILE EZF. NDB unmonitored when arpt unatndd.
 NDB unusable:
 Byd 15 NM

• • • • •
HELIPAD H1: H30X30 (CONC)

FRONT ROYAL-WARREN CO (FRR)(KFRR) 3 W UTC-5(-4DT) N38°55.05' W78°15.20'

WASHINGTON

704 B NOTAM FILE DCA

L-29D, A

RWY 10-28: H3008X75 (ASPH) S-12.5 MIRL 0.4% up E

IAP

RWY 10: APAP(PNIR)—GA 3.0° TCH 16'. Road.

RWY 28: APAP(PNIL)—GA 3.0° TCH 16'. Pole.

SERVICE: S2 **FUEL** 100LL **LGT** Actvt MIRL Rwy 10-28—CTAF.

NOISE: Noise abatement procedures in effect, ctc arpt mgr for details at 540-635-3570.

AIRPORT REMARKS: Attended 1400-2200Z±. Deer and geese on and invof arpt. Glider ops on and invof arpt. Rwy 10 and Rwy 28 rgt tfc for gyrocopters, ultralights and gliders.

AIRPORT MANAGER: 540-635-3570

WEATHER DATA SOURCES: AWOS-3 121.85 (540) 635-5377.

COMMUNICATIONS: CTAF/UNICOM 123.0

Ⓡ **POTOMAC APP/DEP CON** 120.45

CLEARANCE DELIVERY PHONE: For CD ctc Potomac Apch at 866-709-4993.

RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.

LINDEN (L) (L) VORTACW 114.3 LDN Chan 90 N38°51.26'

W78°12.33' 335° 4.4 NM to fld. 2435/6W.

DME portion unusable:

115°-150° byd 20 NM blo 3,500'

150°-155° byd 20 NM blo 4,000'

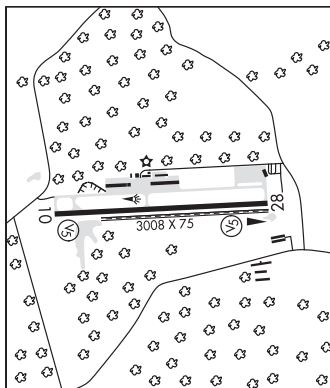
155°-175° byd 20 NM blo 4,500'

175°-200° byd 20 NM blo 5,000'

200°-225° byd 20 NM blo 5,500'

TACAN AZIMUTH unusable:

115°-225° byd 20 NM



GALAX HILLSVILLE

TWIN CO (HLX)(KHLX) 7 NE UTC-5(-4DT) N36°45.97' W80°49.41'

CINCINNATI

2694 B NOTAM FILE HLX

L-261

RWY 01-19: H4204X75 (ASPH) S-12.5 MIRL 1.2% up S

IAP

RWY 01: REIL. PAPI(P2L)—GA 3.0° TCH 21'. Trees.

RWY 19: REIL. Thld dspclcd 50'. Trees.

SERVICE: S4 **FUEL** 100LL, JET A+ **LGT** ACTVT MIRL RWY 01-19—CTAF.

AIRPORT REMARKS: Attended irregularly. Unattended New Year's Day, Easter, Thanksgiving and Christmas. Weekend attendance: coordinate during regular weekly bus hours. Self-svc fuel avbl 24 hrs with credit card. Deer on and invof arpt. After hrs terminal access avbl south side of bldg. Rwy 01 10-20' hill located 150' west of Rwy 01 begins north of thld. Rwy 19 rwy markings conditions vary btwn good and fair. Rwy displacement marking incorrect.

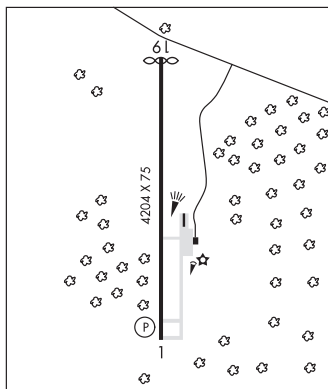
AIRPORT MANAGER: 276-728-4504

WEATHER DATA SOURCES: AWOS-3 118.375 (276) 728-5897.

COMMUNICATIONS: CTAF/UNICOM 122.8

Ⓡ **ROANOKE APP/DEP CON** 126.0

CLEARANCE DELIVERY PHONE: For CD ctc Roanoke Apch at 540-563-1307.



CONTINUED ON NEXT PAGE

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RADIO AIDS TO NAVIGATION: NOTAM FILE PSK.

PULASKI (H) VORTACW 116.8 PSK Chan 115 N37°05.26' W80°42.77' 201° 20.0 NM to fld. 2127/6W.

DME unusable:

- 034°-038° byd 25 NM
- 135°-175° byd 25 NM blo 10,000'
- 200°-225° byd 10 NM
- 250°-350° byd 25 NM blo 10,000'
- 284°-286° byd 10 NM blo 10,000'
- 287°-316° byd 25 NM blo 10,000'
- 315°-335° byd 10 NM blo 10,000'
- 334°-033° byd 25 NM blo 10,000'

TACAN AZIMUTH unusable:

- 034°-038° byd 25 NM
- 053°-100°
- 135°-175° byd 25 NM blo 10,000'
- 200°-225° byd 10 NM
- 234°-283°
- 284°-286° byd 10 NM blo 10,000'
- 287°-316° byd 25 NM blo 10,000'
- 315°-335° byd 10 NM blo 10,000'
- 334°-033° byd 25 NM blo 10,000'

COMM/NAV/WEATHER REMARKS: ROA twr svcs avbl at 540-563-1307.

GLADE SPRING N36°49.51' W82°04.74' NOTAM FILE DCA.

CINCINNATI

(L) (L) VOR/DME 110.2 GZG Chan 39 045° 19.7 NM to Tazewell Co. 4200/2W.

H-9B, 12G, L-26H

VOR unusable:

- 010°-095°
- 115°-120° byd 20 NM blo 10,000'
- 351°-004° byd 15 NM blo 8,000'

RCO 122.1R 110.2T (LEESBURG RADIO)

GORDONSVILLE MUNI (GVE)(KGVE) 3 NE UTC-5(-4DT) N38°09.36' W78°09.95'

WASHINGTON

454 B NOTAM FILE DCA

L-34E, 36H

RWY 05-23: H2300X40 (ASPH) S-12.5 MIRL 0.5% up SW

IAP

RWY 05: APAP(PNIR). Tree.

RWY 23: APAP(PNIR). Thld dsplcd 440'. Tree.

SERVICE: LGT ACTIVATE MIRL Rwy 05-23—CTAF.

AIRPORT REMARKS: Unattended. After hrs ctc 907-545-4555.

AIRPORT MANAGER: (540) 832-2233

WEATHER DATA SOURCES: AWOS-3 120.225 (540) 832-2095.

COMMUNICATIONS: CTAF/UNICOM 123.0

RCO 122.1R 115.6T (LEESBURG RADIO)

® POTOMAC APP/DEP CON 132.85

CLEARANCE DELIVERY PHONE: For CD ctc Potomac Apch at 866-640-4124.

RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.

(VH) (H) VORTAC 115.6 GVE Chan 103 N38°00.82'

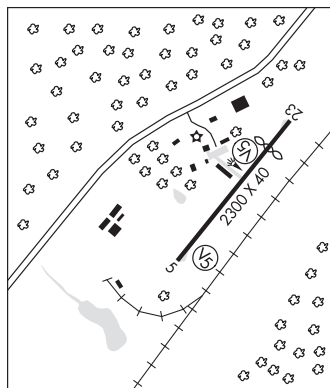
W78°09.18' 002° 8.6 NM to fld. 383/6W.

TACAN AZIMUTH unusable:

250°-260° byd 25 NM blo 7,000'

VOR unusable:

- 005°-050° byd 40 NM
- 180°-207° byd 40 NM
- 208°-218° byd 40 NM blo 3,000'
- 208°-218° byd 50 NM
- 219°-225° byd 40 NM
- 260°-301° byd 40 NM
- 302°-312° byd 40 NM blo 9,000'
- 302°-312° byd 65 NM
- 313°-331° byd 40 NM
- 332°-342° byd 40 NM blo 6,100'
- 332°-342° byd 46 NM
- 343°-360° byd 40 NM



GORDONSVILLE N38°00.82' W78°09.18' NOTAM FILE DCA.

(VH) (H) **VORTAC** 115.6 GVE Chan 103 002° 8.6 NM to Gordonsville Muni. 383/6W.

TACAN AZIMUTH unusable:

250°-260° byd 25 NM blo 7,000'

VOR unusable:

005°-050° byd 40 NM

180°-207° byd 40 NM

208°-218° byd 40 NM blo 3,000'

208°-218° byd 50 NM

219°-225° byd 40 NM

260°-301° byd 40 NM

302°-312° byd 40 NM blo 9,000'

302°-312° byd 65 NM

313°-331° byd 40 NM

332°-342° byd 40 NM blo 6,100'

332°-342° byd 46 NM

343°-360° byd 40 NM

RCO 122.1R 115.6T (LEESBURG RADIO)

WASHINGTON

H-10H, 12H, L-34E, 36H

HAMPTON ROADS EXEC (See NORFOLK on page 367)

HANOVER CO MUNI (See RICHMOND/ASHLAND on page 377)

HARCUM N37°26.92' W76°42.68' NOTAM FILE DCA.

(L) **VORTACW** 108.8 HCM Chan 25 338° 5.0 NM to Middle Peninsula Rgnl. 8/7W.

VOR unusable:

056°-095° blo 2,000'

174

275°-300° blo 2,000'

WASHINGTON

H-10H, 12H, L-34E, 36H

HOPEWELL N37°19.73' W77°06.96' NOTAM FILE DCA.

(L) **VORTACW** 114.35 HPW Chan 90(Y) 003° 10.5 NM to New Kent Co. 70/6W.

WASHINGTON

H-10H, 12H, L-34E, 36H

HOT SPRINGS

INGALLS FLD (HSP)(KHSP) 3 S UTC-5(-4DT) N37°57.09' W79°50.03'

3793 B NOTAM FILE HSP

RWY 07-25: H5600X100 (ASPH-GRVD) S-65, D-160, 2S-175

HIRL 0.5% up SW

RWY 07: PAPI(P4R)—GA 3.0° TCH 45'. Trees.

RWY 25: REIL. PAPI(P4L)—GA 3.0° TCH 56'.

SERVICE: FUEL 100LL, JET A+ LGT ACTVT REIL Rwy 25, PAPI Rwy 07 and 25, HIRL Rwy 07-25 and twy lgts—CTAF.

AIRPORT REMARKS: Attended 1400-2200Z†. Wildlife, including bear on and in/ov arpt. Be advised low pass to check/clear wildlife when arpt unattended. ARNG call out svc during business hrs. Fee for call out svc. Ldg fee (Multi-engine acft) waived with fuel purchase.

AIRPORT MANAGER: 540-839-5326

WEATHER DATA SOURCES: AWOS-3 118.8 (540) 839-5974.

COMMUNICATIONS: CTAF/UNICOM 123.0

Ⓡ **WASHINGTON CENTER APP/DEP CON** 134.4

CLEARANCE DELIVERY PHONE: For CD etc Washington ARTCC at 703-771-3587.

AIRSPACE: CLASS E svc 1500-2300Z†; other times CLASS G.

RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.

MONTEBELLO (VL) (L) VOR/DME 115.3 MOL Chan 100 N37°54.03'

W79°06.41' 280° 34.6 NM to fld. 3455/5W.

DME unusable:

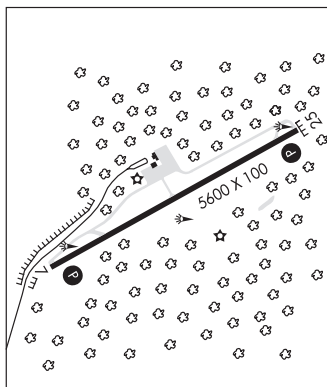
158°-168° byd 30 NM blo 6,000'

ILS 108.7 I-HSP Rwy 25. Class IT. Unmonitored when FBO clsd.

CINCINNATI

H-10H, 12H, L-26I

IAP



HUMMEL FLD (See SALUDA on page 378)

INGALLS FLD (See HOT SPRINGS on page 354)

JONESVILLE

LEE CO (ØVG) 5 SW UTC-5(-4DT) N36°39.25' W83°13.07'

CINCINNATI
H-9B, 12G, L-25B
IAP

1411 B NOTAM FILE DCA

RWY 07-25: H5003X75 (ASPH) S-30 MIRL 0.9% up NE

RWY 07: REIL. PAPI(P2L)—GA 3.0° TCH 40'. Tree.

RWY 25: REIL. PAPI(P2L)—GA 3.25° TCH 44'. Tree.

SERVICE: FUEL 100LL, JET A+ LGT ACTIVATE REIL Rwy 07 and Rwy 25, PAPI Rwy 07 and Rwy 25, MIRL Rwy 07-25—CTAF.

AIRPORT REMARKS: Attended on call. Call 276-346-2075 or 276-346-3051. 100LL avbl 24/7 with credit card.

AIRPORT MANAGER: 276-346-7714

WEATHER DATA SOURCES: AWOS-3 120.125 (276) 346-3333.

COMMUNICATIONS: CTAF 122.9

Ⓡ ATLANTA CENTER APP/DEP CON 127.55

CLEARANCE DELIVERY PHONE: For CD ctc Atlanta ARTCC at 770-210-7692.

RADIO AIDS TO NAVIGATION: NOTAM FILE LOU.

HAZARD (L) DME 111.2 AZQ Chan 49 N37°23.48' W83°15.78' 177° 44.2 NM to fld. 1243.

monitored by AOCC 24 hrs

DME portion unusable:

Byd 25 NM blo 4,500'

KENBRIDGE

LUNENBURG CO (W31) 3 W UTC-5(-4DT) N36°57.62' W78°11.11'

WASHINGTON
L-36G
IAP

526 B NOTAM FILE DCA

RWY 02-20: H3000X50 (ASPH-AFSC) S-12.5 LIRL 0.4% up N

RWY 02: APAP(PNIL)—GA 5.0° TCH 26'. Tree.

RWY 20: APAP(PNIL)—GA 5.0° TCH 26'. Tree.

SERVICE: FUEL 100LL

AIRPORT REMARKS: Unattended. Fuel available daylight hours by calling airport manager 301-524-0053. Deer on and invof arpt. Numerous cracks in rwy. Conventional gear acft be alert.

AIRPORT MANAGER: 434-262-3750

WEATHER DATA SOURCES: AWOS-3 123.875 (434) 676-1078.

COMMUNICATIONS: CTAF/UNICOM 122.7

Ⓡ WASHINGTON CENTER APP/DEP CON 118.75

CLEARANCE DELIVERY PHONE: For CD ctc Washington ARTCC at 703-771-3587.

RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.

LAWRENCEVILLE (L) (L) VORTACW 112.9 LVL Chan 76 N36°49.08'

W77°54.18' 310° 16.0 NM to fld. 350/8W.

VOR unusable:

090 blo 7,000'

090 byd 20 NM

091°-105°

106 blo 7,500'

106 byd 27 NM

107°-170°

171°-280° blo 6,000'

201°-325° byd 17 NM blo 9,000'

326°-089°

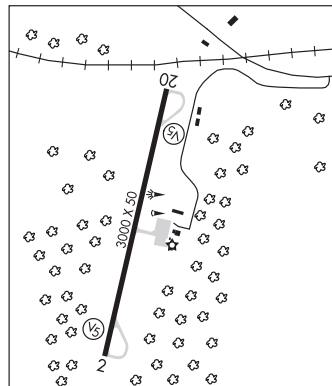
TACAN AZIMUTH unusable:

Blw 3,000'

VOR OTS indef

DME unusable:

Blw 3,000'



LAKE ANNA (See BUMPASS on page 341)

LAKE COUNTRY RGNL (See CLARKSVILLE on page 343)

LANGLEY AFB (LFI)(KLF) AF (NASA A) 3 N UTC-5(-4DT) N37°04.97' W76°21.63'

WASHINGTON

8 B NOTAM FILE LFI Not insp.

H-101, 121, L-35D

RWY 08-26: H10002X150 (CONC-GRVD) PCN 35 R/B/W/T HIRL

IAP, DIAP, AD

RWY 08: ALSF1. PAPI(P4L)—GA 2.8° TCH 53'.

RWY 26: ALSF1. PAPI(P4L)—GA 2.8° TCH 53'.

ARRESTING GEAR/SYSTEM

RWY 08 BAK-15(NI) (60 FT OVRN) HOOK BAK-12B(B) (1100 FT).

HOOK BAK-12B(B) (1002 FT) BAK-15(NI) (44 FT OVRN). **RWY 26**

SERVICE: S4 **OX 2** **MILITARY—LGT** Rwy 08-26 thr lgt gated, mid 70 ft inop/removed. **A-GEAR** BAK-15 cable always in place on Rwy 26 ovrn and net raised at pilots req. BAK-12B(B) pendant cable always in place. BAK-12B extrn. A-G O/S for maint: east BAK-12 Tue 1030-1130Z, west BAK-12 Wed 1030-1130Z. **JASU** 2(M32A-60) 2(MMC-11) 4(A/M 32A-86) **FUEL** A++ (Mil). Exp up to 30 min delay. **OIL** O-133-148-156 **SOAP** **TRAN ALERT** Opr 1130-0430Z wkd, clsd wkend, hol and ACC down days. Exp progressive taxi to park. Flw Me svc avbl O/R.

NOISE: Noise abatement: quiet hr wkdays 0330-1100Z, wkends and hol 0330-1300Z, waivers ctc command post DSN 574-5411.

MILITARY REMARKS: Opr 1100-0300Z Mon-Fri, 1300-2100Z weekends, clsd ACC down days, hol and weekends associated with hol. Ctc command post (CP) DSN 574-5411 or C757-764-5411 outside of opening hrs. **ARFF Index:** ARFF is CAT 8 with 8100 gallon of capability. Steady ARFF cond for Langley AFB is optimum level of svc (OLS) for CAT 1-10. **RSTD** PPR ctc BASE OPS 1030-0430Z DSN 574-2504, C757-764-2504. PPR valid +/- 1 hr of approval time during afld operating hours. If outside of approval time slot ctc BASE OPS to update PPR. Only 1 fixed wing acft authorized from 1300-1400Z. Transport/DV acft ctc Base Ops 20 min prior lgt. ACC RSRs applied to ACC acft only. Transport/DV acft ctc base ops 20 min prior lgt. **CAUTION BASH** Phase I in eff 16 Nov-14 Feb and 01 Apr-14 Sep. BASH Phase II in eff 15 Feb-31 Mar and Sep-15 Nov. Ctc Base Ops for current BASH cond. Inst IFR and VFR hi performance ftr tfc within the Class D Airspace: extv unctl general avn tfc blw 3000 ft over James River and Chesapeake Bay. Dep tfc do not exceed 1000 ft on climbout til dep end of rwy. Laser lgt beam haz to direct visual obsn will be conducted at NASA Langley Research Center within 1/2 NM radius of 37° 06.3' N 76° 22.7' W. Strong caution is advised. Use extreme caution for UAS ops at NASA Langley research center from sfc 400' within 1/2 NM RAD of 370607.51N/762313.88W. Laser beam may be injurious to pilots/pax eyes within all alt of lgt source. Check NOTAM for date/time/duration/affected alt. Wx obsn site lctd 080°-250° due to bldg. ATC will relay twr prevailing vis, sector vis, lcl pireps or an occurrence of prev unreported wx cond that could affect ops to wx fit. Wind shear cond may exist on Rwy 26 thru short final and td, that are prevalent, undetectable and often unrpnt. Increased potential for hydroplaning due to excessive rubber build-up. ALS non-fragible. Afld grass cutting conducted fr Mar-Nov, exp increased bird act in vcntry of mowers. **TFC PAT** Overhead 3000 ft at 5 DME descending to 1500 ft by 3 DME, rgt break Rwy 26, left break Rwy 08. Rectangular 1000 ft rgt tfc Rwy 26, left tfc Rwy 08. **MISC** Afld ops DSN 574-2504, C757-764-2504. Afld mgr DSN 574-2508. DD Form 1801 rqr 90 min prior to etd. Rwy 08-26 grooved. ACC ftr acft exp reduced rwy separation: day/VFR, similar acft 3000 ft, dissimilar type acft 6000 ft. Ngt 6000 ft all acft. Tran acft notify twr on initial ctc if reduced rwy separation is not desired. Afld ops does not have COMSEC or facility to store for tran crews; tran crews should plan to arr with appropriate amount of COMSEC to complete msn. COMSEC can be stored at 1FW Comd Post; DSN 574-5411 C757-764-2504. Towing capabilities limited to universal towbar only. **A** Park, refuel and maintenance avbl on AF ramp. **NASA** Acft intending to operate from NASA ramp shall contact NASA Flight Operations at larc-dl-flltops@mail.nasa.gov to arrange for approval and support prior to arrival. Additionally obtain PPR from 1 OSS/OSA at C757-764-2504 for landing at KLF. Svc not avbl for non-NASA acft. No organic support for large transport category aircraft (power, fuel, lav, steps). However USAF elements may be able to provide support with sufficient advance notice. Taxiway Juliet increased FOD hazard and reduced PCN due to degrading pavement conditions. Acft with ACN greater than 24 or wingspan greater than 80 ft use Taxiway H. Taxiway J limited for night and IFR conditions due to lack of taxiway edge lighting system. Control of perimeter road street lights to stop vehicular traffic is three clicks on 123.375 for Taxiway J and five clicks for Taxiway H. Only NASA BE200, T38, OV10 and T34 can opr on Twy J. Twy J is restricted to acft with total wingspan of 80 ft or less and 100,000 lbs or less gross weight. Weight bearing waivers ctc afld mgr DSN 574-2508.

AIRPORT MANAGER: 757-764-2508

COMMUNICATIONS: SFA ATIS 270.1 PTD 142.3 376.2

② **NORFOLK APP/DEP CON** 126.05 370.925 (010°-080°) 127.9 269.425 (180°-310°) 124.9 379.1 (311°-009°)

TOWER 125.0 253.5 (Opr 1100-0300Z Mon-Fri; 1300-2100Z wk end to support reg sked drill (RSD) guard wk end once a month; clsd federal hol and ACC down days unless ops avy by 1 FWCC)

GND CON 121.7 275.8 **CLNC DEL** 118.85 257.625

COMD POST (Raymond 16) 251.25 (Have quick timing avbl 287.45)

PMSV METRO 239.8 (Alternate PMSV is McGuire AFB on 239.8 wx svc avbl H24 at DSN 574-5908/5907, C757-764-5908/5907. AN/FMQ-19 automated observing sys in use; augmented by human obsn when nec. Dur wx fit closure or evac, remote briefing svc avbl from 15 OP WX SQ (Scott AFB) DSN 576-9755 or 576-9701 thru 9704, C618-256-9755 or 618-256-9701 thru 9704.)

NASA OPS 123.375 310.4a Unmto. C757-864-3887.

CONTINUED ON NEXT PAGE

CONTINUED FROM PRECEDING PAGE

AIRSPACE: CLASS D.

RADIO AIDS TO NAVIGATION: NOTAM FILE LFI.

(L) TACAN Chan 70 LFI (112.3) N37°05.13' W76°21.56' at fld. 7/10W.

TACAN AZIMUTH unusable:

252°-278° byd 20 NM

278°-342°

357°-033° byd 20 NM

DME unusable:

103°-165° byd 30 NM

252°-278° byd 20 NM

278°-342°

357°-033° byd 20 NM

ILS 109.9 I-LFI Rwy 08. No NOTAM MPs unsked; for sys downtimes coord thru 1 OSS/OSA

ILS 109.9 I-ABM Rwy 26. Class IB. No NOTAM MPs unsked; for sys downtimes coord thru 1 OSS/OSA

LAWRENCEVILLE

BRUNSWICK CO (LVL)(KLVL) 3 E UTC-5(-4DT) N36°46.48' W77°47.63'

WASHINGTON

329 NOTAM FILE DCA

L-36G

RWY 18-36: H3020X50 (ASPH) S-12.5 0.6% up N

IAP

RWY 18: Pole.

RWY 36: Road.

AIRPORT REMARKS: Unattended. Arpt clsd SS-SR indefly. Deer on and invof arpt.

AIRPORT MANAGER: 434-848-2767

WEATHER DATA SOURCES: AWOS-3 119.625 (434) 848-2017.

COMMUNICATIONS: CTAF/UNICOM 122.8

Ⓡ WASHINGTON CENTER APP/DEP CON 118.75

RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.

LAWRENCEVILLE (L) (L) VORTACW 112.9 LVL Chan 76 N36°49.08' W77°54.18' 124° 5.9 NM to fld. 350/8W.

VOR unusable:

090 blo 7,000'

090 byd 20 NM

091°-105°

106 blo 7,500'

106 byd 27 NM

107°-170°

171°-280° blo 6,000'

201°-325° byd 17 NM blo 9,000'

326°-089°

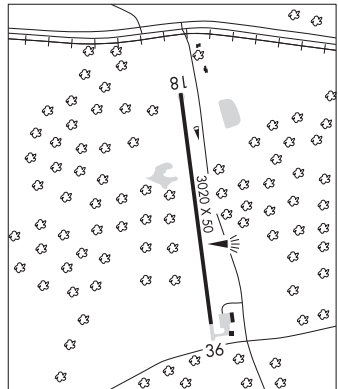
TACAN AZIMUTH unusable:

Blw 3,000'

VOR OTS indef

DME unusable:

Blw 3,000'



LEE CO (See JONESVILLE on page 355)

LEESBURG EXEC (JYO)(KJYO) 3 S UTC-5(-4DT) N39°04.68' W77°33.45'

390 B TPA-1200(810) LRA NOTAM FILE JYO

RWY 17-35: H5500X100 (ASPH-GRVD) S-30, D-70

PCN 63 F/A/W/U HIRL

RWY 17: ODALS. REIL. PAPI(P4L)—GA 3.0° TCH 45'. Tree.

RWY 35: REIL. PAPI(P4L)—GA 3.0° TCH 37'. Tree.

SERVICE: S4 **FUEL** 100LL, JET A **OX 4 LGT** When ATCT clsd ACTVT ODALS Rwy 17; REIL Rwy 17 and 35; PAPI Rwy 17 and 35; PAPI Rwy 17 and 35; HIRL Rwy 17-35—CTAF. Rwy 17 nstd ODALS, 3 lgt configuration.

AIRPORT REMARKS: Attended 1100-0200Z†. Birds and deer on and invof arpt. Hel act on and invof arpt. Calm wind use Rwy 17. Ramp fence southwest side ramps lead-in lines on west ramp not avbl. Psbl thermal plumes fm pwr plant 1.3 NM SSE. U.S. cust avbl Mon-Sun 1100-0200Z†. Call command cntr 703-661-2800 for apntmt. 24 hr notice rqrd.

AIRPORT MANAGER: 703-737-7125

WEATHER DATA SOURCES: AWOS-3 125.225 (703) 777-3781.

COMMUNICATIONS: CTAF 127.5 **UNICOM** 122.975

® **POTOMAC APP/DEP CON** 125.05

LEESBURG TOWER TOWER 127.5 (1300-2300Z†) **GND CON** 120.5

CLNC DEL 120.5 118.55

CLEARANCE DELIVERY PHONE: For CD when ATCT clsd, ctc Potomac Apch 118.55 or 866-709-4993.

RADIO AIDS TO NAVIGATION: NOTAM FILE IAD.

ARMEL (L) (L) VORW/DME 113.5 AML Chan 82 N38°56.08' W77°28.00' 342° 9.6 NM to fld. 296/8W.

VOR unusable:

055°-092° blo 4,500'

093°-115°

116°-210° blo 4,500'

DME unusable:

055°-210° byd 28 NM blo 2,500'

211°-230° byd 30 NM blo 3,000'

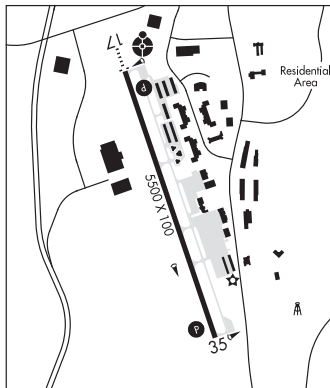
ILS/DME 111.75 I-JYO Chan 54(Y) Rwy 17. Class IE.

WASHINGTON

COPTER

H-10H, 12I, L-29E, 34F, A

IAP



LINDEN N38°51.26' W78°12.33' NOTAM FILE DCA.

(L) (L) **VORTACW** 114.3 LDN Chan 90 335° 4.4 NM to Front Royal-Warren Co. 2435/6W.

DME portion unusable:

115°-150° byd 20 NM blo 3,500'

150°-155° byd 20 NM blo 4,000'

155°-175° byd 20 NM blo 4,500'

175°-200° byd 20 NM blo 5,000'

200°-225° byd 20 NM blo 5,500'

TACAN AZIMUTH unusable:

115°-225° byd 20 NM

WASHINGTON

COPTER

H-10H, 12H, L-29D, 34E, A

LONESOME PINE (See WISE on page 388)

LOUISA CO/FREEMAN FLD (LKU)(KLKU) 2 SE UTC-5(-4DT) N38°00.59' W77°58.21'

WASHINGTON

494 B NOTAM FILE LKU

L-34E, 36H

RWY 09-27: H4300X100 (ASPH) S-12.5 MIRL 0.6% up E

RWY 09: REIL. PAPI(P2L)—GA 3.0° TCH 40'. Trees. Rgt tfc.

RWY 27: REIL. PAPI(P2L)—GA 3.0° TCH 40'. Trees.

SERVICE: S4 **FUEL** 100LL, JET A **LGT** ACTIVATE REIL Rwy 09 and Rwy 27; PAPI Rwy 09 and Rwy 27; MIRL Rwy 09-27—CTAF.

AIRPORT REMARKS: Attended Mon-Fri 1330-2200Z. Sat & Sun clsd. Deer and birds on invof arpt.

AIRPORT MANAGER: 540-967-0050

WEATHER DATA SOURCES: AWOS-3 119.475 (540) 967-1983.

COMMUNICATIONS: CTAF/UNICOM 122.975

® **POTOMAC APP/DEP CON** 132.85 120.525

CLEARANCE DELIVERY PHONE: For CD etc Potomac Apch at 540-349-9697

RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.

GORDONSVILLE (VH) (H) VORTAC 115.6 GVE Chan 103 N38°00.82'

W78°09.18' 097° 8.7 NM to fld. 383/6W.

TACAN AZIMUTH unusable:

250°-260° byd 25 NM blo 7,000'

VOR unusable:

005°-050° byd 40 NM

180°-207° byd 40 NM

208°-218° byd 40 NM blo 3,000'

208°-218° byd 50 NM

219°-225° byd 40 NM

260°-301° byd 40 NM

302°-312° byd 40 NM blo 9,000'

302°-312° byd 65 NM

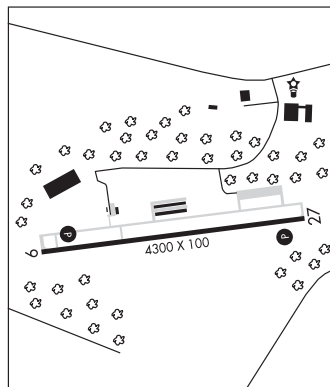
313°-331° byd 40 NM

332°-342° byd 40 NM blo 6,100'

332°-342° byd 46 NM

343°-360° byd 40 NM

LOC/DME 108.55 I-LKU Chan 22(Y) Rwy 27.



LUNENBURG CO (See KENBRIDGE on page 355)

LURAY CAVERNS (LUA)(KLUA) 2 W UTC-5(-4DT) N38°40.00' W78°30.05'

WASHINGTON

902 B NOTAM FILE DCA

L-29D

RWY 04-22: H3126X75 (ASPH) S-12 HIRL

RWY 04: REIL. PAPI(P2L)—GA 3.0° TCH 30'. Tree.

RWY 22: REIL. PAPI(P2L)—GA 3.0° TCH 36'. Road. Rgt tfc.

SERVICE: S4 **FUEL** 100LL, JET A+ **LGT** Actvt REIL Rwy 04-22; HIRL Rwy 04-22—CTAF.

AIRPORT REMARKS: Attended 1300-2300Z. Deer and birds on and invof arpt. Rwy 04-22 mrkgs cvrd with algae.

AIRPORT MANAGER: 540-743-6070

WEATHER DATA SOURCES: AWOS-3 118.275 (540) 743-1148.

COMMUNICATIONS: CTAF/UNICOM 122.8

® **WASHINGTON CENTER APP/DEP CON** 133.2

CLEARANCE DELIVERY PHONE: For CD etc Washington ARTCC at 703-771-3587.

RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.

LINDEN (L) VORTACW 114.3 LDN Chan 90 N38°51.26' W78°12.33' 237° 17.8 NM to fld. 2435/6W.

DME portion unusable:

115°-150° byd 20 NM blo 3,500'

150°-155° byd 20 NM blo 4,000'

155°-175° byd 20 NM blo 4,500'

175°-200° byd 20 NM blo 5,000'

200°-225° byd 20 NM blo 5,500'

TACAN AZIMUTH unusable:

115°-225° byd 20 NM

CAVERNS NDB (MHW) 245 LUA N38°41.96' W78°28.34' 223° 2.4 NM to fld. 834/9W. NDB unmonitored when arpt unatndd.

NDB unusable:

050°-208° byd 10 NM

209°-049° byd 15 NM

LYNCHBURG

FALWELL (W24) 3 SE UTC-5(-4DT) N37°22.68' W79°07.33'

939 TPA—1739(800) NOTAM FILE DCA

RWY 10-28: H2932X50 (ASPH) MIRL 4.7% up W

RWY 10: Tree.

RWY 28: TRCV(TRIL). Trees.

SERVICE: S4 FUEL 100LL LGT Actvt TRIL Rwy 28 CTAF.

AIRPORT REMARKS: Attended 1200-2300Z†, Apr-Oct 1200-0000Z†. Deer on and invof arpt. Land Rwy 28 (west) tkf Rwy 10 (east). Rwy 28 closed for take-off; Rwy 10 closed for landing.

AIRPORT MANAGER: 434-845-8769

COMMUNICATIONS: CTAF/UNICOM 123.0

Ⓡ **ROANOKE APP/DEP CON** 125.475 135.0

CLEARANCE DELIVERY PHONE: For CD ctc Roanoke Apch at 540-563-1307.

RADIO AIDS TO NAVIGATION: NOTAM FILE LYH.

LYNCHBURG (L) (L) VORW/DME 109.2 LYH Chan 29 N37°15.27' W79°14.18' 041° 9.2 NM to fld. 871/5W.

VOR unusable:

200°-210°

330°-360°

COMM/NAV/WEATHER REMARKS: ROA twr svcs avbl at 540-563-1307.

CINCINNATI

L-26J, 36G

IAP

LYNCHBURG RGNL/PRESTON GLENN FLD (LYH)(KLYH) 5 SW UTC-5(-4DT) N37°19.52'

W79°12.07'

938 B ARFF Index—See Remarks NOTAM FILE LYH

RWY 04-22: H7100X150 (ASPH-GRVD) S-90, D-108, 2D-170

PCN 29 F/A/X/T HIRL 0.6% up NE

RWY 04: MALSR. PAPI(P4L)—GA 3.0° TCH 55'. RVR-T

RWY 22: REIL. PAPI(P4L)—GA 3.0° TCH 45'. RVR-R

RWY 17-35: H3386X75 (ASPH) S-25, D-35, 2D-55 MIRL

RWY 17: REIL. PAPI(P2L)—GA 4.0° TCH 16'.

RWY 35: REIL. PAPI(P2L)—GA 4.0° TCH 17'.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 04: TORA-7100 TODA-7100 ASDA-6800 LDA-6800

RWY 17: TORA-3386 TODA-3386 ASDA-3386 LDA-3386

RWY 22: TORA-7100 TODA-7100 ASDA-7100 LDA-7100

RWY 35: TORA-3386 TODA-3386 ASDA-3386 LDA-3386

SERVICE: S4 FUEL 100LL, JET A 0X3 LGT When twr clsd ACTIVATE

MALSR Rwy 04, HIRL Rwy 04-22 and twy lgts—CTAF. REIL Rwy

17-35, PAPI Rwy 17 and Rwy 35, MIRL Rwy 17-35 unavbl when

twr clsd. Rwy 04-22 PAPI lighted 24 hrs.

AIRPORT REMARKS: Attended 1000-0459Z†. Birds and other wildlife on and invof arpt. Rwy 17-35 CLOSED to air carrier acft. All sfc work in progress mowing/maintenance. Extensive flight training on and invof arpt. Class I, ARFF Index A. PPR 12 hrs for unscheduled air carrier ops with more than 30 passenger seats. Call ARFF 434-582-1157. Index "B" coverage provided. Twy G uncontrolled not visible from twr. Twy G clsd to air carrier and acft over 12,500 lbs. Rwy 17-35 PPR for acft over 12,500 lbs.

AIRPORT MANAGER: 434-455-6090

WEATHER DATA SOURCES: ASOS (434) 237-0749 LAWRS.

COMMUNICATIONS: CTAF 127.65 ATIS 119.8 UNICOM 122.95

RCO 122.6 (LEESBURG RADIO)

Ⓡ **ROANOKE APP/DEP CON** 125.475 135.0

TOWER 127.65 (1130-0330Z†) **GND CON** 121.9

CLEARANCE DELIVERY PHONE: For CD when ATCT clsd ctc Roanoke Apch at 540-563-1307.

AIRSPACE: CLASS D svc 1130-0330Z†; other times CLASS E.

RADIO AIDS TO NAVIGATION: NOTAM FILE LYH.

BOJAR NDB (MHW/LOM) 385 LY N37°15.75' W79°14.59' 036° 4.3 NM to fld. 804/8W. NDB unmonitored when

ATCT closed.

(L) (L) VORW/DME 109.2 LYH Chan 29 N37°15.27' W79°14.18' 027° 4.6 NM to fld. 871/5W.

VOR unusable:

200°-210°

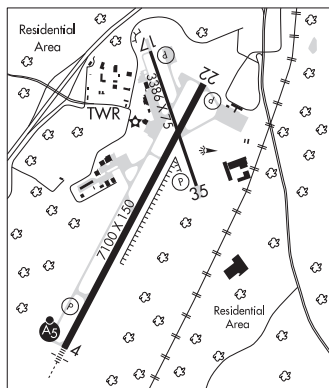
330°-360°

ILS 110.1 I-LYH Rwy 04. Class IE. LOM BOJAR NDB. ILS mon 24 hr at AOC.

CINCINNATI

H-10H, 12H, L-26J, 36G

IAP, AD



MARION/WYTHEVILLE

MOUNTAIN EMPIRE (MKJ)(KMKJ) 9 NE UTC-5(-4DT) N36°53.69' W81°21.00'

CINCINNATI
H-9B, 12H, L-26I
IAP

2558 B NOTAM FILE MKJ

RWY 08-26: H5252X75 (ASPH) S-20 MIRL 1.1% up W

RWY 08: REIL. PAPI(P2L)—GA 3.0° TCH 40'. Trees.

RWY 26: REIL. PAPI(P2L)—GA 3.75° TCH 47'. Road.

SERVICE: S4 **FUEL** 100LL, JET A+ **LGT** MIRL Rwy 08-26 preset low
intst; actvt higher intst—CTAF.

AIRPORT REMARKS: Attended Mon-Sat 1300-2300Z†, Sun clsd, call
276-685-9314. After hrs ctc 276-685-1122. Located 9 NM
northeast Marion.

AIRPORT MANAGER: 276-783-8805

WEATHER DATA SOURCES: AWOS-3 123.875 (276) 686-6420. AWOS dp
unrel.

COMMUNICATIONS: CTAF/UNICOM 122.7

Ⓡ **ATLANTA CENTER APP/DEP CON** 127.85

CLEARANCE DELIVERY PHONE: For CD ctc Atlanta ARTCC at 770-210-7692.

RADIO AIDS TO NAVIGATION: NOTAM FILE PSK.

PULASKI (H) (H) VORTACW 116.8 PSK Chan 115 N37°05.26'
W80°42.77' 256° 32.7 NM to fld. 2127/6W.

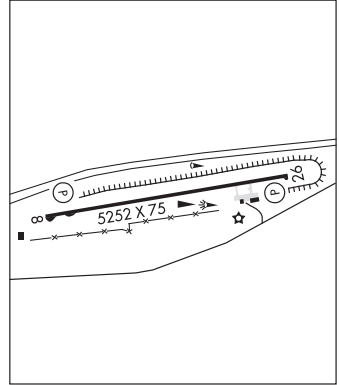
DME unusable:

- 034°-038° byd 25 NM
- 135°-175° byd 25 NM blo 10,000'
- 200°-225° byd 10 NM
- 250°-350° byd 25 NM blo 10,000'
- 284°-286° byd 10 NM blo 10,000'
- 287°-316° byd 25 NM blo 10,000'
- 315°-335° byd 10 NM blo 10,000'
- 334°-033° byd 25 NM blo 10,000'

TACAN AZIMUTH unusable:

- 034°-038° byd 25 NM
- 053°-100°
- 135°-175° byd 25 NM blo 10,000'
- 200°-225° byd 10 NM
- 234°-283°
- 284°-286° byd 10 NM blo 10,000'
- 287°-316° byd 25 NM blo 10,000'
- 315°-335° byd 10 NM blo 10,000'
- 334°-033° byd 25 NM blo 10,000'

LOC/DME 110.5 I-MKJ Chan 42 Rwy 26. LOC unmonitored when arpt unatndd. LOC unusable by 15° left and right
of course.



MARTINSVILLE

BLUE RIDGE (MTV)(KMTV) 8 SW UTC-5(-4DT) N36°37.85' W80°01.10'

941 B NOTAM FILE MTV

RWY 13-31: H5002X100 (ASPH-GRVD) S-30, D-60 MIRL

0.6% up NW

RWY 13: REIL. PAPI(P4L)—GA 3.0° TCH 40'. Tree.

RWY 31: ODALS. REIL. PAPI(P4L)—GA 3.0° TCH 47'. Tree.

SERVICE: S4 FUEL 100LL, JET A+ OX 1, 2, 3, 4 LGT ACTVT REIL

Rwy 13 and Rwy 31; ODALS Rwy 31; PAPI Rwy 13 and Rwy 31; MIRL

Rwy 13-31—CTAF. Rwy 13 PAPI unusbl byd 9 deg right of cntrln.

AIRPORT REMARKS: Attended 1300-2200Z±. Deer on and invof arpt. Cold temperature airport. Altitude correction required at or below -17C.

AIRPORT MANAGER: 276-957-2291

WEATHER DATA SOURCES: AWOS-3 118.45 (276) 957-3784.

COMMUNICATIONS: CTAF/UNICOM 122.7

® **GREENSBORO APP/DEP CON** 124.35

CLNC DEL 124.85

CLEARANCE DELIVERY PHONE: For CD ctc Greensboro Apch at 743-222-6129.

RADIO AIDS TO NAVIGATION: NOTAM FILE GSO.

GREENSBORO (VH) (H) VORTAC 116.2 GSO Chan 109 N36°02.74'

W79°58.58' 360° 35.1 NM to fld. 908/3W.

TACAN AZIMUTH unusable:

255°-290° byd 10 NM blo 6,000'

VOR unusable:

010°-015° byd 40 NM

072°-076° byd 40 NM

083°-093° byd 40 NM blo 6,000'

083°-093° byd 93 NM

107°-111° byd 40 NM

118°-156° byd 40 NM

157°-167° byd 40 NM blo 3,600'

157°-167° byd 48 NM

168°-180° byd 40 NM

196°-199° byd 40 NM

240°-250° byd 40 NM

260°-276° byd 40 NM

277°-288° byd 40 NM blo 3,500'

277°-288° byd 47 NM blo 6,000'

277°-288° byd 56 NM

289°-302° byd 40 NM blo 5,000'

289°-302° byd 55 NM

303°-317° byd 40 NM blo 5,200'

303°-317° byd 55 NM

318°-354° byd 40 NM

BALES NDB (MHW/LOM) 396 UV N36°35.41' W79°55.05' 304° 5.4 NM to fld. 1089/7W. NOTAM FILE MTV.

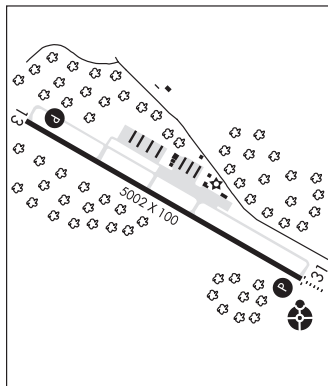
NDB unmonitored when arpt unatndd.

LOC/DME 111.3 I-UVM Chan 50 Rwy 31. LOM BALES NDB. Unmonitored when ATCT clsd.

CINCINNATI

H-9B, 12H, L-26J

IAP



MARY WALKER LZ (APH)(KAPH) A 2 NW UTC-5(-4DT) N38°04.13' W77°19.14'

220 TPA—See Remarks NOTAM FILE DCA Not insp.

RWY 05-23: 2202X100 (TURF)

RWY 23: Rgt tfc.

MILITARY REMARKS: Attended Mon-Fri 1300-2100Z±, excluding holidays, other times on request. **RSTD** Rotary wing acft only.

24 hr PPR 804-633-8272. Sod Rwy 05-23 and Rwy 11-29. Rwy 11-29 primary use parking and refuel. Rwy 11-29

CLOSED to arriving/departing tfc. Advisory svc by aviation opr 1300-2130Z± Mon-Fri exc hol. Other times by range

control staff. 24 hr PPR all acft DSN 578-8713/8272 C804-633-8713/8272. **CAUTION** Rng impact area R-6601A lctd

600m SE from midfld int. **TFC PAT** PTA-900(680) **MISC** 40X40 concrete pad SE of rwy at midfld. Attended/advisory service

from range control Mon-Fri.

COMMUNICATIONS: CTAF 126.2

POTOMAC APP/DEP CON 126.75

CLEARANCE DELIVERY PHONE: For CD ctc Potomac Apch at 866-640-4124.

RADIO AIDS TO NAVIGATION: NOTAM FILE EZF.

SHANNON NDB (MHW) 237 EZF N38°15.98' W77°27.03' 162° 13.4 NM to fld. 83/10W. NDB unmonitored when

arpt unatndd.

NDB unusable:

Byd 15 NM

COMM/NAV/WEATHER REMARKS: Ctc NOMAD Advisory/Range Control on 126.2.

WASHINGTON

L-34E, 36H

MC LAUGHLIN SPB (See CHESTER on page 343)

MECKLENBURG—BRUNSWICK RGNL (See SOUTH HILL on page 379)

MELFA

ACCOMACK CO (MFV)(KMFV) 1 W UTC-5(-4DT) N37°38.81' W75°45.66'

WASHINGTON
H-101, 121, L-361
IAP

48 B TPA—See Remarks NOTAM FILE MFV

RWY 03-21: H5000X100 (ASPH) S-26 MIRL

RWY 03: REIL. PAPI(P2L)—GA 3.0° TCH 40'. Tree.

RWY 21: REIL. PAPI(P2L)—GA 3.0° TCH 40'. Tree.

SERVICE: FUEL 100LL, JET A LGT MIRL Rwy 03-21 preset low intst; incr intst & actvt REIL Rwys 03 & 21—CTAF.

AIRPORT REMARKS: Attended 1330-2230Z†. Deer on and invof arpt.

Self-serve fuel (100LL and Jet A) avbl 24hrs. TPA—898(850) lgt acct, 1548(1500) hvy acct. After hours access to restrooms.

AIRPORT MANAGER: 757-693-5831

WEATHER DATA SOURCES: AWOS-3 118.175 (757) 787-5660.

COMMUNICATIONS: CTAF/UNICOM 122.8

Ⓡ **PATUXENT APP/DEP CON** 127.95 (1200-0400Z† Mon-Sun. Other times by NOTAM) other times ctc

Ⓡ **POTOMAC APP/DEP CON** 127.2

GCO 135.075 (NORFOLK CLNC DEL)

CLEARANCE DELIVERY PHONE: For CD ctc Patuxent Apch at 301-342-3740, when Patuxent Apch is clsd ctc Potomac Apch at 866-640-4124.

RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.

CAPE CHARLES (L) (L) VORTACW 112.2 CCV Chan 59 N37°20.85' W75°59.86' 042° 21.2 NM to fld. 10/10W.

TACAN AZIMUTH unusable:

005°-015° byd 20 NM blo 4,000'

VOR unusable:

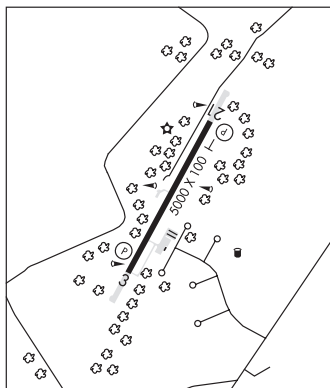
137°-322° byd 17 NM blo 2,000'

137°-322° byd 22 NM blo 3,000'

DME unusable:

005°-015° byd 20 NM blo 4,000'

LOC/DME 110.15 I-MFV Chan 38(Y) Rwy 03.



MIDDLE PENINSULA RGNL (See WEST POINT on page 387)

MONETA

SMITH MOUNTAIN LAKE (W91) 4 SE UTC-5(-4DT) N37°06.46' W79°35.55'

CINCINNATI
L-26J
IAP

892 B NOTAM FILE DCA

RWY 05-23: H3058X50 (ASPH) MIRL 1.2% up NE

RWY 05: Thld dsplcd 250'. Trees.

RWY 23: REIL. Tree.

SERVICE: S4 FUEL 100LL

AIRPORT REMARKS: Attended continuously. Parachute Jumping. Deer on and invof arpt. 24 hr self-serve fuel available with credit card. Clsd to transient practice landings. Rwy 05-23 clsd to transient acct performing TGL and PLA. Rwy 05 mrkgs wrong size arrows. Rwy 23 mrkgs wrong rwy width. Ldg fee for all acct over 5500 lbs published max GW.

AIRPORT MANAGER: 540-297-4859

COMMUNICATIONS: CTAF/UNICOM 122.975

Ⓡ **ROANOKE APP/DEP CON** 135.0

RADIO AIDS TO NAVIGATION: NOTAM FILE LYH.

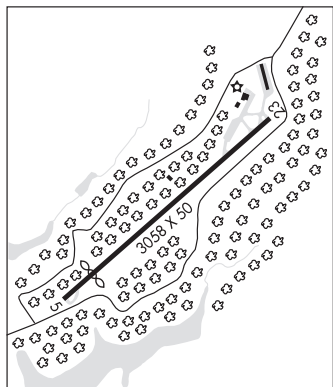
LYNCHBURG (L) (L) VOR/DME 109.2 LYH Chan 29 N37°15.27' W79°14.18' 248° 19.2 NM to fld. 871/5W.

VOR unusable:

200°-210°

330°-360°

COMM/NAV/WEATHER REMARKS: ROA twr svcs avbl at 540-563-1307.



MONTEBELLO N37°54.03' W79°06.41' NOTAM FILE DCA.
 (VL) (L) VOR/DME 115.3 MOL Chan 100 030° 23.9 NM to Shenandoah Valley Rgnl. 3455/5W.
 DME unusable:
 158°-168° byd 30 NM blo 6,000'
 RCO 122.1R 115.3T (LEESBURG RADIO)

CINCINNATI
 H-10H, 12H, L-26J

MOUNTAIN EMPIRE (See MARION/WYTHEVILLE on page 361)

NAILR N38°27.26' W77°54.32' NOTAM FILE CJR.
 NDB (MHW) 351 MSQ 037° 4.8 NM to Culpeper Rgnl. 289/10W.
 NDB unusable:
 260°-355° byd 15 NM

WASHINGTON
 L-29E, 34E, 36I, A

NEW KENT CO (See QUINTON on page 374)

NEW LONDON (See FOREST on page 350)

NEW MARKET (8W2) 2 W UTC-5(-4DT) N38°39.36' W78°42.51'

WASHINGTON

963 B TPA-1788(825) NOTAM FILE DCA

L-22G

RWY 06-24: H2920X60 (ASPH) LIRL(NSTD)

IAP

RWY 06: Trees. Rgt tfc.

RWY 24: Thld dspcd 918'. Pole.

SERVICE: S4 FUEL 100LL LGT Rwy 06-24 NSTD LIRL, thld lgts one fixture each side. Rwy 06 lgtd thld relocated 100' and Rwy 24 lgtd thld relocated 930' for ngt ops, 2020' Rwy 06-24 lgts at ngt. No rwy end lgts Rwy 24. Arpt lights and rotating bcn opr SS-SR.

AIRPORT REMARKS: Attended Mon-Fri 1300-2130Z+. Unattended

Thanksgiving, Christmas and New Years day. Parachute Jumping. Deer and birds on and invof rwy. Skydiving ops within 2 NM of the arpt from 0800-SS every weekend and occasionally during the week. Hot air balloons weekends early morning and late afternoon. Arriving pilots should use caution. Fuel 24 hr credit card svc. Balloon repair station. Acft repairs avbl, but not full-time. Power plant repairs avbl, but not full-time. Approximately 1000' north of rwy, 200' ridge/trees parallel rwy.

AIRPORT MANAGER: 703-327-0444

WEATHER DATA SOURCES: AWOS-3 118.175 (540) 740-3801.

COMMUNICATIONS: CTAF/UNICOM 122.8

® WASHINGTON CENTER APP/DEP CON 133.2

CLEARANCE DELIVERY PHONE: For CD ctc Washington ARTCC at 703-771-3587.

RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.

LINDEN (L) (L) VORTACW 114.3 LDN Chan 90 N38°51.26' W78°12.33' 249° 26.4 NM to fld. 2435/6W.

DME portion unusable:

115°-150° byd 20 NM blo 3,500'

150°-155° byd 20 NM blo 4,000'

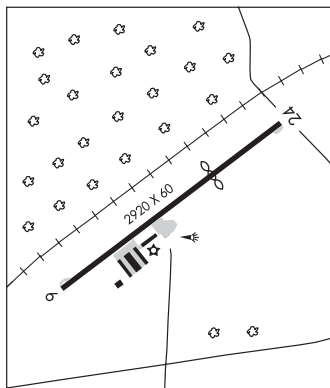
155°-175° byd 20 NM blo 4,500'

175°-200° byd 20 NM blo 5,000'

200°-225° byd 20 NM blo 5,500'

TACAN AZIMUTH unusable:

115°-225° byd 20 NM



NEW RIVER VALLEY (See DUBLIN on page 347)

NEWPORT NEWS/WILLIAMSBURG INTL (PHF)(KPHF) 9 NW UTC-5(-4DT) N37°07.91' W76°29.58'

WASHINGTON
H-101, 121, L-34E, 35D, 36H
IAP, AD

42 B LRA Class I, ARFF Index B NOTAM FILE PHF
RWY 07-25: H8003X150 (ASPH-GRVD) S-100, D-200, 2S-175, 2D-350 PCN 73 R/B/W/T HIRL
RWY 07: MALSR. RVR-T Trees.
RWY 25: REIL. PAPI(P4R)—GA 3.0° TCH 71'. RVR-R Trees.
RWY 02-20: H6526X150 (CONC-GRVD) S-100, D-200, 2S-175, 2D-350 PCN 68 R/C/W/T HIRL
RWY 02: PAPI(P4L)—GA 3.0° TCH 53'.
RWY 20: REIL. PAPI(P4L)—GA 3.0° TCH 43'. Road.

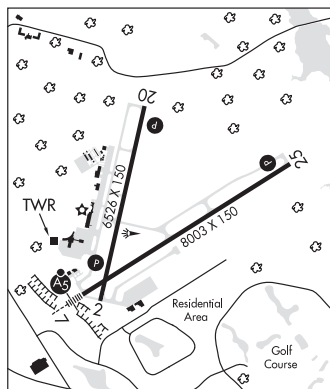
LAND AND HOLD—SHORT OPERATIONS

LDG RWY	HOLD—SHORT POINT	AVBL LDG DIST
RWY 20	07-25	5200
RWY 25	02-20	6550

RUNWAY DECLARED DISTANCE INFORMATION

RWY 02:	TORA-6526	TODA-6526	ASDA-6526	LDA-6526
RWY 07:	TORA-8003	TODA-8003	ASDA-8003	LDA-8003
RWY 20:	TORA-6526	TODA-6526	ASDA-6526	LDA-6526
RWY 25:	TORA-8003	TODA-8003	ASDA-8003	LDA-8003

SERVICE: S4 **FUEL** 100LL, JET A **OX 4** **LGT** Actvt MALSR Rwy 07; REIL Rwy 20 & 25; PAPI Rwy 02, 20 & 25; HIRL Rwy 02-20 & 07-25; twy lgtS—CTAF. Rwy 07 MALSR unmonitored.



AIRPORT REMARKS: Attended continuously. Glider activity approximately 19 miles southwest of arpt, up to base of clouds. Birds invof arpt. Use ctn low lvl hel invof arpt. RC park aprxly 2 miles N of arpt, up to 400 ft. PPR 45 minutes for unscheduled air carrier ops with more than 30 passenger seats call arpt ops at 757-234-0568. Rwy 02-20 CONC-GRVD from AER 20 to 5000'. Remainder ASPH-GRVD. Acft arriving/departing Newport News should announce intentions on CTAF when twr clsd. Ldg fee for acft over 12,500 lbs. Flight Notification Service (ADCUS) available.

AIRPORT MANAGER: 757-877-0221

WEATHER DATA SOURCES: ASOS (757) 874-3682

COMMUNICATIONS: CTAF 118.7 ATIS 128.65 UNICOM 122.95

Ⓡ **NORFOLK APP CON** 125.7 **CLNC DEL** 124.9 (when twr clsd)

TOWER 118.7 (1100-0400Z±) **GND CON** 121.9 **CLNC DEL** 121.65 **PRE TAXI CLNC** 121.65

Ⓡ **NORFOLK DEP CON** 124.9

AIRSPACE: CLASS D svc 1100-0400Z±; other times CLASS E.

RADIO AIDS TO NAVIGATION: NOTAM FILE ORF.

NORFOLK (VH) (H) VORTAC 116.9 ORF Chan 116 N36°53.51' W76°12.02' 323° 20.1 NM to fld. 20/7W.

VOR unusable:

- 050°-070° byd 40 NM
- 100°-150° byd 40 NM
- 170°-180° byd 40 NM
- 211°-221° byd 40 NM blo 6,000'
- 211°-221° byd 81 NM
- 260°-280° byd 40 NM
- 306°-324° byd 40 NM
- 325°-335° byd 10 NM blo 4,000'
- 325°-335° byd 20 NM
- 336°-340° byd 40 NM
- 350°-020° byd 40 NM

TACAN AZIMUTH unusable:

Byd 30 NM blo 2,500'

DME unusable:

Byd 30 NM blo 2,500'

ILS/DME 110.1 I-PHF Chan 38 Rwy 07. Class ID. Unmonitored when ATCT clsd.

LOC/DME 109.3 I-FJQ Chan 30 Rwy 20. Unmonitored when ATCT clsd.

ILS/DME 110.1 I-DHY Chan 38 Rwy 25. Class IE.

NORFOLK

CHESAPEAKE RGNL (CPK)(KCPK) 12 S UTC-5(-4DT) N36°39.94' W76°19.24'

WASHINGTON
H-101, 121, L-35D
IAP

19 B TPA—See Remarks NOTAM FILE CPK

RWY 05-23: H5500X100 (ASPH-GRVD) S-30 HIRL

RWY 05: MALSR. PAPI(P4L)—GA 3.0° TCH 43'. Tree.

RWY 23: REIL. PAPI(P4L)—GA 3.0° TCH 42'. Tree. Rgt tfc.

SERVICE: S4 **FUEL** 100LL, JET A **LGT** ACTVT HIRL Rwy 05-23, MALSR Rwy 05 and REIL Rwy 23—CTAF.

NOISE: Noise abatement procedures in effect; ctc arpt manager 757-432-8110.

AIRPORT REMARKS: Attended 1300-0100Z†. Deer and geese on and invof rwy. For fuel after hrs call in advance 757-421-9000. Self-svc avbl. TPA 1019(1000), turbine/large acct 1519(1500).

AIRPORT MANAGER: 757-432-8110

WEATHER DATA SOURCES: AWOS-3 123.675 (757) 204-4290.

COMMUNICATIONS: CTAF/UNICOM 123.075

Ⓡ **NORFOLK APP/DEP CON** 118.9

CLEARANCE DELIVERY PHONE: GCO avbl on freq 135.075 thru Norfolk CD. If un, for CD ctc Norfolk Apch at 757-464-0757.

RADIO AIDS TO NAVIGATION: NOTAM FILE ORF.

NORFOLK (VH) (H) VORTAC 116.9 ORF Chan 116 N36°53.51' W76°12.02' 210° 14.7 NM to fld. 20/7W.

VOR unusable:

050°-070° byd 40 NM

100°-150° byd 40 NM

170°-180° byd 40 NM

211°-221° byd 40 NM blo 6,000'

211°-221° byd 81 NM

260°-280° byd 40 NM

306°-324° byd 40 NM

325°-335° byd 10 NM blo 4,000'

325°-335° byd 20 NM

336°-340° byd 40 NM

350°-020° byd 40 NM

Byd 30 NM blo 2,500'

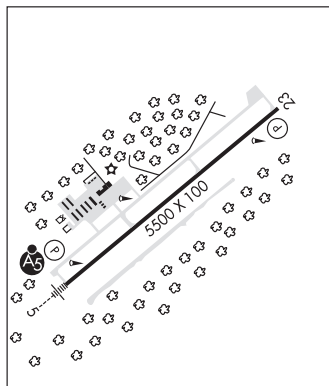
TACAN AZIMUTH unusable:

Byd 30 NM blo 2,500'

DME unusable:

Byd 30 NM blo 2,500'

ILS/DME 111.7 I-EYK Chan 54 Rwy 05. Class IA.



HAMPTON ROADS EXEC (PVG)(KPVG) 7 SW UTC-5(-4DT) N36°46.85' W76°27.08'

WASHINGTON
L-35D, 36H
IAP

28 B TPA—See Remarks NOTAM FILE DCA

RWY 10-28: H5350X100 (ASPH-GRVD) D-75 HIRL

RWY 10: REIL. PAPI(P4L)—GA 3.0° TCH 45'. Tree. Rgt tfc.

RWY 28: REIL. PAPI(P4L)—GA 3.0° TCH 45'. Tree.

RWY 02-20: H3525X70 (ASPH) S-12.5 MIRL

RWY 02: Thld dsplcd 898'. Road.

RWY 20: Thld dsplcd 928'. Trees. Rgt tfc.

SERVICE: S4 **FUEL** 100LL, JET A+ **LGT** Actvt REIL Rwy 10 & 28; PAPI Rwy 10 & 28; MIRL Rwy 02-20; HIRL Rwy 10-28—CTAF.

AIRPORT REMARKS: Attended 1130-0200Z†. Deer on & invof arpt. Extensive helicopter training. Rwy 10-28 preferred use rwy. Rwy 10 and Rwy 20 rgt tfc for fixed wing acft. Rwy 10-28 preferred use rwy. Be alert for multiple 1000 ft AGL twrs 1.5 NM NW of fld. Rwy 02-20 has nmrs cracks. Twys supporting rwy have nmrs cracks and FOD potential.

TPA—700(677) for helicopters.

AIRPORT MANAGER: 757-465-0260

WEATHER DATA SOURCES: AWOS-3PT 118.375 (757) 465-2175.

COMMUNICATIONS: CTAF/UNICOM 122.725

Ⓡ **NORFOLK APP/DEP CON** 118.9

CLEARANCE DELIVERY PHONE: For CD etc Norfolk Apch at 757-464-0757.

RADIO AIDS TO NAVIGATION: NOTAM FILE ORF.

NORFOLK (VH) (H) VORTAC 116.9 ORF Chan 116 N36°53.51' W76°12.02' 248° 13.8 NM to fld. 20/7W.

VOR unusable:

050°-070° byd 40 NM

100°-150° byd 40 NM

170°-180° byd 40 NM

211°-221° byd 40 NM blo 6,000'

211°-221° byd 81 NM

260°-280° byd 40 NM

306°-324° byd 40 NM

325°-335° byd 10 NM blo 4,000'

325°-335° byd 20 NM

336°-340° byd 40 NM

350°-020° byd 40 NM

Byd 30 NM blo 2,500'

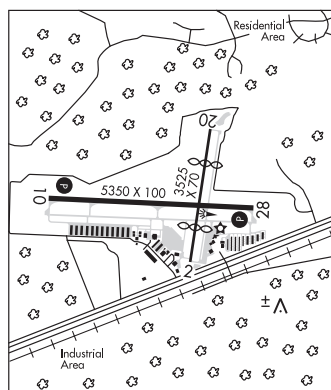
TACAN AZIMUTH unusable:

Byd 30 NM blo 2,500'

DME unusable:

Byd 30 NM blo 2,500'

ILS/DME 110.75 I-PVG Chan 44(Y) Rwy 10. Class IB. Autopilot cpd apchs na blw 800' MSL. Unmonitored.



NORFOLK INTL (ORF)(KORF) 3 NE UTC-5(-4DT) N36°53.68' W76°12.07'

26 B LRA Class I, ARFF Index C NOTAM FILE ORF

RWY 05-23: H9001X150 (ASPH-CONC-GRVD) S-150, D-200,

2S-175, 2D-350, 2D/2D2-475 PCN 53 R/C/W/T HIRL CL

RWY 05: MALSR. PAPI(P4L)—GA 3.0° TCH 71'. RVR-T Thld dsplcd 1001'. Trees. Rgt tfc.

RWY 23: MALSR. PAPI(P4L)—GA 3.0° TCH 55'. RVR-R Pole.

RWY 14-32: H4876X150 (ASPH-GRVD) S-75, D-100, 2S-127

PCN 27 F/A/W/T MIRL

RWY 14: REIL. PAPI(P2L)—GA 3.0° TCH 36'. Thld dsplcd 575'. Tree. Rgt tfc.

RWY 32: REIL. PAPI(P2L)—GA 3.0° TCH 34'. Tree.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 05: TORA-9001 TODA-9001 ASDA-8809 LDA-7809

RWY 14: TORA-4876 TODA-4876 ASDA-4876 LDA-4301

RWY 23: TORA-9001 TODA-9001 ASDA-8995 LDA-8995

RWY 32: TORA-4876 TODA-4876 ASDA-3901 LDA-3901

SERVICE: S2 FUEL 100LL, JET A OX 1, 2, 4

NOISE: Noise abatement procedures in effect.

AIRPORT REMARKS: Attended continuously. Parachute Jumping. Flocks of birds on and in/ovf arpt. Intmt afld mowing ops Mar-Nov. Rwy 05-23 grvd 7300' X 130' standard grooving beginning 200' from AER 05.

Rwy 05-23 longl cracks & spalling. Ldg fee. Flight Notification Service (ADCUS) avbl.

AIRPORT MANAGER: 757-857-3344

WEATHER DATA SOURCES: ASOS (757) 460-9348 WSP.

COMMUNICATIONS: ATIS 127.15 (757) 464-1390

RCO 122.1R 116.9T (LEESBURG RADIO)

Ⓡ **APP CON** 118.9 (010°-080°) (180°-310°) 125.7(311°-009°)

TOWER 120.8 **GND CON** 121.9 **CLNC DEL** 118.5

Ⓡ **DEP CON** 125.2

AIRSPACE: CLASS C svc ctc **APP CON**.

RADIO AIDS TO NAVIGATION: NOTAM FILE ORF.

(VH) (H) **VORTAC** 116.9 ORF Chan 116 N36°53.51' W76°12.02' at fld. 20/7W.

VOR unusable:

050°-070° byd 40 NM

100°-150° byd 40 NM

170°-180° byd 40 NM

211°-221° byd 40 NM blo 6,000'

211°-221° byd 81 NM

260°-280° byd 40 NM

306°-324° byd 40 NM

325°-335° byd 10 NM blo 4,000'

325°-335° byd 20 NM

336°-340° byd 40 NM

350°-020° byd 40 NM

Byd 30 NM blo 2,500'

TACAN AZIMUTH unusable:

Byd 30 NM blo 2,500'

DME unusable:

Byd 30 NM blo 2,500'

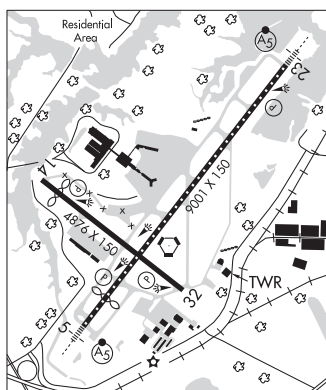
ILS/DME 109.1 I-ORF Chan 28 Rwy 05. Class IB. Glideslope unusable for coupled apch blw 1,180' MSL.

ILS/DME 109.1 I-JZQ Chan 28 Rwy 23. Class IA.

WASHINGTON

H-101, 121, L-350, 36H

IAP, AD



NORFOLK NS (CHAMBERS FLD) (NGU)(KNGU) N 0 NW UTC-5(-4DT) N36°56.25' W76°17.36'
 15 B NOTAM FILE NGU Not insp.

WASHINGTON
 H-101, 121, L-35D, 36H
 DIAP, AD

RWY 10-28: H8370X200 (ASPH-GRVD) PCN 56 R/B/W/T HIRL CL
RWY 10: ALSF2. OLS. TDZL. REIL. PAPI(P4R)—GA 3.0° TCH 35'. Thld dsplcd 299'.

RWY 28: SSALF. OLS. TDZL. REIL. PAPI(P4R)—GA 3.0° TCH 36'. Thld dsplcd 995'. Rgt tfc.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 10: TORA-8370 LDA-8071
RWY 28: TORA-8370 LDA-7375

ARRESTING GEAR/SYSTEM

RWY 10 HOOK E28(B) (1500 FT). **HOOK E28 (B) (1062 FT). RWY 28**

SERVICE: OX 1, 2 **MILITARY—A-GEAR** Avoid centrln lgt Rwy 10-28 dur cable engagement to prevent tailhook skip. Dist Rwy 28 measured fr dspl thr. E-28(B) in raised posn at dep end of rwy nrmlly. Shortfld gear avbl with 20 min PN. **JASU** (NC-10C) (NC-8A/A1) (NCPN-105 Ctc Air Ops Duty Officer to ensure avbl.) **FUEL** J5. No tran copter hot pit wo prior coord with host squadron. **FLUID** ADI SP PRESAIR LHOX LOX OIL Unavbl. **TRAN ALERT** Ltd tran maint avbl wkend only 1200-2000Z†. Tran maint unavbl OT. 2 hr PN rqr for LOX. Lavatory svc unavbl for C-130 acft. Potable water unavbl. No tran work/msn planning/briefing spaces or COMSEC stor for detts.

NOISE: Noise abatement; No practice apch Mon-Sat 0400-1200Z†, Sun 0400-1800Z†. OT by NOTAM. No copter ovft Willoughby Spit exc via Point Xray (Chambers TACAN R-042/1.5 DME) or point Yankee (Chambers Tacan R-009/1.8 DME) at 500'.

MILITARY REMARKS: CLSD 0400Z† fourth THU NOV-1200Z† fourth FRI NOV, CLSD 1900Z† 24 DEC-1200Z† 26 DEC, CLSD 1900Z† 31 DEC-1200Z† 2 JAN. See FLIP AP/1 Supplementary Arpt Information. **RSTD** PPR for non Chambers fld based acft. DSN 262-3419/3429. C757-322-3419/3429. AMC/ATOC DSN 564-4735/3922, C757-444-4735/3922. Acft utilizing AMC trml ctc ATOC/AMC trml 15 min prior arr with load rpt. Acft overseas ctc AMC/ATOC via phone patch 2 hr prior arr for cstm. All other acft, ctc Base Ops 15 min prior arr. **CAUTION** Extv fish spotter acft activity (single engine general aviation acft) upwards from 1500' over Chesapeake Bay and adjacent coastal waters. Do not mistake Norfolk Intl 5 NM SE for Chambers Field, while inbd on TACAN/RNAV Rwy 28 apchs. Chambers Field has a single rwy; Norfolk Intl has intersecting rwys. Arr/dep TCAS equipped acft should expect numerous TCAS alerts from ships or transmitting into/out of the Chesapeake and coastal waters. Extv VFR tfc opr west of Chambers Class D and Norfolk Class C Airspace. Bird haz. Rwy 28 multiple cranes 1.2 NM to 1.3 NM fm DER 1600' L to 4000' R of cntrln 260' MSL. **TFC PAT R** tfc Rwy 28. Basic f/w/VFR min 1000' and 3 NM. Heliport Rwy 09-27. **MISC** Rwy 10-28 grooved. Flight plans for NS Norfolk, Chambers Fld and NAS Oceana should be faxed to DSN 565-9680, C757-445-9680, or emailed to kngu.ftplng.fct@navy.mil. To CFM receipt of flight plans call NS Norfolk, Chambers Fld flight planning supervisor at DSN 262-3419/3429, C757-322-3419/3429. For civil lndg permit (CALP) info ctc afld mgr C757-322-3419/3429.

COMMUNICATIONS: SFA ATIS 118.425 338.225

Ⓡ **NORFOLK APP CON** 118.9 273.475 (010°-310°) 125.7 335.625 (311°-009°)
CHAMBERS TOWER 124.3 379.15 **GND CON** 121.8 370.85 **CLNC DEL** 120.7 339.8

Ⓡ **DEP CON** 125.2 335.625 363.125

NAVY NORFOLK HELI TWR 126.375 290.5 (Opr Mon-Fri 1300-0400Z†, clsd Sat, Sun, and hol)

NAVY NORFOLK HELI GND CON 298.95 **AMC/ATOC** 130.65 349.5 **METRO** 271.6 **BASE OPS** 134.1 268.8

AIRSPACE: CLASS D.

RADIO AIDS TO NAVIGATION: NOTAM FILE ORF.

(VH) (H) VORTAC 116.9 ORF Chan 116 N36°53.51' W76°12.02' 310° 5.1 NM to fld. 20/7W.

VOR unusable:

- 050°-070° byd 40 NM
- 100°-150° byd 40 NM
- 170°-180° byd 40 NM
- 211°-221° byd 40 NM blo 6,000'
- 211°-221° byd 81 NM
- 260°-280° byd 40 NM
- 306°-324° byd 40 NM
- 325°-335° byd 10 NM blo 4,000'
- 325°-335° byd 20 NM
- 336°-340° byd 40 NM
- 350°-020° byd 40 NM

TACAN AZIMUTH unusable:

Byd 30 NM blo 2,500'

DME unusable:

Byd 30 NM blo 2,500'

CHAMBERS (L) TACAN Chan 86(Y) NGU (113.95) N36°56.40' W76°16.64' at fld. 10/10W. NOTAM FILE NGU.

TACAN AZIMUTH unusable:

261°-269° byd 20 NM

No NOTAM MP Wed 1230-1630Z†

ILS/DME 108.95 I-NGU Chan 26(Y) Rwy 10. Class IC. No NOTAM MP Wed 1230-1630Z†.

ASR/PAR

COMM/NAV/WEATHER REMARKS: Radar svc avbl Mon 1200Z† thru Fri 0400Z†. **ILS/TACAN/Radar**—ILS or LOC/DME Rwy 10—BC unused. ILS and TACAN no NOTAM MP Wed 1230-1630Z†. Radar—See Terminal Flip for Radar Minima.

OCEANA NAS (APOLLO SOUCEK FLD) (NTU)(KNTU) N 3 SW UTC-5(-4DT) N36°49.36' WASHINGTON
W76°01.91' H-101, 121, L-35D
22 B NOTAM FILE NTU Not insp. DIAP, AD

RWY 05R-23L: H12001X200 (PEM) PCN 79 R/C/W/T HIRL CL
RWY 05R: ALSF1. OLS.
RWY 23L: ALSF1. OLS.

RWY 14L-32R: H8001X150 (PEM) PCN 76 R/C/W/T HIRL
RWY 14L: OLS.
RWY 32R: OLS.

RWY 05L-23R: H8000X150 (PEM) PCN 90 R/B/W/T HIRL
RWY 05L: OLS.
RWY 23R: OLS.

RWY 14R-32L: H8000X200 (PEM) PCN 75 R/B/W/T HIRL CL
RWY 14R: OLS.
RWY 32L: ALSF1. OLS.

ARRESTING GEAR/SYSTEM

RWY 05R HOOK E28(B) (1412 FT).	HOOK E28(B) (1435 FT).	RWY 23L
RWY 14L HOOK E28(B) (1461 FT).	HOOK E28(B) (1476 FT).	RWY 32R
RWY 05L HOOK E28(B) (1476 FT).	HOOK E28(B) (1506 FT).	RWY 23R
RWY 14R HOOK E28(B) (1414 FT).	HOOK E28(B) (1454 FT).	RWY 32L

SERVICE: OX 1, 2, 3, 4 **MILITARY—A-GEAR** A-G nml rigged all rwy except inboard rwy shortfield A-G. **JASU** (NC-10C) (NC-108) (MSU-200 Ctc Air OPS Duty Officer to ensure avbl.) **FUEL** J5. No fuel svc 0430-0530Z†. Ltd fuel svc avbl 0330-04300Z† and 0530-1230Z† dur pers rstd. Tran hot pit avbl 1300-0330Z† Mon-Fri, PPR; unavbl weekend/hol. **FLUID** SP LHOX LOX unavail wkends and hol. **OIL** Unavailable. **TRAN ALERT** Tran line 1230-0330Z† Mon-Fri; 1300-2300Z† Sat, Sun, and hol. Ltd prk/stor fac. Dur peak periods extv delay in tran svq. **JOSAC/NALO** have priority. No LAV svc or potable water avbl. No on/off base trnsp avbl.

NOISE: Noise abtmt: Strict compliance rqr with program outlined in FLIP AP/1 Suppl rmt pmk.

MILITARY REMARKS: Class D and Class E-ext avail 0500-0459Z† Sun-Sat exc by NOTAM. A/D use ctn parasailing will take place along the coast from NTU 350 CW 160 from coastline to 3 NM. SFC-400'. Daytime and VMC only. From 1 Apr until 30 Oct. See FLIP AP/1 Supplementary Arpt Information. For civil acft landing permit (CALP) info ctc afld mgr C757-433-2318/2161. **RSTD** PPR rqr 48 hr prior non-Oceania based acft DSN 433-2161/2163, C757-433-2161/2163. Sta to final ldg only 0300-1200Z†, Sun 0000-1800Z†. Vice final ldg only 0400-1200Z†, Sun 0400-1800Z†. Sun all fixed wing and hel fit avl 1000' arr/dep must file IFR fit plan. VFR/special VFR copter route mandatory for all hel fits at or blw 1000'. **CAUTION** During VMC all dep and practice inst apch fly rwy heading and do not exceed 1000' until past dep end due extensive overhead tfc **TFC PAT-1500**. Simultaneous ldg/dep are conducted on parl rwy located 700' apart. Extv jet trng Oceana NAS/Fentress NALF. Reduced rwy sepn std in effect USN/USMC acft. Dur peak periods expt one apch to full stop ldg. **MISC** NS Norfolk, Chambers Fld coordinates all flight planning svcs. Flight plans should be emailed to kngu.ftplng.fct@navy.mil or faxed to DSN 565-9680, C757-445-9680. To cfm receipt of fit plans call NS Norfolk, Chambers Fld fit planning supervisor at DSN 262-3419/3429, C757-322-3419/3429. Huffer air start svc unavbl to transient acft. Use caution, parasailing will take place along the coast from NTU R-350 to NTU R-160 from coastline to 3 NM, sfc-400' dalgt and VMC only from 1 Apr til 30 Oct. All sfc WIP grass cutting along rwys and twys. **CSTMS/AG/IMG** Avbl Oceana NAS based tactical acft only. Require 48 hr prior notice to Base Ops. Aircrew rqr to remain in acft until rstd by Customs.

WEATHER DATA SOURCES: ASOS DSN-433-3619

COMMUNICATIONS: SFA 288.3 346.4 328.4 310.8 363.1 352.1 348.75 **ATIS** 317.6 (DSN-433-2377 C757-433-2377)

® **OCEANA APP/DEP CON** 266.8 123.9

TOWER 127.075 360.2 **GND CON** 119.6 336.4 **CLNC DEL** 254.4

PMSV 387.4 **BASE OPS** 284.9 (not avbl 0700-1200Z†) **ATCOM** 6723

AIRSPACE: CLASS D svc 0500-0459Z†; other times CLASS E.

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RADIO AIDS TO NAVIGATION: NOTAM FILE NTU.

(H) TACAN Chan 113 NTU (116.6) N36°49.45' W76°02.22' at fld. 16/10W.

TACAN AZIMUTH unusable:

- 000°-059° byd 30 NM blo 3,000'
- 090°-109° byd 30 NM blo 1,500'
- 110°-199° byd 30 NM blo 2,000'
- 200°-209° byd 20 NM blo 2,000'
- 210°-239° byd 20 NM blo 4,000'
- 240°-290° blo 6,000'
- 291°-339° byd 15 NM blo 5,000'
- 340°-359° byd 20 NM blo 3,000'

DME unusable:

- 000°-059° byd 30 NM blo 3,000'
- 090°-109° byd 30 NM blo 1,500'
- 110°-199° byd 30 NM blo 2,000'
- 200°-209° byd 20 NM blo 2,000'
- 210°-239° byd 20 NM blo 4,000'
- 240°-290° blo 6,000'
- 291°-339° byd 15 NM blo 5,000'
- 340°-359° byd 20 NM blo 3,000'

ASR/PAR

COMM/NAV/WEATHER REMARKS: Radar see Terminal FLIP for Radar Minima.

ORANGE CO (OMH)(KOMH) 3 E UTC-5(-4DT) N38°14.83' W78°02.74'

WASHINGTON

464 B NOTAM FILE OMH

L-34E, 36H, A

RWY 08-26: H3200X75 (ASPH-AFSC) S-12 MIRL 0.6% up NE

IAP

RWY 08: REIL. PAPI(P2L)—GA 4.0° TCH 42'. Tree.

RWY 26: REIL. PAPI(P2L)—GA 4.0° TCH 44'. Pole.

SERVICE: FUEL 100LL, JET A+ LGT ACTVT REIL Rwy 08 and Rwy 26; PAPI Rwy 08 and Rwy 26; MIRL Rwy 08-26—CTAF.

AIRPORT REMARKS: Attended 1300-2200Z. Unattended federal hol and Easter. Term open business hrs. Parachute operations. 100LL self service after hours. Jet A+ self service after hours.

AIRPORT MANAGER: 540-672-2158

WEATHER DATA SOURCES: AWOS-3 118.075 (540) 672-0505.

COMMUNICATIONS: CTAF/UNICOM 122.8

® POTOMAC APP/DEP CON 132.85 120.525

CLEARANCE DELIVERY PHONE: For CD ctc Potomac Apch at 866-640-4124.

RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.

GORDONSVILLE (VH) (H) VORTAC 115.6 GVE Chan 103 N38°00.82'

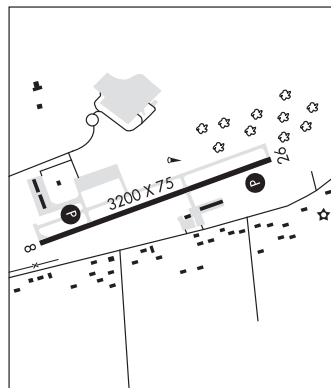
W78°09.18' 026° 14.9 NM to fld. 383/6W.

TACAN AZIMUTH unusable:

250°-260° byd 25 NM blo 7,000'

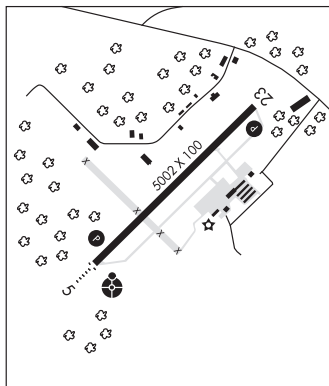
VOR unusable:

- 005°-050° byd 40 NM
- 180°-207° byd 40 NM
- 208°-218° byd 40 NM blo 3,000'
- 208°-218° byd 50 NM
- 219°-225° byd 40 NM
- 260°-301° byd 40 NM
- 302°-312° byd 40 NM blo 9,000'
- 302°-312° byd 65 NM
- 313°-331° byd 40 NM
- 332°-342° byd 40 NM blo 6,100'
- 332°-342° byd 46 NM
- 343°-360° byd 40 NM



PETERSBURG**TRI CITIES EXEC/DINWIDDIE CO** (PTB)(KPTB) 5 SW UTC-5(-4DT) N37°11.06' W77°30.37'**WASHINGTON**

193 B TPA—993(800) NOTAM FILE PTB

H-10H, 12I, L-36H**RWY 05-23:** H5002X100 (ASPH-GRVD) S-25, 2S-83 MIRL**IAP****RWY 05:** ODALS. PAPI(P4L)—GA 3.0° TCH 42'. Tree.**RWY 23:** REIL. PAPI(P4L)—GA 3.0° TCH 40'. Tree.**SERVICE:** S4 **FUEL** 100LL, JET A **LGT** ACTVT ODALS Rwy 05; REIL Rwy 23; PAPI Rwys 05 and 23; and MIRL Rwy 05-23—CTAF.**AIRPORT REMARKS:** Attended Apr-Sep Mon-Sun 1200-0000Z†, Oct-Mar Mon-Sun 1200-2300Z†. Ultralight act on and invof arpt. 100LL self svc fueling avbl after hrs. Conc pads on main apron avbl for hel parking. Ctc UNICOM for terminal hel parking. Helicopters apch parl to Rwy 05-23 and transition perpendicular to Rwy 05-23 to helipads on NE corner of apron.**AIRPORT MANAGER:** 804-861-0218**WEATHER DATA SOURCES:** AWOS-3 133.325 (804) 861-5551.**COMMUNICATIONS:** CTAF/UNICOM 122.7Ⓡ **POTOMAC APP/DEP CON** 126.75**CLEARANCE DELIVERY PHONE:** GCO avbl on freq 135.075 thru Potomac Apch CD. If una, for CD ctc Potomac Apch at 866-640-4124.**RADIO AIDS TO NAVIGATION:** NOTAM FILE DCA.**HOPEWELL (L) (L) VORTACW** 114.35 HPW Chan 90(Y) N37°19.73' W77°06.96' 251° 20.6 NM to fld. 70/6W.**LOC/DME** 110.3 I-JLS Chan 40 Rwy 05. LOC unmonitored when arpt unatndd.**PULASKI** N37°05.26' W80°42.77' NOTAM FILE PSK.**CINCINNATI****(H) (H) VORTACW** 116.8 PSK Chan 115 035° 3.4 NM to New River Valley. 2127/6W.**H-10H, 12H, L-26I**

DME unusable:

034°-038° byd 25 NM

135°-175° byd 25 NM blo 10,000'

200°-225° byd 10 NM

250°-350° byd 25 NM blo 10,000'

284°-286° byd 10 NM blo 10,000'

287°-316° byd 25 NM blo 10,000'

315°-335° byd 10 NM blo 10,000'

334°-033° byd 25 NM blo 10,000'

TACAN AZIMUTH unusable:

034°-038° byd 25 NM

053°-100°

135°-175° byd 25 NM blo 10,000'

200°-225° byd 10 NM

234°-283°

284°-286° byd 10 NM blo 10,000'

287°-316° byd 25 NM blo 10,000'

315°-335° byd 10 NM blo 10,000'

334°-033° byd 25 NM blo 10,000'

RCO 122.3 (LEESBURG RADIO)

QUANTICO MCAF (TURNER FLD) (NYG)(KNYG) MC 1 S UTC-5(-4DT) N38°30.22' W77°18.30' WASHINGTON
 10 B NOTAM FILE DCA Not insp. L-29E, 34E, 36I, A
RWY 02-20: H4250X184 (PEM-GRVD) PCN 69 R/B/W/T HIRL CL DIAP, AD
RWY 02: REIL. PAPI(P4L)—GA 3.0° TCH 35' .
RWY 20: REIL.

SERVICE: FUEL JET A1+ OX1 MILITARY—LGT Rwy 02 – Cntrln lgts first 1000 ft. When twr clsd actvt REILS Rwy 02 & 20; PAPI Rwy 02; HIRL Rwy 02-20; CL Rwy 02; twy lgts—CTAF. To actvt & incr ints crmsnd key 118.6, 7 times high, 5 times med, 3 times low. FUEL A+ +; limited supply. Exp no more than 10,000 over PPR. **TRAN ALERT** No tran maint avbl. Rqr qualified crew member to assist in cold refueling.

NOISE: Noise Abatement: The area in and around the Quantico Class D Airspace is noise sensitive. Copter transit Quantico Class D Airspace at or abv 1000' AGL.

MILITARY REMARKS: Opr Mon–Thur 1300–0000Z†, Fri 1300–2200Z†, CLOSED Sat, Sun and hol. **RSTD** All tran acct 24 hr PPR, Base Ops DSN 278–2085/1459, or C703–784–2085/1459. After 2200Z† and on wkends call DSN 378–0929 or C703–675–3623 for PPR. Mil acct and light civil acct opr at other than published hr SR–SS only. Clsd fld opr not authorized for tran acct. **CAUTION** Bird haz vcntry Rwy 02–20 SR–SS. Hvy migratory bird act Oct–Mar, hvy Osprey act Mar–Jul, heavy Eagle act Dec–Jul. No mandatory rwy VFR hold position signs co-located w/markings on Twys A, B, and D. Rwy 02 ovrn 100'. Rwy 20 no ovrn. Twy D sfc consists of AM-2 aluminum matting with non-skid all wx coating; no edge lgtnng on Twy D. Ltd lgtnng on N edge of Twy B btn rwy and int of parl twy. Twy C clsd. Marked and lighted 4' deep x 4' diameter hole 10' from rwy edge west side, 280' south of Rwy 20 thld. **CTSMS/AG/IMG** Avbl with 72 hr PN PPR only. **MISC** MCAF Quantico and R-6608 lie within the Washington ADIZ. Pilots must adhere to ADIZ reporting procedures in both these areas. Twy A limited to R/W dalgt VFR only. C-17 landing zone marked but not certified. Assault lgds not authorized. Cat II crash/fire rescue svc. Rwy 02-20 grooved full length. MCAF Quantico has no provisions for Space A passengers. Space A passengers cannot be on-loaded or off-loaded due to security issues. No 180 deg turns on rwy asphalt. 180° turns only on conc EOR. No staggered acct devs from RCL.

AIRPORT MANAGER: 703-784-2084

COMMUNICATIONS: SFA CTAF 118.6 ATIS 263.15 (Mon and Fri 1300–2200Z†, Tue 1600–0200Z†, Wed–Thu 1300–0200Z†)

Ⓡ **APP/DEP CON** 127.05 290.375 (1300–0200Z† Mon–Thu, 1300–2200Z† Fri, opr Sat, Sun and hol by NOTAM only.)

Ⓡ **POTOMAC APP/DEP CON** 128.525 306.925 (When twr clsd)

TOWER 118.6 360.2 (1300–0200Z† Mon–Thu, 1300–2200Z† Fri, opr Sat, Sun and hol by NOTAM only)

GND CON 121.75 340.2 **PMSV METRO** 355

CLEARANCE DELIVERY PHONE: For CD when NYG ATCT/Apch are clsd ctc Potomac Apch at 866-709-4993.

AIRSPACE: CLASS D svc 1300–0200Z† Mon–Thu, 1300–2200Z† Fri, opr Sat, Sun, and hol by NOTAM only; other times CLASS G.

RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.

BROOKE (L) (L) VORTAC 114.5 BRV Chan 92 N38°20.18' W77°21.17' 022° 10.3 NM to fld. 145/9W.

DME unusable:

011°–060° byd 20 NM

061°–120°

121°–161° byd 17 NM

162°–238°

239°–249° byd 5 NM

250°–010°

VOR unusable:

001°–360°

TACAN AZIMUTH unusable:

011°–060° byd 20 NM

061°–120°

121°–161° byd 17 NM

162°–238°

239°–249° byd 5 NM

250°–010°

ILS/DME 108.3 I-NYG Chan 20 Rwy 02. LOC unusable wi 0.5 NM. LOC unusable byd 20° left and right of course.

ASR/PAR (1300–0200Z† Mon–Thu, 1300–2200Z† Fri, opr Sat, Sun and holidays by NOTAM only)

COMM/NAV/WEATHER REMARKS: Radar see Terminal FLIP for Radar Minima.

QUINTON

NEW KENT CO (W96) 8 W UTC-5(-4DT) N37°30.21' W77°07.59'

121 B TPA-921(800) NOTAM FILE DCA

RWY 11-29: H3602X75 (ASPH) S-12.5 MIRL 0.4% up W

RWY 11: REIL. PAPI(P2R)-GA 4.0° TCH 45'. Road.

RWY 29: REIL. PAPI(P2L)-GA 4.0° TCH 45'. Trees.

SERVICE: S2 **FUEL** 100LL **LGT** Actvt REIL Rwy 11 & 29; MIRL Rwy

11-29-CTAF. Rotg bcn not visible when approaching fm the north.

AIRPORT REMARKS: Attended 1400-2200Z†. Deer on and invof arpt.

100LL avbl 24 hrs, credit card required when unattended.

AIRPORT MANAGER: 804-932-3984

WEATHER DATA SOURCES: AWOS-3 119.875 (804) 932-8863.

COMMUNICATIONS: CTAF/UNICOM 122.8

Ⓡ **POTOMAC APP/DEP CON** 126.4

CLEARANCE DELIVERY PHONE: For CD ctc Potomac Apch at 866-640-4124.

RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.

HOPEWELL (L) (L) VORTACW 114.35 HPW Chan 90(Y)

N37°19.73' W77°06.96' 003° 10.5 NM to fld. 70/6W.

WASHINGTON

L-34E, 36H

IAP



RICHLANDS

TAZEWELL CO (JFZ)(KJFZ) 2 S UTC-5(-4DT) N37°03.82' W81°47.90'

2653 B NOTAM FILE JFZ

RWY 07-25: H4299X75 (ASPH) S-12.5, D-18 MIRL

RWY 07: REIL. PAPI(P2L)-GA 3.5° TCH 47'. Trees.

RWY 25: REIL. PAPI(P2L)-GA 3.5° TCH 47'. Tree.

SERVICE: **FUEL** 100LL, JET A+ **LGT** MIRL Rwy 07-25 preset low instst.

To increase instst and ACTVT REIL Rwy 07 and 25; PAPI Rwy

07-25-CTAF.

AIRPORT REMARKS: Attended Mon-Sat 1300-2200Z†. Unattended New

Year's Day, Thanksgiving, and Christmas. For Sunday svc call arpt

during regular business hrs to arrange. Rwy 07 markings covered by

algae. Rwy 25 markings covered by algae.

AIRPORT MANAGER: 276-963-4509

WEATHER DATA SOURCES: AWOS-3 118.075 (276) 596-9927.

COMMUNICATIONS: CTAF/UNICOM 123.05

Ⓡ **ATLANTA CENTER APP/DEP CON** 127.85

GCO 135.075 (thru ZTL clnc del and DCA RADIO) - inop.

CLEARANCE DELIVERY PHONE: For CD if una via GCO ctc Atlanta ARTCC at

770-210-7692.

RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.

GLADE SPRING (L) (L) VOR/DME 110.2 GZG Chan 39 N36°49.51'

W82°04.74' 045° 19.7 NM to fld. 4200/2W.

VOR unusable:

010°-095°

115°-120° byd 20 NM blo 10,000'

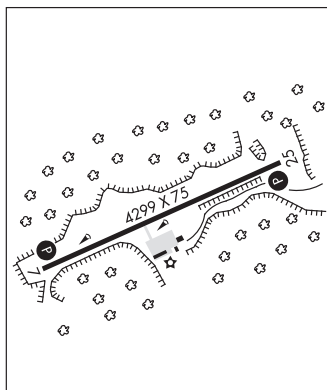
351°-004° byd 15 NM blo 8,000'

LOC/DME 109.75 I-JFZ Chan 34(Y) Rwy 25.

CINCINNATI

L-26H

IAP



RICHMOND

RICHMOND EXEC/CHESTERFIELD CO (FCI)(KFCI) 4 SW UTC-5(-4DT) N37°24.39'

WASHINGTON
H-10H, 12I, L-36H
IAF

W77°31.49'

236 B TPA—See Remarks LRA NOTAM FILE DCA

RWY 15-33: H5500X100 (ASPH-GRVD) S-60, D-80 HIRL

0.7% up NW

RWY 15: REIL. PAPI(P4L)—GA 3.0° TCH 43'. Trees.

RWY 33: MALSR. PAPI(P4L)—GA 3.0° TCH 50'. Brush.

SERVICE: S4 **FUEL** 100LL, JET A **OX 3** **LGT** HIRL Rwy 15-33 preset low intst; incr intst and actvt MALSR Rwy 33 and REIL Rwy 15—CTAF.

NOISE: Noise sensitive area north of arpt. No wind voluntary use of Rwy 15 preferred.

AIRPORT REMARKS: Attended 1200-0300Z±. Fuel aft hrs call 804-271-7793 or 844-435-9732 btn 0300-1200Z±. 400' twr 5 NM north of arpt. Acft on ILS apch to Richmond Intl crossing over arpt. Med-flight: irregular departure pattern. Helicopter parking adj to Twy C. TPA—1236(1000) single engine, 1736(1500) multi-engine. ARFF eqpt and trained personnel avbl at arpt.

AIRPORT MANAGER: 804-768-7722

WEATHER DATA SOURCES: AWOS-3PT 128.625 (804) 271-8426.

COMMUNICATIONS: CTAF/UNICOM 123.05

Ⓡ **POTOMAC APP/DEP CON** 126.75 118.2

CLNC DEL 124.6

CLEARANCE DELIVERY PHONE: For CD ctc Potomac Apch at 866-640-4124.

RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.

FLAT ROCK (H) (H) VORTACW 113.3 FAK Chan 80 N37°31.71' W77°49.69' 123° 16.2 NM to fld. 460/6W.

TACAN 338 radial unusable

VOR unusable:

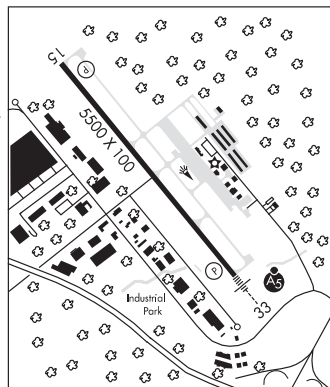
111°-168°

169°-204° blo 5,000'

274°-337° blo 4,000'

274°-337° byd 33 NM

ILS/DME 108.3 I-CFU Chan 20 Rwy 33. Class IA. LOC/DME unmonitored when arpt unatndd.



RICHMOND INTL (RIC)(KRIC) P (ARNG) 6 E UTC-5(-4DT) N37°30.31' W77°19.18'

WASHINGTON

168 B TPA—See Remarks LRA ARFF Index—See Remarks NOTAM FILE RIC MON

H-10H, 12I, L-34E, 36H

Airport

IAP, AD

RWY 16-34: H9003X150 (ASPH-GRVD) S-125, D-200, 2S-175, 2D-340 PCN 92 F/B/W/T HIRL CL

RWY 16: MALS.R. PAPI(P4L)—GA 3.0° TCH 71'. RVR-TMR

RWY 34: ALSF2. TDZL. PAPI(P4L)—GA 3.0° TCH 79'. RVR-TMR

RWY 02-20: H6607X150 (ASPH-GRVD) S-125, D-200, 2S-175, 2D-340 PCN 70 F/C/W/T HIRL

RWY 02: MALS.R. PAPI(P4L)—GA 3.0° TCH 49'. Pole.

RWY 20: REIL. PAPI(P4L)—GA 3.0° TCH 49'. Tree.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 02: TORA-6607 TODA-6607 ASDA-6607 LDA-6607

RWY 16: TORA-9003 TODA-9003 ASDA-9003 LDA-9003

RWY 20: TORA-6607 TODA-6607 ASDA-6607 LDA-6607

RWY 34: TORA-9003 TODA-9003 ASDA-9003 LDA-9003

SERVICE: S4 FUEL 100LL, JET A OX3, 4 LGT SS-SR. MILITARY—FUEL

A, A+(C804-226-7200, C804-337-7487) (NC-100LL) FLUID

PRESAIR LPOX LOX OIL 0-148(Mil) SOAP

AIRPORT REMARKS: Attended continuously. Arpt sfc not mntd 0500-1100

Z \ddagger . Bird act infov all rwys and twys and infov arpt. 220' MSL crane

(marked and lgt'd) 5.4 NM south of arpt. Class I, ARFF Index C. ARFF

Index D/E avbl on req. No practice ldg's 0300-1200Z \ddagger . Cons const on arpt, be alert for freq rwy and twy closures. Twy V

btn Twy A and Twy R strtd fm use by acft with wingspans greater than 99'. Due to the close proximity to Rwy 02-20,

Twy Uniform signage may be behind acft, once clear of Rwy 02-20. Due to opr constraints acft pushed back for dep

prohibited fm hldg on ACR ramps for more than 5 mins. ACR apron clsd to unsked acft weighing under 35000 lbs. No

taxiing btn pushed back acft and the trml on the ACR ramp. ATC clnc rqr'd for pushback from hardstands C9, C10 and

C12 onto Twy T. Non-RDO equipped vehicles crossing midfield Twys C, E and H and driving on Twy L. Hold line Rwy 20

east side lctd across Rwy 34 150' fm dep end. Hold line Rwy 20 west side lctd across Twy A and also serves as hold

line for Rwy 16, signage indicates both rwys. ATC clnc rqr'd for pushbacks from Gates A6, A8, A10, A12, A14, B5, B7,

B9, B11, B13 onto Twy A. No Edge lghts on N/S section of Twy V—Reflectors only. The following areas are not visible from

the twr: portions of the ACR apron, ANG acft prkg ramp. RIC has facility constraints that limits its ability to accommodate

diverted flts and strongly encourages acft ops to ctc arpt ops at 804-226-0001 for prior cdn of diverted flts, except in

the case of a declared in-flight emerg. TPA-1201(1033) single engine, lgt acft, 1701(1533) all others. Ldg fee. Flight

Notification Service (ADCUS) avbl.

AIRPORT MANAGER: (804) 226-3001

WEATHER DATA SOURCES: ASOS (804) 236-1091 WSP.

COMMUNICATIONS: ATIS 119.15 UNICOM 122.95

RCO 122.4 (LEESBURG RADIO)

Ⓡ **POTOMAC APP/DEP CON** 126.4 (001°-185°) 126.75 (186°-360°) 118.2

TOWER 121.1 **GND CON** 121.9 **CLNC DEL** 127.55

AIRSPACE: CLASS C svc ctc APP CON.

RADIO AIDS TO NAVIGATION: NOTAM FILE RIC.

(H) (H) **VORTACV** 114.1 RIC Chan 88 N37°30.14' W77°19.22' at fld. 158/9W.

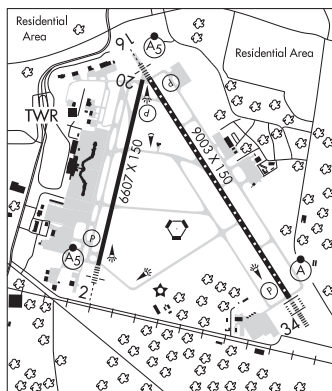
TAC AZM unusable:

060°-075° byd 10 NM blo 1,700'

ILS 110.9 I-EZD Rwy 02. Class IT. Autopilot cpd apch NA blw 760' MSL.

ILS 110.7 I-RGJ Rwy 16. Class IA.

ILS 110.7 I-BNE Rwy 34. Class IIIE.



RICHMOND/ASHLAND

HANOVER CO MUNI (OFP)(KOPF) 8 N UTC-5(-4DT) N37°42.54' W77°26.20'

207 B TPA—1007(800) NOTAM FILE OFP

RWY 16-34: H5402X100 (ASPH-PFC) S-40 MIRL

RWY 16: REIL. PAPI(P4L)—GA 3.0° TCH 40'. Tree.

RWY 34: REIL. Trees.

SERVICE: S4 FUEL 100LL, JET A OX 1, 2, 3, 4 LGT Actvt REIL Rwys 16 & 34; MIRL Rwy 16-34—CTAF.

NOISE: Noise sensitive area south of arpt.

AIRPORT REMARKS: Attended 1200-0000Z±. Deer and birds on and infov arpt. For acft svcs call 804-798-6500. Rwy 34 preferred rwy with wind less than 5 kts.

AIRPORT MANAGER: 804-365-6208

WEATHER DATA SOURCES: ASOS 119.025 (804) 752-2902.

COMMUNICATIONS: CTAF/UNICOM 122.7

Ⓡ POTOMAC APP/DEP CON 126.75 118.2

CLNC DEL 125.4

CLEARANCE DELIVERY PHONE: For CD ctc Potomac Apch at 866-640-4124.

RADIO AIDS TO NAVIGATION: NOTAM FILE RIC.

RICHMOND (H) (H) VORTACW 114.1 RIC Chan 88 N37°30.14'

W77°19.22' 345° 13.6 NM to fld. 158/9W.

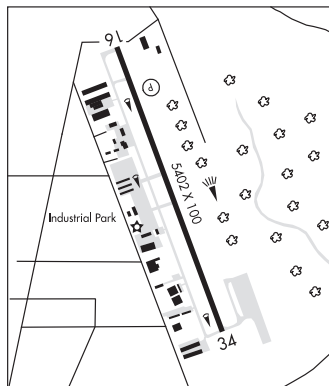
TAC AZM unusable:

060°-075° byd 10 NM blo 1,700'

LOC/DME 109.7 I-OP Chan 34 Rwy 16. LOC unmonitored when arpt unatndd.

WASHINGTON

H-10H, 12I, L-34E, 36H
IAP



RICHMOND N37°30.14' W77°19.22' NOTAM FILE RIC.

(H) (H) VORTACW 114.1 RIC Chan 88 at Richmond Intl. 158/9W.

TAC AZM unusable:

060°-075° byd 10 NM blo 1,700'

RCO 122.4 (LEESBURG RADIO)

WASHINGTON

H-10H, 12H, L-34E, 36H

ROANOKE/BLACKSBURG RGNL (WOODRUM FLD) (ROA)(KROA) 3 NW UTC-5(-4DT)

N37°19.53' W79°58.53'

1175 B TPA—1975(800) Class I, ARFF Index B NOTAM FILE ROA

RWY 06-24: H6800X150 (ASPH-GRVD) S-150, D-200, 2S-175, 2D-310 PCN 76 F/B/X/T HIRL

RWY 06: MALSR. REIL. VASI(V4L)—GA 3.0° TCH 58'.

RWY 24: REIL. PAPI(P4L)—GA 3.0° TCH 58'. Thld dsplcd 790'.

RWY 16-34: H5810X150 (ASPH-GRVD) S-150, D-200, 2S-175, 2D-310 PCN 54 F/A/X/T HIRL 0.4% up NW

RWY 34: MALSR. PAPI(P4L)—GA 3.0° TCH 56'. Tower.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 06: TORA-6800 TODA-6800 ASDA-6800 LDA-6800

RWY 16: TORA-5810 TODA-5810 ASDA-5810 LDA-5810

RWY 24: TORA-6800 TODA-6800 ASDA-6800 LDA-6010

RWY 34: TORA-5810 TODA-5810 ASDA-5810 LDA-5810

ARRESTING GEAR/SYSTEM

RWY 34: EMAS

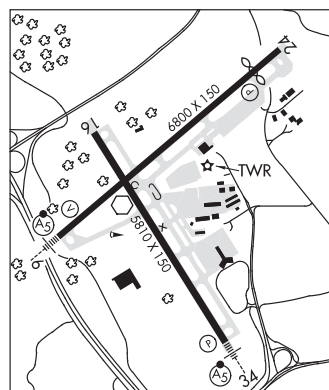
SERVICE: S4 FUEL 100LL, JET A OX 1, 2 LGT Rwy 24 PAPI unusbl byd 5 degs R of cntrln due to trrn.

AIRPORT REMARKS: Attended continuously. Birds infov arpt. For opr concerns-ATCT 540-563-1307. Tkof and lndg per and rwy cond assessment matrix not mntd 0500-1030Z± hrs dly. Dep Rwy 34 and arr Rwy 16 NA at night or during IFR cond due to trrn. Twy T clsd to acft with wingspan greater than 118 ft. Cold temperature airport. Altitude correction required at or below -13C. Tsnt pilots ctc FBO UNICOM for prkg and escort.

AIRPORT MANAGER: 540-362-1999

CINCINNATI

H-10H, 12H, L-26I
IAP, AD



CONTINUED ON NEXT PAGE

CONTINUED FROM PRECEDING PAGE

WEATHER DATA SOURCES: ASOS (540) 265-0680 LLWAS.

COMMUNICATIONS: ATIS 132.375 UNICOM 122.95

ROANOKE RCO 122.6 (LEESBURG RADIO)

Ⓡ APP/DEP CON 118.15 Rwy 16/34 (360°-150°) Rwy 06 (235°-074°) 126.9 Rwy 16/34 (151°-359°) Rwy 06 (075°-234°)

TOWER 118.3 GND CON 121.9 CLNC DEL 119.7

AIRSPACE: CLASS C svc ctc APP CON svc continuous.

RADIO AIDS TO NAVIGATION: NOTAM FILE ROA.

(L) (L) VORW/DME 109.4 ROA Chan 31 N37°20.61' W80°04.22' 107° 4.7 NM to fld. 3072/4W.

VOR unusable:

045°-063° byd 25 NM blo 7,000'

WOODRUM (T) VORW 114.9 ODR N37°19.45' W79°58.74' at fld. 1164/8W.

VOR unusable:

035°-050° byd 20 NM blo 7,000'

035°-110° byd 10 NM blo 4,200'

035°-110° byd 15 NM blo 6,500'

290°-360° byd 15 NM

VINTON NDB (MHW) 277 VIT N37°12.24' W79°52.90' 336° 8.6 NM to fld. 1543/8W.

NDB unusable:

Byd 11 NM

LDA/DME 111.1 I-SZK Chan 48 Rwy 06. Glideslope AIMED parl to LOC course. DME unusable byd 30° left of course. LOC unusable wi 0.6 NM. ILS unusable blw 1,475'.

ILS 109.7 I-ROA Rwy 34. Class IB. Unmonitored when ATCT clsd.

SALUDA

HUMMEL FLD (W75) 6 E UTC-5(-4DT) N37°36.14' W76°26.80'

30 B NOTAM FILE DCA

RWY 01-19: H2167X45 (ASPH) S-12.5 MIRL 0.3% up S

RWY 01: APAP(PNIL). Thld dsplcd 125'. Tree.

RWY 19: APAP(PNIR). Tree.

SERVICE: S4 FUEL 100LL LGT ACTIVATE MIRL Rwy 01-19-CTAF.

Rwy 01 has NSTD thld lgts, has second set of green lgts. Rwy 01 VGSJ

OTS indef. Rwy 19 VGSJ OTS indef.

AIRPORT REMARKS: Attended 1300-2100Z†. Unattended Thanksgiving,

Christmas day and New Year's day. Topping is city closest to the arpt.

Arpt is 2 miles ENE. Drainage swales full length of rwy on both sides.

Use of exit in front of Hummel Aviation advised. Birds and deer on and

invof of arpt during winter. Departing Rwy 01-19 climb to 500 ft

before any turn out; arriving acft use wide pattern to avoid populated

areas E and W of arpt.

AIRPORT MANAGER: 804-758-4330

WEATHER DATA SOURCES: AWOS-3 118.45 (804) 758-8592.

COMMUNICATIONS: CTAF/UNICOM 123.0

Ⓡ NORFOLK APP/DEP CON 126.05

CLEARANCE DELIVERY PHONE: For CD ctc Norfolk Apch at 757-464-0757.

RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.

HARCUM (L) (L) VORTACW 108.8 HCM Chan 25 N37°26.92'

W76°42.68' 061° 15.6 NM to fld. 8/7W.

VOR unusable:

056°-095° blo 2,000'

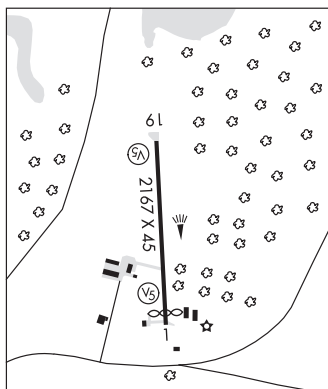
174

275°-300° blo 2,000'

WASHINGTON

L-34E, 36I

IAP



SHANNON (See FREDERICKSBURG on page 351)

SHENANDOAH VALLEY RGNL (See STAUNTON/WAYNESBORO/HARRISONBURG on page 381)

SMITH MOUNTAIN LAKE (See MONETA on page 363)

SOUTH BOSTON

WILLIAM M TUCK (W78) 3 E UTC-5(-4DT) N36°42.56' W78°50.90'

WASHINGTON
L-26J, 36G
IAP

- 420 B TPA—1220(800) NOTAM FILE DCA
- RWY 01-19:** H4003X75 (ASPH) S-12.5 MIRL 0.9% up N
- RWY 01:** REIL. PAPI(P2L)—GA 3.0° TCH 59'. Trees.
- RWY 19:** REIL. PAPI(P2L)—GA 3.0° TCH 41'. Tree.
- RWY 06-24:** 2065X200 (TURF) 0.7% up NE
- RWY 06:** Trees.
- RWY 24:** Trees.

SERVICE: S2 FUEL 100LL LGT ACTIVATE MIRL Rwy 01-19, REIL Rwy 01 and Rwy 19—CTAF. PAPI Rwy 01 and Rwy 19 opr continuously.

AIRPORT REMARKS: Unattended. Self-fueling with credit card. Wildlife on and in/ovf rws. Rwy 06 outlined with yellow cones. Rwy 24 outlines with yellow cones. Rwy 06-24 clsd to acft with airspeed 50 KT or more.

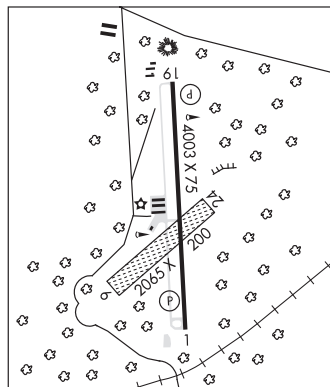
AIRPORT MANAGER: 434-476-3300
WEATHER DATA SOURCES: AWOS-3 119.425 (434) 575-0332.
COMMUNICATIONS: CTAF/UNICOM 122.8

SOUTH BOSTON RCO 122.1R 110.4T 122.5 (LEESBURG RADIO)
WASHINGTON CENTER APP/DEP CON 124.05

CLEARANCE DELIVERY PHONE: For CD ctc Washington ARTCC at 703-771-3587.

RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.

SOUTH BOSTON (L) (L) VORTAC 110.4 SBV Chan 41 N36°40.50' W79°00.87' 081° 8.3 NM to fld. 520/5W.



SOUTH BOSTON N36°40.50' W79°00.87' NOTAM FILE DCA.
(L) (L) VORTAC 110.4 SBV Chan 41 081° 8.3 NM to William M Tuck. 520/5W.
RCO 122.1R 122.5 110.4T (LEESBURG RADIO)

WASHINGTON
H-9C, L-26J, 36G

SOUTH HILL

MECKLENBURG-BRUNSWICK RGNL (AVC)(KAVC) 4 SE UTC-5(-4DT) N36°41.30'

WASHINGTON
H-9C, 12H, L-36G
IAP

- W78°03.27'
- 441 B TPA—1841(1400) NOTAM FILE AVC
- RWY 01-19:** H5002X75 (ASPH) S-25 MIRL 1.3% up N
- RWY 01:** ODALS. REIL. PAPI(P2L)—GA 3.0° TCH 40'. Tree.
- RWY 19:** REIL. PAPI(P2L)—GA 3.0° TCH 40'. Trees.

SERVICE: S2 FUEL 100LL, JET A LGT ACTIVATE REIL Rwy 01-19, MIRL Rwy 01-19 preset low ints, for higher ints and to ACTIVATE ODALS—CTAF. Bcn dusk-dawn.

AIRPORT REMARKS: Attended 1300-2200Z. Arpt clsd on fed hols. Deer and birds on and in/ovf arpt. 24 hr fuel avbl by credit card. Corporate hangar taxilane rstd to acft with winspan no larger than 55'.

AIRPORT MANAGER: 434-774-8023
WEATHER DATA SOURCES: AWOS-3 127.525 (434) 729-2229.
COMMUNICATIONS: CTAF/UNICOM 122.8

Ⓡ **WASHINGTON CENTER APP/DEP CON** 118.75

CLEARANCE DELIVERY PHONE: For CD ctc Washington ARTCC at 703-771-3587.

RADIO AIDS TO NAVIGATION: NOTAM FILE FKN.

FRANKLIN (L) (L) VORTACW 110.6 FKN Chan 43 N36°42.85'

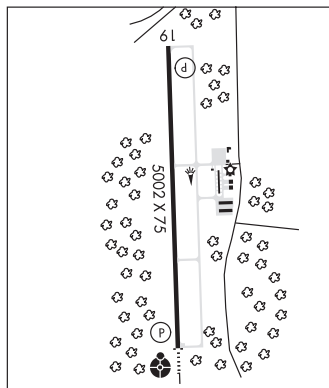
W77°00.74' 278° 50.3 NM to fld. 84/9W.

- VOR unusable:
- 090°-119° byd 18 NM blo 2,000'
- 119°-128° byd 10 NM
- 129°-134° byd 33 NM
- 135°-148°

TACAN AZIMUTH unusable:
090°-139°

DME unusable:
090°-139°

LOC/DME 110.5 I-AVC Chan 42 Rwy 01. Unmonitored when arpt unatdtd.



STAFFORD RGNL (RMN)(KRMN) 3 SW UTC-5(-4DT) N38°23.89' W77°27.33'

WASHINGTON

211 B NOTAM FILE RMN

H-10H, 12I, L-29E, 34E, 36I, A

RWY 15-33: H5000X100 (ASPH-GRVD) S-30, D-70, 2S-89 HIRL

IAP

0.8% up NW

RWY 15: REIL. PAPI(P4L)—GA 3.0° TCH 45'. Trees.

RWY 33: MALS. PAPI(P4L)—GA 3.0° TCH 45'. Trees.

SERVICE: S2 **FUEL** 100LL, JET A **OX 4 LGT** Actvt MALS Rwy 33; REIL Rwy 15; HIRL Rwy 15-33—CTAF.

NOISE: Noise: In eff 24 hrs. VFR acft departing Rwy 33 fly rwy heading until baseball fields 1 NM then turn left.

AIRPORT REMARKS: Attended 1300-2300Z†. Unatndd Thanksgiving, Christmas, & New Years days. Deer and flocks of birds on and invof arpt. Govt contr fuel. Fuel avbl until 2300Z†; after hrs call 540-288-3838 within 12 hrs notice. Anti-icing fuel additive avbl.

AIRPORT MANAGER: 540-658-1212

WEATHER DATA SOURCES: AWOS-3 126.325 (540) 657-8283.

COMMUNICATIONS: CTAF/UNICOM 122.725

® **QUANTICO APP/DEP CON** 127.05 (Mon and Fri 1300-2200Z† Tue, Wed and Thu 1300-0200Z†, exc Sat, Sun and holidays, other times ctc

® **POTOMAC APP/DEP CON** 128.525

CLEARANCE DELIVERY PHONE: GCO avbl on freq 135.075 serviced by Quantico and Potomac app. If una, for CD ctc Potomac Apch at 866-709-4993.

RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.

BROOKE (L) VORTAC 114.5 BRV Chan 92 N38°20.18' W77°21.17' 316° 6.1 NM to fld. 145/9W.

DME unusable:

011°-060° byd 20 NM

061°-120°

121°-161° byd 17 NM

162°-238°

239°-249° byd 5 NM

250°-010°

VOR unusable:

001°-360°

TACAN AZIMUTH unusable:

011°-060° byd 20 NM

061°-120°

121°-161° byd 17 NM

162°-238°

239°-249° byd 5 NM

250°-010°

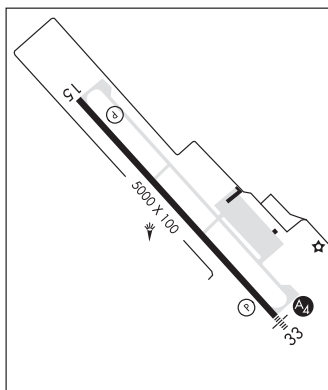
SHANNON NDB (MHW) 237 EZF N38°15.98' W77°27.03' 008° 7.9 NM to fld. 83/10W. NOTAM FILE EZF. NDB unmonitored when arpt unatndd.

NDB unusable:

Byd 15 NM

ILS/DME 108.75 I-RMN Chan 24(Y) Rwy 33. Class IT. LOC unusable byd 19° left of course.

COMM/NAV/WEATHER REMARKS: GCO avbl on freq 135.075 serviced by Quantico and Potomac App. If una, for CD ctc Potomac App at 866-709-4993.



STAUNTON/WAYNESBORO/HARRISONBURG

SHENANDOAH VALLEY RGNL (SHD)(KSHD) 10 NE UTC-5(-4DT) N38°15.83' W78°53.79'

WASHINGTON
H-10H, 12I, L-26J
IAP

1201 B TPA—See Remarks Class I, ARFF Index B NOTAM FILE SHD

RWY 05-23: H6002X150 (ASPH-GRVD) S-75, D-150, 2S-175,

2D-215 PCN 44 F/B/X/U HIRL 0.4% up NE

RWY 05: MALSR. PAPI(P4L)—GA 3.0° TCH 56'. Pole.

RWY 23: REIL. PAPI(P4L)—GA 3.0° TCH 44'.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 05: TORA-6002 TODA-6002 ASDA-6002 LDA-6002

RWY 23: TORA-6002 TODA-6002 ASDA-6002 LDA-6002

SERVICE: S4 FUEL 100LL, JET A OX 3, 4 LGT Actvt MALSR Rwy 05;
REIL Rwy 23; HIRL Rwy 05-23 & twy lgts—CTAF. PAPI Rwy 05 and
23 oprs consly.

AIRPORT REMARKS: Attended continuously. PPR 12 hrs for unsked air carrier
ops with more than 30 passenger seats call 540-234-8304. TPA
2001(800) piston acft, 2701(1500) jet/turbo acft.

AIRPORT MANAGER: 540-234-8304

WEATHER DATA SOURCES: AWOS-3 124.925 (540) 234-0110.

COMMUNICATIONS: CTAF/UNICOM 123.0

MONTEBELLO RCO 122.1R 115.3T (LEESBURG RADIO)

® POTOMAC APP/DEP CON 132.85

CLNC DEL 118.35

CLEARANCE DELIVERY PHONE: For CD ctc Potomac Apch at 866-640-4124.

AIRSPACE: CLASS E.

RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.

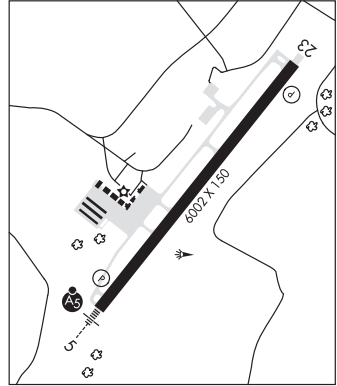
MONTEBELLO (VL) (L) VOR/DME 115.3 MOL Chan 100 N37°54.03' W79°06.41' 030° 23.9 NM to fld. 3455/5W.

DME unusable:

158°-168° byd 30 NM blo 6,000'

STAUT NDB (LOMW) 375 SH N38°12.11' W78°57.44' 047° 4.7 NM to fld. 1240/9W. NOTAM FILE SHD.

ILS 109.5 I-SHD Rwy 05. Class IT. LOM STAUT NDB. Autopilot cpd apch NA blw 1,600' MSL. Unmonitored when
FBO clsd.



STAUT N38°12.11' W78°57.44' NOTAM FILE SHD.

CINCINNATI

NDB (LOMW) 375 SH 047° 4.7 NM to Shenandoah Valley Rgnl. 1240/9W.

SUFFOLK EXEC (SFQ)(KSFQ) 3 SW UTC-5(-4DT) N36°40.97' W76°35.98'

70 B NOTAM FILE SFQ

RWY 04-22: H5007X100 (ASPH) S-30, D-60, 2D-60 HIRL

RWY 04: REIL. PAPI(P4L)—GA 3.0° TCH 39'. Tree. Rgt tfc.

RWY 22: REIL. PAPI(P4L)—GA 3.5° TCH 45'. Trees.

RWY 07-25: H3750X100 (ASPH) S-30, D-50, 2D-85 MIRL

RWY 07: Tree.

RWY 25: Trees. Rgt tfc.

SERVICE: S4 FUEL 100LL, JET A, MOGAS LGT Actvt REIL Rwys 04 & 22; HIRL Rwy 04-22, MIRL Rwy 07-25—CTAF.

AIRPORT REMARKS: Attended 1300-2200Z†. Parachute Jumping. Deer on and invof arpt. Parachute activity on and invof arpt. Rwy 07 rwy end arrow heads painted white instead of designed aviation yellow. Rwy 07 markings faded and poor condition. Rwy 25 markings in poor condition.

AIRPORT MANAGER: 757-514-4411

WEATHER DATA SOURCES: AWOS-3 119.375 (757) 934-3942.

COMMUNICATIONS: CTAF/UNICOM 122.7

Ⓡ **NORFOLK APP/DEP CON** 127.9

CLEARANCE DELIVERY PHONE: For CD ctc Norfolk Apch at 757-464-0757.

RADIO AIDS TO NAVIGATION: NOTAM FILE FKN.

FRANKLIN (L) (L) VORTACW 110.6 FKN Chan 43 N36°42.85'

W77°00.74' 104° 20.0 NM to fld. 84/9W.

VOR unusable:

090°-119° byd 18 NM blo 2,000'

119°-128° byd 10 NM

129°-134° byd 33 NM

135°-148°

TACAN AZIMUTH unusable:

090°-139°

DME unusable:

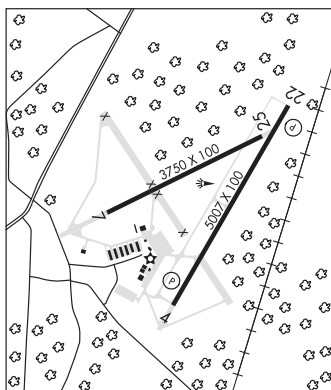
090°-139°

LOC/DME 109.95 I-RKH Chan 36(Y) Rwy 04.

WASHINGTON

H-101, 121, L-350, 36H

IAP



TANGIER ISLAND (TGI)(KTGI) 1 W UTC-5(-4DT) N37°49.55' W75°59.86'

5 B TPA—See Remarks NOTAM FILE DCA

RWY 02-20: H2426X75 (ASPH) S-12.5

RWY 02: Tree. Rgt tfc.

RWY 20: Thld dsplcd 183'. Road.

SERVICE: LGT Arpt bcn OTS indef.

AIRPORT REMARKS: Attended Apr-Oct Sat-Sun 1300-2130Z†. Arpt closed SS-SR daily. Be alert: rstd area one mi west of arpt; hi-speed acft drop bombs & fire live ammunition in area. PAEW adjacent to all rwys, twys & ramps. TPA-605(600) lgt acft, 1505(1500) hvy acft. Rwy end 02: prev rwy nrs vsb on former rwy pavement. Chevrons on former rwy pavement poor. Rwy centerline poor. Rwy end 20: twy lead-in lines poor. Rwy centerline poor. Landing/parking fee to help pay for rwy rehab. Ldg fee.

AIRPORT MANAGER: 757-891-2496

WEATHER DATA SOURCES: AWOS-3 119.8 (757) 891-2246.

COMMUNICATIONS: CTAF/UNICOM 122.8

Ⓡ **PATUXENT APP/DEP CON** 121.0 (1200-0400Z† Mon-Sun. Other times by NOTAM) other times ctc

Ⓡ **POTOMAC APP/DEP CON** 127.2

CLEARANCE DELIVERY PHONE: For CD ctc Patuxent Apch at 301-342-3740, when Patuxent Apch is clsd ctc Potomac Apch at 866-640-4124.

RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.

CAPE CHARLES (L) (L) VORTACW 112.2 CCV Chan 59 N37°20.85' W75°59.86' 010° 28.7 NM to fld. 10/10W.

TACAN AZIMUTH unusable:

005°-015° byd 20 NM blo 4,000'

VOR unusable:

137°-322° byd 17 NM blo 2,000'

137°-322° byd 22 NM blo 3,000'

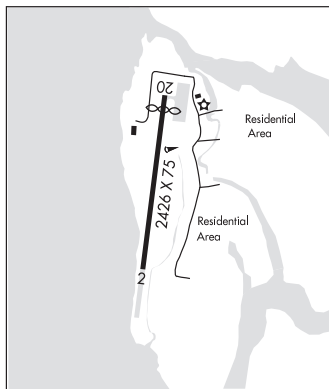
DME unusable:

005°-015° byd 20 NM blo 4,000'

WASHINGTON

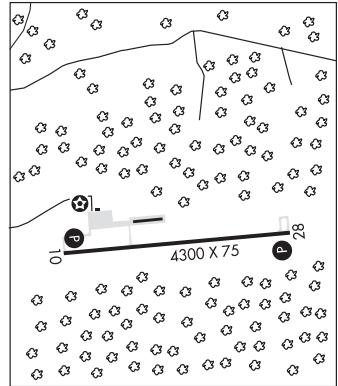
L-34E, 36I

IAP



TAPPAHANNOCK/ESSEX CO (XSA)(KXSA) 5 S UTC-5(-4DT) N37°51.58' W76°53.65'
 135 B NOTAM FILE XSA
 RWY 10-28: H4300X75 (ASPH) S-12.5 MIRL
 RWY 10: REIL. PAPI(P2L)—GA 3.0° TCH 40'. Trees.
 RWY 28: REIL. PAPI(P2L)—GA 3.0° TCH 40'. Trees.
 SERVICE: S4 FUEL 100LL, JET A LGT ACTIVATE MIRL Rwy 10-28 and PAPI Rwy 10 and Rwy 28 and rotating bcn—CTAF.
AIRPORT REMARKS: Attended Nov-Feb 1300-2300Z‡. Mar-Oct 1400-0000Z‡. Deer and other wildlife on and in/ov arpt.
AIRPORT MANAGER: 804-443-5885
WEATHER DATA SOURCES: AWOS-3 125.775 (804) 445-8724.
COMMUNICATIONS: CTAF/UNICOM 122.8
 Ⓜ POTOMAC APP/DEP CON 126.4
CLEARANCE DELIVERY PHONE: For CD ctc Potomac Apch at 866-640-4124.
RADIO AIDS TO NAVIGATION: NOTAM FILE RIC.
RICHMOND (H) (H) VORTACW 114.1 RIC Chan 88 N37°30.14' W77°19.22' 052° 29.5 NM to fld. 158/9W.
 TAC AZM unusable:
 060°-075° byd 10 NM blo 1,700'

WASHINGTON
 L-34E, 36I
 IAP



TAZEWELL CO (See RICHLANDS on page 374)

TECH N37°12.52' W80°24.21' NOTAM FILE BCB.
 NDB (MHW) 368 TEC at Virginia Tech/Montgomery Exec. 2126/8W.

CINCINNATI
 L-26I

TRI CITIES EXEC/DINWIDDIE CO (See PETERSBURG on page 372)

TWIN CO (See GALAX HILLSVILLE on page 352)

VINTON N37°12.24' W79°52.90' NOTAM FILE ROA.
 NDB (MHW) 277 VIT 336° 8.6 NM to Roanoke/Blacksburg Rgnl (Woodrum Fld). 1543/8W.
 NDB unusable:
 Byd 11 NM

CINCINNATI
 L-26J

VIRGINIA HIGHLANDS (See ABINGDON on page 337)

VIRGINIA TECH/MONTGOMERY EXEC (See BLACKSBURG on page 339)

WAKEFIELD MUNI (AKQ)(KAKQ) 2 NW UTC-5(-4DT) N36°59.23' W77°00.07'

WASHINGTON

111 B NOTAM FILE AKQ

L-36H

RWY 02-20: H4337X75 (ASPH) S-12.5 MIRL

RWY 02: Thld dsplcd 298'. Trees.

RWY 20: Thld dsplcd 471'. Trees.

SERVICE: FUEL 100LL

AIRPORT REMARKS: Attended irregularly. 24 hr self svc fuel. Rwy 02-20 mrks cvrd with algae.

AIRPORT MANAGER: 757-899-0096

WEATHER DATA SOURCES: ASOS 128.325 (757) 899-2300.

COMMUNICATIONS: CTAF/UNICOM 122.8

Ⓡ **NORFOLK APP/DEP CON** 127.9

CLEARANCE DELIVERY PHONE: For CD ctc Norfolk Apch at 757-464-0757.

RADIO AIDS TO NAVIGATION: NOTAM FILE FKN.

FRANKLIN (L) (L) VORTACW 110.6 FKN Chan 43 N36°42.85'

W77°00.74' 011° 16.4 NM to fld. 84/9W.

VOR unusable:

090°-119° byd 18 NM blo 2,000'

119°-128° byd 10 NM

129°-134° byd 33 NM

135°-148°

TACAN AZIMUTH unusable:

090°-139°

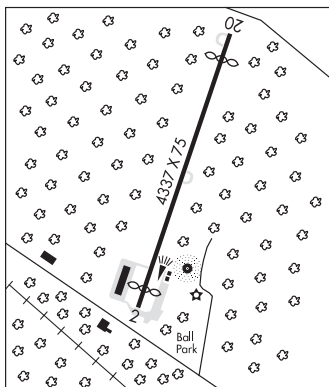
DME unusable:

090°-139°

NDB (MHW) 274 AKQ N36°58.97' W77°00.06' at fld. 105/11W. NOTAM FILE AKQ. NDB unmonitored.

NDB unusable:

Byd 10 NM



WALLOPS FLIGHT FACILITY (WAL)(KWAL) NASA 5 S UTC-5(-4DT) N37°56.41' W75°27.98'

WASHINGTON

40 B NOTAM FILE WAL Not insp.

H-101, 121, L-361

RWY 04-22: H8748X150 (ASPH-CONC) S-57, D-115, 2D-225 HIRL

IAP, AD

RWY 04: REIL. PAPI(P4L)—GA 3.0° TCH 57'.

RWY 22: REIL. PAPI(P4L)—GA 3.0° TCH 60'.

RWY 10-28: H8005X200 (ASPH-CONC) S-57, D-115, 2D-225 HIRL

RWY 10: REIL. PAPI(P4L)—GA 3.0° TCH 69'.

RWY 28: REIL. PAPI(P4L)—GA 3.0° TCH 61'.

RWY 17-35: H4808X150 (ASPH) S-15, D-40, 2D-75 HIRL

RWY 17: REIL. PAPI(P4L)—GA 3.0° TCH 63'.

RWY 35: REIL. PAPI(P4L)—GA 3.0° TCH 59'.

ARRESTING GEAR/SYSTEM

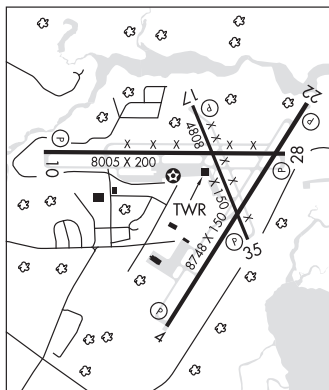
HOOK E28(B) (1500 FT). **RWY 22**

SERVICE: FUEL JET A **MILITARY—LGT** ACTIVATE—Rwy lgt and Rot

Bcn-CTAF. **FUEL A+ A-GEAR** E-28 arresting gear 1500 ft fm the north end of Rwy 22 is rigged/in battery.

MILITARY REMARKS: Rwy 17-35 CLOSED when twr clsd. Deer and birds on and invof arpt. Touch and go lds not authorized when ATCT clsd. PPR 24 hr PN to ldg, phone 757-824-1688. When twr clsd, 126.5 CTAF only. Expect no resp or advisory svcs. Mil turboprop training daily until 0400Z†. Extensive research test development in progress. Numerous radar facilities at arpt with possible radio frequency haz to ordnance.

AIRPORT MANAGER: 757-824-1250



CONTINUED ON NEXT PAGE

CONTINUED FROM PRECEDING PAGE

WEATHER DATA SOURCES: ASOS 119.175 (757) 824-0820.

COMMUNICATIONS: CTAF 126.5 ATIS 119.175 (757) 824-0820

Ⓡ PATUXENT APP/DEP CON 127.95 (1200-0400Z‡ Mon-Sun. Other times by NOTAM) other times ctc

Ⓡ POTOMAC APP/DEP CON 127.2

TOWER 126.5 (1200-0400Z‡ Mon-Sun. Other times by NOTAM.) GND CON 127.875 CLNC DEL 121.7 INFO SVC 126.5 (2230-1200Z‡)

CLEARANCE DELIVERY PHONE: For CD ctc Patuxent Apch at 301-342-3740, when Patuxent Apch is clsd ctc Potomac Apch at 866-640-4124.

AIRSPACE: CLASS D svc 1300-2200Z‡ Mon-Fri exc fed hol and by NOTAM; other times CLASS E.

RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.

SNOW HILL (L) (L) VORTACW 112.4 SWL Chan 71 N38°03.40' W75°27.83' 189° 7.0 NM to fld. 34/8W.

VOR unusable:

005°-020° byd 25 NM blo 1,500'

020°-040° byd 20 NM blo 1,700'

040°-045° byd 10 NM blo 2,000'

210°-225° byd 13 NM blo 4,000'

210°-225° byd 18 NM blo 6,000'

210°-225° byd 37 NM

225°-265° byd 10 NM blo 2,500'

225°-265° byd 30 NM blo 9,000'

265°-005° byd 20 NM blo 1,500'

TACAN AZIMUTH OTS

COMM/NAV/WEATHER REMARKS: Communication on CTAF required.

WARRENTON/FAUQUIER (HWY)(KHWHY) 12 SE UTC-5(-4DT) N38°35.18'

WASHINGTON

W77°42.64'

H-10H, 12I, L-29E, 34E, 36I, A IAP

336 B NOTAM FILE DCA

RWY 15-33: H5000X100 (ASPH-GRVD) S-15, D-70 HIRL

0.5% up SE

RWY 15: REIL. PAPI(P4L)—GA 3.0° TCH 53'. Tree.

RWY 33: REIL. PAPI(P4L)—GA 3.0° TCH 47'. Tree.

SERVICE: S4 FUEL 100LL, JET A LGT Actvt HIRL Rwy 15-33—CTAF.

NOISE: Noise abatement procedures in effect over town of Midland; ctc arpt manager 540-422-8283.

AIRPORT REMARKS: Attended 1300Z‡-dark. Parachute jumping. Skydiver activity 5 NM NW of arpt. Ultralight activity on and invof arpt. Aerobatic activity adjacent to west side of Rwy 15-33. Aerobatic demo area within 2 NM south of arpt 3500 ft & blw; 1500-0300Z‡; May-Oct. Rwy 15 pef calm wind rwy.

AIRPORT MANAGER: 540-422-8283

WEATHER DATA SOURCES: AWOS-3 120.350 (540) 788-4078.

COMMUNICATIONS: CTAF/UNICOM 122.7

Ⓡ POTOMAC APP/DEP CON 128.525

CLEARANCE DELIVERY PHONE: For CD ctc Potomac Apch at 866-709-4993.

RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.

CASANOVA (H) (H) VORTACW 116.3 CSN Chan 110 N38°38.47'

W77°51.93' 120° 8.0 NM to fld. 442/6W.

VOR unusable:

310°-350° byd 10 NM blo 11,000'

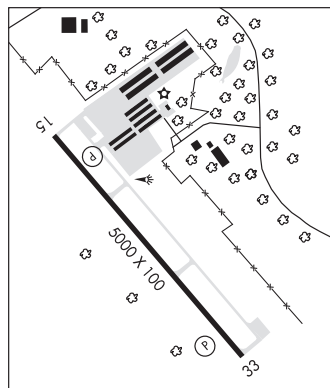
TACAN AZIMUTH unusable:

310°-350° byd 10 NM blo 11,000'

DME unusable:

310°-350° byd 10 NM blo 11,000'

LOC/DME 109.75 I-HWY Chan 34(Y) Rwy 15. LOC unusable byd 20° left of course.



WAYNESBORO**EAGLE'S NEST** (W13) 3 W UTC-5(-4DT) N38°04.62' W78°56.67'

1436 B NOTAM FILE DCA

RWY 06-24: H2004X50 (ASPH) MIRL 0.3% up SW**RWY 06:** Tree.**RWY 24:** Tree.**SERVICE:** S4 **FUEL** 100LL **LGT** Actvt MIRL Rwy 06-24—CTAF.**AIRPORT REMARKS:** Attended 1300-2130Z†. Parachute Jumping. Deer on and invof arpt. No repetitive practice take-offs and Idgs after 0100Z†.

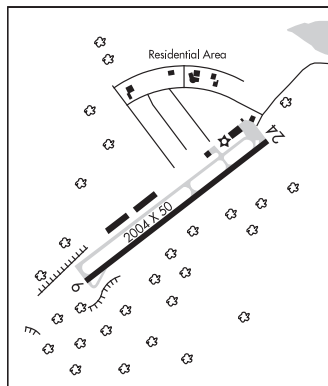
No grass landings or takeoffs either side of Rwy 06-24.

AIRPORT MANAGER: 540-943-4447**WEATHER DATA SOURCES:** AWOS-3PT 118.625 (540) 941-7570.**COMMUNICATIONS:** CTAF/UNICOM 123.05Ⓡ **POTOMAC APP/DEP CON** 132.85**CLEARANCE DELIVERY PHONE:** For CD ctc Potomac Apch at 866-640-4124.

WASHINGTON

L-26J

IAP

**WEIRWOOD****CAMPBELL FLD** (9VG) 1 W UTC-5(-4DT) N37°27.51' W75°52.73'

40 NOTAM FILE DCA

RWY 03-21: 3000X100 (TURF)**RWY 03:** P-line.**RWY 21:** Road.**RWY 14-32:** 1455X140 (TURF)**RWY 14:** Road.**RWY 32:** Trees.**AIRPORT REMARKS:** Attended Mar-Nov dalgt hours. Be alert: 60' P-lines located 300' southwest off the AER 03.**AIRPORT MANAGER:** 914-772-6242**COMMUNICATIONS:** CTAF 122.9**CLEARANCE DELIVERY PHONE:** For CD ctc Norfolk Apch at 757-464-0757.

WASHINGTON

WEST POINT

MIDDLE PENINSULA RGNL (FYJ)(KFYJ) 2 SE UTC-5(-4DT) N37°31.28' W76°45.77'

WASHINGTON
H-10H, 12I, L-34E, 36H
IAP

20 B TPA—See Remarks NOTAM FILE FYJ
RWY 10-28: H5000X75 (ASPH) S-30, D-50, 2D-85 MIRL
RWY 10: REIL. PAPI(P2L)—GA 3.5° TCH 53'. Tree.
RWY 28: REIL. PAPI(P2L)—GA 3.5° TCH 53'. Trees.
SERVICE: S4 FUEL 100LL, JET A+ LGT MIRL Rwy 10-28, REIL Rwy 10 and Rwy 28 opr SS-SR. During daylight hrs, PCL avbl upon req, ctc amgr 804-785-9725. ACTIVATE MIRL Rwy 10-28, REIL Rwy 10 and Rwy 28—CTAF.

AIRPORT REMARKS: Attended 1300-2200Z†. Full and self-serve fuel avbl. Parachute Jumping weekends only. Deer on and invof arpt. TPA—820(800) light acft, 1520(1500) heavy acft. Rotor-wing and tiltrotor acft fly tfc pats south of Rwy 10-28 at 800' AGL or abv. Rwy 10 non-std marking placement.

AIRPORT MANAGER: 804-785-9725
WEATHER DATA SOURCES: AWOS-3 132.825 (804) 785-2307.

COMMUNICATIONS: CTAF/UNICOM 123.0

Ⓡ POTOMAC APP/DEP CON 126.75

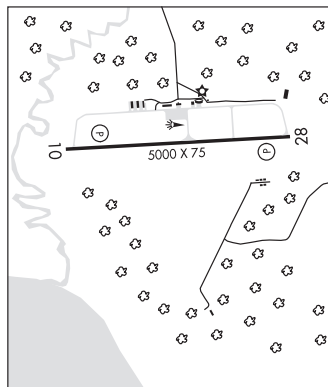
CLEARANCE DELIVERY PHONE: For CD ctc Norfolk Apch at 757-464-0757.

RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.

HARCUM (L) (L) VORTACW 108.8 HCM Chan 25 N37°26.92' W76°42.68' 338° 5.0 NM to fld. 8/7W.

VOR unusable:
 056°-095° blo 2,000'
 174
 275°-300° blo 2,000'

LOC/DME 109.55 I-FYJ Chan 32(Y) Rwy 10.



WILLIAM M TUCK (See SOUTH BOSTON on page 379)

WILLIAMSBURG-JAMESTOWN (JGG)(KJGG) 3 SW UTC-5(-4DT) N37°14.35' W76°42.97'

WASHINGTON
L-34E, 36H
IAP

49 B TPA—849(800) NOTAM FILE JGG
RWY 13-31: H3204X60 (ASPH) S-12.5 MIRL 0.8% up NW
RWY 13: REIL. Trees. Rgt tfc.
RWY 31: REIL.

SERVICE: S4 FUEL 100LL, JET A+ LGT ACTVT REIL Rwy 13 and 31; MIRL Rwy 13-31; perimeter lgts Rwy H1—CTAF.
NOISE: Noise abatement procedures in effect, ctc arpt manager 757-229-9256. Rwy 31 dep turn left heading 270° to avoid school 3500 ft off rwy end.

AIRPORT REMARKS: Attended Nov-Feb 1300-2300Z†, Mar-Oct 1300-0000Z†. Arpt unattended Christmas Day—attended by req. Deer and birds on and invof arpt. PAEW adjacent to Rwy 13-31. Ldg fee for commercial and charter acft.

AIRPORT MANAGER: 757-229-9256
WEATHER DATA SOURCES: AWOS-3 120.625 (757) 220-8810.

COMMUNICATIONS: CTAF/UNICOM 122.8

Ⓡ NORFOLK APP/DEP CON 119.45

CLEARANCE DELIVERY PHONE: GCO avbl on freq 135.075 thru Norfolk CD, 4 clicks Norfolk, 5 leesburg radio (click slowly). If un, for CD ctc Norfolk Apch at 757-464-0757.

RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.

HARCUM (L) (L) VORTACW 108.8 HCM Chan 25 N37°26.92' W76°42.68' 188° 12.6 NM to fld. 8/7W.

VOR unusable:
 056°-095° blo 2,000'
 174
 275°-300° blo 2,000'



HELIPAD H1: H60X60 (CONC)

HELIPAD REMARKS: Helipad CLOSED ctc 122.8 for ldg instructions. Helipad H1 perimeter lgts.

WINCHESTER RGNL (OKV)(KOKV) 3 SE UTC-5(-4DT) N39°08.61' W78°08.67'

WASHINGTON

726 B TPA—See Remarks NOTAM FILE OKV

H-10H, 12I, L-29D, A

RWY 14-32: H5498X100 (ASPH-GRVD) S-75, D-150 HIRL

IAP

0.5% up NW

RWY 14: REIL. PAPI(P4L)—GA 3.0° TCH 45'. Tree.

RWY 32: MALSR. PAPI(P4L)—GA 3.0° TCH 45'. Tree.

SERVICE: S4 FUEL 100LL, JET A LGT ACTVT MALSR Rwy 32; REIL Rwy 14; HIRL Rwy 14-32—CTAF.

AIRPORT REMARKS: Attended 1100-0300Z†. Callout svc avbl, fees may apply. Deer on and invof arpt. Taxi on pavement only. Med-Flight: irreg dep pat. TPA 2706 (1980) turboprop and jet acct, all other acct TPA 1706 (980). Flight Notification Service (ADCUS) available. ADCUS avbl 24 hours minimum advance notice required call 804-661-3660 Mon-Fri, after hours and weekends call 703-661-3632.

AIRPORT MANAGER: 540-662-5786

WEATHER DATA SOURCES: AWOS-3 124.85 (540) 662-6970.

COMMUNICATIONS: CTAF/UNICOM 122.975

Ⓡ POTOMAC APP/DEP CON 120.45

CLNC DEL 126.15

CLEARANCE DELIVERY PHONE: For CD ctc Potomac Apch at 866-709-4993.

RADIO AIDS TO NAVIGATION: NOTAM FILE MRB.

MARTINSBURG (L) (L) VORTACW 112.1 MRB Chan 58 N39°23.13' W77°50.90' 231° 20.0 NM to fld. 600/7W.

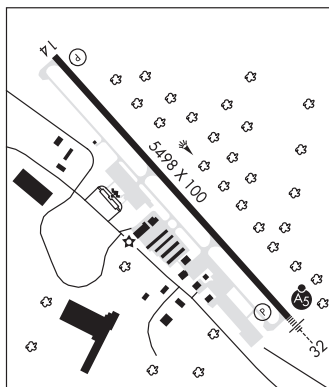
VOR unusable:

020°-030° byd 15 NM blo 6,900'

127°-146° byd 15 NM

290°-310° byd 35 NM blo 5,400'

ILS/DME 109.55 I-TZX Chan 32(Y) Rwy 32. Class IB. LOC/DME unmonitored.



WISE

LONESOME PINE (LNP)(KLPN) 3 NE UTC-5(-4DT) N36°59.25' W82°31.80'

CINCINNATI

2684 B NOTAM FILE LNP

H-9B, 12H, L-26H

RWY 06-24: H5280X100 (ASPH) S-42, D-55, 2D-100 MIRL

IAP

0.3% up NE

RWY 06: REIL. PAPI(P2L)—GA 3.0° TCH 34'. Trees.

RWY 24: ODALS. PAPI(P2R)—GA 3.0° TCH 36'. Tree.

SERVICE: FUEL 100LL, JET A+ LGT ACTVT ODALS Rwy 24; REIL Rwy 06; MIRL Rwy 06-24—CTAF. Rwy 24 nstd ODALS; 3 lgt confign.

AIRPORT REMARKS: Attended Mon-Sat 1400-2300Z†, unattended Sun. Wildlife on invof arpt. Aft hrs ctc 276-870-7490 or 276-345-7289.

AIRPORT MANAGER: 276-328-5300

WEATHER DATA SOURCES: AWOS-3 118.6 (276) 328-3727.

COMMUNICATIONS: CTAF/UNICOM 123.0

Ⓡ INDIANAPOLIS CENTER APP/DEP CON 126.575

CLEARANCE DELIVERY PHONE: For CD ctc Indianapolis ARTCC at 317-247-2411.

RADIO AIDS TO NAVIGATION: NOTAM FILE DCA.

GLADE SPRING (L) (L) VOR/DME 110.2 GZG Chan 39 N36°49.51' W82°04.74' 296° 23.8 NM to fld. 4200/2W.

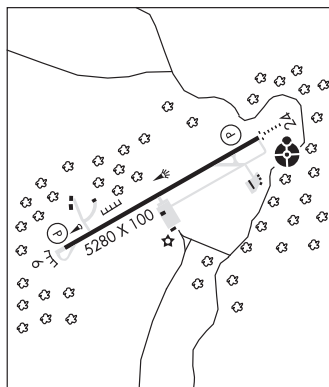
VOR unusable:

010°-095°

115°-120° byd 20 NM blo 10,000'

351°-004° byd 15 NM blo 8,000'

ILS/DME 110.7 I-OWN Chan 44 Rwy 24. LOC/DME unmonitored when arpt unatndd.



WOODRUM N37°19.45' W79°58.74' NOTAM FILE ROA.

CINCINNATI

(T) VORW 114.9 ODR at Roanoke/Blacksburg Rgnl (Woodrum Fld). 1164/8W.

L-26I

VOR unusable:

035°-050° byd 20 NM blo 7,000'

035°-110° byd 10 NM blo 4,200'

035°-110° byd 15 NM blo 6,500'

290°-360° byd 15 NM

ARTHURDALE

TITUS FLD (7ØD) 2 W UTC-5(-4DT) N39°29.93' W79°51.19'

CINCINNATI

1863 NOTAM FILE EKN

RWY 09-27: 2400X50 (TURF) 1.0% up W

RWY 09: Trees.

RWY 27: Tree.

AIRPORT REMARKS: Unattended. Deer on and invof rwy. Ultralights prohibited. 25' trees along edge of rwy. Rwy 27 has 8' dropoff 25' from thld. Rwy 09-27 potentially hazardous sfc variation in rwy safety area. Rwy 09-27 sfc rough, soft when wet, loose rock on sfc.

AIRPORT MANAGER: 304-864-6996

COMMUNICATIONS: CTAF 122.9

CLEARANCE DELIVERY PHONE: For CD ctc Clarksburg Apch at 304-842-2011, when Apch clsd ctc Cleveland ARTCC at 440-774-0226.

BECKLEY

RALEIGH CO MEML (BKW)(KKBW) 3 E UTC-5(-4DT) N37°47.24' W81°07.45'

CINCINNATI
H-10G, 12H, L-26I
IAF

2504 B ARFF Index—See Remarks NOTAM FILE BKW

RWY 01-19: H6750X150 (ASPH-GRVD) S-75, D-150, 2S-140,

2D-200 PCN 38 F/B/W/U HIRL 0.7% up S

RWY 01: REIL. PAPI(P4L)—GA 3.0° TCH 40'.

RWY 19: MALSR. PAPI(P4L)—GA 3.0° TCH 55'.

RWY 10-28: H5001X100 (ASPH) S-45, D-60 PCN 38 F/B/W/U MIRL 0.3% up E

RWY 10: REIL. VASI(V4R)—GA 3.0° TCH 61'.

RWY 28: REIL. VASI(V4L)—GA 3.75° TCH 66'.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 01: TORA-6750 TODA-6750 ASDA-6750 LDA-6750

RWY 10: TORA-5001 TODA-5001 ASDA-5001 LDA-5001

RWY 19: TORA-6750 TODA-6750 ASDA-6750 LDA-6750

RWY 28: TORA-5001 TODA-5001 ASDA-5001 LDA-5001

SERVICE: S4 **FUEL** 100LL, JET A **LGT** Actvt MALSR Rwy 19; REIL Rwy 01, 10, and 28; VASI Rwy 10 and 28; MIRL Rwy 10-28; HIRL Rwy 01-19; twy lgts—CTAF. PAPI Rwy 01 and 19 set at medium, ctc UNICOM to change instst. Rwy 28 VGSJ and descent angles not coincident.

AIRPORT REMARKS: Attended continuously. Deer, birds and wild turkeys on and invof arpt. Class I, ARFF Index B. PPR 24 hrs for unsked acr opns with more than 30 psgr seats; call amgr 304-255-0476. Index B coverage is prvdd.

AIRPORT MANAGER: 304-255-0476

WEATHER DATA SOURCES: ASOS 121.55 (304) 253-5214.

COMMUNICATIONS: CTAF/UNICOM 123.0

Ⓡ **CHARLESTON APP/DEP CON** 125.4

AIRSPACE: CLASS E.

RADIO AIDS TO NAVIGATION: NOTAM FILE BKW.

BECKLEY (H) (DH) VORW/DME 117.7 BKW Chan 124 N37°46.82' W81°07.41' at fld. 2517/6W.

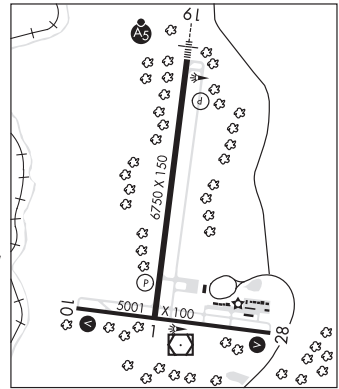
DME unusable:

080°-215° byd 15 NM

VOR unusable:

070°-200°

ILS 111.7 I-MQU Rwy 19. Class IB.



BECKLEY N37°46.82' W81°07.41' NOTAM FILE BKW.

CINCINNATI

(H) (DH) VORW/DME 117.7 BKW Chan 124 at Raleigh Co Meml. 2517/6W.

H-10G, 12H, L-26I

DME unusable:

080°-215° byd 15 NM

VOR unusable:

070°-200°

BERKELEY SPRINGS

POTOMAC AIRPARK (W35) 4 N UTC-5(-4DT) N39°41.56' W78°09.97'

WASHINGTON

413 NOTAM FILE EKN

L-29D, A

RWY 11-29: H4979X70 (ASPH) MIRL

IAP

RWY 11: Trees.

RWY 29: Trees. Rgt tfc.

AIRPORT REMARKS: Attended irregularly. Arpt clsd nghts. Arpt entrance gate locked, no public access to arpt. Birds and wildlife invof arpt.

Unmanned acft 1,000' blo 1 NM radius of arpt. Remote controlled model acft opr on arpt. No acft over 18,500 lbs. Rwy 11-29 pavement spalling, cracks, uneven sfc. Loose aggregate and stones. Vegetation growing through pavement. Drag racing on rwy. Extensive rubber build up on Rwy 29 pavement end. Rwy 29 end, possibility of 12 ft grandstand on each side of rwy, 13 ft from rwy edge. Rwy 11 no mkg. Rwy 11 apch end, 10 ft drop off, 30 ft from pavement end. Rwy 29 15 ft drop off, 30 ft fm rwy end. 8 ft crops, 50-80 ft R/L rwy cl.

AIRPORT MANAGER: 301-842-3700

COMMUNICATIONS: CTAF 122.9

® **POTOMAC APP/DEP CON** 126.825

CLEARANCE DELIVERY PHONE: For CD ctc Potomac Apch at 866-709-4993.

RADIO AIDS TO NAVIGATION: NOTAM FILE HGR.

HAGERSTOWN (L) VORW 109.8 HGR N39°41.86'
W77°51.34' 276° 14.4 NM to fld. 563/7W.

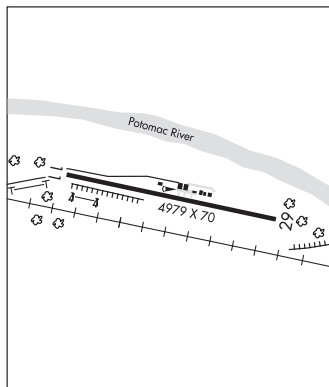
VOR unusable:

251°-280° byd 16 NM blo 4,000'

281°-300° byd 24 NM blo 8,000'

351°-050°

ST THOMAS (L) TACAN Chan 97 THS (115.0) N39°55.99' W77°57.06' 222° 17.5 NM to fld.
2338/7W. NOTAM FILE AOO.



BLUEFIELD

MERCER CO (BLF)(KBLF) 3 NE UTC-5(-4DT) N37°17.76' W81°12.45'

CINCINNATI

2857 B NOTAM FILE BLF

L-26I

RWY 05-23: H4743X100 (ASPH-GRVD) S-30, D-48 HIRL

IAP

RWY 05: REIL. PAPI(P4L)—GA 3.0° TCH 40'. Trees.

RWY 23: REIL. PAPI(P4L)—GA 3.0° TCH 65'. Trees.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 05: TORA-4743 TODA-4743 ASDA-4743 LDA-4743

RWY 23: TORA-4743 TODA-4743 ASDA-4743 LDA-4743

SERVICE: S4 FUEL 100LL, JET A, A+ LGT Actvt REIL Rwy 05 & 23;
PAPI Rwy 05 & 23; HIRL Rwy 05-23; twy lights—CTAF.

AIRPORT REMARKS: Attended 1100-0200Z±. Arpt unattended Christmas and New Years. For svcs call 304-921-3417 (line staff cell). Deer and birds on and invof arpt. 24 hr self-serve fuel. Fuel also avbl by truck drg atnd hrs or aftr hrs by prior argmnt, \$75 call-out fee. Line ofc ph 304-327-8440. Pwr plant repairs: rotary wing repairs only. Fixed wing rprs avbl on call, ctc amgr. Airframe repairs: rotary wing repairs only. Fixed wing rprs avbl on call, ctc amgr. Mowing in progress Apr-Nov all sfcs. Rwy 23 has steep drop-off 320 ft fm thr 0B, 280 ft L and R. Rwy 05 has steep drop-off 175 ft fm thr L side.

AIRPORT MANAGER: 304-327-5308

WEATHER DATA SOURCES: ASOS 132.725 (304) 327-5766.

COMMUNICATIONS: CTAF 122.9

BLUEFIELD RCO 122.2 (ELKINS RADIO)

RCO 122.1R 115.05T (ELKINS RADIO)

® **INDIANAPOLIS CENTER APP/DEP CON** 126.575

CLEARANCE DELIVERY PHONE: For CD if una to ctc on FSS freq, ctc Indianapolis ARTCC at 317-247-2411.

AIRSPACE: CLASS E svc 1025-0225Z±; other times CLASS G.

RADIO AIDS TO NAVIGATION: NOTAM FILE BLF.

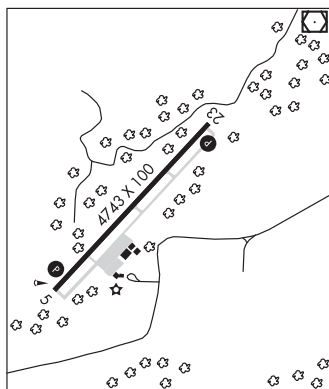
BLUEFIELD (L) (L) VOR/DME 115.05 BLF Chan 97(Y) N37°18.39' W81°11.66' at fld. 2900/3W.

DME unusable:

090°-120° byd 20 NM

120°-220° byd 20 NM blo 10,000'

ILS 109.5 I-BLF Rwy 23. Class IA. Autopilot coupled apchs NA blw 3,600' MSL.



BLUEFIELD N37°18.39' W81°11.66' NOTAM FILE BLF.
(L) (L) VOR/DME 115.05 BLF Chan 97(Y) at Mercer Co. 2900/3W.
 DME unusable:
 090°-120° byd 20 NM
 120°-220° byd 20 NM blo 10,000'
RCO 122.2 (ELKINS RADIO)
RCO 122.1R 115.05T (ELKINS RADIO)

CINCINNATI
L-26I

BOGGS FLD (See SPENCER on page 405)

BRAXTON CO (See SUTTON on page 406)

BUCKHANNON

UPSHUR CO RGNL (W22) 2 W UTC-5(-4DT) N39°00.04' W80°16.50'
 1635 B NOTAM FILE EKN

CINCINNATI
L-29C
IAP

RWY 11-29: H4201X75 (ASPH) S-12.5, D-30 MIRL

RWY 11: Trees.

RWY 29: PAPI(P2L)—GA 3.0° TCH 27'. Trees.

SERVICE: FUEL 100LL, JET A LGT Actvt PAPI Rwy 29; MIRL Rwy 11-29 and twy lgts—CTAF. Visual glideslope indicator and glidepath not coincident.

AIRPORT REMARKS: Attended Mon-Fri 1200-2200Z†, Sat 1200-1700Z†. Unattended major hol, attendant on call 304-472-9437. Self service 100LL and JET A. Deer on and invof arpt.

AIRPORT MANAGER: 304-472-9437

WEATHER DATA SOURCES: AWOS-3 119.975 (304) 472-9428.

COMMUNICATIONS: CTAF/UNICOM 122.8

Ⓡ **CLARKSBURG APP/DEP CON** 121.15 (1200-0400Z†)

Ⓡ **WASHINGTON CENTER APP/DEP CON** 128.6 (0400-1200Z†)

CLEARANCE DELIVERY PHONE: For CD ctc Clarksburg Apch at 304-842-2011, when Apch clsd ctc Washington center at 703-771-3479.

RADIO AIDS TO NAVIGATION: NOTAM FILE EKN.

ELKINS (L) (L) VORTACW 114.2 EKN Chan 89 N38°54.87' W80°05.96' 309° 9.7 NM to fld. 2160/7W.

TACAN AZIMUTH & DME unusable:

081°-189° byd 32 NM blo 9,000'

273°-039° byd 12 NM blo 6,000'

BUSHI N37°46.94' W80°28.11' NOTAM FILE LWB.

CINCINNATI
L-26I

NDB (MHW/LOM) 346 LW 044° 5.6 NM to Greenbrier Valley. 2162/8W.

NDB unusable:

Byd 15 NM

CHARLESTON

WEST VIRGINIA INTL YEAGER (CRW)(KCRW) P (ANG) 3 E UTC-5(-4DT) N38°22.56'

CINCINNATI
H-10G, 12H, L-26H
IAP, AD

W81°35.57'

947 B LRA Class I, ARFF Index B NOTAM FILE CRW MON Airport

RWY 05-23: H6715X150 (ASPH-GRVD) S-120, D-160, 2S-175,
2D-260 PCN 43 F/A/W/T HIRL CL 0.8% up SW

RWY 05: REIL. PAPI(P4L)—GA 3.0° TCH 56'. RVR-TR Pole.

RWY 23: ALSF1. VASI(V4R)—GA 3.0° TCH 56'. RVR-TR Thld dspcd
500'. Pole.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 05: TORA-6715 TODA-6715 ASDA-6215 LDA-6215

RWY 23: TORA-6715 TODA-6715 ASDA-6715 LDA-6215

ARRESTING GEAR/SYSTEM

RWY 23: EMAS

SERVICE: S4 FUEL 100LL, JET A **MILITARY—A-GEAR** Rwy 23 EMAS
328' x 170'. JASU 6(MD-3) 1(MA-1A) FUEL A++ (Mil), A+
(C304-343-8818) (NC-100LL) FLUID LOX OIL O-156(Mil)

AIRPORT REMARKS: Attended continuously. Fuel svc ctc 304-346-9977.

Birds and deer on and in/ov arpt. Rwy 23 mil assault ldg zone and
precision instrument markings. Ldg fee not applicable to based acct.

Flight Notification Service (ADCUS) available.

AIRPORT MANAGER: 304-344-8033

WEATHER DATA SOURCES: ASOS (304) 346-4797 LLWAS.

COMMUNICATIONS: ATIS 127.6 UNICOM 122.95

RCO 122.1R 117.4T (ELKINS RADIO)

CHARLESTON RCO 122.2 (ELKINS RADIO)

Ⓡ CHARLESTON APP/DEP CON 119.2 (South) 124.1 (North) 128.5

CHARLESTON TOWER 125.7 GND CON 121.8 CLNC DEL 118.55

AIRSPACE: CLASS C svc ctc APP CON.

RADIO AIDS TO NAVIGATION: NOTAM FILE CRW.

CHARLESTON (H) (H) VOR/DME 117.4 HVQ Chan 121 N38°20.98' W81°46.19' 082° 8.5 NM to fld. 1099/3W.

VOR unusable:

185°-190°

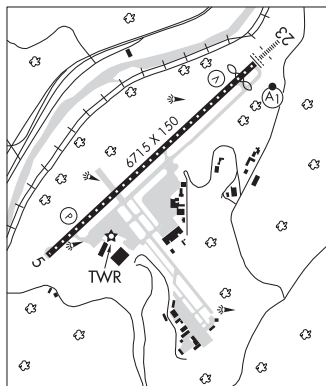
240°-250°

DME unusable:

230°-240°

ILS/DME 110.3 I-HCV Chan 40 Rwy 05. Class IA. ILS unusable for coupled apch blw 1,300' MSL.

ILS/DME 110.3 I-CRW Chan 40 Rwy 23. Class IB. Glideslope unusable byd 4° right of course. Glideslope
unusable for autopilot coupled apch blw 1,700' MSL.



CHESAPEAKE/HUNTINGTON VVA

LAWRENCE CO AIRPORT (HTW)(KHTW) 2 W UTC-5(-4DT) N38°25.15' W82°29.69'

CINCINNATI

567 B TPA-1607(1040) NOTAM FILE DAY

RWY 08-26: H2998X70 (ASPH) MIRL 0.3% up E

RWY 08: Thld dspcd 172'. Trees.

SERVICE: S2 FUEL 100LL LGT ACTIVATE MIRL Rwy 08-26—CTAF.

AIRPORT REMARKS: Unattended. Fuel: 100LL avbl H24 self svc via credit
card.

AIRPORT MANAGER: 740-532-3309

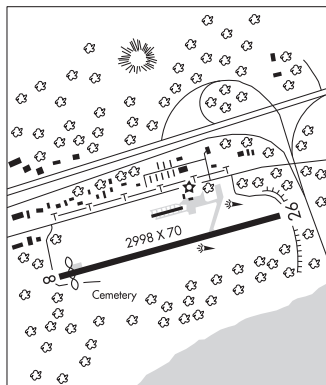
COMMUNICATIONS: CTAF/UNICOM 122.7

CLEARANCE DELIVERY PHONE: For CD ctc huntington ATCT at
304-453-2490.

RADIO AIDS TO NAVIGATION: NOTAM FILE LOU.

YORK (L) (L) VORTAC 112.8 YRK Chan 75 N38°38.65'

W82°58.70' 125° 26.5 NM to fld. 1040/5W.



CLARKSBURG

NORTH CENTRAL WEST VIRGINIA (CKB)(KCKB) P (ARNG) 1 NE UTC-5(-4DT) N39°17.86'

CINCINNATI

H-10H, 121, L-29C
IAP, AD

W80°13.65'

1224 B Class I, ARFF Index B NOTAM FILE CKB

RWY 03-21: H7800X150 (ASPH-GRVD) S-80, D-125, 2S-158,
2D-180, 2D/2D2-180 PCN 46 F/B/X/U HIRL 0.5% up NE
RWY 03: REIL. PAPI(P4L)—GA 3.44° TCH 50'. RVR-R Thld dsplcd
670'. Trees.

RWY 21: MALSR. PAPI(P4L)—GA 3.0° TCH 60'. RVR-T Trees.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 03: TORA-7800 TODA-7800 ASDA-7800 LDA-7130

RWY 21: TORA-7800 TODA-7800 ASDA-7130 LDA-7130

SERVICE: S4 FUEL 100LL, JET A LGT Actvt MALSR Rwy 21; REIL Rwy
03; PAPI Rwy 03 and 21; and HIRL Rwy 03-21 —CTAF.

**MILITARY—FUEL A, A+ (1000-0400Z†; After hr C304-848-6700, fee
\$75.00/occurrence. Two hr PN rqr prior to 2300Z†
C304-842-3400.) (NC-100LL - Not avbl 0400-1000Z†.)**

AIRPORT REMARKS: Attended 1200-0400Z†. After hrs for emergs call
304-623-6559. Deer and birds on and invof arpt. Fuel not avbl
during hrs 0400-1000Z†. Ctng obstn slope at dsplcd location Rwy
03 is 29:1. PPR 24 hours for unsked ACR ops with more than 30 psgr
seats call amgr 304-842-3400 or 304-848-6700. Twy A south of
Twy C, main terminal apron, and helipad not visible from twr. Twy H,
E of Twy H1 clsd to tran aircraft. Ldg fee for all acft over 6500 lbs. 24 PPR for parking on ARNG ramp DSN 661-3800,
C304-201-3800.

AIRPORT MANAGER: 304-842-3400

WEATHER DATA SOURCES: ASOS (304) 842-9240 LAWRS.

COMMUNICATIONS: CTAF 126.7 ATIS 127.825 UNICOM 123.0

® CLARKSBURG APP/DEP CON 121.15 (1200-0400Z†)

® CLEVELAND CENTER APP/DEP CON 126.95 (0400-1200Z†) or ctc Cleveland ARTCC at 440-774-0226

CLARKSBURG TOWER 126.7 (1200-0400Z†) GND CON 121.9 ARNG OPS 123.425

CLEARANCE DELIVERY PHONE: For CD ctc Clarksburg Apch at 304-842-2011, when Apch clsd ctc Cleveland ARTCC at
440-774-0226.

AIRSPACE: CLASS D svc 1200-0400Z†; other times CLASS G.

RADIO AIDS TO NAVIGATION: NOTAM FILE CKB.

CLARKSBURG (L) (L) VOR/DME 112.6 CKB Chan 73 N39°15.19' W80°16.07' 039° 3.3 NM to fld. 1427/4W.

VOR unusable:

041°-051° byd 6 NM

056°-081°

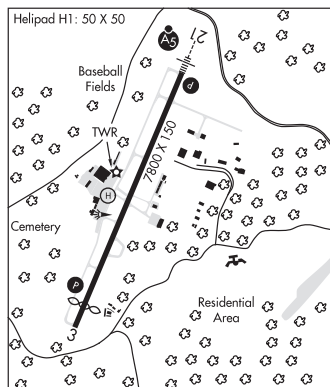
116°-137°

ILS 109.3 I-CKB Rwy 21. Class IB. Unmonitored when ATCT clsd. Glideslope unusable byd 5° left of course.

Autopilot cpd apch NA blw 2,000' MSL. LOC front unusable byd 15° left and r of course.

• • • • •
HELIPAD H1: H50X50 (CONC)

HELIPORT REMARKS: Helipad H1 located on FBO apron. Heli, H-1 sfc cond fair, pavement cracking.



COALTON N38°52.35' W79°55.63'

RCO 122.2 (ELKINS RADIO)

CINCINNATI

L-29C

EASTERN WV RGNL/SHEPHERD FLD (See MARTINSBURG on page 397)

ELKINS/RANDOLPH CO (JENNINGS RANDOLPH FLD) (EKN)(KEKN) 2 S UTC-5(-4DT) N38°53.37' CINCINNATI
W79°51.43' L-29C
1987 B TPA-3000(1013) NOTAM FILE EKN IAP

RWY 14-32: H4544X140 (ASPH) S-10 1.0% up NW

RWY 14: Tree.

RWY 32: Thld dsplcd 1390'. Trees.

RWY 05-23: H4501X75 (ASPH) S-28, D-35, 2D-56 MIRL 0.6% up SW

RWY 05: Thld dsplcd 154'. Trees.

RWY 23: REIL. PAPI(P2L)-GA 5.0° TCH 45'. Antenna.

SERVICE: FUEL 100LL, JET A LGT Actvt MIRL Rwy 05-23 & REIL Rwy 23-122.9. Rwy 23 omni-directional REIL. PAPI Rwy 23 non-std 5 deg glide angle.

AIRPORT REMARKS: Attended 1330-2200Z†. Rwy 14-32 CLOSED dusk-dawn. Deer on and invof arpt. Uncontrolled vehicles Rwy 32 crossing thr. For aftr hrs serv call amgr during bus hrs. All fueling 24 hr self service. Rwy 32, 100 ft AGL twr, 500 ft SW. Tower 100ft AGL 500 ft SW Rwy 32. Rwy 05-23 & Rwy 14-32 2-12 inch deep drainage structures on paved shoulders. Rwy 32 156 ft trees, 110 fm rwy end 220 L. Cold temperature airport. Altitude correction required at or below -20C. Rwy 23, 68 ft athletic fld lgts, 550 ft south of rwy centerline.

AIRPORT MANAGER: 304-636-2726

WEATHER DATA SOURCES: ASOS 119.275 (304) 636-5603.

COMMUNICATIONS: CTAF 123.6

Ⓡ CLARKSBURG APP/DEP CON 121.15 (1200-0400Z†)

Ⓡ WASHINGTON CENTER APP/DEP CON 128.6 (0400-1200Z†)

CLEARANCE DELIVERY PHONE: For CD if una to ctc on FSS freq, ctc Washington ARTCC at 703-771-3587.

AIRSPACE: CLASS E svc 1200-0400Z†; other times CLASS G.

RADIO AIDS TO NAVIGATION: NOTAM FILE EKN.

(L) (L) VORTACW 114.2 EKN Chan 89 N38°54.87' W80°05.96' 104° 11.4 NM to fld. 2160/7W.

TACAN AZIMUTH & DME unusable:

081°-189° byd 32 NM blo 9,000'

273°-039° byd 12 NM blo 6,000'

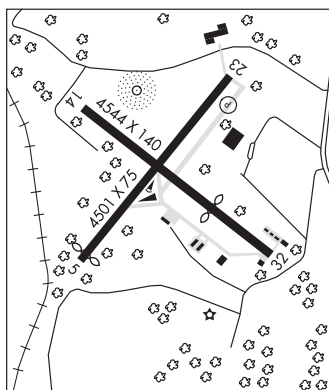
RANDOLPH COUNTY NDB (HW) 284 RQY N38°53.64' W79°51.56' at fld. 1938/7W.

NDB unusable:

018°-084° byd 10 NM

085°-017° byd 15 NM

LDA/DME 109.9 I-OUW Chan 36 Rwy 00X. LDA is circling apch only. LOC unusable byd 6.0 NM blw 4,500'. DME portion unusable byd 6.0 NM blw 4,500'.



ELKINS N38°54.87' W80°05.96' NOTAM FILE EKN. CINCINNATI
(L) (L) VORTACW 114.2 EKN Chan 89 104° 11.4 NM to Elkins/Randolph Co (Jennings Randolph Fld). H-10H, 12H, L-29C
2160/7W.

TACAN AZIMUTH & DME unusable:

081°-189° byd 32 NM blo 9,000'

273°-039° byd 12 NM blo 6,000'

FAIRMONT MUNI-FRANKMAN FLD (4G7) 2 SW UTC-5(-4DT) N39°26.85' W80°10.06' CINCINNATI
1032 B NOTAM FILE EKN L-29C
IAP

RWY 05-23: H2965X75 (ASPH) S-12.5 MIRL 0.7% up SW

RWY 05: Thld dsplcd 720'. Ground.

RWY 23: REIL. Trees.

SERVICE: S4 FUEL 100LL LGT Rwy 05-23 MIRL opr continuously dusk to 0500Z†. After 0500Z†, ACTIVATE REIL Rwy 23; MIRL Rwy 05-23-CTAF.

AIRPORT REMARKS: Attended Apr-Oct 1300Z†-dusk, Nov-Mar 1400-2200Z†. Deer on and in vicinity of arpt. Radio twrs approximately 300' AGL 1.9 NM NE and 2.2 NM NW. Rwy 05 has +30' hill at SW end. Rwy 23 has 100' drop off, NE end.

AIRPORT MANAGER: 304-366-1300

COMMUNICATIONS: CTAF/UNICOM 122.8

Ⓡ CLARKSBURG APP/DEP CON 121.15 (1200-0400Z†)

Ⓡ CLEVELAND CENTER APP/DEP CON 126.95 (0400-1200Z†) or ctc Cleveland ARTCC at 440-774-0226.

CLNC DEL 118.35

CLEARANCE DELIVERY PHONE: For CD ctc Clarksburg Apch at 304-842-2011, when Apch clsd ctc Cleveland ARTCC at 440-774-0226.

RADIO AIDS TO NAVIGATION: NOTAM FILE MGW.

MORGANTOWN (L) (L) VOR/DME 111.6 MGW Chan 53 N39°33.40' W79°51.62' 250° 15.7 NM to fld. 2343/5W.

GRANT CO (See PETERSBURG on page 401)

GREENBRIER VALLEY (See LEWISBURG on page 396)

HENDERSON N38°45.25' W82°01.57' NOTAM FILE EKN.
 (H) DME 115.9 HNN Chan 106 307° 8.0 NM to Gallia-Meigs Rgnl. 880.
 DME unusable:
 185°-290° blo 4,500'

CINCINNATI
 H-10G, L-22F, 26H

HERRON (See NEW CUMBERLAND on page 400)

HUNTINGTON

ROBERT NEWLON FLD (I41) 6 NE UTC-5(-4DT) N38°27.42' W82°18.83'
 550 NOTAM FILE EKN

CINCINNATI

RWY 02-20: 2300X75 (TURF)

RWY 02: Tree.

RWY 20: Rgt ttc.

AIRPORT REMARKS: Attended Mon-Thu irregularly. Parachute Jumping. Skydiving actvy on fld. Rwy 02-20 CLOSED nights. Rwy 20 trucks and heavy eqpt parked in apch. Rwy 02-20 75' trees 100' west of cntrln. For FICONS call 304-417-2343.

AIRPORT MANAGER: 304-733-1240

COMMUNICATIONS: CTAF 122.9

CLEARANCE DELIVERY PHONE: For CD ctc huntington ATCT at 304-453-2490.

TRI-STATE/MILTON J FERGUSON FLD (HTS)(KHTS) 3 S UTC-5(-4DT) N38°22.11'
 W82°33.62'

CINCINNATI

H-10G, 12H, L-26H
 IAP, AD

828 B LRA Class I, ARFF Index B NOTAM FILE HTS

RWY 12-30: H7017X150 (ASP-GRVD) S-110, D-140, 2S-175,
 2D-230 PCN 81 F/C/X/T HIRL

RWY 12: MALSR. PAPI(P4L)—GA 3.0° TCH 56'. RVR-T Trees.

RWY 30: REIL. PAPI(P4L)—GA 3.0° TCH 49'. RVR-R Thld dspcd
 501'.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 12: TORA-7017 TODA-7017 ASDA-6516 LDA-6516

RWY 30: TORA-7017 TODA-7017 ASDA-7017 LDA-6516

SERVICE: S4 FUEL 100LL, JET A OX 3, 4 L&T PAPI Rwy 30 unusable
 byd 7° left of centerline.

AIRPORT REMARKS: Attended continuously. Birds and deer on and invof arpt.

Pilots report possibility of mistaking fuel burning stack located approximately 2 miles west Rwy 12 for apch lgtg sequenced flashing lghts. Rwy 12 obstruction twr located 5100' west and 600' north end rwy. Ldg fee: fee for acft unless fuel purchased. Flight Notification Service (ADCUS) available.

AIRPORT MANAGER: 304-453-6165

WEATHER DATA SOURCES: ASOS (304) 453-3408

COMMUNICATIONS: ATIS 125.2 UNICOM 122.95

HUNTINGTON RCO 122.2 (ELKINS RADIO)

Ⓡ HUNTINGTON APP/DEP CON 119.75 (South) 128.4 (North)

HUNTINGTON TOWER 118.5 GND CON 121.9 CLNC DEL 118.05

AIRSPACE: CLASS D.

TRSA svc ctc APP CON

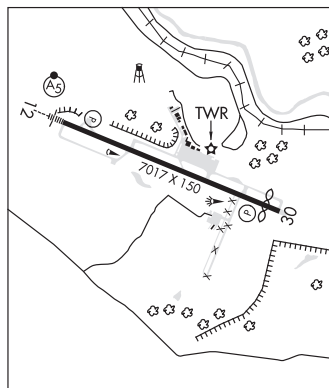
RADIO AIDS TO NAVIGATION: NOTAM FILE LOU.

NEWCOMBE (L) DME 110.4 ECB Chan 41 N38°09.50' W82°54.60' 053° 20.8 NM to fld. 1070.

ILS/DME 109.9 I-HTS Chan 36 Rwy 12. Class IC.

ILS/DME 108.7 I-TUU Chan 24 Rwy 30. Class IB.

ASR



IVY KNOB N37°47.17' W81°31.12'
 RCO 122.4 (ELKINS RADIO)

CINCINNATI
 L-26H

JACKSON CO (See RAVENSWOOD on page 403)

KEE FLD (See PINEVILLE on page 402)

KESSEL N39°13.53' W78°59.37' NOTAM FILE EKN.
 (L) (L) **VORW/DME** 110.8 ESL Chan 45 214° 15.6 NM to Grant Co. 2590/6W.
 DME unusable:
 260°-270° byd 10 NM blo 6,500'
 288°-295° byd 10 NM blo 6,500'

CINCINNATI
 H-10H, L-26I

LAWRENCE CO AIRPARK (See CHESAPEAKE/HUNTINGTON WVA on page 392)

LEWISBURG

GREENBRIER VALLEY (LWB)(KLWB) 3 N UTC-5(-4DT) N37°51.50' W80°23.97'

CINCINNATI
 H-10H, 12H, L-26I
 IAP, AD

2302 B ARFF Index—See Remarks NOTAM FILE LWB

RWY 04-22: H7003X150 (ASPH-GRVD) S-90, D-120, 2S-152,
 2D-160 PCN 52 F/D/X/U HIRL

RWY 04: MALSRL.

RWY 22: REIL.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 04: TORA-7003 TODA-7003 ASDA-7003 LDA-7003

RWY 22: TORA-7003 TODA-7003 ASDA-7003 LDA-7003

SERVICE: S2 FUEL 100LL, JET A LGT ACTVT MALSRL Rwy 04; REIL
 Rwy 22; HIRL Rwy 04-22; twy lgts—CTAF. VASI Rwy 22 opr consly.

AIRPORT REMARKS: Attended continuously. Birds and deer on and in/ovf
 arpt. Class I, ARFF Index B. PPR 24 hrs for unscheduled air carrier
 ops with more than 30 passenger seats call arpt manager
 304-645-3961. ARFF Index C equipment avbl upon request. Rwy
 04-22 edge lights are 35' fm painted rwy edge mrkgs. Rwy 04-22
 usbl painted rwy width is 100' with 25' paved shoulders. Ldg fee.
 Multi engine only, fee waived if purchase fuel.

AIRPORT MANAGER: 304-646-7382

WEATHER DATA SOURCES: AWOS-3 121.4 (304) 645-4533.

COMMUNICATIONS: CTAF 118.9 UNICOM 122.95 ATIS 121.4 (1400-0000Z‡)

WASHINGTON CENTER APP/DEP CON 134.4

LEWISBURG TOWER 118.9 (1400-0000Z‡) GND CON 121.9

CLNC DEL 125.725 (when twr clsd)

AIRSPACE: CLASS D svc 1400-0000Z‡; other times CLASS G.

RADIO AIDS TO NAVIGATION: NOTAM FILE LWB.

(H) **DME** 116.05 LWB Chan 107(Y) N37°51.83' W80°23.51' at fld. 2338.

DME unusable:

095°-150°

151°-185° byd 20 NM blo 10,000'

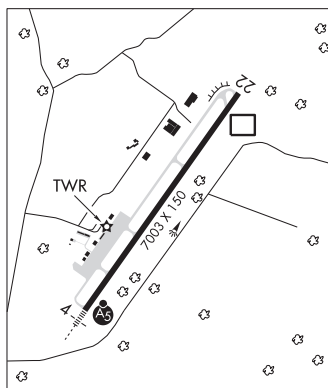
186°-196° byd 20 NM blo 7,000'

197°-094° byd 20 NM blo 10,000'

BUSHI NDB (LOM) 346 LW N37°46.94' W80°28.11' 044° 5.6 NM to fld. Autopilot cpd apch NA blw 2,770' MSL.

ILS 110.35 I-LWB Rwy 04. LOM BUSHI NDB. Autopilot cpd apch NA blw 2,770' MSL. LOC unusable 0.3 NM inbnd.

COMM/NAV/WEATHER REMARKS: Use CTAF 118.9 when twr clsd. Freq 121.5 not avbl at twr. If unable to contact Washington
 Center on 134.4, contact Washington Center on 125.725.



LOGAN CO (6L4) 4 E UTC-5(-4DT) N37°51.34' W81°54.95'

CINCINNATI

1666 B NOTAM FILE EKN

L-26H

RWY 06-24: H3605X75 (ASPH) MIRL 0.3% up NE

IAP

RWY 06: REIL. PAPI(P2L)—GA 3.0° TCH 47'. Trees.**RWY 24:** REIL. PAPI(P2L)—GA 3.0° TCH 42'. Trees.**SERVICE:** S4 **FUEL** 100LL, JET A **LGT** ACTVT REIL Rwy 06 and 24; PAPI Rwy 06 and 24; MIRL Rwy 06-24—CTAF.**AIRPORT REMARKS:** Attended 1400-2200Z†. Deer and wildlife on and invof arpt. Low lvl C-130 mil opns in vcnty. Ck NOTAMs.

100LL fuel 24 hr self-svc. Rwy 06, 30 ft hill 800 ft from thld left. Airport access code—CTAF. Military practice rwy 1.2 miles NE of Rwy 24 end. Not charted. Wind indicator: Cntr fld windsck not ver, wind indc unrelbl. Adnl windsck at Rwy 06 and 24 ends unlgt.

AIRPORT MANAGER: 304-752-0975**WEATHER DATA SOURCES:** AWOS-3PT 119.375 (304) 752-0814.**COMMUNICATIONS:** CTAF 122.9Ⓡ **CHARLESTON APP/DEP CON** 119.2 (North)

INDIANAPOLIS CENTER APP/DEP CON 126.575 (South)

CLEARANCE DELIVERY PHONE: For CD ctc Charleston Apch at 304-344-5867 ext 281.**RADIO AIDS TO NAVIGATION:** NOTAM FILE CRW.**CHARLESTON (H) (H) VOR/DME** 117.4 HVQ Chan 121 N38°20.98' W81°46.19' 196° 30.4 NM to fld. 1099/3W.

VOR unusable:

185°-190°

240°-250°

DME unusable:

230°-240°

COMM/NAV/WEATHER REMARKS: For acft maint svcs call 304-752-0094 days, 304-946-4415 nights.**MARSHALL CO** (See MOUNDSVILLE on page 399)**MARTINSBURG****EASTERN WV RGNL/SHEPHERD FLD** (MRB)(KMRB) P (ANG) 4 S UTC-5(-4DT) N39°24.14'

WASHINGTON

W77°58.98'

H-10H, 121, L-29D, A

565 B TPA—See Remarks ARFF Index—See Remarks NOTAM FILE MRB

IAP, AD

RWY 08-26: H8815X150 (ASPH-CONC-GRVD) S-120, D-195,

2S-175, 2T-585, 2D-339, 2D/D1-568, 2D/2D2-830, C5-840

PCN 56 R/B/W/T HIRL

RWY 08: REIL. PAPI(P4L)—GA 3.0° TCH 53'.**RWY 26:** MALSR. VASI(V4L)—GA 3.0° TCH 53'. Thld dspcd 1000'.

Tree.

RUNWAY DECLARED DISTANCE INFORMATION**RWY 08:** TORA-8815 TODA-8215 ASDA-8215 LDA-8215**RWY 26:** TORA-8815 TODA-8815 ASDA-8815 LDA-7815**SERVICE:** S4 **FUEL** 100LL, JET A, A++ **OX3** **LGT** When ATCT clsd,

actvt MALSR Rwy 26; REL Rwy 08; PAPI Rwy 08; HIRL Rwy

8-26—CTAF. **MILITARY—FUEL** A++ (Mil) (NC-100LL, A - OT foneC304-262-2507.) **FLUID** PRESAIR-Avbl 2200-0200Z† or 30 minPN and prior arng on hol. **OIL** O-156 and O-148 (Mil).**NOISE:** ANG quiet hrs 0400-1200Z† Mon-Fri 2100-1300Z† Sat-Sun.**AIRPORT REMARKS:** Attended 1200-0000Z†. Deer and birds on and invof

arpt. 100LL full svc 1200-0000Z†, after hrs call 304-262-2507.

24/7 self svc. A++: full svc 1200-0000Z†, after hrs call

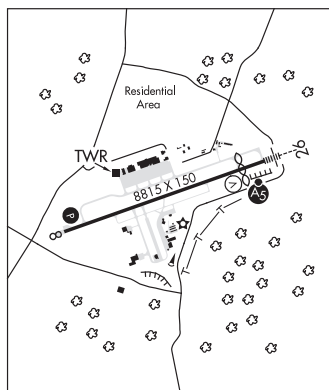
304-262-2507. A: full svc 1200-0000Z†, after hrs call

304-262-2507. No grass landings. FAA ARFF Index D/NFPA Cat 8; Index E/Cat 10 equip avbl. Twy B clsd fm fuel farm

south. Twy D clsd pstd pvt hangar 1750 ft S of Twy E. TPA—rectangular 1600(1035), lgt and rotary wing acft,

2100(1535), for heavy acft, overhead 2100(1535). Rwy 26 first 590 ft conc, middle 7125 ft. asph, last 1100 ft conc.

Ldg fee. Ldg fee for acft greater than 5000 lbs GWT (mil, fed, state, based acft exempt).

AIRPORT MANAGER: 304-263-2106

CONTINUED ON NEXT PAGE

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WEATHER DATA SOURCES: ASOS 119.925 (304) 264-0988. unmonitored when twr clsd.

COMMUNICATIONS: CTAF 124.3 UNICOM 122.95

RCO 122.2 (LEESBURG RADIO)

Ⓡ POTOMAC APP/DEP CON 126.825

MARTINSBURG TOWER 124.3 (1200-0400Z‡ Mon-Fri, 1300-2100Z‡ Sat-Sun, other times by NOTAM) GND CON 121.8
CLNC DEL 132.075

CLEARANCE DELIVERY PHONE: For CD when ATCT clsd, ctc Potomac Apch on 132.075 or if una 866-709-4993.

AIRSPACE: CLASS D svc 1200-0400Z‡ Mon-Fri, 1300-2100Z‡ Sat-Sun; other times by NOTAM; other times CLASS E.

RADIO AIDS TO NAVIGATION: NOTAM FILE MRB.

MARTINSBURG (L) (L) VORTACW 112.1 MRB Chan 58 N39°23.13' W77°50.90' 286° 6.3 NM to fld. 600/7W.

VOR unusable:

020°-030° byd 15 NM blo 6,900'

127°-146° byd 15 NM

290°-310° byd 35 NM blo 5,400'

ILS 108.3 I-EXW Rwy 26. Class IE.

MASON CO (See POINT PLEASANT on page 403)

MERCER CO (See BLUEFIELD on page 390)

MID-OHIO VALLEY RGNL (See PARKERSBURG on page 400)

MILTON

ONA AIRPARK (12V) 4 W UTC-5(-4DT) N38°26.45' W82°12.05'

572 NOTAM FILE EKN

RWY 07-25: H3154X40 (ASPH) LIRL(NSTD)

RWY 07: Trees.

RWY 25: Trees.

SERVICE: S4 FUEL 100LL LGT Rwy 07-25 Nstd LIRL lights, nstd spacing and colors.

NOISE: Noise abatement procedures in effect; dep Rwy 25 fly 240° and dep Rwy 07 fly 090° to 1600' alt.

AIRPORT REMARKS: Attended continuously. Vehicles crossing rwy. Fuel 24 hr self-svc. Fence, poles, buildings in primary sfc west side. Rwy exit to ramp has depression. Race track adjacent to Rwy 07-25. Rwy 07-25 markings faded, numbers only, no cntrln mkgs.

AIRPORT MANAGER: (954) 328-7646

COMMUNICATIONS: CTAF/UNICOM 122.8

Ⓡ HUNTINGTON APP/DEP CON 119.75 (West)

Ⓡ CHARLESTON APP/DEP CON 124.1 (East)

CLEARANCE DELIVERY PHONE: For CD ctc huntington ATCT at 304-453-2490.

RADIO AIDS TO NAVIGATION: NOTAM FILE CRW.

CHARLESTON (H) (H) VOR/DME 117.4 HVQ Chan 121 N38°20.98'

W81°46.19' 288° 21.0 NM to fld. 1099/3W.

VOR unusable:

185°-190°

240°-250°

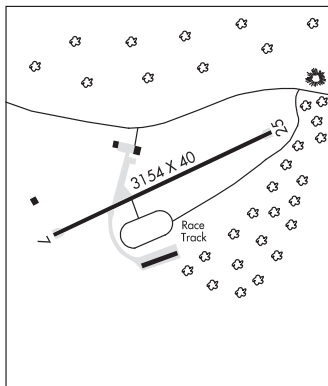
DME unusable:

230°-240°

CINCINNATI

L-26H

IAP



MORGANTOWN MUNI/WALTER L BILL HART FLD (MGW)(KMGW) 3 E UTC-5(-4DT)CINCINNATI
H-10H, 121, L-29C
IAP, AD

N39°38.62' W79°55.05'

1244 B Class I, ARFF Index A NOTAM FILE MGW

RWY 18-36: H5199X150 (ASPH-GRVD) S-65, D-90, 2D-175

PCN 36 F/C/W/T HIRL

RWY 18: MALSR. PAPI(P4L)—GA 3.0° TCH 59'.**RWY 36:** REIL. VASI(V4L)—GA 3.0° TCH 52'.**RUNWAY DECLARED DISTANCE INFORMATION****RWY 18:** TORA-5199 TODA-5199 ASDA-5199 LDA-5199**RWY 36:** TORA-5199 TODA-5199 ASDA-5199 LDA-5199**SERVICE:** S2 FUEL 100LL, JET A LGT When ATCT clsd ACTVT MALSR

Rwy 18; REIL Rwy 36; VASI Rwy 36; HIRL Rwy 18-36; twy lghts—CTAF.

AIRPORT REMARKS: Attended Mon-Fri 1000-0500Z±; Sat-Sun 1000-0400Z±. Deer and birds on and invof arpt. Be alert: possibility of turbulence invof power plant stacks 3.6 miles N of afld durg cold weather. PPR 24 hrs for unscheduled air carrier ops call arpt manager 304-291-7461. FBO hrs Mon-Fri 1000-0500Z±, Sat-Sun 1000-0400Z±. 24-hr phone nr 304-296-2359. Ldg fee for acft 6500 lbs and over.**AIRPORT MANAGER:** 304-291-7461**WEATHER DATA SOURCES:** ASOS 120.675 (304) 296-7103.**COMMUNICATIONS:** CTAF 125.1 UNICOM 122.95

RCO 122.1R 111.6T (ELKINS RADIO)

Ⓡ CLARKSBURG APP/DEP CON 121.15 (1200-0400Z±)

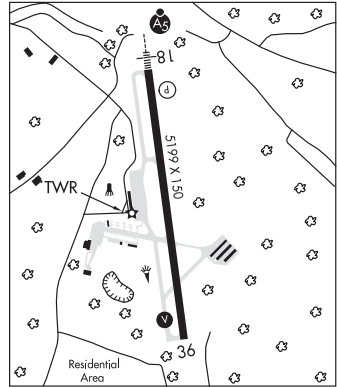
Ⓡ CLEVELAND CENTER APP/DEP CON 126.95 (0400-1200Z±) or ctc Cleveland ARTCC at 440-774-0226.

TOWER 125.1 (1200-0400Z±) GND CON 121.7

CLEARANCE DELIVERY PHONE: For CD ctc Clarksburg Apch at 304-842-2011, when Apch clsd ctc Cleveland ARTCC at 440-774-0226.**AIRSPACE:** CLASS D svc 1200-0400Z±; other times CLASS E.**RADIO AIDS TO NAVIGATION:** NOTAM FILE MGW.

(L) (L) VOR/DME 111.6 MGW Chan 53 N39°33.40' W79°51.62' 338° 5.8 NM to fld. 2343/5W.

ILS 108.5 I-MGW Rwy 18. Class IA. Unmonitored when twr clsd. Autopilot coupled approach NA blw 1,760' MSL.

**MOUNDSVILLE****MARSHALL CO** (MPG)(KMPG) 3 S UTC-5(-4DT) N39°52.85' W80°44.15'CINCINNATI
L-29B
IAP

1215 B NOTAM FILE EKN

RWY 06-24: H3301X60 (ASPH) S-12.5 MIRL 0.6% up SW**RWY 06:** PAPI(P2L)—GA 4.0° TCH 30'. P-line.**RWY 24:** PAPI(P2R)—GA 3.0° TCH 46'. P-line.**SERVICE:** S4 FUEL 100LL LGT ACTIVATE rtg bcn—CTAF. ACTIVATE MIRL Rwy 06-24—CTAF. PAPI Rwy 06 and 24 oper cont. Rwy 24 VGSi unusbl byd 7° left of cntrln.**AIRPORT REMARKS:** Attended 1330Z±—dusk. After hrs atndt 304-312-1119 (mgr cell). Deer and birds on and invof arpt. Self svc fuel avbl 24/7 with credit card. Rwy 06-24 slopes up 0.6% from south to north. Rwy 24, due to terrain, winds may be turbulent on apch. Rwy safety area both ends have 100' drop offs 200' from thld OB.**AIRPORT MANAGER:** 304-845-0200**WEATHER DATA SOURCES:** AWOS-3 119.05 (304) 845-2959.**COMMUNICATIONS:** CTAF/UNICOM 122.7

CLEVELAND CENTER APP/DEP CON 126.95 or call ZOB 440-774-0442

CLEARANCE DELIVERY PHONE: For CD ctc Cleveland ARTCC at 440-774-0226.**RADIO AIDS TO NAVIGATION:** NOTAM FILE CLE.

BELLAIRE (H) (H) VOR/DME 117.1 AIR Chan 118 N40°01.02' W80°49.03' 162° 9.0 NM to fld. 1307/7W.

NEW CUMBERLAND

HERRON (7G1) 3 NE UTC-5(-4DT) N40°31.99' W80°32.47'

DETROIT

1226 TPA—2001(775) NOTAM FILE EKN

RWY 04-22: H2030X20 (ASPH) RWY LGTS(NSTD) 1.0% up SW

RWY 04: Trees.

RWY 22: Trees.

RWY 01-19: 1200X24 (TURF) 1.8% up N

RWY 01: Trees.

RWY 19: Trees.

SERVICE: S2 **LGT** Arpt lgts opr dusk-0400Z±. ACTVT LIRL Rwy 04-22—123.0—5 times on/5 times off. Rwy 04-22 has lgts on SE side only.

AIRPORT REMARKS: Attended irregularly. Deer on and invof arpt. Ultralight activity. Repairs by prior arrangement. Attendant not on duty. Rwy 04-22 numbers only. Rwy 04 and 22 ends not visible fm each end. Traffic on rd crossing rwy not visible fm Rwy 04 end. Public road crosses center of afld, do not taxi on road, wing will not clear stop sign on road. Rwy 04-22 slopes up fm E to W, aprx 30' . 30' drop off at each rwy end. Overnight fee waived with minimum fuel purchase.

AIRPORT MANAGER: 304-387-0191

COMMUNICATIONS: CTAF 122.9

CLEARANCE DELIVERY PHONE: For CD ctc Pittsburgh Apch at 412-472-5591

NORTH CENTRAL WEST VIRGINIA (See CLARKSBURG on page 393)

ONA AIRPARK (See MILTON on page 398)

PARKERSBURG

MID-OHIO VALLEY RGNL (PKB)(KPKB) P (ARNG) 6 NE UTC-5(-4DT) N39°20.70' W81°26.36'

CINCINNATI

859 B Class I, ARFF Index A NOTAM FILE PKB

H-10G, 12I, L-29B

RWY 03-21: H7240X150 (ASPH-GRVD) S-85, D-100, 2D-175

PCN 31 R/C/X/T HIRL 0.8% up NE

RWY 03: MALSR. PAPI(P4L)—GA 3.0° TCH 49'. RVR-TR

RWY 21: REIL. PAPI(P4R)—GA 3.0° TCH 56'. RVR-TR Thld dsplcd 460'.

RWY 10-28: H4002X150 (ASPH-GRVD) S-50, D-75, 2D-135

PCN 30 R/C/X/T HIRL

RWY 10: REIL. PAPI(P2L)—GA 3.0° TCH 46'.

RWY 28: REIL. PAPI(P2L)—GA 3.0° TCH 43'.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 03: TORA-7240 TODA-7240 ASDA-6780 LDA-6780

RWY 10: TORA-4002 TODA-4002 ASDA-4002 LDA-4002

RWY 21: TORA-7240 TODA-7240 ASDA-7240 LDA-6780

RWY 28: TORA-4002 TODA-4002 ASDA-4002 LDA-4002

SERVICE: S2 **FUEL** 100LL, JET A **LGT** When ATCT clsd actvt MALSR

Rwy 03; REIL Rwy 10 & 21; HIRL Rwy 03-21 & 10-28—CTAF. PAPI

Rwy 03 & 21 opr consly. REIL Rwy 28 unavbl when ATCT clsd. Rwy

21 PAPI unusbl byd 5 degs left and 9 degs right of cntrln. Rwy 28 PAPI

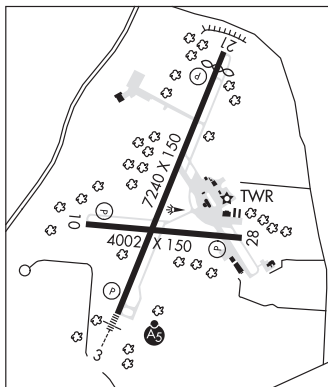
usubl byd 8 degs left and 8 degs right of cntrln. **MILITARY—FUEL** A+,

A, JP8 (Opr 1030-00430Z± C304-464-5113, OT 2 hr PN

C304-464-5115 fee \$55.) (NC-100LL)

AIRPORT REMARKS: Attended continuously. Birds and deer on and invof arpt. PPR 30 min for unscheduled air carrier ops with more than 30 passenger seats, call arpt manager 304-464-5115. No ldg fee for act less than 6,500 lbs. for act greater than 6,500, ldg fee waived with fuel purchases.

AIRPORT MANAGER: 304-464-5113



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WEATHER DATA SOURCES: ASOS (304) 464-1001

COMMUNICATIONS: CTAF 123.7 ATIS 124.35 UNICOM 122.95

PARKERSBURG RCO 122.2 (ELKINS RADIO)

① INDIANAPOLIS CENTER APP/DEP CON 125.55

PARKERSBURG TOWER 123.7 (1200-0400Z±) GND CON 126.45

CLEARANCE DELIVERY PHONE: When ATCT clsd, for CD ctc Indianapolis ARTCC at 317-247-2411.

AIRSPACE: CLASS D svc 1200-0400Z±; other times CLASS E.

RADIO AIDS TO NAVIGATION: NOTAM FILE PKB.

PARKERSBURG (L) (L) VORW/DME 114.45 JPU Chan 91(Y) N39°26.47' W81°22.49' 211° 6.5 NM to fld. 1016/3W.

VERSI NDB (LOMW) 388 PK N39°15.24' W81°29.10' 028° 5.9 NM to fld. 812/7W.

NDB unusable:

000°-094° byd 10 NM blo 3,000'

095°-149°

150°-210° byd 10 NM

ILS 110.7 I-PKB Rwy 03. Class IB. LOM VERSI NDB. LOM unmonitored.

PARKERSBURG N39°26.47' W81°22.49' NOTAM FILE PKB.

CINCINNATI

(L) (L) VORW/DME 114.45 JPU Chan 91(Y) 211° 6.5 NM to Mid-Ohio Valley Rgnl. 1016/3W.

H-10H, 12H, L-29D

RCO 122.2 (ELKINS RADIO)

PETERSBURG

GRANT CO (W99) 1 SW UTC-5(-4DT) N38°59.70' W79°08.75'

CINCINNATI

963 B NOTAM FILE EKN

H-10H, 12I, L-29D

RWY 13-31: H5000X75 (ASPH) S-41, D-53.4 MIRL 0.3% up NW

IAP

RWY 13: REIL. Fence.

RWY 31: REIL. PAPI(P4L)—GA 6.5° TCH 46'. Fence. Rgt tfc.

SERVICE: S4 FUEL 100LL, JET A LGT Actvt REIL Rwy 13 and 31; PAPI Rwy 31; MIRL Rwy 13-31—CTAF.

AIRPORT REMARKS: Attended 1200-0000Z±. Afrt hrs on call 304-209-2603. Birds on and invof arpt. 100LL self svc fuel 24/7. Glider ops. Rwy 31 rgt tfc for glider and ultra-light only. All other powered acct std left tfc pat. Cold temperature airport. Altitude correction required at or below -8C.

AIRPORT MANAGER: 304-257-4435

WEATHER DATA SOURCES: AWOS-3 124.475 (304) 257-2477.

COMMUNICATIONS: CTAF/UNICOM 122.8

① WASHINGTON CENTER APP/DEP CON 133.55

CLEARANCE DELIVERY PHONE: For CD ctc Washington ARTCC at 703-771-3587.

RADIO AIDS TO NAVIGATION: NOTAM FILE EKN.

KESSEL (L) (L) VORW/DME 110.8 ESL Chan 45 N39°13.53' W78°59.37' 214° 15.6 NM to fld. 2590/6W.

DME unusable:

260°-270° byd 10 NM blo 6,500'

288°-295° byd 10 NM blo 6,500'

LDA/DME 111.5 I-YQ Chan 52 Rwy 31. DME unusable byd 25° left of course and byd 28° r of course. DME

unusable byd 10 NM blw 4,500'; byd 13 NM blw 4,900'; byd 14 NM blw 5,200'; byd 15 NM blw 5,900', byd 19 NM. LOC unusable byd 10 NM blw 4,200'.

PHILIPPI

PHILIPPI/BARBOUR CO RGNL (79D) 2 NW UTC-5(-4DT) N39°09.97' W80°03.74'

CINCINNATI
L-29C
IAP

1755 B NOTAM FILE EKN

RWY 08-26: H3275X60 (ASPH) MIRL

RWY 08: REIL. PAPI(P2L)—GA 3.0° TCH 20'. Thld dsplcd 140'. Tree.

RWY 26: PAPI(P2L)—GA 3.0° TCH 20'. Thld dsplcd 225'. Ground.

SERVICE: FUEL 100LL LGT Dusk-Dawn. Activate REIL Rwy 08; PAPI Rwys 08 and 26; MIRL Rwy 08-26—CTAF.

AIRPORT REMARKS: Unattended. Wildlife invof arpt. Fuel 24 hr self-serve. Arpt fenced. Vehicle gate locked. Only access via pedestrian gate. Rwy 26 500' drop-off 50' fm thr. Rwy 08 150' drop-off 112' fm thr. Rwy 08-26 mks faded-barely visisble.

AIRPORT MANAGER: 304-695-0125

COMMUNICATIONS: CTAF 122.9

Ⓡ CLARKSBURG APP/DEP CON 121.15 (1200-0400Z‡)

Ⓡ WASHINGTON CENTER APP/DEP CON 128.6 (0400-1200Z‡)

CLEARANCE DELIVERY PHONE: For CD ctc Washington ARTCC at 703-771-3587.

RADIO AIDS TO NAVIGATION: NOTAM FILE CKB.

CLARKSBURG (L) (L) VOR/DME 112.6 CKB Chan 73 N39°15.19'

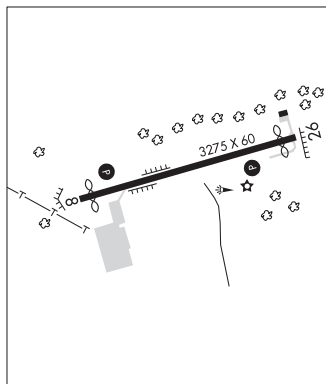
W80°16.07' 122° 10.9 NM to fld. 1427/4W.

VOR unusable:

041°-051° byd 6 NM

056°-081°

116°-137°



SIMPSON (9W3) 3 S UTC-5(-4DT) N39°05.61' W80°01.55'

CINCINNATI

1960 NOTAM FILE EKN

RWY 01-19: 1500X50 (TURF)

RWY 01: Road.

RWY 19: Trees.

AIRPORT REMARKS: Attended continuously. Deer on and in vicinity of arpt. Rwy 01 85' tree, 0' dstc, 106' R. Rwy 19 has 50' drop-off 75' dstc. Rwy 01 has 15' public rd across rwy end. Rwy 01 Rwy partially mkd w/white tires. Rwy 01-19 scf rolling.

AIRPORT MANAGER: 304-457-2323

COMMUNICATIONS: CTAF 122.9

CLEARANCE DELIVERY PHONE: For CD ctc Washington ARTCC at 703-771-3587.

PINEVILLE

KEE FLD (I16) 2 NW UTC-5(-4DT) N37°36.03' W81°33.56'

CINCINNATI
L-26H
IAP

1783 B NOTAM FILE EKN

RWY 08-26: H3701X60 (ASPH) S-13 MIRL 1.6% up E

RWY 08: REIL. Trees.

RWY 26: REIL. Thld dsplcd 590'. Trees.

SERVICE: FUEL 100LL LGT ACTIVATE MIRL Rwy 08-26 REIL Rwy 08 and Rwy 26—CTAF.

AIRPORT REMARKS: Attended Mon-Fri 1400-2100Z‡. Unattended major holidays, for arpt attendant after hrs call 304-732-7372 (manager residence). Wildlife on and invof arpt. Birds on and invof arpt. Landfill midpoint of rwy, south side. Rising terrain surrounds arpt.

AIRPORT MANAGER: 304-732-9160

WEATHER DATA SOURCES: AWOS-3 120.625 (304) 732-7311. Wnd unrel.

COMMUNICATIONS: CTAF/UNICOM 122.8

Ⓡ CHARLESTON APP/DEP CON 125.4

CLEARANCE DELIVERY PHONE: For CD ctc Indianapolis ARTCC at 317-247-2411.

RADIO AIDS TO NAVIGATION: NOTAM FILE BKW.

BECKLEY (H) (DH) VOR/DME 117.7 BKW Chan 124 N37°46.82'

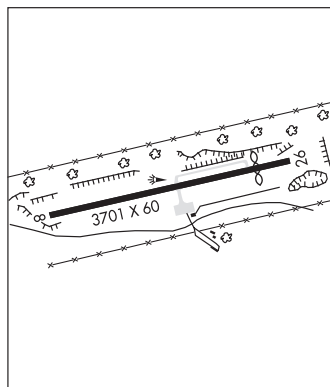
W81°07.41' 249° 23.4 NM to fld. 2517/6W.

DME unusable:

080°-215° byd 15 NM

VOR unusable:

070°-200°



POINT PLEASANT

MASON CO (312) 4 NE UTC-5(-4DT) N38°54.88' W82°05.91'

643 B NOTAM FILE EKN

RWY 07-25: H4000X75 (ASPH) S-24 MIRL 0.3% up SW**RWY 07:** REIL. PAPI(P2L)—GA 3.0° TCH 44'. Trees.**RWY 25:** REIL. PAPI(P2L)—GA 3.0° TCH 43'. Trees.**SERVICE:** FUEL 100LL LGT Actvt REIL Rwy 07 and 25; PAPI Rwy 07 and 25; MIRL Rwy 07-25—CTAF.

AIRPORT REMARKS: Attended 1500-1900Z† Mon-Fri. Deer on and in vicinity of arpt. Steam from cooling twrs NW occasionally obscures obstruction lgts on twr North. 100LL self svc. Rwy 07 has 3' ditch 80' L and R of cntrln first 1000'. 6-8' brush parallel to Rwy 25, 95' fm centerline. Portion of ramp and one rwy exit unsafe due to soft weak asph paving. Area marked by lgtd barricade unusable. Cold temperature airport. Altitude correction required at or below -17C. Several power plant stacks in vicinity of arpt west and north. Rwy 25, 35' drop off, 100' fm rwy end.

AIRPORT MANAGER: 304-674-5075**WEATHER DATA SOURCES:** AWOS-3 119.675 (304) 675-4618.**COMMUNICATIONS:** CTAF/UNICOM 122.8Ⓡ **HUNTINGTON APP/DEP CON** 128.4**CLEARANCE DELIVERY PHONE:** For CD etc huntington ATCT at 304-453-2490.**RADIO AIDS TO NAVIGATION:** NOTAM FILE EKN.**HENDERSON (H) DME** 115.9 HNN Chan 106 N38°45.25' W82°01.57' 341° 10.2 NM to fld. 880.

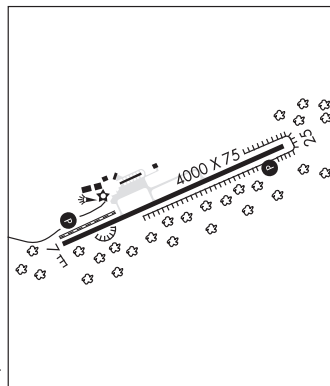
DME unusable:

185°-290° blo 4,500'

CINCINNATI

L-29B

IAP

**POTOMAC AIRPARK** (See BERKELEY SPRINGS on page 390)**RALEIGH CO MEML** (See BECKLEY on page 389)**RANDOLPH CO** N38°53.64' W79°51.56' NOTAM FILE EKN.**NDB (HW) 284 RQY** at Elkins/Randolph Co (Jennings Randolph Fld). 1938/7W.

NDB unusable:

018°-084° byd 10 NM

085°-017° byd 15 NM

CINCINNATI

L-29C

RAVENSWOOD

JACKSON CO (I18) 6 SW UTC-5(-4DT) N38°55.79' W81°49.17'

758 B NOTAM FILE EKN

RWY 04-22: H4000X75 (ASPH) S-12.5 MIRL 0.5% up NE**RWY 04:** REIL. PAPI(P2L)—GA 3.0° TCH 50'. Trees.**RWY 22:** REIL. PAPI(P2L)—GA 4.0° TCH 50'. Trees.**SERVICE:** S4 FUEL 100LL LGT ACTVT REIL Rwy 04 and 22, PAPI Rwy 04 and 22; MIRL Rwy 04-22 and windsock lgt—CTAF. VGSI and descent angles not coincident.

AIRPORT REMARKS: Attended 1300-2100Z†. Parachute Jumping. Deer and birds on and in/ov arpt. +482' stack 1/2 mile NW of arpt. 15' trees parallel to Rwy 04, 75' left of centerline. Rwy 04-22 has over 50' drop-off 200' fm thr on each end.

AIRPORT MANAGER: 304-273-8114**WEATHER DATA SOURCES:** AWOS-2 121.3 (304) 273-3424.**COMMUNICATIONS:** CTAF/UNICOM 122.8Ⓡ **HUNTINGTON APP/DEP CON** 128.4**CLEARANCE DELIVERY PHONE:** For CD etc huntington ATCT at 304-453-2490.**RADIO AIDS TO NAVIGATION:** NOTAM FILE EKN.**HENDERSON (H) DME** 115.9 HNN Chan 106 N38°45.25'

W82°01.57' 043° 14.3 NM to fld. 880.

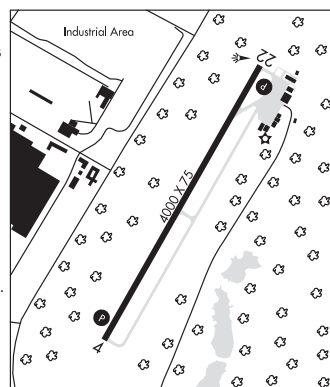
DME unusable:

185°-290° blo 4,500'

CINCINNATI

L-29B

IAP



RICHWOOD MUNI (314) 6 W UTC-5(-4DT) N38°15.50' W80°39.08'

CINCINNATI
L-261

2486 NOTAM FILE EKN

RWY 10-28: H3360X60 (ASPH) 2.1% up E

RWY 10: Trees.

RWY 28: Trees.

AIRPORT REMARKS: Unatndd. Arpt CLOSED nghts. Deer and birds on and infov arpt. Arpt gate locked. Call amgr for access. Rwy 10-28 no snow removal. Rwy frequently snow covered winter months. Rwy 10-28 soft shoulders. Rwy 10-28 pavement cracks with vegetation.

AIRPORT MANAGER: 304-618-3611

COMMUNICATIONS: CTAF 122.9

CLEARANCE DELIVERY PHONE: For CD ctc Washington ARTCC at 703-771-3587.

RADIO AIDS TO NAVIGATION: NOTAM FILE BKW.

BECKLEY (H) (DH) VORW/DME 117.7 BKW Chan 124 N37°46.82'

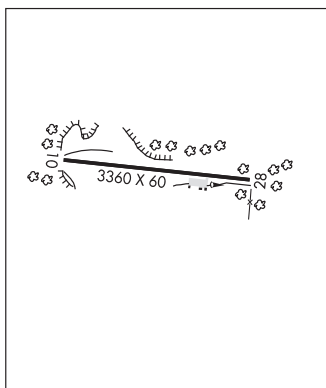
W81°07.41' 044° 36.4 NM to fld. 2517/6W.

DME unusable:

080°-215° byd 15 NM

VOR unusable:

070°-200°



ROBERT NEWLON FLD (See HUNTINGTON on page 395)

SHINNSTON

WADE F MALEY FLD (6WØ) 1 NE UTC-5(-4DT) N39°24.37' W80°16.61'

CINCINNATI

997 NOTAM FILE EKN

RWY 05-23: 2265X45 (TURF) 0.9% up NE

RWY 05: Trees.

RWY 23: Ground. Rgt tfc.

SERVICE: S2

AIRPORT REMARKS: Unattended. Deer on and infov arpt. Rwy 23: 15' drop-off 10' from thld OB. Rwy 05: 20' drop-off 15' from thld OB. High terrain all quadrants. Rwy 05-23, 20' power poles middle of rwy, 65' left and rgt of centerline. 400' ridge/trees 1,100' from thld Rwy 23 OB. 15' drop-off 45' from centerline full length both sides of rwy. Acft parked 55' W of rwy centerline, approximately 1,000' N of Rwy 05 end. Apch Rwy 23 from northwest, depart Rwy 05 to northwest due to ridge northeast of arpt. Power Plant-2 stacks, 1979 MSL, 1009 AGL, 3 mi SW.

AIRPORT MANAGER: 304-592-2426

COMMUNICATIONS: CTAF 122.9

CLEARANCE DELIVERY PHONE: For CD ctc Clarksburg Apch at 304-842-2011, when Apch clsd ctc Cleveland ARTCC at 440-774-0226.

SIMPSON (See PHILIPPI on page 402)

SLATE RUN (See SPENCER on page 405)

SOUTHERN WEST VIRGINIA RGNL (See WILLIAMSON on page 407)

SPENCER

BOGGS FLD (USW)(KUSW) 1 N UTC-5(-4DT) N38°49.43' W81°20.93'

CINCINNATI

928 B TPA—See Remarks NOTAM FILE EKN

L-29B

RWY 10-28: H4549X75 (ASPH) MIRL

IAP

RWY 10: Trees.

RWY 28: Ground.

SERVICE: S2 **FUEL** 100LL, JET A **LGT** ACTIVATE MIRL Rwy 10-28—CTAF. ACTIVATE rotating bcn—CTAF.

AIRPORT REMARKS: Attended Mon-Fri 1300-2100Z \ddagger . Wildlife and deer on and in/ov rwy. ++. Ocnl RC model acft ops on rwy midfield. 24 hr self svc credit card fuel. TPA single/multi eng 1928(1000), turbine/large acft, 2428(1500). NSTD safety area, 50' hill 170' from each side of rwy centerline.

AIRPORT MANAGER: 304-481-1214

WEATHER DATA SOURCES: AWOS-3 118.575 (304) 927-0123.

COMMUNICATIONS: CTAF/UNICOM 122.725

Ⓡ **CHARLESTON APP/DEP CON** 124.1

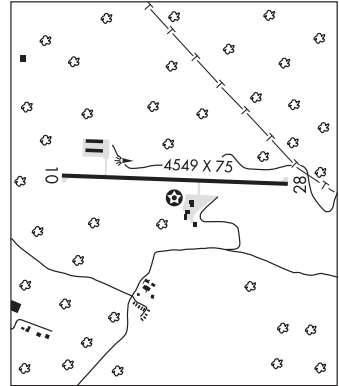
CLEARANCE DELIVERY PHONE: For CD ctc Charleston Apch at 304-344-5867 ext 281.

RADIO AIDS TO NAVIGATION: NOTAM FILE EKN.

HENDERSON (H) DME 115.9 HNN Chan 106 N38°45.25' W82°01.57' 082° 32.0 NM to fld. 880.

DME unusable:

185°-290° blo 4,500'



SLATE RUN (551) 3 SE UTC-5(-4DT) N38°46.65' W81°18.62'

CINCINNATI

1001 NOTAM FILE EKN

RWY 16-34: H1730X30 (ASPH) LIRL(NSTD)

RWY 16: Trees.

RWY 34: Trees.

SERVICE: **LGT** LIRL Rwy 16-34 on req. Rwy 16-34 nstd LIRL; Rwy 34 thr lgts not cntrd. edge lgts located 25' fm pvmt edge.

AIRPORT REMARKS: Unattended. Deer on and in/ov arpt. 100' drop off at each rwy end. Rwy 16-24 trees and brush 40' fm cntrln. Marked elec transmission line acrs apch to Rwy 16.

AIRPORT MANAGER: 304-545-8154

COMMUNICATIONS: CTAF/UNICOM 122.725

CLEARANCE DELIVERY PHONE: For CD ctc Charleston Apch at 304-344-5867 ext 281.

SUMMERSVILLE (SXL)(KSXL) 3 S UTC-5(-4DT) N38°13.90' W80°52.25'

CINCINNATI

1820 B NOTAM FILE EKN

L-26I

RWY 04-22: H3015X50 (ASPH) MIRL 0.4% up NE

IAP

RWY 04: REIL. Trees.

RWY 22: REIL. PAPI(P2L)—GA 3.25° TCH 32'. Trees.

SERVICE: **FUEL** 100LL **LGT** ACTVT MIRL Rwy 04-22—CTAF. PAPI Rwy 22 OTS indfly. Rwy 04 REIL OTS indfly. Rwy 22 REIL OTS indfly. Lighthouse 2 mi SE. May be mistaken for rtg bcn.

AIRPORT REMARKS: Attended Mon-Fri 1300-2200Z \ddagger . Rwy 04 50' drop-off 110' fm thr. Rwy 22 30' drop-off 110' fm thr.

AIRPORT MANAGER: 304-881-1600

COMMUNICATIONS: CTAF/UNICOM 122.8

Ⓡ **CHARLESTON APP/DEP CON** 119.2

CLEARANCE DELIVERY PHONE: For CD ctc Charleston Apch at 304-344-5867 ext 281.

RADIO AIDS TO NAVIGATION: NOTAM FILE BKW.

BECKLEY (H) (DH) VORW/DME 117.7 BKW Chan 124 N37°46.82' W81°07.41' 030° 29.6 NM to fld. 2517/6W.

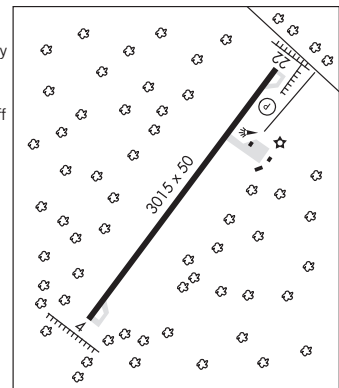
DME unusable:

080°-215° byd 15 NM

VOR unusable:

070°-200°

SDF 110.1 I-SXL Rwy 04. SDF OTS indef.



SUTTON

BRAXTON CO (481) 3 E UTC-5(-4DT) N38°41.23' W80°39.13'

CINCINNATI

1276 B NOTAM FILE EKN

L-29C

RWY 02-20: H3995X60 (ASPH-AFSC) S-12 MIRL 0.6% up N

IAP

RWY 02: REIL. Thld dspclcd 801'. Trees.

RWY 20: REIL. PAPI(P2L)—GA 4.0° TCH 40'. Trees.

RUNWAY DECLARED DISTANCE INFORMATION

RWY 02: TORA-3995 TODA-3995 ASDA-3995 LDA-3194

RWY 20: TORA-3995 TODA-3995 ASDA-3815 LDA-3815

SERVICE: FUEL 100LL, JET A LGT Dusk-Dawn. After 0400Z†, actvt

REIL Rwy 02 and 20; PAPI Rwy 20; and MIRL Rwy 02-20—CTAF.

Rwy 20 VGSI unusable byd 6° left and byd 6° right of centerline.

AIRPORT REMARKS: Unattended. 15' brush, 100' R/L of rwy centerline. Bcn

lctd 1/4 mile NW of arpt. 6' ditch crosses AER 02 0-116' from thr.

Gate access 1200-0000Z† 1-2-3-4. 0000Z†-1200Z† 0-7-6-5.

Rwy 20 rwy mkg faded.

AIRPORT MANAGER: (304) 542-3311

WEATHER DATA SOURCES: AWOS-3P 118.225 (304) 765-7805.

COMMUNICATIONS: CTAF 122.9

Ⓡ CLARKSBURG APP/DEP CON 121.15 (1200-0400Z†)

Ⓡ INDIANAPOLIS CENTER APP/DEP CON 125.55 (0400-1200Z†)

CLEARANCE DELIVERY PHONE: For CD ctc Indianapolis ARTCC at

317-247-2411.

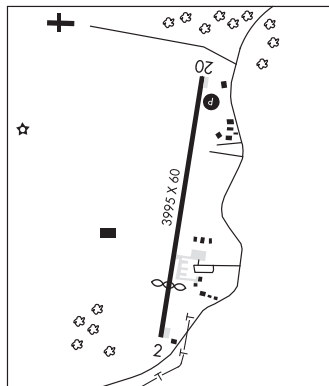
RADIO AIDS TO NAVIGATION: NOTAM FILE EKN.

ELKINS (L) VORTACW 114.2 EKN Chan 89 N38°54.87' W80°05.96' 249° 29.3 NM to fld. 2160/7W.

TACAN AZIMUTH & DME unusable:

081°-189° byd 32 NM blo 9,000'

273°-039° byd 12 NM blo 6,000'



TITUS FLD (See ARTHURDALE on page 389)

TRI-STATE/MILTON J FERGUSON FLD (See HUNTINGTON on page 395)

UPSHUR CO RGNL (See BUCKHANNON on page 391)

VERSI N39°15.24' W81°29.10' NOTAM FILE PKB.

CINCINNATI

NDB (LOWW) 388 PK 028° 5.9 NM to Mid-Ohio Valley Rgnl. 812/7W.

NDB unusable:

000°-094° byd 10 NM blo 3,000'

095°-149°

150°-210° byd 10 NM

WADE F MALEY FLD (See SHINNSTON on page 404)

WELCH MUNI (I25) 3 SE UTC-5(-4DT) N37°25.11' W81°31.86'

CINCINNATI

2118 NOTAM FILE EKN

RWY 09-27: H2695X50 (ASPH)

RWY 09: Trees.

RWY 27: Trees.

AIRPORT REMARKS: Unattended. Arpt closed indef, except for rotary wing acft. Not suitable for fixed wing acft. Arpt gates locked,

no public access. No line of sight between rwy ends. Rwy 09-27 pavement cond failed. Sfc rough and cracking. Vegetation

and trees growing through cracks. Loose stones, rocks and debris on rwy. Tree limbs overhang rwy edges. First 300' Rwy

27-3 degree bend. Rwy 09 no rwy mkg. Rwy 27 no rwy mkg.

AIRPORT MANAGER: 304-324-2437

COMMUNICATIONS: CTAF 122.9

CLEARANCE DELIVERY PHONE: For CD ctc Indianapolis ARTCC at 317-247-2411.

WEST VIRGINIA INTL YEAGER (See CHARLESTON on page 392)

WHEELING OHIO CO (HLG)(KHLG) 8 NE UTC-5(-4DT) N40°10.50' W80°38.78'

CINCINNATI

1194 B NOTAM FILE HLG

H-10G, 12I, L-29B

RWY 03-21: H5002X150 (ASPH-GRVD) S-120, D-170, 2S-175,

2D-290 HIRL 0.5% up NE

RWY 03: MALSF. RVR-TR Trees.

RWY 21: REIL. VASI(V2L)—GA 3.0° TCH 42'. RVR-TR Trees.

RWY 16-34: H4499X150 (ASPH) S-110, D-143, 2S-175, 2D-230

MIRL 0.4% up SE

RWY 16: Trees.

RWY 34: REIL. PAPI(P4L)—GA 3.0° TCH 42'. Trees.

SERVICE: FUEL 100LL, JET A LGT When ATCT clsd ACTVT MALSF Rwy

03; REIL Rwy 21 and 34; PAPI Rwy 34; HIRL Rwy 03-21; MIRL Rwy

16-34; twy lgts excp Twy A—CTAF. Rwy 34 REIL OTS indefly. Rwy 34

PAPI OTS indefly. Rwy 21 VASI unusbl byd 8° left of cntrln.

AIRPORT REMARKS: Attended Mon-Fri 1200-0300Z†, Sat-Sun

1300-0100Z†. Birds and deer on and infov arpt. Paved svc rd extends
fm end to FAA equip; access controlled.

AIRPORT MANAGER: 304-234-3865

WEATHER DATA SOURCES: ASOS 127.375 (304) 277-3504.

COMMUNICATIONS: CTAF 118.1 UNICOM 122.95

Ⓡ **PITTSBURGH APP/DEP CON** 125.275 (when twr clsd)

TOWER 118.1 (1200-0300Z† Mon-Fri; 1500-0100Z† Sat-Sun)

GND CON 121.75

AIRSPACE: CLASS D svc 1200-0300Z† Mon-Fri, 1500-0100Z† Sat-Sun; other times CLASS G.

RADIO AIDS TO NAVIGATION: NOTAM FILE HLG.

(L) **VOR/DME** 114.25 HLG Chan 89(Y) N40°15.59' W80°34.12' 222° 6.2 NM to fld. 1269/7W.

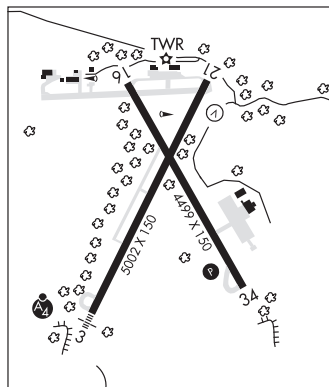
VOR unusable:

005°-045°

105°-190° byd 7 NM

315°-320° blo 3,000'

ILS 109.7 I-HLG Rwy 03. Class IA. ILS unusable when ATCT clsd. Glideslope unusable for cpd apchs blw 1,401'.



WILLIAMSON

SOUTHERN WEST VIRGINIA RGNL (EBD)(KEBD) 8 E UTC-5(-4DT) N37°40.91' W82°07.32'

CINCINNATI

1883 B NOTAM FILE EKN

H-10G, 12H, L-26H

RWY 08-26: H5001X75 (ASPH) MIRL 1.1% up E

RWY 08: REIL. PAPI(P2L)—GA 3.0° TCH 40'. Trees.

RWY 26: REIL. PAPI(P2L)—GA 3.0° TCH 40'. Tree.

SERVICE: FUEL 100LL, JET A1 LGT ACTVT REIL Rwy 08-26, PAPI Rwy
08-26; MIRL Rwy 08-26—CTAF.

AIRPORT REMARKS: Unattended. Birds, deer, and bear on and infov arpt. Fuel

24 hr self-serv only. No snow removal. Brush and trees in prim sfc, 42'

fm rwy edge. Rwy 08 and Rwy 26 supplement windssock not vertical,

trees in vcnty, readings not relbl. No trml bldg or fac avbl. Entrance gate

clsd and locked. For aces call amgr cell 606-794-3564.

AIRPORT MANAGER: 304-235-0338

COMMUNICATIONS: CTAF/UNICOM 122.8

INDIANAPOLIS CENTER APP/DEP CON 126.575

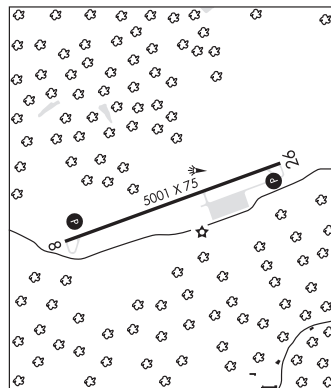
CLEARANCE DELIVERY PHONE: For CD etc Indianapolis ARTCC at

317-247-2411.

RADIO AIDS TO NAVIGATION: NOTAM FILE LOU.

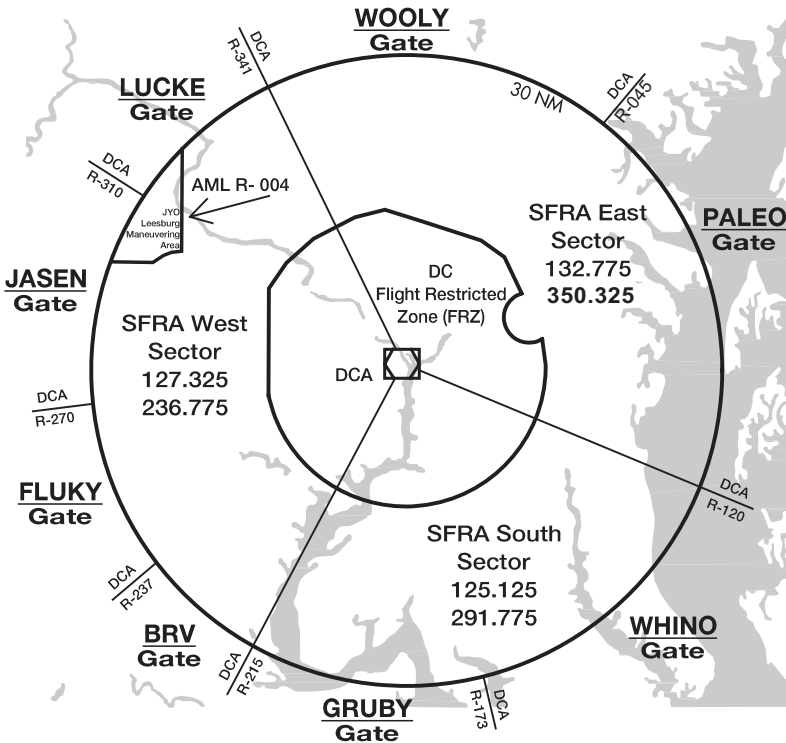
NEWCOMBE (L) DME 110.4 ECB Chan 41 N38°09.50'

W82°54.60' 127° 47.1 NM to fld. 1070.





Washington DC SFRA Special Terms and Procedures



Entry/Exit Filing Gates for DC SFRA Flight Plans

Gate (Freq)	Defining Radials (DCA)		Visual Checkpoints	
	Defining Radial 1	Defining Radial 2	Checkpoint 1	Checkpoint 2
WOOLY (132.775)	R-341	R-044	I-270	I-95
PALEO (132.775)	R-045	R-119	I-95	Abeam Chesapeake Beach
WHINO (125.125)	R-120	R-172	Abeam Chesapeake Beach	Northern boundary Wicomico River
GRUBY (125.125)	R-173	R-214	Northern boundary Wicomico River	Western boundary Potomac River / Widewater Beach
BRV (127.325)	R-215	R-236	Western boundary Potomac River / Widewater Beach	West side of Lunga Reservoir
FLUKY (127.325)	R-237	R-269	West side of Lunga Reservoir	VA Route 29
JASEN (127.325)	R-270	R-309	VA Route 29	VA Route 7
LUCKE (127.325)	R-310	R-339	VA Route 7	I-270

General Information:

The DC SFRA is defined by a circle with a 30 NM radius off of the DCA VOR/DME. This airspace also includes the DC Flight Restricted Zone (DC FRZ) and the Leesburg Maneuvering Area (LMA). For additional airspace information check the NOTAMs for the latest information.

Gates are defined by existing intersections in the National Airspace System. It is not a requirement to fly to an intersection prior to entering, departing, or transitioning the DC SFRA. Prior to turning on course pilots should ensure they are well clear of the DC SFRA to avoid a pilot deviation.

ATC Terms Specific to the DC SFRA:

DC SFRA Flight Plan: A flight plan filed for the sole purpose of complying with the requirements for VFR operations into, out of, and through the DC SFRA. This flight plan is separate and distinct from a standard VFR flight plan, and does not include search and rescue services.

Fringe Airports: The following airports located near the outer boundary of the DC SFRA are identified as Fringe Airports: Barnes (MD47), Flying M Farms (MD77), Mountain Road (MD43), Robinson (MD14), and Skyview (51VA).

Security Services: Identification, communications and security tracking provided by an ATC facility in support of DOD, or other security elements. *NOTE: Security services do not include basic radar services or any other ATC services.*

Remain on the assigned code until you land: Used when Potomac hands an inbound VFR flight off to the tower or authorizes change to advisory frequency for non towered airports. It reminds pilots to remain on the assigned discrete transponder code until after landing. ***NEVER squawk 1200 inside the DC SFRA.***

Transponder observed: Used to inform a pilot that the aircraft's assigned beacon code and position has been observed. This transmission does *not* imply ATC services. It conveys only that the transponder reply has been observed and its position correlated for movement through security airspace.

Procedures for Traffic Pattern Work:

Towered Airport: Request pattern work from tower; squawk 1234, remain in two-way communication with tower.

Non-Towered Airport: File DC SFRA flight plan; obtain and squawk discrete transponder code from Potomac, communicate pattern position via published CTAF, and if able monitor VHF guard on 121.5 or UHF guard on 243.0

Emergency Procedures:

Transponder failure: An aircraft unable to transmit the ATC-assigned transponder code must contact ATC and comply with all instructions. If unable to contact ATC, the

aircraft must exit the DC SFRA by the most direct lateral route unless: the departure point is within the SFRA and the departure point is closer than the SFRA boundary, the pilot may return to the departure point by the most direct route.

Communications failure: An aircraft unable to communicate with ATC should squawk 7600 and exit the DC SFRA/FRZ by the most direct lateral route unless; 1: The departure point is within the SFRA and the departure point is closer than the SFRA boundary, the pilot may return to the departure point by the most direct route. 2: If the departure point is within the FRZ and the aircraft is within 5nm of the departure point, the pilot may return to the departure point by the most direct route. Otherwise, the pilot must exit the FRZ via the most direct route.

Intercepts: Review interception procedures in the AIM. If you are intercepted, follow all instructions given by the intercepting aircraft. Monitor 121.5, provide call sign /position, and squawk 7700 unless otherwise directed.

Washington DC SFRA Standard Requirements

Requirements to operate to/from, or within the DC SFRA

1. Complete the training requirements at <http://www.faaafety.gov> for VFR aircraft operations.

- Training is noted by a completion certificate generated at the end of the training course. It is recommended that pilots carry a copy of this certificate with them.
- This training is mandatory for pilots within a 60NM radius of the DCA VOR/DME and recommended for pilots within a 100NM radius of the DCA VOR/DME.

2. Two-way radio

3. Operating transponder with altitude reporting (Mode C)

4. Flight plan appropriate for the intended operations:

IFR: IFR flight plan

VFR: DC SFRA flight plan for all operations, *except:*

- Fringe airport egress (*no flight plan required*)
- Leesburg Entry and Egress (*no flight plan required*)
- Towered airport pattern work (*make request to tower*)

5. Discrete transponder code for all operations, *except:*

- Leesburg (1226)
- Fringe airport egress (1205)
- Towered airport pattern work (1234)

6. VFR speed restriction (≤ 180 KIAS in DC SFRA, & ≤ 230 KIAS from 30 NM - 60 NM from the DCA VOR/DME unless otherwise authorized.)
7. Communication with ATC for all operations, *except*:
 - Leesburg (JYO) egress/ingress: make CTAF calls
 - Fringe airport egress: monitor guard if able
 - Towered airport pattern work: talk to tower
 - Non-towered airport pattern work:
 - Make CTAF calls and monitor Guard if able.
8. To enter or exit the DC SFRA under IFR, pilots must:
 - File and activate their IFR flight plan before entering the DC SFRA.
 - Pilots may **not** depart VFR and pick up an IFR clearance and transponder code in the air.

Activate: A DC SFRA flight plan to enter/exit the DC SFRA under VFR activates when the pilot obtains a discrete transponder code *except*:

- Leesburg (JYO) ingress/egress: with CTAF calls
- Fringe airport egress: when pilot squawks 1205
- Towered airport pattern: with squawk & talk
- Non-towered airport pattern: with CTAF calls

Closing: The DC SFRA flight plan closes when the aircraft exits or lands at an airport inside the DC SFRA.

Potomac TRACON Telephone Numbers

Area Name	Nearest major airport)	Telephone
Shenandoah	Dulles (IAD)	1-866-709-4993 1-540-349-4097
Mount Vernon	Reagan National (DCA) Andrews AFB (ADW)	1-866-599-3874 1-540-349-0493
Chesapeake	Baltimore (BWI)	1-866-429-5882 1-540-349-8478
James River	Richmond (RIC) Charlottesville (CHO)	1-866-640-4124 1-540-349-9697

Washington DC SFRA VFR Outbound Procedures

Step 1: Preflight – File a DC SFRA Flight Plan

- ALWAYS review NOTAMs for current TFR information.
- File a DC SFRA flight plan.
Suggested language: “I would like to file a DC SFRA flight plan for VFR flight from (departure airport) to (appropriate exit gate)”.
- If desired, file separate a VFR flight plan (search and rescue), to be activated after departing the DC SFRA.

Step 2: Pre-Takeoff – Activate DC SFRA Flight Plan

- Call ATC (tower, RCO, phone) for frequency & transponder code.
Suggested language: “Potomac Clearance, (call sign) at Tipton, VFR Departure.”
- Set assigned departure frequency and transponder code. **NEVER squawk 1200 inside the DC SFRA.**
- Verify that Mode C (ALT) is ON.

Aircraft operating at Leesburg (JYO):

Egress with transponder code of 1226 and CTAF calls.
See separate NOTAM for Leesburg.

Fringe airport egress:

Monitor VHF frequency 121.5 or UHF frequency 243.0

Step 3: After Takeoff – Communicate with ATC

- Establish radio contact with Potomac TRACON
Suggested language: “Potomac Departure, (call sign), off Tipton”
- Monitor the assigned frequency
- Remain out of Class B airspace unless explicitly cleared to enter.

Step 4: Exiting – Close DC SFRA Flight Plan

- Remain on the assigned frequency / transponder code until ATC authorizes change. NOTE: Verify that you are clear of the DC SFRA prior to changing frequency or transponder code. **NEVER squawk 1200 inside the DC SFRA.** A DC SFRA flight plan closes automatically upon exiting the DC SFRA.

Washington DC SFRA VFR Inbound Procedures

Step 1: Preflight – File a DC SFRA Flight Plan

- ALWAYS review NOTAMs for current TFR information
- File a DC SFRA flight plan.
Suggested language: “I would like to file a DC SFRA flight plan for VFR flight from (appropriate entry gate) to (destination airport).”

Step 2: Before Entry – Activate DC SFRA Flight Plan

- Before entry, contact Potomac Approach on the appropriate sector frequency to request a discrete transponder code. The appropriate frequencies are located on the Washington Terminal Area Chart and in the Chart Supplement Northeast.
Suggested language: “Potomac Approach, (call sign) at (arrival gate), VFR, requesting SFRA transponder code to (destination airport).”

Aircraft operating at Leesburg (JYO):

Enter with transponder code of 1226 and CTAF calls.
See separate NOTAM for Leesburg.

- Set assigned transponder code. **NEVER squawk 1200 inside the DC SFRA.**
- Verify that Mode C (ALT) is ON.
- Continue inbound unless otherwise instructed.
- Remain out of Class B airspace unless explicitly cleared to enter.

Step 3: After Entry – Maintain Communication with ATC

- Monitor Potomac Approach
- Remain out of Class B airspace unless explicitly cleared to enter.

Step 4: Arriving – Close DC SFRA Flight Plan

- Change to tower / advisory frequency when so instructed.
- Remain on assigned transponder code until you land. **NEVER squawk 1200 in the DC SFRA.**
- DC SFRA flight plan closes upon landing.

Washington DC SFRA VFR Transitioning Procedures

Step 1: Preflight - File a DC SFRA Flight Plan.

- Always review NOTAMS for current TFR information. TFRs can pop-up at any time in this area.
- File a DC SFRA flight plan listing the entry and departure gate information.
- Put the approximate time you expect to arrive at the entry gate.

Suggested language: “I would like to file a DC SFRA flight plan for a VFR flight from (Entry gate) to (Departure gate).”

Step 2: Before Entry: Activate DC SFRA Flight Plan

- Before entry, contact Potomac Approach on the appropriate sector frequency to request a discrete transponder code. The appropriate frequencies are located on the Washington Terminal Area Chart and in the Chart Supplement Northeast.
Suggested language: “Potomac Approach, (Call Sign), (state location), 10 west of the LUCKE gate requesting a discrete transponder code for transiting the DC SFRA.”
- Set the assigned transponder code and verify MODE C/ALT is ON. **NEVER squawk 1200 inside the DC SFRA.**
- Potomac Approach will notify you when the transponder has been observed and when you are able to proceed on course into the DC SFRA.
- Remain clear of the Class B airspace unless explicitly cleared to enter.

Step 3: After Entry: Communicate with ATC

- Maintain communication with Potomac Approach on the assigned frequency.
- Remain clear of the Class B airspace unless explicitly cleared to enter.
- Remain clear of the DC Flight Restricted Zone (FRZ) unless you comply with the requirements for DC FRZ entry.
- Monitor 121.5/243.0 if equipped and able.

Step 4: Exiting the DC SFRA

- Remain on your assigned frequency and transponder code until ATC authorizes you to change.
- DC SFRA flight plans close automatically upon exiting the airspace.
- **NEVER squawk 1200 inside of the DC SFRA.** Ensure you are well clear of the boundaries prior to squawking VFR.

Washington DC Flight Restricted Zone (FRZ) Standard Requirements

Unless specifically authorized by a waiver, flight operations under 14 CFR parts 91, 101, 103, 105, 125, 133, & 137 are prohibited in the DC FRZ.

VFR pilots should think of the DC FRZ as a “no-fly” area.

1. Before departing from an airport within the DC FRZ, or before entering the DC FRZ, all pilots must:
 - File a DC FRZ flight plan with the Washington ARTCC Flight Data Unit at 703-771-3476. The initiator/pilot must identify themselves and use the confidential; pilot identification code or their waiver number. Pilots may *not* file a DC FRZ flight plan while airborne.
 - Obtain and continuously transmit the discrete transponder code assigned by an ATC facility.
2. A DC FRZ flight plan will meet the requirements for a DC SFRA flight plan, but the reverse is not true. A DC SFRA flight plan will not fulfill the requirements for VFR operations in the DC FRZ.
3. When operating an aircraft in the DC FRZ, pilots must continuously monitor VHF frequency 121.5 or UHF frequency 243.0.
4. Operations into or out of College Park Airport (CGS), Potomac Airfield (VKX), or Washington Executive / Hyde Airfield (W32) must meet the requirements of §93.343 and any applicable NOTAMS.

EASTON, MARYLAND NOISE ABATEMENT PROCEDURE

When Easton Airport Traffic Control Tower is closed:

Departure RWY 22: Right turn and avoid overflight of Town of Easton. Departure RWY 04: Left turn at end of RWY to parallel HWY 50 until past mobile home park.

No intersection take offs. VFR Arrivals: Report the Miles River bridge, 2.7 miles southwest of the airport at 2000' MSL for sequence to all RWYS. Contact 410-770-8055.

WEST ATLANTIC ROUTE SYSTEM (WATRS)

SOUTHBOUND

SOUTHBOUND WATRS PLUS ROUTE STRUCTURE ACCESS FROM NEW YORK METROPOLITAN AREA

All operators entering New York Center's West Atlantic Route System (WATRS) southbound on ATS routes: L453, L454, L455, L456, L459, AND L461 shall flight plan and file the following routes:

ATS ROUTE	WATRS ACCESS ROUTING (From JFK)	WATRS ACCESS ROUTING (From EWR and satellites)
L453	SHIPP Y488 SAUCR	ELVAE COL DIXIE Y481 OHRYN Y488 SAUCR
L454	SHIPP Y490 ROLLE ATUGI	ELVAE COL DIXIE Y481 OHRYN Y490 ROLLE ATUGI
L455	SHIPP Y489 RESQU SKPPR	ELVAE COL DIXIE Y481 OHRYN Y489 RESQU SKPPR
L456	SHIPP Y492 SQUAD DARUX	ELVAE COL DIXIE Y482 SQUAD DARUX
L459	SHIPP Y492 SQUAD DARUX	ELVAE COL DIXIE Y482 SQUAD DARUX
L461	SHIPP Y487 KINGG KINER	ELVAE COL DIXIE Y481 KINGG KINER

EASTBOUND

TRANSITION TO NEW YORK OCEANIC CTA/FIR

VIA: ORF AR9 ZIBUT

All operators transitioning the New York Center West Atlantic Route System (WATRS) via ZIBUT intersection, en route to the New York Center North Atlantic MNPS airspace, are encouraged to flight plan via:

ZIBUT direct **LARGE** direct SLATN or JOBOC or DOVEY

Operators opting to flight plan via any other fix or latitude/longitude coordinates east of ZIBUT intersection shall expect no higher than FL290 and may be rerouted to accommodate WATRS non-radar traffic.

NOTE—This route may be filed bi-directionally

NORTHBOUND

NORTHBOUND WATRS PLUS ROUTE STRUCTURE ACCESS TO NEW YORK METROPOLITAN AREA

All northbound operators exiting New York Center's West Atlantic Route System (WATRS) on routes L453, L454, L455, L456, L457, L459, AND L461 shall flight plan and file the following transition routes to join domestic routing:

ATS ROUTE	WATRS EXIT ROUTING To JFK	WATRS EXIT ROUTING To EWR and satellites
L453	SAUCR VIRST Y494 YAALE Y495 CAMRN	SAUCR VIRST Y494 YAALE Y497 SUBBS CYN GXU RBV V249 METRO
L454 and L457	OKONU YAALE Y495 CAMRN	OKONU MOUGH Y497 SUBBS CYN GXU RBV V249 METRO
L455 and L459	SAVIK YAALE Y495 CAMRN	SAVIK MOUGH Y497 SUBBS CYN GXU RBV V249 METRO
L456 and L461	MARIG YAALE Y495 CAMRN	MARIG MOUGH Y497 SUBBS CYN GXU RBV V249 METRO

For further information contact New York ARTCC Traffic Management Officer at 631-468-1034 or michael.porcello@faa.gov

NORTH SHORE HELICOPTER ROUTE

Long Island, New York

Effective August 6, 2012 UFN, civil helicopter pilots operating VFR along Long Island, New York's northern shoreline between the VPYLD waypoint and Orient Point, must utilize the North Shore Helicopter route and altitude, as published. Deviations are permitted for safety, weather conditions, or transitioning to or from a destination or point of landing. For a detailed explanation of the requirement, see 14 CFR part 93, subpart H.

AEROBATIC PRACTICE AREA
Roxbury, Connecticut

Aerobatic practice area will be conducted between the altitudes of 2500 ft and 4500 ft MSL and performed within an approximate 2 mile radius of a point defined from the CARMEL VOR/DME (CMK) as the 052 degree radial/21.9 GPS-DME fix. It is 8 NM NW of the Oxford, CT airport (OXC).

LASER LIGHT ACTIVITY
Baltimore, Maryland

Laser lgt activity wi an area defined as 39°01'14"N 076°49'40"W (BAL 230012) SFC-FL600 AGL. The system is intermittent, with possible ops occurring 24hrs a day, 7 days a week. The laser beam may be injurious to pilots/aircrews and passengers eyes. The laser is deactivated in the event an acft approaches. Other visual effects, e.g., flash blindness, after image, glare, and distraction may occur. Potomac (PCT) TRACON telephone 540-349-7541 is the FAA coordination facility.

Office of Primary Responsibility (ORP): FAA/ESA/OSG
Contact Information: 404-305-5592
Original: May 2023

SEARCH LIGHT DEMONSTRATION
Baltimore, Maryland
Downtown, at the Inner Harbor
Each evening, seven days per week

A vertical search light beam demonstration will be conducted at the Pier V Hotel, at Baltimore Inner Harbor, Baltimore, Maryland, BAL 028/7. Lat N39°17'24", Long W76°36'27". Search light beams are being radiated from the SFC upward. Flashblindness or cockpit illumination may occur at several miles distance.

LASER LIGHT ACTIVITY
Canobie Lake Water Park, Salem, New Hampshire

Laser light shows are being conducted at the Canobie Lake Water Park in Salem, NH. Show orientation and laserbeam projections will be directed in all 360° directions. Laser light beams may be injurious to pilot's/passenger's eyes within 3,000 feet laterally of the light source and surface to 1,650 feet AMSL. The secondary effects of flash blindness or cockpit illumination may occur beyond these distances. The laser will be stationed at N42°47'32"/W071°14'44" (LWM 310/7.4 DME). Manchester ATCT 1-603-666-7591 will be the coordination facility.

LASER LIGHT DEMONSTRATION
Atlantic City, New Jersey

Laser light demonstrations are being conducted at the Atlantic Park, downtown Atlantic City, New Jersey, 0001-0700 UTC, ACY VORTAC 145/8.5. Approximately: 39°21'31"N/74°26'15"W. Laser light beam may be injurious to pilots/passengers eyes within 100 feet above ground, 100 feet AMSL, 900 feet laterally of the light source. The secondary effects of flash blindness or cockpit illumination may occur beyond these distances. The Atlantic City ATCT, 609-641-3940, is the coordination facility.

LASER LIGHT DEMONSTRATION
Darien Lake Theme Park, Darien Center, New York

Laser light demonstrations are being conducted at the Darien Lake Theme Park, Darien Center, NY. The show orientation and laser beam projection are directed to the southern half of a circle form this site. Buffalo VOR/DME 100R/12NM. (42°56'04"N/78°23'30"W). Laser light beams may be injurious to pilot's/passenger's eyes within 2,800 feet of the light source, 1,600 feet above ground level. The secondary effect of flash blindness or cockpit illumination may occur beyond these distances. The Buffalo ATCT, 716-633-0664 is the FAA coordination facility.

LASER LIGHT ACTIVITY
LaGuardia, New York

Laser lgt activity wi an area defined as 40°49'17"N 073°56'53"W (LGA316004) SFC-FL360. The system is intermittent, with possible ops occurring 24hrs a day, 7 days a week. The laser beam may be injurious to pilots/aircrews and passengers eyes for a distance fm SFC-FL360 MSL. However, this system uses a laser hazard reduction radar system to ensure the laser is deactivated in the event an acft approaches, other visual effects, e.g. flash blindness, after image, glare, and distraction may occur at greater distances. LaGuardia (LGA) ATCT, tel 347-846-1716 is the FAA cdn facility.

Office of Primary Responsibility (OPR): FAA/ESA/OSG
Contact Information: 404-305-5592
Amended: June 2023

**LASER LIGHT DEMONSTRATIONS
DORNEY THEME PARK, DORNEYVILLE, PENNSYLVANIA**

Laser light demonstrations are being conducted at the Dorney Theme Park, northwest of Dorneyville, PA. Show orientation and laserbeam projections directed to the southern quadrant from FJC 210D/10DME (N40°34'47"/W75°32'06"). Laser light beams may be injurious to pilot's/passenger's eyes within 2000 ft laterally of the light source, 500 ft AGL, 1100 ft AMSL. The secondary effects of flash blindness or cockpit illumination may occur beyond these distances. Allentown ATCT, 1-610-264-4539 is the FAA coordination facility.

MODEL AIRCRAFT ACTIVITY, HARFORD COUNTY MARYLAND

Radio controlled model aircraft operating to 800 feet AGL vicinity of N39°37'30" W76°18'35" in Harford County, Maryland.

CHARLESTON, WEST VIRGINIA

Mine blasting approximately 25 NM south and southeast of Charleston, West Virginia as follows:

Mine Blasting HVQ VORTAC 110° 25 DME to 400' AGL
Mine Blasting HVQ VORTAC 189° 26 DME to 300' AGL

CAUTION—FISH SPOTTING ACTIVITY—CHESAPEAKE BAY AND COASTAL WATERS

Caution is advised for extensive fish spotter aircraft activity between May 1 and December 1 upwards from 1500 feet above the surface over the Chesapeake Bay and adjacent coastal waters. Pilots should be alert for this activity. For further information contact FAA/Norfolk ATCT on 1-757-460-5142.

BOSTON, MASSACHUSETTS

To avoid the concentration of aircraft arriving and departing Boston, pilots requesting IFR flight at and below altitudes 14,000 feet MSL should file for airways beyond 40 NM from Boston VORTAC between the hours of 0800-2100 local. Traffic to/from Maine and Cape may file V167.

BOURNE, MASSACHUSETTS

Aircraft operation below 2000 ft and within 3 miles of Pave Paws radar site located in Restricted Area 4101 may experience momentary erratic operation of cockpit instruments or navigational equipment. Pilots are encouraged to submit reports of such occurrences to nearest FAA Air Traffic Facility.

**SPECIAL NORTH ATLANTIC, CARIBBEAN AND
PACIFIC AREA COMMUNICATIONS**

VHF air-to-air frequencies enable aircraft engaged in flights over remote and oceanic areas out of range of VHF ground stations to exchange necessary operational information and to facilitate the resolution of operational problems.

Frequencies have been designated as follows:

North Atlantic area:	123.45 MHz
Caribbean area:	123.45 MHz
Pacific area:	123.45 MHz

MILITARY TRAINING ROUTES

The DOD Flight Information Publication AP/1B provides textual and graphic descriptions and operating instructions for all military training routes (IR, VR, SR) and refueling tracks/anchors. Complete and more comprehensive information relative to policy and procedures for IRs and VRs is published in FAA Handbook 7610.4 (Special Military Operations) which is agreed to by the DOD and therefore directive for all military flight operations. The AP/1B is the official source of route data for military users.

CIVIL USE OF MILITARY FIELDS:

U.S. Army, Air Force, Navy and Coast Guard Fields are open to civil fliers only in emergency or with prior permission.

Army Installations, prior permission is required from the Commanding Officer of the installation.

For Air Force installations, prior permission should be requested at least 30 days prior to first intended landing from either Headquarters USAF (PRPOC) or the Commander of the installation concerned (who has authority to approve landing rights for certain categories of civil aircraft). For use of more than one Air Force installation, requests should be forwarded direct to Hq USAF (PRPOC), Washington, D.C. 20330.

Use of USAF installations must be specifically justified.

For Navy and Marine Corps installations prior permission should be requested at least 30 days prior to first intended landing. An Aviation Facility License must be approved and executed by the Navy prior to any landing by civil aircraft.

Forms and further information may be obtained from the nearest U.S. Navy or Marine Corps aviation activity.

For Coast Guard fields prior permission should be requested from the Commandant, U.S. Coast Guard via the Commanding Officer of the field.

When instrument approaches are conducted by civil aircraft at military airports, they shall be conducted in accordance with the procedures and minimums approved by the military agency having jurisdiction over the airport.

AIRCRAFT LANDING RESTRICTIONS

Landing of aircraft at locations other than public use airports may be a violation of Federal or local law. All land and water areas are owned or controlled by private individuals or organizations, states, cities, local governments, or U.S. Government agencies. Except in emergency, prior permission should be obtained before landing at any location that is not a designated public use airport or seaplane base.

Landing of aircraft is prohibited on lands or waters administered by the National Park Service, U.S. Fish and Wildlife Service, U.S. Forest Service, and on many areas controlled by the U.S. Army Corps of Engineers, unless prior authorization is obtained from the respective agency.

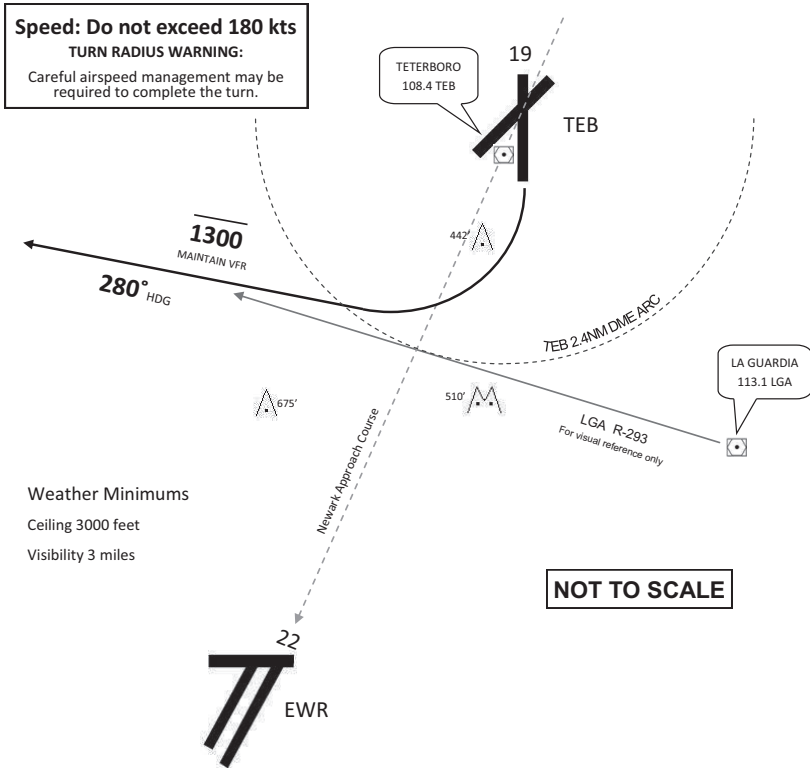
TERMINAL AREA GRAPHIC NOTICE

(Not to be used for navigation)

Teterboro (TEB) Airport Runway 19 Visual Departure Procedure with transition to an IFR clearance when Newark is landing Runway 22 and Teterboro is departing runway 19.

“DALTON 2 DEPARTURE PROCEDURE”

PILOTS SHOULD SPECIFICALLY REQUEST THIS PROCEDURE USING THE ABOVE NAME.



Procedure Instructions

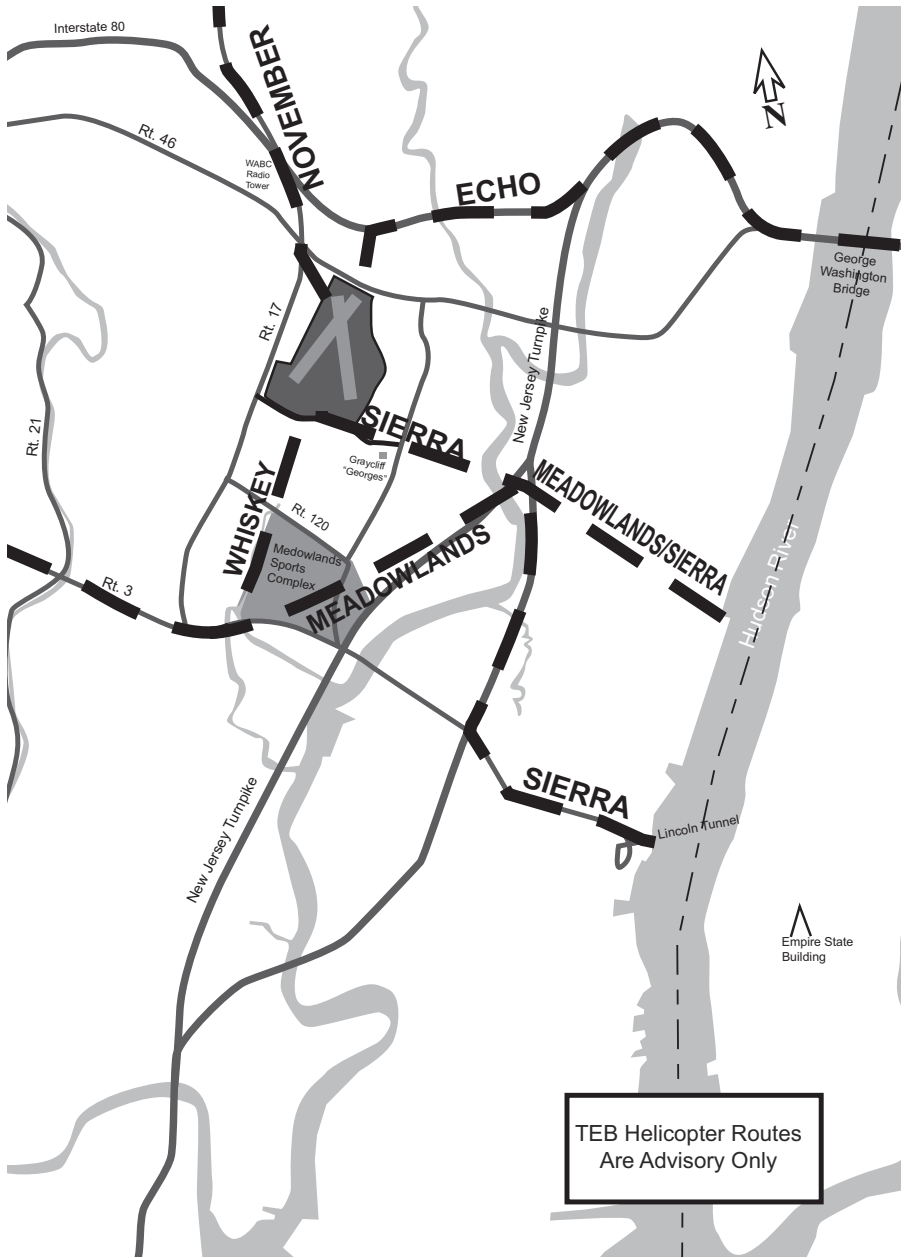
After departure turn right heading **280°**. Maintain at or below **1300'**. Do not exceed **180 kts**. Complete the turn within TEB **2.4 NM** DME. Maintain VFR, if unable advise. Careful airspeed management may be required to complete the turn, depending on takeoff weight and/or aircraft performance.

Expect a climb clearance west of the EWR ILS RWY 22 final approach course. The climb clearance constitutes IFR activation and pilots are expected to resume normal airspeed. Expect control instruction to a departure fix as described in the published TEB standard instrument departure.

In the event of lost communication prior to IFR activation, squawk 7600 and maintain VFR.

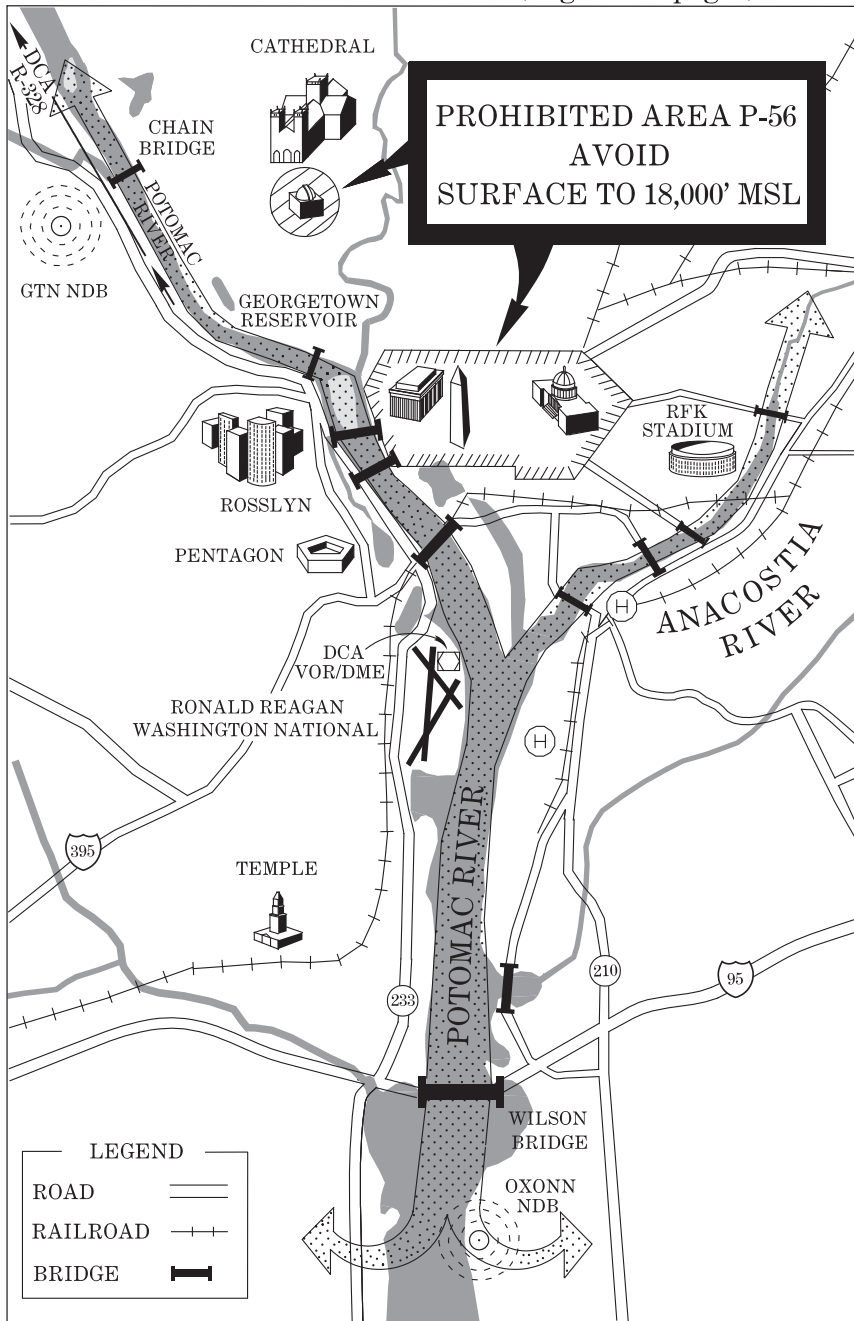
Aircraft unable to comply with the restrictions in this chart must advise tower prior to taxi and request the published standard instrument departure.

SPECIAL NOTICES
TETERBORO HELICOPTER ROUTES



TEB Helicopter Routes
Are Advisory Only

RONALD REAGAN WASHINGTON NATIONAL AIRPORT NOISE ABATEMENT & PROHIBITED AREA (P-56) AVOIDANCE PROCEDURES (Page 1 of 2 pages)



**RONALD REAGAN WASHINGTON NATIONAL AIRPORT
NOISE ABATEMENT & PROHIBITED AREA (P-56) AVOIDANCE PROCEDURES
(Page 2 of 2 pages)**

**P-56 BEGINS APPROXIMATELY 1.5 NM NORTH OF THE DEPARTURE END OF RUNWAY
01-SURFACE TO 18,000' MSL
REMAIN CLEAR OF P-56 AT ALL TIMES**

**EXPECT THE PUBLISHED RNAV DEPARTURE PROCEDURE OR ATC INSTRUCTIONS FOR THE
FOLLOWING NON-RNAV PROCEDURES**

NORTHWEST: Follow the Potomac River until abeam the Georgetown reservoir or the DCA 4 DME, then join the DCA 328 radial, expect radar vectors at 10 DME. A left turn as soon as practicable, especially with a west wind, is required to maintain a ground track over the Potomac River and **remain clear of P-56**. If unable to maintain visual reference to the Potomac River, join the DCA 328 radial.

NORTHEAST: Follow the Anacostia River to 5 DME. A right turn as soon as practicable, especially with a east wind, is required to maintain a ground track over the Anacostia River and **remain clear of P-56**. Expect Radar Vectors at 5 DME. If unable to maintain visual reference to the Anacostia River, then join the DCA 070 radial.

SOUTH: Follow the Potomac River to 5 DME, then expect radar vectors. If unable to maintain visual reference to the Potomac river, then join the DCA 185 radial.

ARRIVAL PROCEDURES

LANDING NORTH: Weather conditions 3000/4 or better, expect the Mount Vernon visual approach. Lower weather conditions, expect the advertised instrument approach.

LANDING SOUTH: Weather conditions 3500/3 or better, expect the River Visual Approach. Lower weather conditions, expect the advertised instrument approach.

NIGHTTIME NOISE LEVELS

From 2200 to 0700 local time, operation of aircraft type and model which exceed the following noise levels violate Metropolitan Washington Airport Authority Regulation (MWAR) 3.11:

DEPARTURES – 72 dBA as generated on takeoff.

ARRIVALS – 85 dBA as generated on approach, except that aircraft scheduled to arrive before 2200 will be permitted to land if they have received an approach clearance before 2230. Ref. MWAR 3.11 and Advisory Circular 36-3.

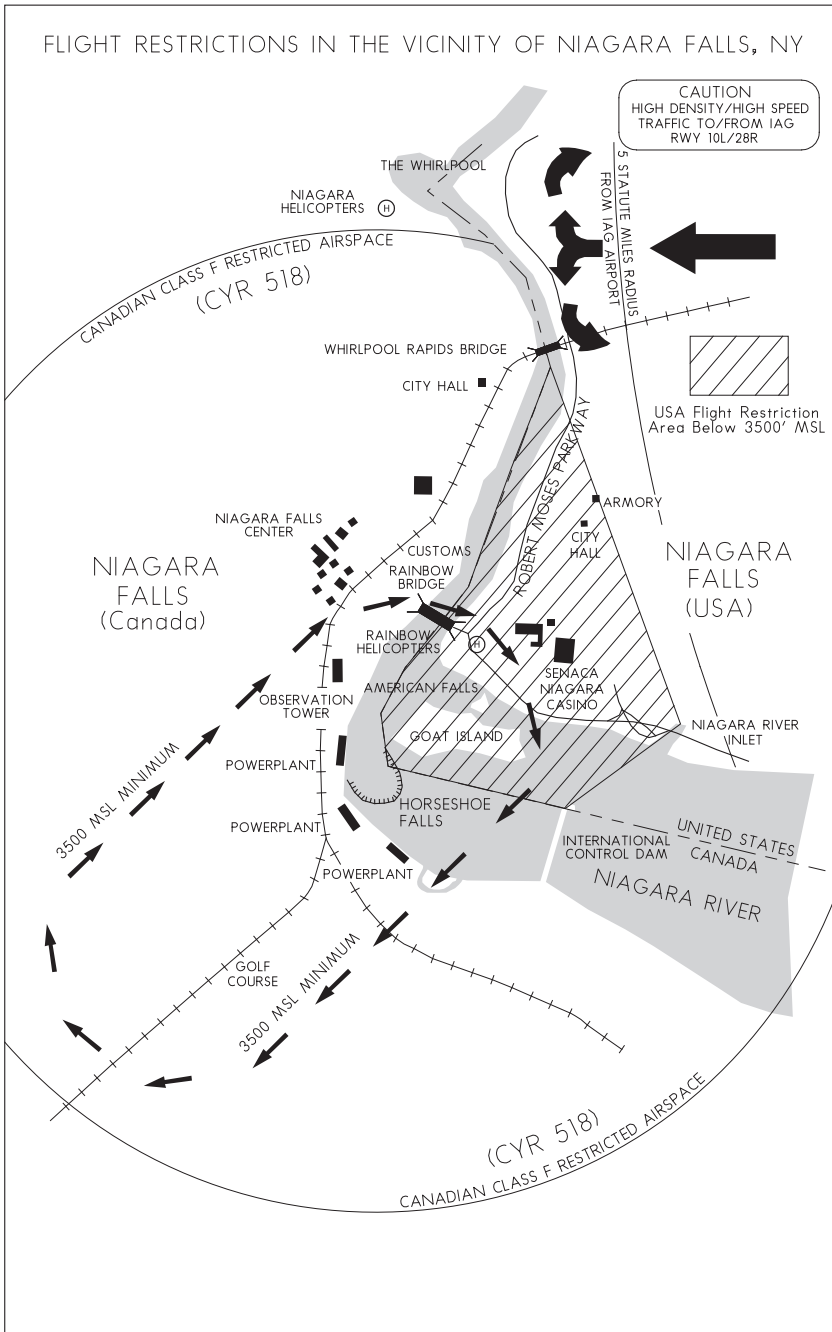
NIAGARA FALLS FLIGHT RESTRICTION AREA**Part 93—Special Air Traffic Rules; Subpart E—Flight Restrictions in the Vicinity of Niagara Falls, New York****§93.71 General operating procedures**

- (a) Flight restrictions are in effect below 3,500 feet MSL in the airspace above Niagara Falls, New York, west of a line from latitude 43°06'33"N., longitude 79°03'30"W. (the Whirlpool Rapids Bridge) to latitude 43°04'47"N., longitude 79°02'44"W. (the Niagara River Inlet) to latitude 43°04'29"N., longitude 79°03'30"W. (the International Control Dam) to the United States/Canadian Border and thence along the border to the point of origin.
- (b) No flight is authorized below 3,500 feet MSL in the area described in paragraph (a) of this section, except for aircraft operations conducted directly to or from an airport/heliport within the area, aircraft operating on an ATC-approved IFR flight plan, aircraft operating the Scenic Falls Route pursuant to approval of Transport Canada, aircraft carrying law enforcement officials, or aircraft carrying properly accredited news representatives for which a flight plan has been filed.
- (c) Check with Transport Canada for flight restrictions in Canadian airspace. Commercial air tour operations approved by Transport Canada will be conducting a north/south orbit of the Niagara Falls area below 3,500 feet MSL over the Niagara River.
- (d) The minimum altitude for VFR flight over the Scenic Falls area is 3,500 feet MSL.
- (e) Comply with the following procedures when conducting flight over the area described in paragraph (a) of this section:
 - (1) Fly a clockwise pattern;
 - (2) Do not proceed north of the Rainbow Bridge;
 - (3) Prior to joining the pattern, broadcast flight intentions on frequency 122.05 Mhz, giving altitude and position, and monitor the frequency while in the pattern;
 - (4) Use the Niagara Falls airport altimeter setting. Contact Niagara Falls Airport Traffic Control Tower to obtain the current altimeter setting, to facilitate the exchange of traffic advisories/restrictions, and to reduce the risk of midair collisions between aircraft operating in the vicinity of the Falls. If the Control Tower is closed, use the appropriate Automatic Terminal Information Service (ATIS) Frequency;
 - (5) Do not exceed 130 knots;
 - (6) Anticipate heavy congestion of VFR traffic at or above 3,500 feet MSL; and
 - (7) Use caution to avoid high-speed civil and military aircraft transiting the area to or from Niagara Falls Airport.
- (f) These procedures do not relieve pilots from the requirements of Sec. 91.113 of this chapter to see and avoid other aircraft.
- (g) Flight following, to and from the area, is available through Buffalo Approach.

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FLIGHT RESTRICTIONS IN THE VICINITY OF NIAGARA FALLS, NY

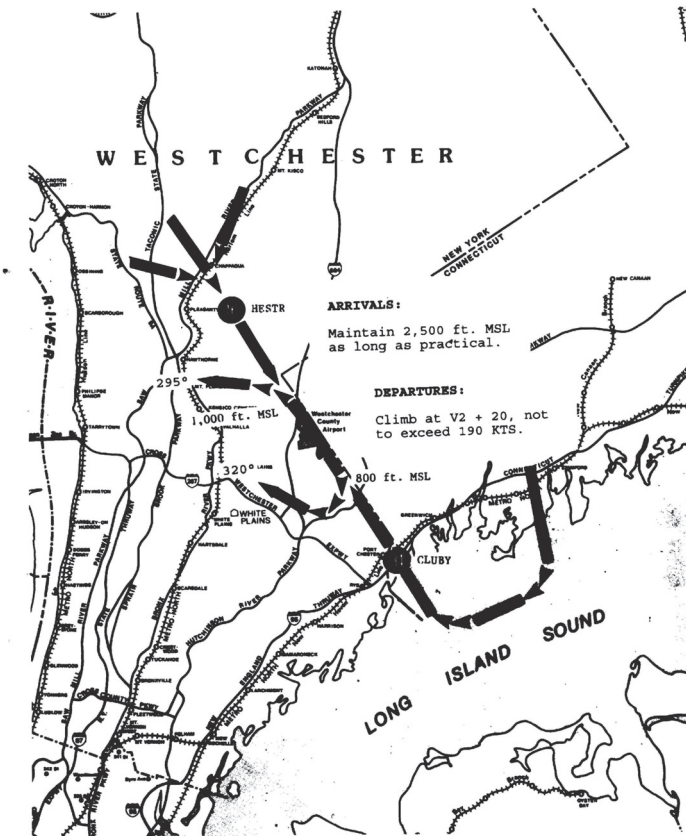


Office of Primary Responsibility (OPR): Air Traffic Organization, Mission Support Services, Policy, Airspace Rules and Regulations
Contact Information: (202) 267-8783
Amended: August 2023

TERMINAL AREA GRAPHIC NOTICE
(NOT TO BE USED FOR NAVIGATION)

White Plains, New York
WESTCHESTER COUNTY AIRPORT NOISE ABATEMENT PROCEDURES

Noise abatement procedures in effect at all times, contact 914-995-4861.
 Airport located in noise sensitive area. Noise monitoring and positive aircraft and helicopter event identification in effect at all times.
 High Range Noise Event program: Operators that cause noise levels at or above 93 dBA will be contacted.
 Voluntary restraint from flying time period is from midnight to 6:30 am local time. Limit use of reverse thrust.
 Run-ups: Must receive prior approval from airport operations. No aircraft with certificated maximum gross weight in excess of 120,000 lbs shall land or take off at the airport without prior permission of the Airport Manager.
 For all aircraft above 12,500 lbs: Use SIDs and STARs for noise abatement, conditions permitting; utilize Sound Visual Approach to Runway 34; turn final for Runway 16 outside outer marker.
 All runways: Utilize NBAA "standard" departure procedures, or AC91-53A "distant" noise abatement departure procedure.
 Light aircraft: Runway 34 departures north and eastbound, fly over interstate until reaching 1,500 feet MSL, then on course.
 Touch-and-go's: Runway 29 recommended traffic pattern in effect.
 Helicopters: Use New York Helicopter Route Chart for noise abatement, fly routes at or above 2,000 ft MSL.
 Copies of noise abatement procedures are available.



TERMINAL AREA GRAPHIC NOTICE
(NOT TO BE USED FOR NAVIGATION)

Nantucket, Massachusetts
Nantucket Memorial Airport VFR Noise Abatement Procedures

Noise abatement procedures in effect at all times, contact (508) 325-7531. Additional detailed noise abatement procedures via internet at www.NantucketAirport.com/noise.htm.

ARRIVALS

CONTACT NANTUCKET TOWER (118.3) 15 MILES OUT FOR LANDING INSTRUCTIONS

SINGLE ENGINES - (Pattern speed 130 knots or less) Plan to overfly island high (2000'+ AGL). Expect L/R base landing Runway 30 or Runway 33 when x-winds are under 12 knots. Descend offshore for landing whenever possible.

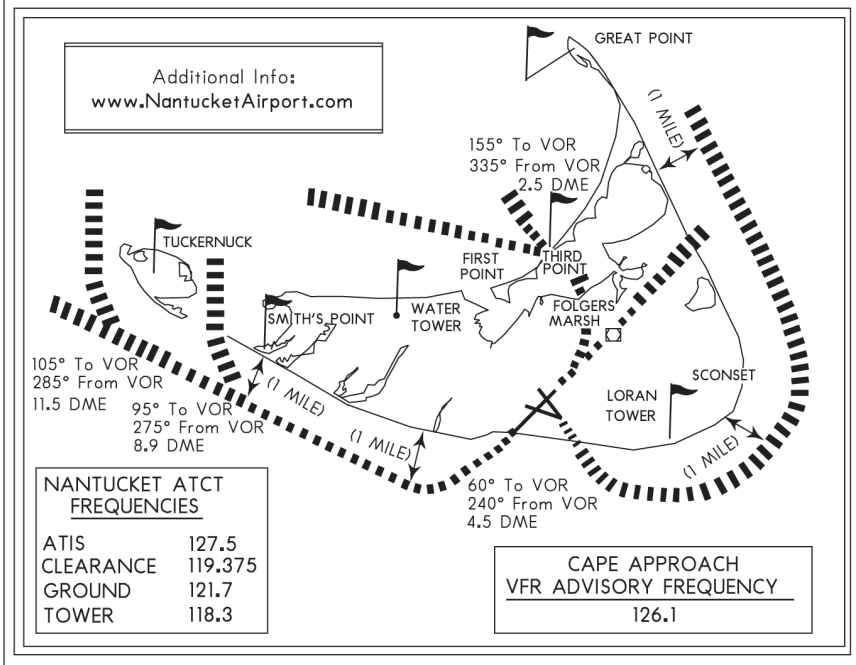
TWINS - Remain over water and expect to land on Runway 24 (wind permitting). Contact Tower for landing sequence abeam Great Point. Cross Third Point at 1000' AGL. Follow Folgers Marsh (right base) for landing on Runway 24.

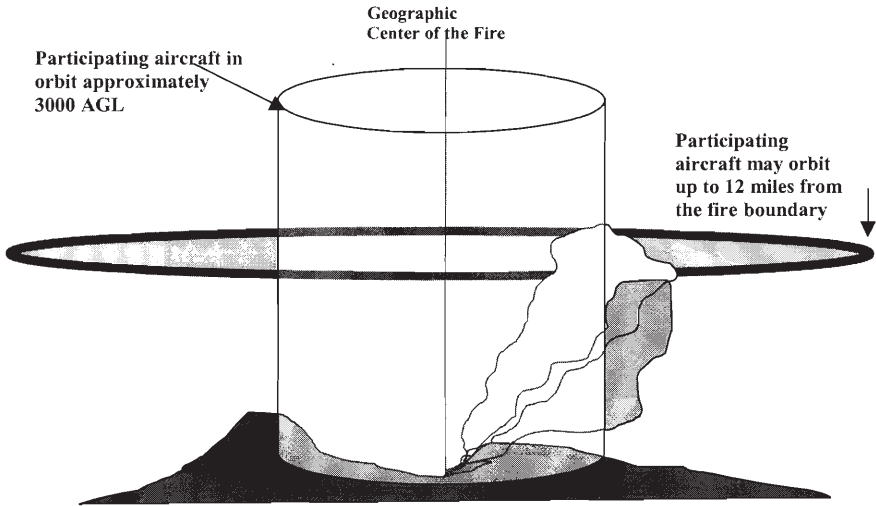
TURBOPROPS/JETS - Remain over water and expect straight in approach to Runway 24 (wind permitting). Enter final approach offshore outside Outer Marker.

DEPARTURES

Make maximum use of over water departure routes, maintaining 1 mile offshore and avoid island crossings whenever possible.

GENERAL AVIATION/AIRLINE CORRIDORS



FIREFIGHTING TRAFFIC AREA


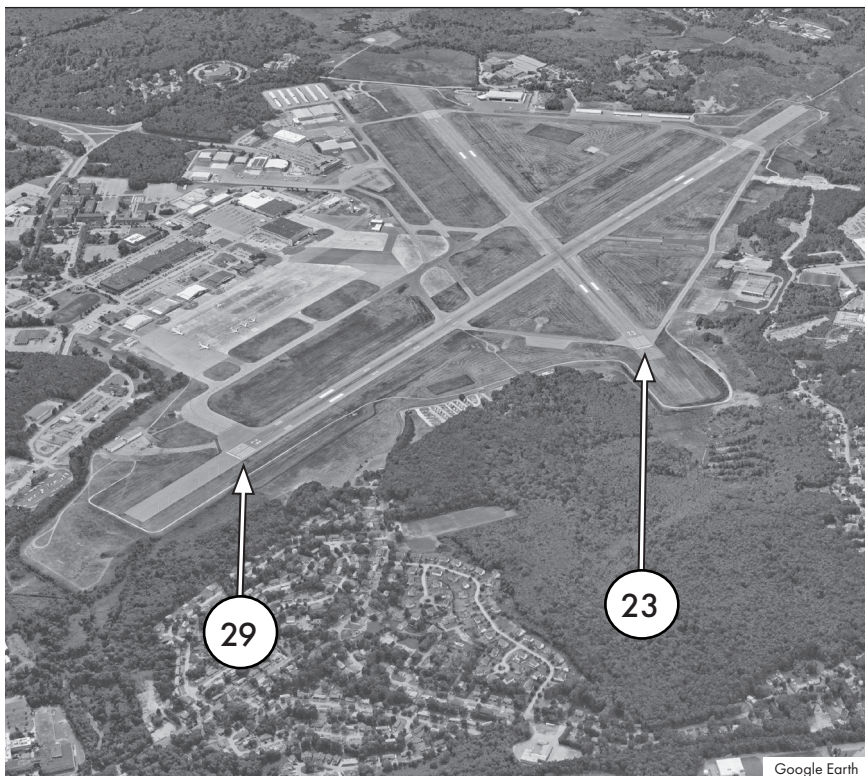
Pilots are advised to stay clear of Firefighting Traffic Areas. Remain 15 miles from the area of activity. If you must over-fly the area, do so at an altitude of 5000 feet AGL above. However, to remain safe and out of the way of working aircraft, it is best to circumnavigate the area.

The wild-land fire environment can be very complex and involve a large number and variety of aircraft types including fixed and rotary wing aircraft. Some of the aircraft are small single and multi-engine command and control platforms that can be especially difficult to see and may give the appearance that the fire is not staffed. The aircraft participating in firefighting can orbit as far out as 12 miles from the perimeter of the fire. Any intrusion by aircraft not directly involved in the firefighting operation could delay the delivery of much needed retardant or water to ground firefighters and will adversely affect the safety of participating aircraft. Please stay well away from wild-land fires even if you feel that aircraft are not working the fire; they may be en route or unseen.

If you see a fire developing along your route, report it immediately to air traffic control who will advise the US Forest Service. The firefighting community would welcome this information.

LAURENCE G. HANSCOM FIELD (BED) ARRIVAL ALERT

Landing West RWY 29 and RWY 23

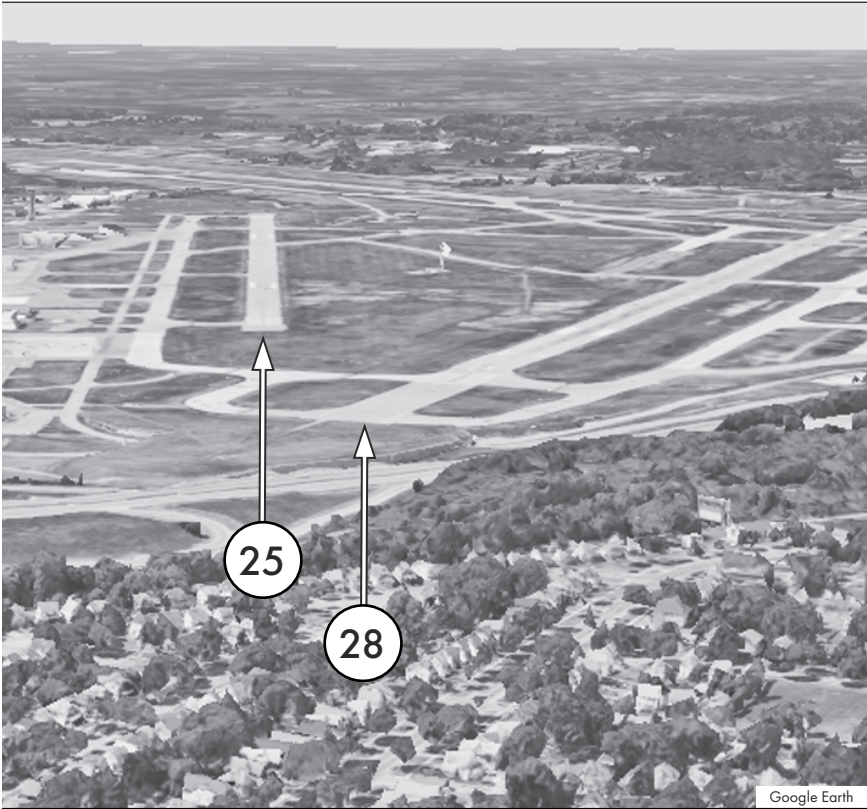


**Pilots confuse RWY 23 for RWY 29 due to terrain
features and/or proximity of runway thresholds.**

**Not for Navigational Purposes
For Situational Awareness Only**

ROCHESTER INTL (ROC) ARRIVAL ALERT

Landing Southwest RWY 25 and RWY 28



Pilot sometimes confuse RWY 25 and RWY 28.

**Not for Navigational Purposes
For Situational Awareness Only**

Office of Primary Responsibility (OPR): ATO, Runway Safety
Contact Information: (202) 856-1942
Amended: January 2024

The following narratives summarize the FAR Part 93 Special Air Traffic Rules, and Airport Traffic Patterns in effect as prescribed in the rule. This information is advisory in nature and in no way relieves the pilot from compliance with the specific rules set forth in FAR Parts 91 and 93.

Special Airport Traffic Areas prescribed in Part 93 are depicted on Sectional Aeronautical Charts, Enroute Low Altitude Charts, and where applicable, on VFR Terminal Area Charts.

OPERATIONS RESERVATIONS FOR HIGH DENSITY TRAFFIC AIRPORTS KENNEDY, LAGUARDIA, AND WASHINGTON REAGAN NATIONAL

The Federal Aviation Administration (FAA) has designated New York's Kennedy and LaGuardia Airports and Washington Reagan National Airport as High Density Traffic Airports (HDTA), Title 14, Code of Federal Regulations, part 93, subpart K, and has prescribed air traffic rules and requirements for operating aircraft (excluding helicopters) to and from those airports during certain hours.

Reservations are required for operations from 6 a.m. through 11:59 p.m. local time at LaGuardia Airport and Washington Reagan National Airport. Reservations at Kennedy Airport are required from 3 p.m. through 7:59 p.m. local time.

Reservation procedures are detailed in Advisory Circular 93-1, Reservations for Unscheduled Operations at High Density Traffic Airports. A copy of the advisory circular is available on the FAA website at <http://www.faa.gov>. Reservations for unscheduled operations are allocated through the Enhanced Computer Voice Reservation System (e-CVRS) accessible via telephone or the Internet. This system may not be used to make reservations for scheduled air carrier or commuter flights.

The toll-free telephone number for accessing e-CVRS is 1-800-875-9694 and is available for calls originating within the United States, Canada, and the Caribbean. Users outside the toll-free areas may access e-CVRS by calling the toll number of 703-707-0568. The Internet web address for accessing the e-CVRS is <http://www.fly.faa.gov/ecvrs>. If you have any questions about reservation requirements or are experiencing problems with the system, you may telephone the Airport Reservation Office at the Air Traffic Control System Command Center at (703) 904-4452.

Requests for instrument flight rules (IFR) reservations will be accepted beginning 72 hours prior to the proposed time of operation at the high-density airport. For example, a request for an 11 a.m. reservation on a Thursday will be accepted beginning at 11 a.m. on the previous Monday.

IFR reservations must be obtained prior to IFR landing or takeoff at an HDTA during slot controlled hours. An air traffic control (ATC) clearance does not constitute a reservation. A reservation does not constitute permission to operate at an HDTA if additional operational limits or procedures are required by NOTAM and/or regulation.

Aircraft involved in medical emergencies will be handled by ATC without regard to a reservation after obtaining prior approval of the ATC System Command Center on (703) 904-4452. ATC will accommodate declared other emergency situations without regard to slot reservations.

NOTE: Visual flight rule (VFR) reservations via ATC for unscheduled operations at LaGuardia are not authorized from 7 a.m. through 8:59 a.m. local time and 4 p.m. through 6:59 p.m. local time, Monday through Friday and Sunday evenings, unless otherwise announced by NOTAM. Both IFR and VFR operations during those time periods must obtain an advance reservation through e-CVRS.

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**FSS
TELEPHONE NUMBERS**

Flight Service Station (FSS) facilities process flight plans and provide flight planning and weather briefing services to pilots. FSS services in the contiguous United States, Hawaii and Puerto Rico, are provided by a contract provider at two large facilities. In Alaska, FSS services are delivered through a network of three hub facilities and 14 satellite facilities, some of which operate part-time and some are seasonal. Because of the interconnectivity between the facilities, all FSS services including radio frequencies are available continuously using published data.

Further information can be found in the Aeronautical Information Manual (AIM).

NATIONAL FSS TELEPHONE NUMBER

Pilot Weather Briefings 1-800-WX-BRIEF (1-800-992-7433)

OTHER FSS TELEPHONE NUMBERS (except in Alaska)

Medevac Flights Only 1-877-LIF-GRD3 (1-877-543-4733)

FLIGHT RESTRICTED ZONE FLIGHTS

Pilots wishing to fly within the Flight Restricted Zone (FRZ) must call the Washington ARTCC Flight Data Unit at 703-771-3476.

**FAA TELEPHONE NUMBERS AND NWS
KEY AIR TRAFFIC FACILITIES**

Air Traffic Control System Command Center

Main Number.....540-422-4100

AIR ROUTE TRAFFIC CONTROL CENTERS (ARTCCs)

ARTCC NAME	*24 HR RGNL DUTY OFFICE TELEPHONE #	BUSINESS HOURS	BUSINESS TELEPHONE #	**CLEARANCE DELIVERY TELEPHONE #
Albuquerque	817-222-5006	7:30 a.m.-4:00 p.m.	505-856-4300	505-856-4561
Anchorage	907-271-5936	7:30 a.m.-4:00 p.m.	907-269-1137	
Atlanta	404-305-5180	7:30 a.m.-5:00 p.m.	770-210-7601	770-210-7692
Boston	404-305-5156	7:30 a.m.-4:00 p.m.	603-879-6633	603-879-6859
Chicago	817-222-5006	8:00 a.m.-4:00 p.m.	630-906-8221	630-906-8921
Cleveland	817-222-5006	8:00 a.m.-4:00 p.m.	440-774-0310	440-774-0490
Denver	206-231-2099	7:30 a.m.-4:00 p.m.	303-342-1600	303-651-4257
Ft. Worth	817-222-5006	7:30 a.m.-4:00 p.m.	817-858-7500	817-858-7584
Honolulu	310-725-3300	7:30 a.m.-4:00 p.m.	808-840-6100	808-840-6201
Houston	817-222-5006	7:30 a.m.-4:00 p.m.	281-230-5300	281-230-5622
Indianapolis	817-222-5006	8:00 a.m.-4:00 p.m.	317-247-2231	317-247-2411
Jacksonville	404-305-5180	8:00 a.m.-4:30 p.m.	904-549-1501	904-845-1592
Kansas City	817-222-5006	7:30 a.m.-4:00 p.m.	913-254-8500	913-254-8508
Los Angeles	661-265-8200	7:30 a.m.-4:00 p.m.	661-265-8200	661-575-2079
Memphis	404-305-5180	7:30 a.m.-4:00 p.m.	901-368-8103	901-368-8453
Miami	404-305-5180	7:00 a.m.-3:30 p.m.	305-716-1500	305-716-1731
Minneapolis	817-222-5006	8:00 a.m.-4:00 p.m.	651-463-5580	651-463-5588
New York	718-995-5426	8:00 a.m.-4:40 p.m.	631-468-1001	631-468-1425
Oakland	310-725-3300	6:30 a.m.-3:00 p.m.	510-745-3331	
Salt Lake City	206-231-2099	7:30 a.m.-4:00 p.m.	801-320-2500	801-320-2568
San Juan	404-305-5180	7:30 a.m.-5:00 p.m.	787-253-8663	787-253-8664
Seattle	206-231-2099	7:30 a.m.-4:00 p.m.	253-351-3500	253-351-3694
Washington	718-995-5426	8:00 a.m.-4:30 p.m.	703-771-3401	703-771-3587

*Facilities can be contacted through the Rgnl Duty Officer during non-business hours.

**For use when numbers or frequencies are not listed in the airport listing

MAJOR TERMINAL RADAR APPROACH CONTROLS (TRACONs)

TRACON NAME	*24 HR RGNL DUTY OFFICE TELEPHONE #	BUSINESS HOURS	BUSINESS TELEPHONE #
Atlanta	678-364-6131	7:00 a.m.-3:30 p.m.	678-364-6000
Chicago	817-222-5006	8:00 a.m.-4:00 p.m.	847-608-5509
Dallas-Ft. Worth	817-222-5006	7:30 a.m.-4:00 p.m.	972-615-2500
Denver	425-227-1389	7:30 a.m.-4:00 p.m.	303-342-1500
Houston	817-222-5006	7:30 a.m.-4:00 p.m.	281-230-8400
New York	718-995-5426	8:00 a.m.-4:30 p.m.	516-683-2901
Northern CA	310-725-3300	7:00 a.m.-3:30 p.m.	916-366-4001
Potomac	718-995-5426	8:00 a.m.-4:30 p.m.	540-349-7500
Southern CA	310-725-3300	7:30 a.m.-4:00 p.m.	858-537-5800

*Facilities can be contacted through the Rgnl Duty Officer during non-business hours.

**FAA TELEPHONE NUMBERS AND NWS
KEY AIR TRAFFIC FACILITIES**

435

DAILY NAS REPORTABLE AIRPORTS

AIRPORT NAME	*24 HR RGNL DUTY OFFICE TELEPHONE #	BUSINESS HOURS	BUSINESS TELEPHONE #
Albuquerque Intl Sunport, NM	817-222-5006	8:00 a.m.-5:00 p.m.	505-842-4366
Andrews AFB, MD	718-995-5426	8:00 a.m.-4:30 p.m.	301-735-2380
Baltimore/Washington Intl Thurgood Marshall, MD	718-995-5426	8:00 a.m.-4:30 p.m.	410-962-3555
Boston Logan Intl, MA	404-305-5156	7:30 a.m.-4:00 p.m.	617-455-3100
Bradley Intl, CT	404-305-5156	7:30 a.m.-4:00 p.m.	203-627-3428
Burbank/Bob Hope, CA	310-725-3300	7:00 a.m.-5:30 p.m.	818-567-4806
Charlotte Douglas Intl, NC	404-305-5180	8:00 a.m.-4:30 p.m.	704-344-6487
Chicago Midway, IL	817-222-5006	8:00 a.m.-4:00 p.m.	773-884-3670
Chicago O'Hare Intl, IL	817-222-5006	8:00 a.m.-4:00 p.m.	773-601-7600
Cleveland Hopkins Intl, OH	817-222-5006	8:00 a.m.-4:00 p.m.	216-352-2000
Covington/Cincinnati, OH	817-222-5006	8:00 a.m.-4:30 p.m.	859-372-6440
Dallas-Ft. Worth Intl, TX	817-222-5006	8:30 a.m.-5:00 p.m.	972-615-2531
Dayton Cox Intl, OH	817-222-5006	7:30 a.m.-4:00 p.m.	937-415-6800
Denver Intl, CO	425-227-1389	7:30 a.m.-4:00 p.m.	303-342-1600
Detroit Metro, MI	817-222-5006	8:00 a.m.-4:00 p.m.	734-955-5000
Fairbanks Intl, AK	907-271-5936	7:30 a.m.-4:00 p.m.	907-474-0050
Fort Lauderdale Intl, FL George Bush	404-305-5180	7:00 a.m.-3:30 p.m.	305-356-7932
Intercontinental/Houston, TX	817-222-5006	7:30 a.m.-4:00 p.m.	713-230-8400
Hartsfield-Jackson Atlanta Intl, GA	678-364-6131	7:00 a.m.-3:30 p.m.	404-559-5800
Honolulu (Daniel K Inouye Intl), HI	310-725-3300	7:30 a.m.-4:00 p.m.	808-840-6100
Houston Hobby, TX	817-222-5006	8:00 a.m.-5:00 p.m.	713-847-1400
Indianapolis Intl, IN	817-222-5006	8:00 a.m.-4:00 p.m.	317-484-6600
Kahului/Maui, HI	310-725-3300	7:30 a.m.-4:00 p.m.	808-877-0725
Kansas City Intl, MO	817-222-5006	7:30 a.m.-4:00 p.m.	816-329-2700
Las Vegas McCarran, NV	310-725-3300	7:30 a.m.-4:00 p.m.	702-262-5978
Los Angeles Intl, CA	310-725-3300	7:00 a.m.-3:30 p.m.	310-342-4900
Louis Armstrong New Orleans Intl, LA	817-222-5006	7:00 a.m.-4:30 p.m.	504-471-4300
Memphis Intl, TN	404-305-5180	7:30 a.m.-4:00 p.m.	901-322-3350
Miami Intl, FL	404-305-5180	7:00 a.m.-4:00 p.m.	305-869-5400
Minneapolis/St. Paul, MN	817-222-5006	8:00 a.m.-4:00p.m.	612-713-4000
Nashville Intl, TN	404-305-5180	7:00 a.m.-3:30 p.m.	615-781-5460
New York Kennedy Intl, NY	718-995-5426	8:00 a.m.-4:30 p.m.	718-656-0335
New York La Guardia, NY	718-995-5426	8:00 a.m.-4:30 p.m.	718-335-5461
Newark Liberty Intl, NJ	718-995-5426	7:30 a.m.-4:00 p.m.	973-565-5000
Norman Y. Mineta San Jose Intl, CA	310-725-3300	7:30 a.m.-4:00 p.m.	408-982-0750
Ontario Intl, CA	310-725-3300	7:30 a.m.-4:00 p.m.	909-983-7518
Orlando Intl, FL	404-305-5180	7:30 a.m.-5:00 p.m.	407-850-7000
Philadelphia Intl, PA	718-995-5426	8:00 a.m.-4:30 p.m.	215-492-4100
Phoenix Sky Harbor Intl, AZ	310-725-3300	7:30 a.m.-4:00 p.m.	602-379-4226
Pittsburgh Intl, PA	718-995-5426	8:00 a.m.-4:30 p.m.	412-269-9237
Portland Intl, OR	425-227-1389	7:30 a.m.-4:00 p.m.	503-493-7500
Raleigh-Durham, NC	404-305-5180	8:00 a.m.-4:30 p.m.	919-380-3125
Ronald Reagan Washington National, DC	718-995-5426	8:00 a.m.-4:30 p.m.	703-413-0330
Salt Lake City, UT	425-227-1389	7:30 a.m.-4:00 p.m.	801-325-9600
San Antonio Intl, TX	817-222-5006	8:00 a.m.-4:30 p.m.	210-805-5507
San Diego Lindbergh Intl, CA	310-725-3300	8:00 a.m.-4:30 p.m.	619-299-0677
San Francisco Intl, CA	310-725-3300	7:00 a.m.-3:30 p.m.	650-876-2883
San Juan Intl, PR	404-305-5180	7:30 a.m.-5:00 p.m.	787-253-8663
Seattle-Tacoma Intl, WA	425-227-1389	7:30 a.m.-4:00 p.m.	206-768-2900
St. Louis Lambert, MO	817-222-5006	7:30 a.m.-4:00 p.m.	314-890-1000
Tampa Intl, FL	404-305-5180	7:30 a.m.-4:00 p.m.	813-371-7700
Ted Stevens Anchorage Intl, AK	907-271-5936	7:30 a.m.-4:00 p.m.	907-271-2700
Teterboro, NJ	718-995-5426	8:00 a.m.-4:30 p.m.	201-288-1889
Washington Dulles Intl, DC	718-995-5426	8:00 a.m.-4:30 p.m.	571-323-6375
West Palm Beach, FL	404-305-5180	8:00 a.m.-4:30 p.m.	561-683-1867
Westchester Co, NY	718-995-5426	8:00 a.m.-4:30 p.m.	914-948-6520

*Facilities can be contacted through the Rgnl Duty Officer during non-business hours.

NATIONAL WEATHER SERVICE (NWS)
 UPPER AIR OBSERVING STATION (UAOS)
 AND
 WEATHER RADAR NETWORK



LEGEND

- △ AVIATION WEATHER SERVICE (MILITARY)
- ▲ AIR TRAFFIC CONTROL RADAR
- ★ UPPER AIR OBSERVING STATION/RADAR
- RADAR ONLY
- UAOS-BALLOON RELEASE AROUND 1100 UTC AND 2300 UTC DAILY
- OTHER NWS UPPER AIR STATIONS-BALLOON RELEASE TIMES ARE FLEXIBLE BUT GENERALLY AROUND SUNRISE AND/OR EARLY AFTERNOON

NOTE: FOR RELEASES LATER THAN 1130 UTC AND 2330 UTC, AND FOR SPECIAL RELEASES AT OTHER THAN THE SCHEDULED HOURS, AN AERONAUTICAL INFORMATION MESSAGE WILL BE FILED.

Air Route Traffic Control Center frequencies and their remoted transmitter sites are listed below for the coverage of this volume. Bold face type indicates high altitude frequencies, light face type indicates low altitude frequencies. To insure unrestricted IFR operations within the high altitude enroute sectors, the use of 720 channel communications equipment (25 kHz channel spacing) is required.

® ATLANTA CENTER – 121.5 121.5 243.0 243.0 CPDLC (LOGON KUSA) H-6-9-10-12, L-18-22-24-25-26-36,

A-1

Albemarle – 133.15 251.1 (KZTL)
 Anderson – 121.5 121.5 243.0 243.0
 Anniston – 134.95 121.5 121.5 323.175 243.0 243.0
 Athens – 134.2 127.5 127.5 120.425 327.15 316.05 316.05 290.475
 Atlanta/A – 135.0 135.0 346.35 317.7 317.7 290.475
 Augusta – 128.1 322.325
 Birmingham – 128.725 127.3 350.325 251.05
 Chattanooga – 133.175 132.05 126.675 124.875 363.1 354.025 299.2 257.675
 Columbus – 125.575 120.45 353.95 298.85
 Crossville – 121.5 121.5 243.0 243.0
 Foothills – 134.8 379.95
 Gadsden – 124.5 270.325
 Glade Springs – 127.85 269.3
 Greensboro – 128.8 124.425 360.825 323.025
 Greer – 121.5 121.5 243.0 243.0
 Hampton – 127.125 121.5 121.5 119.375 371.95 363.25 268.7 243.0 243.0
 Hickory – 134.55 132.975 125.15 124.25 121.5 121.5 370.35 307.35 290.2 263.0 243.0 243.0
 Hinch Mountain – 133.6 132.675 125.925 279.5 269.175 254.3
 Macon – 134.5 123.95 360.75 269.625 269.625 263.075 263.075
 Millen – 127.95 343.75
 Monroeville – 118.55 267.9
 Montgomery – 134.6 134.6 128.025 125.875 125.875 120.55 319.1 319.1 292.2 292.2 280.1 280.1
 270.25 243.0 243.0
 Mount Oglethorpe – 134.8 133.1 127.05 127.05 121.35 379.95 377.05 342.425 342.425 282.35 282.35
 Newport – 127.55 269.5
 Owing – 135.35 125.625 123.725 327.0 269.1 263.125
 Sandersville – 126.425
 Sugarloaf Mountain – 132.625 121.5 121.5 353.625 243.0 243.0
 Tri City – 127.85 126.775 120.725 353.575 269.3 257.775
 Uniontown – 132.25 343.725 307.15 263.025 252.9
 Young Harris – 124.375 353.925
 CENTER REMARKS: CPDLC (LOGON KUSA)

® BOSTON CENTER – 121.5 121.5 243.0 243.0	H-10-11-12, L-30-31-32-33-34
Augusta – 134.95 121.5 121.5 307.0 243.0 243.0	(KZBV)
Bangor – 128.05 124.25 120.25 346.4 321.3 319.1 290.5 243.0 243.0	
Barnstable – 132.9 128.75 370.9 321.3 307.3 290.3 243.0 243.0	
Berlin – 135.7 135.7 282.2 282.2	
Bridgeport – 121.5 121.5 243.0 243.0	
Bucks Harbor – 290.5	
Burlington – 121.5 121.5 243.0 243.0	
Calverton – 135.8 132.3 124.525 346.3 292.15 254.375	
Caribou – 124.75 121.5 243.0 239.05	
Columbia Falls – 133.45 269.3	
Concord – 128.325 348.7	
Cummington – 132.65 379.1	
Gardner – 134.7 123.75 338.2 269.475	
Houlton – 128.05 (OCEANIC CONTROL-VIA J55) 121.5 121.5 120.25 346.4 (OCEANIC CONTROL-VIA V39) 319.1 (OCEANIC CONTROL-VIA J55) 243.0 243.0	
Hyannis – 133.45 133.45 (OCEANIC CONTROL-VIA-J575/J585/C1141/C1142/C1143/C1144/C1145/C1146) 269.3 269.3 (OCEANIC CONTROL-VIA-J575/J585/C1141/C1142/C1143/C1144/C1145/C1146)	
Kingston – 134.3 256.9	
Lake George – 135.325 133.625 128.325 121.35 360.6 354.1 348.7 257.85	
Lebanon – 134.7 121.5 121.5 269.475 243.0 243.0	
Massena – 121.5 121.5 243.0 243.0	
Melrose – 133.325 127.975 353.7 341.7	
Millinocket – 134.95 307.0	
Montpelier – 135.7 135.7 121.5 121.5 282.2 282.2 243.0 243.0	
Princeton – 121.5 121.5	
Rockdale – 133.25 127.375 353.925 279.5	
Shelton – 134.0 128.1 126.275 125.575 353.675 317.7 306.3 290.35	
St. Albans – 120.35 118.825 342.25 251.075	
Turin – 135.25 133.25 123.875 120.35 377.1 377.1 342.25 342.25 323.0 321.3 279.5 243.0 243.0	
Utica – 124.125 342.25 273.55	
Waterboro – 128.2 118.55 273.45 263.05	
Watertown – 121.5 121.5 243.0 243.0	
Whitefield – 121.5 121.5	
Woodstock – 135.325 133.425 133.425 127.65 124.85 118.425 360.6 307.9 277.4 269.2 257.925	
Worcester – 126.225 370.9	

CENTER REMARKS: THE PROVISION OF ENROUTE PRIM RADAR SVC NOT AVBL IN THE BOS ARTCC WATERTOWN NY AREA AT 12000' & BELOW; ROCKDALE/UTICA NY AREAS AT 11000' & BELOW; DELANCEY NY AREA AT 7000' & BELOW AND IN THE SYRACUSE*

® CLEVELAND CENTER – 121.5 121.5 243.0 243.0H-2-5-10-11-12, L-27-28-29-30-31-32	(KZOB)
Algonac – 134.775 132.25 126.525 379.95 298.875 285.525 269.2 244.575	
Altoona – 133.075 128.45 124.4 121.5 121.5 121.2 327.1 307.1 299.2 276.4 243.0 243.0	
Belmont – 135.175 126.95 125.425 307.075 291.6 239.3	
Bradford – 124.325 121.5 121.5 353.85 243.0 243.0	
Carleton – 135.375 251.125 243.0 243.0	
Chardon – 120.775 298.95	
Dubois – 126.725 121.5 121.5 291.65 243.0 243.0	
Dunkirk – 125.2 256.8	
Findlay – 135.1 127.675 121.5 121.5 291.725 281.475 243.0 243.0	
Flint – 126.75 348.75	
Freeland – 133.875 127.7 369.9 290.425 269.525 243.0 243.0	
Geneseo – 128.025 323.25	
Holland – 120.625 118.625 316.05 306.9	
Indianhead – 132.125 363.075	
Litchfield – 135.725 134.65 133.525 120.45 360.7 285.625 281.425 263.025	
Mansfield – 134.9 133.375 369.9 317.7 290.275 269.475 243.0 243.0	
Moon Township – 134.475 121.075 385.5 369.25 317.45 307.325 254.275	
Morgantown – 121.5 121.5 243.0 243.0	
Mount Hope – 120.6 379.275 243.0 243.0	
Sandusky – 132.45 127.9 119.875 119.325 371.95 348.675 284.625 269.625	
Warren – 134.125 132.925 125.875 119.725 351.85 338.35 316.1 307.15	
Waterford – 127.075 292.175	
Waterville – 128.625 379.2	
Wayland – 127.475 124.325 119.375 369.9 353.85 346.35 243.0 243.0 235.975	

® INDIANAPOLIS CENTER – 121.5 121.5 243.0 243.0 CPDLC (LOGON KUSA) H-5-9-10-12, L-16-25-26-27-29

Athens – 135.425 125.075 379.975 353.525 (KZID)
 Bible Grove – 257.95
 Bluefield – 126.575 121.5 121.5 257.85 243.0 243.0
 Brookville – 120.575 317.625
 Catawba – 128.775 123.925 120.475 353.75 346.3 256.7
 Charleston – 135.125 134.225 119.525 379.175 322.375 307.3
 Columbus – 316.125
 Evansville – 132.525 128.3 377.125 291.625
 Henryville – 134.275 133.05 128.375 124.775 353.825 317.525 293.225 269.025
 Hillsboro – 121.5 121.5
 Huntingburg – 127.025 322.425
 Indianapolis – 133.425 132.775 125.125 124.525 119.55 379.225 370.925 360.775 350.225 299.6
 273.475
 Livingston – 134.675 126.925 348.625 319.15
 London – 243.0
 London 2 – 124.625 121.5 121.5 371.925 243.0 243.0
 Lynch – 126.575 257.85
 Merwyn – 135.575 134.7 120.875 307.225 290.5 284.725
 New Hope – 124.625 121.175 371.925 353.65
 Parkersburg – 125.55 121.5 317.475 243.0 243.0
 Portsmouth – 135.575 124.225 120.275 363.175 360.725 290.5
 Rosewood – 135.8 128.075 288.3 282.375
 Terre Haute – 134.175 132.2 317.425 310.8
 Whitetop Mountain – 124.575 290.55
 Winchester – 128.225 126.375 123.775 343.65 317.75 263.05
 Zanesville – 133.775 132.825 124.45 121.5 121.5 363.025 360.675 323.275 243.0 243.0
 CENTER REMARKS: CPDLC (LOGON KUSA)

® NEW YORK CENTER – 121.5 121.5 243.0 243.0H-9-10-11-12, L-29-30-32-33-34-35-36

Barnegat – 133.5 133.5 354.0 (KZNY)
 Barnstable – 125.925 121.125 284.75
 Big Flat – 133.475 132.2 322.4 270.3
 Colts Neck – 125.325 118.975 307.8 282.3
 Douglaston – 128.675 121.125
 Elk Mountain – 134.45 132.175 128.5 326.2 298.9
 Elmira – 121.5 121.5 243.0 243.0
 Flint Hill – 134.6 132.1 124.625 307.05 290.2 278.3
 Harrisburg – 124.775 346.275
 Huguenot – 132.6 285.5
 Islip – 121.5 121.5 243.0 243.0
 Lancaster – 133.175 285.65
 Manteo – 126.025
 Millville – 134.325 323.3
 Modena – 135.45 335.6
 Nantucket – 121.125
 North Mountain – 132.15 128.575 123.625 121.325 282.35 279.55 273.6 269.1
 Philipsburg – 134.8 132.875 121.5 121.5 338.3 306.2
 Ravine – 120.025 292.125
 Saint David – 128.5 121.5 119.1 243.0 239.0 229.4
 Sayre – 133.35 372.0
 Ship Bottom – 133.05 128.3 257.725
 Sparta – 133.15 290.4
 State College – 118.55
 Stillwater – 127.175 350.3
 Williamsport – 124.9 121.5 121.5 243.0 243.0
 Wilmington – 133.525

® WASHINGTON CENTER – 121.5 121.5 243.0 243.0	H-9-10-12, L-24-25-26-29-34-35-36, A-1
Atlantic City – 133.125 281.45	(KZDC)
Baltimore – 134.5 360.7	
Bedford – 243.0 243.0	
Benson – 132.225 363.225	
Bucks Elbow – 135.4 133.2 133.2 128.6 121.675 284.7 282.2 282.2 263.1 226.675	
Buena Vista – 134.4 133.025 127.925 353.9 319.0 269.375	
Cape Charles – 121.375 120.975 353.95 293.225	
Danville – 121.5 121.5 243.0 243.0	
Dover – 135.5 118.825 360.65 281.425	
Elkins – 133.275 128.6 121.5 121.5 118.025 371.9 259.1 243.0 243.0 226.675	
Grantsville – 133.65 285.6	
Green Bay – 133.725 127.75 118.75 377.1 351.9 235.625	
Hagerstown – 134.15 134.15 227.125 227.125	
Hopewell – 121.875 323.225	
Johnsonville – 135.2 118.925 348.65 322.45 243.0 243.0	
Lawrenceville – 132.025 290.425	
Leesburg – 135.525 133.975 126.875 350.25 307.025 285.45	
Lewisburg – 125.725	
Lexington Park – 133.9 281.4	
Linden – 133.55 322.55	
Lynchburg – 133.575 270.35	
Martinsburg – 132.275 379.3	
Millville – 125.45 125.45 363.0 363.0	
Modena – 132.525 307.25	
New Bern – 123.85 121.5 121.5 279.65 243.0 243.0	
Richmond – 132.95 285.55	
Sampson – 135.3 285.5	
Sea Isle – 127.7 285.4	
Ship Bottom – 121.025 307.725	
Smyrna – 132.05 354.15	
Snow Hill – 135.275 132.55 291.675 236.825	
South Boston – 124.05 352.0	
Whaleyville – 133.825 123.85 120.75 327.8 317.725 296.7 279.65 279.65 243.0 243.0	
Whaleyville – 133.825 123.85 120.75 327.8 317.725 296.7 279.65 279.65 243.0 243.0	
Wilmington – 135.75 124.025 317.45 269.15	

VHF frequencies available at Flight Service Stations and at their remote communication outlets (RCO's) are listed below for the coverage of this volume. 'T' indicates transmit only and 'R' indicates receive only. RCO's available at NAVAID's are listed after the NAVAID name. RCO's not at NAVAID's are listed by name.

ALTOONA RADIO

ALLEGHENY RCO 122.2
ALTOONA RCO 122.2
BRADFORD RCO 122.2
DU BOIS RCO 122.2
ELLWOOD CITY VOR/DME 115.8T 122.1R
FRANKLIN VOR 109.6T 122.1R
PHILIPSBURG RCO 122.5
PHILIPSBURG VORTAC 115.5T 122.1R
ST MARYS RCO 122.4

BANGOR RADIO

AUGUSTA VOR/DME 114.95T 122.1R 122.2
BANGOR RCO 122.2
BERLIN RCO 122.35
BUCKS HARBOR RCO 122.5
CARIBOU RCO 122.3
CONCORD RCO 122.2
FRYEBURG RCO 122.55
GREENVILLE RCO 122.3
HOULTON DME 122.2
KEENE DME 122.6
LEBANON RCO 122.2
MILLINOCKET RCO 122.6
MILLINOCKET VOR/DME 117.9T 122.1R
WHITEFIELD RCO 122.4

BRIDGEPORT RADIO

BOSTON RCO 122.4
BOSTON VOR/DME 112.7T 122.1R
BRIDGEPORT VOR/DME 122.2
CHESTER RCO 122.25
FITCHBURG RCO 122.15
GARDNER VOR/DME 116.95T 122.1R
MANSFIELD RCO 122.5
MARCONI VOR/DME 122.2
NANTUCKET VOR/DME 116.2T 122.1R
PROVIDENCE VOR/DME 122.6
WORCESTER RCO 122.2

BUFFALO RADIO

BINGHAMTON VOR/DME 112.2T 122.1R
BUFFALO RCO 122.2
DUNKIRK RCO 122.3
ELMIRA RCO 122.2
GENESEO VOR/DME 108.2T 122.1R
JAMESTOWN VOR/DME 114.7T 122.1R
ROCHESTER RCO 122.6
SAYRE RCO 122.3
SYRACUSE RCO 122.4
UTICA TACAN 122.2

BURLINGTON RADIO

ALBANY RCO 122.2
BURLINGTON RCO 122.2
GLENS FALLS RCO 122.2
MASSENA RCO 122.2
MONTPELIER RCO 122.2
MONTPELIER RCO 122.6
NEWPORT RCO 122.5
OGDENSBURG RCO 122.4
PITTSFIELD RCO 122.3
RUTLAND RCO 122.3
SPRINGFIELD RCO 122.5
WATERTOWN RCO 122.2
WATERTOWN VORTAC 109.8T 122.1R

ELKINS RADIO

BLUEFIELD RCO 122.2
BLUEFIELD VOR/DME 115.05T 122.1R
CHARLESTON RCO 122.2
CHARLESTON VOR/DME 117.4T 122.1R
COALTON RCO 122.2
CUMBERLAND RCO 122.35
HUNTINGTON RCO 122.2
IVY KNOB RCO 122.4
MORGANTOWN VOR/DME 111.6T 122.1R
PARKERSBURG RCO 122.2

LEESBURG RADIO

BALTIMORE VORTAC 122.2
BROOKE VORTAC 114.5T 122.1R
BUCK'S ELBOW MOUNTAIN RCO 122.2
DANVILLE RCO 122.2
GLADE SPRING VOR/DME 110.2T 122.1R
GORDONSVILLE VORTAC 115.6T 122.1R
LYNCHBURG VOR/DME 122.6
MARTINSBURG RCO 122.2
MONTEBELLO VOR/DME 115.3T 122.1R
NORFOLK VORTAC 116.9T 122.1R
PATUXENT RCO 122.5
PULASKI RCO 122.3
RICHMOND VORTAC 122.4
ROANOKE REGIONAL/WOODRUM * RCO 122.6
SALISBURY RCO 122.3
SOUTH BOSTON VORTAC 110.4T 122.1R 122.5
WASHINGTON RCO 122.2
WESTMINSTER VORTAC 117.9T 122.1R

MILLVILLE RADIO

COLTS NECK RCO 122.3
DUPONT VORTAC 114.0T 122.1R
MILLVILLE RCO 122.2
SEA ISLE VORTAC 114.8T 122.1R
SMYRNA VORTAC 122.5
SOLBERG VOR/DME 112.9T 122.1R
TETERBORO RCO 122.2
WATERLOO VOR/DME 112.6T 122.1R

NEW YORK RADIO 11309 NORTH ATLANTIC FAMILY E 11342 LONG DISTANCE OPS CTL FAC 11387 CARIBBEAN FAMILY B 11396 CARIBBEAN FAMILY A 13297 CARIBBEAN FAMILY A 13306 NORTH ATLANTIC FAMILY A 13330 LONG DISTANCE OPS CTL FAC 13354 NORTH ATLANTIC FAMILY E 17907 CARIBBEAN FAMILY A 17907 CARIBBEAN FAMILY B 17925 LONG DISTANCE OPS CTL FAC 17946 NORTH ATLANTIC FAMILY A 17946 NORTH ATLANTIC FAMILY B 17964 NORTH ATLANTIC FAMILY E 21964 LONG DISTANCE OPS CTL FAC 2887 CARIBBEAN FAMILY A 3016 NORTH ATLANTIC FAMILY A 3455 CARIBBEAN FAMILY B 3494 LONG DISTANCE OPS CTL FAC 5520 CARIBBEAN FAMILY B 5550 CARIBBEAN FAMILY A 5598 NORTH ATLANTIC FAMILY A 6577 CARIBBEAN FAMILY A 6586 CARIBBEAN FAMILY B 6628 NORTH ATLANTIC FAMILY E 6640 LONG DISTANCE OPS CTL FAC 8825 NORTH ATLANTIC FAMILY E 8846 CARIBBEAN FAMILY A 8846 CARIBBEAN FAMILY B 8906 NORTH ATLANTIC FAMILY A 8918 CARIBBEAN FAMILY A DEER PARK VOR/DME 122.2
HAMPTON VORTAC 122.6
HUGUENOT VOR/DME 116.1T 122.1R
KENNEDY VOR/DME 115.9T 122.1R
KINGSTON VOR/DME 117.6T 122.1R
POUGHKEEPSIE RCO 122.2

WILLIAMSPORT RADIO

CAPITAL CITY RCO 122.2
EAST TEXAS VOR/DME 122.4
NORTH PHILADELPHIA RCO 122.2
WILKES-BARRE RCO 122.2
WILLIAMSPORT RCO 122.2

The use of VOR airborne and ground checkpoints is explained in Aeronautical Information Manual, Basic Flight Information and ATC Procedures.

NOTE: Under columns headed "Type of Checkpoint" & "Type of VOT Facility" G stands for ground. A/ stands for airborne followed by figures (2300) or (1000-3000) indicating the altitudes above mean sea level at which the check should be conducted. Facilities are listed in alphabetical order, in the state where the checkpoints or VOTs are located. IOWA

CONNECTICUT VOR TEST FACILITIES (VOT)

Facility Name (Airport Name)	Freq.	Type VOT Facility	Remarks
Bradley Intl	111.4	G	
Bridgeport (Bridgeport/Sikorsky)	109.25	G	
Groton (Groton-New London)	110.25	G	
Hartford (Hartford-Brainard)	108.2	G	

DELAWARE VOR RECEIVER CHECK POINTS

Facility Name (Arpt Name)	Freq/Ident	Type Check Pt. Gnd. AB/ALT	Azimuth from Fac. Mag	Dist. from Fac. N.M.	Checkpoint Description
Wilmington (New Castle)	114.0/DQO	G	285	0.6	On Twy K at Rwy 09.

MAINE VOR RECEIVER CHECKPOINTS

Facility Name (Arpt Name)	Freq/Ident	Type Check Pt. Gnd. AB/ALT	Azimuth from Fac. Mag	Dist. from Fac. N.M.	Checkpoint Description
Bangor (Bangor Intl)	114.8/BGR	G	153	3.8	On runup area Rwy 33.

VOR TEST FACILITIES (VOT)

Facility Name (Airport Name)	Freq.	Type VOT Facility	Remarks
Portland Intl Jetport	111.0	G	

MARYLAND VOR RECEIVER CHECKPOINTS

Facility Name (Arpt Name)	Freq/Ident	Type Check Pt. Gnd. AB/ALT	Azimuth from Fac. Mag	Dist. from Fac. N.M.	Checkpoint Description
Frederick (Frederick Muni)	109.0/FDK	G	035	0.6	On runup pad apch end Rwy 23.
	109.0/FDK	G	359	0.6	Intersection Twy B and Twy C.
Patuxent River NAS (Trapnell fld)	117.6/PXT	G	250	0.5	AER Rwy 02 and Rwy 06 and Twy A.
	117.6/PXT	G	291	0.5	Intersection Twy B and Twy E.
Salisbury (Salisbury-Ocean City Wicomico Rgnl)	111.2/SBY	G	221	0.7	Runup pad Rwy 05.

**MASSACHUSETTS
VOR RECEIVER CHECKPOINTS**

Facility Name (Arprt Name)	Freq./Ident	Type Check Pt. Gnd. AB/ALT	Azimuth from Fac. Mag	Dist. from Fac. N.M.	Checkpoint Description
Marthas Vineyard (Marthas Vineyard)	114.5/MVY	G	216	0.7	On runup block for Rwy 06.
Nantucket (Nantucket Memorial)	116.2/ACK	G	242	1.9	On runup area at apch end Rwy 24.

VOT TEST FACILITIES (VOT)

Facility Name (Airport Name)	Freq.	Type VOT Facility	Remarks
Laurence G. Hanscom	110.0	G	
Gen. Ed. Lawrence Logan Intl.	111.0	G	
Worcester Rgnl	108.2	G	

**NEW JERSEY
VOR RECEIVER CHECKPOINTS**

Facility Name (Arprt Name)	Freq./Ident	Type Check Pt. Gnd. AB/ALT	Azimuth from Fac. Mag	Dist. from Fac. N.M.	Checkpoint Description
Wrightstown (McGuire Fld (Joint Base McGuire DIX Lakehurst))	110.6/GXU	G	212	0.3	Rwy 06 runup pad.

**NEW YORK
VOR RECEIVER CHECKPOINTS**

Facility Name (Arprt Name)	Freq./Ident	Type Check Pt. Gnd. AB/ALT	Azimuth from Fac. Mag	Dist. from Fac. N.M.	Checkpoint Description
Kingston (Sky Acres)	117.6/IGN	A/2500	070	5.0	Over intersection of twy and Rwy 17-35.
Rochester (Frederick Douglass-Greater Rochester Intl)	110.0/ROC	G	098		On Twy T between ramp and Twy F.
Watertown (Watertown Intl)	109.8/ART	G	046	3.0	On ramp in front of administration building.

VOR TEST FACILITIES (VOT)

Facility Name (Airport Name)	Freq.	Type VOT Facility	Remarks
Albany Intl	108.2	G	VOT unusable north of Twy M.
New York (Long Island MacArthur).....	109.4	G	

VOR RECEIVER CHECKPOINTS and VOR TEST FACILITIES

PENNSYLVANIA

VOR RECEIVER CHECKPOINTS

Facility Name (Arpt Name)	Freq/Ident	Type Check Pt. Gnd. AB/ALT	Azimuth from Fac. Mag	Dist. from Fac. N.M.	Checkpoint Description
Lancaster (Lancaster)	117.3/LRP	G	306	0.5	North of Twy M on non-movement twy.

VOR TEST FACILITIES (VOT)

Facility Name (Airport Name)	Freq.	Type VOT Facility	Remarks
Harrisburg Intl	110.0	G	
Philadelphia Intl	109.8	G	Unusable west of Twy Y.

RHODE ISLAND

VOR TEST FACILITIES (VOT)

Facility Name (Airport Name)	Freq.	Type VOT Facility	Remarks
Providence (Theodore Francis Green State).....	108.2	G	

VERMONT

VOR TEST FACILITIES (VOT)

Facility Name (Airport Name)	Freq.	Type VOT Facility	Remarks
Patrick Leahy Burlington Intl	109.0	G	

VIRGINIA

VOR RECEIVER CHECKPOINTS

Facility Name (Arpt Name)	Freq/Ident	Type Check Pt. Gnd. AB/ALT	Azimuth from Fac. Mag	Dist. from Fac. N.M.	Checkpoint Description
Danville (Danville Rgnl)	113.1/DAN	G	352	0.4	On Twy A in front GA ramp.
Lynchburg (Lynchburg Rgnl-Preston Glenn Field)	109.2/LYH	G	027	5.0	West runup area adjacent to Rwy 22.
Norfolk (Norfolk Intl)	116.9/ORF	G	031	0.6	At center of Twy E 250' NW of centerline of Rwy 23.
Richmond (Richmond Intl)	114.1/RIC	G	344	0.9	On Twy R btwn Twy V and Twy A.

WEST VIRGINIA

VOR RECEIVER CHECKPOINTS

Facility Name (Arpt Name)	Freq/Ident	Type Check Pt. Gnd. AB/ALT	Azimuth from Fac. Mag	Dist. from Fac. N.M.	Checkpoint Description
Morgantown (Morgantown Muni-Walter L. Bill Hart Fld)	111.6/MGW	G	337	5.8	Intersection of Twys A and C. VOR ground receiver checkpoint OTS indef.
Parkersburg (Mid-Ohio Valley Rgnl)	108.6/JPU	G	211	6.3	Intersection of Twy A and Twy D.
Wheeling (Wheeling Ohio Co)	114.25/HLG	G	226		On Twy D next to ramp.

PARACHUTE JUMPING AREAS

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The following tabulation lists all reported parachute jumping areas in the area of coverage of this directory. Unless otherwise indicated, all activities are conducted during daylight hours and under VFR conditions. NOTAM D's may be issued to advise users of specific dates and times if outside the times /altitudes that are published. The busiest periods of activity are normally on weekends and holidays, but jumps can be expected at anytime during the week at the locations listed. Parachute jumping areas within restricted airspace are not listed.

All times are local and altitudes MSL unless otherwise specified.

Contact facility and frequency is listed at the end of the remarks, when available, in bold face type.

Refer to Federal Aviation Regulations Part 105 for required procedures relating to parachute jumping.

Organizations desiring listing of their jumping activities in this publication should contact Flight Service, tower, or ARTCC.

Qualified parachute jumping areas will be depicted on the appropriate visual chart(s).

Note: (c) in this publication indicates that the parachute jumping area is charted.

To qualify for charting, a jump area must meet the following criteria:

(1) Been in operation for at least 1 year.

(2) Log 1,000 or more jumps each year.

In addition, parachute jumping areas can be nominated by FAA Regions if special circumstances require charting.

LOCATION	DISTANCE AND RADIAL FROM NEAREST VOR/VORTAC OR GEOGRAPHIC COORDINATES	MAXIMUM ALTITUDE	REMARKS
CONNECTICUT			
(c) Danielson Arpt	8 NM; 211° Putnam	14,500	3 NM radius. Daily SR-SS.
(c) Ellington (Pvt) Arpt	17 NM; 025° Hartford	15,000	0.25 NM radius of Pea Stone target. Fri, Sat, Sun, and occasional weekdays.
Harwinton	25 NM; 300° Hartford	7,200	0700-SS weekends.
DELAWARE			
(c) Laurel (Pvt) Arpt	12 NM; 356° Salisbury	12,000	5 NM radius. Daily SR-SS.
MAINE			
(c) Biddeford Muni Arpt.....	6.6 NM; 086° Kennebunk	10,500	4 NM radius. SR-SS Mon-Fri, 1 May-31 Oct. Portland Intl Jetport ATCT-TRACON (PWM), 119.75.
(c) Lebanon Drop Zone.....	14 NM; 274° Kennebunk	18,000	3 NM radius. SR-SS daily. Boston Consolidated-TRACON (A90), 124.4.
Millinocket Muni Arpt.....	9.5 NM; 319° Millinocket	14,000 AGL	5 NM radius. Daily SR-SS.
(c) Waterville, Vacationland Drop Zone	13.8 NM; 40° Augusta	11,500 AGL	3 NM radius. Daily SR-SS.
MARYLAND			
(c) Churchville, Harford Co Arpt ...	39° 24.01N 76°12.15W	13,000	2 NM radius. Daily SR-SS. Potomac TRACON 125.525.
Edgewood	29 NM; 056° Baltimore	10,000	Weekends, evenings, occasional weekdays.
Gambrills, Dairy Farm Drop Zone	7 NM; 198° Baltimore	1,300 AGL	0.5 NM radius. Weekends-Nov-April.
Long Greene Drop Zone.....	21 NM; 038° Baltimore	10,000 AGL	0.5 NM radius. Weekends.
(c) Ocean City Muni Arpt	18 NM; 108° Salisbury	15,000	3 NM radius. 1 May-30 Nov continuous.
Patuxent River NAS (Trapnell Fld)	1.2 NM; 243° Patuxent	Unrestricted	0.25 NM radius. 1600-SS weekdays, 0800-SS Sat, Sun, holidays.
	0.7 NM; 303° Patuxent	Unrestricted	0.25 NM radius.
(c) Ridgely, Gooden Airpark Arpt..	22.7 NM; 235° Smyrna	10,500	5 NM radius.
Sumang Drop Zone	20.3 NM; 286° Baltimore	3,000 AGL	0.4 NM radius. Weekends.
Tewey Drop Zone.....	24 NM; 023° Baltimore	10,000 AGL	1 NM radius. Weekends.
Unity Drop Zone	20 NM; 292° Baltimore	3,000 AGL	0.4 NM radius. Weekends.

PARACHUTE JUMPING AREAS

LOCATION	DISTANCE AND RADIAL FROM NEAREST VOR/VORTAC OR GEOGRAPHIC COORDINATES	MAXIMUM ALTITUDE	REMARKS
MASSACHUSETTS			
(c) Ft. Devens, Turner Drop Zone	18 NM; 115° Gardner	4,000 AGL	0.5 NM radius. Daily SR-SS (occasionally nights) (occasionally to 20,000').
(c) Hanson, Cranland Arpt.....	21 NM; 177° Boston.....	9,500	2 NM radius. Daily SR-SS. General Edward Lawrence Logan Intl ATCT 120.6.
(c) Marston Mills	20 NM; 045° Marthas Vineyard....	10,000	1 NM radius. Daily 0700-SS.
Natick Laboratory Sudbury	21 NM; 295° Boston.....	4,000 AGL	0.25 NM radius. 0800-1700 Mon-Fri.
(c) Orange Muni Arpt	10 NM; 292° Gardner	14,000	1 NM radius. Thu-Sun and holidays. SR-one hr after SS. Boston Center 123.75.
(c) Pepperell, Sports Center (Pvt) Arpt.....	13 NM; 233° Manchester	20,000 AGL	3 NM radius. Daily SR-SS frequently ngt ops.
(c) Taunton Muni-King Fld Arpt	20.6 NM; 078° Providence	9,500	2 NM radius. Daily SR-SS May 1 - Dec 1. Theodore Francis Green State Twr 123.67.
NEW JERSEY			
(c) Chatsworth, Coyle Fld	1 NM; 130° Coyle.....	2,000 AGL	Continuous. Heavy equip and paratroopers.
(c) Cross Keys, Free Fall Adventures Drop Zone	10.5 NM; 353° Cedar Lake.....	13,500	1.5 NM radius. Daily.
(c) Lakehurst Maxfield Fld	0.9 NM; 280° Lakehurst.....	12,500	0.3 NM radius. Daily SR-SS. Cargo drops nghts 2000' and below.
Pittstown, Alexandria Arpt.....	12.7 NM; 281° Solberg	13,500 MSL	Daily SR-SS. Drop zone on north side of arpt. Lehigh Valley Intl Twr 124.0.
(c) Sussex	9 NM; 350° Sparta	15,000	1.5 NM radius. Daily 0700-SS.
(c) West Creek, Eagles Nest Arpt.....	17.69 NM; 055° Atlantic City	13,500	1.5 NM radius. Daily 0800-2000. Atlantic City Intl Twr 134.25.
Wrightstown, Mc Guire Fld.....	At field.....	1,500 AGL	Cargo and personnel drops 180 yds east of Coyle Vortac.

PARACHUTE JUMPING AREAS

LOCATION	DISTANCE AND RADIAL FROM NEAREST VOR/VORTAC OR GEOGRAPHIC COORDINATES	MAXIMUM ALTITUDE	REMARKS
NEW YORK			
(c) Albion, Pine Hill Arpt.....	26.91 NM; 290° Rochester.....	12,000	2 NM radius. 0800–1 hour after SS, Wed thru Sun & holidays.
(c) Calverton	1.5 NM; 150° Calverton.....	13,500	2 NM radius. Daily SR–SS.
(c) East Moriches, Spadaro Arpt...	7 NM; 170° Calverton.....	14,000	1 NM radius. 0800–SS Sat and Sun. 1600–SS Wed and other occasions.
Fort Drum.....	23 NM; 060° Watertown	1,000 AGL	1 NM radius. SR–SS Mon–Fri.
(c) Gansevoort, Heber Airpark	27.21 NM; 028.92° Albany	12,500	4 NM radius. Annually, April 1 thru November 30; SR–SS.
Gardiner Arpt	15 NM; 284° Kingston.....	14,500	4 NM radius. Daily SR–SS.
(c) Java	32.07 NM; 257° Geneseo	13,000	5 NM radius. Daily SR–SS, occasionally til 2400.
Johnstown, Fulton Co Arpt.....	27 NM; 315° Albany	15,000 AGL	3 NM radius. SR–SS Fri, Sat, Sun & holidays. Occasionally other days.
New Paltz, Stanton Arpt.....	15 NM; 301° Kingston.....	14,000	3 NM radius. Sat, Sun and holidays SR–SS, occasional nghts and other days.
(c) Ovid Arpt	42.8 NM; 113° Geneseo.....	13,500	2 NM radius. Daily 0600–2400.
(c) Perry-Warsaw Arpt.....	15.17 NM; 258° Geneseo.....	14,000	3 NM radius. Daily 0700–2100. Greater Rochester Intl Twr 123.7.
(c) Quaker Street, Apex Arpt	15 NM; 280° Albany	14,000	3 NM radius. Daily SR–2400.
Rhinebeck, Old Rhinebeck Arpt....	19 NM; 323° Pawling.....	4,900	2 NM radius. SR–SS Sat–Sun Jun 15–Oct 15.
(c) Shirley, Brookhaven Arpt, Sky Dive South Shore.....	7.3 NM; 218° Calverton	10,500	Daily 0600–1800. New York Tracon 118.0.
Stormville Arpt	13 NM; 215° Pawling.....	13,000	Daily SR–SS.
(c) Verona, Curtis Arpt	29.1 NM; 103° Syracuse	10,000	5 NM radius. Daily SR–SS Apr 1–Nov 30.
(c) Walkkill	25 NM; 062° Huguenot.....	14,500 AGL	1 NM radius. Daily 1200–0200.
(c) Weedsport, Whitfords Arpt.....	15.4 NM 263° Syracuse	11,500	
Westhampton Beach, Francis S Gabreski Arpt.....	10NM; 130° Calverton.....	13,000 AGL	1NM radius. Mon–Sun 0800–2300.
(c) West Point	22 NM; 112° Huguenot.....	10,000	5 NM radius. Weekdays 1200–SS, weekends occasionally.
	17.4 NM; 212° Kingston.....	10,000	3 NM radius. Weekdays 1400–SS weekends occasionally.
(c) Youngstown, Shear Arpt	43-15-33.5 N 78-57-56.2 W	15,000	5 NM radius. Daily, continuous. Buffalo Niagara Intl Twr 126.5. Local PAJA info avbl 119.00.

PARACHUTE JUMPING AREAS

LOCATION	DISTANCE AND RADIAL FROM NEAREST VOR/VORTAC OR GEOGRAPHIC COORDINATES	MAXIMUM ALTITUDE	REMARKS
PENNSYLVANIA			
Bethel, Grimes Arpt	16 NM; 112° Ravine	11,000	5 NM radius. Daily SR-SS.
(c) Burgettstown, Starveggi Drop Zone	9 NM; 042° Wheeling	2000 AGL	1 NM radius. Tue-Thur 1030-2200; occasionally (by notam) Fri-Sun 0700-1800.
(c) Chambersburg Franklin Co Rgnl Arpt	14NM; 087° St Thomas	15,000 AGL	2 NM radius. Daily SR-SS.
Culmerville Arpt	22 NM; 125° Ellwood City	11,500 AGL	Daily SR-SS.
Doylestown	8 NM; 303° Yardley	12,500	Sat and Sun SR-SS.
(c) Fort Indiantown Gap-Muir AAF, Cold Steel Drop Zone	6.7 NM; 172° Ravine	2,000 AGL	5 NM radius. By NOTAM only. Military use.
(c) Freefall Oz Arpt	39.6 NM; 115° Jamestown	12,500	5 NM radius. Wed-Sun 1300-2359.
(c) Grove City Arpt	19.3 NM; 011° Ellwood City	15,000	3 NM radius. Daily 0800-1900 EST, 0900-2230 EDT.
(c) Hazleton Rgnl Arpt	22.04 NM; 229° Wilkes-Barre	13,500	2 NM radius. SR-SS. Wilkes-Barre/Scranton Intl ATCT-Tracon (AVP), 120.95.
Jersey Shore, Hinaman Acres Arpt	23 NM; 240° Williamsport	13,000	Tue and Thur 1600-SS; Sat and Sun 0800-SS.
(c) Littlestown, Kingsdale Airpark.	13 NM; 345° Westminster	10,500	2 NM radius. Daily 0900-2000.
(c) Mt. Joy/Marietta, Donegal Springs Airpark	12 NM; 272° Lancaster	15,000	2 NM radius. Daily SR-SS.
North East, Moorhead Arpk.	34.25 NM; 278° Jamestown	12,500	5 NM radius. 1600-2100 weekdays and 0900-2100 weekends.
(c) Perkasio, Pennridge Arpt	16 NM; 060° Pottstown	15,000	Daily SR-SS.
	15.9 NM; 060° Pottstown	14,500	5 NM radius. Daily SR-SS, nights by NOTAM.
(c) Tunkhannock, Skyhaven Arpt..	19 NM; 333° Wilkes-Barre	13,500 AGL	5 NM radius. Daily SR-SS.
Vinyl Drop Zone	15 NM; 035° Morgantown	12,500 AGL	0.5 NM radius. Weekends.
RHODE ISLAND			
Greene, Riconn Arpt	15 NM; 060° Norwich	12,500	Daily SR-SS.
(c) Newport State	13.3 NM; 164° Providence	10,000	2 NM radius. Daily SR-SS Apr 1-Nov 30. Theodore Francis Green State Twr 125.75.
(c) Pawtucket, North Central State Arpt	12 NM; 001° Providence	13,000	3 NM radius. Daily SR-SS Mar 15 thru Dec 1. Theodore Francis Green State TRACON 123.67.
(c) Westerly State Arpt	11.3 NM; 098° Groton	10,000	2 NM radius. Daily SR-SS Apr 1 - Nov 30. Theodore Francis Green State Twr 119.45.
VERMONT			
(c) Addison, Ass-Pirin Acres Arpt.	21 NM; 219° Burlington	12,000	5 NM radius. Daily SR-SS.
Shelburne Arpt	3 NM; 240° Burlington	15,000	3 NM radius. Daily SR-SS.

PARACHUTE JUMPING AREAS

LOCATION	DISTANCE AND RADIAL FROM NEAREST VOR/VORTAC OR GEOGRAPHIC COORDINATES	MAXIMUM ALTITUDE	REMARKS
VIRGINIA			
(c) Blackstone, Allen C. Perkinson/ BAAF	16 NM; 355° Lawrenceville.....	12,500 AGL	1 NM radius. Daily.
Fentress, Fentress NALF	10 NM; 227° Oceana	10,000	Sat 1300-2100Z++, Sun 1700-2100Z++.
(c) Fort Lee	12 NM; 262° Hopewell.....	2,500 AGL	0.5 NM radius. Daily.
(c) Fort Pickett, Dove Drop Zone ..	19 NM; 009° Lawrenceville.....	12,500 AGL	Drop Zone 1500 yards by 1000 yards. Daily.
(c) Midland, Warrenton-Fauquier Airport, DC Skydiving Center	7.99 NM; 120° Casanova	10,000	5 NM radius. 5NM radius around the Warrenton-Fauquier Airport. Daily operations SFC-10000 ft.
Moneta, Smith Mountain Lake Arpt	19.2 NM; 246° Lynchburg.....	13,500	3 NM radius. SR-SS Fri, Sat, Sun, and holidays.
(c) New Market Arpt, New Market/Blue Ridge Sport	26 NM; 249° Linden	17,500	0800 until dark.
(c) Norfolk Intl Arpt.....	8.5 NM; 085° Norfolk.....	13,000	2 NM radius. Mon-Fri during daylight hrs.
Oceana NAS.....	1 NM; 228° Oceana	12,500	Sat and Sun 0800-1200.
(c) Orange Co Arpt.....	14.9 NM; 026° Gordonsville.....	15,000	3 NM radius. Daily SR-SS, frequently ngt ops.
(c) Petersburg, Dinwiddie Co Drop Zone	20.7 NM; 251° Hopewell.....	13,500	2 NM radius. Daily SR-SS. Potomac Tracon 126.8.
(c) Quantico	11.5 NM; 349° Brooke	10,000	1 NM radius. Unscheduled weekends.
(c) Suffolk Executive Arpt	20 NM; 104° Franklin	13,500	5 NM radius. Daily SR-SS.
Warrenton, Flying Circus Aerodrome.....	8.5 NM; 132° Casanova	7,000	Sat-Sun, June 7-Oct 25, 1000-1959.
(c) Warrenton, Warrenton Air Park	3.8 NM; 088° Casanova	14,500	2 NM radius. Daily SR-SS.
(c) West Point, Middle Peninsula Rgnl	5 NM; 340° Harcum.....	14,000	4.4 NM radius. SR-SS weekends and holidays.
WEST VIRGINIA			
Buckhannon-Upshur Co.....	9 NM; 300° Elkins	15,000	1 NM radius. Weekdays and holidays.
Huntington, Debra Drop Zone	23.3NM; 344° Charleston.....	10,000 AGL	0.5 NM radius. Weekends.
Huntington, Leann Drop Zone	27 NM; 304° Charleston.....	10,000 AGL	0.3 NM radius. Weekends.
(c) Huntington, Robert Newlon Fld.....	26.4 NM; 287° Charleston.....	13,050	0 NM radius Daily SR- 1 hr after SS. Tri-State/Milton J Ferguson Fld Twr 119.75.
Morgantown, Bacon Drop Zone	5 NM; 150° Morgantown	10,000 AGL	0.5 NM radius. Weekends.
Morgantown, Cider Drop Zone.....	17 NM; 180° Morgantown	12,500 AGL	0.3 NM radius. Weekends.
Morgantown, Dawson AAF.....	12 NM; 126° Morgantown	10,000 AGL	0.3 NM radius. Weekends.
Morgantown, Doubt Drop Zone	12 NM; 140° Morgantown	10,000 AGL	1 NM radius. Weekends.
Morgantown, Float Drop Zone	13 NM; 110° Morgantown	12,500 AGL	0.5 NM radius. Weekends.
Morgantown, Guide Drop Zone.....	13 NM; 080° Morgantown	12,500 AGL	0.5 NM radius. Weekends.
Morgantown, Melon Drop Zone	13 NM; 097° Morgantown	12,500 AGL	0.5 NM radius. Weekends.
Morgantown, Piker Drop Zone.....	20 NM; 135° Morgantown	12,500 AGL	0.3 NM radius. Weekends.
Ravenswood, Jackson Co Arpt.....	41 NM; 215°Parkersburg.....	12,500 AGL	41 NM radius. 1000-SS Weekends.
Westover, Blue Horizon Drive-In..	13 NM; 320° Morgantown	12,500	Weekends and holidays SR-SS.

Contained within this tabulation, and listed alphabetically by airport name, are all private-use airports charted on the U.S. IFR Enroute Low and High Altitude charts in the United States, having terminal approach and departure control facilities. Additionally, listed by country, are all Canadian and Mexican airports that appear on the U.S. IFR Enroute charts with approach and departure control services. All frequencies transmit and receive unless otherwise noted. Radials defining sectors are outbound from the facility.

UNITED STATES

FACILITY NAME	CHART & PANEL
Cabaniss Fld NOLF, TX (NGW) Corpus App/Dep Con 125.4 307.9 Navy Cabaniss Tower 119.65 299.6 (Mon–Thu 1400–0500Z‡, Fri 1400–0100Z‡)	L–20H, 21A
Fentress NALF, VA (NFE) Oceana App/Dep Con 123.9 266.8	H–10I, 12I, L–35D
Fry, OH (Ø0H8) Columbus App/Dep Con 118.425	L–27E
Gila Bend AF AUX, AZ (GXF) Luke App/Dep Con 125.45 263.125 (South) (Mon–Thu 1300–0530Z, Fri 1300–0130Z, clsd weekends and hol)	H–4J, L–5B
Glasgow Industrial, MT (Ø7MT) Salt Lake Center App/Dep Con 126.85 305.2	H–1E, 2G, L–13D
Joe Williams NOLF, MS (NJW) Meridian App/Dep Con 276.4 Bravo Tower 118.475 279.2 355.8 (Mon–Fri 1400–2330Z‡)	H–6J, L–18G
Oak Grove MCOLF, NC (13NC) Cherry Point App/Dep Con 119.35 377.175	L–35B
Shell AHP, AL (SXS) Cairns App/Dep Con 133.45 239.275 (24 hrs Tue–Sat, 1200–0500Z‡ Sun–Mon) other times ctc Jax Center App/Dep Con 134.3 322.55 Shell Tower 139.125 244.5 (1230–0600Z‡ Mon–Fri, exc hol)	L–22I
USAF Academy Bullseye Aux Airfield, CO (CO9Ø) ASOS 125.0	L–10F
Webster NOLF, MD (NUI) Patuxent App/Dep Con 121.0 250.3 Navy Webster Tower 127.0 358.0 (Mon–Fri, exc hol, other times on request, 1400–2200Z‡ or SS, whichever occurs first) For Clnc Del when NHK Apch is clsd ctc Potomac Apch at 866–640–4124	H–10I, 12I, L–34E, 36I
Whitehouse NOLF, FL (NEN) Jax Center App Con 127.775 377.075 Jax Center Dep Con 127.775 379.9 Whitehouse Tower 125.15 307.325 340.2 (Manned during scheduled operations only)	H–8H, L–21D, 24G
William P Gwinn, FL (Ø6FA) Palm Beach App/Dep Con 317.4 Gwinn Tower 120.4 279.25 (Mon–Fri 1300–2100Z‡) Gnd Con 121.65 279.25	H–8I, L–23C

CANADA

FACILITY NAME	CHART & PANEL
Abbotsford, BC (CYXX) ATIS 119.8 (1500–0700Z‡) Victoria Trml App/Dep Con 132.7 (Avbl on ground) Tower 119.4 (Inner) 121.0 (Outer) 295.0 (1500–0700Z‡) Gnd Con 121.8 MF 119.4 295.0 (0700–1500Z‡) (Shape irregular to 4500´)	H–1B, L–12F
Amos/Magny, QC (CYEY) Montreal Center App/Dep Con 125.9	H–11B
Atikokan Muni, ON (CYIB) MF 122.3 (5 NM to 4500´ No ground station)	L–14I
Barrie–Orillia (Lake Simcoe Rgnl), ON (CYLS) Toronto Center App/Dep Con 124.025	H–11B, L–31D
Bar River, ON (CPF2) Toronto Center App/Dep Con 132.65	L–31C
Bathurst, NB (CZBF) Moncton Center App/Dep Con 134.25 AWOS 127.925	L–32J
Boundary Bay, BC (CZBB) ATIS 125.5 (1500–0700Z‡) Vancouver App/Dep Con 132.3 363.8 Tower 118.1 (Inner) 127.6 (Outer) (1500–0700Z‡) Gnd Con 124.3 MF 118.1 (0700–1500Z‡ to 2000´. Vancouver Trml 125.2 above 2000´. Shape irregular to 2500´.)	H–1B, L–1E
Brampton, ON (CNC3) Toronto Trml App/Dep Con 119.3	L–31D
Brandon Muni, MB (CYBR) Winnipeg Center App/Dep Con 132.25 MF 122.1 (5 NM to 4000´)	H–2H

CANADA

FACILITY NAME	CHART & PANEL
Brantford, ON (CYFD) Toronto Trml App/Dep Con 128.27	L-31D
Brockville Rgnl Tackaberry ON (CNL3) Montreal Center App/Dep Con 134.675	L-32G
Bromont, QC (CZBM) Montreal Center App/Dep Con 132.35 MF 122.15 (5 NM to 3400') AUTO 122.975	L-32G
Burlington Executive, ON (CZBA) Toronto Center App/Dep Con 119.3 AUTO 122.55	L-31D
Castlegar/West Kootenay Rgnl, BC (CYCG) Vancouver Center App/Dep Con 134.2 227.3 MF 122.1 (5 NM to 6500')	H-1C
Centralia/James T. Fld Muni, ON (CYCE) Toronto Center App/Dep Con 135.30	H-10G, 11B, L-31D
Charlottetown, PE (CYYG) Moncton Center App/Dep Con 135.65 384.8 MF 118.0 (5 NM to 3200')	H-11E, L-32J
Chatham-Kent, ON (CYCK) Cleveland Center App/Dep Con 132.25	H-10G, L-30G
Collingwood, ON (CNY3) Toronto Center App/Dep Con 124.02	H-11B, L-31D
Cornwall Rgnl, ON (CYCC) Boston Center App/Dep Con 135.25 377.1	L-32G
Cranbrook/Canadian Rockies Intl, BC (CYXC) Vancouver Center App/Dep Con 133.6 MF 122.3 (5 NM to 6100')	H-1C
Debert, NS (CCQ3) Halifax Trml App/Dep Con 119.2 AUTO 122.275	H-11E, L-32J
Digby, NS (CYID) Moncton Center App/Dep Con 123.9	L-32J
Downsview, ON (CZVD) Toronto Center App/Dep Con 133.4 MF 126.2 (1300-2300Z†, 3 NM to 1700')	H-11B, L-31E
Drummondville, QC (CSC3) Montreal Center App/Dep Con 132.35	L-32H
Earlton (Timiskaming Rgnl), ON (CYXR) MF 122.0 (5 NM to 3800')	H-11B
Elliot Lake Muni, ON (CYEL) Toronto Center App/Dep Con 135.4	L-31C
Fort Frances Muni, ON (CYAG) Minneapolis Center App/Dep Con 120.9	L-14H
Fredericton Intl, NB (CYFC) ATIS 127.55 (1045-0345Z†, OT AWOS) Moncton Center App/Dep Con 124.3 135.5 270.8 Tower 119.0 (1045-0345Z†) Gnd Con 121.7 (1045-0345Z†) MF 119.0 (0345-1045Z†, 5 NM to 3500')	H-11E, L-32I
Goderich, ON (CYGD) Toronto Center App/Dep 135.3 266.3	H-11B, L-31D
Greenwood, NS (CZVX) ATIS 128.85 244.3 (1100-0000Z†) App/Dep Con 120.6 335.9 Tower 119.5 236.6 324.3 Gnd Con 133.75 289.4 Clnc Del 128.025 283.9	H-11E, L-32J
Grimsby Air Park, ON (CNZB) Toronto Trml App/Dep Con 128.27 268.75 Tower 125.0 308.475	L-31E
Halifax/Shearwater, NS (CYAW) ATIS 129.175 308.8 (Ltd hrs) App/Dep Con 119.2 MF Shearwater Advisory 119.0 126.2 340.2 360.2 (Ltd hrs) Gnd Con 121.7 250.1	H-11E, L-32J
Halifax/Stanfield Intl, NS (CYHZ) ATIS 121.0 Moncton Center App/Dep Con 135.3 Tower 118.4 236.6 Gnd Con 121.9 275.8 Clnc Del 123.95	H-11E, L-32J
Hamilton, ON (CYHM) ATIS 128.1 Toronto Trml App/Dep Con 119.7 Tower 125.0 Gnd Con 121.6	H-10H, 11B, L-11B
Kingston, ON (CYGK) ATIS 135.55 (1115-0400Z†) Montreal Center App/Dep Con 135.05 (0400-1115Z†) MF 122.5 (1115-0400Z† 5 NM to 3300')	H-11C, L-31E, 32F

CANADA

FACILITY NAME	CHART & PANEL
Kitchener/Waterloo, ON (CYKF) ATIS 125.1 (1200-0400Z‡) Toronto Trml App/Dep Con 128.275 Waterloo Tower 126.0 118.55 (1200-0400Z‡) Gnd Con 121.8 MF 126.0 (0400-1200Z‡ 5 NM to 4000') AWOS 125.1 (0400-1200Z‡)	H-11B, L-31D
Lachute, QC (CSE4) Montreal Center App Con 124.65 268.3 Montreal Center Dep Con 132.85 268.3	L-32G
La Tuque, QC (CYLQ) Montreal Center App/Dep Con 134.5 AUTO 122.975	H-11C
Langley, BC (CYNJ) ATIS 124.5 (1630-0230Z, DT 1530-0330Z) Victoria Trml App/Dep Con 132.7 290.8 Tower 119.0 (1630-0230Z, DT 1530-0330Z) Gnd Con 121.9 MF 119.0 (0230-1630Z, DT 0330-1530Z 3 NM to 1900')	L-1E
Leamington, ON (CLM2) Detroit Approach App/Dep Con 134.3	L-30F
Lethbridge, AB (CYQL) ATIS 124.4 (1245-0545Z‡) Edmonton Center App/Dep Con 132.75 265.2 MF 121.0 (5 NM to 6000')	H-1D
Lindsay, ON (CNF4) Toronto Center App/Dep 134.25	L-31E, L-32F
Liverpool/South Shore Rgnl, NS (CYAU) Moncton Center App/Dep Con 123.9	L-32J
London, ON (CYXU) ATIS 127.8 (1120-0345Z‡) Toronto Center App/Dep 135.3 135.625 Tower 119.4 125.65 (1120-0345Z‡) Gnd Con 121.9 MF 119.4 (0345-1120Z‡ 5 NM to 3000')	H-10G, 11B, L-30G, 31D
Manitowaning/Manitoulin East Muni, ON (CYEM) Toronto Center App/Dep 135.4 260.9	L-31C
Maniwaki, QC (CYMW) Montreal Center App/Dep Con 126.57	L-32G
Mascouche, QC (CSK3) MF 122.35 (5 NM to 2500'. No gnd station. Excluding the portion S of the N shore of Riviere des Milles-Iles and 1 NM around Lac Agile Mascouche arpt.)	L-32G
Medicine Hat, AB (CYXH) ATIS 124.875 (1245-0345Z) MF 122.2 (1245-0345Z 5 NM to 5400')	H-1D
Midland/Huron, ON (CYEE) Toronto Center App/Dep 124.025	L-31D
Miramichi, NB (CYCH) Moncton Center App/Dep Con 123.7	H-11E, L-32J
Moncton/Greater Moncton Intl, NB (CYQM) ATIS 128.65 App/Dep 124.4 Tower 120.8 236.6 Gnd Con 121.8 275.8 Apron Advisory 122.075	H-11E, L-32J
Mont-Laurier, QC (CSD4) Montreal Center App/Dep Con 126.57	L-32G
Montreal Intl (Mirabel), QC (CYMX) ATIS 125.7 Montreal Center App/Dep Con 124.65 268.3 MF 119.1 (7 NM shape irregular to 2000') (03-11Z (DT 02-10Z)) (emerg only 450-476-3141) VFR Advisory 134.15 GND 121.8 (11-03Z (DT 10-02Z)) TWR 119.1 (11-03Z (DT 10-02Z)) (emerg only 450-476-3141) GND Advisory 121.8 (03-11Z (DT 02-10Z)) (emerg only 450-476-3141) (PTC avbl)	H-11C, 12K, L-32G
Montreal/Pierre Elliott Trudeau Intl, QC (CYUL) ATIS 133.7 Montreal Trml App Con 118.9 126.9 132.85 268.3 Tower 119.3 119.9 124.3 (old port) 267.1 Gnd Con 121.0 (West) 121.9 (East) 275.8 Clnc Del 125.6 Apron 122.275 (West) 122.075 (East) Montreal Trml Dep Con 120.42 (SE-S-SW) 124.65 (W-NW-NE) 268.3 VFR Advisory 134.15	H-11C, 12K, L-32G

CANADA

FACILITY NAME	CHART & PANEL
Montreal/St-Hubert, QC (CYHU) ATIS 124.9 (Apr-Oct Mon-Fri 1045-0500Z‡, Apr-Oct Sat-Sun 1045-0300Z‡, Nov-Mar Mon-Fri 1045-0400Z‡, Nov-Mar Sat-Sun 1045-0100Z‡) Montreal Center App/Dep Con 125.15 268.3 St. Hubert Tower 118.4 (VFR Arr North) 121.3 (VFR Arr South and East) (Apr-Oct Mon-Fri 1045-0500Z‡, Apr-Oct Sat-Sun 1045-0300Z‡, Nov-Mar Mon-Fri 1045-0400Z‡, Nov-Mar Sat-Sun 1045-0100Z‡) Gnd Con 126.4 (Apr-Oct Mon-Fri 1045-0500Z‡, Apr-Oct Sat-Sun 1045-0300Z‡, Nov-Mar Mon-Fri 1045-0400Z‡, Nov-Mar Sat-Sun 1045-0100Z‡) MF 118.4 (Apr-Oct Tues-Sat 0500-1045Z‡, Apr-Oct Sun-Mon 0300-1045Z‡, Nov-Mar Tues-Sat 0400-1045Z‡, Nov-Mar Sun-Mon 0100-1045Z‡) 5 NM shape irregular to 2000` VFR Advisory 134.15 MIL 135.9 322.1 (438 Sqn Ops)	H-11C, L-32G
Muskoka, ON (CYQA) Timmins Radio App/Dep Con 122.3 MF 122.3 (5 NM to 3900`)	H-11B, L-31D
Nanaimo, BC (CYCD) ATIS 128.425 (1-877-517-2847)(1400-0500Z) Victoria Trml App/Dep 120.8 121.075 252.3 MF 122.1 291.8 1330-0530Z‡ (5 NM to 2500`) GND ADV 122.6 (1330-0530Z (DT 1230-0430Z)) (emerg only 250-245-4032) (PTC avbl)	H-1B, L-1E
North Bay, ON (CYYB) ATIS 124.9 (1130-0330Z‡) Toronto Center App/Dep 127.25 MF 118.3 (1130-0330Z‡ 7 NM to 5000`)	L-31E
Oshawa, ON (CYYO) ATIS 125.675 (1130-0330Z‡) Toronto Trml App/Dep Con 133.4 Tower 120.1 (1130-0330Z‡) Gnd Con 118.4 MF 120.1 (0330-1130Z‡ 5 NM to 3000`)	L-31E
Ottawa/Carp, ON (CYRP) ATIS 121.15 Ottawa Trml App/Dep Con 127.7	L-31E, 32F
Ottawa/Gatineau, QC (CYND) Ottawa Trml App/Dep Con 127.7 128.175 MF 122.3 (5 NM shape irregular to 2500) VFR Advisory Ottawa Trml 127.7 GND ADV 122.6 1130-0215Z (DT 1030-0115Z) (emerg only 819-643-2961)	H-11C, L-32G
Ottawa/MacDonald-Cartier Intl, ON (COWW) ATIS 121.15 Ottawa App Con 135.15 Tower 118.8 (VFR South) 120.1 (VFR North) 118.8 341.3 Gnd Con 121.9 Cinc Del 119.4 Ottawa Dep Con 128.175	L-11C
Owen Sound/Billy Bishop Rgnl, ON (CYOS) Toronto Center App/Dep 132.575 290.6	L-31D
Pelee Island, ON (CYPT) Cleveland Center App/Dep Con 126.35 360.0	L-30F
Pembroke, ON (CYTA) Montreal Center App/Dep Con 135.2 Petawawa Advisory 126.4 250.1 (Mon-Fri 1300-2130Z‡, OT PPR)	H-11C, L-31E, 32F
Penticton, BC (CYYF) Vancouver Center App/Dep Con 133.5 351.3 MF 118.5 (5 NM to 4100) GND ADV 121.9 (emerg only 250-492-3001)	H-1B
Peterborough, ON (CYPQ) Toronto Center App/Dep 134.25 MF 123.0 (5 NM to 3600`)	H-11B, L-31E, 32F
Pincher Creek, AB (CZPC) Edmonton Center App/Dep Con 132.75 265.2	H-1D
Pitt Meadows, BC (CYPK) ATIS 125.0 (1500-0700Z‡) Vancouver Center App Con 128.6 (Outer) 352.7 Pitt Tower 126.3 (1500-0700Z‡) Gnd Con 123.8 Vancouver Center Dep Con 132.3 (South) 363.8 MF 126.3 (0700-1500Z‡) (3NM to 2500)	L-1E
Quebec/Jean Lesage Intl, QC (CYQB) ATIS 134.6 Montreal Center App/Dep Con 124.0 127.85 135.025 270.9 322.8 Tower 118.65 236.6 Gnd Con 121.9 250.0	H-11D, L-32H
Riviere Du Loup, QC (CYRI) Montreal Center App/Dep Con 125.1 299.6	H-11D
Rouyn Noranda, QC (CYUY) Montreal Center App/Dep Con 125.9 MF 122.2 (5 NM to 4000`)	H-11B

CANADA

FACILITY NAME	CHART & PANEL
Saint John, NB (CYSJ) Moncton Center App/Dep Con 124.3 135.5 270.8 MF 118.5 (5 NM to 3400')	H-11E, L-32J
Sarnia (Chris Hadfield), ON (CYZR) Toronto Center App/Dep Con 134.375	H-10G, 11B, L-30F
Sault Ste Marie, ON (CYAM) ATIS 133.05 (1130-0330Z†) Toronto Center App/Dep Con 132.65 344.5 Tower 118.8 (1130-0330Z†) Gnd Con 121.7 (1130-0330Z†) MF 118.8 (0330-1130Z† 5 NM irregular shape to 3000')	H-2K, L-31B
Sherbrooke, QC (CYSC) Montreal Center App/Dep Con 132.55 MF 123.5 (Ltd hrs 5 NM to 3800')	H-11D, L-32H
South Renfrew Muni, ON (CNP3) Montreal Center App/Dep 124.275	L-31E, 32F
Southport, MB (CYPG) ATIS 120.85 (Mon-Fri 1400-2300Z† except holidays) Tower 126.2 384.2 (Mon-Fri 1400-2300Z† except holidays) Gnd Con 121.7 275.8	H-2H
Springwater Barrie Airpark, ON (CNA3) Toronto Center App/Dep Con 124.025	L-31D
St. Catharines/Niagara District, ON (CYSN) ATIS 128.525 (1215-0200Z†) Toronto Trml App/Dep Con 133.4 MF 123.25 (1215-0200Z† 5 NM to 3300')	H-10H, 11B, L-31E
St. Frederic, QC (CSZ4) Montreal Center App/Dep Con 135.025 270.9	L-32H
St. Georges, QC (CYSG) Montreal Center App/Dep Con 132.35 MF 122.15 (5 NM 3900' ASL)	H-32H, L-11D
St. Jean, QC (CYJN) Montreal Center App/Dep Con 125.15 268.3 Tower 118.2 (Apr-Oct 1230-0230Z† Nov-Mar 1300-0200Z†) Gnd Con 121.7	L-32G
Sudbury, ON (CYSB) ATIS 127.4 Toronto Center App/Dep Con 135.5 MF 125.5 (7 NM to 4000') Clnc Del 121.8 (PTC avbl)	H-31B, 10G, L-31D
Summerside, PE (CYSU) Moncton Center App/Dep Con 124.4 384.8	H-11E, L-32J
Thunder Bay, ON (CYQT) ATIS 128.8 Winnipeg Center App/Dep Con 132.125 Tower 118.1 (1100-0400Z†) Gnd Con 121.9 (1100-0400Z†) App/Dep 119.2 MF 118.1 (0400-1100Z† 5 NM to 4000')	H-2J, L-14J
Timmins/Victor M. Power, ON (CYTS) ATIS 124.95 Toronto Center App/Dep Con 128.3 MF 122.3 (5 NM to 4000')	H-11B
Toronto/Buttonville Muni, ON (CYKZ) Toronto Trml App/Dep Con 133.4 MF 124.8 (No gnd station. 5 NM shape irregular 2000 ASL)	L-31E
Toronto/Billy Bishop Toronto City Airport, ON (CYTZ) ATIS 133.6 (1130-0400Z†) App/Dep Con 133.4 Tower 118.2 119.2 (1130-0400Z†) Gnd Con 121.7 (1130-0400Z†)	L-31E
Toronto/Lester B Pearson Intl, ON (CYYZ) ATIS 120.825 133.1 App Con 132.8 124.475 125.4 Dep Con 127.575 128.8 Tower 118.35 118.7 Gnd Con 121.9 121.65 119.1 Clnc Del 121.3 (1200-0400Z†) A-CDM Coordinator 122.875 (122.825) Apron Tow Coordinator 136.525	H-11B, L-31D
Trenton, ON (CYTR) ATIS 135.45 257.7 App/Dep Con 128.4 324.3 Tower 128.7 236.6 Gnd Con 121.9 275.8 Clnc Del 124.35 286.4	H-11C, L-31E, 32F
Trenton/Mountain View, ON (CPZ3) Trenton Mil Advisory 268.0 or 122.35	H-11C, L-31E, 32F
Trois-Rivieres, QC (CYRQ) Montreal Center App/Dep Con 128.225 MF 122.35 (5 NM to 3200')	H-11C, L-32H
Val-D'or, QC (CYVO) Montreal Center App/Dep Con 125.9 308.3 MF 118.5 (1030-0325Z† 5 NM to 4000')	H-11B

CANADA

FACILITY NAME	CHART & PANEL
Vancouver Intl, BC (CYVR) ATIS 124.6 App Con 128.6 128.17 (Outer) 133.1 134.225 (Inner) 352.7 Dep Con 126.125 (north) 132.3 (south) 363.8 Tower 118.7 (south) 119.55 (north) VFR 124.0 125.65 226.5 236.6 Gnd Con 121.7 (south) 127.15 (north) 275.8 Cinc Del 121.4	H-1B, L-1E
Victoria Intl, BC (CYYJ) ATIS 118.8 (0800-1400Z†) App Con 125.45 Dep Con 125.95 Tower 119.1 (Outer) 119.7 (Inner) 239.6 Gnd Con 121.9 361.4 (1400-0800Z† OT ctc Kamloops 119.7) Cinc Del 126.4 (1400-0800Z†)	H-1B, L-1E
Victoriaville, QC (CSR3) Montreal Center App Con 132.35 AUTO 122.17 (bil)	L-32H
Waterville/Kings Co Muni, NS (CCW3) Greenwood Trml App/Dep Con 120.6 335.9 Greenwood Tower 119.5 324.3	L-32J
Warton, ON (CYVV) Toronto Center App/Dep Con 132.575 MF 122.2 (5 NM to 3700 ')	H-11B, L-31D
Windsor, ON (CYQG) ATIS 134.5 (1200-0300Z†) Detroit App/Dep Con 118.95 132.35 134.3 284.0 Tower 124.7 (1200-0300Z†) Gnd Con 121.7 (1200-0300Z†) MF 124.7 (0300-1200Z† 6 NM irregular shape to below 3000') VFR Advisory Detroit App Con 134.3 AWOS 134.5 (0300-1200Z†)	H-10G, L-8J
Yarmouth, NS (CYQI) Moncton Center App/Dep Con 123.9 368.5 MF 123.0 (5 NM to 3100')	H-11E, L-32I

MEXICO

FACILITY NAME	CHART & PANEL
Chihuahua Intl/General R Fierro Villalobos Intl (MMCU) ATIS 127.9 Chihuahua App Con 121.0 Chihuahua Tower 118.4	L-6I
Ciudad Juarez Intl/Abraham Gonzalez Intl (MMCS/CJS) Juarez App Con 119.9 Juarez Tower 118.9	H-4L, L-6F
Del Norte Intl (MMAN) ATIS 127.55 (1300-0300Z†) Monterrey App 119.75 120.4 Tower 118.6 Gnd 122.0	H-7B, L-20G
Durango Intl (MMDO/DGO) ATIS 132.1 Tower 118.1 Durango Info 122.3	H-7A
Matamoros Intl/General Servando Canales Intl (MMMA) Matamoros App Con 118.0 Matamoros Tower 118.0	H-7C, L-21A
Mexicali Intl/General Rodolfo Sanchez Taboada Intl (MMML) ATIS 127.6 (1400-0200Z†) Mexicali App Con 118.2 Mexicali Tower 118.2 Mexicali Info 123.9 122.3	H-4I, L-4J, 5A
Monterrey Intl/General Mariano Escobedo Intl (MMMY) Monterrey ATIS 127.7 Monterrey App Con 119.75 120.4 Monterrey Dep Con 119.75 Monterrey Tower 118.1 Monterrey Gnd 121.9 Monterrey Cinc Del 123.75 (1200-0400Z†) Monterrey Info 122.45	H-7B, L-20G
Nuevo Laredo/Quetzalcoatl (MMNL/NLD) Nuevo Laredo App Con 118.3 Nuevo Laredo Tower 118.3	H-7B, L-20G
Reynosa Intl/General Lucio Blanco Intl (MMRX) Reynosa App Con 127.2 Reynosa Tower 118.8	H-7B, L-20H
Saltillo Intl/Plan De Guadalupe Intl (MMIO/SLW) Saltillo App Con 127.4 Saltillo Tower 118.4	H-7B
Tijuana Intl/General Abelardo L Rodriguez Intl (MMTJ) ATIS 127.9 Tijuana App Con 119.5 120.3 Tijuana Tower 118.1 Tijuana Cinc Del 122.35 Tijuana Info 132.1	H-4I, L-4H
Torreon Intl (MMTC) App Con 119.6 Tower 118.5 Info 122.3	H-7A

PREFERRED IFR ROUTES
PREFERRED IFR ROUTES

A system of preferred routes has been established to guide pilots in planning their route of flight, to minimize route changes during the operational phase of flight, and to aid in the efficient orderly management of the air traffic using federal airways. The preferred IFR routes which follow are designed to serve the needs of airspace users and to provide for a systematic flow of air traffic in the major terminal and en route flight environments. Cooperation by all pilots in filing preferred routes will result in fewer traffic delays and will better provide for efficient departure, en route and arrival air traffic service.

The following lists contain preferred IFR routes for the low altitude stratum and the high altitude stratum. The high altitude list is in two sections; the first section showing terminal to terminal routes and the second section showing preferred direction route segments. Also, on some high altitude routes low altitude airways are included as transition routes.

The following will explain the terms/abbreviations used in the listing:

1. Preferred routes beginning/ending with an airway number indicate that the airway essentially overlies the airport and flight are normally cleared directly on the airway.
2. Preferred IFR routes beginning/ending with a fix indicate that aircraft may be routed to/from these fixes via a Standard Instrument Departure (SID) route, radar vectors (RV), or a Standard Terminal Arrival Route (STAR).
3. Preferred IFR routes for major terminals selected are listed alphabetically under the name of the departure airport. Where several airports are in proximity they are listed under the principal airport and categorized as a metropolitan area; e.g., New York Metro Area.
4. Preferred IFR routes used in one direction only for selected segments, irrespective of point of departure or destination, are listed numerically showing the segment fixes and the direction and times effective.
5. Where more than one route is listed the routes have equal priority for use.
6. Official location identifiers are used in the route description for VOR/VORTAC nav aids.
7. Intersection names are spelled out.
8. Navaid and distance fixes (e.g., ARD201113) have been used in the route description in an expediency and intersection names will be assigned as soon as routine processing can be accomplished. Navaid radial (no distance stated) may be used to describe a route to intercept a specified airway (e.g., MIV MIV101 V39); another navaid radial (e.g., UIM UIM255 GSW081); or an intersection (e.g., GSW081 FITCH).
9. Where two nav aids, an intersection and a navaid, a navaid and a navaid radial and distance point, or any navigable combination of these route descriptions follow in succession, the route is direct.
10. The effective times for the routes are in UTC. During periods of daylight saving time effective times will be one hour earlier than indicated. All states observe daylight saving time except Arizona, Puerto Rico and the Virgin Islands. Pilots planning flight between the terminals or route segments listed should file for the appropriate preferred IFR route.
11. (90–170 incl) altitude flight level assignment in hundred of feet.
12. The notations “pressurized” and “unpressurized” for certain low altitude preferred routes to Kennedy Airport indicate the preferred route based on aircraft performance.
13. All Preferred IFR Routes are in effect continuously unless otherwise noted.
14. Use current SIDs and STARs for flight planning.
15. For high altitude routes, the portion of the routes contained in brackets [] is suggested but optional. The portion of the route outside the brackets will likely be required by the facilities involved.

LOW ALTITUDE

Terminals	Route	Effective Times (UTC)
ALBANY(ALB)		
BOSTON(BOS)	(60–170)ALB PONCT JFUND (RNAV)–STAR.....	1100–0300
NEW YORK(JFK)	(60–170 INCL, NON–JET)V44 DPK	1100–0300
NEW YORK(LGA).....	(110–170 INCL, 250 KTS OR MORE)IGN V157 HAARP or (70–170 INCL, LESS THAN 250 KTS)V123.....	1100–0300 1100–0300
NEWARK(EWR)	or (70–170; TURBOJET)ALB V213 FLOSI FLOSI (RNAV)–STAR.....	1100–0300 1100–0300
PHILADELPHIA(PHL).....	(70–170; TURBOJET)ALB CEDOR DNY SLATT–STAR or CEDOR DNY LAAYK WLKES T455 FJC PTW	1100–0300 1100–0300
PHILADELPHIA(PNE).....	or (90–170; TURBOJETS ONLY. GPS OR DME/DME OR IRU EQUIPPED)CEDOR DNY LAAYK LVZ V29 ETX T430 TROXL ARD.....	1100–0300 1100–0300
TRENTON(TTN)	(90–170; TURBOJETS ONLY. GPS OR DME/DME OR IRU EQUIPPED)CEDOR DNY LAAYK LVZ V29 ETX T430 TROXL ARD..... or CEDOR DNY LAAYK WLKES T455 FJC ARD	1100–0300 1100–0300

PREFERRED IFR ROUTES

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Terminals	Route	Effective Times (UTC)
BALTIMORE(BWI)		
ALBANY(ALB)	VINNY V93 LRP T449 CFB V270 DNY	1100-0400
BINGHAMTON(BGM)	VINNY V93 LRP T449 CFB	1100-0300
BOSTON(BOS)	(90-170 INCL. PROPS)PALEO-DP SIE AVALO T320 YANTC T224 WOONS.	1100-0300
CHARLOTTESVILLE(CHO)	(BLO 110)V44 MRB V143 CEROL	1100-0300
DXR,HPN	(AOA 7000; TWIN ENGINE)PALEO-DP SIE AVALO T320 RICED RICED-STAR	
EAST HAMPTON(JPX)	(AOA 7000; TWIN ENGINE)PALEO-DP SIE AVALO T320 ORCHA	
GREENSBORO(GSO)	(70-170 INCL, NON-JET)V44 MRB V143 LYH V222 HENBY	
GROTON (NEW LONDON)(GON)	(AOA 7000; TWIN ENGINE)PALEO-DP SIE AVALO T320 ORCHA MONDI	
HARTFORD(HFD)	(90-170 INCL; NON-TURBOJET)PALEO-DP SIE AVALO T320 GON T216 HFD	1100-0300
KNOXVILLE(TYS)	V44 MRB V143 MOL ROA V16	1100-0300
MATTITUCK(21N)	(AOA 7000; TWIN ENGINE)PALEO-DP SIE AVALO T320 ORCHA	
MONTAUK(MTP)	(AOA 7000; TWIN ENGINE)PALEO-DP SIE AVALO T320 ORCHA	
NANTUCKET(ACK)	(110-170 INCL)PALEO V44 SIE AVALO T320 ORCHA LIBBE FLAPE DEEPO	1100-0300
	or	
	(5000; SINGLE ENGINE ONLY)SWANN T358 ENO T224 JFK T315 EEGOR CARLD V188 GON T216 NEWBE T300 DEEPO	
	or	
	(7000; TWIN ENGINE)SWANN T358 AVALO T320 ORCHA SEY NEWBE DEEPO	
	or	
	(7000; SINGLE ENGINE ONLY)SWANN T358 LEEAH V1 JFK T315 EEGOR CARLD V188 GON T216 NEWBE T300 DEEPO	
NEW HAVEN(HVN)	(AOA 7000; TWIN ENGINE)PALEO-DP SIE AVALO T320 RICED KEYED	
NEW YORK(ISP)	(90-170 INCL)PALEO-DP SIE AVALO T320 SARDI CCC	1100-0300
NEW YORK(JFK)	(90-170 INCL; 250 KTS OR GREATER)PALEO-DP ACY T315 PANZE V44 CAMRN	1100-0300
	or	
	(90-170 INCL; LESS THAN 250 KTS)PALEO-DP ACY V184 ZIGGI	1100-0300
NEW YORK(LGA)	(TURBOJETS)PALEO-DP ENO PROUD (RNAV)-STAR	1100-0400
	or	
	(TURBOPROPS)SWANN-DP SWANN APPLE (RNAV)-STAR	1100-0300
NEW YORK(SWF)	(GPS OR DME/DME OR IRU EQUIPPED)VINNY V93 LVZ T295 PRNCE FILPS	1100-0300
NEWARK(EWR)	(110-170 INCL; TURBOPROPS)SWANN-DP SWANN BRAND (RNAV)-STAR	
NORFOLK(ORF)	(70-170; TURBOJETS)CONLE (RNAV)-DP COLIN T291 FAGED V286 STEIN	1100-0300
	or	
	(70-170 INCL; PROPS)GRACO T291 FAGED V286 STEIN (AOA 7000; TWIN ENGINE)PALEO-DP SIE AVALO T320 RICED KEYED	1100-0300
PHILADELPHIA(PHL)	(7000-17000' INCL)SWANN-DP DQO	1100-0300
POUGHKEEPSIE(POU)	(GPS OR DME/DME OR IRU EQUIPPED)VINNY V93 LVZ LAAYK PRNCE FILPS	1100-0300
TETERBORO METRO(TEB,CDW,LDJ,MMU,SMQ,47N)	(TURBOPROPS)SWANN-DP SWANN MAZIE (RNAV)-STAR	1100-0300
WESTHAMPTON BEACH(FOK)	(AOA 7000; TWIN ENGINE)PALEO-DP SIE AVALO T320 ORCHA	
WHITE PLAINS(HPN)	(110-170 INCL)PALEO-DP SIE AVALO T320 RICED RICED-STAR	1100-0300
	or	
	(70)VINNY V93 LRP ETX FJC BWZ SAX V39 BREZY	1100-0300

PREFERRED IFR ROUTES

Terminals	Route	Effective Times (UTC)
BEDFORD(BED)		
TETERBORO(TEB).....	(110-160)REVSS BLZZR MOBBS T295 SAGES V489 COATE.....	
BOSTON(BOS)		
CLEVELAND	(110-170)HYLND MANCH T316 LAMMS T608 SYR V84	1100-0300
METRO(CLE,CGF,BKL,LNN,LPR).....	GEE THOME TRYBE (RNAV)-STAR.....	
ERIE(ERI).....	(080-100; RNAV/GNSS EQUIPPED ONLY)GLYDE V270 ULW JHW.....	
NEW YORK(JFK).....	(AOB 100)BOSOX V1 GRAYM T320 YANTC T224 CCC V46 DPK..... or (110-170; TURBOJETS ONLY: DME/DME/IRU OR GPS REQUIRED)SSOXs BUZRD SEY PARCH (RNAV)-STAR or (110-170; PROPS)SSOXs LUCOS SEY067 SEY HTO V46 DPK.....	1100-0300
NEW YORK(LGA).....	(110-170; TURBOJETS ONLY: DME/DME/IRU OR GPS REQUIRED)PATSS (RNAV)-DP PATSS NELIE VALRE HAARP-STAR..... or (110-170; PROPS & TURBOPROPS OPERATING AT LESS THAN 250K IAS)REVSS BAF PWL V405 CASH V123 HAARP..... or (110-170; RNAV ONLY: TURBOJETS & TURBOPROPS AOA 250K IAS)PATSS NELIE VALRE HAARP-STAR	1100-0300
NEWARK(EWR).....	(110-170; PROP AND TURBOPROP AIRCRAFT: LESS THAN 250K IAS)REVSS BAF MOBBS SAGES V489 COATE..... or (110-170; TURBOJETS ONLY: DME/DME/IRU OR GPS REQUIRED)PATSS (RNAV)-DP PATSS NELIE FLOSI (RNAV)-STAR.....	1100-0300
PHILADELPHIA(PHL).....	(80-170 INCL)SSOXs LUCOS SEY ORCHA T320 DRIFT T416 CYN T224 JIIMS OOD..... or (110-170; GPS OR DME/DME OR IRU EQUIPPED)BLZZR BAF SASHA T295 LAAYK WLKES T455 FJC PTW.	1100-0300
PHILADELPHIA(PNE).....	(90-170; TURBOPROPS ONLY: GPS OR DME/DME OR IRU EQUIPPED)BLZZR BAF SASHA T295 LAAYK WLKES T455 FJC ARD..... or (110-170; JETS)BOS SSOXS LUCOS SEY ORCHA T320 BRIGS CEDAR LAKE-STAR..... or (60-100; NON-TURBOJET)(WATER ROUTE)BURDY T358 BRIGS ACY V184 OOD..... or (110-170)(WATER ROUTE)BOS SSOXS LUCOS SEY ORCHA MANTA T438 ARD..... or (60-100)(WATER ROUTE)BURDY T358 MANTA T438 ARD..... or (110-170; NON-TURBOJET)(WATER ROUTE)BOS SSOXs LUCOS SEY ORCHA T320 BRIGS ACY V184 OOD.....	1100-0300
ROCHESTER(ROC).....	(11000'-17000')HYLND MANCH T316 LAMMS T608 ROC.....	1100-0300
SYRACUSE(SYR).....	(11000'-17000')HYLND MANCH T316 LAMMS.....	
TETERBORO(TEB).....	(110-160)BLZZR (RNAV)-DP BLZZR BAF MOBBS T295 SAGES V489 COATE.....	

Terminals	Route	Effective Times (UTC)
TRENTON(TTN).....	(110-170)(WATER ROUTE)BOS SSOXS LUCOS SEY ORCHA T320 MANTA T438 ARD	1100-0300
	or	
	(90-170; TURBOPROPS ONLY. GPS OR DME/DME OR IRU EQUIPPED)BLZZR BAF SASHA T295 LAAYK WLKES T455 FJC ARD	1100-0300
	or	
	(60-100)(WATER ROUTE)BURDY T358 MANTA T438 ARD	1100-0300
VINEYARD HAVEN(MVY).....	BOS V141 DUNKK	
WASHINGTON(DCA).....	(80-170 INCL; NON-TURBOJET)BURDY T358 AVALO T320 VAALI CAPKO	1100-0300
WHITE PLAINS(HPN).....	(110-170; PROP AND TURBOPROP AT LEAST THAN 250K IAS)REVSS BAF PWL V405 CASSH V123 HAARP	1100-0300
	or	
	(110-170; RNAV ONLY:TURBOJETS & PROPS AT 250K IAS OR GREATER)PATSS NELIE VALRE VALRE-STAR	1100-0300
WILMINGTON(ILG).....	(110-170; NON-TURBOJET)(WATER ROUTE)BOS SSOXS LUCOS SEY ORCHA T320 BRIGS ACY V184 OOD	1100-0300
	or	
	(60-100; NON-TURBOJET)(WATER ROUTE)BURDY T358 BRIGS ACY V184 OOD.....	1100-0300
	or	
	(110-170; JETS)BOS SSOXS LUCOS SEY ORCHA T320 BRIGS CEDAR LAKE-STAR	1100-0300
BRIDGEPORT(BDR)		
ALBANY(ALB).....	(110-170 INCL)SOARS V487 CANAN.....	1100-0300
AUBURN/LEWISTON(LEW).....	(110-170 INCL)ORCHA T320 GDM T314 ENE.....	1100-0300
AUGUSTA(AUG).....	(110-170 INCL)ORCHA T320 GDM T314 ENE.....	1100-0300
BALTIMORE(BWI).....	(AOB 170)BEADS T320 AVALO T358 SWANN.....	
BANGOR(BGR).....	(110-170 INCL)ORCHA T320 GDM T314 ENE T295 BGR.....	1100-0300
BEDFORD(BED).....	(110-150 ONLY)MAD V1 HFD DREEM (RNAV)-STAR	1100-0300
BEVERLY(BVY).....	(110-170 INCL)MAD HFD GRAYM-STAR.....	1100-0300
BOSTON(BOS).....	(110-170 INCL)BDR MERIT ROBUC (RNAV)-STAR	1100-0300
CONCORD(CON).....	(110-150 INCL)ORCHA T320 GDM.....	1100-0300
FITCHBURG(FIT).....	(110-170 INCL)MAD HFD GRAYM-STAR.....	1100-0300
KEENE(EEN).....	(110-170 ONLY)ORCHA T320 GDM.....	1100-0300
LACONIA(LCI).....	(110-170 INCL)ORCHA T320 GDM CON	1100-0300
LAWRENCE(LWM).....	(110-170 INCL)MAD HFD GRAYM-STAR.....	1100-0300
LEBANON(LEB).....	(110-170 INCL)ORCHA T320 GDM.....	1100-0300
MANCHESTER(MHT).....	(110-170 INCL; PROPS ONLY)MAD V1 HFD T315 GDM T314 MANCH.....	1100-0300
	or	
	(110-170 INCL; JETS ONLY)MAD V1 HFD CRIBB ROZZE (RNAV)-STAR	1100-0300
NASHUA(ASH).....	(110-150 INCL)MAD V1 HFD T315 GDM T314 MANCH	1100-0300
PORTLAND(PWM).....	(110-170 INCL)MAD V1 HFD KEYNN CDOGG CDOGG (RNAV)-STAR	1100-0300
PORTSMOUTH(PSM).....	(110-150)ORCHA T320 GDM CON	
PROVIDENCE(PVD).....	(110-170 INCL)MAD CARLD V188 GON V374 MINNK	
ROCKLAND(RKD).....	(110-170 INCL)ORCHA T320 GDM T314 ENE.....	1100-0300
WATERVILLE(WVL).....	(110-170 INCL)ORCHA T320 GDM T314 ENE.....	1100-0300
BUFFALO(BUF)		
BOSTON(BOS).....	(60-170)BUF GEE PONCT JFUND (RNAV)-STAR	
CHICAGO(MDW).....	(6000-17000' INCL; RNAV EQUIPPED ONLY)BIMRO T608 HOCKE FNT ELX V55 GIJ NOMES V92 CGT.	1100-0300
CHICAGO(ORD).....	(6000-17000' INCL; RNAV ONLY)BIMRO T608 HOCKE PAPPI	1100-0300
CLEVELAND(CLE).....	(6000-17000' INCL)BUF LANGS JHW BEELL TRYBE (RNAV)-STAR	1100-0300
DETROIT(DTW).....	(6000-17000 INCL; DME/DME/IRU OR GPS REQUIRED)(DTW SOUTH FLOW)DONEO TPGUN (RNAV)-STAR	1100-0300
	or	
	(6000-17000 INCL; DME/DME/IRU OR GPS REQUIRED)(DTW NORTH FLOW)DONEO CUUGR (RNAV)-STAR	

PREFERRED IFR ROUTES

Terminals	Route	Effective Times (UTC)
ELMIRA/CORNING(ELM)	(060-170 INCL)GEE V147 ULW	1100-0300
PHILADELPHIA(PHL)	(6000-17000' INCL; PROPS)BFD PSB HAR V210 BUNTS	
PITTSBURGH(PIT)	(6000-17000 INCL)JHW CIP HAYNZ (RNAV)-STAR	1100-0300
WASHINGTON(DCA)	(6000-17000' INCL)BFD PSB SKILS (RNAV)-STAR	
BURLINGTON(BTV)		
ALLETOWN(ABE)	ALB DNY LAAYK WLKES T455 FJC	
HARRISBURG(MDT)	(110-170)ALB DNY LAAYK T295 DUMMR HWANG	
READING(RDG)	(110-170)ALB DNY LAAYK T295 DUMMR	
TETERBORO(TEB)	(250KTS OR GREATER)ALB V489 COATE	
WHITE PLAINS(HPN)	(250KTS OR GREATER)ALB VALRE-STAR	
CALDWELL(CDW)		
ALBANY(ALB)	(110-150 ONLY)BREZY V39 SOARS V487 CANAN .	1100-0300
AUBURN/LEWISTON(LEW)	(110-170 INCL)BREZY V39 CMK V39 SOARS V487 CAM CON	1100-0300
AUGUSTA(AUG)	(110-170 INCL)BREZY V39 CMK V39 SOARS V487 CAM CON	1100-0300
BANGOR(BGR)	(110-170 INCL)BREZY V39 CMK V39 SOARS V487 CAM CON AUG	1100-0300
BAR HARBOR(BHB)	(110-170 INCL)BREZY V39 CMK V39 SOARS V487 CAM CON AUG	1100-0300
BARRE/MONTPELIER(MPV)	(110-170 INCL)BREZY V39 CMK V39 SOARS V487 CAM	1100-0300
BEDFORD(BED)	(110-170 INCL)BREZY V39 CMK MERIT HFD DREEM (RNAV)-STAR	1100-0300
BEVERLY(BVY)	(110-170 INCL)BREZY V39 CMK MERIT HFD DREEM (RNAV)-STAR	1100-0300
BOSTON(BOS)	(110-170 INCL; PROPS ONLY)BREZY V39 CMK MERIT ORW WOONS-STAR	1100-0300
	or	
	(110-170 INCL; JETS ONLY)BREZY V39 CMK MERIT ROBUC (RNAV)-STAR	1100-0300
BURLINGTON(BTV)	(110-170 INCL)BREZY V39 CMK GREKI V39 SOARS V487 BTV	1100-0300
CONCORD(CON)	(110-150 INCL)BREZY V39 CMK MERIT HFD T315 GDM	1100-0300
GLENS FALLS(GFL)	(110-170 INCL)BREZY V39 CMK V39 SOARS V487 CAM	1100-0300
HYANNIS(HYA)	(110-170 INCL)BREZY V39 CMK BAYYS SEALL V188 GON V374 MZY	1100-0300
KEENE(EEN)	(110-130 ONLY)BREZY V39 CMK MERIT HFD T315 GDM	1100-0300
LACONIA(LCI)	(110-170 INCL)BREZY V39 CMK MERIT HFD T315 GDM CON	1100-0300
LAKE PLACID(LKP)	(110-170 INCL)BREZY V39 SOARS V487 CAM	1100-0300
LAWRENCE(LWM)	(110-170 INCL)BREZY V39 CMK MERIT HFD GRAYM-STAR	1100-0300
LEBANON(LEB)	(110-170 INCL)BREZY V39 CMK MERIT HFD KEYNN	1100-0300
MANCHESTER(MHT)	(110-170 INCL; PROPS ONLY)BREZY V39 CMK MERIT HFD T315 GDM T314 MANCH	1100-0300
NANTUCKET(ACK)	(110-170 INCL; PROPS ONLY)BREZY V39 CMK BAYYS SEALL V188 GON DEEPO (RNAV)-STAR	1100-0300
NASHUA(ASH)	(110-170 INCL)BREZY V39 CMK MERIT HFD T315 GDM T314 MANCH	1100-0300
NEW BEDFORD(EWB)	(110-170 INCL)BREZY V39 CMK BAYYS SEALL V188 GON V374 MINNK	1100-0300
NORWOOD(OWD)	(110-170 INCL)BREZY V39 CMK MERIT ORW WOONS-STAR	1100-0300
PITTSFIELD(PSF)	(110-170 INCL)BREZY V39 CMK V39 SOARS V487 CANAN	1100-0300
PORTLAND(PWM)	(110-170 INCL)BREZY V39 CMK V39 SOARS V487 CAM CDOGG (RNAV)-STAR	1100-0300
PORTSMOUTH(PSM)	(110-150)BREZY V39 CMK MERIT HFD CON	
PROVIDENCE(PVD)	(110-130 ONLY)BREZY V39 CMK BAYYS SEALL V188 GON V374 MINNK	1100-0300
PROVINCETOWN(PVC)	(110-170 INCL)BAYYS SEALL V188 GON V374 MZY	1100-0300
ROCKLAND(RKD)	(110-170 INCL)BREZY V39 CMK SOARS V487 CAM CON	1100-0300
RUTLAND(RUT)	(110-170 INCL)BREZY V39 SOARS V487 CAM	1100-0300
SARANAC LAKE(SLK)	(110-170 INCL)BREZY V39 SOARS V487 CAM	1100-0300
VINEYARD HAVEN(MVY)	(110-170 INCL)BREZY V39 CMK BAYYS SEALL V188 GON V374 MZY	1100-0300

PREFERRED IFR ROUTES

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Terminals	Route	Effective Times (UTC)
WATERVILLE(WVL)	(110-170 INCL)BREZY V39 SOARS V487 CAM CON	1100-0300
CHARLESTON(CRW)		
PITTSBURGH(PIT)	(60-170)HVQ V115 JPU V117 WISKE FEWGA (RNAV)-STAR	1100-0300
GROTON (NEW LONDON)(GON)		
ERIE(ERI)	(080-100; RNAV/GNSS EQUIPPED ONLY)CTR V270 ULW JHW	
HARTFORD(HFD)		
	(080-100; RNAV/GNSS EQUIPPED ONLY)CTR V270 ULW JHW	
HYANNIS(HYA)		
	(080-100; RNAV/GNSS EQUIPPED ONLY)PVD V146 CTR V270 ULW JHW	
MORRISTOWN(MMU)		
ALBANY(ALB)	(110-150 ONLY)BREZY V39 SOARS V487 CANAN ..	1100-0300
AUBURN/LEWISTON(LEW)	(110-170 INCL)BREZY V39 CMK V39 SOARS V487 CAM CON	1100-0300
AUGUSTA(AUG)	(110-170 INCL)BREZY V39 CMK V39 SOARS V487 CAM CON	1100-0300
BANGOR(BGR)	(110-170 INCL)BREZY V39 CMK V39 SOARS V487 CAM CON AUG	1100-0300
BAR HARBOR(BHB)	(110-170 INCL)BREZY V39 CMK V39 SOARS V487 CAM CON AUG	1100-0300
BARRE/MONTPELIER(MPV)	(110-170 INCL)BREZY V39 CMK V39 SOARS V487 CAM	1100-0300
BEDFORD(BED)	(110-170 INCL)BREZY V39 CMK MERIT HFD DREEM (RNAV)-STAR	1100-0300
BEVERLY(BVY)	(110-170 INCL)BREZY V39 CMK MERIT HFD DREEM (RNAV)-STAR	1100-0300
BOSTON(BOS)	(110-170 INCL; JETS ONLY)BREZY V39 CMK MERIT ROBUC (RNAV)-STAR	1100-0300
	or	
	(110-170 INCL; PROPS ONLY)BREZY V39 CMK MERIT ORW WOONS-STAR	1100-0300
BURLINGTON(BTV)	(110-170 INCL)BREZY V39 CMK GREKI V39 SOARS V487 BTV	1100-0300
GLENS FALLS(GFL)	(110-170 INCL)BREZY V39 CMK V39 SOARS V487 CAM	1100-0300
HYANNIS(HYA)	(110-170 INCL)BREZY V39 CMK BAYYS SEALL V188 GON V374 MZY	1100-0300
KEENE(EEN)	(110-130 ONLY)BREZY V39 CMK MERIT HFD T315 GDM	1100-0300
LACONIA(LCI)	(110-170 INCL)BREZY V39 CMK MERIT HFD T315 GDM CON	1100-0300
LAKE PLACID(LKP)	(110-170 INCL)BREZY V39 SOARS V487 CAM	1100-0300
LAWRENCE(LWM)	(110-170 INCL)BREZY V39 CMK MERIT HFD GRAYM-STAR	1100-0300
LEBANON(LEB)	(110-170 INCL)BREZY V39 CMK MERIT HFD KEYNN	1100-0300
MANCHESTER(MHT)	(110-170 INCL; PROPS ONLY)BREZY V39 CMK MERIT V99 HFD T315 GDM T314 MANCH	1100-0300
NANTUCKET(ACK)	(110-170 INCL; PROPS ONLY)BREZY V39 CMK BAYYS SEALL V188 GON DEEPO (RNAV)-STAR	1100-0300
NASHUA(ASH)	(110-170 INCL)BREZY V39 CMK MERIT HFD T315 GDM T314 MANCH	1100-0300
NEW BEDFORD(EWB)	(110-170 INCL)BREZY V39 CMK BAYYS SEALL V188 GON V374 MINNK	1100-0300
NORWOOD(OWD)	(110-170 INCL)BREZY V39 CMK MERIT ORW WOONS-STAR	1100-0300
PITTSFIELD(PSF)	(110-170 INCL)BREZY V39 CMK V39 SOARS V487 CANAN	1100-0300
PORTLAND(PWM)	(110-170 INCL)BREZY V39 CMK V39 SOARS V487 CAM CDOGG (RNAV)-STAR	1100-0300
PORTSMOUTH(PSM)	(110-150)BREZY V39 CMK MERIT HFD CON	
PROVIDENCE(PVD)	(110-130 ONLY)BREZY V39 CMK BAYYS SEALL V188 GON V374 MINNK	1100-0300
PROVINCETOWN(PVC)	(110-170 INCL)BAYYS SEALL V188 GON V374 MZY	1100-0300
ROCKLAND(RKD)	(110-170 INCL)BREZY V39 CMK SOARS V487 CAM CON	1100-0300
RUTLAND(RUT)	(110-170 INCL)BREZY V39 SOARS V487 CAM	1100-0300
SARANAC LAKE(SLK)	(110-170 INCL)BREZY V39 SOARS V487 CAM	1100-0300

PREFERRED IFR ROUTES

Terminals	Route	Effective Times (UTC)
VINEYARD HAVEN(MVY)	(110-170 INCL)BREZY V39 CMK BAYYS SEALL V188 GON V374 MVY	1100-0300
WATERVILLE(WVL)	(110-170 INCL)BREZY V39 SOARS V487 CAM CON	1100-0300
NANTUCKET(ACK)		
ERIE(ERI)	(080-100; RNAV/GNSS EQUIPPED ONLY)JACK V146 CTR V270 ULW JHW	
NEW YORK(LGA).....	(110-160; 250KTS OR GREATER)MVY V146 PUT NELIE VALRE HAARP-STAR	
NEWARK(EWR)	(110-160; 250KTS OR GREATER)MVY V146 PUT NELIE FLOSI (RNAV)-STAR	
NEW HAVEN(HVN)		
ALBANY(ALB)	(110-170 INCL)SOARS V487 CANAN	1100-0300
AUBURN/LEWISTON(LEW)	(110-170 INCL)ORCHA T320 GDM T314 ENE	1100-0300
AUGUSTA(AUG)	(110-170 INCL)ORCHA T320 GDM T314 ENE	1100-0300
BALTIMORE(BWI)	(AOB 170)BEADS T320 AVALO T358 SWANN	
BANGOR(BGR)	(110-170 INCL)ORCHA T320 GDM T314 ENE T295 BGR	1100-0300
BEDFORD(BED)	(110-150 ONLY)MAD V1 HFD DREEM (RNAV)-STAR	1100-0300
BEVERLY(BVY).....	(110-170 INCL)MAD HFD GRAYM-STAR	1100-0300
BOSTON(BOS)	(110-170 INCL)BDR MERIT ROBUC (RNAV)-STAR	1100-0300
CONCORD(CON)	(110-150 INCL)ORCHA T320 GDM	1100-0300
FITCHBURG(FIT).....	(110-170 INCL)MAD HFD GRAYM-STAR	1100-0300
KEENE(EEN).....	(110-170 ONLY)ORCHA T320 GDM	1100-0300
LACONIA(LCI)	(110-170 INCL)ORCHA T320 GDM CON.....	1100-0300
LAWRENCE(LWM)	(110-170 INCL)MAD HFD GRAYM-STAR	1100-0300
LEBANON(LEB).....	(110-170 INCL)ORCHA T320 GDM KEYNN	1100-0300
MANCHESTER(MHT).....	(110-170 INCL; JETS ONLY)MAD V1 HFD CRIBB ROZZE (RNAV)-STAR	1100-0300
	or	
	(110-170 INCL; PROPS ONLY)MAD V1 HFD T315 GDM T314 MANCH	1100-0300
NASHUA(ASH)	(110-150 INCL)MAD V1 HFD T315 GDM T314 MANCH	1100-0300
PORTLAND(PWM).....	(110-170 INCL)MAD V1 HFD KEYNN CDOGG CDOGG (RNAV)-STAR	1100-0300
PORTSMOUTH(PSM).....	(110-150)ORCHA T320 GDM CON	
PROVIDENCE(PVD)	(110-170 INCL)MAD CARLD V188 GON V374 MINNK	
ROCKLAND(RKD)	(110-170 INCL)ORCHA T320 GDM T314 ENE	1100-0300
WATERVILLE(WVL)	(110-170 INCL)ORCHA T320 GDM T314 ENE	1100-0300
NEW YORK(ISP)		
ALBANY(ALB)	(110-170 INCL)SOARS V487 CANAN	1100-0300
AUBURN/LEWISTON(LEW)	(110-170 INCL)ORCHA T320 GDM T314 ENE	1100-0300
AUGUSTA(AUG)	(110-170 INCL)ORCHA T320 GDM T314 ENE	1100-0300
BANGOR(BGR)	(110-170 INCL)ORCHA T320 GDM T314 ENE T295 BGR	1100-0300
BEDFORD(BED).....	(110-150 ONLY)ORCHA T320 GON ORW DREEM (RNAV)-STAR	1100-0300
BEVERLY(BVY).....	(110-170 INCL)ORCHA T320 GON ORW GRAYM-STAR	1100-0300
CONCORD(CON)	(110-150 INCL)ORCHA T320 GDM	1100-0300
FITCHBURG(FIT).....	(110-170 INCL)ORCHA T320 GON ORW GRAYM-STAR	1100-0300
KEENE(EEN).....	(110-170 ONLY)ORCHA T320 GDM	1100-0300
LACONIA(LCI)	(110-170 INCL)ORCHA T320 GDM CON	1100-0300
LAWRENCE(LWM)	(110-170 INCL)ORCHA T320 GON ORW GRAYM-STAR	1100-0300
LEBANON(LEB).....	(110-170 INCL)ORCHA T320 GDM KEYNN	1100-0300
MANCHESTER(MHT).....	(110-170 INCL; PROPS ONLY)ORCHA T320 GDM T314 MANCH	1100-0300
	or	
	(110-170 INCL; JETS ONLY)MERIT HFD CRIBB ROZZE (RNAV)-STAR	1100-0300
NASHUA(ASH)	(110-150 INCL)ORCHA T320 GDM T314 MANCH ..	1100-0300
PORTLAND(PWM).....	(110-170 INCL)MERIT HFD KEYNN CDOGG CDOGG (RNAV)-STAR	1100-0300
PORTSMOUTH(PSM).....	(110-150)ORCHA T320 GDM CON	
PROVIDENCE(PVD)	(110-170 INCL; RNAV/GNSS REQUIRED)ORCHA WACKY PVD.....	
ROCKLAND(RKD)	(110-170 INCL)ORCHA T320 GDM T314 ENE	1100-0300
WATERVILLE(WVL)	(110-170 INCL)ORCHA T320 GDM T314 ENE	1100-0300
NEW YORK(JFK)		
ALBANY(ALB)	(70-170 INCL)BDR V487 CANAN	1100-0300

PREFERRED IFR ROUTES

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Terminals	Route	Effective Times (UTC)
AUBURN/LEWISTON(LEW).....	(110-170 INCL)BDR V487 CAM CON.....	1100-0300
BALTIMORE(BWI).....	(TURBOJETS)WAVEY PLUME T320 BILIT MIIDY MIIDY (RNAV)-STAR.....	
	or	
	(90-170 INCL. 250 KTS OR LESS)WHITE V1 LEEAH T358 SWANN.....	1100-0300
BANGOR(BGR).....	(110-170 INCL)MERIT HFD PUT ENE.....	1100-0300
BAR HARBOR(BHB).....	(110-170 INCL)BDR V487 CAM CON AUG.....	1100-0300
BARRE/MONTPELIER(MPV).....	(110-170 INCL)BDR V487 CAM.....	1100-0300
BEDFORD(BED).....	(110-170 INCL)MERIT HFD DREEM (RNAV)-STAR.....	1100-0300
BOSTON(BOS).....	(110-170 INCL; PROPS ONLY)MERIT ORW WOONS-STAR.....	1100-0300
	or	
	(110-170; DME/DME/IRU OR GNSS REQUIRED)MERIT ROBUC (RNAV)-STAR.....	1100-0300
	or	
	(110-170; NON-TURBOJET)MERIT ORW WOONS-STAR.....	1100-0300
BURLINGTON(BTV).....	(110-170 INCL; PROPS ONLY)BDR V487 BTV.....	1100-0300
	or	
	(90-170 INCL)BDR V487 BTV.....	1100-0300
FITCHBURG(FIT).....	(110-170 INCL)MERIT HFD GRAYM-STAR.....	1100-0300
HAGERSTOWN(HGR).....	(140-160)RBV T438 DUMMR T299 REEES.....	
	or	
	(90-130 INCL)COATE T218 TALLI LVZ T295 DUMMR T299 REEES.....	
HARRISBURG(MDT).....	(90-130 INCL)COATE T218 TALLI LVZ T295 DUMMR.....	1100-0300
	or	
	(90-130 INCL)COATE T218 TALLI LVZ T295 DUMMR T299 HWANG.....	1100-0300
	or	
	(140-160 INCL)RBV T438 DUMMR T299 HWANG.....	
LAWRENCE(LWM).....	(110-170 INCL)MERIT HFD GRAYM-STAR.....	1100-0300
MONTREAL(CYUL).....	(110-170)BDR V91 V487 BTV PBERG CARTR (CANADIAN) (RNAV)-STAR.....	
NANTUCKET(ACK).....	(110-170; JETS ONLY)BETTE DEEPO (RNAV)-STAR.....	1100-0300
	or	
	(110-170 INCL)BAYYS T315 SEALL V188 GON T216 NEWBE T300 DEEPO DEEPO (RNAV)-STAR.....	1100-0300
NORFOLK(ORF).....	(90-170 INCL. MORE THAN 250 KTS)WAVEY PLUME V139 CCV.....	1100-0300
	or	
	(90-170 INCL. 250 KTS OR LESS)WHITE V1 CCV.....	1100-0300
PITTSFIELD(PSF).....	(110-170 INCL)BDR V487 HIDAL.....	1100-0300
PORTLAND(PWM).....	(110-170 INCL)BDR V487 CAM CDOGG (RNAV)-STAR.....	1100-0300
PORTSMOUTH(PSM).....	(110-150)MERIT HFD CON.....	
PROVIDENCE(PVD).....	(110-170 INCL)BAYYS T315 SEALL V188 GON V374 MINNK.....	1100-0300
PROVINCETOWN(PVC).....	(110-170 INCL)BAYYS SEALL V188 GON V374 MVY.....	1100-0300
ROCHESTER(ROC).....	(90-130 INCL)HAAYS HUO V252 GIBBE.....	1100-0300
	or	
	(140-170 INCL)GAYEL V374 CFB V252 GIBBE.....	1100-0300
ROCKLAND(RKD).....	(110-170 INCL)BDR V487 CAM.....	1100-0300
RUTLAND(RUT).....	(110-170 INCL)BDR V487 CAM.....	1100-0300
SYRACUSE(SYR).....	(90-130 INCL)HAAYS HUO V252 CFB V29.....	1100-0300
	or	
	(140-170 INCL)GAYEL V374 CFB.....	1100-0300
TORONTO(CYYZ).....	(NON JET ACFT ONLY)COATE LAAYK ULW WOZEE VERKO (CANADIAN) (RNAV)-STAR.....	
	or	
	(NON JET ACFT ONLY)GAYEL V374 CFB V270 ULW WOZEE VERKO (CANADIAN) (RNAV)-STAR.....	
WASHINGTON(DCA).....	(80-170 INCL. 250 KTS OR LESS)JFK V1 LEEAH T315 CHOPS T320 VAALI CAPKO.....	1100-0300
	or	
	(80-170 INCL. MORE THAN 250 KTS)WAVEY PLUME T320 VAALI CAPKO.....	1100-0300
WATERVILLE(WVL).....	(110-170 INCL)BDR V487 CAM CON.....	1100-0300

PREFERRED IFR ROUTES

Terminals	Route	Effective Times (UTC)
NEW YORK(LGA)		
ALBANY(ALB)	(110-150 ONLY)BDR V487 CANAN	1100-0300
AUBURN/LEWISTON(LEW)	(110-170 INCL)BDR V487 CAM CON	1100-0300
AUGUSTA(AUG)	(110-170 INCL)BDR V487 CAM CON	1100-0300
BALTIMORE(BWI)	(TURBOJETS ONLY)BIGGY V3 MXE V378 NUGGY TRISH (RNAV)-STAR	
BANGOR(BGR)	(110-170 INCL)BDR V487 CAM CON AUG	1100-0300
BAR HARBOR(BHB)	(110-170 INCL)BDR V487 CAM CON AUG	1100-0300
BARRE/MONTPELIER(MPV)	(110-170 INCL)BDR V487 CAM	1100-0300
BEDFORD(BED)	(110-170 INCL)MERIT HFD DREEM (RNAV)-STAR	1100-0300
BEVERLY(BVY)	(110-170 INCL)MERIT HFD DREEM (RNAV)-STAR	1100-0300
BINGHAMTON(BGM)	(90-170 INCL)HAAYS HUO V252 CFB	1100-0300
BOSTON(BOS)	(110-170; DME/DME/IRU OR GNSS REQUIRED)MERIT ROBUC (RNAV)-STAR	1100-0300
	or	
BURLINGTON(BTV)	(110-170; NON-TURBOJET)MERIT ORW WOONS-STAR	1100-0300
CONCORD(CON)	(110-170 INCL)BDR V487 BTV	1100-0300
ELMIRA/CORNING(ELM)	(110-150 INCL)MERIT HFD T315 GDM	1100-0300
FITCHBURG(FIT)	(90-170 INCL)COATE LAAYK ULW	1100-0300
GLENS FALLS(GFL)	(110-170 INCL)MERIT HFD GRAYM-STAR	1100-0300
HARRISBURG(CXY)	(110-170 INCL)BDR V487 CAM	1100-0300
	(90-100)LANNA T430 ETX V162 HWANG	1100-0300
	or	
HYANNIS(HYA)	(110-170 INCL)ELIOT V39 ETX T299 HWANG	1100-0300
KEENE(EEN)	(110-170 INCL)BAYYS SEALL V188 GON V374 MVY	1100-0300
LACONIA(LCI)	(110-170 INCL)MERIT HFD T315 GDM	1100-0300
LAKE PLACID(LKP)	(110-170 INCL)MERIT HFD T315 GDM CON	1100-0300
LAKE PLACID(LKP)	(110-170 INCL)BDR V487 CAM	1100-0300
LAWRENCE(LWM)	(110-170 INCL)MERIT HFD GRAYM-STAR	1100-0300
LEBANON(LEB)	(110-170 INCL)MERIT HFD KEYNN	1100-0300
MANCHESTER(MHT)	(110-170 INCL; PROPS ONLY)MERIT HFD T315 GDM T314 MANCH	1100-0300
	or	
MONTREAL(CYUL)	(110-170 INCL; JETS ONLY)MERIT HFD CRIBB ROZZE (RNAV)-STAR	1100-0300
NANTUCKET(ACK)	(70-170 INCL)BDR V91 BOWAN V487 BTV PBERG CARTR (CANADIAN) (RNAV)-STAR	
NANTUCKET(ACK)	(110-170 INCL; JETS ONLY)BAYYS SEALL V188 GON DEEPO (RNAV)-STAR	1100-0300
NASHUA(ASH)	(110-170 INCL)MERIT HFD T315 GDM T314 MANCH	1100-0300
NEW BEDFORD(EWB)	(110-170 INCL)BAYYS SEALL V188 GON V374 MINNK	1100-0300
NORFOLK(ORF)	(90-170 INCL)WHITE V1 CCV	
NORWOOD(OWD)	(110-170 INCL)MERIT ORW WOONS-STAR	1100-0300
PITTSBURGH(PIT)	(140-170)ELIOT V39 ETX T430 PSB HAYNZ (RNAV)-STAR	1100-0300
	or	
PITTSFIELD(PSF)	(90-100 INCL)LANNA T430 PSB HAYNZ (RNAV)-STAR	1100-0300
PORTLAND(PWM)	(110-170 INCL)BDR V487 HIDAL	1100-0300
PORTSMOUTH(PSM)	(110-170 INCL)BDR V487 CAM CDOGG (RNAV)-STAR	1100-0300
PROVIDENCE(PVD)	(110-150)MERIT HFD CON	
PROVINCETOWN(PVC)	(110-130 ONLY)BAYYS SEALL V188 GON V374 MINNK	1100-0300
RICHMOND(RIC)	(110-170 INCL)BAYYS SEALL V188 GON V374 MVY	1100-0300
ROCHESTER(ROC)	(90-170 INCL)WHITE V1 JAMIE	1100-0300
ROCHESTER(ROC)	(90-170 INCL)HAAYS HUO V252 GIBBE	1100-0300
ROCKLAND(RKD)	(110-170 INCL)BDR V487 CAM	1100-0300
RUTLAND(RUT)	(110-170 INCL)BDR V487 CAM	1100-0300
SARANAC LAKE(SLK)	(110-170 INCL)BREZY V39 SOARS V487 CAM	1100-0300
SYRACUSE(SYR)	(90-170 INCL, 250 KTS PLUS)GAYEL CFB	
	or	
SYRACUSE(SYR)	(90-170 INCL, LESS THAN 250 KTS)HAAYS HUO V252 CFB V29	1100-0300
TORONTO(CYYZ)	(NON JET ACFT ONLY)COATE LAAYK ULW WOZEE VERKO (CANADIAN) (RNAV)-STAR	
VINEYARD HAVEN(MVY)	(110-170 INCL)BAYYS T315 SEALL V188 GON V374 MVY	1100-0300
WASHINGTON(DCA)	(90-170 INCL PROPS)BIGGY V3 MXE V378 BAL	1100-0300

PREFERRED IFR ROUTES

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Terminals	Route	Effective Times (UTC)
WASHINGTON(IAD)	(90-130 INCL PROPS)LANNA T430 ETX V39 LRP V143 MULRR AML	1100-0300
	or	
	(140-170 INCL PROPS)ELIOT V39 LRP V143 MULRR AML	1100-0300
WATERVILLE(WVL)	(110-170 INCL)BDR V487 CAM CON	1100-0300
WILKES-BARRE/SCRANTON(AVP)	(90-170 INCL)COATE T218 TALLI LVZ	1100-0300
NEW YORK(SWF)		
ALBANY(ALB)	(110-150 ONLY)STUBY V487 CANAN	1100-0300
AUBURN/LEWISTON(LEW).....	(110-130 INCL)STUBY SASHA T295 ENE	1100-0300
AUGUSTA(AUG)	(110-170 INCL)STUBY V487 CAM CON	1100-0300
BANGOR(BGR).....	(110-170 INCL)STUBY V487 CAM CON AUG.....	1100-0300
BAR HARBOR(BHB).....	(110-170 INCL)STUBY V487 CAM CON AUG.....	1100-0300
BARRE/MONTPELIER(MPV).....	(110-170 INCL)STUBY V487 CAM	1100-0300
BOSTON(BOS).....	(110-170 INCL; JETS ONLY)PWL STUBY WHATE JFUND (RNAV)-STAR	1100-0300
	or	
	(110-170 INCL; PROPS ONLY)STUBY SASHA T295 WARIC GDM GARDNER-STAR	1100-0300
BURLINGTON(BTV)	(110-170 INCL)STUBY V487 CAM	1100-0300
CONCORD(CON).....	(110-170 INCL)STUBY SASHA T295 CON	1100-0300
GLENS FALLS(GFL).....	(110-170 INCL)STUBY V487 CAM	1100-0300
HYANNIS(HYA)	(110-170 INCL)PWL V34 MOONI T216 HFD GON V374 MVY	1100-0300
KEENE(EEN)	(110-170 ONLY)STUBY SASHA T295 KEYNN	1100-0300
LACONIA(LCI)	(110-170 INCL)STUBY SASHA T295 CON	1100-0300
LAKE PLACID(LKP).....	(110-170 INCL)STUBY V487 CAM.....	1100-0300
LEBANON(LEB).....	(110-170 INCL)STUBY SASHA T295 KEYNN	1100-0300
MANCHESTER(MHT)	(110-170 INCL; PROPS ONLY)STUBY SASHA T295 KEYNN.....	1100-0300
NANTUCKET(ACK).....	(10000)PWL HFD T216 NEWBE T300 DEEPO (RNAV)-STAR ACK	
NASHUA(ASH)	(110-150 INCL)STUBY SASHA T295 KEYNN	1100-0300
PITTSFIELD(PSF).....	(110-170 INCL)STUBY V487 HIDAL	1100-0300
PORTLAND(PWM)	(110-170 INCL)STUBY V487 CAM CDOGG (RNAV)-STAR	1100-0300
PORTSMOUTH(PSM).....	(110-170 INCL)STUBY SASHA T295 CON	1100-0300
PROVIDENCE(PVD)	(110-170 INCL)PWL V34 MOONI T216 HFD YANTC T300 LAFAY	1100-0300
ROCKLAND(RKD)	(110-170 INCL)STUBY V487 CAM CON	1100-0300
VINEYARD HAVEN(MVY).....	(110-170 INCL)IGN T216 HFD GON V374 MVY	1100-0300
NEWARK(EWR)		
ALBANY(ALB)	(110-150 ONLY; PROPS ONLY)BREZY V39 SOARS V487 CANAN	1100-0300
	or	
	(110-150 INCL; JETS ONLY)BDR V487 CANAN	1100-0300
AUBURN/LEWISTON(LEW).....	(110-170 INCL)BDR V487 CAM CON.....	1100-0300
AUGUSTA(AUG)	(110-170 INCL)BDR V487 CAM CON.....	1100-0300
BALTIMORE(BWI).....	(TURBOJETS ONLY)BIGGY V3 MXE V378 NUGGY TRISH (RNAV)-STAR	
BALTIMORE(MTN).....	(90-170 INCL)BIGGY V3 MXE V408 VINNY V93 SKILS	1100-0300
BANGOR(BGR).....	(110-170 INCL)BDR V487 CAM CON AUG	1100-0300
BAR HARBOR(BHB).....	(110-170 INCL)BDR V487 CAM CON AUG	1100-0300
BARRE/MONTPELIER(MPV).....	(110-170 INCL)BDR V487 CAM	1100-0300
BEDFORD(BED)	(110-170 INCL; PROPS ONLY)BREZY V39 CMK MERIT HFD DREEM (RNAV)-STAR	1100-0300
	or	
	(110-170 INCL; JETS ONLY)MERIT HFD DREEM (RNAV)-STAR	1100-0300
BEVERLY(BVY).....	(110-170 INCL; JETS ONLY)MERIT HFD DREEM (RNAV)-STAR	1100-0300
	or	
	(110-170 INCL; PROPS ONLY)BREZY V39 CMK MERIT HFD DREEM (RNAV)-STAR	1100-0300
BINGHAMTON(BGM)	(90-170 INCL)HAAYS HUO V252 CFB.....	1100-0300

PREFERRED IFR ROUTES

Terminals	Route	Effective Times (UTC)
BOSTON(BOS)	(110-170; TURBOJET: DME/DME/IRU OR GNSS REQUIRED)MERIT ROBUC (RNAV)-STAR	1100-0300
	or	
	(110-170 INCL; PROPS ONLY)BREZY V39 CMK MERIT ORW WOONS-STAR	1100-0300
BUFFALO(BUF)	(90-170 INCL)COATE LAAYK ULW ULW306 BENE	1100-0300
BURLINGTON(BTV)	(110-170 INCL)BDR V487 BTV	1100-0300
CLEVELAND(CLE)	(140-170 INCL)ELIOT V39 ETX T430 PSB UPPRR TRYBE (RNAV)-STAR	1100-0300
	or	
	(90-100 INCL)LANNA T430 SEG PSB UPPRR TRYBE (RNAV)-STAR	1100-0300
CONCORD(CON)	(110-150 INCL)MERIT HFD T315 GDM	1100-0300
ELMIRA/CORNING(ELM)	(90-170 INCL)COATE LAAYK ULW	1100-0300
FITCHBURG(FIT)	(110-170 INCL; JETS ONLY)MERIT HFD GRAYM-STAR	1100-0300
	or	
	(110-170 INCL; PROPS ONLY)BREZY V39 CMK MERIT HFD GRAYM-STAR	1100-0300
GLENS FALLS(GFL)	(110-170 INCL; PROPS ONLY)BREZY V39 SOARS V487 CAM	1100-0300
	or	
	(110-170 INCL; JETS ONLY)BDR V487 CAM	1100-0300
HARRISBURG(CXY)	(110-170 INCL)ELIOT V39 ETX T299 HWANG	1100-0300
	or	
	(90-100 INCL)LANNA T430 ETX V162 HWANG	1100-0300
HYANNIS(HYA)	(110-170 INCL)BAYYS SEALL V188 GON V374 MVY	1100-0300
	or	
	(110-170 INCL; PROPS ONLY)BREZY V39 CMK BAYYS SEALL V188 GON V374 MVY	1100-0300
KEENE(EEN)	(110-170 INCL)MERIT HFD T315 GDM	1100-0300
LACONIA(LCI)	(110-170 INCL)MERIT HFD T315 GDM CON	1100-0300
LAKE PLACID(LKP)	(110-170 INCL; PROPS ONLY)BREZY V39 SOARS V487 CAM	1100-0300
	or	
	(110-170 INCL; JETS ONLY)BDR V487 CAM	1100-0300
LAWRENCE(LWM)	(110-170 INCL; PROPS ONLY)BREZY V39 CMK MERIT HFD GRAYM-STAR	1100-0300
	or	
	(110-170 INCL)MERIT HFD GRAYM-STAR	1100-0300
LEBANON(LEB)	(110-170 INCL)MERIT HFD KEYNN	1100-0300
MANCHESTER(MHT)	(110-170 INCL; PROPS ONLY)BREZY V39 CMK MERIT HFD T315 GDM T314 MANCH	1100-0300
	or	
	(110-170 INCL; JETS ONLY)MERIT HFD CRIBB ROZZE (RNAV)-STAR	1100-0300
MARTINSBURG(MRB)	(110-170 INCL)ELIOT V39	1100-0300
	or	
	(90-100)LANNA T430 ETX V39 MRB	1100-0300
MONTREAL(CYUL)	(70-170 INCL)BDR V91 BOWAN V487 BTV PBERG CARTR (CANADIAN) (RNAV)-STAR	
NANTUCKET(ACK)	(110-170 INCL; PROPS ONLY)BREZY V39 CMK BAYYS SEALL V188 GON DEEPO (RNAV)-STAR	1100-0300
	or	
	(110-170 INCL; JETS ONLY)BAYYS SEALL V188 GON DEEPO (RNAV)-STAR	1100-0300
NASHUA(ASH)	(110-170 INCL)MERIT HFD T315 GDM T314 MANCH	1100-0300
NEW BEDFORD(EWB)	(110-170 INCL; PROPS ONLY)BREZY V39 CMK BAYYS SEALL V188 GON V374 MINNK	1100-0300
	or	
	(110-170 INCL; JETS ONLY)BAYYS SEALL V188 GON V374 MINNK	1100-0300
NORFOLK(ORF)	(90-170 INCL)WHITE V1 CCV	1100-0300
NORWOOD(OWD)	(110-170 INCL)MERIT ORW WOONS-STAR	1100-0300
	or	
	(110-170 INCL; PROPS ONLY)BREZY V39 CMK MERIT ORW WOONS-STAR	1100-0300

Terminals	Route	Effective Times (UTC)
OTTAWA(CYOW)	(110-170 INCL; PROPS ONLY)BREZY V39 SOARS V487 CAM BUGSY SSENA TAPVO DEANS (CANADIAN) (RNAV)-STAR	
PITTSBURGH(PIT)	(90-100 INCL)LANNA T430 PSB HAYNZ (RNAV)-STAR or (140-170 INCL)ELIOT V39 ETX T430 PSB HAYNZ (RNAV)-STAR	1100-0300 1100-0300
PITTSFIELD(PSF)	(110-170 INCL)BDR HIDAL V487	1100-0300
PORTLAND(PWM)	(110-170 INCL)BDR V487 CAM CDOGG (RNAV)-STAR	1100-0300
PORTSMOUTH(PSM)	(110-150)BREZY V39 CMK MERIT HFD CON	
PROVIDENCE(PVD)	(110-130 ONLY; PROPS ONLY)BREZY V39 CMK BAYYS SEALL GON MINNK	1100-0300
	or (110-130 ONLY)BAYYS SEALL V188 GON V374 MINNK	1100-0300
PROVINCETOWN(PVC)	(110-170 INCL)BAYYS SEALL V188 GON V374 MVY	1100-0300
RICHMOND(RIC)	(90-170 INCL)WHITE V1 JAMIE	1100-0300
ROCHESTER(ROC)	(90-170 INCL)HAAYS HUO V252 GIBBE	1100-0300
ROCKLAND(RKD)	(110-170 INCL)BDR V487 CAM	1100-0300
RUTLAND(RUT)	(110-170 INCL)BDR V487 CAM	1100-0300
SARANAC LAKE(SLK)	(110-170 INCL)BREZY V39 SOARS V487 CAM	1100-0300
SYRACUSE(SYR)	(90-170 INCL, 250 KTS PLUS)GAYEL CFB	1100-0300
	or (90-170 INCL, LESS THAN 250 KTS)HAAYS HUO V252 CFB V29	1100-0300
TORONTO(CYYZ)	(NON JET ACFT ONLY)COATE LAAYK ULW WOZEE VERKO (CANADIAN) (RNAV)-STAR	
VINEYARD HAVEN(MVY)	(110-170 INCL; PROPS ONLY)BREZY V39 CMK BAYYS SEALL V188 GON V374 MVY	1100-0300
	or (110-170 INCL)BAYYS T315 SEALL V188 GON V374 MVY	1100-0300
WASHINGTON(DCA)	(90-170 INCL PROPS)BIGGY V3 MXE V378 BAL	1100-0300
WASHINGTON(IAD)	(90-130 INCL PROPS)LANNA T430 ETX V39 LRP V143 MULRR AML	1100-0300
	or (140-170 INCL PROPS)ELIOT V39 LRP V143 MULRR AML	1100-0300
WATERVILLE(WVL)	(110-170 INCL)BDR V487 CAM CON	1100-0300
WILKES-BARRE/SCRANTON(AVP)	(90-170 INCL)COATE T218 TALLI LVZ	1100-0300
NORFOLK(ORF)		
NEW YORK(JFK)	(90-170 INCL, 250 KTS OR LESS)SCHOL DUNFE V139 SIE V44 PANZE V184 ZIGGI	1100-0300
NEW YORK(LGA)	(TURBOPROPS)HOUKY T295 SHLBK APPLE (RNAV)-STAR	
NEWARK(EWR)	(TURBOPROPS)HOUKY T295 SHLBK BRAND (RNAV)-STAR	1100-0400
TETERBORO	(TURBOPROPS)HOUKY T295 SHLBK MAZIE	1100-0400
METRO(TEB,CDW,LDJ,MMU,SMQ,47N)	(RNAV)-STAR	
	or (PROPS)SCHOL SBY V29 MXE V3 SBJ	1100-0400
WASHINGTON(DCA)	HPW THHMP CAPSS (RNAV)-STAR	1100-0300
WASHINGTON(IAD)	(TURBOJET)HPW THHMP CAVLR (RNAV)-STAR	
PHILADELPHIA(PHL)		
BINGHAMTON(BGM)	(90-170 INCL)PTW CHLSE T449 CFB	
BOSTON(BOS)	(90-170 INCL)DITCH T416 DRIFT T320 YANTC T224 WOONS	1100-0300
BUFFALO(BUF)	PTW CHLSE DIANO T447 FQM ULW BUF	
ELMIRA/CORNING(ELM)	PTW CHLSE DIANO T447 FQM ULW	
NEW YORK(JFK)	(110-170 ; TURBOJETS ONLY)DITCH T416 WINKK V44 CAMRN	
NORFOLK(ORF)	(80-170 INCL)OOD SBY V1 CCV	1100-0300
RICHMOND(RIC)	(80-170 INCL)OOD TEBEE HAYDO GROUT T315 SHLBK T224 COLIN	
SYRACUSE(SYR)	(90-170 INCL)PTW CHLSE T449 CFB	
TORONTO(CYYZ)	PTW CHLSE DIANO T447 FQM ULW WOZEE LINNG (CANADIAN) (RNAV)-STAR	
WASHINGTON(DCA)	(TURBOJETS ONLY)MXE V378 BAL	1100-0300

PREFERRED IFR ROUTES

Terminals	Route	Effective Times (UTC)
WASHINGTON(IAD).....	(MAX ALTITUDE 16,000; RNAV EQUIPPED ONLY)MXE HYPER (RNAV)-STAR	
WHITE PLAINS(HPN)	(90-170 INCL; 90-170 INCL PROPS)DITCH T416 DRIFT T320 RICED RICED-STAR.....	1100-0300
WINDSOR LOCKS(BDL)	(90-170 INCL)DITCH T416 DRIFT T320 RICED KEYED MAD BRISS.....	1100-0300
PITTSBURGH(PIT)		
CLEVELAND(CLE).....	(6000'-17000' INCL; RNAV TURBOJET)BSV ROLLN ROLLN (RNAV)-STAR	1100-0300
DETROIT(DTW)	(60-170 INCL; DME/DME/IRU OR GPS REQUIRED)(DTW SOUTH FLOW)BSV EEEZI BONZZ BONZZ (RNAV)-STAR.....	
	or	
	(60-170 INCL; DME/DME/IRU OR GPS REQUIRED)(DTW NORTH FLOW)BSV EEEZI BONZZ KLYNK (RNAV)-STAR	
PROVIDENCE(PVD)		
ERIE(ERI)	(080-100; RNAV/GNSS EQUIPPED)CTR V270 ULW JHW	
NEW YORK(LGA).....	(110-170 INCL.; RNAV)PUT NELIE IGN VALRE HAARP-STAR.....	1100-0300
	or	
	(110-170; LESS THAN 250 KTS)PVD V146 BAF PWL V405 CASH V123 HAARP	1100-0300
NEWARK(EWR)	(110-170; TURBOJETS - ADVANCED RNAV)PUT NELIE FLOSI (RNAV)-STAR	1100-0300
	or	
	(110-170; NON-TURBOJET)PUT V146 BAF MOBBS SAGES V489 COATE	1100-0300
ROCHESTER(ROC)		
BALTIMORE(BWI)	GEE ULW T445 SEG T291 HAR	
NEW YORK(JFK)	(90-170 INCL. PROPS)V34 BEEPS RKA V433 PWL V44 DPK	1100-0300
SYRACUSE(SYR)		
BOSTON(BOS)	SYR T608 MARIA PONCT JFUND (RNAV)-STAR.....	1100-0300
NEW YORK(JFK)	(70-170 INCL, NON-JET)V433 LOVES V44 DPK	1100-0300
NEWARK(EWR)	(PROPS, TURBOPROPS LESS THAN 250K)HMK V167 WEARD V489 COATE.....	
	or	
	(110-170 INCL; TURBOJETS, NON-TURBOJETS CAPABLE OF 250K OR GREATER)HMK FLOSI (RNAV)-STAR.....	
PHILADELPHIA(PHL).....	(110-160; TURBOJETS ONLY)SYR V35 ULW T440 LOPEZ LVZ SPUDS (RNAV)-STAR	
TETERBORO(TEB)		
ALBANY(ALB)	(110-150 ONLY)BREZY V39 SOARS V487 CANAN .	1100-0300
AUBURN/LEWISTON(LEW)	(110-170 INCL)BREZY V39 CMK V39 SOARS V487 CAM CON	1100-0300
AUGUSTA(AUG)	(110-170 INCL)BREZY V39 CMK V39 SOARS V487 CAM CON	1100-0300
BANGOR(BGR)	(110-170 INCL)BREZY V39 CMK V39 SOARS V487 CAM CON AUG.....	1100-0300
BAR HARBOR(BHB)	(110-170 INCL)BREZY V39 CMK V39 SOARS V487 CAM CON AUG.....	1100-0300
BARRE/MONTPELIER(MPV)	(110-170 INCL)BREZY V39 CMK V39 SOARS V487 CAM	1100-0300
BEDFORD(BED)	(110-170 INCL)BREZY V39 CMK MERIT HFD DREAM (RNAV)-STAR.....	1100-0300
BEVERLY(BVY).....	(110-170 INCL)BREZY V39 CMK MERIT HFD DREAM (RNAV)-STAR.....	1100-0300
BOSTON(BOS)	(110-170 INCL; PROPS ONLY)BREZY V39 CMK MERIT ORW WOONS-STAR	1100-0300
	or	
	(110-170 INCL; JETS ONLY)BREZY V39 CMK MERIT ROBUC (RNAV)-STAR.....	1100-0300
BURLINGTON(BTV).....	(110-170 INCL)BREZY V39 CMK GREKI V39 SOARS V487 BTV	1100-0300
CONCORD(CON)	(110-150 INCL)BREZY V39 CMK MERIT HFD T315 GDM	1100-0300
GLENS FALLS(GFL)	(110-170 INCL)BREZY V39 CMK V39 SOARS V487 CAM	1100-0300
HYANNIS(HYA)	(110-170 INCL)BREZY V39 CMK BAYYS SEALL V188 GON V374 MVY	1100-0300

PREFERRED IFR ROUTES

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Terminals	Route	Effective Times (UTC)
KEENE(EEN)	(110-130 ONLY)BREZY V39 CMK MERIT HFD T315 GDM	1100-0300
LACONIA(LCI)	(110-170 INCL)BREZY V39 CMK MERIT HFD T315 GDM CON	1100-0300
LAKE PLACID(LKP)	(110-170 INCL)BREZY V39 SOARS V487 CAM	1100-0300
LAWRENCE(LWM)	(110-170 INCL)BREZY V39 CMK MERIT HFD GRAYM-STAR	1100-0300
LEBANON(LEB)	(110-170 INCL)BREZY V39 CMK MERIT HFD KEYNN	1100-0300
MANCHESTER(MHT)	(110-170 INCL; PROPS ONLY)BREZY V39 CMK MERIT HFD T315 GDM T314 MANCH	1100-0300
NANTUCKET(ACK)	(110-170 INCL; PROPS ONLY)BREZY V39 CMK BAYYS SEALL V188 GON DEEPO (RNAV)-STAR	1100-0300
NASHUA(ASH)	(110-170 INCL)BREZY V39 CMK MERIT HFD T315 GDM T314 MANCH	1100-0300
NEW BEDFORD(EWB)	(110-170 INCL)BREZY V39 CMK BAYYS SEALL V188 GON V374 MINNK	1100-0300
NORWOOD(OWD)	(110-170 INCL)BREZY V39 CMK MERIT ORW WOONS-STAR	1100-0300
PITTSFIELD(PSF)	(110-170 INCL)BREZY V39 CMK V39 SOARS V487 CANAN	1100-0300
PORTSMOUTH(PSM)	(110-150)BREZY V39 CMK MERIT HFD CON	
PROVIDENCE(PVD)	(110-130 ONLY)BREZY V39 CMK BAYYS SEALL V188 GON V374 MINNK	1100-0300
PROVINCETOWN(PVC)	(110-170 INCL)BAYYS SEALL V188 GON V374 MVY	1100-0300
ROCKLAND(RKD)	(110-170 INCL)BREZY V39 CMK SOARS V487 CAM CON	1100-0300
RUTLAND(RUT)	(110-170 INCL)BREZY V39 SOARS V487 CAM	1100-0300
SARANAC LAKE(SLK)	(110-170 INCL)BREZY V39 SOARS V487 CAM	1100-0300
VINEYARD HAVEN(MVY)	(110-170 INCL)BREZY V39 CMK BAYYS SEALL V188 GON V374 MVY	1100-0300
WATERVILLE(WVL)	(110-170 INCL)BREZY V39 SOARS V487 CAM CON	1100-0300
VINEYARD HAVEN(MVY)		
ERIE(ERI)	(080-100; RNAV/GNSS EQUIPPED ONLY)PVD V146 CTR V270 ULW JHW	
WASHINGTON(DCA)		
ALBANY(ALB)	KRANT V265 EMI V457 LRP T449 CFB V270 DNY	1100-0300
ALLENTOWN(ABE)	KRANT V265 EMI V457 LRP V39 ETX FJC	1100-0300
ATLANTIC CITY(ACY)	(90-170)PALEO V44 SIE	
	or	
	(AOB 7000)PALEO V312 GOLDA T358 LEEAH	1100-0300
BEDFORD(BED)	(TURBOJETS)PALEO V44 DONIL WNSTN T320 GON ORW GRAYM-STAR	1100-0300
	or	
	(7000; SINGLE ENGINE)PALEO V312 GOLDA T358 LEEAH V1 JFK T315 HFD DREEM	1100-0300
	or	
	(70; RNAV ONLY)PALEO V312 GOLDA T358 ENO T224 JFK T315 HFD DREEM (RNAV)-STAR	1100-0300
	or	
	(7000; TWIN ENGINE)PALEO V312 GOLDA T358 AVALO T320 GRAYM DREEM	1100-0300
	or	
	(5000; SINGE ENGINE)PALEO V312 GOLDA T358 ENO T224 JFK T315 HFD DREEM	1100-0300
	or	
	(TURBOJETS)DOCTR (RNAV)-DP AGARD WNSTN T320 GON ORW DREEM (RNAV)-STAR	1100-0300
BINGHAMTON(BGM)	KRANT V265 EMI V457 LRP T449 CFB	1100-0300
BOSTON(BOS)	(7000; SINGLE ENGINE ONLY)PALEO V312 GOLDA T358 LEEAH V1 JFK T315 HFD V3 WOONS	1100-0300
	or	
	(5000; SINGLE ENGINE ONLY)PALEO V312 GOLDA T358 ENO T224 JFK T315 HFD V3 WOONS	1100-0300
	or	
	(7000; TWIN ENGINE)PALEO V312 GOLDA T358 AVALO T320 YANTC T224 WOONS	1100-0300
	or	
	(90-170 INCL)PALEO V44 DONIL T358 WNSTN T320 YANTC T224 WOONS	1100-0300

PREFERRED IFR ROUTES

Terminals	Route	Effective Times (UTC)
BRIDGEPORT(BDR)	(90-170)PALEO V44 DONIL WNSTN T320 RICED KEYED or DOCTR (RNAV)-DP AGARD WNSTN T320 RICED KEYED	1100-0300
BURLINGTON(BTV)	(GPS OR DME/DME OR IRU EQUIPPED)KRANT V265 EMI V457 LRP T295 LAAYK T291 ALB	1100-0300
CHARLESTON(CRW)	(PROPS)CSN WITTO HVQ	1100-0300
CHESTER(SNC)	(TURBOJETS)REBL (RNAV)-DP OTTTO HVQ	1100-0300
CONCORD(CON)	DOCTR (RNAV)-DP AGARD WNSTN T320 RICED KEYED (90-170)PALEO V44 DONIL WNSTN T320 GDM	1100-0300
DXR,HPN	DOCTR (RNAV)-DP AGARD WNSTN T320 RICED RICED-STAR	
EAST HAMPTON(JPX)	DOCTR (RNAV)-DP AGARD WNSTN T320 ORCHA ..	
FARMINGDALE(FRG)	(90-170; PROPS)PALEO V44 DONIL T315 PANZE V44 CAMRN	
	or (5000; SINGLE ENGINE ONLY)PALEO V312 GOLDA T358 ENO T224 JFK	1100-0300
	or (7000; TWIN ENGINE)PALEO V312 GOLDA T358 ENO LEEAH T315 PANZE V184 ZIGGI	1100-0300
	or (7000; SINGLE ENGINE ONLY)PALEO V312 GOLDA T358 LEEAH V1 JFK	1100-0300
	or (90-170; -250 KTS)PALEO V44 DONIL T315 ACY V184 ZIGGI	
GREENSBORO(GSO)	(70-170 INCL; NON-JET)CSN V140 MOL V143 LYH V222 HENBY	
HAGERSTOWN(HGR)	V265 EMI EMI325 HGR089	1100-0300
HARRISBURG(CXY)	KRANT V265 EMI V265	1100-0300
HARRISBURG(MDT)	KRANT V265 EMI V265	1100-0300
HARTFORD(HFD)	(90-170)PALEO V44 DONIL WNSTN T320 RICED MAD V1 HFD	1100-0300
	or (7000; SINGLE ENGINE ONLY)PALEO V312 GOLDA T358 LEEAH V1 JFK	
	or (5000; SINGLE ENGINE ONLY)PALEO V312 GOLDA T358 ENO T224 JFK	
	or (7000; TWIN ENGINE)PALEO V312 GOLDA T358 AVALO T320 RICED MAD V1 HFD	
MATTITUCK(21N)	DOCTR (RNAV)-DP AGARD WNSTN T320 ORCHA ..	
MONTAUK(MTP)	DOCTR (RNAV)-DP AGARD WNSTN T320 ORCHA ..	
NANTUCKET(ACK)	(7000; SINGLE ENGINE ONLY)PALEO V312 GOLDA T358 LEEAH V1 JFK T315 EEGOR MAD CARLD V188 GON T216 NEWBE T300 DEEPO	
	or (7000; TWIN ENGINE)PALEO V312 GOLDA T358 AVALO T320 ORCHA SEY NEWBE DEEPO	
	or (5000; SINGLE ENGINE ONLY)PALEO V312 GOLDA T358 ENO T224 JFK T315 EEGOR MAD CARLD V188 GON T216 NEWBE T300 DEEPO	
	or (110-170)DOCTR (RNAV)-DP AGARD V44 DONIL WNSTN T320 ORCHA LIBBE FLAPE DEEPO	1100-0300
NEW HAVEN(HVN)	(5000; SINGLE ENGINE ONLY)PALEO V312 GOLDA T358 ENO T224 JFK T315 EEGOR	1100-0300
	or DOCTR (RNAV)-DP AGARD WNSTN T320 RICED KEYED or (7000; TWIN ENGINE)PALEO V312 GOLDA T358 AVALO T320 RICED KEYED	1100-0300
	or (7000; SINGLE ENGINE ONLY)PALEO V312 GOLDA T358 LEEAH V1 JFK T315 EEGOR	1100-0300

PREFERRED IFR ROUTES

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Terminals	Route	Effective Times (UTC)
NEW YORK (ISP)	(5000; SINGLE ENGINE ONLY)PALEO V312 GOLDA T358 ENO T224 JFK	1100-0300
	or (7000; TWIN ENGINE)PALEO V312 GOLDA T358 AVALO T320 SARDI CCC	
NEW YORK (JFK)	(7000; SINGLE ENGINE ONLY)PALEO V312 GOLDA T358 LEEAH V1 JFK	1100-0300
	or (90-170)PALEO V44 DONIL WNSTN T320 SARDI CCC	
NEW YORK (SWF)	(90-170 INCL 250 KTS OR GREATER)PALEO V44 DONIL T315 PANZE V44 CAMRN	1100-0300
	or (90-170)PALEO V44 DONIL T315 PANZE V184 ZIGGI (GPS OR DME/DME OR IRU EQUIPPED)KRANT V265 EMI V457 LRP T295 PRNCE FILPS	
NEWARK (EWR)	(TURBOPROPS)PALEO V170 SWANN BRAND (RNAV)-STAR	1100-0300
NORFOLK (ORF)	WHINO COLIN T291 FAGED V286 STEIN	1100-0300
	or AMEEE (RNAV)-DP COLIN FAGED STEIN	
OXFORD (OCX)	DOCTR (RNAV)-DP AGARD WNSTN T320 RICED KEYED (TURBOJETS)DOCTR (RNAV)-DP DOCTR DQO	1100-0400
PHILADELPHIA (PHL)	or (110; JETS)MITCH SWANN T356 ODESA DQO	1100-0300
	or (PROPS)PALEO V170 DQO	
PORTLAND (PWM)	(7000; SINGLE ENGINE ONLY)PALEO V312 GOLDA T358 LEEAH T315 JFK V1 HFD T315 GDM T314 ENE ..	1100-0300
	or (7000; TWIN ENGINE)PALEO V312 GOLDA T358 AVALO T320 GDM CON NEETS	
POUGHKEEPSIE (POU)	(5000; SINGLE ENGINE ONLY)PALEO V312 GOLDA T358 ENO T224 JFK T315 GDM T314 ENE	1100-0300
	(GPS OR DME/DME OR IRU EQUIPPED)KRANT V265 EMI V457 LRP T295 PRNCE FILPS	
PROVIDENCE (PVD)	(90-170)PALEO V44 DONIL WNSTN T320 ORCHA JORDN MINNK	1100-0300
	or (90-170; TURBOJETS. TURBOPROPS)PALEO V44 DONIL WNSTN T320 BEADS HTO JORDN (RNAV)-STAR	
ROME (RME)	KRANT V265 EMI V457 LRP T449 CFB LAMMS.....	1100-0300
TETERBORO	(TURBOPROP)PALEO V170 SWANN MAZIE (RNAV)-STAR	1100-0400
METRO (TEB, CDW, LDJ, MMU, SMQ, 47N)	(7000; TWIN ENGINE)PALEO V312 GOLDA T358 AVALO T320 ORCHA LIBBE FLAPE DEEPO	1100-0300
VINEYARD HAVEN (MVY)	or (7000; SINGLE ENGINE ONLY)PALEO V312 GOLDA T358 LEEAH V1 JFK T315 EEGOR MAD CARLD V188 GON V374 MVY	
	or (90-170)PALEO V44 DONIL WNSTN T320 ORCHA LIBBE FLAPE DEEPO	1100-0300
	or (5000; SINGLE ENGINE ONLY)PALEO V312 GOLDA T358 ENO T224 JFK T315 EEGOR MAD CARLD V188 GON V374 MVY	

PREFERRED IFR ROUTES

Terminals	Route	Effective Times (UTC)
WESTFIELD/SPRINGFIELD(BAF)	(90-170)PALEO V44 DONIL WNSTN T320 RICED MAD BRISS..... or (7000; TWIN ENGINE)PALEO V312 GOLDA T358 AVALO T320 RICED MAD BRISS..... or (5000; SINGLE ENGINE ONLY)PALEO V312 GOLDA T358 ENO T224 JFK T315 EEGOR JUDDS..... or (7000; SINGLE ENGINE ONLY)PALEO V312 GOLDA T358 LEEAH V1 JFK T315 EEGOR JUDDS	1100-0300
WESTHAMPTON BEACH(FOK)	DOCTR (RNAV)-DP AGARD WNSTN T320 ORCHA ..	
WHITE PLAINS(HPN)	(70, LESS THAN 180KTS)POLLA V170 ODESA MXE ARD METRO V249 SAX V39 BREZY	
	or (90-170; TURBOJETS)DOCTR (RNAV)-DP AGARD V44 DONIL WNSTN T320 RICED RICED-STAR	1100-0300
	or (70)KRANT V265 EMI LRP ETX FJC BWZ SAX V39 BREZY	
WILKES-BARRE/SCRANTON(AVP)	KRANT V265 EMI V457 LRP T295 LVZ	1100-0300
WINDSOR LOCKS(BDL)	(7000; SINGLE ENGINE ONLY)PALEO V312 GOLDA T358 LEEAH V1 JFK T315 EEGOR	1100-0300
	or (7000; TWIN ENGINE)PALEO V312 GOLDA T358 AVALO T320 BEADS HTO DEER PARK-STAR	1100-0300
	or (90-170)PALEO V44 DONIL WNSTN T320 BEADS HTO DEER PARK-STAR.....	1100-0300
	or (210 KTS OR LESS. GPS OR DME/DME OR IRU EQUIPPED)KRANT V265 EMI V457 VINNY T295 LAAYK T212 WEETS V34 MOONII T216 JUDDS ...	1100-0300
	or (5000; SINGLE ENGINE ONLY)PALEO V312 GOLDA T358 ENO T224 JFK T315 EEGOR	1100-0300
WASHINGTON(IAD)		
BRIDGEPORT(BDR)	(90-170 INCL)WOOLY (RNAV)-DP AGARD WNSTN T320 RICED KEYED.....	
CHESTER(SNC)	WOOLY (RNAV)-DP AGARD WNSTN T320 RICED KEYED	
DXR,HPN	WOOLY (RNAV)-DP AGARD WNSTN T320 RICED RICED-STAR	
EAST HAMPTON(JPX).....	WOOLY (RNAV)-DP AGARD WNSTN T320 ORCHA..	
GREENSBORO(GSO).....	(70-170 INCL, NON JET)CSN V140 MOL V143 LYH V222 HENBY	
GROTON (NEW LONDON)(GON).....	WOOLY (RNAV)-DP AGARD WNSTN T320 ORCHA MONDI	
MATTITUCK(21N)	WOOLY (RNAV)-DP AGARD WNSTN T320 ORCHA..	
MONTAUK(MTP)	WOOLY (RNAV)-DP AGARD WNSTN T320 ORCHA..	
NEW HAVEN(HVN)	WOOLY AGARD WNSTN T320 RICED KEYED	
NEW YORK(ISP).....	(90-170 INCL)WOOLY T356 OBWON PALEO WNSTN T320 SARDI CCC.....	
NEW YORK(JFK)	(90-170 INCL. LESS THAN 250 KTS)WOOLY T356 OBWON PALEO DONIL T315 ACY V184 ZIGGI..... or (90-170 INCL. 250 KNTS OR GREATER; TURBOJETS)(PART 121 & 129 ONLY)JCOBY (RNAV)-DP AGARD DONIL T315 PANZE V44 CAMRN	1100-0300
NEW YORK(LGA).....	(TURBOJETS ONLY)JCOBY (RNAV)-DP AGARD SPEAK PROUD (RNAV)-STAR..... or (90-170 INCL.; TURBOPROPS)WOOLY T356 SWANN APPLE (RNAV)-STAR	1100-0300
	or (PROPS)WOOLY T356 ODESA DQO V479 RUUTH V123 RENUE	
NEW YORK(SWF)	(GPS OR DME/DME OR IRU EQUIPPED)MRB REES SCAPE PYCAT SEG T212 LAAYK PRNCE FILPS	

Terminals	Route	Effective Times (UTC)
NEWARK(EWR).....	(110-170 INCL; TURBOPROPS)WOOLY T356 SWANN BRAND (RNAV)-STAR	
OXFORD(OCX).....	WOOLY (RNAV)-DP AGARD WNSTN T320 RICED KEYED (7000'-17000' INCL)WOOLY T356 ODESA DQO.....	
PHILADELPHIA(PHL).....	(TURBOPROPS)WOOLY T356 SWANN MAZIE (RNAV)-STAR	
TETERBORO(TEB).....	WOOLY (RNAV)-DP AGARD WNSTN T320 ORCHA .. (7000)MRB REEES T299 HUO IGN V157 HAARP....	1100-0300
WESTHAMPTON BEACH(FOK).....	or	
WHITE PLAINS(HPN).....	(90-170 INCL)WOOLY AGARD WNSTN T320 RICED RICED-STAR	1100-0300
WHITE PLAINS(HPN)		
ALBANY(ALB).....	(110-150 ONLY)CMK V39 SOARS V487 CANAN.....	1100-0300
AUBURN/LEWISTON(LEW).....	(110-170 INCL)CMK V39 SOARS V487 CAM CON ..	1100-0300
AUGUSTA(AUG).....	(110-170 INCL)CMK V39 SOARS V487 CAM CON ..	1100-0300
BALTIMORE(BWI).....	(TURBOJETS ONLY)BIGGY V3 MXE V378 NUGGY TRISH (RNAV)-STAR	
BANGOR(BGR).....	(110-170 INCL)CMK V39 SOARS V487 CAM CON AUG	1100-0300
BAR HARBOR(BHB).....	(110-170 INCL)CMK V39 SOARS V487 CAM CON AUG	1100-0300
BARRE/MONTPELIER(MPV).....	(110-170 INCL)CMK V39 SOARS V487 CAM.....	1100-0300
BEVERLY(BVY).....	(110-170 INCL)MERIT HFD DREEM (RNAV)-STAR ..	1100-0300
BINGHAMTON(BGM).....	(90-170 INCL)HAAYS HUO V252 CFB.....	1100-0300
BOSTON(BOS).....	(110-170; NON-TURBOJET)MERIT ORW WOONS-STAR ..	1100-0300
	or	
	(110-170; DME/DME/IRU OR GNSS REQUIRED)MERIT ROBUC (RNAV)-STAR	1100-0300
BURLINGTON(BTV).....	(110-170 INCL)CMK V39 SOARS V487 BTV.....	1100-0300
CONCORD(CON).....	(110-150 INCL)MERIT HFD T315 GDM	1100-0300
ELMIRA/CORNING(ELM).....	(90-170 INCL)COATE LAAAYK ULW	1100-0300
FITCHBURG(FIT).....	(110-170 INCL)MERIT HFD GRAYM-STAR	1100-0300
GLENS FALLS(GFL).....	(110-170 INCL)CMK V39 SOARS V487 CAM.....	1100-0300
HARRISBURG(CXY).....	(90-100)LANNA T430 ETX T299 HWANG.....	1100-0300
	or	
	(110-170 INCL)ELIOT V39 ETX T299 HWANG.....	1100-0300
HYANNIS(HYA).....	(110-170 INCL)BAYYS SEALL V188 GON V374 MVY	1100-0300
KEENE(EEN).....	(110-170 INCL)MERIT HFD T315 GDM	1100-0300
LACONIA(LCI).....	(110-170 INCL)MERIT HFD T315 GDM CON	1100-0300
LAKE PLACID(LKP).....	(110-170 INCL)CMK V39 SOARS V487 CAM.....	1100-0300
LAWRENCE(LWM).....	(110-170 INCL)MERIT HFD GRAYM-STAR	1100-0300
LEBANON(LEB).....	(110-170 INCL)MERIT HFD KEYNN	1100-0300
MANCHESTER(MHT).....	(110-170 INCL; PROPS ONLY)MERIT HFD T315 GDM T314 MANCH.....	1100-0300
	or	
	(110-170 INCL; JETS ONLY)MERIT HFD CRIBB ROZZE (RNAV)-STAR	1100-0300
MONTREAL(CYUL).....	(70-170 INCL)GREKI V39 SOARS V487 BTV PBERG CARTR (CANADIAN) (RNAV)-STAR.....	
NANTUCKET(ACK).....	(110-170 INCL; JETS ONLY)BAYYS SEALL V188 GON DEEPO (RNAV)-STAR.....	1100-0300
NASHUA(ASH).....	(110-170 INCL)MERIT HFD T315 GDM T314 MANCH	1100-0300
NEW BEDFORD(EWB).....	(110-170 INCL)BAYYS SEALL V188 GON V374 MINNK	1100-0300
NORFOLK(ORF).....	(90-170 INCL)WHITE V1 CCV.....	1100-0300
NORWOOD(OWD).....	(110-170 INCL)MERIT ORW WOONS-STAR	1100-0300
PITTSBURGH(PIT).....	(90-170 INCL)COATE LAAAYK T216 PSB HAYNZ (RNAV)-STAR	
PITTSFIELD(PSF).....	(110-170 INCL)CMK V39 SOARS V487 HIDAL	1100-0300
PORTLAND(PWM).....	(110-170 INCL)CMK V39 SOARS V487 CAM CDOGG (RNAV)-STAR	1100-0300
PORTSMOUTH(PSM).....	(110-150)MERIT HFD CON	
PROVIDENCE(PVD).....	(110-130 ONLY)BAYYS SEALL V188 GON V374 MINNK	1100-0300
PROVINCETOWN(PVC).....	(110-170 INCL)BAYYS SEALL V188 GON V374 MVY	1100-0300
RICHMOND(RIC).....	(110-170 INCL)WHITE V1 JAMIE	1100-0300
ROCHESTER(ROC).....	(9000-17000 INCL)HAAYS HUO V252 GIBBE	1100-0300
ROCKLAND(RKD).....	(110-170 INCL)CMK V39 SOARS V487 CAM CON ..	1100-0300
RUTLAND(RUT).....	(110-170 INCL)CMK V39 SOARS V487 CAM.....	1100-0300
SARANAC LAKE(SLK).....	(110-170 INCL)BREZY V39 SOARS V487 CAM.....	1100-0300

PREFERRED IFR ROUTES

Terminals	Route	Effective Times (UTC)
SYRACUSE(SYR)	(140-170 INCL)HAAYS HUO V252 CFB	1100-0300
	or	
	(90-130 INCL)HAAYS HUO V252 CFB V29	1100-0300
TORONTO(CYYZ).....	(90-170 INCL)COATE LAAYK ULW WOZEE LINNG (CANADIAN) (RNAV)-STAR	
VINEYARD HAVEN(MVY)	(110-170 INCL)BAYYS T315 SEALL V188 GON V374 MVY	1100-0300
WASHINGTON(DCA).....	(90-170 INCL PROPS)BIGGY V3 MXE V378 BAL	1100-0300
WASHINGTON(IAD).....	(140-170 INCL PROPS)ELIOT V39 LRP V143 MULRR AML	1100-0300
	or	
	(90-130 INCL PROPS)LANNA T430 ETX V39 LRP V143 MULRR AML	1100-0300
WATERVILLE(WVL)	(110-170 INCL)CMK V39 SOARS V487 CAM CON..	1100-0300
WILKES-BARRE/SCRANTON(AVP).....	(90-170 INCL)COATE T218 TALLI LVZ.....	1100-0300
WINDSOR LOCKS(BDL)		
ERIE(ERI)	(080-100; RNAV/GNSS EQUIPPED ONLY)CTR V270 ULW JHW	
NEWARK(EWR)	(110-170 INCL; MORE THAN 250 KTS)VEERS IGN FLOSI FLOSI (RNAV)-STAR.....	1100-0300
	or	
	(70-170 INC; RNAV ONLY, 250K OR LESS)MOBBS SAGES V489 COATE	1100-0300
PHILADELPHIA(PHL)	(60-170 INCL, PROPS 210 KTS PLUS; PROPS, GPS OR DME/DME OR IRU EQUIPPED)MOBBS SAGES LAAYK LVZ V29 SLATT V6 FJC MAZIE	1100-0300
	or	
	(60-170 INCL PROPS LESS THAN 210 KTS; PROPS, GPS OR DME/DME OR IRU EQUIPPED)MOBBS SAGES LAAYK LVZ V29 SLATT V6 FJC MAZIE.....	1100-0300
	or	
	(110-170 INCL; NON-TURBOJET)HFD T216 THUMB ORCHA T320 BRIGS ACY V184 OOD	1100-0300
	or	
	(60-170; TURBOJETS ONLY. GPS OR DME/DME OR IRU EQUIPPED)MOBBS T295 LAAYK WLKES T455 FJC T221 MAZIE	1100-0300
PHILADELPHIA(PNE).....	(110-170; NON-TURBOJET)HFD T216 THUMB ORCHA T320 BRIGS CEDAR LAKE-STAR	1100-0300
	or	
	(090-170; TURBOJETS ONLY. GPS OR DME/DME OR IRU EQUIPPED)MOBBS SAGES LAAYK LVZ V29 ETX T430 TROXL ARD.....	1100-0300
	or	
	(110-170)(WATER ROUTE)BOS LUCOS SEY ORCHA T320 MANTA T438 ARD.....	1100-0300
	or	
	MOBBS T295 LAAYK WLKES T455 FJC ARD	1100-0300
TRENTON(TTN)	MOBBS T295 LAAYK WLKES T455 FJC ARD	1100-0300
	or	
	(110-170)(WATER ROUTE)HFD T216 THUMB ORCHA T320 MANTA T438 ARD.....	1100-0300
	or	
	(090-170; TURBOJETS ONLY. GPS OR DME/DME OR IRU EQUIPPED)MOBBS SAGES LAAYK LVZ V29 ETX T430 TROXL ARD.....	1100-0300
WILMINGTON(ILG).....	(110-170; NON-TURBOJET)HFD T216 THUMB ORCHA T320 BRIGS CEDAR LAKE-STAR	1100-0300
	or	
	(110-170; NON-TURBOJET)HFD T216 THUMB ORCHA T320 BRIGS ACY V184 OOD	1100-0300
WORCESTER(ORH)		
ERIE(ERI)	(080-100; RNAV/GNSS EQUIPPED ONLY)CTR V270 ULW JHW	

SPECIAL LOW ALTITUDE PREFERRED DIRECTION ROUTES

Terminals	Route	Effective Times (UTC)
BI-DIRECTIONAL ROUTES FOR TRAFFIC OVERFLYING NEW YORK METRO		
EAST OF NY METRO.....	V139	1100-0300
WEST OF NY METRO.....	V93	1100-0300
TRAFFIC OVERFLYING THE WASHINGTON, DC METRO AREA		
S BND.....	MXE T456 SCAPE T299 BAMMY	1100-0300
.....	T299.....	1100-0300
.....	T299 KAIJE T287	1100-0300

HIGH ALTITUDE

Terminals	Route	Effective Times (UTC)
ALBANY(ALB)		
ATLANTA(ATL).....	ACOVE DBABE Q448 PTW J48 MOL FLASK OZZI (RNAV)-STAR	1100-0400
BALTIMORE(BWI).....	PWL BIZEX Q75 MXE V378 NUGGY TRISH (RNAV)-STAR	1100-0300
CHARLOTTE(CLT).....	PWL BIZEX Q75 GVE LYH CHSLY (RNAV)-STAR	1100-0300
CHICAGO(ORD).....	(DME/DME/IRU OR GNSS REQUIRED)PAYGE Q822 FNT WYNDE (RNAV)-STAR	1100-0300
COVINGTON(CVG).....	(DME/DME/IRU OR GNSS REQUIRED)PAYGE Q822 GONZZ JOSSY MAULL KODIE CTW TIGRR (RNAV)-STAR	1100-0300
DETROIT(DTW).....	(DME/DME/IRU OR GPS REQUIRED)(DTW SOUTH FLOW)PAYGE Q822 GONZZ DONEO TPGUN (RNAV)-STAR	1100-0300
	or	
	(DME/DME/IRU OR GPS REQUIRED)(DTW NORTH FLOW)PAYGE Q822 GONZZ DONEO CUUGR (RNAV)-STAR	1100-0300
FORT LAUDERDALE(FLL).....	PWL BIZEX Q75 SLOJO Q83 JEVED Q97 PRMUS CUUDA (RNAV)-STAR	
FORT MYERS(RSW).....	PWL BIZEX Q75 SLOJO Q103 CYNTA SHFTY (RNAV)-STAR	1100-0300
MIAMI(MIA).....	PWL BIZEX Q75 SLOJO Q83 JEVED Q97 DEBRL CSTAL (RNAV)-STAR	
MINNEAPOLIS(MSP).....	ARNII Q816 KELTI Q812 ZOHAN CEWDA MUSCL (RNAV)-STAR	1100-0400
MYRTLE BEACH(MYR).....	PWL BIZEX Q75 GVE SBV RDU	1100-0300
ORLANDO(MCO).....	(MCO LANDING SOUTH)PWL BIZEX Q75 SLOJO Q83 ROYCO Q85 LPERD GTOUT (RNAV)-STAR	
	or	
	(MCO LANDING NORTH)PWL BIZEX Q75 SLOJO Q83 ROYCO Q85 LPERD SNFLD (RNAV)-STAR	
ORLANDO(SFB).....	PWL BIZEX Q75 SLOJO Q83 ROYCO Q85 LPERD TTHOR (RNAV)-STAR	1100-0300
PUNTA GORDA(PGD).....	(JETS/TURBOPROPS ONLY)PWL BIZEX Q75 SLOJO Q103 PUPYY KYUULUBBR (RNAV)-STAR	
RALEIGH/DURHAM(RDU).....	PWL BIZEX Q75 GVE MELTN ALDAN (RNAV)-STAR	
SAVANNAH(SAV).....	PWL BIZEX Q75 GSO CTF CANTR PLZZZ	1100-0300
ST PETERSBURG-CLEARWATER(PIE) ..	PWL BIZEX Q75 TEUFL BAAMF DADES (RNAV)-STAR	1100-0300
TAMPA(TPA).....	PWL BIZEX Q75 TEUFL BAAMF DADES (RNAV)-STAR	1100-0300
WASHINGTON(DCA).....	PWL BIZEX Q75 MXE CLIPR (RNAV)-STAR	1100-0300
WASHINGTON(IAD).....	(AOA FL240; TURBOJETS)ACOVE FILGA HYPER (RNAV)-STAR	
	or	
	(AOB 220; TURBOPROPS)ALB CEDOR HNK FQM LEGGO (RNAV)-STAR	1100-0300
WEST PALM BEACH(PBI).....	PWL BIZEX Q75 SLOJO Q83 JEVED Q97 KENLL CPTAN (RNAV)-STAR	
ATLANTIC CITY(ACY)		
06FA,BCT,F45,PBI.....	(JETS ONLY)(WATER)LEEAH ATR TRPOD Q409 CRPLR EARZZ Q131 WAALT Y289 DULEE CLMNT (RNAV)-STAR	
06FA,BCT,FXE,PBI,PMP	LEEAH ATR TRPOD Q409 CRPLR PAACK Q97 KENLL CPTAN (RNAV)-STAR	

PREFERRED IFR ROUTES

Effective
Times (UTC)

Terminals	Route	
07FA,FLL,HST,HWO,MIA,OPF,TMB,X51	(VLJ)/TURBPROP ONLY: INCL EA50,E50P,SF50,C510,C525)LEEAH ATR TRPOD Q409 CRPLR PAACK Q97 KENLL TARPEN (RNAV)-STAR	
APF,FMY,MKY,RSW	LEEAH ENO SWANN YANNI GVE Q75 SLOJO Q103 CYNTA SHFTY (RNAV)-STAR	
	or	
	(JETS ONLY)(WATER)LEEAH ATR TRPOD Q409 CRPLR EARZZ Q131 WAALT Y289 BAHAA HIBAC SHFTY (RNAV)-STAR	
	or	
ATLANTA(ATL)	LEEAH ATR TRPOD Q409 PUPYY Q103 CYNTA SHFTY (RNAV)-STAR	
	LEEAH ENO SWANN YANNI CSN J48 MOL FLASK OZZZI (RNAV)-STAR	
FLL,OPF	(JETS ONLY, EXCLUDES EA50, E50P, SF50, CS10, C525)(WATER)LEEAH ATR TRPOD Q409 CRPLR KOOKI Q133 CHIEZ Y291 MAJIK CUUDA (RNAV)-STAR	
	or	
	(JETS ONLY, EXCLUDES EA50, E50P, SF50, C510, C525)LEEAH ATR TRPOD Q409 CRPLR PAACK Q97 PRMUS CUUDA (RNAV)-STAR	
ISM,LEE,MCO,ORL,SFB	(JETS ONLY)(WATER)LEEAH ATR TRPOD Q409 CRPLR EARZZ Q131 WAALT Y289 BAHAA HIBAC ALYNA (RNAV)-STAR	
ISM,MCO	(MCO LANDING NORTH)LEEAH ATR TRPOD Q409 CRPLR Q85 LPERD SNFLD (RNAV)-STAR	
MCF,PIE,TPA,VDF	LEEAH ENO SWANN YANNI GVE Q75 TEUFL BAAMF DADES (RNAV)-STAR	
	or	
	LEEAH ATR TRPOD Q409 PUPYY BAAMF DADES (RNAV)-STAR	
MYRTLE BEACH(MYR)	LEEAH ATR TRPOD Q409 CRPLR PAACK WYLSM ...	
ORLANDO(MCO)	(MCO LANDING SOUTH)LEEAH ATR TRPOD Q409 CRPLR Q85 LPERD GTOUT (RNAV)-STAR	
BAF,BDL,HFD		
06FA,BCT,F45,PBI	(JETS ONLY)(WATER)COASTAL-DP CCC Q97 KALDA Q131 WAALT Y289 DULCE CLMNT (RNAV)-STAR	
06FA,BCT,FXE,PBI,PMP	COASTAL-DP CCC Q97 KENLL CPTAN (RNAV)-STAR	
07FA,FLL,HST,HWO,MIA,OPF,TMB,X51	(VLJ)/TURBPROP ONLY: INCL EA50,E50P,SF50,C510,C525)COASTAL-DP CCC Q97 KENLL TARPEN (RNAV)-STAR	
07FA,HST,MIA,TMB,X51	(JETS ONLY, EXCLUDES EA50, E50P, SF50, C510, C525)(WATER)COASTAL-DP CCC Q97 KALDA Q101 SKARP Y313 HOAGG BNFSH (RNAV)-STAR	
	or	
	COASTAL-DP CCC Q97 DEBRL CSTAL (RNAV)-STAR	
7FL6,DAB,DED,EVB,LEE,OMN,ORL,SFB,X 50	COASTAL-DP CCC Q97 SAWED MOXXY Q85 LPERD TTHOR (RNAV)-STAR	1100-0300
BWI,MTN	COASTAL-DP CCC TOPRR Q167 ZIZZI KNUKK ATR LAFNL MIIDY (RNAV)-STAR	1100-0300
CHS,JZI	(TURBOJETS)COASTAL-DP CCC Q97 SAWED DFENC Q109 LAANA AMYLU AMYLU (RNAV)-STAR	
FLL,OPF	COASTAL-DP CCC Q97 PRMUS CUUDA (RNAV)-STAR	
	or	
	(JETS ONLY, EXCLUDES EA50, E50P, SF50, C510, C525)(WATER)COASTAL-DP CCC Q97 KALDA Q133 CHIEZ Y291 MAJIK CUUDA (RNAV)-STAR	
ISM,LEE,MCO,ORL,SFB	(JETS ONLY)(WATER)COASTAL-DP CCC Q97 KALDA Q131 WAALT Y289 BAHAA HIBAC ALYNA (RNAV)-STAR	
ISM,MCO	(MCO LANDING NORTH)COASTAL-DP CCC Q97 SAWED MOXXY Q85 LPERD SNFLD (RNAV)-STAR	
JACKSONVILLE(JAX)	(TURBOJETS ONLY; DME/DME/IRU OR GPS REQUIRED)COASTAL-DP CCC Q97 SAWED GUILD Q409 SESUE ESENT LUNNI (RNAV)-STAR	
MYRTLE BEACH(MYR)	COASTAL-DP CCC Q97 PAACK WYLSM	
ORLANDO(MCO)	(MCO LANDING SOUTH)COASTAL-DP CCC Q97 SAWED MOXXY Q85 LPERD GTOUT (RNAV)-STAR	

PREFERRED IFR ROUTES

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Terminals	Route	Effective Times (UTC)
SAN JUAN(TJSJ)	(WATER)COASTAL-DP CCC SPDEY Y489 RESQU SKPPR L455 LENNT M423 PLING RTE7 SAALR	
	or (WATER)COASTAL-DP CCC SPDEY Y488 SAUCR L453 CERDA FIPEK Y355 PLING RTE7 SAALR	
SAVANNAH(SAV).....	COASTAL-DP CCC Q97 SAWED GUILD Q409 SESUE SOOP.....	
WASHINGTON(DCA).....	(TURBOJETS)COASTAL-DP CCC TOPRR Q167 ZIZI KNUKK ATR LAFLN DEALE (RNAV)-STAR.....	1100-0300
BALTIMORE(BWI)		
47N,CDW,LDJ,MMU,SMQ,TEB.....	(TURBOJETS)SWANN-DP SWANN JAIKE (RNAV)-STAR	
ALBANY(ALB)	SWANN-DP SWANN BROSS Q419 RBV Q22 LLUND TRUDE V487 CANAN	1100-0300
ASHEVILLE(AVL)	(TURBOJETS)TERPZ (RNAV)-DP MAULS Q40 FEEDS SUG.....	1100-0400
ATLANTA(ATL)	TERPZ (RNAV)-DP FLASK OZZZI (RNAV)-STAR	1100-0300
AUSTIN(AUS).....	TERPZ (RNAV)-DP MAULS Q40 ALEAN VXV SGS SWB LUKKN WLEEE (RNAV)-STAR.....	
BANGOR(BGR).....	SWANN-DP SWANN BROSS Q419 RBV Q22 FOXWD BOS	
BEDFORD(BED)	SWANN-DP SWANN BROSS Q419 DPK MAD HFD DREEM (RNAV)-STAR	
BIRMINGHAM(BHM)	(TURBOJETS)TERPZ (RNAV)-DP MAULS Q40 NIOLA DIODE	1100-0300
BOSTON(BOS).....	(TURBOJETS: DME/DME/IRU OR GNSS REQUIRED)SWANN-DP SWANN BROSS Q419 JFK ROBUC (RNAV)-STAR	
BRIDGEPORT(BDR)	PALEO-DP PALEO AGARD WNSTN Q439 SARDI RICED KEYED	1100-0300
BURLINGTON(BTV)	SWANN-DP SWANN BROSS Q419 RBV Q22 LLUND CAM	
CHARLOTTE(CLT).....	TERPZ (RNAV)-DP GLANC LYH CHSLY (RNAV)-STAR	
CHATTANOOGA(CHA).....	(TURBOJETS)TERPZ (RNAV)-DP MAULS Q40 ALEAN VXV	1100-0300
CHESTER(SNC)	(AOA 7000; TWIN ENGINE)PALEO-DP SIE AVALO T320 RICED KEYED	
CHICAGO(MDW).....	(TURBOJETS)TERPZ (RNAV)-DP RAMAY Q72 HACKS J149 FWA PANGG (RNAV)-STAR	
CHICAGO(ORD).....	(TURBOJETS)TERPZ (RNAV)-DP RAMAY Q72 HACKS J149 ROD WATSN (RNAV)-STAR	
CLEVELAND(CLE)	(TURBOJETS)TERPZ (RNAV)-DP JERES J211 JST UPPRR TRYBE (RNAV)-STAR	
COLUMBUS(CMH).....	(TURBOJETS)TERPZ (RNAV)-DP RAMAY Q72 HACKS SCLRT SCLRT (RNAV)-STAR	
COLUMBUS(LCK)	TERPZ (RNAV)-DP RAMAY Q72 HACKS SCLRT SCLRT (RNAV)-STAR	
COLUMBUS(OSU).....	TERPZ (RNAV)-DP RAMAY Q72 HACKS SCLRT (RNAV)-STAR	
COVINGTON(CVG)	(RNAV TURBOJETS)TERPZ (RNAV)-DP OTTTO COLNS GAVNN (RNAV)-STAR	
DALLAS(DAL).....	TERPZ (RNAV)-DP OTTTO Q80 FAREV RAMRD Q68 LITTR DIRRK HIBIL (RNAV)-STAR	
DALLAS-FORT WORTH(DFW)	(DFW SOUTH FLOW)TERPZ (RNAV)-DP OTTTO Q80 FAREV RAMRD Q68 LITTR FEWWWW SEEV (RNAV)-STAR	
	or (DFW NORTH FLOW)TERPZ (RNAV)-DP OTTTO Q80 FAREV RAMRD Q68 LITTR FEWWWW BRDJE (RNAV)-STAR	
DAYTON(DAY).....	(TURBOJETS)TERPZ (RNAV)-DP RAMAY Q72 HACKS APE DANEI-STAR	1100-0300
DETROIT SATS(DET,ARB,PTK,YIP,CYQG)	(TURBOJETS: DME/DME/IRU OR GPS REQUIRED)TERPZ (RNAV)-DP JERES J211 HAGUD WWSHR FOREY (RNAV)-STAR	
DETROIT(DTW)	(DTW SOUTH FLOW)TERPZ (RNAV)-DP MCRAY Q178 KOZAR BONZZ (RNAV)-STAR	
	or (DTW NORTH FLOW)TERPZ (RNAV)-DP MCRAY Q178 KOZAR KLYNK (RNAV)-STAR	

PREFERRED IFR ROUTES

Terminals	Route	Effective Times (UTC)
FARMINGDALE(FRG)	(180-230)PALEO-DP PALEO AGARD WNSTN Q439 SARDI CCC DPK	1000-0300
FORT MYERS(RSW)	TERPZ (RNAV)-DP RRSIN GSO Q75 SLOJO Q103 CYNTA SHFTY (RNAV)-STAR	
GREER(GSP).....	TERPZ (RNAV)-DP GLANC FUBLL JUNNR	
HOUSTON(HOU).....	(TURBOJETS)TERPZ (RNAV)-DP MAULS Q40 AEX WAPPL (RNAV)-STAR	1100-0300
HOUSTON(IAH).....	(TURBOJETS)(IAH WEST FLOW)TERPZ (RNAV)-DP MAULS Q40 AEX DOOBI (RNAV)-STAR	1100-0300
	or	
	(TURBOJETS)(IAH EAST FLOW)TERPZ (RNAV)-DP MAULS Q40 AEX SKNRD (RNAV)-STAR	1100-0300
INDIANAPOLIS(IND)	(TURBOJETS)TERPZ (RNAV)-DP RAMAY Q72 HACKS PLASH SNKPT (RNAV)-STAR	
KANSAS CITY(MCI).....	(RNAV TURBOJET/TURBOPROP)TERPZ (RNAV)-DP OTTO Q176 STL EUING RUDDH (RNAV)-STAR..	
KNOXVILLE(TYS).....	(TURBOJETS)TERPZ (RNAV)-DP MAULS Q40 ALEAN VXV	1100-0300
LOUISVILLE(SDF)	TERPZ (RNAV)-DP OTTTO Q68 YOCKY UNCKL MAUDD (RNAV)-STAR.....	
MANCHESTER(MHT)	SWANN-DP SWANN BROSS Q419 RBV Q22 LLUND SMYTH ROZZE (RNAV)-STAR	
MEMPHIS(MEM)	(TURBOJET)TERPZ (RNAV)-DP OTTTO Q80 FAREV BWG BLUZZ (RNAV)-STAR	
MILWAUKEE(MKE).....	(TURBOJETS)TERPZ (RNAV)-DP MCRAY Q178 DJB J34 CRL PEGEE GETCH LYSTR SUDDS	
MINNEAPOLIS(MSP)	(TURBOJETS)TERPZ (RNAV)-DP MCRAY Q178 DJB J34 VIO KAMMA KKILR (RNAV)-STAR	
MONTREAL(CYUL)	SWANN-DP SWANN BROSS Q419 RBV Q22 LLUND CAM JASDU PBERG CARTR (CANADIAN) (RNAV)-STAR.....	
MSY,NEW,NBG	(TURBOJETS)TERPZ (RNAV)-DP MAULS Q40 NIOLA MERN TRSSH (RNAV)-STAR	1100-0300
NANTUCKET(ACK)	SWANN-DP SWANN BROSS Q419 RBV Q430 RIFLE DEEPO (RNAV)-STAR	
NASHVILLE(BNA).....	(TURBOJETS)TERPZ (RNAV)-DP OTTTO Q80 DEWAK GROAT PASLY (RNAV)-STAR	1100-0300
NEW YORK(ISP).....	PALEO-DP SIE BRIGS Q439 SARDI CCC.....	1100-0300
NEWARK(EWR)	(GPS OR DME/DME-IRU EQUIPPED)SWANN-DP DQO PHLBO (RNAV)-STAR	1100-0300
OTTAWA(CYOW)	TERPZ (RNAV)-DP JERES J227 ULW SYR ART DEANS (CANADIAN) (RNAV)-STAR	
PITTSBURGH(PIT).....	(TURBOJETS)TERPZ (RNAV)-DP MCRAY Q178 LEJOY DEMME (RNAV)-STAR	
PORTLAND(PWM).....	SWANN-DP SWANN BROSS Q419 RBV Q22 LLUND BDR SCOGS (RNAV)-STAR.....	
PORTSMOUTH(PSM).....	SWANN-DP SWANN BROSS Q419 RBV Q22 FOXWD KLANE TTERI REMDG.....	
PROVIDENCE(PVD)	SWANN-DP SWANN BROSS Q419 RBV Q430 CREEL ORCHA JORDN JORDN (RNAV)-STAR.....	
RALEIGH/DURHAM(RDU)	(AOB FL260)TERPZ (RNAV)-DP MELTN ALDAN (RNAV)-STAR.....	
ROCHESTER(ROC)	(TURBOJETS)TERPZ (RNAV)-DP JERES J220 VALLO J227 ULW GIBBE.....	1100-0300
SARASOTA/BRADENTON(SRQ).....	(JETS/TURBOPROPS ONLY)TERPZ (RNAV)-DP RRSIN GSO Q75 SLOJO Q103 PUPYY KYUUB LUBBR (RNAV)-STAR.....	
ST LOUIS(STL)	(TURBOJETS)TERPZ (RNAV)-DP OTTTO Q176 BICKS PXV BOOSH (RNAV)-STAR	
SYRACUSE(SYR)	(TURBOJET)TERPZ (RNAV)-DP JERES J227 STENT CFB V29 SYR	
TAMPA(TPA).....	TERPZ (RNAV)-DP RRSIN GSO Q75 TEUFL BAAMF DADES (RNAV)-STAR	
TORONTO(CYYZ).....	TERPZ (RNAV)-DP JERES J220 SFK WOZEE LINNG (CANADIAN) (RNAV)-STAR	
WHITE PLAINS(HPN)	(AT OR ABOVE FL180)SWANN-DP SWANN BROSS Q419 NACYN CYN BOUNO-STAR	1100-0300
WINDSOR LOCKS(BDL)	SWANN-DP SWANN BROSS Q419 DPK DEER PARK-STAR	1100-0300

Terminals

BANGOR(BGR)

06FA,BCT,F45,PBI.....

(JETS ONLY)(WATER)BEEKN Q97 KALDA Q131 WAALT
Y289 DULEE CLMNT (RNAV)-STAR

06FA,BCT,FXE,PBI,PMP

BEEKN Q97 KENLL CPTAN (RNAV)-STAR.....

07FA,FLL,HST,HWO,MIA,OPF,TMB,X51

(VLJ)/TURBPROP ONLY: INCL
EA50,E50P,SF50,C510,C525)BEEKN Q97 KENLL
TARPN (RNAV)-STAR.....

07FA,HST,MIA,TMB,X51

(JETS ONLY, EXCLUDES EA50, E50P, SF50, C510,
C525)(WATER)BEEKN Q97 KALDA Q101 SKARP Y313
HOAGG BNFSSH (RNAV)-STAR

or

BEEKN Q97 DEBRL CSTAL (RNAV)-STAR

7FL6,DAB,DED,EVB,LEE,OMN,ORL,SFB,X
50

KAYCC KYLOH NELIE Q75 SLOJO Q83 ROYCO Q85
LPERD TTHOR (RNAV)-STAR

CHARLOTTE(CLT).....

KAYCC KYLOH NELIE Q75 GVE LYH CHSLY (RNAV)-STAR

1100-0300

CHARLOTTESVILLE(CHO).....

KAYCC KYLOH NELIE BIZEX Q75 GVE.....

1100-0300

CHICAGO(ORD).....

GONZZ Q822 FNT WYNDE (RNAV)-STAR

1100-0400

COVINGTON(CVG).....

(DME/DME/IRU OR GNSS REQUIRED)GONZZ JOSSY
MAULL KODIE CTW TIGRR (RNAV)-STAR.....

1100-0300

DETROIT(DTW).....

(DME/DME/IRU OR GPS REQUIRED)(DTW NORTH
FLOW)GONZZ DONEO CUUGR (RNAV)-STAR.....

1100-0300

or

(DME/DME/IRU OR GPS REQUIRED)(DTW SOUTH
FLOW)GONZZ DONEO TPGUN (RNAV)-STAR

1100-0300

FLL,OPF

(JETS ONLY, EXCLUDES EA50, E50P, SF50, C510,
C525)(WATER)BEEKN Q97 KALDA Q133 CHIEZ Y291
MAJIK CUUDA (RNAV)-STAR.....

or

(JETS ONLY, EXCLUDES EA50, E50P, SF50, C510,
C525)BEEKN Q97 PRMUS CUUDA (RNAV)-STAR

ISM,LEE,MCO,ORL,SFB.....

(JETS ONLY)(WATER)BEEKN Q97 KALDA Q131 WAALT
Y289 BAHAA HIBAC ALYNA (RNAV)-STAR

NEW YORK(LGA).....

(250KTS OR GREATER)ALB HAARP-STAR

NEWARK(EWR).....

HANAA FLOSI (RNAV)-STAR

PHILADELPHIA(PHL).....

BEEKN Q439 BRIGS JIIMS (RNAV)-STAR

1100-0400

ST PETERSBURG-CLEARWATER(PIE) ..

KAYCC KYLOH NELIE Q75 TEUFL BAAMF DADES
(RNAV)-STAR

1100-0300

WASHINGTON(DCA).....

BEEKN Q439 RIFLE Q167 ZIZZI KNUKK ATR LAFLN
DEALE (RNAV)-STAR

1100-0400

or

KAYCC KYLOH NELIE Q75 MXE CLIPR (RNAV)-STAR

1100-0300

BEDFORD(BED)

07FA,FLL,HST,HWO,MIA,OPF,TMB,X51

(VLJ)/TURBPROP ONLY: INCL
EA50,E50P,SF50,C510,C525)PUT ORW CCC Q97
KENLL TARPN (RNAV)-STAR

07FA,HST,MIA,TMB,X51

PUT ORW CCC Q97 DEBRL CSTAL (RNAV)-STAR....

or

(JETS ONLY, EXCLUDES EA50, E50P, SF50, C510,
C525)(WATER)PUT ORW CCC Q97 KALDA Q101
SKARP Y313 HOAGG BNFSSH (RNAV)-STAR

BWI,MTN

PUT CCC TOPRR Q167 ZIZZI KNUKK ATR LAFLN MIIDY
(RNAV)-STAR

1100-0300

CHARLOTTE(CLT).....

REVSS NELIE Q75 GVE LYH CHSLY (RNAV)-STAR...

1100-0300

FLL,OPF

(JETS ONLY, EXCLUDES EA50, E50P, SF50, C510,
C525)(WATER)PUT ORW CCC Q97 KALDA Q133
CHIEZ Y291 MAJIK CUUDA (RNAV)-STAR.....

or

(JETS ONLY, EXCLUDES EA50, E50P, SF50, C510,
C525)PUT ORW CCC Q97 PRMUS CUUDA
(RNAV)-STAR

FORT MYERS(RSW).....

REVSS NELIE Q75 SLOJO Q103 CYNTA SHFTY
(RNAV)-STAR

1100-0300

ILG,MQS,PHL,PNE,TTN

PUT CCC MANTA Q439 BRIGS JIIMS (RNAV)-STAR.

ISM,LEE,MCO,ORL,SFB.....

(JETS ONLY)(WATER)PUT ORW CCC Q97 KALDA Q131
WAALT Y289 BAHAA HIBAC ALYNA (RNAV)-STAR

ISM,MCO.....

(MCO LANDING SOUTH)PUT ORW CCC Q97 SAWED
MOXXY Q85 LPERD GTOUT (RNAV)-STAR.....

or

(MCO LANDING NORTH)PUT ORW CCC Q97 SAWED
MOXXY Q85 LPERD SNFLD (RNAV)-STAR

PREFERRED IFR ROUTES

Terminals	Route	Effective Times (UTC)
PHILADELPHIA(PNE).....	PUT CCC MANTA T438 ARD.....	
SARASOTA/BRADENTON(SRQ).....	(JETS/TURBOPROPS ONLY)REVSS NELIE Q75 SLOJO Q103 PUPYY KYUJU LUBBR (RNAV)-STAR	
TAMPA(TPA).....	REVSS NELIE Q75 TEUFL BAAMF DADES (RNAV)-STAR	1100-0300
WASHINGTON(DCA).....	PUT CCC TOPRR Q167 ZIZZI KNUKK ATR LAFLN DEALE (RNAV)-STAR.....	1100-0300
BOSTON(BOS)		
06FA,BCT,F45,PBI.....	(JETS ONLY)(WATER)SSOXS (RNAV)-DP SSOXS Q167 RIFLE HEADI Q97 KALDA Q131 WAALT Y289 DULEE CLMNT (RNAV)-STAR..... or (DEEP OCEAN)SSOXS (RNAV)-DP SSOXS Q167 SPDEY Y488 STERN Y493 BAHAA DULEE CLMNT (RNAV)-STAR.....	
06FA,BCT,FXE,PBI,PMP	SSOXS (RNAV)-DP SSOXS Q167 RIFLE HEADI Q97 KENLL CPTAN (RNAV)-STAR.....	
07FA,FLL,HST,HWO,MIA,OPF,TMB,X51	(VLJ)/TURBPROP ONLY: INCL EA50,E50P,SF50,C510,C525)SSOXS (RNAV)-DP SSOXS Q167 RIFLE HEADI Q97 KENLL TARP (RNAV)-STAR.....	
07FA,HST,MIA,TMB,X51	(JETS ONLY, EXCLUDES EA50, E50P, SF50, C510, C525)(DEEP OCEAN)SSOXS (RNAV)-DP SSOXS Q167 SPDEY Y488 STERN Y493 JENKS HOAGG BNF (RNAV)-STAR..... or SSOXS (RNAV)-DP SSOXS Q167 RIFLE HEADI Q97 DEBRL CSTAL (RNAV)-STAR..... or (JETS ONLY, EXCLUDES EA50, E50P, SF50, C510, C525)(WATER)SSOXS (RNAV)-DP SSOXS Q167 RIFLE HEADI Q97 KALDA Q101 SKARP Y313 HOAGG BNF (RNAV)-STAR.....	
7FL6,DAB,DED,EVB,LEE,OMN,ORL,SFB,X 50.....	SSOXS (RNAV)-DP SSOXS Q167 RIFLE HEADI Q97 SAWED MOXXY Q85 LPERD TTHOR (RNAV)-STAR	1100-0400
ATLANTA(ATL).....	(TURBOJETS ONLY: DME/DME/IRU OR GPS REQUIRED)BLZZR (RNAV)-DP BLZZR BAF Q448 PTW J48 MOL FLASK OZZI (RNAV)-STAR	1100-0300
AUSTIN(AUS)	BLZZR (RNAV)-DP BLZZR BAF Q406 BWZ J6 HVQ Q68 LITTR TXK BROBB WINDU SEWZY (RNAV)-STAR	
BUFFALO(BUF).....	HYLND (RNAV)-DP HYLND SYR ROC EHMN.....	1100-0400
BWI,MTN	PATSS (RNAV)-DP PATSS NELIE Q75 MXE NUGGY TRISH (RNAV)-STAR.....	1100-0300
CHARLOTTE(CLT)	PATSS (RNAV)-DP PATSS NELIE Q75 GVE LYH CHSLY (RNAV)-STAR.....	1100-0300
CHICAGO(MDW)	(TURBOJETS ONLY: DME/DME/IRU OR GPS REQUIRED)HYLND (RNAV)-DP HYLND CAM Q822 GONZZ Q29 JHW DJB J60 ASHEN BAGEL PANGG (RNAV)-STAR.....	1100-0300
CHICAGO(ORD).....	(TURBOJETS ONLY: DME/DME/IRU OR GPS REQUIRED)HYLND (RNAV)-DP HYLND CAM Q822 FNT WYNDE (RNAV)-STAR	1100-0300
CHS,JZI.....	SSOXS (RNAV)-DP SSOXS Q167 RIFLE HEADI Q97 SAWED DFENC Q109 LAANA AMYLU AMYLU (RNAV)-STAR.....	1100-0300
CLEVELAND(CLE).....	(RNAV TURBOJET)HYLND (RNAV)-DP HYLND CAM Q822 GONZZ HANKK THOME TRYBE (RNAV)-STAR	1100-0300
COLUMBUS(CMH)	BLZZR (RNAV)-DP BLZZR BAF Q480 AIR CLPRR (RNAV)-STAR.....	
COVINGTON(CVG)	(TURBOJETS ONLY* DME/DME/IRU OR GPS REQUIRED)REVSS (RNAV)-DP REVSS CTR HNK J49 PSB MAULL KODIE CTW TIGRR (RNAV)-STAR	1100-0300
DALLAS-FORT WORTH(DFW)	(DFW NORTH FLOW)BLZZR (RNAV)-DP BLZZR BAF Q406 BWZ J6 HVQ Q68 LITTR FEWWWW BRDJE (RNAV)-STAR..... or (DFW SOUTH FLOW)BLZZR (RNAV)-DP BLZZR BAF Q406 BWZ J6 HVQ Q68 LITTR FEWWWW SEEVR (RNAV)-STAR.....	
DAYTON(DAY)	(TURBOJETS ONLY: DME/DME/IRU OR GPS REQUIRED)BLZZR (RNAV)-DP BLZZR BAF Q480 AIR APE DANEI-STAR.....	1100-0300

Terminals	Route	Effective Times (UTC)
DENVER(DEN)	HYLND (RNAV)–DP HYLND HANAA Q816 HOCKE Q935 MONEE IANNA ONL PORDR AALLE (RNAV)–STAR	
DETROIT SATS(DET,CYQG ONLY)	(TURBOJETS ONLY: DME/DME/IRU OR GNSS REQUIRED)HYLND (RNAV)–DP HYLND CAM Q822 GONZZ COLTS GIGGY (RNAV)–STAR	1100–0300
DETROIT SATS(YIP,PTK,ARB ONLY).....	(TURBOJETS ONLY: DME/DME/IRU OR GNSS REQUIRED)HYLND (RNAV)–DP HYLND CAM Q822 GONZZ COLTS OKLND (RNAV)–STAR	1100–0300
DETROIT(DTW)	(DME/DME/IRU OR GPS REQUIRED)(DTW SOUTH FLOW)HYLND (RNAV)–DP HYLND CAM Q822 GONZZ DONEO TPGUN (RNAV)–STAR	1100–0300
	or	
	(DME/DME/IRU OR GPS REQUIRED)(DTW NORTH FLOW)HYLND (RNAV)–DP HYLND CAM Q822 GONZZ DONEO CUUGR (RNAV)–STAR	1100–0300
FLL,OPF	(JETS ONLY, EXCLUDES EA50, E50P, SF50, C510, C525)(WATER)SSOXS (RNAV)–DP SSOXS Q167 RIFLE HEAD1 Q97 KALDA Q133 CHIEZ Y291 MAJIK CUUDA (RNAV)–STAR	
	or	
	SSOXS (RNAV)–DP SSOXS Q167 RIFLE HEAD1 Q97 PRMUS CUUDA (RNAV)–STAR	
	or	
	(JETS ONLY, EXCLUDES EA50, E50P, SF50, C510, C525)(DEEP OCEAN)SSOXS (RNAV)–DP SSOXS Q167 SPDEY Y488 STERN Y493 JENKS MAJIK CUUDA (RNAV)–STAR	
FORT MYERS(RSW)	PATSS (RNAV)–DP PATSS NELIE Q75 SLOJO Q103 CYNTA SHFTY (RNAV)–STAR	1100–0300
GREENSBORO(GSO)	PATSS (RNAV)–DP PATSS NELIE Q75 GVE LYH HENBY–STAR	
HOUSTON(HOU)	(TURBOJETS)BLZZR (RNAV)–DP BLZZR BAF Q448 PTW J48 CSN FANPO Q40 AEX WAPPL (RNAV)–STAR .	1100–0300
HOUSTON(IAH)	(TURBOJETS)(IAH WEST FLOW)BLZZR (RNAV)–DP BLZZR BAF Q448 PTW J48 CSN FANPO Q40 AEX DOOBI (RNAV)–STAR	1100–0300
	or	
	(TURBOJETS)(IAH EAST FLOW)BLZZR (RNAV)–DP BLZZR BAF Q448 PTW J48 CSN FANPO Q40 AEX SKNRD (RNAV)–STAR	1100–0300
ILG,MQS,PHL,PNE,TTN	SSOXS (RNAV)–DP SSOXS Q167 RIFLE Q439 BRIGS JIMS (RNAV)–STAR	1100–0300
INDIANAPOLIS(IND)	BLZZR (RNAV)–DP BLZZR BAF Q480 AIR RINTE SNKPT (RNAV)–STAR	1100–0300
ISM,LEE,MCO,ORL,SFB.....	(DEEP OCEAN)SSOXS (RNAV)–DP SSOXS Q167 SPDEY Y488 STERN Y493 BAHAA HIBAC ALYNA (RNAV)–STAR	
	or	
	(JETS ONLY)(WATER)SSOXS (RNAV)–DP SSOXS Q167 RIFLE HEAD1 Q97 KALDA Q131 WAALT Y289 BAHAA HIBAC ALYNA (RNAV)–STAR.....	
	or	
	(JETS)(WATER)SSOXS (RNAV)–DP SSOXS Q167 RIFLE HEAD1 Q97 KALDA Q131 WAALT Y289 BAHAA HIBAC ALYNA (RNAV)–STAR	
ISM,MCO	(MCO LANDING NORTH)SSOXS (RNAV)–DP SSOXS Q167 RIFLE HEAD1 Q97 SAWED MOXXY Q85 LPERD SNFLD (RNAV)–STAR	
JACKSONVILLE(JAX)	(TURBOJETS ONLY: DME/DME/IRU OR GPS REQUIRED)SSOXS (RNAV)–DP SSOXS Q167 RIFLE HEAD1 Q97 SAWED GUILD Q409 SESUE ESENT LUNNI (RNAV)–STAR	1100–0300
KANSAS CITY(MCI)	(RNAV TURBOJET/TURBOPROP)BLZZR (RNAV)–DP BLZZR BAF Q480 AIR SPI EUING RUDDH (RNAV)–STAR	
LAS VEGAS(LAS)	HYLND (RNAV)–DP HYLND CAM Q822 GONZZ Q29 KLYNE FYLLS J110 RSK J64 TBC SQIRE RKSTR (RNAV)–STAR	1100–0300
LOS ANGELES(LAX)	HYLND (RNAV)–DP HYLND HANAA Q816 HOCKE GRB ODI FSD J114 DVV J60 HVE PROMT Q88 HAKMN ANJLL (RNAV)–STAR.....	1100–0400

PREFERRED IFR ROUTES

Terminals	Route	Effective Times (UTC)
LOUISVILLE(SDF).....	BLZZR (RNAV)-DP BLZZR BAF Q406 BWZ J6 HVQ Q68 YOCKY UNCKL MAUDD (RNAV)-STAR	
MCF,PIE,TPA,VDF	(DEEP OCEAN)SSOXS (RNAV)-DP SSOXS Q167 SPDEY Y488 STERN Y493 BAHAA HIBAC DADES (RNAV)-STAR.....	
MEMPHIS(MEM)	BLZZR (RNAV)-DP BLZZR BAF Q406 BWZ J6 HVQ Q68 RYANS BWG BLUZZ (RNAV)-STAR	1100-0300
MILWAUKEE(MKE).....	HYLND (RNAV)-DP HYLND HANAA Q816 HOCKE GETCH LYSTR SUDDS	1100-0300
MINNEAPOLIS(MSP)	(TURBOJETS)HYLND (RNAV)-DP HYLND HANAA Q816 KELTI Q812 ZOHAN IDIOM MUSCL (RNAV)-STAR	1000-0300
MONTREAL(CYUL)	(DME/DME/IRU OR GNSS REQUIRED)HYLND (RNAV)-DP HYLND PBERG CARTR (CANADIAN) (RNAV)-STAR	
MSY,NEW,NBG	(TURBOJETS)BLZZR (RNAV)-DP BLZZR BAF Q448 PTW J48 CSN FANPO Q40 NIOLA MERDN TRSSH (RNAV)-STAR.....	1100-0300
MYRTLE BEACH(MYR).....	SSOXS (RNAV)-DP SSOXS Q167 RIFLE HEADI Q97 PAACK WYLMS	
NASHVILLE(BNA).....	BLZZR (RNAV)-DP BLZZR BAF Q406 BWZ J6 HVQ Q68 YOCKY Groat PASLY (RNAV)-STAR.....	
NASSAU(MYNN)	(DEEP OCEAN)SSOXS (RNAV)-DP SSOXS Q167 SPDEY Y488 STERN Y493 WEAKK CARPX Y307 HANKX	
NEW YORK(ISP).....	(TURBOJETS ONLY: DME/DME/IRU OR GPS REQUIRED)SSOXS (RNAV)-DP SSOXS BUZRD SEY ORCHA CCC.....	1100-0300
NEW YORK(JFK).....	(TURBOJETS ONLY: DME/DME/IRU OR GPS REQUIRED)SSOXS (RNAV)-DP SSOXS BUZRD SEY PARCH (RNAV)-STAR	1100-0300
NEW YORK(LGA).....	(FL180 - FL220; TURBOJETS ONLY: DME/DME/IRU OR GPS REQUIRED)PATSS (RNAV)-DP PATSS NELIE VALRE HAARP-STAR	1100-0300
NEWARK(EWR)	(FL180-FL220; TURBOJETS ONLY: DME/DME/IRU OR GPS REQUIRED)PATSS (RNAV)-DP PATSS NELIE FLOSI (RNAV)-STAR.....	1100-0300
NORFOLK(ORF)	SSOXS (RNAV)-DP SSOXS Q167 ZJAAY CCV	
ORLANDO(MCO)	(MCO LANDING SOUTH)SSOXS (RNAV)-DP SSOXS Q167 RIFLE HEADI Q97 SAWED MOXXY Q85 LPERD GTOUT (RNAV)-STAR.....	
OTTAWA(CYOW)	(TURBOJETS ONLY: DME/DME/IRU OR GPS REQUIRED)HYLND (RNAV)-DP HYLND BUGSY SSENA TAPVO DEANS (CANADIAN) (RNAV)-STAR.....	1100-0300
PHOENIX(PHX)	(TURBOJETS ONLY: DME/DME/IRU OR GPS REQUIRED)HYLND (RNAV)-DP HYLND CAM Q822 GONZZ Q29 KLYNE ROD VHP J110 BUM ICT LBL FTI BUKKO ZUN EAGUL (RNAV)-STAR	1100-0300
PITTSBURGH(PIT).....	(TURBOJETS ONLY: DME/DME/IRU OR GPS REQUIRED)REVSS (RNAV)-DP REVSS CTR HNK KONJE J190 SLT HAYNZ (RNAV)-STAR	1100-0300
PORTLAND(PDX)	(TURBOJETS ONLY: DME/DME/IRU OR GPS REQUIRED)HYLND (RNAV)-DP HYLND HANAA Q816 HOCKE GRB GEP DPR J16 PDT JKNOX HHOOD (RNAV)-STAR.....	1100-0300
RALEIGH/DURHAM(RDU)	SSOXS (RNAV)-DP SSOXS Q167 ZJAAY TAQLE (RNAV)-STAR.....	
RICHMOND(RIC).....	SSOXS (RNAV)-DP SSOXS Q167 ZJAAY ARICE JAMIE HYLND (RNAV)-DP HYLND CAM SYR.....	
ROCHESTER(ROC)	(TURBOJETS ONLY: DME/DME/IRU OR GPS REQUIRED)HYLND (RNAV)-DP HYLND HANAA Q816 HOCKE BAE DBQ FOD ONL J94 OCS NORDK (RNAV)-STAR.....	1100-0300
SALT LAKE CITY(SLC).....		
SAN DIEGO(SAN)	(TURBOJETS ONLY: DME/DME/IRU OR GPS REQUIRED)BLZZR (RNAV)-DP BLZZR BAF Q480 AIR J80 MCI J24 SLN J18 HOGGZ LUCKI (RNAV)-STAR	1100-0300
SAN FRANCISCO(SFO).....	(TURBOJETS)HYLND (RNAV)-DP HYLND HANAA Q816 HOCKE GRB GEP ABR J32 LLC LEGGS BDEGA (RNAV)-STAR.....	

Terminals	Route	Effective Times (UTC)
SAN JUAN(TJSJ)	(WATER)SSOXS (RNAV)–DP SSOXS Q167 SPDEY Y489 RESQU SKPPR L455 LENNT M423 PLING RTE7 SAALR	
	or	
SARASOTA/BRADENTON(SRQ)	(WATER)SSOXS (RNAV)–DP SSOXS Q167 SPDEY Y488 SAUCR L453 CERDA FIPEK Y355 PLING RTE7 SAALR (JETS/TURBOPROPS ONLY)PATSS (RNAV)–DP PATSS NELIE Q75 SLOJO Q103 PUPYY KYUYU LUBBR (RNAV)–STAR	
SAVANNAH(SAV).....	SSOXS (RNAV)–DP SSOXS Q167 RIFLE HEADI Q97 SAWED GUILD Q409 SESUE S00OP	1100–0400
SEATTLE(SEA).....	(TURBOJETS ONLY: DME/DME/IRU OR GPS REQUIRED)HYLND (RNAV)–DP HYLND HANAA Q816 HOCKE GRB GEP ABR J90 HLN J136 MLP GLASR–STAR.....	1100–0300
ST LOUIS(STL)	(TURBOJETS ONLY: DME/DME/IRU OR GPS REQUIRED)BLZZR (RNAV)–DP BLZZR BAF Q480 AIR J110 VHP AARCH (RNAV)–STAR.....	1100–0300
TAMPA(TPA)	PATSS (RNAV)–DP PATSS NELIE Q75 TEUFL BAAMF DADES (RNAV)–STAR.....	1100–0300
TORONTO(CYYZ)	(TURBOJETS ONLY: DME/DME/IRU OR GPS REQUIRED)HYLND (RNAV)–DP HYLND CAM Q822 GONZZ WOZEE LINNG (CANADIAN) (RNAV)–STAR (TURBOJETS)SSOXS (RNAV)–DP SSOXS Q167 ZIZI KNUKK ATR LAFLN DEALE (RNAV)–STAR.....	1100–0300
WASHINGTON(DCA).....	or	
WASHINGTON(IAD)	PATSS (RNAV)–DP PATSS NELIE Q75 MXE CLIPR (RNAV)–STAR	1100–0300
	(AOA FL240; TURBOJETS ONLY: DME/DME/IRU OR GPS REQUIRED)BLZZR (RNAV)–DP BLZZR BAF HYPER (RNAV)–STAR	1100–0300
	or	
WHITE PLAINS(HPN).....	(AOB 220; TURBOPROPS)BLZZR BAF SAGES LAAYK MIP SEG LEGGO (RNAV)–STAR.....	1100–0300
	(FL180–FL220; TURBOJETS ONLY: DME/DME/IRU OR GPS REQUIRED)PATSS (RNAV)–DP PATSS NELIE VALRE VALRE–STAR	1100–0300
BRIDGEPORT(BDR)		
BALTIMORE(BWI).....	BEADS EMJAY Q167 ZIZI KNUKK ATR LAFLN MIIDY (RNAV)–STAR	1100–0300
WASHINGTON(DCA).....	BEADS EMJAY Q167 ZIZI KNUKK ATR LAFLN DEALE (RNAV)–STAR	1100–0300
WASHINGTON(IAD)	(RNAV EQUIPPED ONLY)JUDDS RONGE PWL GANDE HYPER (RNAV)–STAR.....	
BUFFALO(BUF)		
CHARLOTTE(CLT).....	JHW HVQ LNDIZ PARQR (RNAV)–STAR	
COVINGTON(CVG)	(RNAV ONLY)BUF JHW KODIE CTW TIGRR (RNAV)–STAR or	
	JHW KODIE CTW APE CINC–STAR.....	
DETROIT SATS(DET,CYQG ONLY)	(DME/DME/IRU OR GPS REQUIRED)COLTS GIGGY (RNAV)–STAR	1100–0300
FORT LAUDERDALE(FLL).....	JHW RICCS Q103 SLOJO Q83 JEVED Q97 PRMUS CUUDA (RNAV)–STAR	
FORT MYERS(RSW)	JHW RICCS Q103 CYNNTA SHFTY (RNAV)–STAR	
MIAMI(MIA)	JHW RICCS Q103 SLOJO Q83 JEVED Q97 DEBRL CSTAL (RNAV)–STAR	
NEW YORK(JFK).....	GEE BEEPS IGN KINGSTON–STAR	
NEW YORK(LGA).....	(ABOVE 250 KTS)GEE RKA HAARP–STAR.....	1100–0300
	or	
	(TURBOJET)AUDIL RKA NOBBI–STAR.....	1100–0300
NEWARK(EWR).....	GEE BEEPS Q140 KODEY HNK FLOSI (RNAV)–STAR	1100–0300
ORLANDO(MCO)	(MCO LANDING NORTH)JHW RICCS Q103 SLOJO Q83 ROYCO Q85 LPERD SNFLD (RNAV)–STAR	
	or	
	(MCO LANDING SOUTH)JHW RICCS Q103 SLOJO Q83 ROYCO Q85 LPERD GTOUT (RNAV)–STAR.....	
PHILADELPHIA(PHL)	BFD PSB BOJID (RNAV)–STAR	
TAMPA(TPA)	JHW RICCS Q103 SLOJO Q75 TEUFL BAAMF DADES (RNAV)–STAR	

PREFERRED IFR ROUTES

Terminals	Route	Effective Times (UTC)
WEST PALM BEACH(PBI)	JHW RICCS Q103 SLOJO Q83 JEVED Q97 KENLL CPTAN (RNAV)-STAR.....	
BURLINGTON(BTV)		
06FA,BCT,F45,PBI	(JETS ONLY)(WATER)PONCT Q133 LLUND Q437 VILLS Q409 CRPLR EARZZ Q131 WAALT Y289 DULEE CLMNT (RNAV)-STAR.....	
06FA,BCT,FXE,PBI,PMP	PONCT BIZEX Q75 SLOJO Q83 JEVED Q97 KENLL CPTAN (RNAV)-STAR.....	
ATLANTA(ATL)	(TURBOJETS ONLY)ALB ACOVE DBABE Q448 PTW J48 MOL FLASK OZZZI (RNAV)-STAR.....	
BALTIMORE(BWI)	PONCT BIZEX Q75 MXE V378 NUGGY TRISH (RNAV)-STAR.....	1100-0300
CHARLOTTE(CLT)	PONCT BIZEX Q75 GVE LYH CHSLY (RNAV)-STAR..	1100-0300
CHICAGO(ORD)	(TURBOJETS: DME/DME/IRU OR GNSS REQUIRED)ALVID DEDKI HOCKE FNT WYNDE (RNAV)-STAR	1100-0300
COVINGTON(CVG)	(TURBOJETS ONLY: DME/DME/IRU OR GNSS REQUIRED)GONZZ JOSSY MAULL KODIE CTW TIGRR (RNAV)-STAR.....	1100-0300
DETROIT(DTW)	(DME/DME/IRU OR GPS REQUIRED)(DTW NORTH FLOW)GONZZ DONEO CUUGR (RNAV)-STAR	1100-0300
	or	
	(DME/DME/IRU OR GPS REQUIRED)(DTW SOUTH FLOW)GONZZ DONEO TPGUN (RNAV)-STAR.....	1100-0300
FORT MYERS(RSW)	PONCT BIZEX Q75 SLOJO Q103 CYNTA SHFTY (RNAV)-STAR.....	1100-0300
ISM,MCO	(MCO LANDING SOUTH)ALB PONCT BIZEX Q75 SLOJO Q83 ROYCO Q85 LPERD GTOUT (RNAV)-STAR ...	
	or	
	(MCO LANDING NORTH)ALB PONCT BIZEX Q75 SLOJO Q83 ROYCO Q85 LPERD SNFLD (RNAV)-STAR....	
NEW YORK(JFK)	(250KTS OR GREATER)ALB IGN KINGSTON-STAR..	
NEW YORK(LGA).....	ALB HAARP-STAR	1100-0300
NEWARK(EWR)	(RNAV ONLY)ALB FLOSI (RNAV)-STAR.....	
PHILADELPHIA(PHL)	(TURBOJETS ONLY)ALB DNY SLATT-STAR.....	
PITTSBURGH(PIT).....	ALB HNK KONJE SLT HAYNZ (RNAV)-STAR	1100-0300
RALEIGH/DURHAM(RDU)	PONCT BIZEX Q75 GVE MELTN ALDAN (RNAV)-STAR	
TAMPA(TPA).....	PONCT BIZEX Q75 TEUFL BAAMF DADES (RNAV)-STAR	1100-0300
WASHINGTON(DCA).....	PONCT BIZEX Q75 MXE CLIPR (RNAV)-STAR	1100-0300
WASHINGTON(IAD).....	(RNAV ONLY)ALB HYPFR (RNAV)-STAR	
	or	
	(AOB 220; TURBOPROPS)ALB HNK FQM LEGGO (RNAV)-STAR.....	1100-0300
BWI,DMW,ESN,FDK,GAI,MTN		
06FA,BCT,F45,PBI	(JETS ONLY)(WATER)CONLE (RNAV)-DP SCOOB EARZZ Q131 WAALT Y289 DULEE CLMNT (RNAV)-STAR	
06FA,BCT,FXE,PBI,PMP	(TURBOJETS)CONLE (RNAV)-DP SCOOB PAACK Q97 KENLL CPTAN (RNAV)-STAR.....	
07FA,FLL,HST,MIA,OPF,TMB,X51	(VLJ/TURBPROP ONLY: INCL EA50,E50P,SF50,C510,C525)CONLE (RNAV)-DP SCOOB PAACK Q97 KENLL TARPAN (RNAV)-STAR	
07FA,HST,MIA,TMB,X51	(TURBOJETS)CONLE (RNAV)-DP SCOOB PAACK Q97 DEBRL CSTAL (RNAV)-STAR	
	or	
	(JETS ONLY, EXCLUDES EA50, E50P, SF50, C510, C525)(WATER)CONLE (RNAV)-DP SCOOB EARZZ SKARP Y313 HOAGG BNFSH (RNAV)-STAR	
CHS,JZI.....	(TURBOJETS)CONLE (RNAV)-DP SCOOB DFENC Q109 LAANA AMYLU AMYLU (RNAV)-STAR	
FLL,OPF	(JETS ONLY, EXCLUDES EA50, E50P, SF50, C510, C525)CONLE (RNAV)-DP SCOOB PAACK Q97 PRMUS CUUDA (RNAV)-STAR.....	
	or	
	(JETS ONLY, EXCLUDES EA50, E50P, SF50, C510, C525)(WATER)CONLE (RNAV)-DP SCOOB EARZZ CHIEZ Y291 MAJIK CUUDA (RNAV)-STAR	
ISM,LEE,MCO,ORL,SFB	(JETS ONLY)(WATER)CONLE (RNAV)-DP SCOOB EARZZ Q131 WAALT Y289 BAHAA HIBAC ALYNA (RNAV)-STAR.....	

PREFERRED IFR ROUTES

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Terminals	Route	Effective Times (UTC)
ISM,MCO	(TURBOJETS)(MCO LANDING NORTH)CONLE (RNAV)-DP SCOOB MOXXY Q85 LPERD SNFLD (RNAV)-STAR	
JACKSONVILLE(JAX)	(TURBOJETS)CONLE (RNAV)-DP SCOOB GUILD Q409 SESUE ESENT LUNNI (RNAV)-STAR	
MYRTLE BEACH(MYR)	CONLE (RNAV)-DP SCOOB PAACK WYLM5	
ORLANDO(MCO)	(TURBOJETS)(MCO LANDING SOUTH)CONLE (RNAV)-DP SCOOB MOXXY Q85 LPERD GTOUT (RNAV)-STAR	
RALEIGH/DURHAM(RDU)	(AOB FL 220)CONLE (RNAV)-DP COLIN TAPPA HOUKY TAQLE (RNAV)-STAR	
SAVANNAH(SAV).....	(TURBOJETS)CONLE (RNAV)-DP SCOOB GUILD Q409 SESUE SOOOP	
CALDWELL(CDW)		
PORTSMOUTH(PSM)	(170 AND ABOVE)BREZY V39 CMK MERIT HFD FOXWD KLANE TTERI REMDG	
CHARLOTTESVILLE(CHO)		
ATLANTA(ATL)	MOL FLASK OZZZI (RNAV)-STAR	
CHARLOTTE(CLT).....	(AOB FL240)GVE LYH CHSLY (RNAV)-STAR	
CHICAGO(ORD).....	RICCS HACKS J149 ROD WATSN (RNAV)-STAR	
MQS,PHL,PNE,TTN	GVE ROOKY SVILL TAPPA LUCYL HYTRA PAATS (RNAV)-STAR	
NEW YORK(LGA).....	GVE PROUD (RNAV)-STAR	
DCA,DAI,IAD,JYO,MRB,OKV		
ISM,MCO	(MCO LANDING NORTH)JDUBB (RNAV)-DP RRSIN GSO Q75 SLOJO Q83 ROYCO Q85 LPERD SNFLD (RNAV)-STAR	
MYRTLE BEACH(MYR)	JDUBB (RNAV)-DP MELTN SBV RDU	
ORLANDO(MCO)	(MCO LANDING SOUTH)JDUBB (RNAV)-DP RRSIN GSO Q75 SLOJO Q83 ROYCO Q85 LPERD GTOUT (RNAV)-STAR	
HARRISBURG(HAR)		
COVINGTON(CVG)	(RNAV ONLY)MRB J6 COLNS GAVNN (RNAV)-STAR	
HARRISBURG(MDT)		
CHICAGO(ORD)	(ADVANCED RNAV)HAR V33 MCMAN Q62 WATSN WATSN (RNAV)-STAR	
COVINGTON(CVG)	(RNAV ONLY)MRB J6 COLNS GAVNN (RNAV)-STAR	
HYANNIS(HYA)		
BWI,MTN	BUZRD Q167 ZIZZI KNUKK ATR LAFLN MIIDY (RNAV)-STAR	1100-0300
FORT MYERS(RSW).....	LFV CELTS NELIE Q75 SLOJO Q103 CYNTA SHFTY (RNAV)-STAR	1100-0300
SARASOTA/BRADENTON(SRQ)	(JETS/TURBOPROPS ONLY)LFV CELTS NELIE Q75 SLOJO Q103 PUPYY KYUUU LUBBR (RNAV)-STAR	
TAMPA(TPA)	LFV CELTS NELIE Q75 TEUFL BAAMF DADES (RNAV)-STAR	1100-0300
WASHINGTON(DCA).....	BUZRD Q167 ZIZZI KNUKK ATR LAFLN DEALE (RNAV)-STAR	1100-0300
ITHACA(ITH)		
DETROIT SATS(DET,CYQG ONLY)	(DME/DME/IRU OR GPS REQUIRED)COLTS GIGGY (RNAV)-STAR	
DETROIT SATS(YIP,PTK,ARB ONLY).....	(DME/DME/IRU OR GPS REQUIRED)COLTS OKLND (RNAV)-STAR	
LYNCHBURG(LYH)		
CHARLOTTE(CLT).....	(AOB FL220)LYH CHSLY (RNAV)-STAR	
MANCHESTER(MHT)		
07FA,FLL,HST,HWO,MIA,OPF,TMB,X51	(VLJ/TURBPROP ONLY: INCL EA50,E50P,SF50,C510,C525)PPOINT (RNAV)-DP CCC Q97 KENLL TARPEN (RNAV)-STAR	
ATLANTA(ATL)	(RNAV ONLY)PPOINT (RNAV)-DP BAF Q448 PTW J48 MOL FLASK OZZZI (RNAV)-STAR	
BWI,MTN	PPOINT (RNAV)-DP CCC TOPRR Q167 ZIZZI KNUKK ATR LAFLN MIIDY (RNAV)-STAR	1100-0300
CHARLOTTE(CLT).....	PPOINT (RNAV)-DP NELIE Q75 GVE LYH CHSLY (RNAV)-STAR	1100-0300
CHICAGO(MDW).....	(DME/DME/IRU OR GNSS REQUIRED)CAM Q822 GONZZ Q29 JHW DJB J60 ASHEN BAGEL PANGG (RNAV)-STAR	1100-0300
CHICAGO(ORD).....	(TURBOJETS ONLY: DME/DME/IRU OR GNSS REQUIRED)CAM Q822 FNT WYNDE (RNAV)-STAR	1100-0300

PREFERRED IFR ROUTES

Terminals	Route	Effective Times (UTC)
COVINGTON(CVG)	(TURBOJETS ONLY: DME/DME/IRU OR GNSS REQUIRED)CAM Q822 GONZZ JOSSY MAULL KODIE CTW TIGRR (RNAV)-STAR	1100-0300
DENVER(DEN)	HANAA Q816 HOCKE Q935 MONEE IANNA ONL PORDR AALLE (RNAV)-STAR	
DETROIT SATS(DET,CYQG ONLY)	(DME/DME/IRU OR GNSS REQUIRED)CAM Q822 GONZZ COLTS GIGGY (RNAV)-STAR	1100-0300
DETROIT SATS(YIP,PTK,ARB ONLY)	(DME/DME/IRU OR GNSS REQUIRED)CAM Q822 GONZZ COLTS OKLND (RNAV)-STAR	1100-0300
DETROIT(DTW)	(DME/DME/IRU OR GPS REQUIRED)(DTW NORTH FLOW)CAM Q822 GONZZ DONEO CUUGR (RNAV)-STAR..... or (DME/DME/IRU OR GPS REQUIRED)(DTW SOUTH FLOW)CAM Q822 GONZZ DONEO TPGUN (RNAV)-STAR.....	1100-0300
FLL,OPF	(JETS ONLY, EXCLUDES EA50, E50P, SF50, C510, C525)(WATER)PPOINT (RNAV)-DP CCC Q97 KALDA Q133 CHIEZ Y291 MAJIK CUUDA (RNAV)-STAR . or (JETS ONLY, EXCLUDES EA50, E50P, SF50, C510, C525)PPOINT (RNAV)-DP CCC Q97 PRMUS CUUDA (RNAV)-STAR.....	
ISM,LEE,MCO,ORL,SFB	(JETS ONLY)(WATER)PPOINT (RNAV)-DP CCC Q97 KALDA Q131 WAALT Y289 BAHAA HIBAC ALYNA (RNAV)-STAR.....	
ISM,MCO	(MCO LANDING SOUTH)PPOINT (RNAV)-DP CCC Q97 SAWED MOXXY Q85 LPERD GTOUT (RNAV)-STAR or (MCO LANDING NORTH)PPOINT (RNAV)-DP CCC Q97 SAWED MOXXY Q85 LPERD SNFLD (RNAV)-STAR PPOINT (RNAV)-DP CCC Q97 PAACK WYLMs.....	
MYRTLE BEACH(MYR).....	(MCO LANDING SOUTH)PPOINT (RNAV)-DP CCC Q97 SAWED MOXXY Q85 LPERD GTOUT (RNAV)-STAR	
ORLANDO(MCO)	PPOINT (RNAV)-DP CCC MANTA Q439 BRIGS JIIMS (RNAV)-STAR.....	
PHILADELPHIA(PHL)	PPOINT (RNAV)-DP CCC MANTA Q439 BRIGS JIIMS (RNAV)-STAR.....	
TAMPA(TPA).....	PPOINT (RNAV)-DP NELIE Q75 TEUFL BAAMF DADES (RNAV)-STAR.....	1100-0300
WASHINGTON(DCA).....	PPOINT (RNAV)-DP CCC TOPRR Q167 ZIZZI KNUKK ATR LAFLN DEALE (RNAV)-STAR	1100-0300
WASHINGTON(IAD).....	(AOB 220; TURBOPROPS)CAM ALB HNK FQM LEGGO (RNAV)-STAR..... or (ADVANCED RNAV ONLY)PPOINT (RNAV)-DP BAF HYPER (RNAV)-STAR.....	1100-0300
MORRISTOWN(MMU)		
PORTSMOUTH(PSM)	(170 AND ABOVE)BREZY V39 CMK MERIT HFD FOXWD KLANE TTERI REMDG.....	
NANTUCKET(ACK)		
06FA,BCT,F45,PBI.....	(JETS ONLY)(WATER)MVY JAWZZ Q220 RIFLE HEADI Q97 KALDA Q131 WAALT Y289 DULEE CLMNT (RNAV)-STAR.....	
06FA,BCT,FXE,PBI,PMP	MVY JAWZZ Q220 RIFLE HEADI Q97 KENLL CPATAN (RNAV)-STAR.....	
BALTIMORE(BWI)	LFV CELTS NELIE Q75 MXE V378 NUGGY TRISH (RNAV)-STAR.....	1100-0300
CHICAGO(ORD).....	LFV CELTS MANCH CAM Q822 FNT WYNDE (RNAV)-STAR.....	
FARMINGDALE(FRG).....	(AOB FL220; TURBOJETS ONLY)MVY SEY PARCH (RNAV)-STAR.....	
FRG,JFK.....	(AOB FL220; TURBOJETS ONLY)MVY JAWZZ Q220 SEY PARCH (RNAV)-STAR	
MORRISTOWN(MMU).....	(AOB FL220)MVY V146 BAF MOBBS T295 SAGES V489 COATE.....	
PHILADELPHIA(PHL).....	(TURBOJETS ONLY)MVY JAWZZ Q220 RIFLE Q439 BRIGS JIIMS (RNAV)-STAR	
	or MVY JAWZZ Q220 RIFLE Q439 BRIGS JIIMS (RNAV)-STAR.....	

PREFERRED IFR ROUTES

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Terminals	Route	Effective Times (UTC)
TETERBORO(TEB)	(AOB FL220)MVY V146 BAF MOBBS T295 SAGES V489 COATE	
WASHINGTON(DCA)	LFV CELTS NELIE Q75 MXE CLIPR (RNAV)-STAR or (TURBOJETS ONLY)MVY JAWZZ Q220 RIFLE Q167 ZIZI KNUKK ATR LAFLN DEALE (RNAV)-STAR.....	1100-0300
WASHINGTON(IAD)	(TURBOJETS ONLY)LFV CELTS BAF HYPER (RNAV)-STAR	
WHITE PLAINS(HPN)	(AOB FL220; 250KTS OR GREATER)MVY V146 PUT NELIE VALRE-STAR	
NEW HAVEN(HVN)		
06FA,BCT,FXE,PBI,PMP	BEADS EMJAY Q167 ZJAA Y97 KENLL CPTAN (RNAV)-STAR	
NEW YORK(ISP)		
06FA,BCT,F45,PBI	(JETS ONLY)(WATER)BEADS EMJAY Q167 ZJAA Y KALDA Q131 WAALT Y289 DULEE CLMNT (RNAV)-STAR	
06FA,BCT,FXE,PBI,PMP	BEADS EMJAY Q167 ZJAA Y97 KENLL CPTAN (RNAV)-STAR	
07FA,HST,MIA,TMB,X51	(JETS ONLY. EXCLUDES EA50. E50P. SF50. C510. C525)(WATER)BEADS EMJAY Q167 ZJAA Y KALDA Q101 SKARP Y313 HOAGG BNFSH (RNAV)-STAR or BEADS EMJAY Q167 ZJAA Y97 DEBRL CSTAL (RNAV)-STAR	
APF,FMY,MKY,RSW	(JETS ONLY)(WATER)BEADS EMJAY Q167 ZJAA Y KALDA Q131 WAALT Y289 BAHAA HIBAC SHFTY (RNAV)-STAR	
BINGHAMTON(BGM)	(JETS)NEION J223 CORDS CFB.....	
BUFFALO(BUF)	(TURBOJETS)NEION J223 CORDS ULW BENEET	
BWI,MTN	BEADS EMJAY Q167 ZIZI KNUKK ATR LAFLN MIIDY (RNAV)-STAR	
CHICAGO(ORD)	(TURBOJETS RNAV 1)COATE Q436 EMMMA WYNDE (RNAV)-STAR	
CJR,EZF,FRF,HEF,HWY,IAD,JYO,MRB,NYG ,OKY,RMN	(RNAV EQUIPPED ONLY)BEADS SARDI RBV HYPER (RNAV)-STAR	
COVINGTON(CVG)	BEADS T320 SARDI RBV Q430 SAAME J6 COLNS GAVNN (RNAV)-STAR	
DALLAS-FORT WORTH(DFW)	(DFW NORTH FLOW)RBV Q430 SAAME J6 HVQ Q68 LITTR FEWWW BRDJE (RNAV)-STAR..... or (DFW SOUTH FLOW)RBV Q430 SAAME J6 HVQ Q68 LITTR FEWWW SEEV (RNAV)-STAR	
FLL,OPF	BEADS EMJAY Q167 ZJAA Y97 PRMUS CUUDA (RNAV)-STAR	
	or (JETS ONLYEXCLUDES EA50. E50. SF50. C510. C525)(WATER)BEADS EMJAY Q167 ZJAA Y KALDA Q133 CHIEZ Y291 MAJIK CUUDA (RNAV)-STAR..	
FLL,OPF,MIA,07FA,HST,TMB,X51,HWO	(VLJ)/TURBPROP ONLY: INCL EA50,E50P,SF50,C510,C525)BEADS EMJAY Q167 ZJAA Y97 KENLL TARP (RNAV)-STAR	
FORT MYERS(RSW)	BEADS SARDI RBV Q430 COPES Q75 SLOJO Q103 CYNTA SHFTY (RNAV)-STAR	
ISM,LEE,MCO,ORL,SFB	(JETS ONLY)(WATER)BEADS EMJAY Q167 ZJAA Y KALDA Q131 WAALT Y289 BAHAA HIBAC ALYNA (RNAV)-STAR	
ISM,MCO	(MCO LANDING NORTH)BEADS EMJAY Q167 ZJAA Y97 SAWED MOXXY Q85 LPERD SNFLD (RNAV)-STAR	
ITHACA(ITH)	(JETS)NEION J223 CORDS CFB.....	
MANCHESTER(MHT)	(AT OR ABOVE FL190; DME/DME/IRU OR GNSS REQUIRED)GREKI JUDDS MARTN QUINZ ROZZE (RNAV)-STAR	1100-0300
MONTREAL(CYUL)	(DME/DME/IRU OR GNSS REQUIRED)GREKI JUDDS CAM JASDU PBERG CARTR (CANADIAN) (RNAV)-STAR	
MYRTLE BEACH(MYR)	BEADS EMJAY Q167 ZJAA Y97 PAACK WYLMs.....	
ORLANDO(MCO)	(MCO LANDING SOUTH)BEADS EMJAY Q167 ZJAA Y97 SAWED MOXXY Q85 LPERD GTOUT (RNAV)-STAR	

PREFERRED IFR ROUTES

Effective
Times (UTC)

Terminals	Route	Effective Times (UTC)
PITTSBURGH(PIT).....	(TURBOJETS RNAV 1)COATE Q436 REBBL J190 SLT HAYNZ (RNAV)-STAR	
	or	
	(PROPS)GAYEL V374 MSLIN LAAYK Q436 DGRAF ETG CIP HAYNZ (RNAV)-STAR	
RICHMOND(RIC).....	BEADS EMJAY Q167 ZJAAY ARICE JAMIE.....	
ROCHESTER(ROC).....	NEION J223 CORDS ULW GIBBE.....	
SYRACUSE(SYR).....	(JETS)NEION J223 CORDS CFB V29	
TAMPA(TPA).....	BEADS SARDI RBV Q430 COPES Q75 TEUFL BAAMF DADES (RNAV)-STAR	
WASHINGTON(DCA).....	(TURBOJET)BEADS EMJAY Q167 ZIZI KNUKK ATR LAFLN DEALE (RNAV)-STAR	
NEW YORK(JFK)		
06FA,BCT,F45,PBI.....	(JETS ONLY)(WATER)WAVEY EMJAY Q167 KALDA Q131 WAALT Y289 DULEE CLMNT (RNAV)-STAR	
06FA,BCT,FXE,PBI,PMP	WAVEY EMJAY Q167 ZJAAY Q97 KENLL CPTAN (RNAV)-STAR.....	
07FA,FLL,HST,HWO,MIA,OPF,TMB,X51	(VLJ)TURBPROP ONLY: INCL EA50,E50P,SF50,C510,C525)WAVEY EMJAY Q167 ZJAAY Q97 KENLL TARPAN (RNAV)-STAR	
07FA,HST,MIA,TMB,X51	WAVEY EMJAY Q167 ZJAAY Q97 DEBRL CSTAL (RNAV)-STAR.....	
	or	
	(JETS ONLY. EXCLUDES EA50. E50P. SF50. C510. C525)(WATER)WAVEY EMJAY Q167 ZJAAY KALDA Q101 SKARP Y313 HOAGG BNFSSH (RNAV)-STAR	
7FL6,DAB,DED,EVB,LEE,OMN,ORL,SFB,X50.....	WAVEY EMJAY Q167 ZJAAY Q97 SAWED MOXXY Q85 LPERD TTHOR (RNAV)-STAR	1100-0300
ATLANTA(ATL).....	RBV Q430 BYRDD J48 MOL FLASK OZZI (RNAV)-STAR	
AUGUSTA(AUG).....	(FL190 AND ABOVE)GREKI JUDDS CAM CON.....	1100-0300
AUSTIN(AUS).....	RBV Q430 COPES Q75 GVE ALEAN VVX SQS SWB LUKKN WLEEE (RNAV)-STAR.....	
BALTIMORE(BWI).....	RBV Q430 COPES Q75 MXE V378 NUGGY TRISH (RNAV)-STAR.....	
BANGOR(BGR).....	(FL190 AND ABOVE)GREKI JUDDS CAM ENE.....	1100-0300
BINGHAMTON(BGM).....	(JETS)NEION J223 CORDS CFB	
BOSTON(BOS).....	(FL180-FL230; JETS ONLY)MERIT ROBUC (RNAV)-STAR	1100-0300
BUFFALO(BUF).....	(TURBOJETS)NEION J223 CORDS ULW BENE	
	or	
BURLINGTON(BTV).....	(TURBOPROPS)COATE LAAYK ULW BENE	
	GREKI V419 JUDDS CAM	
	or	
	(FL190 AND ABOVE; JETS ONLY)GREKI JUDDS CAM	1100-0300
CHARLOTTE(CLT).....	RBV Q430 COPES Q75 GVE LYH CHSLY (RNAV)-STAR	
CHARLOTTESVILLE(CHO).....	RBV Q430 COPES Q75 GVE	
CHICAGO(MDW).....	(RNAV 1)DEEZZ (RNAV)-DP CANDR J60 DJB BAGEL PANGG (RNAV)-STAR.....	
CHICAGO(ORD).....	(TURBOJETS RNAV 1)COATE Q436 EMMMA WYNDE (RNAV)-STAR.....	
CHS,JZI.....	WAVEY EMJAY Q167 ZJAAY Q97 SAWED DFENC Q109 LAANA AMYLU AMYLU (RNAV)-STAR	1100-0300
CLEVELAND(CLE).....	(RNAV EQUIPPED ONLY)DEEZZ (RNAV)-DP CANDR J60 PSB UPPRR TRYBE (RNAV)-STAR	
COLUMBUS(CMH).....	RBV Q430 AIR CLPRR (RNAV)-STAR	
COVINGTON(CVG).....	RBV Q430 SAAME J6 COLNS GAVNN (RNAV)-STAR	
DALLAS-FORT WORTH(DFW).....	(DFW SOUTH FLOW)RBV Q430 SAAME J6 HVQ Q68 LITTR FEWWWW SEEVR (RNAV)-STAR.....	
	or	
	(DFW NORTH FLOW)RBV Q430 SAAME J6 HVQ Q68 LITTR FEWWWW BRDJE (RNAV)-STAR	
DAYTON(DAY).....	RBV Q430 AIR APE DANEI-STAR.....	
DENVER(DEN).....	RBV Q430 ZANDR J80 SPI IRK OBH BRWRY LAWGR (RNAV)-STAR.....	
DETROIT SATS(DET,CYQG ONLY).....	(DME/DME/IRU OR GNSS REQUIRED)GAYEL Q818 WOZEE COLTS GIGGY (RNAV)-STAR.....	
DETROIT SATS(YIP,PTK,ARB ONLY)....	(DME/DME/IRU OR GNSS REQUIRED)GAYEL Q818 WOZEE COLTS OKLND (RNAV)-STAR	

PREFERRED IFR ROUTES

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Effective
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Terminals

DETROIT(DTW)
 FLL,OPF
 FLL,ORF
 FORT LAUDERDALE(FLL).....
 GREENSBORO(GSO).....
 HOUSTON(HOU)
 HOUSTON(IAH).....
 INDIANAPOLIS(IND)
 ISM,LEE,MCO,ORL,SFB.....
 ISM,MCO
 ITHACA(ITH)
 JACKSONVILLE(JAX).....
 KANSAS CITY(MCI)
 KNOXVILLE(TYS)
 LOUISVILLE(SDF)
 MANCHESTER(MHT)
 MEMPHIS(MEM)
 MIAMI(MIA)
 MILWAUKEE(MKE)
 MINNEAPOLIS(MSP).....
 MONTREAL(CYUL)
 MSY,NEW,NBG
 NANTUCKET(ACK).....
 NASHVILLE(BNA)
 NASSAU(MYNN).....
 NORFOLK(ORF).....

Route

(DME/DME/IRU OR GPS REQUIRED)(DTW SOUTH FLOW)GAYEL J95 CFB TRAAD JACCI FERRL (RNAV)-STAR
 or
 (DME/DME/IRU OR GPS REQUIRED)(DTW NORTH FLOW)GAYEL J95 CFB TRAAD JACCI WNGNT (RNAV)-STAR
 WAVY EMJAY Q167 ZJAY Q97 PRMU CUUDA (RNAV)-STAR
 (JETS ONLY. EXCLUDES EA50, E50P, SF50, C510, C525)(WATER)WAVEY EMJAY Q167 ZJAY KALDA Q133 CHIEZ Y291 MAJIK CUUDA (RNAV)-STAR.. (JETS ONLY, EXCLUDES EA50, E50P, SF50, C510, C525)(DEEP OCEAN)SHIPP Y488 STERN Y493 JENKS MAJIK CUUDA (RNAV)-STAR
 RBV Q430 COPEQ Q75 GVE LYH HENBY-STAR
 RBV Q430 SAAME J6 HVQ Q68 LITTR DHART SWB WAPPL (RNAV)-STAR
 or
 RBV Q430 BYRDD J48 CSN FANPO Q40 AEX WAPPL (RNAV)-STAR
 (IAH WEST FLOW)RBV Q430 SAAME J6 HVQ Q68 LITTR DHART SWB ZEEKK (RNAV)-STAR.....
 or
 (IAH WEST FLOW)RBV Q430 BYRDD J48 CSN FANPO Q40 AEX DOOBI (RNAV)-STAR
 or
 (IAH EAST FLOW)RBV Q430 BYRDD J48 CSN FANPO Q40 AEX SKNRD (RNAV)-STAR
 or
 (IAH EAST FLOW)RBV Q430 SAAME J6 HVQ Q68 LITTR DHART SWB GESNR (RNAV)-STAR.....
 RBV Q430 AIR J80 RINTE SNKPT (RNAV)-STAR.....
 or
 RBV Q430 SAAME BRNAN Q42 HIDON RINTE SNKPT (RNAV)-STAR
 (JETS ONLY)(WATER)WAVEY EMJAY Q167 KALDA Q131 WAALT Y289 BAHAA HIBAC ALYNA (RNAV)-STAR (MCO LANDING NORTH)WAVEY EMJAY Q167 ZJAY Q97 SAWED MOXXY Q85 LPERD SNFLD (RNAV)-STAR (JETS)NEION J223 CORDS CFB.....
 (TURBOJETS ONLY; DME/DME/IRU OR GPS REQUIRED)WAVEY EMJAY Q167 ZJAY Q97 SAWED GUILD Q409 SESUE ESENT LUNNI (RNAV)-STAR RBV Q430 AIR J80 SPI EUNG RUDDH (RNAV)-STAR RBV Q430 BYRDD J48 CSN FANPO Q40 ALEAN XVV RBV Q430 SAAME J6 HVQ Q68 UNCKL MAUDD (RNAV)-STAR
 (AT OR ABOVE FL190; DME/DME/IRU OR GNSS REQUIRED)GREKI JUDDS MARTN QUINZ ROZZE (RNAV)-STAR
 RBV Q430 SAAME J6 HVQ Q68 RYANS BWG BLUZZ (RNAV)-STAR
 (JETS ONLY, EXCLUDES EA50, E50P, SF50, C510, C525)(DEEP OCEAN)SHIPP Y488 STERN Y493 JENKS HOAGG BNFSH (RNAV)-STAR
 DEEZZ (RNAV)-DP CANDR J60 DJB CRL PEGEE GETCH LYSTR SUDDS
 (TURBOJETS)GAYEL Q818 WOZEE NOSIK Q812 ZOHAN IDIOM MUSCL (RNAV)-STAR
 (DME/DME/IRU OR GNSS REQUIRED)GREKI JUDDS CAM JASDU PBERG CARTR (CANADIAN) (RNAV)-STAR RBV Q430 BYRDD J48 CSN FANPO Q40 NIOLA MERDN TRSSH (RNAV)-STAR
 (FL180-210; JETS ONLY)BETTE DEEPO (RNAV)-STAR RBV Q430 SAAME J6 HVQ Q68 YOCKY GROAT PASLY (RNAV)-STAR
 (DEEP OCEAN)SHIPP Y488 STERN Y493 WEAKK CARPX Y307 HANKX
 WAVY EMJAY Q167 ZJAY CCV

1100-0300

1000-0300

1100-0300

Terminals	Route	Effective Times (UTC)
ORLANDO(MCO)	(MCO LANDING SOUTH)WAVEY EMJAY Q167 ZJAAJ Q97 SAWED MOXXY Q85 LPERD GTOUT (RNAV)-STAR or (DEEP OCEAN)SHIPP Y488 STERN Y493 BAHAA HIBAC ALYNA (RNAV)-STAR	
PHOENIX(PHX)	RBV Q430 AIR J110 STL BUM ICT LBL FTI BUKKO ZUN	
PITTSBURGH(PIT).....	DEEZZ (RNAV)-DP CANDR J60 PSB HAYNZ (RNAV)-STAR..... or (PROPS)GAYEL V374 MSLIN LAAYK Q436 DGRAF ETG CIP HAYNZ (RNAV)-STAR	
PORTSMOUTH(PSM)	(170 AND ABOVE)MERIT HFD FOXWD KLANE TTERI REMDG	
RALEIGH/DURHAM(RDU)	WAVEY EMJAY Q167 ZJAAJ TAQLE (RNAV)-STAR ..	
RICHMOND(RIC).....	(DME/DME/IRU OR GPS)WAVEY EMJAY Q167 ZJAAJ ARICE JAMIE.....	
ROANOKE(ROA).....	RBV Q430 BYRDD J48 MOL.....	
ROCHESTER(ROC)	NEION J223 CORDS ULW GIBBE.....	
SALT LAKE CITY(SLC).....	GAYEL Q818 WOZEE Q935 HOCKE BAE DBQ FOD ONL J94 OCS NORDK (RNAV)-STAR	
SAN FRANCISCO(SFO).....	(TURBOJET)GAYEL Q818 WOZEE Q935 HOCKE GRB GEP ABR J32 LLC LEGGS BDEGA (RNAV)-STAR..	
SARASOTA/BRADENTON(SRQ).....	(JETS/TURBOPROPS ONLY)RBV Q430 COPES Q75 SLOJO Q103 PUPYY KYUUU LUBBR (RNAV)-STAR	
SAVANNAH(SAV)	WAVEY EMJAY Q167 ZJAAJ Q97 SAWED GUILD Q409 SESUE SOOOP	
ST LOUIS(STL).....	RBV Q430 AIR J110 VHP AARCH (RNAV)-STAR	
SYRACUSE(SYR)	(JETS)NEION J223 CORDS CFB V29	
TAMPA(TPA).....	RBV Q430 COPES Q75 TEUFL BAAMF DADES (RNAV)-STAR..... or (DEEP OCEAN)SHIPP Y488 STERN Y493 BAHAA HIBAC DADES (RNAV)-STAR	
TORONTO(CYYZ).....	GAYEL Q118 WOZEE LINNG (CANADIAN) (RNAV)-STAR	
WASHINGTON(DCA).....	(FL180-FL220; TURBOJET)WAVEY EMJAY Q167 ZIZI KNUKK ATR LAFLN DEALE (RNAV)-STAR	
WASHINGTON(IAD).....	(RNAV EQUIPPED ONLY)RBV HYPER (RNAV)-STAR	
WEST PALM BEACH(PBI)	(DEEP OCEAN)SHIPP Y488 STERN Y493 BAHAA DULEE CLMNT (RNAV)-STAR.....	
NEW YORK(LGA)		
06FA,BCT,F45,PBI.....	(JETS ONLY)(WATER)WHITE Q409 CRPLR EARZZ Q131 WAALT Y289 DULEE CLMNT (RNAV)-STAR	
06FA,BCT,FXE,PBI,PMP	WHITE Q409 CRPLR PAACK Q97 KENLL CPTAN (RNAV)-STAR.....	
07FA,FLL,HST,HWO,MIA,OPF,TMB,X51	(VLJ)/TURBPROP ONLY: INCL EA50,E50P,SF50,C510,C525)WHITE Q409 CRPLR PAACK Q97 KENLL TARPAN (RNAV)-STAR	
07FA,HST,MIA,TMB,X51	WHITE Q409 CRPLR PAACK Q97 DEBRL CSTAL (RNAV)-STAR..... or (JETS ONLY. EXCLUDES EA50. E50P.SF50. C510. C525)(WATER)WHITE Q409 CRPLR BGRBD Q101 SKARP Y313 HOAGG BNFSH (RNAV)-STAR	
7FL6,DAB,DED,EVB,LEE,OMN,ORL,SFB,X 50.....	WHITE Q409 CRPLR Q85 LPERD TTHOR (RNAV)-STAR	
AKRON(CAK)	(RNAV TURBOJET)NEWEL J60 PSB SOORD ZZIPS (RNAV)-STAR.....	
ATLANTA(ATL).....	(RNAV ONLY)LANNA J48 MOL FLASK OZZZI (RNAV)-STAR.....	
ATLANTA(PDK)	LANNA J48 MOL FLASK VIEWS DEHAN (RNAV)-STAR	
AUBURN/LEWISTON(LEW)	(FL190 AND ABOVE)GREKI JUDDS CAM CON.....	1100-0300
AUGUSTA(AGS)	BIGGY Q75 GSO STWRT-STAR	
AUGUSTA(AUG).....	(FL190 AND ABOVE)GREKI JUDDS CAM CON..... or (FL250 AND ABOVE)MERIT HFD PUT BOS MESHL..	1100-0300
BALTIMORE(BWI)	BIGGY Q75 MXE V378 NUGGY TRISH (RNAV)-STAR	
BANGOR(BGR)	(FL250 AND ABOVE)MERIT HFD PUT BOS	1100-0300
	or (FL190 AND ABOVE)GREKI JUDDS CAM	1100-0300

PREFERRED IFR ROUTES

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Terminals	Route	Effective Times (UTC)
BAR HARBOR(BHB)	(FL250 AND ABOVE)MERIT HFD PUT BOS	1100-0300
	or	
BINGHAMTON(BGM)	(FL190 AND ABOVE)GREKI JUDDS CAM.....	1100-0300
BIRMINGHAM(BHM)	(JETS)NEION J223 CORDS CFB.....	
BOSTON(BOS).....	LANNA J48 CSN FANPO Q40 NIOLA DIODE.....	
	(DME/DME/IRU OR GNSS REQUIRED)MERIT ROBUC	1100-0300
	(RNAV)-STAR	
BRISTOL/JOHNSON/KINGSPORT(TRI) ..	LANNA J48 CSN FANPO Q40 ALEAN.....	
BUFFALO(BUF)	(TURBOPROPS)COATE LAAYK ULW BENE	
	or	
BURLINGTON(BTV)	(TURBOJETS)NEION J223 CORDS ULW BENE	
	GREKI V419 JUDDS CAM	
	or	
CHARLESTON(CRW).....	(FL190 AND ABOVE; JETS ONLY)GREKI JUDDS CAM	1100-0300
CHARLOTTE(CLT).....	PARKE J6 HVQ	
CHARLOTTESVILLE(CHO).....	BIGGY Q75 GVE LYH CHSLY (RNAV)-STAR	
CHATTANOOGA(CHA)	BIGGY Q75 GVE	
CHICAGO(MDW).....	LANNA J48 CSN FANPO Q40 ALEAN VXV.....	
CHICAGO(ORD)	NEWEL J60 ASHEN BAGEL PANGG (RNAV)-STAR...	
	(TURBOJETS RNAV 1)COATE Q436 EMMMA WYNDE	
	(RNAV)-STAR	
CHS,JZI	WHITE Q409 CRPLR DFENC Q109 LAANA AMYLU	1100-0300
	AMYLU (RNAV)-STAR	
CLEVELAND(CLE)	NEWEL J60 PSB UPPRR TRYBE (RNAV)-STAR	
COF,COI,ISM,MCO,MLB,TIX,TTS,XMR ..	WHITE Q409 CRPLR Q85 LPERD OMN BITHO-STAR	
COLUMBUS(CMH).....	ZIMMZ Q42 MIKYG Q480 AIR CLPRR (RNAV)-STAR	
CONCORD(CON).....	(FL190 AND ABOVE)GREKI JUDDS CAM.....	1100-0300
COVINGTON(CVG)	(RNAV ONLY)PARKE J6 COLNS GAVNN (RNAV)-STAR	
DALLAS-FORT WORTH(DFW)	(DFW NORTH FLOW)PARKE J6 HVQ Q68 LITTR FEWWW	
	BRDJE (RNAV)-STAR	
	or	
	(DFW SOUTH FLOW)PARKE J6 HVQ Q68 LITTR FEWWW	
	SEEVN (RNAV)-STAR	
DAYTON(DAY)	(RNAV EQUIPPED ONLY)ZIMMZ Q42 MIKYG Q480 AIR	
	APE DANEI-STAR	
DENVER(DEN)	NEWEL J60 IOW DSM OBH BRWRY LAWGR	
	(RNAV)-STAR	
DETROIT(DTW)	(DME/DME/IRU OR GPS REQUIRED)(DTW SOUTH	
	FLOW)GAYEL J95 CFB TRAAD JACCI FERRL	
	(RNAV)-STAR	
	or	
	(DME/DME/IRU OR GPS REQUIRED)(DTW NORTH	
	FLOW)GAYEL J95 CFB TRAAD JACCI WNGNT	
	(RNAV)-STAR	
FLL,OPF	(JETS ONLY. EXCLUDES EA50. E50P. SF50. C510.	
	C525)(WATER)WHITE Q409 CRPLR KOOKI Q133	
	CHIEZ Y291 MAJIK CUUDA (RNAV)-STAR.....	
	or	
	WHITE Q409 CRPLR PAACK Q97 PRMUS CUUDA	
	(RNAV)-STAR	
FORT LAUDERDALE(FLL).....	(JETS ONLY, EXCLUDES EA50, E50P, SF50, C510,	
	C525)(DEEP OCEAN)SHIPP Y488 STERN Y493 JENKS	
	MAJIK CUUDA (RNAV)-STAR	
FORT MYERS(FMY)	BIGGY Q75 SLOJO Q103 CYNTA SHFTY (RNAV)-STAR	
FORT MYERS(RSW)	BIGGY Q75 SLOJO Q103 CYNTA SHFTY (RNAV)-STAR	
FORT WAYNE(FWA)	NEWEL J60 DANNR RAV J64	
GREENSBORO(GSO)	BIGGY Q75 GVE LYH HENBY-STAR	
GREER(GSP)	BIGGY Q75 GVE FUBLL JUNNR (RNAV)-STAR	
HOT SPRINGS(HSP)	LANNA J48 EMI CSN V140 MOL	
HOUSTON(HOU)	(TURBOJETS)LANNA J48 CSN FANPO Q40 AEX WAPPL	
	(RNAV)-STAR	
HOUSTON(IAH).....	(TURBOJETS)(IAH EAST FLOW)LANNA J48 CSN FANPO	
	Q40 AEX SKNRD (RNAV)-STAR	
	or	
	(IAH WEST FLOW)RBV Q430 BYRDD J48 CSN FANPO	
	Q40 AEX DOOBI (RNAV)-STAR	

PREFERRED IFR ROUTES

Terminals	Route	Effective Times (UTC)
INDIANAPOLIS(IND)	(AOA FL260; TURBOJETS)ZIMMZ Q42 HIDON RINTE SNKPT (RNAV)-STAR	
	or	
ISM,LEE,MCO,ORL,SFB	(MAX ALTITUDE FL280; TURBOJETS)NEWEL J60 DANNR RAV J64 CASIO RINTE SNKPT (RNAV)-STAR (JETS ONLY)(WATER)WHITE Q409 CRPLR EARZZ Q131 WAALT Y289 BAHAA HIBAC ALYNA (RNAV)-STAR	
ISM,MCO	(MCO LANDING NORTH)WHITE Q409 CRPLR Q85 LPERD SNFLD (RNAV)-STAR	
ITHACA(ITH)	(JETS)NEION J223 CORDS CFB	
JACKSONVILLE(JAX)	(TURBOJETS ONLY; DME/DME/IRU OR GPS REQUIRED)WHITE Q409 SESUE ESENT LUNNI (RNAV)-STAR	
KANSAS CITY(MCI)	ZIMMZ Q42 MIKYG Q480 AIR J80 SPI EUING RUDDH (RNAV)-STAR	
KEENE(EEN)	(FL190 AND ABOVE)GREKI JUDDS CAM	1100-0300
KNOXVILLE(TYS)	LANNA J48 CSN FANPO Q40 ALEAN VXV	
LACONIA(LC)	(FL190 AND ABOVE)GREKI JUDDS CAM	1100-0300
LAKE PLACID(LKP)	(FL190 AND ABOVE; JETS ONLY)GREKI JUDDS CAM	1100-0300
LEBANON(LEB)	(FL190 AND ABOVE)GREKI JUDDS CAM	1100-0300
LEWISBURG(LWB)	LANNA J48 EMI CSN V140 MOL	
LEXINGTON(LEX)	PARKE J6 HVQ	
LOUISVILLE(SDF)	PARKE J6 HVQ Q68 YOCKY UNCKL MAUDD (RNAV)-STAR	
MANCHESTER(MHT)	(FL190 AND ABOVE; JETS ONLY)GREKI JUDDS MARTN QUINZ ROZZE (RNAV)-STAR	1100-0300
	or	
	(FL190 AND ABOVE; PROPS ONLY)GREKI JUDDS MARTN KEYNN POPPP	1100-0300
MARCO ISLAND(MKY)	BIGGY Q75 SLOJO Q103 CYNTA SHFTY (RNAV)-STAR	
MEMPHIS(MEM)	PARKE J6 HVQ Q68 RYANS BWG BLUZZ (RNAV)-STAR	
MIAMI(MIA)	(JETS ONLY, EXCLUDES EA50, E50P, SF50, C510, C525)(DEEP OCEAN)SHIPP Y488 STERN Y493 JENKS HOAGG BNFSH (RNAV)-STAR	
MILWAUKEE(MKE)	NEWEL J60 DJB CRL PEGEE GETCH LYSTR SUDDS	
MINNEAPOLIS(MSP)	(TURBOJETS)GAYEL Q818 WOZEE NOSIK ZOHAN IDIOM MUSCL (RNAV)-STAR	1000-0300
MOBILE(MOB)	BIGGY Q75 GVE LYH COLZI Q52 CHOPZ MGM SJI ..	
MONTGOMERY(MGM)	BIGGY Q75 GVE LYH COLZI Q52 CHOPZ THRSR	
MONTREAL(CYUL)	(DME/DME/IRU OR GNSS REQUIRED)GREKI JUDDS CAM JASDU PBERG CARTR (CANADIAN) (RNAV)-STAR	
MSY,NEW,NBG	LANNA J48 CSN FANPO Q40 NIOLA MERDN TRSSH (RNAV)-STAR	
MYRTLE BEACH(MYR)	WHITE Q409 CRPLR PAACK WYLMs	
NANTUCKET(ACK)	(FL180-FL230 ONLY; JETS ONLY)BAYYS SEALL V188 GON DEEPO (RNAV)-STAR	1100-0300
NAPLES(APF)	BIGGY Q75 SLOJO Q103 CYNTA SHFTY (RNAV)-STAR	
NASHUA(ASH)	(FL190 AND ABOVE)GREKI JUDDS MARTN KEYNN	1100-0300
NASHVILLE(BNA)	PARKE J6 HVQ Q68 YOCKY GROAT PASLY (RNAV)-STAR	
NORFOLK(ORF)	WHITE Q409 TRPOD JAMIE CCV	
OMAHA(OMA)	NEWEL J60 IOW DSM	
ORLANDO(MCO)	(MCO LANDING SOUTH)WHITE Q409 CRPLR Q85 LPERD GTOUT (RNAV)-STAR	
	or	
	(DEEP OCEAN)SHIPP Y488 STERN Y493 BAHAA HIBAC ALYNA (RNAV)-STAR	
PHOENIX(PHX)	(RNAV EQUIPPED ONLY)ZIMMZ Q42 MIKYG Q480 AIR J110 STL BUM ICT LBL FTI BUKKO ZUN EAGUL (RNAV)-STAR	
	or	
	(MAX ALTITUDE FL280; NON-RNAV EQUIPPED ONLY)NEWEL J60 DANNR RAV J64 CASIO FYLLS J110 STL BUM ICT LBL FTI BUKKO ZUN BUNTR-STAR	
PITTSBURGH(AGC)	(NON-RNAV EQUIPPED ONLY)NEWEL J60 PSB EARED GRACE	
	or	
	(RNAV EQUIPPED ONLY)ZIMMZ Q42 MIKYG Q480 VINSE LEJOY NESTO	

PREFERRED IFR ROUTES

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Terminals	Route	Effective Times (UTC)
PITTSBURGH(PIT)	(RNAV EQUIPPED ONLY)ZIMMZ Q42 MIKYG Q480 VINSE DEMME (RNAV)-STAR	
PORTLAND(PWM)	(FL180 AND ABOVE)GREKI JUDDS CAM CDOGG (RNAV)-STAR	1100-0300
PORTSMOUTH(PSM)	(170 AND ABOVE)MERIT HFD FOXWD KLANE TTERI REMDG	
RALEIGH/DURHAM(RDU)	(AOB FL260)WHITE Q409 VILLS NALES Q141 HOUKY TAQLE (RNAV)-STAR	
RICHMOND(RIC)	(DME/DME/IRU OR GPS)WHITE Q409 TRPOD JAMIE	
ROANOKE(ROA)	LANNA J48 MOL	
ROCHESTER(ROC).....	NEION J223 CORDS ULW GIBBE	
	or	
ROCKLAND(RKD)	(PROPS)COATE Q436 LAAYK CFB V252 GIBBE	1100-0300
	(FL190 AND ABOVE)GREKI JUDDS CAM CON	
	or	
RUTLAND(RUT)	(FL250 AND ABOVE)MERIT HFD PUT BOS	1100-0300
SALT LAKE CITY(SLC)	(FL190 AND ABOVE)GREKI V419 JUDDS CAM.....	1100-0300
	GAYEL Q818 WOZEE Q935 HOCKE BAE DBQ FOD ONL J94 OCS NORDK (RNAV)-STAR	
SARANAC LAKE(SLK)	(FL190 AND ABOVE)GREKI JUDDS CAM.....	1100-0300
SARASOTA/BRADENTON(SRQ)	(JETS/TURBOPROPS ONLY)BIGGY Q75 SLOJO Q103 PUPPY KYUULUBBR (RNAV)-STAR	
SAVANNAH(SAV).....	(TURBOJETS)WHITE Q409 SESUE SOOOP	
ST LOUIS(STL)	(RNAV EQUIPPED ONLY)ZIMMZ Q42 MIKYG Q480 AIR J80 VHP AARCH (RNAV)-STAR	
SYRACUSE(SYR).....	(JETS)CFB NEION J223 CORDS CFB V29	
	or	
TAMPA(TPA)	(PROPS)COATE Q436 LAAYK CFB	
TOLEDO(TOL).....	BIGGY Q75 TEUFL BAAMF DADES (RNAV)-STAR ...	
TORONTO(CYYZ)	NEWEL J60 DJB	
	(RNAV ONLY)GAYEL Q818 WOZEE LINNG (CANADIAN) (RNAV)-STAR	
	or	
WASHINGTON(DCA).....	(90-170 INCL; NON JET ACFT ONLY)COATE Q436 MTCAF ULW WOZEE VERKO (CANADIAN) (RNAV)-STAR	
	BIGGY Q75 MXE CLIPR (RNAV)-STAR	
	or	
WASHINGTON(IAD)	BIGGY Q75 MXE V378 BAL.....	
WATERVILLE(WVL)	(RNAV EQUIPPED ONLY)PARKE HYPER (RNAV)-STAR (FL190 AND ABOVE)GREKI JUDDS CAM.....	1100-0300
	or	
WEST PALM BEACH(PBI).....	(FL250 AND ABOVE)MERIT HFD PUT BOS	1100-0300
	(DEEP OCEAN)SHIPP Y488 STERN Y493 BAHAA DULEE CLMNT (RNAV)-STAR	
WINSTON SALEM(INT)	BIGGY Q75 GVE LYH HENBY-STAR	
NEW YORK(SWF)		
COVINGTON(CVG)	(RNAV 1)WEARD LAAYK Q436 DGRAF J49 PSB MAULL KODIE CTW TIGRR (RNAV)-STAR	
MANCHESTER(MHT)	(FL190 AND ABOVE; JETS ONLY)STUBY MUCOW ROZZE (RNAV)-STAR	1100-0300
NEWARK & SATS		
7FL6,DAB,DED,EVB,LEE,OMN,ORL,SFB,X 50	ELVAE COL WHITE Q409 CRPLR Q85 LPERD TTHOR (RNAV)-STAR	1100-0300
	or	
	ELVAE COL WHITE Q409 CRPLR Q85 LPERD TTHOR (RNAV)-STAR	
AKRON(AKR)	NEWEL J60 PSB SOORD ZZIPS (RNAV)-STAR.....	
AKRON(CAK)	(RNAV TURBOJET)NEWEL J60 PSB SOORD ZZIPS (RNAV)-STAR	
BUFFALO(BUF)	(TURBOPROPS)COATE LAAYK ULW BENE	
	or	
CHARLESTON(CRW).....	(TURBOJETS)NEION J223 CORDS ULW BENE	
CHS,JZI	PARKE J6 HVQ	
	ELVAE COL WHITE Q409 CRPLR DFENC Q109 LAANA AMYLU AMYLU (RNAV)-STAR	1100-0300
COF,COI,ISM,MCO,MLB,TIX,TTS,XMR ..	ELVAE COL WHITE Q409 CRPLR Q85 LPERD OMN BITHO-STAR	

PREFERRED IFR ROUTES

Terminals	Route	Effective Times (UTC)
COLUMBUS(CMH)	ZIMMZ Q42 MIKYG Q480 AIR CLPRR (RNAV)-STAR	
DALLAS-FORT WORTH(DFW)	(DFW NORTH FLOW)PARKE J6 HVQ Q68 LITTR FEWWW BRDJE (RNAV)-STAR.....	
	or	
	(DFW SOUTH FLOW)PARKE J6 HVQ Q68 LITTR FEWWW SEVR (RNAV)-STAR	
DAYTON(DAY)	(RNAV EQUIPPED ONLY)ZIMMZ Q42 MIKYG Q480 AIR APE DANEI-STAR.....	
DETROIT(DTW)	(DME/DME/IRU OR GPS REQUIRED)(DTW NORTH FLOW)GAYEL J95 CFB TRAAD JACCI WNGNT (RNAV)-STAR.....	1100-0300
	or	
	(DME/DME/IRU OR GPD REQUIRED)(DTW SOUTH FLOW)GAYEL J95 CFB TRAAD JACCI FERRL (RNAV)-STAR.....	1100-0300
HOT SPRINGS(HSP)	LANNA J48 EMI CSN V140 MOL.....	
LEWISBURG(LWB)	LANNA J48 EMI CSN V140 MOL.....	
LEXINGTON(LEX)	PARKE J6 HVQ.....	
LOUISVILLE(LOU)	PARKE J6 HVQ Q68 YOCKY UNCKL DARBY-STAR ..	
LOUISVILLE(SDF)	PARKE J6 HVQ Q68 YOCKY UNCKL MAUDD (RNAV)-STAR.....	
MILWAUKEE(MKE).....	NEWEL J60 DJB CRL PEGEE GETCH LYSTR SUDDS	
NASHVILLE(BNA).....	PARKE J6 HVQ Q68 YOCKY GROAT PASLY (RNAV)-STAR	
NORFOLK(ORF)	ELVAE COL WHITE Q409 TRPOD JAMIE CCV	
PHOENIX(PHX)	(RNAV EQUIPPED ONLY)ZIMMZ Q42 MIKYG Q480 AIR J110 STL BUM ICT LBL FTI BUKKO ZUN EAGUL (RNAV)-STAR.....	
PITTSBURGH(AGC)	(RNAV EQUIPPED ONLY)ZIMMZ Q42 MIKYG Q480 VINSE LEJOY NESTO	
PITTSBURGH(PIT).....	(RNAV EQUIPPED ONLY)ZIMMZ Q42 MIKYG Q480 VINSE DEMME (RNAV)-STAR	
RICHMOND(RIC).....	ELVAE COL WHITE Q409 TRPOD JAMIE.....	
ROANOKE(ROA).....	LANNA J48 MOL	
ROCHESTER(ROC)	(PROPS)COATE Q436 LAAYG CFB V252 GIBBE.....	
SALT LAKE CITY(SLC).....	(DME/DME/IRU OR GNSS REQUIRED)GAYEL Q818 WOZEE Q935 HOCKE BAE DBQ FOD ONL J94 OCS NORDK (RNAV)-STAR	1100-0300
SAVANNAH(SAV)	(TURBOJETS)ELVAE COL WHITE Q409 SESUE S00OP	
ST LOUIS(STL).....	(RNAV EQUIPPED ONLY)ZIMMZ Q42 MIKYG Q480 AIR J80 VHP AARCH (RNAV)-STAR.....	
SYRACUSE(SYR)	(JETS)NEION J223 CORDS CFB V29	
TOLEDO(TOL)	NEWEL J60 DJB	
TORONTO(CYYZ).....	(O90-170 INCL; RNAV EQUIPPED ONLY)GAYEL Q818 WOZEE LINNG (CANADIAN) (RNAV)-STAR.....	
WASHINGTON(IAD).....	(RNAV EQUIPPED ONLY)PARKE HYPER (RNAV)-STAR	
NEWARK SATS ONLY		
COVINGTON(CVG)	(RNAV ONLY)PARKE J6 COLNS GAVNN (RNAV)-STAR	
JACKSONVILLE(JAX).....	(TURBOJETS ONLY: DME/DME/IRU OR GPS REQUIRED)ELVAE COL WHITE Q409 SESUE ESENT LUNNI (RNAV)-STAR.....	
YOUNGSTOWN/WARREN(YNG).....	ELIOT J60 PSB PSB292060	
NEWARK SATS ONLY		
MONTREAL(CYUL)	(DME/DME/IRU OR GNSS REQUIRED)GREKI JUDDS CAM JASDU PBERG CARTR (CANADIAN) (RNAV)-STAR	
NEWARK(EWR)		
06FA,BCT,F45,PBI.....	(JETS ONLY)(WATER)ELVAE COL WHITE Q409 CRPLR EARZZ Q131 WAALT Y289 DULEE CLMNT (RNAV)-STAR.....	
06FA,BCT,FXE,PBI,PMP	ELVAE COL WHITE Q409 CRPLR PAACK Q97 KENLL CPTAN (RNAV)-STAR	
07FA,FLL,HST,HWO,MIA,OPF,TMB,X51	(VLJ)/TURBPROP ONLY: INCL EA50,E50P,SF50,C510,C525)ELVAE COL WHITE Q409 CRPLR PAACK Q97 KENLL TARPAN (RNAV)-STAR	

PREFERRED IFR ROUTES

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Terminals	Route	Effective Times (UTC)
07FA,HST,MIA,TMB,X51	ELVAE COL WHITE Q409 CRPLR PAACK Q97 DEBRL CSTAL (RNAV)-STAR	
	or	
ATLANTA(ATL)	(JETS ONLY, EXCLUDES EA50, E50P, SF50, C510, C525)(WATER)ELVAE COL WHITE Q409 CRPLR BGBRD Q101 SKARP Y313 HOAGG BNF5H (RNAV)-STAR	
ATLANTA(PDK)	(RNAV ONLY)LANNA J48 MOL FLASK OZZI (RNAV)-STAR	
AUBURN/LEWISTON(LEW).....	LANNA J48 MOL FLASK VIEWS DEHAN (RNAV)-STAR	1100-0300
AUGUSTA(AUG)	(FL190 AND ABOVE)GREKI JUDDS CAM CON	1100-0300
	or	
AUSTIN(AUS).....	(FL250 AND ABOVE)MERIT HFD PUT BOS MESH..	1100-0300
	PARKE HYPER J6 HVQ Q68 YOCKY LITTR TXK BROBB WINDU SEWZY (RNAV)-STAR	
BALTIMORE(BWI).....	(TURBOJETS ONLY)BIGGY Q75 MXE V378 NUGGY TRISH (RNAV)-STAR.....	
BANGOR(BGR).....	(FL250 AND ABOVE)MERIT HFD PUT BOS	1100-0300
	or	
BAR HARBOR(BHB)	(FL190 AND ABOVE)GREKI JUDDS CAM.....	1100-0300
	(FL250 AND ABOVE)MERIT HFD PUT BOS	1100-0300
	or	
BARRE/MONTELIER(MPV).....	(FL190 AND ABOVE)GREKI JUDDS CAM.....	1100-0300
BINGHAMTON(BGM)	(FL190 AND ABOVE)GREKI JUDDS CAM.....	1100-0300
BIRMINGHAM(BHM)	(JETS)NEION J223 CORDS CFB.....	
BOSTON(BOS).....	LANNA J48 CSN FANPO Q40 NIOLA DIODE.....	
BRISTOL/JOHNSON/KINGSPORT(TRI) ..	(FL180-FL230; JETS ONLY)MERIT ROBUC (RNAV)-STAR	1100-0300
BURLINGTON(BTV)	LANNA J48 CSN FANPO Q40 ALEAN	
CHARLOTTE(CLT).....	(FL190 AND ABOVE; JETS ONLY)GREKI JUDDS CAM	1100-0300
CHARLOTTESVILLE(CHO).....	BIGGY Q75 GVE LYH CHSLY (RNAV)-STAR	1100-0300
CHATTANOOGA(CHA)	BIGGY Q75 GVE	
CHICAGO(MDW).....	LANNA J48 CSN FANPO Q40 ALEAN VVX.....	
CHICAGO(ORD)	NEWEL J60 ASHEN BAGEL PANGG (RNAV)-STAR... (TURBOJETS - RNAV 1)COATE Q436 EMMMA WYNDE (RNAV)-STAR	
CLEVELAND(CLE)	(RNAV TURBOJET)NEWEL J60 PSB UPPRR TRYBE (RNAV)-STAR	
CONCORD(CON).....	(FL190 AND ABOVE)GREKI JUDDS CAM.....	1100-0300
DENVER(DEN).....	NEWEL J60 IOW DSM OBH BRWRY LAWGR (RNAV)-STAR	
DETROIT SATS(DET,CYQG ONLY)	(DME/DME/IRU OR GNSS REQUIRED)GAYEL Q818 WOZEE COLTS GIGGY (RNAV)-STAR	
DETROIT SATS(YIP,PTK,ARB ONLY)....	(DME/DME/IRU OR GNSS REQUIRED)GAYEL Q818 WOZEE COLTS OKLND (RNAV)-STAR.....	
FLL,OPF	ELVAE COL WHITE Q409 CRPLR PAACK Q97 PRMUS CUUDA (RNAV)-STAR	
	or	
FORT LAUDERDALE(FL).....	(JETS ONLY, EXCLUDES EA50, E50P, SF50, C510, C525)(WATER)ELVAE COL WHITE Q409 CRPLR KOOKI Q133 CHIEZ Y291 MAJIK CUUDA (RNAV)-STAR..	
	(JETS ONLY, EXCLUDES EA50, E50P, SF50, C510, C525)(DEEP OCEAN)ELVAE COL DIXIE Y481 OHRYN Y488 STERN Y493 JENKS MAJIK CUUDA (RNAV)-STAR	
FORT MYERS(FMY)	BIGGY Q75 SLOJO Q103 CYNNTA SHFTY (RNAV)-STAR	
FORT MYERS(RSW).....	BIGGY Q75 SLOJO Q103 CYNNTA SHFTY (RNAV)-STAR	
FORT WAYNE(FWA)	NEWEL J60 DANNR RAV J64	
GREENSBORO(GSO).....	BIGGY Q75 GVE LYH HENBY	
GREER(GSP).....	BIGGY Q75 GVE FUBLL JUNNR (RNAV)-STAR	
HOUSTON(HOU)	(TURBOJETS)LANNA J48 CSN FANPO Q40 AEX WAPPL (RNAV)-STAR	
HOUSTON(IAH).....	(TURBOJETS)(IAH EAST FLOW)LANNA J48 CSN FANPO Q40 AEX SKNRD (RNAV)-STAR	
	or	
	(TURBOJETS)(IAH WEST FLOW)LANNA J48 CSN FANPO Q40 AEX DOOBI (RNAV)-STAR	
INDIANAPOLIS(IND)	(MAX ALTITUDE FL280; TURBOJETS)NEWEL J60 DANNR RAV J64 CASIO RINTE SINKPT (RNAV)-STAR	

PREFERRED IFR ROUTES

Terminals	Route	Effective Times (UTC)
ISM,LEE,MCO,ORL,SFB	(JETS ONLY)(WATER)ELVAE COL WHITE Q409 CRPLR EARZZ Q131 WAALT Y289 BAHAA HIBAC ALYNA (RNAV)-STAR.....	
ISM,MCO	(MCO LANDING NORTH)ELVAE COL WHITE Q409 CRPLR Q85 LPERD SNFLD (RNAV)-STAR	
ITHACA(ITH).....	(JETS)NEION J223 CORDS CFB	
KANSAS CITY(MCI).....	ZIMMZ Q42 MIKYG Q480 AIR J80 SPI EUING RUDDH (RNAV)-STAR.....	
KEENE(EEN).....	(FL190 AND ABOVE)GREKI JUDDS CAM	1100-0300
KNOXVILLE(TYS).....	LANNA J48 CSN FANPO Q40 ALEAM VXV.....	
LACONIA(LCI).....	(FL190 AND ABOVE)GREKI JUDDS CAM	1100-0300
LAKE PLACID(LKP).....	(FL190 AND ABOVE; JETS ONLY)GREKI JUDDS CAM	1100-0300
LEBANON(LEB).....	(FL190 AND ABOVE)GREKI JUDDS CAM	1100-0300
MANCHESTER(MHT).....	(FL190 AND ABOVE; JETS ONLY)GREKI JUDDS MARTN QUINZ ROZZE (RNAV)-STAR	1100-0300
MARCO ISLAND(MKY)	BIGGY Q75 SLOJO Q103 CYNTA SHFTY (RNAV)-STAR	
MEMPHIS(MEM).....	PARKE J6 HVQ Q68 RYANS BWG BLUZZ (RNAV)-STAR	
MIAMI(MIA).....	(JETS ONLY, EXCLUDES EA50, E50P, SF50, C510, C525)(DEEP OCEAN)ELVAE COL DIXIE Y481 OHRYN Y488 STERN Y493 JENKS HOAGG BNFSH (RNAV)-STAR.....	
MINNEAPOLIS(MSP)	(TURBOJETS)GAYEL Q818 WOZEE NOSIK Q812 ZOHAN IDIOM MUSCL (RNAV)-STAR.....	1000-0300
MOBILE(MOB)	BIGGY Q75 GVE LYH COLZI Q52 CHOPZ MGM SJI ..	
MONTGOMERY(MGM).....	BIGGY Q75 GVE LYH COLZI Q52 CHOPZ THRSR	
MSY,NEW,NBG	LANNA J48 CSN FANPO Q40 NIOLA MERDN TRSSH (RNAV)-STAR.....	
MYRTLE BEACH(MYR).....	ELVAE COL WHITE Q409 CRPLR PAACK WYLMS	
NANTUCKET(ACK)	(FL180-FL230; JETS ONLY)BAYYS SEALL V188 GON DEEPO (RNAV)-STAR	1100-0300
NAPLES(APF)	BIGGY Q75 SLOJO Q103 CYNTA SHFTY (RNAV)-STAR	
NASHUA(ASH).....	(FL190 AND ABOVE)GREKI JUDDS MARTN KEYNN	
NASSAU(MYNN)	(DEEP OCEAN)ELVAE COL DIXIE Y481 OHRYN Y488 STERN Y493 WEAKK CARPX Y307 HANKX	1100-0300
OMAHA(OMA).....	NEWEL J60 IOW DSM.....	
ORLANDO(MCO)	(MCO LANDING SOUTH)ELVAE COL WHITE Q409 CRPLR Q85 LPERD GTOUT (RNAV)-STAR	
	or	
	(DEEP OCEAN)ELVAE COL DIXIE Y481 OHRYN Y488 STERN Y493 BAHAA HIBAC ALYNA (RNAV)-STAR	
OTTAWA(CYOW)	(FL 190 AND ABOVE)BREZY V39 CMK GREKI JUDDS CAM BUGSY SSENA TAPVO DEANS (CANADIAN) (RNAV)-STAR.....	
PORTLAND(PWM).....	(FL180 AND ABOVE)GREKI JUDDS CAM CDOGG (RNAV)-STAR.....	1100-0300
PORTSMOUTH(PSM).....	(170 AND ABOVE)MERIT HFD FOXWD KLANE TTERI REMDG	
RALEIGH/DURHAM(RDU)	(AOB FL260)ELVAE COL WHITE Q409 VILLS NALES Q141 HOUKY TAQLE (RNAV)-STAR.....	
ROCHESTER(ROC)	NEION J223 CORDS ULW GIBBE	
ROCKLAND(RKD).....	(FL190 AND ABOVE)GREKI JUDDS CAM CON.....	1100-0300
	or	
	(FL250 AND ABOVE)MERIT HFD PUT BOS	1100-0300
RUTLAND(RUT).....	(FL190 AND ABOVE)GREKI V419 JUDDS CAM	1100-0300
SAN FRANCISCO(SFO).....	(TURBOJET)GAYEL Q818 WOZEE Q935 HOCKE GRB GEP ABR J32 LLC LEGGS BDEGA (RNAV)-STAR ..	
SARANAC LAKE(SLK)	(FL190 AND ABOVE)GREKI JUDDS CAM	1100-0300
SARASOTA/BRADENTON(SRQ).....	(JETS/TURBOPROPS ONLY)BIGGY Q75 SLOJO Q103 PUPPY KYUJU LUBBR (RNAV)-STAR.....	
ST PETERSBURG-CLEARWATER(PIE)..	BIGGY Q75 TEUFL BAAMF DADES (RNAV)-STAR....	
SYRACUSE(SYR)	(TURBOPROPS)COATE Q436 LAAYK CFB V29	
TAMPA(TPA).....	(DEEP OCEAN)ELVAE COL DIXIE Y481 OHRYN Y488 STERN Y493 BAHAA HIBAC DADES (RNAV)-STAR	
	or	
	BIGGY Q75 TEUFL BAAMF DADES (RNAV)-STAR....	
TORONTO(CYYZ).....	(NON JET ACFT ONLY)COATE Q436 MTCAF ULW WOZEE VERKO (CANADIAN) (RNAV)-STAR	
WASHINGTON(DCA).....	(GPS OR DME/DME-IRU EQUIPPED)BIGGY Q75 MXE CLIPR (RNAV)-STAR.....	

PREFERRED IFR ROUTES

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Terminals	Route	Effective Times (UTC)
WATERVILLE(WVL)	(FL190 AND ABOVE)GREKI JUDDS CAM.....	1100-0300
	or	
WEST PALM BEACH(PBI).....	(FL250 AND ABOVE)MERIT HFD PUT BOS	1100-0300
	(DEEP OCEAN)ELVAE COL DIXIE Y481 OHRYN Y488 STERN Y493 BAHAA DULEE CLMNT (RNAV)-STAR	
WINSTON SALEM(INT)	BIGGY Q75 GVE LYH HENBY-STAR	
NEWPORT NEWS(PHF)		
ATLANTA(ATL)	(ATL EAST FLOW)COUPN BEETN JIMAR EYOBI CEELY Q172 YUTEE SKWKR SITTH (RNAV)-STAR.....	
	or	
CHARLOTTE(CLT).....	(ATL WEST FLOW)COUPN BEETN JIMAR EYOBI CEELY Q172 YUTEE SKWKR JJEDI (RNAV)-STAR.....	
ILG,MQS,PHL,PNE,TTN	(AOB FL220)COUPN CHSLY (RNAV)-STAR	
NORFOLK(ORF)	SCHOL KALDA ZJAAY JIIMS (RNAV)-STAR	
06FA,BCT,F45,PBI	(JETS ONLY`)(WATER)KOOKI PRONI WAALT Y289 DULEE CLMNT (RNAV)-STAR	
06FA,BCT,FXE,PBI,PMP	KOOKI ELLDE Q97 KENLL CPTAN (RNAV)-STAR	
07FA,FLL,HST,HWO,MIA,OPF,TMB,X51	(VLJ)/TURBPROP ONLY: INCL EA50,E50P,SF50,C510,C525)KOOKI ELLDE Q97 KENLL TARPEN (RNAV)-STAR	
07FA,HST,MIA,TMB,X51	(JETS ONLY. EXCLUDES EA50. E50P. SF50. C510. C525)(WATER)KOOKI SKARP Y313 HOAGG BNFSH (RNAV)-STAR	
	or	
54T,ARM,AXH,BYY,efd,GLS,HOU,HPY,IW S,LBX,LVJ,SGR,T00,T41,TME	KOOKI ELLDE Q97 DEBRL CSTAL (RNAV)-STAR	
7FL6,DAB,DED,EVB,LEE,OMN,ORL,SFB,X 50	COUPN BEETN RDU SHPRD DEBIE IPTAY CHOPZ THRSR JAMMR MERDN AEX WAPPL (RNAV)-STAR.....	
APF,FMY,MKY,RSW	COUPN BEETN JIMAR PBCUP Q85 LPERD TTHOR (RNAV)-STAR	
ATLANTA(ATL)	COUPN BEETN JIMAR DEEZ Q409 PUPY Q103 CYNTA SHFTY (RNAV)-STAR	
	(ATL EAST FLOW)COUPN BEETN JIMAR EYOBI CEELY Q172 YUTEE SKWKR SITTH (RNAV)-STAR.....	
	or	
BALTIMORE(BWI).....	(ATL WEST FLOW)COUPN BEETN JIMAR EYOBI CEELY Q172 YUTEE SKWKR JJEDI (RNAV)-STAR.....	
BOSTON(BOS).....	HPW THHMP RAVNN (RNAV)-STAR.....	
CHARLOTTE(CLT).....	SCHOL KALDA Q133 JFK ROBUC (RNAV)-STAR.....	
CHICAGO(MDW).....	(AOB FL220)COUPN CHSLY (RNAV)-STAR	
	WAIKS KELLE MOL GEFFS J149 FWA PANGG (RNAV)-STAR	
CHICAGO(ORD)	WAIKS KELLE MOL GEFFS J149 ROD WATSN (RNAV)-STAR	
COLUMBUS(CMH).....	(TURBOJET)WAIKS KELLE MOL HVQ MCGNS SCRLT (RNAV)-STAR	
COLUMBUS(LCK)	WAIKS KELLE MOL J24 HVQ MCGNS SCRLT (RNAV)-STAR	
COLUMBUS(OSU).....	WAIKS KELLE MOL J24 HVQ MCGNS SCRLT (RNAV)-STAR	
DETROIT(DTW)	(DME/DME/IRU OR GPS REQUIRED)(DTW SOUTH FLOW)WAIKS KELLE MOL TARCI JAMOX BONZZ (RNAV)-STAR	
	or	
FLL,OPF	(DME/DME/IRU OR GPS REQUIRED)(DTW NORTH FLOW)WAIKS KELLE MOL TARCI JAMOX KLYNK (RNAV)-STAR	
	(JETS ONLY, EXCLUDES EA50, E50P, SF50, C510, C525)(WATER)KOOKI Q133 CHIEZ Y291 MAJIK CUUDA (RNAV)-STAR	
	or	
	(JETS ONLY, EXCLUDES EA50, E50P, SF50, C510, C525)KOOKI ELLDE Q97 PRMUS CUUDA (RNAV)-STAR	

Terminals	Route	Effective Times (UTC)
HOUSTON(HOU).....	(HOU EAST FLOW)COUPN BEETN RDU SHPRD DEBIE IPTAY CHOPZ THRSR MGMRY CATLN SJI BAYYY (RNAV)-STAR..... or (HOU WEST FLOW)COUPN BEETN RDU SHPRD DEBIE IPTAY CHOPZ THRSR MGMRY CATLN SJI PUCKS (RNAV)-STAR.....	
HOUSTON(IAH).....	(IAH EAST FLOW)COUPN BEETN RDU SHPRD DEBIE IPTAY CHOPZ THRSR MGMRY CATLN SJI NCCCE (RNAV)-STAR..... or (IAH WEST FLOW)COUPN BEETN RDU SHPRD DEBIE IPTAY CHOPZ THRSR MGMRY CATLN SJI LINKK (RNAV)-STAR..... or (IAH WEST FLOW)COUPN BEETN RDU SHPRD DEBIE IPTAY CHOPZ THRSR JAMMR MERDN AEX DOOBI (RNAV)-STAR..... or (IAH EAST FLOW)COUPN BEETN RDU SHPRD DEBIE IPTAY CHOPZ THRSR JAMMR MERDN AEX SKNRD (RNAV)-STAR.....	
ISM,LEE,MCO,ORL,SFB	(JETS ONLY)(WATER)KOOKI PRONI WAALT Y289 BAHAA HIBAC ALYNA (RNAV)-STAR	
ISM,MCO	(MCO LANDING NORTH)COUPN BEETN JIMAR PBCUP Q85 LPERD SNFLD (RNAV)-STAR	
JACKSONVILLE(JAX).....	(TURBOJETS)COUPN BEETN JIMAR DEEZ Q409 SESUE ESENT LUNNI (RNAV)-STAR.....	
MCF,PIE,TPA,VDF	COUPN BEETN JIMAR DEEZ Q409 PUPYY BAAMF DADES (RNAV)-STAR	
MINNEAPOLIS(MSP)	WAIKS KELLE MOL J24 HVQ FWA GIJ KAMMA KKILR (RNAV)-STAR.....	
NEW YORK(JFK)	SCHOL KALDA ZJAAY DLAAY RADD SIE CAMRN-STAR	1100-0400
NEW YORK(LGA).....	HOUKY TAPPA LUCYL HYTRA PROUD (RNAV)-STAR	1100-0300
NEWARK(EWR)	(TURBOJETS)HOUKY T295 TAPPA HYTRA PHLBO (RNAV)-STAR.....	1100-0400
ORLANDO(MCO)	(MCO LANDING SOUTH)COUPN BEETN JIMAR PBCUP Q85 LPERD GTOUT (RNAV)-STAR	
PHILADELPHIA METRO(ILG,MQS,PHL,PNE,TTN)	(TURBOJETS)SCHOL KALDA ZJAAY JIIMS (RNAV)-STAR	1100-0400
TETERBORO METRO(TEB,CDW,LDJ,MMU,SMQ,47N)	(TURBOJETS)HOUKY T295 TAPPA HYTRA JAIKE (RNAV)-STAR.....	1100-0400
OGDENSBURG(OGS)		
ORLANDO(MCO)	(MCO LANDING SOUTH)ART SYR J59 PSB Q71 EMNEM Q103 SLOJO Q83 ROYCO Q85 LPERD GTOUT (RNAV)-STAR..... or (MCO LANDING NORTH)ART SYR J59 PSB Q71 EMNEM Q103 SLOJO Q83 ROYCO Q85 LPERD SNFLD (RNAV)-STAR.....	
ORLANDO(SFB)	ART SYR J59 PSB Q71 EMNEM Q103 SLOJO Q83 ROYCO Q85 LPERD TTHOR (RNAV)-STAR	1100-0300
ST PETERSBURG-CLEARWATER(PIE)..	ART SYR J59 PSB Q71 EMNEM Q103 SLOJO Q75 TEUFL BAAMF DADES (RNAV)-STAR.....	1100-0300
PHILADELPHIA METRO(PHL,PNE)		
MONTREAL(CYUL)	DITCH Q437 LLUND CAM JASDU PBERG CARTR (CANADIAN) (RNAV)-STAR	
PHILADELPHIA(PHL)		
06FA,BCT,F45,PBI.....	(JETS ONLY)(WATER)OOD TEBEE HAYDO TRPOD Q409 CRPLR EARZZ Q131 WAALT Y289 DULEE CLMNT (RNAV)-STAR.....	
06FA,BCT,FXE,PBI,PMP	OOD TEBEE HAYDO TRPOD CRPLR PAACK Q97 KENLL CPTAN (RNAV)-STAR	
07FA,FLL,HST,HWO,MIA,OPF,TMB,X51	(VLJ)/TURBPROP ONLY: INCL EA50,E50P,SF50,C510,C525)OOD TEBEE HAYDO TRPOD CRPLR PAACK Q97 KENLL TARP (RNAV)-STAR.....	

PREFERRED IFR ROUTES

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Terminals	Route	Effective Times (UTC)
07FA,HST,MIA,TMB,X51	OOD TEBEE HAYDO TRPOD CRPLR PAACK Q97 DEBR CSTAL (RNAV)-STAR	
	or	
7FL6,DAB,DED,EVB,LEE,OMN,ORL,SFB,X 50	(JETS ONLY, EXCLUDES EA50, E50P, SF50, C510, C525)(WATER)OOD TEBEE HAYDO TRPOD Q409 CRPLR BGBRD Q101 SKARP Y313 HOAGG BNFSH (RNAV)-STAR	
ALBANY(ALB)	OOD TEBEE HAYDO TRPOD Q409 CRPLR Q85 LPERD TTHOR (RNAV)-STAR	
ATLANTA(ATL)	DITCH Q437 LLUND TRUDE V487 CANAN	
BOSTON(BOS)	STOEN REEFI EMI J48 MOL FLASK OZZZI (RNAV)-STAR	1100-0300
BUFFALO(BUF)	DITCH Q437 HNNAH Q450 JFK ROBUC (RNAV)-STAR	
BURLINGTON(BTV)	PTW SARAA RAV TYMAN	
CHARLOTTE(CLT)	(NORTH)DITCH Q437 LLUND CAM	
CHICAGO(MDW)	STOEN Q75 GVE LYH CHSLY (RNAV)-STAR	
	PTW SARAA RAV PSB J60 ASHEN BAGEL PANGG (RNAV)-STAR	
CHICAGO(ORD)	(RNAV EQUIPPED)PTW SARAA Q62 WATSN WATSN (RNAV)-STAR	
CHS,JZI	OOD TEBEE HAYDO TRPOD Q409 CRPLR DFENC Q109 LAANA AMYLU AMYLU (RNAV)-STAR	1100-0300
CLEVELAND(CLE)	(RNAV TURBOJET)PTW SARAA RAV PSB UPPRR TRYBE (RNAV)-STAR	
COLUMBUS(CMH)	MXE PENSY J110 AIR CLPRR (RNAV)-STAR	
COVINGTON(CVG)	MXE PENSY J110 FLIRT MRB J6 COLNS GAVNN (RNAV)-STAR	
DALLAS-FORT WORTH(DFW)	(DFW SOUTH FLOW)MXE PENSY J110 FLIRT MRB J6 HVQ Q68 LITTR FEWWWW SEEVVR (RNAV)-STAR ...	
	or	
DAYTON(DAY)	(DFW NORTH FLOW)MXE PENSY J110 FLIRT MRB J6 HVQ Q68 LITTR FEWWWW BRDJE (RNAV)-STAR ...	
DENVER(DEN)	MXE PENSY J110 AIR APE DANEL-STAR	
	PTW SARAA RAV PSB J60 IOW DSM OBH BRWRY LAWGR (RNAV)-STAR	
DETROIT SATS(DET,ARB,PTK,YIP,CYQG)	PTW SARAA RAV PSB WWSHR FOREY (RNAV)-STAR	
DETROIT(DTW)	(DME/DME/IRU OR GPS REQUIRED)(DTW SOUTH FLOW)MXE PENSY J110 FLIRT BRNAN Q42 PSYKO KOZAR BONZZ (RNAV)-STAR	
	or	
	(DME/DME/IRU OR GPS REQUIRED)(DTW NORTH FLOW)MXE PENSY J110 FLIRT BRNAN PSYKO KOZAR KLYNK (RNAV)-STAR	
FLL,OPF	(JETS ONLY. EXCLUDES EA50. E50P. SF50. C510. C525)(WATER)OOD TEBEE HAYDO TRPOD Q409 CRPLR KOOKI Q133 CHIEZ Y291 MAJIK CUUDA (RNAV)-STAR	
	or	
FORT LAUDERDALE(FLL)	OOD TEBEE HAYDO TRPOD CRPLR PAACK Q97 PRMUS CUUDA (RNAV)-STAR	
	(JETS ONLY, EXCLUDES EA50, E50P, SF50, C510, C525)(DEEP OCEAN)OOD TEBEE HAYDO SIE B24 LYNUS SILLY Y485 STERN Y493 JENKS MAJIK CUUDA (RNAV)-STAR	
FORT MYERS(FMY)	STOEN Q75 SLOJO Q103 CYNTA SHFTY (RNAV)-STAR	
FORT MYERS(RSW)	STOEN Q75 SLOJO Q103 CYNTA SHFTY (RNAV)-STAR	
GREENSBORO(GSO)	STOEN Q75 GVE LYH HENBY	
HOT SPRINGS(HSP)	STOEN REEFI EMI J48 MOL	
HOUSTON(HOU)	(TURBOJETS)STOEN REEFI EMI J48 CSN FANPO Q40 AEX WAPPL (RNAV)-STAR	
HOUSTON(IAH)	(TURBOJETS)(IAH WEST FLOW)STOEN REEFI EMI J48 CSN FANPO Q40 AEX DOOBI (RNAV)-STAR	
	or	
	(TURBOJETS)(IAH EAST FLOW)STOEN REEFI EMI J48 CSN FANPO Q40 AEX SKNRD (RNAV)-STAR	
INDIANAPOLIS(IND)	MXE PENSY J110 FLIRT BRNAN Q42 HIDON RINTE SNKPT (RNAV)-STAR	
ISM,LEE,MCO,ORL,SFB	(JETS ONLY)(WATER)OOD TEBEE HAYDO TRPOD Q409 CRPLR EARZZ Q131 WAALT Y289 BAHAA HIBAC ALYNA (RNAV)-STAR	

Terminals	Route	Effective Times (UTC)
ISM,MCO	(MCO LANDING NORTH)OOD TEBEE HAYDO TRPOD Q409 CRPLR Q85 LPERD SNFLD (RNAV)-STAR..	
JACKSONVILLE(JAX)	(TURBOJETS ONLY; DME/DME/IRU OR GPS REQUIRED)OOD TEBEE HAYDO TRPOD Q409 SESUE ESENT LUNNI (RNAV)-STAR	
KANSAS CITY(MCI)	ZIMMZ Q42 MIKYG Q480 AIR J80 SPI EUING RUDDH (RNAV)-STAR	
KNOXVILLE(TYS)	STOEN REEFI EMI J48 CSN FANPO Q40 ALEAN VXV	
LEWISBURG(LWB)	STOEN REEFI EMI J48 MOL V140 COVEY	
LEXINGTON(LEX)	MXE PENSJ J110 LEJOY HVQ	
LOUISVILLE(SDF)	MXE PENSJ J110 FLIRT MRB J6 HVQ Q68 YOCKY UNCKL MAUDD (RNAV)-STAR	
MANCHESTER(MHT)	(NORTH)DITCH Q437 LLUND SMYTH ROZZE (RNAV)-STAR	1100-0300
MARCO ISLAND(MKY)	STOEN Q75 SLOJO Q103 CYNTA SHFTY (RNAV)-STAR	
MEMPHIS(MEM)	MXE PENSJ J110 FLIRT J6 HVQ Q68 RYANS BWG BLUZZ (RNAV)-STAR	
MIAMI(MIA)	(JETS ONLY, EXCLUDES EA50, E50P, SF50, C510, C525)(DEEP OCEAN)OOD TEBEE HAYDO SIE B24 LYNUS SILLY Y485 STERN Y493 JENKS HOAGG BNFSH (RNAV)-STAR	
MILWAUKEE(MKE)	(RNAV EQUIPPED ONLY)PTW SARAA RAV J64 EWC DJB CRL PEGEE GETCH LYSTR SUDDS	
MINNEAPOLIS(MSP)	PTW SARAA RAV PSB J60 DJB J34 VIO KAMMA KKILR (RNAV)-STAR	
MSY,NEW,NBG	STOEN REEFI EMI J48 CSN FANPO Q40 NIOLA MERDN TRSSH (RNAV)-STAR	
MYRTLE BEACH(MYR)	OOD TEBEE HAYDO TRPOD Q409 CRPLR PAACK WYLM8	
NAPLES(APF)	STOEN Q75 SLOJO Q103 CYNTA SHFTY (RNAV)-STAR	
NASHVILLE(BNA)	MXE PENSJ J110 FLIRT MRB J6 HVQ Q68 YOCKY Groat PASLY (RNAV)-STAR	
NEWPORT NEWS(PHF)	OOD TEBEE HAYDO TRPOD JAMIE CCV	
ORLANDO(MCO)	(DEEP OCEAN)OOD TEBEE HAYDO SIE B24 LYNUS SILLY Y485 STERN Y493 BAHAA HIBAC ALYNA (RNAV)-STAR	
	or	
	(MCO LANDING SOUTH)OOD TEBEE HAYDO TRPOD Q409 CRPLR Q85 LPERD GTOUT (RNAV)-STAR..	
PITTSBURGH(PIT)	MXE PENSJ J110 VINSE DEMME (RNAV)-STAR	
PORTLAND(PWM)	DITCH T416 JIMEE WAVEY SHIPP CCC SCOGS (RNAV)-STAR	
PORTSMOUTH(PSM)	DITCH Q437 LLUND Q22 FOXWD KLANE TTERI REMDG	
PROVIDENCE(PVD)	DITCH T416 JIMEE WAVEY SHLEP ORCHA JORDN JORDN (RNAV)-STAR	
	or	
	DITCH T416 JIMEE WAVEY SHLEP ORCHA JORDN MINNK	
RALEIGH/DURHAM(RDU)	(RNAV EQUIPPED)OOD TEBEE HAYDO TRPOD TAQLE (RNAV)-STAR	
RICHMOND(RIC)	OOD TEBEE HAYDO TRPOD JAMIE	
ROANOKE(ROA)	STOEN REEFI EMI J48 MOL	
ROCHESTER(ROC)	PTW SARAA RAV TYMAN J227 ULW GIBBE	
SAN FRANCISCO(SFO)	PTW SARAA RAV J64 LMN PWE HLC J80 OAL INYOE DYAMD (RNAV)-STAR	
SARASOTA/BRADENTON(SRQ)	(JETS/TURBOPROPS ONLY)STOEN Q75 SLOJO Q103 PUPYY KYUULUBBR (RNAV)-STAR	
SAVANNAH(SAV)	(TURBOJETS)OOD TEBEE HAYDO TRPOD Q409 SESUE SOOOP	
ST LOUIS(STL)	MXE PENSJ J110 VHP AARCH (RNAV)-STAR	
TAMPA(TPA)	STOEN Q75 TEUFL BAAMF DADES (RNAV)-STAR...	
TORONTO(CYYZ)	PTW SARAA RAV PSB WOZEE LINNG (CANADIAN) (RNAV)-STAR	
WEST PALM BEACH(PBI)	(DEEP OCEAN)OOD TEBEE HAYDO SIE B24 LYNUS SILLY Y485 STERN Y493 BAHAA DULEE CLMNT (RNAV)-STAR	
WHITE PLAINS(HPN)	DITCH T416 CYN BOUNO-STAR	
WINDSOR LOCKS(BDL)	(NORTH)DITCH Q437 HNNAH Q450 DPK DEER PARK-STAR	

PREFERRED IFR ROUTES

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Terminals	Route	Effective Times (UTC)
PITTSBURGH(PIT)		
ATLANTA(ATL)	(RNAV ONLY)AKSAR BURGS HVQ HLRRY ONDRE (RNAV)-STAR	
BALTIMORE(BWI).....	(RNAV EQUIPPED)KEMAN ANTHM (RNAV)-STAR ...	
BOSTON(BOS).....	EWC WOMBT PIGGZ PONCT JFUND (RNAV)-STAR..	1100-0300
CHARLESTON(CHS).....	CKB COBBE PSK OBNEE OSPRI (RNAV)-STAR	1100-0300
CHARLOTTE(CLT).....	(RNAV ONLY)AHTIY BURGS HVQ LNDIZ PARQR (RNAV)-STAR	
CHICAGO(MDW).....	(RNAV ONLY)BSV MAYZE J60 ASHEN BAGEL PANGG (RNAV)-STAR	
CHICAGO(ORD).....	(RNAV ONLY)BSV WEEVR Q62 WATSN WATSN (RNAV)-STAR	
FORT LAUDERDALE(FLL).....	(JETS ONLY, EXCLUDES EA50, E50P, SF50, C510, C525)(WATER)CKB COBBE DANCO Q103 SLOJO Q83 JEVED Q97 PRMUS CUUDA (RNAV)-STAR	
INDIANAPOLIS(IND).....	DILNE AEROS RINTE SNKPT (RNAV)-STAR.....	
MIAMI(MIA).....	(JETS ONLY, EXCLUDES EA50, E50P, SF50, C510, C525)CKB COBBE DANCO Q103 SLOJO Q83 JEVED Q97 DEBRL CSTAL (RNAV)-STAR	
MYRTLE BEACH(MYR).....	CKB ROA SBV RDU	
NEW YORK(JFK).....	EWC WOMBT BFD HOXIE J70 LVZ LENDY-STAR.....	
NEWARK(EWR).....	EWC WOMBT PIGGZ SLT WILLIAMSPORT-STAR	
ORLANDO(MCO).....	(MCO LANDING SOUTH)CKB COBBE DANCO Q103 SLOJO Q83 ROYCO Q85 LPERD GTOUT (RNAV)-STAR or (MCO LANDING NORTH)CKB COBBE DANCO Q103 SLOJO Q83 ROYCO Q85 LPERD SNFLD (RNAV)-STAR	
PHILADELPHIA(PHL).....	JST J152 HAR V210 BUNTS	
	or (RNAV ONLY)JST BOJID (RNAV)-STAR	
SOUTH FLORIDA(FLL,OPF,MIA,07FA,HST,TMB,X 51,HWO).....	(VLJ)/TURBPROP ONLY: INCL EA50,E50P,SF50,C510,C525)CKB COBBE DANCO Q103 SLOJO Q83 JEVED Q97 KENLL TARPNI (RNAV)-STAR	
TAMPA(TPA).....	CKB COBBE DANCO Q103 SLOJO Q75 TEUFL BAAMF DADES (RNAV)-STAR.....	
WASHINGTON(DCA).....	(RNAV ONLY)MGW BUCKO FRDMM (RNAV)-STAR..	
WINDSOR LOCKS(BDL).....	(RNAV ONLY)EWC WOMBT PIGGZ RKA STELA-STAR	
PLATTSBURGH(PBG)		
ORLANDO(SFB).....	PONCT PWL BIZEX Q75 SLOJO Q83 ROYCO Q85 LPERD TTHOR (RNAV)-STAR	1100-0300
ST PETERSBURG-CLEARWATER(PIE)..	PONCT PWL BIZEX Q75 TEUFL BAAMF DADES (RNAV)-STAR	1100-0300
PORTLAND(PWM)		
06FA,BCT,F45,PBI.....	(JETS ONLY)(WATER)NUBLE (RNAV)-DP CCC Q97 KALDA Q131 WAALT Y289 DULEE CLMNT (RNAV)-STAR	
06FA,BCT,FXE,PBI,PMP	NUBLE (RNAV)-DP CCC Q97 KENLL CPTAN (RNAV)-STAR	
07FA,HST,MIA,TMB,X51	NUBLE (RNAV)-DP CCC Q97 DEBRL CSTAL (RNAV)-STAR	
	or (JETS ONLY, EXCLUDES EA50, E50P, SF50, C510, C525)(WATER)NUBLE (RNAV)-DP CCC Q97 KALDA Q101 SKARP Y313 HOAGG BNFSH (RNAV)-STAR	
BWI,MTN	NUBLE (RNAV)-DP CCC TOPRR Q167 ZIZZI KNUKK ATR LAFLN MIIDY	1100-0300
CHARLOTTE(CLT).....	NUBLE (RNAV)-DP NELLIE Q75 GVE LYH CHSLY (RNAV)-STAR	1100-0300
CHICAGO(ORD).....	(DME/DME/IRU OR GNSS REQUIRED)HSKEL (RNAV)-DP CAM Q822 FNT WYNDE (RNAV)-STAR.....	1100-0300
CLEVELAND(CLE).....	(RNAV TURBOJET)HSKEL (RNAV)-DP CAM Q822 GONZZ HANKK THOME TRYBE (RNAV)-STAR	1100-0300
COVINGTON(CVG).....	(DME/DME/IRU OR GNSS REQUIRED)HSKEL (RNAV)-DP CAM Q822 GONZZ JOSSY MAULL KODIE CTW TIGRR (RNAV)-STAR	1100-0300

PREFERRED IFR ROUTES

Terminals	Route	Effective Times (UTC)
DETROIT(DTW)	(DME/DME/IRU OR GPS REQUIRED)(DTW SOUTH FLOW)HSKEL (RNAV)-DP CAM Q822 GONZZ DONEO TPGUN (RNAV)-STAR.....	1100-0300
	or	
	(DME/DME/IRU OR GPS REQUIRED)(DTW NORTH FLOW)HSKEL (RNAV)-DP CAM Q822 GONZZ DONEO CUUGR (RNAV)-STAR	1100-0300
FORT MYERS(RSW)	NUBLE (RNAV)-DP NELIE Q75 SLOJO Q103 CYNTA SHFTY (RNAV)-STAR	1100-0300
ISM,LEE,MCO,ORL,SFB	(JETS ONLY)(WATER)NUBLE (RNAV)-DP CCC Q97 KALDA Q131 WAALT Y289 BAHAA HIBAC ALYNA (RNAV)-STAR.....	
ISM,MCO	(MCO LANDING NORTH)NUBLE (RNAV)-DP NELIE BIZEX Q75 SLOJO Q83 ROYCO Q85 LPERD SNFLD (RNAV)-STAR.....	
	or	
	(MCO LANDING NORTH)NUBLE (RNAV)-DP CCC Q97 SAWED MOXXY Q85 LPERD SNFLD (RNAV)-STAR	
	or	
	(MCO LANDING SOUTH)NUBLE (RNAV)-DP CCC Q97 SAWED MOXXY Q85 LPERD GTOUT (RNAV)-STAR	
	or	
	(MCO LANDING SOUTH)NUBLE (RNAV)-DP NELIE BIZEX Q75 SLOJO Q83 ROYCO Q85 LPERD GTOUT (RNAV)-STAR.....	
MINNEAPOLIS(MSP)	(TURBOJETS)HSKEL (RNAV)-DP HANAA Q816 KELTI Q812 ZOHAN IDIOM MUSCL (RNAV)-STAR.....	1000-0300
NEW YORK(JFK)	(TURBOJETS ONLY)NUBLE (RNAV)-DP JJIMY PVD TRAIT PARCH PARCH (RNAV)-STAR	
NEW YORK(LGA).....	(ADVANCED RNAV ONLY)HSKEL (RNAV)-DP CAM ALB HAARP-STAR.....	1100-0300
NEWARK(EWR)	(ADVANCED RNAV ONLY)HSKEL (RNAV)-DP HANAA FLOSI (RNAV)-STAR	
PHILADELPHIA(PHL)	NUBLE (RNAV)-DP CCC MANTA Q439 BRIGS JIIMS (RNAV)-STAR.....	1100-0300
PITTSBURGH(PIT).....	HSKEL (RNAV)-DP CAM ALB J49 HNK SLT HAYNZ (RNAV)-STAR.....	1100-0300
RALEIGH/DURHAM(RDU)	NUBLE (RNAV)-DP CCC TOPRR Q167 ZJAAY TAQLE (RNAV)-STAR.....	
SARASOTA/BRADENTON(SRQ).....	(JETS/TURBOPROPS ONLY)NUBLE (RNAV)-DP NELIE Q75 SLOJO Q103 PUPYY KYUUU LUBBR (RNAV)-STAR.....	
TAMPA(TPA).....	NUBLE (RNAV)-DP NELIE Q75 TEUFL BAAMF DADES (RNAV)-STAR.....	1100-0300
WASHINGTON(DCA).....	NUBLE (RNAV)-DP CCC TOPRR Q167 ZIZZI KNUKK ATR LAFLN DEALE (RNAV)-STAR	1100-0300
WASHINGTON(IAD).....	(AOB 220; TURBOPROPS)CAM ALB HNK FQM LEGGO (RNAV)-STAR.....	1100-0300
	or	
	(ADVANCED RNAV ONLY)NUBLE (RNAV)-DP BAF HYPER (RNAV)-STAR.....	
WHITE PLAINS(HPN)	(ADVANCED RNAV ONLY)HSKEL (RNAV)-DP CAM ALB VALRE-STAR	
PORTSMOUTH(PSM)		
06FA,BCT,F45,PBI.....	(JETS ONLY)(WATER)SCUPP FOXBO RIFLE HEADI Q97 KALDA Q131 WAALT Y289 DULEE CLMNT (RNAV)-STAR.....	
06FA,BCT,FXE,PBI,PMP	SCUPP FOXBO RIFLE HEADI Q97 KENLL CPTAN (RNAV)-STAR.....	
7FL6,DAB,DED,EVB,LEE,OMN,ORL,SFB,X 50.....	CON CAM ALB BIZEX Q75 SLOJO Q83 ROYCO Q85 LPERD TTHOR (RNAV)-STAR	
CAMP SPRINGS(ADW)	CON CAM PONCT BIZEX Q75 MXE V378 BAL	1100-0300
FA54,LAL,PGD,SRQ,VNC	CON CAM ALB BIZEX Q75 SLOJO Q103 PUPYY KYUUU LUBBR (RNAV)-STAR	
ISM,LEE,MCO,ORL,SFB	(JETS ONLY)(WATER)SCUPP FOXBO RIFLE HEADI Q97 KALDA Q131 WAALT Y289 BAHAA HIBAC ALYNA (RNAV)-STAR.....	
MCF,PIE,TPA,VDF	CON CAM ALB BIZEX Q75 TEUFL BAAMF DADES (RNAV)-STAR.....	
MYRTLE BEACH(MYR).....	SCUPP FOXBO RIFLE HEADI Q97 PAACK WYLMs ...	

PREFERRED IFR ROUTES

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Terminals	Route	Effective Times (UTC)
RALEIGH/DURHAM(RDU)	SCUPP FOXBO RIFLE Q167 ZJAAY TAQLE (RNAV)-STAR	
PROVIDENCE(PVD)		
06FA,BCT,F45,PBI	(JETS ONLY)(WATER)JUMPR RIFLE HEADI Q97 KALDA Q131 WAALT Y289 DULEE CLMNT (RNAV)-STAR	
06FA,BCT,FXE,PBI,PMP	JUMPR RIFLE HEADI Q97 KENLL CP TAN (RNAV)-STAR	
07FA,FLL,HST,HWO,MIA,OPF,TMB,X51	(VLJ)/TURBPROP ONLY: INCL EA50,E50P,SF50,C510,C525)JUMPR RIFLE HEADI Q97 KENLL TARPN (RNAV)-STAR	
07FA,HST,MIA,TMB,X51	JUMPR RIFLE HEADI Q97 DEBRL CSTAL (RNAV)-STAR or (JETS ONLY, EXCLUDES EA50, E50P, SF50, C510, C525)(WATER)JUMPR RIFLE HEADI Q97 KALDA Q101 SKARP Y313 HOAGG BNFSH (RNAV)-STAR	1100-0300
7FL6,DAB,DED,EVB,LEE,OMN,ORL,SFB,X50	JUMPR RIFLE HEADI Q97 SAWED MOXXY Q85 LPERD TTHOR (RNAV)-STAR	1100-0300
ATLANTA(ATL)	(RNAV ONLY)PUT BAF Q448 PTW J48 MOL FLASK OZZI (RNAV)-STAR	
BWI,MTN	JUMPR RIFLE Q167 ZIZZI KNUKK ATR LAFLN MIIDY (RNAV)-STAR	1100-0300
CHARLOTTE(CLT)	PUT NELIE Q75 GVE LYH CHSLY (RNAV)-STAR	1100-0300
CHICAGO(MDW)	(DME/DME/IRU OR GNSS REQUIRED)PUT CTR CAM Q822 GONZZ Q29 JHW DJB J60 ASHEN BAGEL PANGG (RNAV)-STAR	1100-0300
CHICAGO(ORD)	(TURBOJETS: DME/DME/IRU OR GNSS REQUIRED)PUT CTR CAM Q822 FNT WYNDE (RNAV)-STAR	1100-0300
CHS,JZI	(TURBOJETS)JUMPR RIFLE HEADI Q97 SAWED DFENC Q109 LAANA AMYLU AMYLU (RNAV)-STAR	
COVINGTON(CVG)	(ALL OTHERS)PUT CTR HNK J49 PSB MAULL KODIE CTW TIGRR (RNAV)-STAR	
	or (RNAV ONLY)CTR HNK J49 PSB MAULL KODIE CTW TIGRR (RNAV)-STAR	
DENVER(DEN)	PUT CTR CAM ARNII Q816 HOCKE Q935 MONEE IANNA ONL PORDR AALLE (RNAV)-STAR	
DETROIT SATS(DET,CYQG ONLY)	(DME/DME/IRU OR GNSS REQUIRED)PUT CTR CAM Q822 GONZZ COLTS GIGGY (RNAV)-STAR	1100-0300
DETROIT SATS(YIP,PTK,ARB ONLY)....	(DME/DME/IRU OR GNSS REQUIRED)PUT CTR CAM Q822 GONZZ COLTS OKLND (RNAV)-STAR	1100-0300
DETROIT(DTW)	(DME/DME/IRU OR GPS REQUIRED)(DTW NORTH FLOW)PUT CTR CAM Q822 GONZZ DONEO CUUGR (RNAV)-STAR	
	or (DME/DME/IRU OR GPS REQUIRED)(DTW SOUTH FLOW)PUT CTR CAM Q822 GONZZ DONEO TPGUN (RNAV)-STAR	1100-0300
FLL,OPF	JUMPR RIFLE HEADI Q97 PRMUS CUUDA (RNAV)-STAR or (JETS ONLY, EXCLUDES EA50, E50P, SF50, C510, C525)(WATER)JUMPR RIFLE HEADI Q97 KALDA Q133 CHIEZ Y291 MAJIK CUUDA (RNAV)-STAR	
FORT MYERS(RSW)	PUT NELIE Q75 SLOJO Q103 CYN TA SHFTY (RNAV)-STAR	1100-0300
ISM,LEE,MCO,ORL,SFB	(JETS ONLY)(WATER)JUMPR RIFLE HEADI Q97 KALDA Q131 WAALT Y289 BAHAA HIBAC ALYNA (RNAV)-STAR	
ISM,MCO	(MCO LANDING NORTH)JUMPR RIFLE HEADI Q97 SAWED MOXXY Q85 LPERD SNFLD (RNAV)-STAR	
JACKSONVILLE(JAX)	(TURBOJETS ONLY; DME/DME/IRU OR GPS REQUIRED)JUMPR RIFLE HEADI Q97 SAWED GUILD Q409 SESUE ESENT LUNNI (RNAV)-STAR	
MINNEAPOLIS(MSP)	(TURBOJETS)PUT CTR CAM ARNII Q816 KELTI Q812 ZOHAN IDIOM MUSCL (RNAV)-STAR	1000-0300
NEW YORK(LGA)	(250 KTS OR LESS)PUT BAF PWL V405 CASSH V123 HAARP	1100-0300
	or (ABOVE 250 KTS)PUT NELIE VALRE HAARP-STAR .	1100-0300
NEWARK(EWR)	PUT NELIE FLOSI (RNAV)-STAR	
NORFOLK(ORF)	JUMPR RIFLE Q167 ZJAAY CCV	
ORLANDO(MCO)	(MCO LANDING SOUTH)JUMPR RIFLE HEADI Q97 SAWED MOXXY Q85 LPERD GTOUT (RNAV)-STAR	

PREFERRED IFR ROUTES

Terminals	Route	Effective Times (UTC)
PHILADELPHIA(PHL)	JUMPR RIFLE Q439 BRIGS JIIMS (RNAV)-STAR	1100-0300
PITTSBURGH(PIT)	PUT CTR HNK KONJE SLT HAYNZ (RNAV)-STAR	1100-0300
RALEIGH/DURHAM(RDU)	JUMPR RIFLE Q167 ZJAY TAQLE (RNAV)-STAR....	
RICHMOND(RIC)	JUMPR RIFLE Q167 ZJAY ARICE JAMIE	
SARASOTA/BRADENTON(SRQ)	(JETS/TURBOPROPS ONLY)PUT NELIE Q75 SLOJO Q103 PUPYY KYUUU LUBBR (RNAV)-STAR	
ST LOUIS(STL)	(RNAV ONLY)PUT BAF Q480 AIR J110 VHP AARCH (RNAV)-STAR	1100-0300
ST PETERSBURG-CLEARWATER(PIE)..	PUT NELIE Q75 TEUFL BAAMF DADES (RNAV)-STAR	1100-0300
TAMPA(TPA)	PUT NELIE Q75 TEUFL BAAMF DADES (RNAV)-STAR	1100-0300
WASHINGTON(DCA)	(TURBOJET)JUMPR RIFLE Q167 ZIZZI KNUKK ATR LAFLN DEALE (RNAV)-STAR	1100-0300
WASHINGTON(IAD)	(RNAV ONLY)PUT BAF HYPER (RNAV)-STAR	
	or	
	(AOB 220; TURBOPROPS)PUT BAF SAGES LAAYK MIP SEG LEGGO (RNAV)-STAR	1100-0300
RICHMOND(RIC)		
07FA,FLL,HST,HWO,MIA,OPF,TMB,X51	(VLJ/TURBPROP ONLY: INCL EA50,E50P,SF50,C510,C525)HOUKY MAZON KOHLS Q97 KENLL TARPEN (RNAV)-STAR	
07FA,HST,MIA,TMB,X51	(JETS ONLY, EXCLUDES EA50, E50P, SF50, C510, C525)(WATER)HOUKY MAZON KOHLS SKARP Y313 HOAGG BNFSH (RNAV)-STAR	
ATLANTA(ATL)	KALLI (RNAV)-DP READE LYH FLASK OZZZI (RNAV)-STAR	
BOSTON(BOS)	LUCYL (RNAV)-DP LUCYL HYTRA GRACO BROSS Q419 JFK ROBUK (RNAV)-STAR	
CHARLOTTE(CLT)	(AOB FL300)KALLI (RNAV)-DP READE LYH CHSLY (RNAV)-STAR	
CHICAGO(ORD)	KALLI (RNAV)-DP READE MOL GEFFS J149 ROD WATSN (RNAV)-STAR	
COLUMBUS(CMH)	(TURBOJET)KALLI (RNAV)-DP READE MOL HVQ MCGNS SCRLT (RNAV)-STAR	
COLUMBUS(LCK)	KALLI (RNAV)-DP READE MOL J24 HVQ MCGNS SCRLT (RNAV)-STAR	
COLUMBUS(OSU)	KALLI (RNAV)-DP READE MOL J24 HVQ MCGNS SCRLT (RNAV)-STAR	
DETROIT(DTW)	(DTW SOUTH FLOW)KALLI (RNAV)-DP READE MOL J24 TARCI JAMOX BONZZ (RNAV)-STAR	
	or	
	(DTW NORTH FLOW)KALLI (RNAV)-DP READE MOL J24 TARCI JAMOX KLYNK (RNAV)-STAR	
FLL,OPF	(JETS ONLY, EXCLUDES EA50, E50P, SF50, C510, C525)HOUKY MAZON KOHLS Q97 PRMUS CUUDA (RNAV)-STAR	
	or	
	(JETS ONLY, EXCLUDES EA50, E50P, SF50, C510, C525)(WATER)HOUKY MAZON KOHLS CHIEZ Y291 MAJIK CUUDA (RNAV)-STAR	
FORT MYERS(RSW)	KALLI (RNAV)-DP DRAIK Q75 SLOJO Q103 CYNTA SHFTY (RNAV)-STAR	
HOUSTON(HOU)	KALLI (RNAV)-DP READE LYH PSK ALEAN Q40 AEX WAPPL (RNAV)-STAR	
HOUSTON(IAH)	(IAH EAST FLOW)KALLI (RNAV)-DP READE LYH PSK ALEAN Q40 AEX SKNRD (RNAV)-STAR	
	or	
	(IAH WEST FLOW)KALLI (RNAV)-DP READE LYH PSK ALEAN Q40 AEX DOOBI (RNAV)-STAR	
ISM,LEE,MCO,ORL,SFB	(JETS ONLY)(WATER)HOUKY MAZON KOHLS PRONI WAALT Y289 BAHAA HIBAC ALYNA (RNAV)-STAR	
MIAMI(MIA)	HOUKY MAZON KOHLS Q97 DEBRL CSTAL (RNAV)-STAR	
MINNEAPOLIS(MSP)	KALLI (RNAV)-DP READE MOL J24 HVQ FWA GIJ KAMMA KKILR (RNAV)-STAR	
MQS,PHL,PNE,TTN	LUCYL (RNAV)-DP LUCYL HYTRA PAATS (RNAV)-STAR	
NEW YORK(JFK)	LUCYL (RNAV)-DP LUCYL HYTRA GARED PANZE V44 CAMRN	
NEW YORK(LGA)	LUCYL (RNAV)-DP LUCYL HYTRA PROUD (RNAV)-STAR	
NEWARK(EWR)	LUCYL (RNAV)-DP LUCYL HYTRA PHLBO (RNAV)-STAR	

PREFERRED IFR ROUTES

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Effective
Times (UTC)

Terminals

ORLANDO(MCO)

ORLANDO(SFB).....

SARASOTA/BRADENTON(SRQ)

ST PETERSBURG–CLEARWATER(PIE)..

TAMPA(TPA).....

Route

(MCO LANDING NORTH)KALLI (RNAV)–DP DRAIK Q75
SLOJO Q83 ROYCO Q85 LPERD SNFLD (RNAV)–STAR
or
(MCO LANDING SOUTH)KALLI (RNAV)–DP DRAIK Q75
SLOJO Q83 ROYCO Q85 LPERD GTOUT (RNAV)–STAR
KALLI (RNAV)–DP DRAIK Q75 SLOJO Q83 ROYCO Q85
LPERD TTHOR (RNAV)–STAR
(JETS/TURBOPROPS ONLY)KALLI (RNAV)–DP DRAIK
Q75 SLOJO Q103 PUPPY KYUJU LUBBR
(RNAV)–STAR
KALLI (RNAV)–DP DRAIK Q75 TEUFL BAAMF DADES
(RNAV)–STAR
KALLI (RNAV)–DP DRAIK Q75 TEUFL BAAMF DADES
(RNAV)–STAR

ROANOKE(ROA)

CHARLOTTE(CLT).....
CHICAGO(ORD).....
COLUMBUS(CMH).....
COLUMBUS(LCK).....
COLUMBUS(OSU).....
DETROIT(DTW).....

MQS,PHL,PNE,TTN
NEW YORK(LGA).....

(AOB FL220)LYH CHSLY (RNAV)–STAR
Geffs J149 ROD WATSN (RNAV)–STAR.....
HVQ MCGNS SCRLT (RNAV)–STAR.....
HVQ MCGNS SCRLT (RNAV)–STAR.....
HVQ MCGNS SCRLT (RNAV)–STAR.....
(DME/DME/IRU OR GPS REQUIRED)(DTW NORTH
FLOW)BKW JAMOX KLYNK (RNAV)–STAR
or
(DME/DME/IRU OR GPS REQUIRED)(DTW SOUTH
FLOW)BKW JAMOX BONZZ (RNAV)–STAR
LYH BBDOL PAATS (RNAV)–STAR
GVE PROUD (RNAV)–STAR

ROCHESTER(ROC)

BALTIMORE(BWI).....
BOSTON(BOS).....
CHARLOTTE(CLT).....
CLEVELAND(CLE).....
DETROIT(DTW).....

FORT LAUDERDALE(FLL).....

FORT MYERS(RSW).....
NEW YORK(JFK).....

NEW YORK(LGA).....
NEWARK(EWR).....

ORLANDO(MCO).....

TAMPA(TPA).....

WASHINGTON(DCA).....
WEST PALM BEACH(PBI).....

(TURBOJETS)KUBFA IZZEE TRISH (RNAV)–STAR
BEEPS PONCT JFUND (RNAV)–STAR.....
BURST HVQ LNDIZ PARQR (RNAV)–STAR.....
GEE BURST THOME TRYBE (RNAV)–STAR.....
(DTW SOUTH FLOW)GEE DONEO TOPGN (RNAV)–STAR
or
(DTW NORTH FLOW)GEE DONEO CUUGR (RNAV)–STAR
GEE BURST EMNEM Q103 SLOJO Q83 JEVED Q97
PRMUS CUUDA (RNAV)–STAR.....
GEE BURST EMNEM Q103 CYNTE SHFTY (RNAV)–STAR
(DME/DME/IRU OR GNSS REQUIRED)BEEPS Q140
YODAA IGN KINGSTON–STAR
(TURBOJET)AUDIL RKA HAARP–STAR.....
(DME/DME/IRU OR GNSS REQUIRED)BEEPS Q140
KODEY HNK FLOSI (RNAV)–STAR
(MCO LANDING NORTH)ROC GEE BURST EMNEM Q103
SLOJO Q83 ROYCO Q85 LPERD SNFLD (RNAV)–STAR
or
(MCO LANDING SOUTH)GEE BURST EMNEM Q103
SLOJO Q83 ROYCO Q85 LPERD GTOUT (RNAV)–STAR
GEE BURST EMNEM Q103 SLOJO Q75 TEUFL BAAMF
DADES (RNAV)–STAR.....
(RNAV ONLY)GEE ETG PSB SKILS (RNAV)–STAR
GEE BURST EMNEM Q103 SLOJO Q83 JEVED Q97
KENLL CPTAN (RNAV)–STAR

1100–0300

1100–0300

1100–0300

1100–0300

SALISBURY(SBY)

CHARLOTTE(CLT).....
STATE COLLEGE(UNV)
DETROIT(DTW).....

CCV COUPN CHSLY (RNAV)–STAR

(DME/DME/IRU OR GPS REQUIRED)(DTW NORTH
FLOW)PSB ERI SAYCH WNGNT (RNAV)–STAR
or
(DME/DME/IRU OR GPS REQUIRED)(DTW SOUTH
FLOW)PSB ERI SAYCH FERRL (RNAV)–STAR

SYRACUSE(SYR)

CHARLOTTE(CLT).....

CHICAGO(ORD).....

COVINGTON(CVG).....

(TURBOJETS ONLY)SYR V35 ULW PSB Q71 GEFSS HVQ
LNDIZ PARQR (RNAV)–STAR
DINES HOZIR DERLO KITOK TANKO FNT WYNDE
(RNAV)–STAR
(RNAV ONLY)SYR DINES MAULL KODIE CTW TIGRR
(RNAV)–STAR

PREFERRED IFR ROUTES

Terminals	Route	Effective Times (UTC)
DETROIT SATS(DET,CYQG ONLY)	(DME/DME/IRU OR GPS REQUIRED)COLTS GIGGY (RNAV)-STAR.....	1100-0300
DETROIT SATS(YIP,PTK,ARB ONLY)	(DME/DME/IRU OR GNSS REQUIRED)BUF COLTS OKLND (RNAV)-STAR.....	1100-0300
FORT LAUDERDALE(FL).....	SYR V35 ULW PSB Q71 EMNEM Q103 SLOJO Q83 JEVED Q97 PRMUS CUUDA (RNAV)-STAR.....	
FORT MYERS(RSW)	SYR V35 ULW PSB Q71 EMNEM Q103 CYNTA SHFTY (RNAV)-STAR.....	
NEW YORK(JFK)	(250KTS OR GREATER)HJK IGN KINGSTON-STAR.	
ORLANDO(MCO)	(MCO LANDING NORTH)SYR PTAKI ULW PSB Q71 EMNEM Q103 SLOJO Q83 ROYCO Q85 LPERD SNFLD (RNAV)-STAR..... or (MCO LANDING SOUTH)SYR PTAKI ULW PSB Q71 EMNEM Q103 SLOJO Q83 ROYCO Q85 LPERD GTOUT (RNAV)-STAR.....	
TAMPA(TPA).....	SYR PTAKI ULW PSB Q71 EMNEM Q103 SLOJO Q75 TEUFL BAAMF DADES (RNAV)-STAR	
WEST PALM BEACH(PBI)	SYR V35 ULW PSB Q71 EMNEM Q103 SLOJO Q83 JEVED Q97 KENLL CPTAN (RNAV)-STAR.....	
TETERBORO(TEB)		
07FA,FL,HST,HWO,MIA,OPF,TMB,X51	(VLJ)/TURBPROP ONLY: INCL EA50,E50P,SF50,C510,C525)ELVAE COL WHITE Q409 CRPLR PAACK Q97 KENLL TARP (RNAV)-STAR	
7FL6,DAB,DED,EVB,LEE,OMN,ORL,SFB,X50.....	ELVAE COL WHITE Q409 CRPLR Q85 LPERD TTHOR (RNAV)-STAR.....	1100-0300
AUBURN/LEWISTON(LEW)	(FL190 AND ABOVE)BREZY V39 CMK GREKI JUDDS CAM CON	1100-0300
AUGUSTA(AUG)	(FL250 AND ABOVE)MERIT HFD PUT BOS MESHL.. or (FL190 AND ABOVE)BREZY V39 CMK GREKI JUDDS CAM CON	1100-0300
AUSTIN(AUS)	PARKE HYPER J6 HVQ Q68 YOCKY LITTR TKX BROBB WINDU SEWZY (RNAV)-STAR	
BANGOR(BGR)	(FL190 AND ABOVE)BREZY V39 CMK GREKI JUDDS CAM	1100-0300
	or (FL250 AND ABOVE)BREZY V39 CMK MERIT HFD PUT BOS.....	1100-0300
BAR HARBOR(BHB)	(FL250 AND ABOVE)BREZY V39 CMK MERIT HFD PUT BOS..... or (FL190 AND ABOVE)BREZY V39 CMK GREKI JUDDS CAM	1100-0300
BARRE/MONTPELIER(MPV)	(FL190 AND ABOVE)BREZY V39 CMK GREKI JUDDS CAM	1100-0300
BURLINGTON(BTV).....	(FL190 AND ABOVE; JETS ONLY)BREZY V39 CMK GREKI JUDDS CAM	1100-0300
CHS,JZI.....	ELVAE COL WHITE Q409 CRPLR DFENC Q109 LAANA AMYLU AMYLU (RNAV)-STAR	1100-0300
CONCORD(CON)	(FL190 AND ABOVE)BREZY V39 CMK GREKI JUDDS CAM	1100-0300
COVINGTON(CVG).....	(RNAV ONLY)PARKE J6 COLNS GAVNN (RNAV)-STAR	
DETROIT SATS(DET,CYQG ONLY)	(DME/DME/IRU OR GNSS REQUIRED)GAYEL Q818 WOZEE COLTS GIGGY (RNAV)-STAR.....	1100-0300
DETROIT SATS(YIP,PTK,ARB ONLY)	(DME/DME/IRU OR GNSS REQUIRED)GAYEL Q818 WOZEE COLTS OKLND (RNAV)-STAR	1100-0300
JACKSONVILLE(JAX).....	(TURBOJETS ONLY; DME/DME/IRU OR GPS REQUIRED)ELVAE COL WHITE Q409 SESUE ESENT LUNNI (RNAV)-STAR	
KEENE(EEN).....	(FL190 AND ABOVE)BREZY V39 CMK GREKI JUDDS CAM	1100-0300
LACONIA(LCI)	(FL190 AND ABOVE)GREKI JUDDS CAM	1100-0300
LAKE PLACID(LKP).....	(FL190 AND ABOVE; JETS ONLY)BREZY V39 CMK GREKI JUDDS CAM	1100-0300
LEBANON(LEB).....	(FL190 AND ABOVE)BREZY V39 CMK GREKI JUDDS CAM	1100-0300

PREFERRED IFR ROUTES

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Terminals	Route	Effective Times (UTC)
MANCHESTER(MHT)	(FL190 AND ABOVE; PROPS ONLY)GREKI JUDDS MARTN KEYNN POPPP	1100-0300
	or (FL190 AND ABOVE)BREZY V39 CMK GREKI JUDDS MARTN QUINZ ROZZE (RNAV)-STAR	1100-0300
MONTREAL(CYUL)	(AT OR ABOVE FL190; DME/DME/IRU OR GNSS REQUIRED)BREZY V39 CMK GREKI JUDDS CAM JASDU PBERG CARTR (CANADIAN) (RNAV)-STAR	
NANTUCKET(ACK).....	(FL180-FL230 ONLY; JETS ONLY)BREZY V39 CMK BAYYS SEALL V188 GON DEEPO (RNAV)-STAR ...	1100-0300
NASHUA(ASH)	(FL190 AND ABOVE)BREZY V39 CMK GREKI JUDDS CAM KEYNN MANCH	1100-0300
PORTLAND(PWM)	(FL180 AND ABOVE)BREZY V39 CMK GREKI JUDDS CAM CDOGG (RNAV)-STAR	1100-0300
PORTSMOUTH(PSM)	(170 AND ABOVE)MERIT HFD FOXWD KLANE TTERI REMDG.....	
ROCKLAND(RKD)	(FL190 AND ABOVE)BREZY V39 CMK GREKI JUDDS CAM CON	1100-0300
	or (FL250 AND ABOVE)BREZY V39 CMK MERIT HFD PUT BOS	1100-0300
RUTLAND(RUT)	(FL190 AND ABOVE)GREKI V419 JUDDS CAM	1100-0300
SAVANNAH(SAV).....	(TURBOJETS)ELVAE COL WHITE Q409 SESUE SOOOP	
WATERVILLE(WVL)	(FL190 AND ABOVE)BREZY V39 CMK GREKI JUDDS CAM	1100-0300
	or (FL250 AND ABOVE)BREZY V39 CMK MERIT HFD PUT BOS	1100-0300
TETERBORO(TEB,MMU,CDW)		
06FA,BCT,F45,PBI	(JETS ONLY)(WATER)ELVAE COL WHITE Q409 CRPLR EARZZ Q131 WAALT Y289 DULEE CLMNT (RNAV)-STAR	
06FA,BCT,FXE,PBI,PMP	ELVAE COL WHITE Q409 CRPLR PAACK Q97 KENLL CPTAN (RNAV)-STAR.....	
07FA,HST,MIA,TMB,X51	ELVAE COL WHITE Q409 CRPLR PAACK Q97 DEBRL CSTAL (RNAV)-STAR	
	or (JETS ONLY. EXCLUDES EA50. E50P. SF50. C510. C525)(WATER)ELVAE COL WHITE Q409 CRPLR BGBRD Q101 SKARP Y313 HOAGG BNF5H (RNAV)-STAR	
APF,FMY,MKY,RSW	(JETS ONLY)(WATER)ELVAE COL WHITE Q409 CRPLR EARZZ Q131 WAALT Y289 BAHAA HIBAC SHFTY (RNAV)-STAR	
BALTIMORE(BWI).....	BIGGY Q75 MXE V378 NUGGY TRISH (RNAV)-STAR	
CHARLOTTE(CLT).....	BIGGY Q75 GVE LYH CHSLY (RNAV)-STAR	
FLL,OPF	ELVAE COL WHITE Q409 CRPLR PAACK Q97 PRMUS CUUDA (RNAV)-STAR	
	or (JETS ONLY)(WATER)ELVAE COL WHITE Q409 CRPLR KOOKI Q133 CHIEZ Y291 MAJIK CUUDA (RNAV)-STAR	
FORT LAUDERDALE(FLL).....	(JETS ONLY, EXCLUDES EA50, E50P, SF50, C510, C525)(DEEP OCEAN)ELVAE COL DIXIE Y481 OHRYN Y488 STERN Y493 JENKS MAJIK CUUDA (RNAV)-STAR	
FORT MYERS(FMY)	LANNA J48 MOL FLASK COREX SPA IRQ CYNTA SHFTY (RNAV)-STAR	
FORT MYERS(RSW).....	LANNA J48 MOL FLASK COREX SPA IRQ CYNTA SHFTY (RNAV)-STAR	
ISM,LEE,MCO,ORL,SFB.....	(JETS ONLY)(WATER)ELVAE COL WHITE Q409 CRPLR EARZZ Q131 WAALT Y289 BAHAA HIBAC ALYNA (RNAV)-STAR	
ISM,MCO	(MCO LANDING NORTH)ELVAE COL WHITE Q409 CRPLR Q85 LPERD SNFLD (RNAV)-STAR	
MARCO ISLAND(MKY)	LANNA J48 MOL FLASK COREX SPA IRQ CYNTA SHFTY (RNAV)-STAR	
MIAMI(MIA)	(JETS ONLY, EXCLUDES EA50, E50P, SF50, C510, C525)(DEEP OCEAN)ELVAE COL DIXIE Y481 OHRYN Y488 STERN Y493 JENKS HOAGG BNF5H (RNAV)-STAR	

Terminals

NAPLES(APF)
 ORLANDO(MCO)
 WASHINGTON(DCA)
 WEST PALM BEACH(PBI)

Route

LANNA J48 MOL FLASK COREX SPA IRQ CYNTA SHFTY (RNAV)-STAR
 (MCO LANDING SOUTH)ELVAE COL WHITE Q409 CRPLR Q85 LPERD GTOUT (RNAV)-STAR
 or
 (DEEP OCEAN)ELVAE COL DIXIE Y481 OHRYN Y488 STERN Y493 BAHAA HIBAC ALYNA (RNAV)-STAR
 BIGGY Q75 MXE CLIPR (RNAV)-STAR
 (DEEP OCEAN)ELVAE COL DIXIE Y481 OHRYN Y488 STERN Y493 BAHAA DULEE CLMNT (RNAV)-STAR

TORONTO(CYYZ)

ATLANTA(ATL)
 BOSTON(BOS)
 COVINGTON(CVG)
 FORT LAUDERDALE(FLL)
 FORT MYERS(RSW)
 JACKSONVILLE(JAX)
 MIAMI(MIA)
 NEW YORK(LGA)
 ORLANDO(MCO)
 SAN FRANCISCO(SFO)
 SARASOTA/BRADENTON(SRQ)
 SAVANNAH(SAV)
 TAMPA(TPA)
 WEST PALM BEACH(PBI)

(JET ACFT ONLY)BETES (CANADIAN) (RNAV)-DP FOXEE Q145 HVQ HLRRY ONDRE (RNAV)-STAR
 (JET ACFT ONLY)KEPTA (CANADIAN) (RNAV)-DP BMPAH AEVON HANKK PONCT JFUND (RNAV)-STAR
 (JET ACFT ONLY)MIXUT (CANADIAN) (RNAV)-DP GNTRY APE TIGRR (RNAV)-STAR
 BETES (CANADIAN) (RNAV)-DP AIRRA Q103 SLOJO Q83 JEVED Q97 PRMU CUUDA (RNAV)-STAR
 (JETS/TURBOPROPS ONLY)BETES (CANADIAN) (RNAV)-DP AIRRA Q103 CYNTA SHFTY (RNAV)-STAR
 BETES (CANADIAN) (RNAV)-DP AIRRA Q103 SLOJO Q83 WURFL ESENT LUNNI (RNAV)-STAR
 (JETS ONLY, EXCLUDES EA50, E50P, SF50, C510, C525)BETES (CANADIAN) (RNAV)-DP AIRRA Q103 SLOJO Q83 JEVED Q97 DEBRL CSTAL (RNAV)-STAR
 (JET ACFT ONLY)KEPTA (CANADIAN) (RNAV)-DP BMPAH AEVON AUDIL RKA HAARP-STAR
 (TURBOJETS ONLY)(MCO LANDING NORTH)BETES (CANADIAN) (RNAV)-DP AIRRA Q103 SLOJO Q83 ROYCO Q85 LPERD SNFLD (RNAV)-STAR
 or
 (TURBOJETS ONLY)(MCO LANDING SOUTH)BETES (CANADIAN) (RNAV)-DP AIRRA Q103 SLOJO Q83 ROYCO Q85 LPERD GTOUT (RNAV)-STAR
 (JET ACFT ONLY)GOPUP (CANADIAN) (RNAV)-DP HOCKE BAE J16 MCW J148 OAL INYOE DYAMD (RNAV)-STAR
 (JETS/TURBOPROPS ONLY)BETES (CANADIAN) (RNAV)-DP AIRRA Q103 PUPYY KYUUL LUBBR (RNAV)-STAR
 BETES (CANADIAN) (RNAV)-DP AIRRA Q103 SLOJO CANTR PLZZZ
 (JETS/TURBOPROPS ONLY)BETES (CANADIAN) (RNAV)-DP AIRRA Q103 SLOJO Q75 TEUFL BAAMF DADES (RNAV)-STAR
 (TURBOJETS ONLY)BETES (CANADIAN) (RNAV)-DP AIRRA Q103 SLOJO Q83 JEVED Q97 KENLL CPTAN (RNAV)-STAR.....

TRENTON(TTN)

CHS,JZI.....

OOD TEBEE HAYDO TRPOD Q409 CRPLR DFENC Q109 LAANA AMYLU AMYLU (RNAV)-STAR

1100-0300

VINEYARD HAVEN(MVY)

06FA,BCT,F45,PBI
 06FA,BCT,FXE,PBI,PMP
 MORRISTOWN(MMU)
 NEW YORK(JFK)
 TETERBORO(TEB)
 WHITE PLAINS(HPN)

(JETS ONLY)(WATER)BUZRD Q167 RIFLE HEADI Q97 KALDA Q131 WAALT Y289 DULEE CLMNT (RNAV)-STAR
 BUZRD Q167 RIFLE HEADI Q97 KENLL CPTAN (RNAV)-STAR
 (AOB FL220)MVY V146 BAF MOBBS T295 SAGES V489 COATE
 (AOB FL220; TURBOJETS ONLY)SEY PARCH (RNAV)-STAR
 (AOB FL220)MVY V146 BAF MOBBS T295 SAGES V489 COATE
 (AOB FL220; 250KTS OR GREATER)MVY V146 PUT NELIE VALRE VALRE-STAR

WASHINGTON(DCA)

06FA,BCT,F45,PBI
 06FA,BCT,FXE,PBI,PMP

(JETS ONLY)(WATER)AMEEE (RNAV)-DP SCOOB EARZZ Q131 WAALT Y289 DULEE CLMNT (RNAV)-STAR
 (TURBOJETS)AMEEE (RNAV)-DP SCOOB PAACK Q97 KENLL CPTAN (RNAV)-STAR.....

PREFERRED IFR ROUTES

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Terminals	Route	Effective Times (UTC)
07FA,FLL,HST,HWO,MIA,OPF,TMB,X51	(VLJ)/TURBPROP ONLY: INCL EA50, E50P, SF50, C510, C525)AMEEE (RNAV)-DP SCOOB PAACK Q97 KENLL TARPN (RNAV)-STAR	
07FA,HST,MIA,TMB,X51	(TURBOJETS)AMEEE (RNAV)-DP SCOOB PAACK Q97 DEBRL CSTAL (RNAV)-STAR	
	or	
	(JETS ONLY. EXCLUDES EA50. E50P. SF50. C510. C525)(WATER)AMEEE (RNAV)-DP SCOOB EARZZ SKARP Y313 HOAGG BNFSH (RNAV)-STAR	
47N,CDW,LDJ,MMU,SMQ,TEB.....	SOOKI (RNAV)-DP SWANN JAIKE (RNAV)-STAR	1100-0400
AKRON(CAK)	HORTO (RNAV)-DP JERES J211 JST SOORD ZZIPS (RNAV)-STAR	
ALBANY(ALB)	(TURBOJETS)SOOKI (RNAV)-DP SWANN BROSS Q419 RBV Q22 LLUND TRUDE V487 CANAN	
ASHEVILLE(AVL)	(TURBOJETS)CLTCH (RNAV)-DP MAULS Q40 FEEDS SUG.....	1100-0400
ATLANTA(ATL)	(TURBOJETS)CLTCH (RNAV)-DP FLASK OZZZI (RNAV)-STAR	1100-0300
AUSTIN(AUS).....	CLTCH (RNAV)-DP MAULS Q40 ALEAN VXV SGS SWB LUKKN WLEEE (RNAV)-STAR.....	
BANGOR(BGR).....	SOOKI (RNAV)-DP SWANN BROSS Q419 RBV Q22 FOXWD BOS	
BEDFORD(BED)	SOOKI (RNAV)-DP SWANN BROSS Q419 DPK MAD HFD DREEM (RNAV)-STAR	
BIRMINGHAM(BHM)	(TURBOJETS)CLTCH (RNAV)-DP MAULS Q40 NIOLA DIODE.....	1100-0300
BOSTON(BOS).....	(TURBOJETS)SOOKI (RNAV)-DP SWANN BROSS Q419 JFK ROBUC (RNAV)-STAR.....	1100-0300
BRIDGEPORT(BDR)	DOCTR (RNAV)-DP AGARD WNSTN Q439 SARDI RICED KEYED	
BUFFALO(BUF)	(TURBOJETS)HORTO (RNAV)-DP JERES J220 SFK..	1100-0300
BURLINGTON(BTV)	SOOKI (RNAV)-DP SWANN BROSS Q419 RBV Q22 LLUND CAM	
CHARLOTTE(CLT).....	SCRAM (RNAV)-DP GLANC LYH CHSLY (RNAV)-STAR	
CHATTANOOGA(CHA).....	(TURBOJETS)CLTCH (RNAV)-DP MAULS Q40 ALEAN VXV	1100-0300
CHICAGO(MDW).....	(TURBOJETS)WYNGS (RNAV)-DP RAMAY Q72 HACKS J149 FWA PANGG (RNAV)-STAR	
CHICAGO(ORD).....	(TURBOJETS)WYNGS (RNAV)-DP RAMAY Q72 HACKS J149 ROD WATSN (RNAV)-STAR	
CHS,JZI	(TURBOJETS)AMEEE (RNAV)-DP SCOOB DFENC Q109 LAANA AMYLU AMYLU (RNAV)-STAR	
CLEVELAND(CLE).....	(TURBOJETS)HORTO (RNAV)-DP JERES J211 JST UPPRR TRYBE (RNAV)-STAR	
COLUMBUS(CMH).....	(TURBOJETS)WYNGS (RNAV)-DP RAMAY Q72 HACKS SCRLT SCRLT (RNAV)-STAR.....	
COLUMBUS(LCK)	WYNGS (RNAV)-DP RAMAY Q72 HACKS SCRLT SCRLT (RNAV)-STAR	
COLUMBUS(OSU).....	WYNGS (RNAV)-DP RAMAY Q72 HACKS SCRLT SCRLT (RNAV)-STAR	
COVINGTON(CVG)	(TURBOJETS)REBLL (RNAV)-DP OTTTO COLNS GAVNN (RNAV)-STAR	
DALLAS(DAL).....	REBLL (RNAV)-DP OTTTO Q80 FAREV RAMRD Q68 LITTR DIRRK HIBIL (RNAV)-STAR	
DALLAS-FORT WORTH(DFW)	(DFW SOUTH FLOW)REBLL (RNAV)-DP OTTTO Q80 FAREV RAMRD Q68 LITTR FEWWW SEEVR (RNAV)-STAR	
	or	
	(DFW NORTH FLOW)REBLL (RNAV)-DP OTTTO Q80 FAREV RAMRD Q68 LITTR FEWWW BRDJE (RNAV)-STAR	
DAYTON(DAY).....	(TURBOJETS)WYNGS (RNAV)-DP RAMAY Q72 HACKS APE	1100-0400
DENVER(DEN)	REBLL (RNAV)-DP OTTTO Q176 STL J24 OATHE CLASH (RNAV)-STAR	
DETROIT SATS(DET,ARB,PTK,YIP,CYQG)	(TURBOJETS) DME/DME/IRU OR GPS REQUIRED)HORTO (RNAV)-DP JERES J211 HAGUD WWSHR FOREY (RNAV)-STAR	

PREFERRED IFR ROUTES

Terminals	Route	Effective Times (UTC)
DETROIT(DTW)	(DTW SOUTH FLOW)HORTO (RNAV)-DP BUFFR Q178 KOZAR BONZZ (RNAV)-STAR	
	or	
	(DTW NORTH FLOW)HORTO (RNAV)-DP BUFFR Q178 KOZAR KLYNK (RNAV)-STAR	
FARMINGDALE(FRG)	(180-230)DOCTR (RNAV)-DP AGARD WNSTN Q439 SARDI CCC DPK	1000-0300
FLL,OPF	(JETS ONLY, EXCLUDES EA50, E50P, SF50, C510, C525)AMEEE (RNAV)-DP SCOOB PAACK Q97 PRMUS CUUDA (RNAV)-STAR.....	
	or	
	(JETS ONLY, EXCLUDES EA50, E50P, SF50, C510, C525)(WATER)AMEEE (RNAV)-DP SCOOB EARZZ CHIEZ Y291 MAJIK CUUDA (RNAV)-STAR	
FORT MYERS(RSW)	JDUBB (RNAV)-DP RRSIN GSO Q75 SLOJO Q103 CYNTA SHFTY (RNAV)-STAR	
GREENSBORO(GSO)	SCRAM (RNAV)-DP GLANC LYH HENBY-STAR	
GREER(GSP)	SCRAM (RNAV)-DP GLANC FUBLL JUNNR (RNAV)-STAR	
GROTON (NEW LONDON)(GON)	DOCTR (RNAV)-DP AGARD WNSTN Q439 SARDI HTO MONDI	
HOUSTON(HOU)	(TURBOJETS)CLTCH (RNAV)-DP MAULS Q40 AEX WAPPL (RNAV)-STAR.....	1100-0300
HOUSTON(IAH)	(TURBOJETS)(IAH EAST FLOW)CLTCH (RNAV)-DP MAULS Q40 AEX SKNRD (RNAV)-STAR	1100-0300
	or	
	(TURBOJETS)(IAH WEST FLOW)CLTCH (RNAV)-DP MAULS Q40 AEX DOOBI (RNAV)-STAR	1100-0300
HUNTSVILLE(HSV)	CLTCH (RNAV)-DP MAULS Q40 ALEAN VXV RQZ....	
INDIANAPOLIS(IND)	(TURBOJETS)WYNGS (RNAV)-DP RAMAY Q72 HACKS PLASH SNKPT (RNAV)-STAR	
ISM,LEE,MCO,ORL,SFB	(JETS ONLY)(WATER)AMEEE (RNAV)-DP SCOOB EARZZ Q131 WAALT Y289 BAHAA HIBAC ALYNA (RNAV)-STAR.....	
ISM,MCO	(TURBOJETS)(MCO LANDING NORTH)AMEEE (RNAV)-DP SCOOB MOXXY Q85 LPERD SNFLD (RNAV)-STAR.....	
JACKSONVILLE(JAX)	(TURBOJETS)AMEEE (RNAV)-DP SCOOB GUILD Q409 SESUE ESENT LUNNI (RNAV)-STAR	
KANSAS CITY(MCI)	(RNAV TURBOJET/TURBOPROP)REBLL (RNAV)-DP OTTO Q176 STL EUING RUDDH (RNAV)-STAR..	
KNOXVILLE(TYS)	(TURBOJETS)CLTCH (RNAV)-DP MAULS Q40 ALEAN VXV	1100-0300
LOUISVILLE(SDF)	REBLL (RNAV)-DP OTTTO Q68 YOCKY UNCKL MAUDD (RNAV)-STAR.....	
MANCHESTER(MHT)	SOOKI (RNAV)-DP SWANN BROSS Q419 RBV Q22 LLUND SMYTH ROZZE (RNAV)-STAR	
MEMPHIS(MEM)	(TURBOJETS)REBLL (RNAV)-DP OTTTO Q80 FAREV BWG BLUZZ (RNAV)-STAR	1100-0300
MILWAUKEE(MKE)	(TURBOJETS)HORTO (RNAV)-DP BUFFR Q178 DJB J34 CRL PEGEE GETCH LYSTR SUDDS.....	
MINNEAPOLIS(MSP)	(TURBOJETS)HORTO (RNAV)-DP BUFFR Q178 DJB J34 VIO KAMMA KKILR (RNAV)-STAR	
MONTREAL(CYUL)	SOOKI (RNAV)-DP SWANN BROSS Q419 RBV Q22 LLUND CAM JASDU PBERG CARTR (CANADIAN) (RNAV)-STAR.....	
MSY,NEW,NBG	(TURBOJETS)CLTCH (RNAV)-DP MAULS Q40 NIOLA MERN TRSSH (RNAV)-STAR	1100-0300
MYRTLE BEACH(MYR)	AMEEE (RNAV)-DP SCOOB PAACK WYLMs	
NANTUCKET(ACK)	SOOKI (RNAV)-DP SWANN BROSS Q419 RBV Q430 RIFLE DEEPO (RNAV)-STAR	
NASHVILLE(BNA)	(TURBOJETS)REBLL (RNAV)-DP OTTTO Q80 DEWAK GROAT PASLY (RNAV)-STAR.....	1100-0300
NEW YORK(ISP)	DOCTR (RNAV)-DP AGARD SIE BRIGS Q439 SARDI CCC	1100-0400
NEW YORK(JFK)	(TURBOJETS)DOCTR (RNAV)-DP AGARD DONIL T315 PANZE V44 CAMRN	1100-0300
NEW YORK(LGA)	(TURBOJETS)DOCTR (RNAV)-DP AGARD SPEAK PROUD (RNAV)-STAR.....	1100-0400
NEWARK(EWR)	(TURBOJETS)SOOKI (RNAV)-DP SWANN PHLBO (RNAV)-STAR.....	

PREFERRED IFR ROUTES

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Terminals	Route	Effective Times (UTC)
ORLANDO(MCO)	(TURBOJETS)(MCO LANDING SOUTH)AMEEE (RNAV)-DP SCOOB MOXXY Q85 LPERD GTOUT (RNAV)-STAR	
OTTAWA(CYOW)	HORTO (RNAV)-DP JERES J227 ULW SYR ART DEANS (CANADIAN) (RNAV)-STAR	
PITTSBURGH(PIT)	(TURBOJETS)HORTO (RNAV)-DP BUFFR Q178 LEJOY DEMME (RNAV)-STAR	
PORTLAND(PWM)	SOOKI (RNAV)-DP SWANN BROSS Q419 RBV Q22 LLUND BDR SCOGS (RNAV)-STAR	
PROVIDENCE(PVD)	SOOKI (RNAV)-DP SWANN BROSS Q419 RBV Q430 CREEL ORCHA JORDN JORDN (RNAV)-STAR	
RALEIGH/DURHAM(RDU)	(AOB FL220)AMEEE (RNAV)-DP COLIN TAPPA HOUKY TAQLE (RNAV)-STAR	
	or	
	(AOB FL260)JDUBB (RNAV)-DP MELTN ALDAN (RNAV)-STAR	
ROCHESTER(ROC).....	(TURBOJETS)HORTO (RNAV)-DP JERES J220 MICAH J227 ULW GIBBE	1100-0300
SARASOTA/BRADENTON(SRQ)	(JETS/TURBOPROPS ONLY)JDUBB (RNAV)-DP RRSIN GSO Q75 SLOJO Q103 PUPY KYUU LUBBR (RNAV)-STAR	
SAVANNAH(SAV).....	AMEEE (RNAV)-DP SCOOB GUILD Q409 SESUE SOOOP	
ST LOUIS(STL)	REBL (RNAV)-DP OTTTO Q176 BICKS PVX BOOSH (RNAV)-STAR	
SYRACUSE(SYR).....	(TURBOJETS)HORTO (RNAV)-DP JERES J227 STENT CFB V29 SYR	
TAMPA(TPA)	JDUBB (RNAV)-DP RRSIN GSO Q75 TEUFL BAAMF DADES (RNAV)-STAR	
TORONTO(CYYZ)	HORTO (RNAV)-DP JERES J220 SFK WOZEE LINNG (CANADIAN) (RNAV)-STAR	
VINEYARD HAVEN(MVY).....	SOOKI (RNAV)-DP SWANN BROSS Q419 RBV Q430 RIFLE LIBBE FLAPE	
WHITE PLAINS(HPN).....	(AT OR ABOVE FL180; TURBOJETS)SOOKI (RNAV)-DP SWANN BROSS Q419 NACYN CYN BOUNO-STAR	1100-0400
WINDSOR LOCKS(BDL).....	(GPS OR DME/DME/IRU EQUIPPED)SOOKI (RNAV)-DP SWANN BROSS Q419 DPK DEER PARK-STAR	
WASHINGTON(IAD)		
06FA,BCT,F45,PBI	(PART 121 ONLY, JETS ONLY)(WATER)JCOBY (RNAV)-DP SCOOB EARZZ Q131 WAALT Y289 DULEE CLMNT (RNAV)-STAR	
06FA,BCT,FXE,PBI,PMP	(PART 121 ONLY)JCOBY (RNAV)-DP SCOOB PAACK Q97 KENLL CPTAN (RNAV)-STAR	
07FA,FLL,HST,HWO,MIA,OPF,TMB,X51	(PART 121 ONLY)JCOBY (RNAV)-DP SCOOB PAACK Q97 KENLL TARP (RNAV)-STAR	
07FA,HST,MIA,TMB,X51	(PART 121 ONLY JETS ONLY EXC EA50 ESOP SF50 C510 C525)(WATER)JCOBY (RNAV)-DP SCOOB EARZZ SKARP Y313 HOAGG BNFH (RNAV)-STAR	
	or	
	(PART 121 ONLY)JCOBY (RNAV)-DP SCOOB PAACK Q97 DEBR CLSTAL (RNAV)-STAR	
47N,CDW,LDJ,MMU,SMQ,TEB	WOOLY (RNAV)-DP SWANN JAIKE (RNAV)-STAR ...	
AKRON(CAK)	JERES (RNAV)-DP JERES J211 JST SOORD ZZIPS (RNAV)-STAR	
ALBANY(ALB)	(TURBOJETS PART 121 AND 129 ONLY)JCOBY (RNAV)-DP SWANN BROSS Q419 RBV Q22 LLUND TRUDE V487 CANAN	1100-0400
ASHEVILLE(AVL)	(TURBOJETS)CLTCH (RNAV)-DP MAULS Q40 FEEDS SUG	1100-0400
ATLANTA(ATL)	(TURBOJETS)CLTCH (RNAV)-DP FLASK OZZZI (RNAV)-STAR	
AUSTIN(AUS).....	CLTCH (RNAV)-DP MAULS Q40 ALEAN VXV SGS SWB LUKN WLEEE (RNAV)-STAR	
BANGOR(BGR).....	(PART 121 AND 129 ONLY)JCOBY (RNAV)-DP SWANN BROSS Q419 RBV Q22 FOXWD BOS	
BEDFORD(BED)	WOOLY (RNAV)-DP SWANN BROSS Q419 DPK MAD HFD DREEM (RNAV)-STAR	
BIRMINGHAM(BHM)	(TURBOJETS)CLTCH (RNAV)-DP MAULS Q40 NIOLA DIODE	1100-0300
BOSTON(BOS).....	(TURBOJETS PART 121 AND 129 ONLY)JCOBY (RNAV)-DP SWANN BROSS Q419 JFK ROBU (RNAV)-STAR	1100-0400

Terminals	Route	Effective Times (UTC)
BUFFALO(BUF)	JERES (RNAV)-DP JERES J220 SFK	1100-0300
BURLINGTON(BTV)	JERES (RNAV)-DP JERES J220 BIGEO J49 ALB BTV	
CHARLOTTE(CLT)	(AOB FL320)SCRAM (RNAV)-DP GLANC LYH CHSLY (RNAV)-STAR	
CHATTANOOGA(CHA)	(TURBOJETS)CLTCH (RNAV)-DP MAULS Q40 ALEAN VXV	1100-0300
CHICAGO(MDW)	(TURBOJETS)BUNZZ (RNAV)-DP RAMAY Q72 HACKS J149 FWA PANGG (RNAV)-STAR	
CHICAGO(ORD)	(TURBOJETS)BUNZZ (RNAV)-DP RAMAY Q72 HACKS J149 ROD WATSN (RNAV)-STAR	
CHS,JZI	(PART 121 ONLY)JCOBY (RNAV)-DP SCOOB DFENC Q109 LAANA AMYLU AMYLU (RNAV)-STAR	
CLEVELAND(CLE)	(RNAV TURBOJET)JERES (RNAV)-DP JERES J211 JST UPPRR TRYBE (RNAV)-STAR	
COLUMBUS(CMH)	(TURBOJETS)BUNZZ (RNAV)-DP RAMEY Q72 HACKS SCRLT SCRLT (RNAV)-STAR	
COLUMBUS(LCK)	BUNZZ (RNAV)-DP RAMAY Q72 HACKS SCRLT SCRLT (RNAV)-STAR	
COLUMBUS(OSU)	BUNZZ (RNAV)-DP RAMAY Q72 HACKS SCRLT SCRLT (RNAV)-STAR	
COVINGTON(CVG)	(TURBOJETS)RNLDI (RNAV)-DP OTTTO COLNS GAVNN (RNAV)-STAR	
DALLAS(DAL)	RNLDI (RNAV)-DP OTTTO Q80 FAREV RAMRD Q68 LITTR DIRRK HIBIL (RNAV)-STAR	
DALLAS-FORT WORTH(DFW)	(DFW SOUTH FLOW)RNLDI (RNAV)-DP OTTTO Q80 FAREV RAMRD Q68 LITTR FEWWWW SEEVV (RNAV)-STAR	
	or	
	(DFW NORTH FLOW)RNLDI (RNAV)-DP OTTTO Q80 FAREV RAMRD Q68 LITTR FEWWWW BRDJE (RNAV)-STAR	
DAYTON(DAY)	BUNZZ (RNAV)-DP RAMAY Q72 HACKS APE DANEI-STAR	1100-0400
DENVER(DEN)	RNLDI (RNAV)-DP OTTTO Q176 STL J24 OATHE CLASH (RNAV)-STAR	
DETROIT SATS(DET,ARB,PTK,YIP,CYQG)	(TURBOJETS: DME/DME/IRU OR GPS REQUIRED)JERES (RNAV)-DP JERES J211 HAGUD WWSHR FOREY (RNAV)-STAR	
DETROIT(DTW)	(DTW SOUTH FLOW)MCRAY (RNAV)-DP MCRAY Q178 KOZAR BONZZ (RNAV)-STAR	
	or	
	(DTW NORTH FLOW)MCRAY (RNAV)-DP MCRAY Q178 KOZAR KLYNK (RNAV)-STAR	
FARMINGDALE(FRG)	(180-230)WOOLY (RNAV)-DP AGARD WNSTN Q439 SARDI CCC DPK	1000-0300
FLL,OPF	(PART 121 ONLY, JETS ONLY EXC EA50 E50P SF50 C510 C)JCOBY (RNAV)-DP SCOOB PAACK Q97 PRMUS CUUDA (RNAV)-STAR	
	or	
	(PRT121 ONLY JETS ONLY EXC EA50 ESOP SF50 C510 C525)(WATER)JCOBY (RNAV)-DP SCOOB EARZZ CHIEZ Y291 MAJIK CUUDA (RNAV)-STAR	
FORT MYERS(RSW)	JDUBB (RNAV)-DP RRSIN GSO Q75 SLOJO Q103 CYNTA SHFTY (RNAV)-STAR	
GREENSBORO(GSO)	SCRAM (RNAV)-DP GLANC LYH HENBY-STAR	
GREER(GSP)	SCRAM (RNAV)-DP GLANC FUBLJ JUNNR (RNAV)-STAR	1100-0300
HOUSTON(HOU)	(TURBOJETS)CLTCH (RNAV)-DP MAULS Q40 AEX WAPPL (RNAV)-STAR	1100-0300
HOUSTON(IAH)	(TURBOJETS)(IAH EAST FLOW)CLTCH (RNAV)-DP MAULS Q40 AEX SKNRD (RNAV)-STAR	1100-0300
	or	
	(TURBOJETS)(IAH WEST FLOW)CLTCH (RNAV)-DP MAULS Q40 AEX DOOBI (RNAV)-STAR	1100-0300
HUNTSVILLE(HSV)	CLTCH (RNAV)-DP MAULS Q40 ALEAN VXV RQZ	
INDIANAPOLIS(IND)	(TURBOJETS)BUNZZ (RNAV)-DP RAMAY Q72 HACKS PLASH SNKPT (RNAV)-STAR	
ISM,LEE,MCO,ORL,SFB	(PART 121 ONLY, JETS ONLY)(WATER)JCOBY (RNAV)-DP SCOOB EARZZ Q131 WAALT Y289 BAHAA HIBAC ALYNA (RNAV)-STAR	

PREFERRED IFR ROUTES

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Terminals	Route	Effective Times (UTC)
ISM,MCO	(PART 121 ONLY)(MCO LANDING NORTH)JCOBY (RNAV)-DP SCOOB MOXXY Q85 LPERD SNFLD (RNAV)-STAR	
JACKSONVILLE(JAX)	(PART 121 ONLY)JCOBY (RNAV)-DP SCOOB GUILD Q409 SESUE ESENT LUNNI (RNAV)-STAR	
KANSAS CITY(MCI)	(RNAV TURBOJET)(TURBOPROP)RNLDI (RNAV)-DP OTTTO Q176 STL EUING RUDDH (RNAV)-STAR ..	1100-0300
KNOXVILLE(TYS)	(TURBOJETS)CLTCH (RNAV)-DP MAULS Q40 ALEAN VXX	
LOUISVILLE(SDF)	RNLDI (RNAV)-DP OTTTO Q68 YOCKY UNCKL MAUDD (RNAV)-STAR	
MANCHESTER(MHT)	(PART 121 AND 129 ONLY)JCOBY (RNAV)-DP SWANN BROSS Q419 RBV Q22 LLUND SMYTH ROZZE (RNAV)-STAR	
MEMPHIS(MEM)	(RNAV ONLY)RNLDI (RNAV)-DP OTTTO Q80 FAREV BWG BLUZZ (RNAV)-STAR	
MILWAUKEE(MKE)	(TURBOJETS)MCRAY (RNAV)-DP MCRAY Q178 DJB J34 CRL PEGEE GETCH LYSTR SUDDS	
MINNEAPOLIS(MSP)	(TURBOJET)MCRAY (RNAV)-DP MCRAY Q178 DJB J34 VIO KAMMA KKILR (RNAV)-STAR	
MONTREAL(CYUL)	JERES (RNAV)-DP JERES J227 ULW SYR ART IMPAC (CANADIAN)-STAR	
	or	
	(PART 121 AND 129 ONLY)JCOBY (RNAV)-DP SWANN BROSS Q419 RBV Q22 LLUND CAM JASDU PBERG CARTR (CANADIAN) (RNAV)-STAR	
MSY,NEW,NBG	(TURBOJETS)CLTCH (RNAV)-DP MAULS Q40 NIOLA MERDN TRSSH (RNAV)-STAR	1100-0300
NANTUCKET(ACK)	WOOLY (RNAV)-DP SWANN BROSS Q419 RBV Q430 RIFLE DEEPO (RNAV)-STAR	
NASHVILLE(BNA)	(TURBOJETS)RNLDI (RNAV)-DP OTTTO Q80 DEWAK GROAT PASLY (RNAV)-STAR	1100-0300
NEW YORK(ISP)	(TURBOJETS)WOOLY (RNAV)-DP AGARD SIE BRIGS Q439 SARDI CCC	1000-0400
NEWARK(EWR)	(TURBOJETS, PART 121 AND 129 ONLY)JCOBY (RNAV)-DP SWANN PHLBO (RNAV)-STAR	
ORLANDO(MCO)	(PART 121 ONLY)(MCO LANDING SOUTH)JCOBY (RNAV)-DP SCOOB MOXXY Q85 LPERD GTOUT (RNAV)-STAR	
OTTAWA(CYOW)	JERES (RNAV)-DP JERES J227 ULW SYR ART DEANS (CANADIAN) (RNAV)-STAR	
PITTSBURGH(PIT)	(TURBOJETS)MCRAY (RNAV)-DP MCRAY Q178 LEJOY DEMME (RNAV)-STAR	
PLATTSBURGH(PBG)	WOOLY (RNAV)-DP SWANN BROSS Q419 RBV Q22 LLUND CAM JASDU	
PORTLAND(PWM)	(PART 121 AND 129 ONLY)JCOBY (RNAV)-DP SWANN BROSS Q419 RBV Q22 LLUND BDR SCOGS (RNAV)-STAR	
PORTSMOUTH(PSM)	WOOLY (RNAV)-DP SWANN BROSS Q419 RBV Q22 FOXWD KLANE TTERI REMDG	
PROVIDENCE(PVD)	JCOBY (RNAV)-DP SWANN BROSS Q419 RBV Q430 CREEL ORCHA JORDN JORDN (RNAV)-STAR	
RALEIGH/DURHAM(RDU)	(AOB FL220)JDUBB (RNAV)-DP MELTN ALDAN (RNAV)-STAR	
	or	
	(AOB FL220; PART 121 ONLY)JCOBY (RNAV)-DP COLIN TAPPA HOUKY TAQLE (RNAV)-STAR	
ROCHESTER(ROC)	(TURBOJETS)JERES (RNAV)-DP JERES J220 MICAH J227 ULW GIBBE	
SARASOTA/BRADENTON(SRQ)	(JETS/TURBOPROPS ONLY)JDUBB (RNAV)-DP RRSIN GSO Q75 SLOJO Q103 PUPYU KYUULUBBR (RNAV)-STAR	
SAVANNAH(SAV)	(PART 121 ONLY)JCOBY (RNAV)-DP SCOOB GUILD Q409 SESUE SOOOP	
ST LOUIS(STL)	RNLDI (RNAV)-DP OTTTO Q176 BICKS PVX BOOSH (RNAV)-STAR	
SYRACUSE(SYR)	(TURBOJETS)JERES (RNAV)-DP JERES J227 STENT CFB V29 SYR	
TAMPA(TPA)	JDUBB (RNAV)-DP RRSIN GSO Q75 TEUFL BAAMF DADES (RNAV)-STAR	

PREFERRED IFR ROUTES

Terminals	Route	Effective Times (UTC)
TORONTO(CYYZ).....	JERES (RNAV)-DP JERES J220 SFK WOZEE LINNG (CANADIAN) (RNAV)-STAR	
VINEYARD HAVEN(MVY)	WOOLY (RNAV)-DP SWANN BROSS Q419 RBV Q430 RIFLE LIBBE FLAPE.....	
WHITE PLAINS(HPN)	WOOLY (RNAV)-DP SWANN BROSS Q419 NACYN CYN BOUNO-STAR	
	or	
	(AT OR ABOVE FL180; PART 121 AND 129 ONLY)JCOBY (RNAV)-DP SWANN BROSS Q419 NACYN CYN BOUNO-STAR	1100-0400
WINDSOR LOCKS(BDL)	(TURBOJETS PART 121 AND 129 ONLY)JCOBY (RNAV)-DP SWANN BROSS Q419 DPK DEER PARK-STAR	1100-0400
WHITE PLAINS(HPN)		
06FA,BCT,F45,PBI.....	(JETS ONLY)(WATER)WHITE Q409 CRPLR EARZZ Q131 WAALT Y289 DULEE CLMNT (RNAV)-STAR	
06FA,BCT,FXE,PBI,PMP	WHITE Q409 CRPLR PAACK Q97 KENLL CPTAN (RNAV)-STAR.....	
	or	
	(WATER)WHITE Q409 CRPLR PAACK Q97 KENLL CPTAN (RNAV)-STAR.....	
07FA,FLL,HST,HWO,MIA,OPF,TMB,X51	(V/L)TURBPROP ONLY: INCL EA50,E50P,SF50,C510,C525)WHITE Q409 CRPLR PAACK Q97 KENLL TARPAN (RNAV)-STAR	
07FA,HST,MIA,TMB,X51	WHITE Q409 CRPLR PAACK Q97 DEBRL CSTAL (RNAV)-STAR.....	
	or	
	(JETS ONLY. EXCLUDES EA50. E50P. SF50. C510. C525)(WATER)WHITE Q409 CRPLR BGBRD Q101 SKARP Y313 HOAGB BNFSH (RNAV)-STAR	
7FL6,DAB,DED,EVB,LEE,OMN,ORL,SFB,X50.....	WHITE Q409 CRPLR Q85 LPERD TTHOR (RNAV)-STAR	
APF,FMY,MKY,RSW	(JETS ONLY)(WATER)WHITE Q409 CRPLR EARZZ Q131 WAALT Y289 BAHAA HIBAC SHFTY (RNAV)-STAR (RNAV ONLY)LANNA J48 MOL FLASK OZZZI (RNAV)-STAR.....	
ATLANTA(ATL).....		
AUBURN/LEWISTON(LEW)	(FL190 AND ABOVE)GREKI JUDDS CAM CON.....	1100-0300
AUGUSTA(AUG)	(FL190 AND ABOVE)GREKI JUDDS CAM	1100-0300
	or	
	(FL250 AND ABOVE)MERIT HFD PUT BOS	1100-0300
BALTIMORE(BWI)	BIGGY Q75 MXE V378 NUGGY TRISH (RNAV)-STAR (FL190 AND ABOVE)GREKI JUDDS CAM	1100-0300
BANGOR(BGR)		
	or	
	(FL250 AND ABOVE)MERIT HFD PUT BOS	1100-0300
BAR HARBOR(BHB)	(FL250 AND ABOVE)MERIT HFD PUT BOS	1100-0300
	or	
	(FL190 AND ABOVE)GREKI JUDDS CAM	1100-0300
BINGHAMTON(BGM).....	(JETS)NEION J223 CORDS CFB	
BOSTON(BOS)	(DME/DME/IRU OR GNSS REQUIRED)MERIT ROBUC (RNAV)-STAR.....	1100-0300
BRISTOL/JOHNSON/KINGSPORT(TRI)..	LANNA J48 CSN FANPO Q40 ALEAN	
BUFFALO(BUF)	(TURBOJETS)NEION J223 CORDS ULW BENE	
	or	
	(TURBOPROPS)GAYEL J95 CFB V270 ULW BENE. GREKI V419 JUDDS CAM	
BURLINGTON(BTV).....		
	or	
	(FL190 AND ABOVE; JETS ONLY)GREKI JUDDS CAM PARKE J6 HVQ	1100-0300
CHARLESTON(CRW)	BIGGY Q75 GVE LYH CHSLY (RNAV)-STAR.....	
CHARLOTTE(CLT)	NEWEL J60 ASHEN BAGEL PANGG (RNAV)-STAR ..	
CHICAGO(MDW)	(TURBOJETS - RNAV 1)COATE Q436 EMMMA WYNDE (RNAV)-STAR.....	
CHICAGO(ORD).....		
CHS,JZI.....	WHITE Q409 CRPLR DFENC Q109 LAANA AMYLU AMYLU (RNAV)-STAR.....	1100-0300
CLEVELAND(CLE).....	NEWEL J60 PSB UPPRR TRYBE (RNAV)-STAR	
COF,COI,ISM,MCO,MLB,TIX,TTS,XMR..	WHITE Q409 CRPLR Q85 LPERD OMN BITHO-STAR ZIMMZ Q42 MIKYG Q480 AIR CLPRR (RNAV)-STAR (FL190 AND ABOVE)GREKI JUDDS CAM	1100-0300
COLUMBUS(CMH)		
CONCORD(CON)		
COVINGTON(CVG).....	(RNAV ONLY)PARKE J6 COLNS GAVNN (RNAV)-STAR	

PREFERRED IFR ROUTES

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Terminals	Route	Effective Times (UTC)
DALLAS-FORT WORTH(DFW)	(DFW SOUTH FLOW)PARKE J6 HVQ Q68 LITTR FEWWW SEEVN (RNAV)-STAR	
	or	
	(DFW NORTH FLOW)PARKE J6 HVQ Q68 LITTR FEWWW BRDJE (RNAV)-STAR	
DAYTON(DAY)	(RNAV EQUIPPED ONLY)ZIMMZ Q42 MIKYG Q480 AIR APE DANEL-STAR	
DENVER(DEN)	NEWEL J60 IOW DSM OBH BRWRY LAWGR (RNAV)-STAR	
DETROIT SATS(DET,CYQG ONLY)	(DME/DME/IRU OR GNSS REQUIRED)GAYEL Q818 WOZEE COLTS GIGGY (RNAV)-STAR	
DETROIT SATS(YIP,PTK,ARB ONLY).....	(DME/DME/IRU OR GNSS REQUIRED)GAYEL Q818 WOZEE COLTS OKLND (RNAV)-STAR	
DETROIT(DTW)	(DME/DME/IRU OR GPS REQUIRED)(DTW NORTH FLOW)GAYEL J95 CFB TRAAD JACCI WNGNT (RNAV)-STAR	
	or	
	(DME/DME/IRU OR GPS REQUIRED)(DTW SOUTH FLOW)GAYEL J95 CFB TRAAD JACCI FERRL (RNAV)-STAR	
FLL,OPF	(JETS ONLY. EXCLUDES EA50. E50P. SF50. C510. C525)(WATER)WHITE Q409 CRPLR KOOKI Q133 CHIEZ Y291 MAJIK CUUDA (RNAV)-STAR	
	or	
	WHITE Q409 CRPLR PAACK Q97 PRMUS CUUDA (RNAV)-STAR	
FORT MYERS(FMY)	BIGGY Q75 SLOJO Q103 CYNTA SHFTY (RNAV)-STAR	
FORT MYERS(RSW)	BIGGY Q75 SLOJO Q103 CYNTA SHFTY (RNAV)-STAR	
FORT WAYNE(FWA)	NEWEL J60 DANNR RAV J64	
GREENSBORO(GSO)	BIGGY Q75 GVE LYH HENBY-STAR	
GREER(GSP)	BIGGY Q75 GVE FUBLL JUNNR (RNAV)-STAR	
HOT SPRINGS(HSP)	LANNA J48 EMI CSN V140 MOL	
HOUSTON(HOU)	(TURBOJETS)LANNA J48 CSN FANPO Q40 AEX WAPPL (RNAV)-STAR	
HOUSTON(IAH)	(TURBOJETS)(IAH EAST FLOW)LANNA J48 CSN FANPO Q40 AEX SKNRD (RNAV)-STAR	
	or	
	(TURBOJETS)(IAH WEST FLOW)LANNA J48 CSN FANPO Q40 AEX DOOBI (RNAV)-STAR	
INDIANAPOLIS(IND)	(AOA FL260; TURBOJETS)ZIMMZ Q42 HIDON RINTE SNKPT (RNAV)-STAR	
ISM,LEE,MCO,ORL,SFB	(JETS ONLY)(WATER)WHITE Q409 CRPLR EARZZ Q131 WAALT Y289 BAHAA HIBAC ALYNA (RNAV)-STAR	
ISM,MCO	(MCO LANDING NORTH)WHITE Q409 CRPLR Q85 LPERD SNFLD (RNAV)-STAR	
ITHACA(ITH)	(JETS)NEION J223 CORDS CFB.....	
JACKSONVILLE(JAX)	(TURBOJETS ONLY; DME/DME/IRU OR GPS REQUIRED)WHITE Q409 SESUE ESENT LUNNI (RNAV)-STAR	
KANSAS CITY(MCI)	ZIMMZ Q42 MIKYG Q480 AIR J80 SPI EUING RUDDH (RNAV)-STAR	
KEENE(EEN)	(FL190 AND ABOVE)GREKI JUDDS CAM.....	1100-0300
LACONIA(LCI)	(FL190 AND ABOVE)GREKI JUDDS CAM.....	1100-0300
LEBANON(LEB)	(FL190 AND ABOVE)GREKI JUDDS CAM.....	1100-0300
LEWISBURG(LWB)	LANNA J48 EMI CSN V140 MOL	
LEXINGTON(LEX)	PARKE J6 HVQ	
LOUISVILLE(SDF)	PARKE J6 HVQ Q68 YOCKY UNCKL MAUDD (RNAV)-STAR	
MANCHESTER(MHT)	(FL190 AND ABOVE; JETS ONLY)GREKI JUDDS MARTN QUINZ ROZZE (RNAV)-STAR	1100-0300
	or	
	(AT OR ABOVE FL190; DME/DME/IRU OR GNSS REQUIRED)GREKI JUDDS MARTN QUINZ ROZZE (RNAV)-STAR	1100-0300
MARCO ISLAND(MKY)	BIGGY Q75 SLOJO Q103 CYNTA SHFTY (RNAV)-STAR	
MEMPHIS(MEM)	PARKE J6 HVQ Q68 RYANS BWG BLUZZ (RNAV)-STAR	
MILWAUKEE(MKE)	NEWEL J60 DJB CRL PEGEE GETCH LYSTR SUDDS	
MINNEAPOLIS(MSP)	(TURBOJETS)GAYEL Q812 WOZEE NOSIK ZOHAN IDIOM MUSCL (RNAV)-STAR	1000-0300

PREFERRED IFR ROUTES

Terminals	Route	Effective Times (UTC)
MOBILE(MOB)	BIGGY Q75 GVE LYH COLZI Q52 CHOPZ MGM SJI ..	
MONTGOMERY(MGM)	BIGGY Q75 GVE LYH COLZI Q52 CHOPZ THRSR	
MONTREAL(CYUL)	(DME/DME/IRU OR GNSS REQUIRED)GREKI JUDDS CAM JASDU PBERG CARTR (CANADIAN) (RNAV)-STAR	
NANTUCKET(ACK)	(FL180-FL230; JETS ONLY)BAYYS SEALL V188 GON DEEPO (RNAV)-STAR	1100-0300
NAPLES(APF)	(WATER)BIGGY Q75 SLOJO Q103 CYNTA SHFTY (RNAV)-STAR.....	
NASHUA(ASH)	(FL190 AND ABOVE)GREKI JUDDS MARTN KEYNN	1100-0300
NASHVILLE(BNA)	PARKE J6 HVQ Q68 YOCKY GROAT PASLY (RNAV)-STAR	
NORFOLK(ORF)	WHITE Q409 TRPOD JAMIE CCV	
ORLANDO(MCO)	(MCO LANDING SOUTH)WHITE Q409 CRPLR Q85 LPERD GTOUT (RNAV)-STAR	
PHOENIX(PHX)	(RNAV EQUIPPED ONLY)ZIMMZ Q42 MIKYG Q480 AIR J110 STL BUM ICT LBL FTI BUKKO ZUN EAGUL (RNAV)-STAR.....	
PITTSBURGH(AGC)	(RNAV EQUIPPED ONLY)ZIMMZ Q42 MIKYG Q480 VINSE LEJOY NESTO	
PITTSBURGH(PIT).....	(RNAV EQUIPPED ONLY)ZIMMZ Q42 MIKYG Q480 VINSE DEMME (RNAV)-STAR	
PORTLAND(PWM).....	(FL180 AND ABOVE)GREKI JUDDS CAM CDOGG (RNAV)-STAR.....	1100-0300
PORTSMOUTH(PSM).....	(170 AND ABOVE)MERIT HFD FOXWD KLANE TTERI REMDG	
RICHMOND(RIC).....	WHITE Q409 TRPOD JAMIE	
ROCHESTER(ROC)	NEION J223 CORDS ULW GIBBE	
ROCKLAND(RKD).....	(FL250 AND ABOVE)MERIT HFD PUT BOS	1100-0300
	or	
RUTLAND(RUT).....	(FL190 AND ABOVE)GREKI JUDDS CAM CON.....	1100-0300
SALT LAKE CITY(SLC).....	(FL190 AND ABOVE)GREKI JUDDS CAM	1100-0300
	GAYEL Q818 WOZEE Q935 HOCKE BAE DBQ FOD ONL J94 OCS NORDK (RNAV)-STAR.....	
SARANAC LAKE(SLK)	(FL190 AND ABOVE)GREKI JUDDS CAM	1100-0300
SAVANNAH(SAV)	(TURBOJETS)WHITE Q409 SESUE SOOOP.....	
ST LOUIS(STL).....	(RNAV EQUIPPED ONLY)ZIMMZ Q42 MIKYG Q480 AIR J80 VHP AARCH (RNAV)-STAR.....	
ST PETERSBURG-CLEARWATER(PIE)..	BIGGY Q75 TEUFL BAAMF DADES (RNAV)-STAR....	
SYRACUSE(SYR)	(JETS)NEION J223 CORDS CFB V29	
TAMPA(TPA).....	BIGGY Q75 TEUFL BAAMF DADES (RNAV)-STAR....	
TOLEDO(TOL).....	NEWEL J60 DJB	
TORONTO(CYYZ).....	GAYEL Q818 WOZEE LINNG (CANADIAN) (RNAV)-STAR	
WASHINGTON(DCA).....	BIGGY Q75 MXE V378 BAL	
	or	
WASHINGTON(IAD).....	BIGGY Q75 MXE CLIPR (RNAV)-STAR	
WATERVILLE(WVL).....	(RNAV EQUIPPED ONLY)PARKE HYPEN (RNAV)-STAR (FL250 AND ABOVE)MERIT HFD PUT BOS	1100-0300
	or	
WINSTON SALEM(INT)	(FL190 AND ABOVE)GREKI JUDDS CAM	1100-0300
	BIGGY Q75 GVE LYH HENBY-STAR	
WINDSOR LOCKS(BDL)		
ATLANTA(ATL).....	(RNAV ONLY)VEERS PWL BASYE Q448 PTW J48 MOL FLASK OZZZI (RNAV)-STAR.....	
CHARLOTTE(CLT)	VEERS PWL BIZEX Q75 GVE LYH CHSLY (RNAV)-STAR	1100-0300
CHICAGO(MDW)	(DME/DME/IRU OR GNSS REQUIRED)CTR CAM Q822 GONZZ Q29 JHW DJB J60 ASHEN BAGEL PANGG (RNAV)-STAR.....	1100-0300
CHICAGO(ORD).....	(DME/DME/IRU OR GNSS REQUIRED)CTR CAM Q822 FNT WYNDE (RNAV)-STAR	1100-0300
CLEVELAND(CLE).....	CTR CAM Q822 GONZZ HANKK THOME TRYBE (RNAV)-STAR.....	1100-0400
COVINGTON(CVG).....	CTR HNK J49 PSB MAULL KODIE CTW TIGRR (RNAV)-STAR.....	
DALLAS-FORT WORTH(DFW)	(DFW SOUTH FLOW)VEERS PWL BASYE DBABE BWZ J6 HVQ Q68 LITTR FEWWWW SEEVR (RNAV)-STAR... or	
	(DFW NORTH FLOW)VEERS PWL BASYE DBABE BWZ J6 HVQ Q68 LITTR FEWWWW BRDJE (RNAV)-STAR... or	
DENVER(DEN)	CTR CAM ARNII Q816 HOCKE Q935 MONEE IANNA ONL PORDR AALLE (RNAV)-STAR	

NE, 25 JAN 2024 to 21 MAR 2024

PREFERRED IFR ROUTES

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Terminals	Route	Effective Times (UTC)
DETROIT SATS(DET,CYQG ONLY)	(DME/DME/IRU OR GNSS REQUIRED)CTR CAM Q822 GONZZ COLTS GIGGY (RNAV)-STAR.....	1100-0300
DETROIT SATS(YIP,PTK,ARB ONLY).....	(DME/DME/IRU OR GNSS REQUIRED)CTR CAM Q822 GONZZ COLTS OKLND (RNAV)-STAR.....	1100-0300
DETROIT(DTW)	(DME/DME/IRU OR GNSS REQUIRED)(DTW SOUTH FLOW)CTR CAM Q822 GONZZ DONEO TPGUN (RNAV)-STAR	1100-0300
	or	
	(DME/DME/IRU OR GPS REQUIRED)(DTW NORTH FLOW)CTR CAM Q822 GONZZ DONEO CUUGR (RNAV)-STAR	1100-0300
FORT MYERS(RSW)	VEERS PWL BIZEX Q75 SLOJO Q103 CYNTA SHFTY (RNAV)-STAR	1100-0300
HOUSTON(IAH)	(IAH EAST FLOW)VEERS PWL BASYE Q448 PTW J48 CSN FANPO Q40 AEX SKNRD (RNAV)-STAR.....	1100-0400
	or	
	(IAH WEST FLOW)VEERS PWL BASYE Q448 PTW J48 CSN FANPO Q40 AEX DOOBI (RNAV)-STAR.....	1100-0400
MEMPHIS(MEM)	VEERS PWL BASYE Q406 BWZ J6 HVQ Q68 RYANS BWG BLUZZ (RNAV)-STAR.....	1100-0400
MINNEAPOLIS(MSP).....	(TURBOJETS)CTR CAM ARNII Q816 KELTI Q812 ZOHAN IDIOM MUSCL (RNAV)-STAR	1000-0300
MYRTLE BEACH(MYR)	VEERS PWL BIZEX Q75 GVE SBV RDU	1100-0300
PHILADELPHIA(PHL)	COASTAL-DP CCC MANTA Q439 BRIGS JIMS (RNAV)-STAR	1100-0300
PITTSBURGH(PIT)	CTR HNK KONJE SLT HAYNZ (RNAV)-STAR.....	1100-0300
RALEIGH/DURHAM(RDU)	VEERS PWL BIZEX Q75 GVE MELTN ALDAN (RNAV)-STAR	1100-0300
ST LOUIS(STL)	(RNAV ONLY)VEERS PWL IGN Q480 AIR J80 VHP AARCH (RNAV)-STAR	1100-0300
TAMPA(TPA)	VEERS PWL BIZEX Q75 TEUFL BAAMF DADES (RNAV)-STAR	1100-0300
WASHINGTON(DCA).....	VEERS PWL BIZEX Q75 MXE CLIPR (RNAV)-STAR...	1100-0300
WASHINGTON(IAD)	VEERS PWL GANDE HYPER (RNAV)-STAR.....	1100-0300
	or	
	(AOB 220; TURBOPROPS ONLY)MOBBS SAGES LAAYK MIP SEG LEGGO (RNAV)-STAR	1100-0300
WORCESTER(ORH)		
07FA,FLL,HST,HWO,MIA,OPF,TMB,X51 FLL,OPF	ORW CCC Q97 KENLL TARPEN (RNAV)-STAR (JETS ONLY, EXCLUDES EA50, E50P, SF50, C510, C525)(WATER)ORW CCC Q97 KALDA Q133 CHIEZ Y291 MAJIK CUUDA (RNAV)-STAR.....	
	or	
ISM,LEE,MCO,ORL,SFB.....	ORW CCC Q97 PRMUS CUUDA (RNAV)-STAR (JETS ONLY)(WATER)ORW CCC Q97 KALDA Q131 WAALT Y289 BAHAA HIBAC ALYNA (RNAV)-STAR (MCO LANDING NORTH)ORW CCC Q97 SAWED MOXXY Q85 LPERD SNFLD (RNAV)-STAR.....	
ISM,MCO	(MCO LANDING SOUTH)ORW CCC Q97 SAWED MOXXY Q85 LPERD GTOUT (RNAV)-STAR	
ORLANDO(MCO)		

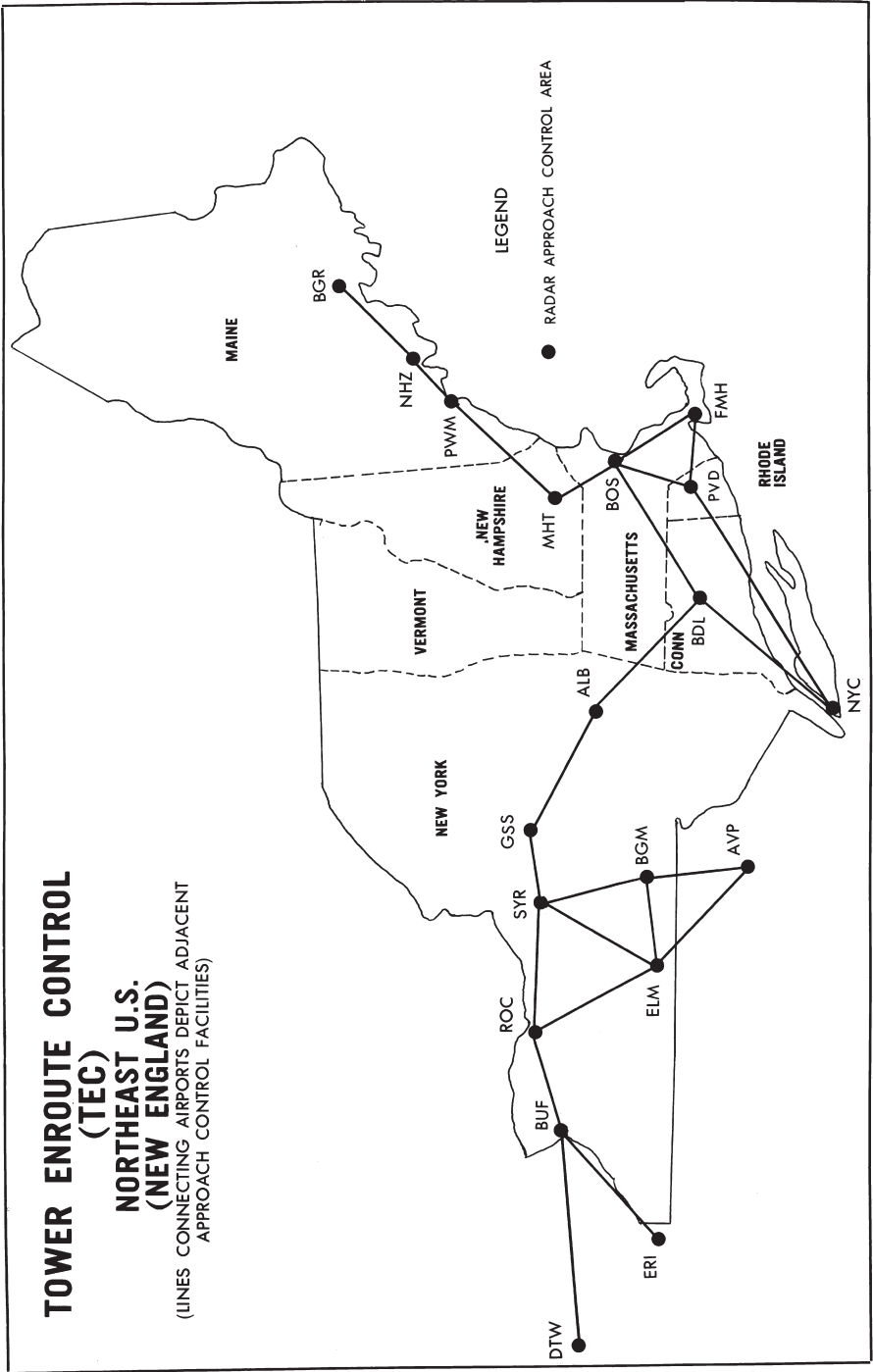
PREFERRED IFR ROUTES

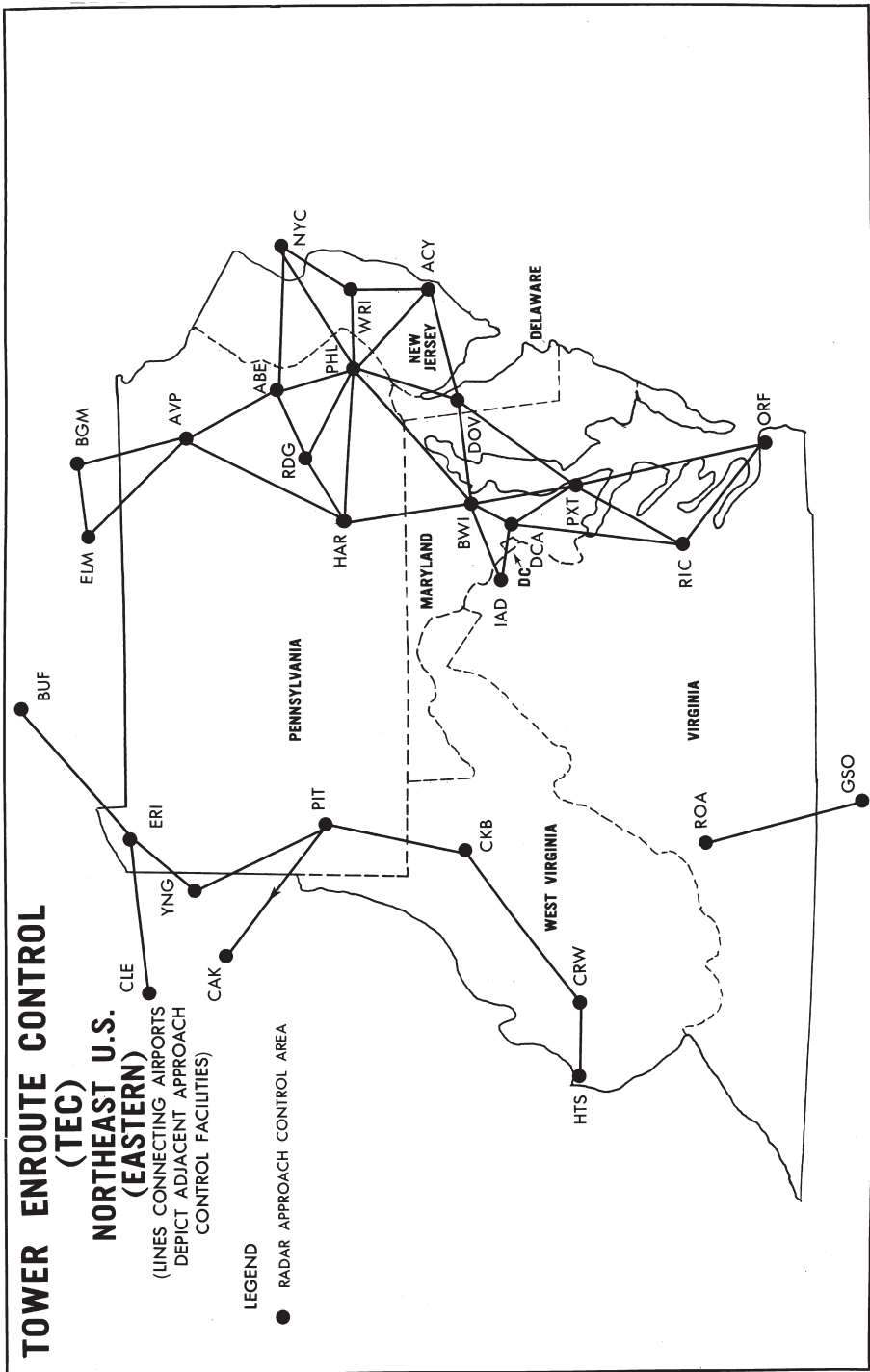
SPECIAL HIGH ALTITUDE PREFERRED DIRECTION ROUTES

Terminals	Route	Effective Times (UTC)
TRAFFIC OVERFLYING ELLWOOD CITY, PA TO ROCHESTER (ROC)		
NORTHBOUND	EWC EWC050130 GEE	
TRAFFIC OVERFLYING ELLWOOD CITY, PA TO SYRACUSE (SYR)		
NORTHEAST BOUND	EWC EWC050130	

HIGH ALTITUDE—PREFERRED DIRECTION ROUTES

Airway	Segment Fixes	Direction Effective	Effective Times (UTC)
J6	ALBANY, NY to PERKS, WV	SW BND	
J48	POTTSTOWN, PA to MONTEBELLO, VA	SW BND	1100-0300
Q22	OMENS, VA to FOXWD, CT	NE BND	
Q75	COPLY, MA to BROSK, NC	SW BND	
Q103	RICCS, WV to CYNTA, GA	S BND	
Q140	EXTOL, NY to YODAA, NY	SE BND	
Q167	SSOXS, MA to RIFLE, NY	SW BND	
Q220	LARIE, MA to RIFLE, NY	SW BND	
Q406	WESTFIELD/SPRINGFIELD, MA to SCHOOLEY'S MOUNTAIN, NJ	SW BND	
Q439	BLENO, NH to DUNEE, NY	SW BND	
Q448	WESTFIELD/SPRINGFIELD, MA to POTTSTOWN, PA	SW BND	
Q480	KENNEBUNK, ME to BEETS, PA	SW BND	
Q816	HANAA, NY to GOATR, NY	W BND	
Q822	CAMBRIDGE, NY to GONZZ, NY	W BND	





(TEC)

Within the national airspace system it is possible for a pilot to fly IFR from one point to another without leaving approach control airspace. This is referred to as "tower enroute" which allows flight beneath the enroute structure. The tower enroute concept has been expanded (where practical) by reallocating airspace vertically/geographically to allow flight planning between city pairs while remaining within approach control airspace. Pilots are encouraged to solicit tower enroute information from FSS's and to use the route descriptions provided in this directory when filing flight plans. Other airways which appear to be more direct between two points may take the aircraft out of approach control airspace thereby resulting in additional delays or other complications. All published TEC routes are designed to avoid enroute airspace and the majority are within radar coverage. Additional routes and other changes will appear in forthcoming editions as necessary. The acronym "TEC" should be included in the remarks section of the flight plan. This will advise ATC that the pilot intends to remain within approach control airspace for the entire flight. The following items should be noted before using the graphics and route descriptions:

1. The graphic is not to be used for navigation nor detailed flight planning. Not all city pairs are depicted. It is intended to show general geographic areas connected by tower enroute control. Pilots should refer to route descriptions for specific flight planning.
2. The route description contains four columns of information: i.e., the approach control area (listed alphabetically) within which the departure airport is located (check appropriate flight information publications), the specific route (airway, radial, etc.), the highest altitude allowed for the route, and the destination airport (listed alphabetically). Be advised, many destination airports are associated with a larger primary airport. Check the legend preceding this listing for this association.
3. The word "DIRECT" will appear as the route when radar vectors will be used or no airway exists. Also, this indicates that a Standard Instrument Departure (SID) or Standard Terminal Arrival Route (STAR) may be applied by ATC.
4. When a NAVAIID or intersection identifier appears with no airway immediately preceding or following the identifier, the routing is understood to be DIRECT to or from that point unless otherwise cleared by ATC.
5. Routes beginning or ending with an airway indicate that the airway essentially overflies the airport or radar vectors will be applied.
6. Where more than one route is listed to the same destination, the pilot may select which route is desired. Unless otherwise stated, all routes may be flown in either direction.
7. Routes are effective only during each respective terminal facility's normal operating hours. Pilots are cautioned to check NOTAMS to ensure appropriate terminal facilities will be operating for the planned flight time.
8. All identifiers used for NAVAIIDS, airports, and intersections are official identifiers.
9. Altitudes are listed in thousands of feet. ATC may require altitude changes to maintain flight within approach control airspace. ATC will provide radar monitoring and, if necessary, course guidance if the highest altitude assigned by ATC is below the Minimum Enroute Altitude (MEA).
10. Although all airports are not listed under the destination column, IFR flight may be planned to satellite airports in proximity to major airports via the same routing.
11. Flight plans should be filed with a Flight Service Station (FSS).

TOWER ENROUTE CONTROL CITY PAIRS

- (1) Single Engine only.
 - (2) Props less than 210 KT IAS.
 - (3) Props less than 250 KT IAS.
 - (4) Jets and Props greater than 210 KT IAS.
 - (5) Jets and Props greater than 250 KTS IAS.
- Boston—NO SATS = BED/LWM/BVY/FT/6B6/2B2
SO SATS = BOS/OWD/1B9/3B2
- Bradley = BDL/BAF/CEF/7B2
Bradley/Hartford = HFD/MMK/IJD/4B8
Bradley/Worcester = ORH/3BO/1B6
Manchester = MHT/ASH/CON/LCI
Manchester/Pease = PSM/DAW/3B4
New York/Bridgeport = BDR/HVN/OXC/3B9
Philadelphia = NO SATS = OQN/MQS/LOM/DYL/PNE/CKZ/PTW/UKT/TTN
SO SATS = ILG/EVY
- Portland = PWM/WI/NHZ/RKD
Portland/Augusta = AUG/LEW/WVL/IZG/81B
Providence = PVD/EWB/TAN/SFZ/UUU/LZD
Providence/Groton = GON/WST/BID/0B8

Approach Control Area (Including Satellites)	Route	Highest Altitude	Destination	
ALBANY(ALB)	ALB GDM V431 LOBBY	10000	BEDFORD(BED)	
	ALB GDM V431 REVER	10000	BOSTON(BOS)	
	ALB V44 DENNA	10000	BRIDGEPORT(BDR)	
	ALB T608 WOZEE	10000	BUFFALO(BUF)	
	(3)ALB V123 HAARP	10000	DANBURY(DXR)	
	(4)ALB V157 HAARP	10000	DANBURY(DXR)	
	ALB T300 STELA	10000	GROTON (NEW LONDON)(GON)	
	DIRECT	10000	HARTFORD(HFD)	
	CTR PVD T393 GAILS	10000	HYANNIS(HYA)	
	KEYNN MANCH	10000	MANCHESTER(MHT)	
	ALB CTR PVD PVD167 NEWBE DEEPO	10000	NANTUCKET(ACK)	
	ALB V123 TRESA	10000	NEW YORK(SWF)	
	ALB GDM V431 LOBBY	10000	NORWOOD(OWD)	
	ALB CAM CON	10000	PORTLAND(PWM)	
	ALB CON	10000	PORTSMOUTH(PSM)	
	ALB CTR PVD	10000	PROVIDENCE(PVD)	
	CTR PVD T393 GAILS	10000	PROVINCETOWN(PVC)	
	ALB T608 ROC	10000	ROCHESTER(ROC)	
	ALB T608 LAMMS	10000	ROME(RME)	
	ALB V146 MZY	10000	VINEYARD HAVEN(MZY)	
	ALB T300 STELA	10000	WINDSOR LOCKS(BDL)	
	DIRECT	10000	WINDSOR LOCKS(BDL)	
	ALB T300 STELA	10000	WORCESTER(ORH)	
	ALLENTOWN(ABE)	FJC LAAYK	7000	ALBANY(ALB)
		FJC ARD CYN	5000	ATLANTIC CITY(ACY)
		ETX V39 LRP T449 KITHE	8000	BALTIMORE(BWI)
		(2)ETX T430 SBJ	5000	FARMINGDALE(FRG)
		ETX T299 HAR	8000	HARRISBURG(MDT)
		FJC T299 HUO IGN PWL BRISS	5000	HARTFORD(HFD)
		ETX V39 LRP	4000	LANCASTER(LNS)
		FJC BWZ	6000	NEWARK(EWR)
		BUSKY PTW(RNAV EQUIPPED TURBOJETS ONLY)	7000	PHILADELPHIA(PHL)
		BUSKY PTW(RNAV EQUIPPED TURBOPROPS ONLY)	5000	PHILADELPHIA(PHL)
		ETX V29 PTW(PISTON ONLY)	4000	PHILADELPHIA(PHL)
		FJC ARD	5000	PHILADELPHIA(PNE)
		FJC V6 SEG	8000	PITTSBURGH(PIT)
		ETX	4000	READING(RDG)
		FJC STW	5000	TETERBORO(TEB)
		ETX V39 LRP T449 KITHE BAL	8000	WASHINGTON(DCA)
		ETX LRP V143 MULRR AML	8000	WASHINGTON(IAD)
(2)FJC T299 HUO IGN V157 HAARP		5000	WHITE PLAINS(HPN)	
(4)STW SAX V39 BREZY		5000	WHITE PLAINS(HPN)	
FJC LVZ		7000	WILKES-BARRE/SCRA NTON(AVP)	
ETX V29 PTW	4000	WILMINGTON(ILG)		
FJC T299 HUO IGN PWL BRISS	5000	WINDSOR LOCKS(BDL)		
ATLANTIC CITY(ACY)	ACY T315 DIXIE T438 ARD	5000	ALLENTOWN(ABE)	
	CRESI V1 DIXIE T438 ARD	5000	ALLENTOWN(ABE)	
	LEEAH T358 SWANN	040 OR 060	BALTIMORE(BWI)	
	CRESI V1 JFK T315 HFD CLOWW(SINGLE ENGINE AND /E. /F. /G ONLY)	5000	BANGOR(BGR)	
	CRESI V1 JFK T315 HFD CLOWW(SINGLE ENGINE AND /E. /F. /G ONLY)	5000	BAR HARBOR(BHB)	
	(1)CRESI V1 JFK T315 HFD V3 WOONS	5000	BOSTON(BOS)	
	CRESI V1 JFK T315 HFD FOSTY WOONS(SINGLE ENGINE AND /E. /F. /G ONLY)	5000	BOSTON(BOS)	
	(1)CRESI V1 JFK T315 HFD DREEM	5000	BOSTON(NORTH)	
	(1)HOWIE V1 JFK T315 EEGOR	5000	BRIDGEPORT(BDR)	
	ACY V184 ZIGGI JFK T315 EEGOR(TWINS ONLY; N/A 1400-2100)	5000	BRIDGEPORT(BDR)	

TOWER ENROUTE CONTROL

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Approach Control Area
(Including Satellites)

Route	Highest Altitude	Destination
..... LEEAH T315 CHOPS T320 VAALI CAPKO	040 OR 060	CAMP SPRINGS(ADW)
..... LEEAH T358 ENO V29 WHITT WLKES T440 ULW	4000	ELMIRA/CORNING(EL M)
..... (1)CRESI V1 JFK BDR MAD MONDI	5000	GROTON (NEW LONDON)(GON)
..... V184 OOD DQO V469 HAR	4000	HARRISBURG(CXY)
..... V184 OOD DQO V469	4000	HARRISBURG(MDT)
..... (1)CRESI V1 JFK T315 HFD	5000	HARTFORD(HFD)
..... (1)CRESI V1 JFK T315 HFD V167 PVD T393 GAILS	5000	HYANNIS(HYA)
..... ACY V184 OOD DQO PADRE LRP	4000	LANCASTER(LNS)
..... CRESI V1 JFK T315 HFD CLOWW(SINGLE ENGINE AND /E. /F. /G ONLY)	5000	MANCHESTER(MHT)
..... (1)CRESI V1 JFK T315 EEGOR MAD	5000	MERIDEN(MMK)
..... (1)CRESI V1 JFK T315 EEGOR MAD CARLD V188 GON T216 NEWBE T300 DEEPO	5000	NANTUCKET(ACK)
..... (1)CRESI V1 JFK T315 EEGOR MAD CARLD V188 GON V374 MINNK	5000	NEW BEDFORD(EWB)
..... (1)CRESI V1 JFK CCC	5000	NEW YORK(ISP)
..... V184 ZIGGI JFK210 JFK CCC(NO SINGLE ENGINE; N/A BTN 1400-2100 LCL)	5000	NEW YORK(ISP)
..... (1)CRESI V1 JFK	5000	NEW YORK(JFK)
..... V184 ZIGGI JFK210 JFK(JETS AND MULTIENGINE PROPS ONLY; NO OTFC)	5000	NEW YORK(JFK)
..... ACY T315 DIXIE T438 RBV V123 PROUD(JETS ONLY)	7000	NEW YORK(LGA)
..... ACY T315 DIXIE T438 RBV V123 PROUD(NO SINGLE ENGINE)	5000	NEW YORK(LGA)
..... CRESI V1 DIXIE T438 RBV V123 PROUD	5000	NEW YORK(LGA)
..... ACY T315 DIXIE T438 RBV V249 METRO	5000	NEWARK(EWR)
..... (1)CRESI V1 JFK T315 EEGOR MAD CARLD V188 GON	5000	NORTH KINGSTOWN(OQU)
..... ACY V184 OOD	4000	PHILADELPHIA(PHL)
..... ACY T315 DIXIE T438 ARD	5000	PHILADELPHIA(PNE)
..... CRESI V1 JFK T315 HFD CLOWW(SINGLE ENGINE AND /E. /F. /G ONLY)	5000	PORTLAND(PWM)
..... (1)CRESI V1 JFK T315 EEGOR MAD CARLD V188 GON	5000	PROVIDENCE(PVD)
..... (1)CRESI V1 JFK T315 HFD V167 PVD T393 GAILS	5000	PROVINCETOWN(PVC)
..... V184 OOD DQO MXE MXE334 HUMEL	4000	READING(RDG)
..... LEEAH V1 SBY	6000	SALISBURY(SBY)
..... (1)CRESI V1 JFK T315 EEGOR MAD CARLD V188 GON V374 MINNK	5000	TAUNTON(TAN)
..... ACY T315 PANZE V184 ZIGGI T438 RBV V249 METRO(TURBOJETS ONLY)	5000	TETERBORO(TEB)
..... (1)CRESI V1 JFK T315 EEGOR MAD CARLD V188 GON V374 MZY	5000	VINEYARD HAVEN(MZY)
..... LEEAH T315 CHOPS T320 VAALI CAPKO(PROPS ONLY)	040 OR 060	WASHINGTON(DCA)
..... LEEAH T315 TAPPA V286 CSN(JETS ONLY)	4000	WASHINGTON(IAD)
..... LEEAH T358 OBWON T356 DROSA WOOLY MRB(NON-JETS ONLY)	4000	WASHINGTON(IAD)
..... ACY T315 DIXIE T438 RBV V249 SAX V39 BREZY(MULTIENGINE PROPS ONLY)	5000	WHITE PLAINS(HPN)
..... CRESI V1 DIXIE T438 RBV V249 SAX V39 BREZY(MULTIENGINE PROPS ONLY)	5000	WHITE PLAINS(HPN)
..... (1)CRESI V1 JFK T315 EEGOR	5000	WINDSOR LOCKS(BDL)
..... (1)CRESI V1 JFK T315 HFD V1 GRAYM	5000	WORCESTER(ORH)
..... ACY T315 PANZE(HELICOPTERS ONLY)	3000	WRIGHTSTOWN(WRI)
..... HOWIE V1 CYN	5000	WRIGHTSTOWN(WRI)
..... SIE V44 PANZE	5000	WRIGHTSTOWN(WRI)
..... WNSTN T320 HARBO	5000	WRIGHTSTOWN(WRI)
..... CON CAM	10000	ALBANY(ALB)
..... DIRECT	10000	BANGOR(BGR)
..... DIRECT	10000	BAR HARBOR(BHB)
..... ENE LWRNC	10000	BEDFORD & NORTH SATS
..... (3)ENE PEASE STEVO LWRNC	10000	BOSTON(BOS)

AUGUSTA(AUG)

TOWER ENROUTE CONTROL

Approach Control Area (Including Satellites)	Route	Highest Altitude	Destination
	(5)ENE V167 SCUPP	10000	BOSTON(BOS)
	CLOWW WITNY HFD(RNAV ONLY)	10000	BRIDGEPORT(BDR)
	ENE T295 CON	10000	CONCORD(CON)
	CLOWW WITNY HFD V1 MAD BDR ALIXX RYMES(RNAV ONLY)	10000	DANBURY(DXR)
	CLOWW WITNY HFD V1 DPK	10000	FARMINGDALE(FRG)
	ENE T314 GDM T320 YANTC	10000	GROTON (NEW LONDON)(GON)
	CLOWW WITNY HFD(RNAV ONLY)	10000	HARTFORD(HFD)
	ENE V139 TONNI	10000	HYANNIS(HYA)
	ENE MANCH	10000	MANCHESTER(MHT)
	ENE V139 TONNI	10000	NANTUCKET(ACK)
	CLOWW WITNY HFD(RNAV ONLY)	10000	NEW HAVEN(HVN)
	CLOWW WITNY HFD V1 BELTT	10000	NEW YORK(IISP)
	CLOWW WITNY HFD V1 DPK	10000	NEW YORK(JFK)
	ENE T314 BAF VEERS T212 TRESA(GNSS EQUIPPED ONLY)	10000	NEW YORK(SWF)
	CLOWW WITNY HFD T315 SEALL V188 CMK V623 SAX(RNAV ONLY)	10000	NEWARK & SATS
	CLOWW WITNY HFD V3 CMK V623 SAX(RNAV ONLY)	10000	NEWARK & SATS
	ENE LWRNC	10000	NORWOOD(OWD)
	CLOWW WITNY HFD(RNAV ONLY)	10000	OXFORD(OXC)
	(1)CLOWW WITNY HFD MAD JAFFY VCN OOD	10000	PHILADELPHIA(PHL)
	CLOWW WITNY HFD MAD BEADS T320 BRIGS ACY V184 OOD	10000	PHILADELPHIA(PHL)
	(1)ENE T314 GDM T320 YANTC T224 DIXIE T438 ARD	10000	PHILADELPHIA(PNE)
	CLOWW WITNY HFD MAD BEADS T320 MANTA T438 ARD	10000	PHILADELPHIA(PNE)
	ENE	10000	PORTSMOUTH(PSM)
	ENE V139 BURDY	10000	PROVIDENCE(PVD)
	ENE V139 TONNI	10000	PROVINCETOWN(PVC)
	ENE V139 TONNI	10000	VINEYARD HAVEN(MVY)
	CLOWW WITNY HFD V1 MAD BDR ALIXX RYMES(PROPS LESS THAN 250 KTS IAS AND /E, /F, /G ONLY)	10000	WHITE PLAINS(HPN)
	CLOWW WITNY(RNAV ONLY)	10000	WINDSOR LOCKS(BDL)
BALTIMORE(BWI)	CLOWW SPENO	10000	WORCESTER(ORH)
	VINNY V93 LRP V39 ETX	7000	ALLENTOWN(ABE)
	SWANN T358 LEEAH T315 ACY	7000	ATLANTIC CITY(ACY)
	SWANN T358 AVALO T320 GDM CLOWW(TWIN ENGINE)	7000	BANGOR(BGR)
	SWANN T358 ENO T224 JFK T315 HFD CLOWW(SINGLE ENGINE AND /E, /F, /G ONLY)	5000	BANGOR(BGR)
	SWANN T358 LEEAH V1 JFK T315 HFD CLOWW(SINGLE ENGINE AND /E, /F, /G ONLY)	7000	BANGOR(BGR)
	SWANN T358 AVALO T320 GDM CLOWW(TWIN ENGINE)	7000	BAR HARBOR(BHB)
	SWANN T358 ENO T224 JFK T315 HFD CLOWW(SINGLE ENGINE AND /E, /F, /G ONLY)	5000	BAR HARBOR(BHB)
	SWANN T358 LEEAH V1 JFK T315 HFD CLOWW(SINGLE ENGINE AND /E, /F, /G ONLY)	7000	BAR HARBOR(BHB)
	VINNY V93 LRP T449 CFB	7000	BINGHAMTON(BGM)
	(1)SWANN T358 ENO T224 JFK T315 HFD V3 WOONS	5000	BOSTON(BOS)
	(1)SWANN T358 LEEAH V1 JFK T315 HFD V3 WOONS	7000	BOSTON(BOS)
	SWANN T358 AVALO T320 YANTC T224 FOSTY WOONS(TWIN ENGINE)	7000	BOSTON(BOS)
	SWANN T358 AVALO T320 YANTC T224 WOONS(TWIN ENGINE)	7000	BOSTON(BOS)
	SWANN T358 ENO T224 JFK T315 HFD FOSTY WOONS(SINGLE ENGINE AND /E, /F, /G ONLY)	5000	BOSTON(BOS)
	SWANN T358 LEEAH V1 JFK T315 HFD FOSTY WOONS(SINGLE ENGINE AND /E, /F, /G ONLY)	7000	BOSTON(BOS)
	(1)SWANN T358 ENO T224 JFK T315 HFD DREEM	5000	BOSTON(NO SATS)

TOWER ENROUTE CONTROL

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Approach Control Area (Including Satellites)	Route	Highest Altitude	Destination
.....	(1)SWANN T358 LEEAH V1 JFK T315 HFD DREEM	7000	BOSTON(NO SATS)
.....	SWANN T358 AVALO T320 YANTC T224 WOONS(TWIN ENGINE)	7000	BOSTON(NO SATS)
.....	(1)SWANN T358 ENO T224 JFK T315 EEGOR	5000	BRIDGEPORT(BDR)
.....	(1)SWANN T358 LEEAH V1 JFK T315 EEGOR	7000	BRIDGEPORT(BDR)
.....	SWANN T358 AVALO T320 RICED KEYED(TWIN ENGINE)	7000	BRIDGEPORT(BDR)
.....	(1)SWANN T358 ENO T224 JFK T315 EEGOR MAD MONDI	5000	GROTON (NEW LONDON)(GON)
.....	(1)SWANN T358 LEEAH V1 JFK T315 EEGOR MAD MONDI	7000	GROTON (NEW LONDON)(GON)
.....	SWANN T358 AVALO T320 ORCHA MONDI(TWIN ENGINE)	7000	GROTON (NEW LONDON)(GON)
.....	EMI EMI321 HGR089 HGR	6000	HAGERSTOWN(HGR)
.....	VINNY HAR	7000	HARRISBURG(CXY)
.....	EMI V265 HAR	7000	HARRISBURG(MDT)
.....	BELAY KITHE T449 LRP	5000	LANCASTER(LNS)
.....	SWANN T358 AVALO T320 YANTC T224 WOONS(TWIN ENGINE)	7000	MANCHESTER(MHT)
.....	SWANN T358 ENO T224 JFK T315 HFD CLOWW(SINGLE ENGINE AND /E. /F. /G ONLY)	5000	MANCHESTER(MHT)
.....	SWANN T358 LEEAH V1 JFK T315 HFD CLOWW(SINGLE ENGINE AND /E. /F. /G ONLY)	7000	MANCHESTER(MHT)
.....	WOOLY MRB	8000	MARTINSBURG(MRB)
.....	PALEO-DP SIE AVALO T320 GON T216 NEWBE T300 DEEPO(TWIN ENGINE)	7000	NANTUCKET(ACK)
.....	(1)SWANN T358 ENO T224 JFK	5000	NEW YORK(ISP)
.....	(1)SWANN T358 LEEAH V1 JFK	7000	NEW YORK(ISP)
.....	SWANN T358 AVALO T320 SARDI CCC(TWIN ENGINE)	7000	NEW YORK(ISP)
.....	(1)SWANN T358 ENO T224 JFK	5000	NEW YORK(JFK)
.....	(1)SWANN T358 LEEAH V1 JFK	7000	NEW YORK(JFK)
.....	SWANN T358 LEEAH T315 PANZE V184 ZIGGI(TWIN ENGINE)	7000	NEW YORK(JFK)
.....	OBWON T356 ODESA DQO V479 RUUTH V123 PROUD	7000	NEW YORK(LGA)
.....	BAL V378 MXE ARD METRO(LESS THAN 180 KTS ONLY)	5000	NEWARK(EWR)
.....	GRACO T291 FAGED V286 STEIN	6000	NORFOLK(ORF)
.....	GRACO T295 SHLBK	6000	PATUXENT RIVER(NHK)
.....	SWANN T356 ODESA DQO(TURBOJETS ONLY)	9000	PHILADELPHIA(PHL)
.....	SWANN T356 ODESA OOD(NON-TURBOJETS ONLY)	7000	PHILADELPHIA(PHL)
.....	SWANN T356 ODESA DQO(TURBOJETS ONLY)	11000	PHILADELPHIA(PNE)
.....	V378 MXE(NON-TURBOJETS ONLY)	5000	PHILADELPHIA(PNE)
.....	V419 MXE(NON-TURBOJETS ONLY)	5000	PHILADELPHIA(PNE)
.....	SWANN T358 AVALO T320 GDM T314 ENE(TWIN ENGINE)	7000	PORTLAND(PWM)
.....	SWANN T358 ENO T224 JFK T315 HFD CLOWW(SINGLE ENGINE AND /E. /F. /G ONLY)	5000	PORTLAND(PWM)
.....	SWANN T358 LEEAH V1 JFK T315 HFD CLOWW(SINGLE ENGINE AND /E. /F. /G ONLY)	7000	PORTLAND(PWM)
.....	GRACO T295 COLIN	6000	RICHMOND(RIC)
.....	BAL BAL133 SBY332 SBY	7000	SALISBURY(SBY)
.....	BAL V378 MXE V3 SBJ(PROPS)	7000	TETERBORO METRO(TEB,CDW,L DJ,MMU,SMQ,47N)
.....	(1)SWANN T358 ENO T224 JFK T315 EEGOR MAD CARLD V188 GON V374 MVY	5000	VINEYARD HAVEN(MVY)
.....	(1)SWANN T358 LEEAH V1 JFK T315 EEGOR MAD CARLD V188 GON V374 MVY	7000	VINEYARD HAVEN(MVY)
.....	SWANN T358 AVALO T320 ORCHA LIBBE FLAPE DEEPO(TWIN ENGINE)	7000	VINEYARD HAVEN(MVY)
.....	DIRECT	4000	WASHINGTON(DCA)
.....	V44 MRB	6000	WASHINGTON(IAD)
.....	(1)SWANN T358 ENO T224 JFK CCC	5000	WESTHAMPTON BEACH(FOK)

Approach Control Area (Including Satellites)	Route	Highest Altitude	Destination
	(1)SWANN T358 LEEAH V1 JFK CCC	7000	WESTHAMPTON BEACH(FOK)
	SWANN T358 AVALO T320 ORCHA(TWIN ENGINE)	7000	WESTHAMPTON BEACH(FOK)
	VINNY V93 LRP ETX FJC BWZ SAX V39 BREZY	7000	WHITE PLAINS(HPN)
	VINNY V93 LRP V39 ETX T299 HUO IGN V157 HAARP	7000	WHITE PLAINS(HPN)
	VINNY V93 LVZ	7000	WILKES-BARRE/SCRA NTON(AVP)
	SWANN T356 ODESA DQO	7000	WILMINGTON(ILG)
	(1)SWANN T358 ENO T224 JFK T315 EEGOR	5000	WINDSOR LOCKS(BDL)
	(1)SWANN T358 LEEAH V1 JFK T315 EEGOR	7000	WINDSOR LOCKS(BDL)
	SWANN T358 AVALO T320 BEADS HTO DEER PARK-STAR(TWIN ENGINE)	7000	WINDSOR LOCKS(BDL)
BANGOR(BGR)	ENE LWRNC	10000	BEDFORD(BED)
	(4)ENE V167 SCUPP	10000	BOSTON(BOS)
	ENE PEASE STEVO LWRNC(PROPS LESS THAN 250 KT IAS)	10000	BOSTON(BOS)
	CLOWW WITNY HFD(RNAV ONLY)	10000	BRIDGEPORT(BDR)
	BGR T295 CON	10000	CONCORD(CON)
	CLOWW WITNY HFD V1 MAD BDR ALIXX RYMES(RNAV ONLY)	10000	DANBURY(DXR)
	BGR T295 ENE T314 GDM T320 YANTC	10000	GROTON (NEW LONDON)(GON)
	CLOWW WITNY HFD(RNAV ONLY)	10000	HARTFORD(HFD)
	ENE V139 TONNI	10000	HYANNIS(HYA)
	BGR T295 ENE T314 MANCH	10000	MANCHESTER(MHT)
	ENE V139 TONNI	10000	NANTUCKET(ACK)
	CLOWW WITNY HFD V1 BELTT	10000	NEW YORK(ISP)
	CLOWW WITNY HFD V1 DPK	10000	NEW YORK(JFK)
	BGR T295 ENE T314 BAF VEERS T212 TRESA	10000	NEW YORK(SWF)
	CLOWW WITNY HFD T315 SEALL V188 CMK V623 SAX(RNAV ONLY)	10000	NEWARK & SATS
	CLOWW WITNY HFD V3 CMK V623 SAX(RNAV ONLY)	10000	NEWARK & SATS
	ENE LWRNC	10000	NORWOOD(OWD)
	ENE V139 BURDY	10000	PROVIDENCE(PVD)
	ENE V139 TONNI	10000	PROVINCETOWN(PVC)
	ENE V139 TONNI	10000	VINEYARD HAVEN(MVY)
	CLOWW WITNY HFD V1 MAD BDR ALIXX BDR RYMES(RNAV ONLY)	10000	WHITE PLAINS(HPN)
	CLOWW WITNY(RNAV ONLY)	10000	WINDSOR LOCKS(BDL)
	CLOWW SPENO	10000	WORCESTER(ORH)
BINGHAMTON(BGM)	CFB V29 LVZ FJC		ALLETOWN(ABE)
	CFB V252 GEE	8000	BUFFALO(BUF)
	V270	8000	ELMIRA/CORNING(EL M)
	ITH	8000	ITHACA(ITH)
	V29 PTW	8000	PHILADELPHIA(PHL)
	CFB V29 LVZ FJC ARD		PHILADELPHIA(PNE)
	ITH	8000	ROCHESTER(ROC)
	V29	8000	SYRACUSE(SYR)
	V29 LVZ V226 MUGZY	8000	TETERBORO(TEB)
	V29	8000	WILKES-BARRE/SCRA NTON(AVP)
BOSTON ARTCC/KEENE(EEN)	GDM V431 LOBBY	10000	BEDFORD(BED)
	GDM T315 HFD	10000	BRIDGEPORT(BDR)
	GDM T320 YANTC	10000	GROTON (NEW LONDON)(GON)
	GDM T315 HFD	10000	HARTFORD(HFD)
	KEYNN T393 GAILS	10000	HYANNIS(HYA)
	KEYNN T393 PVD NEWBE DEEPO	10000	NANTUCKET(ACK)
	WARIC T295 SASHA STUBY TRESA(GNSS EQUIPPED ONLY)	10000	NEW YORK(SWF)

TOWER ENROUTE CONTROL

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Approach Control Area (Including Satellites)	Route	Highest Altitude	Destination
BOSTON ARTCC/LEBANON(LEB)	..... GDM V431 LOBBY	10000	NORWOOD(OWD)
	..... KEYNN T393 PVD	10000	PROVIDENCE(PVD)
	..... KEYNN T393 GAILS	10000	PROVINCETOWN(PVC)
	..... KEYNN T393 PVD V405 MVY	10000	VINEYARD HAVEN(MVY)
	..... GDM T315 SPENO	10000	WORCESTER(ORH)
	..... LBNON BASUU	10000	BEDFORD(BED,FIT,6B 6)
	..... LBNON CON LWRNC	10000	BEDFORD(BVY,LWM,2 B2)
	..... GDM T315 HFD	10000	BRIDGEPORT(BDR)
	..... GDM T320 YANTC	10000	GROTON (NEW LONDON)(GON)
	..... GDM T315 HFD	10000	HARTFORD(HFD)
	..... LBNON CON BOS GAILS	10000	HYANNIS(HYA)
	..... LBNON CON BOS LFW	10000	NANTUCKET(ACK)
	..... LBNON BASUU	10000	NORWOOD(OWD)
	..... LBNON T393 PVD	10000	PROVIDENCE(PVD)
..... LBNON CON BOS	10000	PROVINCETOWN(PVC)	
..... LBNON CON BOS	10000	VINEYARD HAVEN(MVY)	
..... KEYNN	10000	WINDSOR LOCKS(BDL)	
BOSTON(BOS)	..... GDM T315 SPENO	10000	WORCESTER(ORH)
	..... GLYDE V270 CTR	10000	ALBANY(ALB)
	..... BOSOX V1 MAD BEADS T320 BRIGS	10000	ATLANTIC CITY(ACY)
	..... PEASE ENE	10000	AUGUSTA(AUG)
	..... BOSOX V1 MAD BEADS T320 AVALO T358 SWANN	8000	BALTIMORE(BWI)
	..... PEASE ENE T295 BGR	10000	BANGOR(BGR)
	..... PEASE ENE	10000	BAR HARBOR(BHB)
	..... GLYDE V270 CTR V146 ALB T608 WOZEE	10000	BUFFALO(BUF)
	..... MANCH CON LBNON	10000	BURLINGTON(BTV)
	..... MANCH	10000	CONCORD(CON)
	..... (3)BOSOX V1 MAD BDR ALIXX RYMES	10000	DANBURY(DXR)
	..... (5)GLYDE BAF IGN V157 HAARP	10000	DANBURY(DXR)
	..... BOSOX V1 MAD BEADS T320 AVALO T358 ENO	10000	DOVER(DOV)
	..... GLYDE V270 ULW	10000	ELMIRA/CORNING(EL M)
	..... GLYDE V270 ULW JHW		ERIE(ERI)
	..... PVD	10000	GROTON (NEW LONDON)(GON)
	..... DUNKK V141 GAILS	10000	HYANNIS(HYA)
	..... MANCH KEYNN	10000	KEENE(EEN)
	..... MANCH LBNON	10000	LEBANON(LEB)
	..... MANCH	10000	MANCHESTER(MHT)
	..... DUNKK V141	10000	NANTUCKET(ACK)
	..... BOSOX V1 BELTT	10000	NEW YORK(ISP)
	..... BOSOX V1 DPK	10000	NEW YORK(JFK)
	..... (3)BOSOX V1 MAD BDR PRENO	10000	NEW YORK(LGA)
	..... BOSOX NELLIE T212 TRESA(GNSS EQUIPPED ONLY)	10000	NEW YORK(SWF)
	..... (1)BOSOX V1 HFD T315 SEALL V188 CMK V623 SAX	10000	NEWARK & SATS
	..... (3)BOSOX V1 HFD V3 CMK V623 SAX	10000	NEWARK & SATS
	..... BOSOX V1 MAD BEADS T320 BRIGS ACY V184 OOD	10000	PHILADELPHIA(PHL)
	..... BOSOX V1 MAD BEADS T320 MANTA T438 ARD	10000	PHILADELPHIA(PNE)
	..... PEASE ENE	10000	PORTLAND(PWM)
	..... DIRECT	10000	PORTSMOUTH(PSM)
	..... PVD	10000	PROVIDENCE(PVD)
	..... PVC	10000	PROVINCETOWN(PVC)
	..... BOSOX V1 MAD BEADS T320 CHOPS T224 COLIN	10000	RICHMOND(RIC)
..... GLYDE V270 CTR V146 ALB T608 ROC	10000	ROCHESTER(ROC)	
..... MANCH T316 LAMMS	10000	SYRACUSE(SYR)	
..... BOSOX V1 MAD BEADS T320 MANTA T438 ARD	10000	TRENTON(TTN)	
..... MVY359035 MVY	10000	VINEYARD HAVEN(MVY)	
..... (3)BOSOX V1 MAD BDR ALIXX RYMES	10000	WHITE PLAINS(HPN)	

Approach Control Area (Including Satellites)	Route	Highest Altitude	Destination
BOSTON(NORTH SATS)	..... BOSOX V1 GRAYM	10000	WINDSOR LOCKS(BDL)
	..... DIRECT	10000	WORCESTER(ORH)
	..... BOSOX V1 MAD BEADS T320 DRIFT T416 CYN	10000	WRIGHTSTOWN(WRI)
	..... BOSOX V1 GRAYM T320 YANTC T224 JFK T315 ACY	10000	ATLANTIC CITY(ACY)
	..... BOSOX V1 GRAYM T320 YANTC T224 ENO T358 SWANN	8000	BALTIMORE(BWI)
	..... BOSOX V1 HFD	10000	BRIDGEPORT(BDR)
	..... BOSOX V1 GRAYM T320 YANTC T224 ENO	10000	DOVER(DOV)
	..... BOSOX V1 HFD	10000	HARTFORD(HFD)
	..... BOSOX V1 HFD	10000	NEW HAVEN(HVN)
	..... BOSOX V1 GRAYM T320 YANTC T224 JIIMS OOD	10000	PHILADELPHIA(PHL)
	..... (1)BOSOX V1 GRAYM T320 YANTC T224 DIXIE T438 ARD	10000	PHILADELPHIA(PNE)
	..... BOSOX V1 GRAYM T320 YANTC T224 COLIN	10000	RICHMOND(RIC)
	..... (1)BOSOX V1 GRAYM T320 YANTC T224 DIXIE T438 RBV	10000	TRENTON(TTN)
	..... BOSOX V1 BELTT	10000	WESTHAMPTON BEACH(FOK)
BOSTON(SOUTH SATS)	..... BOSOX V1 GRAYM T320 YANTC T224 CYN	10000	WRIGHTSTOWN(WRI)
	..... (1)BURDY T358 ORCHA CCC T224 JFK T315 ACY	10000	ATLANTIC CITY(ACY)
	..... BURDY T358 BRIGS	10000	ATLANTIC CITY(ACY)
	..... (1)BURDY T358 ORCHA CCC T224 DIXIE T315 PANZE AVALO T358 SWANN	8000	BALTIMORE(BWI)
	..... BURDY T358 SWANN	8000	BALTIMORE(BWI)
	..... BURDY T358 SEY V34 CREAM V374 DENNA	10000	BRIDGEPORT(BDR)
	..... (1)BURDY T358 ORCHA CCC T224 ENO	10000	DOVER(DOV)
	..... BURDY T358 ENO	10000	DOVER(DOV)
	..... BURDY T358 SEY V34 CREAM	10000	NEW HAVEN(HVN)
	..... BURDY T358 ORCHA CCC	10000	NEW YORK(ISP)
	..... BURDY T358 ORCHA CCC V46 DPK	10000	NEW YORK(JFK)
	..... (1)BURDY T358 ORCHA CCC T224 JIIMS OOD	10000	PHILADELPHIA(PHL)
	..... BURDY T358 BRIGS ACY V184 OOD	10000	PHILADELPHIA(PHL)
	..... (1)BURDY T358 ORCHA CCC T224 DIXIE T438 ARD	10000	PHILADELPHIA(PNE)
..... BURDY T358 MANTA T438 ARD	10000	PHILADELPHIA(PNE)	
..... (1)BURDY T358 ORCHA CCC T224 COLIN	10000	RICHMOND(RIC)	
..... BURDY T358 ENO T224 COLIN	10000	RICHMOND(RIC)	
..... (1)BURDY T358 ORCHA CCC T224 DIXIE T438 ARD	10000	TRENTON(TTN)	
..... BURDY T358 MANTA T438 ARD	10000	TRENTON(TTN)	
..... BURDY T358 ORCHA	10000	WESTHAMPTON BEACH(FOK)	
BRIDGEPORT(BDR)	..... (1)BURDY T358 ORCHA CCC T224 CYN	10000	WRIGHTSTOWN(WRI)
	..... BURDY T358 DRIFT T416 CYN	10000	WRIGHTSTOWN(WRI)
	..... SOARS V487 CANAN	10000	ALBANY(ALB)
	..... HUO T299 FJC	5000	ALLENTOWN(ABE)
	..... (1)CCC T224 DIXIE T315 ACY	6000	ATLANTIC CITY(ACY)
	..... MAD HFD CLOWW(E, /F, /G ONLY)	10000	AUGUSTA(AUG)
	..... MAD V1 HFD T315 GDM T314 ENE	10000	AUGUSTA(AUG)
	..... (1)CCC T224 DIXIE V1 LEEAH T358 SWANN	6000	BALTIMORE(BWI)
	..... MAD HFD CLOWW(E, /F, /G ONLY)	10000	BANGOR(BGR)
	..... MAD V1 HFD T315 GDM T314 ENE BGR	10000	BANGOR(BGR)
	..... MAD HFD CLOWW(E, /F, /G ONLY)	10000	BAR HARBOR(BHB)
	..... MAD V1 HFD T315 GDM T314 ENE	10000	BAR HARBOR(BHB)
	..... MAD V1 HFD HFD053 DREEM	10000	BEDFORD(BED)
	..... DPK JFK COL	6000	BELMAR/FARMINGDA LE(BLM)
..... MAD CARLD V188 GON	9000	BLOCK ISLAND(BID)	
..... (3)MAD CARLD YANTC T224 WOONS	10000	BOSTON(BOS)	
..... MAD V1 HFD HFD053 DREEM	9000	BOSTON(NORTH)	
..... BDR	2000	BRIDGEPORT SATS	
..... BDR JUDDS(E, /F, /G ONLY)	10000	BURLINGTON(BTV)	
..... SOARS V487 CAM	10000	BURLINGTON(BTV)	
..... MAD HFD CLOWW(E, /F, /G ONLY)	10000	CONCORD(CON)	
..... MAD V1 HFD T315 GDM	10000	CONCORD(CON)	

TOWER ENROUTE CONTROL

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Approach Control Area
(Including Satellites)

Route	Highest Altitude	Destination
..... HTO	3000	EAST HAMPTON(JPX)
..... MAD MAD126 MONDI	7000	GROTON (NEW LONDON)(GON)
..... HUO T299 HAR	5000	HARRISBURG(CXY)
..... V1 HFD	5000	HARTFORD(HFD)
..... MAD CARLD ORW PVD T393 GAILS	10000	HYANNIS(HYA)
..... BDR JUDDS WHATE(/E, /F, /G ONLY)	10000	KEENE(EEN)
..... MAD V1 HFD T315 GDM	10000	KEENE(EEN)
..... HUO T299 DUMMR T295 LRP	5000	LANCASTER(LNS)
..... BDR JUDDS WHATE(/E, /F, /G ONLY)	10000	LEBANON(LEB)
..... MAD V1 HFD KEYNN	10000	LEBANON(LEB)
..... MAD HFD CLOWW(/E, /F, /G ONLY)	10000	MANCHESTER(MHT)
..... MAD V1 HFD T315 GDM T314 MANCH	10000	MANCHESTER(MHT)
..... MAD	3000	MERIDEN(MMK)
..... (1)CCC T224 JIIMS	6000	MILLVILLE(MIV)
..... MAD CARLD V188 GON T216 NEWBE T300 DEEPO	10000	NANTUCKET(ACK)
..... MAD CARLD V188 GON V374 MINNK	9000	NEW BEDFORD(EWB)
..... DIRECT	2000	NEW HAVEN(HVN)
..... CCC	4000	NEW YORK(ISP)
..... DPK	4000	NEW YORK(JFK)
..... LGA075(RADAR VECTOR)	4000	NEW YORK(LGA)
..... CMK V188 SAX	4000	NEWARK(EWR)
..... (1)CCC T224 DIXIE V1 CCV	6000	NORFOLK(ORF)
..... MAD CARLD V188 GON	9000	NORTH KINGSTOWN(OQU)
..... (3)MAD YANTC T224 WOONS	10000	NORWOOD(OWD)
..... (1)DIXIE T224 JIIMS OOD	6000	PHILADELPHIA(PHL)
..... (1)CCC T224 DIXIE T438 ARD	6000	PHILADELPHIA(PNE)
..... MAD HFD CLOWW(/E, /F, /G ONLY)	10000	PORTLAND(PWM)
..... MAD V1 HFD T315 GDM T314 ENE	10000	PORTLAND(PWM)
..... MAD V1 HFD T315 GDM T314 MANCH(/E, /F, /G ONLY)	10000	PORTSMOUTH(PSM)
..... MAD CARLD V188 GON	9000	PROVIDENCE(PVD)
..... MAD CARLD ORW PVD T393 GAILS	10000	PROVINCETOWN(PVC)
..... SAX V249 SBJ T430 ETX V39 FLOAT(PROPS ONLY)		READING(RDG)
..... (1)CCC T224 DIXIE V1 LEEAH T315 COLIN	6000	RICHMOND(RIC)
..... (1)CCC T224 DIXIE V1 SBY	6000	SALISBURY(SBY)
..... HAAYS HUO V273 HNK T391 SYR	10000	SYRACUSE(SYR)
..... MAD CARLD V188 GON V374 MVY	9000	VINEYARD HAVEN(MVY)
..... (1)CCC T224 DIXIE V1 LEEAH T315 CHOPS T320 VAALI CAPKO	6000	WASHINGTON(DCA)
..... (1)CCC T224 DIXIE V1 LEEAH T358 OBWON T356 TWIRK T358 MRB	6000	WASHINGTON(IAD)
..... ALIXX RYMES	4000	WHITE PLAINS(HPN)
..... (1)CCC T224 DIXIE T315 PANZE V44 SIE	6000	WILDWOOD(WWD)
..... BDR	10000	WINDSOR LOCKS(BDL)
..... MAD V1 GRAYM	9000	WORCESTER(ORH)
..... (1)CCC T224 CYN	6000	WRIGHTSTOWN(WRI)
..... ERI	6000	ERIE(ERI)
..... CAM	10000	ALBANY(ALB)
..... LBNON BASUU	10000	BEDFORD(BED)
..... LBNON CON LWRNC	10000	BEVERLY(BVY)
..... (3)LBNON CON TOMIE LWRNC	10000	BOSTON(BOS)
..... ALB V44 DENNA	10000	BRIDGEPORT(BDR)
..... (4)ALB V157 HAARP	10000	DANBURY(DXR)
..... ALB V123 HAARP(PROP JETS LESS THAN 250 KT IAS)	10000	DANBURY(DXR)
..... BTV T315 GDM T320 YANTC	10000	GROTON (NEW LONDON)(GON)
..... BTV T315 HFD	10000	HARTFORD(HFD)
..... LBNON CON BOS GAILS	10000	HYANNIS(HYA)
..... LBNON CON BOS LJV	10000	NANTUCKET(ACK)
..... ALB V123 TRESA	10000	NEW YORK(SWF)
..... LBNON BASUU	10000	NORWOOD(OWD)

BUFFALO(BUF)
BURLINGTON(BTV)

Approach Control Area (Including Satellites)	Route	Highest Altitude	Destination
	..... BTV T315 GDM T393 PVD	10000	PROVIDENCE(PVD)
	..... LBNON CON BOS	10000	PROVINCETOWN(PVC)
	..... LBNON CON BOS	10000	VINEYARD
	..... KEYNN	10000	HAVEN(MVY)
	..... MUDDI T315 SPENO	10000	WINDSOR
	..... BREZY V39 CMK V3 HFD T315 GDM T314	10000	LOCKS(BDL)
CALDWELL(CDW)	..... MANCH(E, /F, /G ONLY)	10000	WORCESTER(ORH)
DOVER(DOV)	..... ENO T358 LEEAH	7000	PORTSMOUTH(PSM)
	..... ENO T358 SWANN	6000	ATLANTIC CITY(ACY)
	..... (1)ENO T224 JFK T315 EEGOR	5000	BALTIMORE(BWI)
	..... ENO T224 HEDGE	3000	BRIDGEPORT(BDR)
	..... (1)DOV T224 JFK T315 HFD	5000	EASTON(ESN)
	..... (1)LEEAH V1 JFK T315 HFD	7000	HARTFORD(HFD)
	..... WNSTN T320 RICED MAD V1 HFD(TWIN ENGINE)	7000	HARTFORD(HFD)
	..... ENO V29 SBY V1	6000	NORFOLK(ORF)
	..... ENO T224 SHLBK	6000	PATUXENT
	..... ENO V29 PXT063 PXT	4000	RIVER(NHK)
	..... ENO V29 DQO	5000	PATUXENT
	..... ENO V29	6000	RIVER(NHK)
	..... ENO T224 CHOPS T320 VAALI CAPKO	6000	PHILADELPHIA(PHL)
	..... DOV ENO V29 DQO	5000	SALISBURY(SBY)
	..... ENO T224 CYN	5000	WASHINGTON(DCA)
ELMIRA/CORNING(ELM)	..... ULW GIBBE	8000	WASHINGTON(DCA)
	..... V147	8000	WILMINGTON(ILG)
	..... V35	8000	WRIGHTSTOWN(WRI)
	..... ULW T440 WLKES	8000	ROCHESTER(ROC)
	..... V36 V29	8000	ROCHESTER(ROC)
	..... GON BAF V146	10000	SYRACUSE(SYR)
GROTON (NEW LONDON)(GON)	..... HFD PWL HUO T299 FJC	5000	WILKES-BARRE/SCRA
	..... (1)GON V374 CREAM T224 JFK T315 ACY	10000	NTON(AVP)
	..... YANTC T224 BOS PEASE ENE	10000	WILKES-BARRE/SCRA
	..... (1)GON V374 CREAM T224 ENO T358 SWANN	8000	NTON(AVP)
	..... YANTC T224 BOS PEASE ENE T295 BGR	10000	ALBANY(ALB)
	..... YANTC T224 BOS PEASE ENE	10000	ALBANY(ALB)
	..... YANTC T224 WOONS	10000	ALBANY(ALB)
	..... (3)YANTC T224 WOONS	10000	ALBANY(ALB)
	..... (5)PVD T393 INNDY	10000	ALBANY(ALB)
	..... GON V374 DENNA	10000	ALBANY(ALB)
	..... BAF V146 ALB T608 WOZEE	10000	ALBANY(ALB)
	..... YANTC T320 GDM T315 BTV	10000	ALBANY(ALB)
	..... YANTC T224 WOONS MANCH	10000	ALBANY(ALB)
	..... (3)GON V374 CREAM BDR ALIXX RYMES	10000	ALBANY(ALB)
	..... (5)ORW BAF IGN V157 HAARP	10000	ALBANY(ALB)
	..... (1)GON V374 CREAM T224 ENO	10000	ALBANY(ALB)
	..... CTR V270 ULW	10000	ALBANY(ALB)
	..... GON CTR V270 ULW JHW	10000	ALBANY(ALB)
	..... GON V374 CREAM T224 CCC V46 DPK	10000	ALBANY(ALB)
	..... HFD	10000	ALBANY(ALB)
	..... PVD T393 GAILS	10000	ALBANY(ALB)
	..... YANTC T320 GDM	10000	ALBANY(ALB)
	..... YANTC T320 GDM	10000	ALBANY(ALB)
	..... YANTC T224 WOONS	10000	ALBANY(ALB)
	..... GON T216 NEWBE T300 DEEPO	10000	ALBANY(ALB)
	..... GON V374 CREAM	10000	ALBANY(ALB)
	..... GON V374 CREAM T224 CCC	10000	ALBANY(ALB)
	..... GON V374 CREAM T224 CCC V46 DPK	10000	ALBANY(ALB)
	..... GON V374 CREAM BDR PRENO	10000	ALBANY(ALB)
 GON NELIE T212 TRESA(GNSS EQUIPPED ONLY)	10000	ALBANY(ALB)

TOWER ENROUTE CONTROL

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Approach Control Area (Including Satellites)	Route	Highest Altitude	Destination
	..... (1)HFD T315 SEALL V188 CMK V623 SAX	10000	NEWARK & SATS
	..... (3)GON HFD V3 CMK V623 SAX	10000	NEWARK & SATS
	..... YANTC T224 WOONS	10000	NORWOOD & SOUTH SATS
	..... GON V374 DENNA	10000	OXFORD(OXC)
	..... (1)GON V374 CREAM T224 JIIMS OOD	10000	PHILADELPHIA(PHL)
	..... (1)GON V374 CREAM T224 DIXIE T438 ARD	10000	PHILADELPHIA(PNE)
	..... YANTC T224 WOONS BOS PEASE ENE	10000	PORTLAND(PWM)
	..... YANTC T224 WOONS BOS	10000	PORTSMOUTH(PSM)
	..... PVD T393 GAILS	10000	PROVINCETOWN(PVC)
	..... (1)GON V374 CREAM T224 COLIN	10000	RICHMOND(RIC)
	..... GON BAF V146 ALB	10000	ROCHESTER(ROC)
	..... GON BAF V146 ALB	10000	SYRACUSE(SYR)
	..... (1)GON V374 CREAM T224 DIXIE T438 ARD	10000	TRENTON(TTN)
	..... GON V374 MVY	10000	VINEYARD HAVEN(MVY)
	..... GON V374 CREAM T224 CCC	10000	WESTHAMPTON BEACH(FOK)
	..... GON V374 CREAM BDR ALIXX RYMES	10000	WHITE PLAINS(HPN)
	..... HFD PWL V34 WEETS LVZ	6000	WILKES-BARRE/SCRA NTON(AVP)
	..... HFD	10000	WINDSOR LOCKS(BDL)
	..... YANTC T320 GRAYM	10000	WORCESTER(ORH)
	..... (1)GON V374 CREAM T224 CYN	10000	WRIGHTSTOWN(WRI)
HARRISBURG(CXY)	..... HAR T299 ETX	7000	ALLENTOWN(ABE)
	..... LRP V39 ETX	7000	ALLENTOWN(ABE)
	..... HAR V469 OOD V184	5000	ATLANTIC CITY(ACY)
	..... LRP LRP144 PADRE DQO OOD V184	5000	ATLANTIC CITY(ACY)
	..... HAR VINNY BAL	8000	BALTIMORE(BWI)
	..... LRP T449 KITHE	6000	BALTIMORE(BWI)
	..... LRP T449 CFB	7000	BINGHAMTON(BGM)
	..... ETX T299 FJC V6 SBJ V232 COL(PROPS ONLY)	7000	NEW YORK(JFK)
	..... LRP V39 ETX T299 FJC V6 SBJ V232 COL(PROPS ONLY)	7000	NEW YORK(JFK)
	..... HAR T299 ETX T430 SBJ V232 TYKES V123 PROUD(PROPS ONLY)	7000	NEW YORK(LGA)
	..... LRP V39 ETX T430 SBJ V232 TYKES V123 PROUD(PROPS ONLY)	7000	NEW YORK(LGA)
	..... ETX T299 FJC BWZ(PROPS ONLY)	7000	NEWARK(EWR)
	..... LRP V39 ETX T299 FJC BWZ(JETS ONLY)	7000	NEWARK(EWR)
	..... HAR V210 BUNTS	5000	PHILADELPHIA(PHL)
	..... LRP V210 BUNTS	5000	PHILADELPHIA(PNE)
	..... HAR V12 BOYER	6000	READING(RDG)
	..... LRP LRP082 HUMEL	4000	READING(RDG)
	..... ETX T299 FJC STW	7000	TETERBORO(TEB)
	..... LRP V39 ETX T299 FJC STW	7000	TETERBORO(TEB)
	..... HAR V265 KRANT	8000	WASHINGTON(DCA)
	..... LRP V93 BAL	8000	WASHINGTON(DCA)
	..... HAR T299 ETX V39 ROVRT AML	8000	WASHINGTON(IAD)
	..... LRP V39 ROVRT AML	8000	WASHINGTON(IAD)
	..... ETX T299 HUO IGN HAARP	7000	WHITE PLAINS(HPN)
	..... LRP V39 ETX T299 FJC STW SAX V39 BREZY	7000	WHITE PLAINS(HPN)
	..... LRP T295 LVZ	7000	WILKES-BARRE/SCRA NTON(AVP)
	..... LRP LRP144 PADRE DQO	5000	WILMINGTON(ILG)
	..... V469	7000	WILMINGTON(ILG)
HARTFORD(HFD)	..... DIRECT	10000	ALBANY(ALB)
	..... PWL HUO T299 FJC	5000	ALLENTOWN(ABE)
	..... GON CCC T224 JFK T315 ACY	10000	ATLANTIC CITY(ACY)
	..... MAD BEADS T320 BRIGS	10000	ATLANTIC CITY(ACY)
	..... HFD CLOWW/(E, /F, /G ONLY)	10000	AUGUSTA(AUG)
	..... GON CCC T224 ENO T358 SWANN	8000	BALTIMORE(BWI)
	..... MAD BEADS T320 AVALO T358 SWANN	8000	BALTIMORE(BWI)
	..... HFD CLOWW/(E, /F, /G ONLY)	10000	BANGOR(BGR)
	..... HFD CLOWW/(E, /F, /G ONLY)	10000	BAR HARBOR(BHB)

TOWER ENROUTE CONTROL

Approach Control Area (Including Satellites)	Route	Highest Altitude	Destination
	..... HFD HFD053 DREEM	10000	BEDFORD & NORTH SATS
	..... HFD V3 WOONS	10000	BOSTON & SOUTH SATS
	..... DIRECT	10000	BRIDGEPORT(BDR)
	..... ALB T608 WOZEE	10000	BUFFALO(BUF)
	..... HFD CLOWW(E, /F, /G ONLY)	10000	CONCORD(CON)
	..... (3)HFD V1 MAD BDR ALIXX RYMES	10000	DANBURY(DXR)
	..... (5)NELJIE VEERS IGN V157 HAARP	10000	DANBURY(DXR)
	..... GON CCC T224 ENO	10000	DOVER(DOV)
	..... MAD BEADS T320 AVALO T358 ENO	10000	DOVER(DOV)
	..... CTR V270 ULW	10000	ELMIRA/CORNING(EL M)
	..... CTR V270 ULW JHW		ERIE(ERI)
	..... HFD GON	10000	GROTON (NEW LONDON)(GON)
	..... HFD V167 PVD T393 GAILS	10000	HYANNIS(HYA)
	..... HFD T315 GDM	10000	KEENE(EEN)
	..... HFD KEYNN	10000	LEBANON(LEB)
	..... HFD CLOWW(E, /F, /G ONLY)	10000	MANCHESTER(MHT)
	..... GON T216 NEWBE T300 DEEPO	10000	NANTUCKET(ACK)
	..... MAD V1 BELTT	10000	NEW YORK(ISP)
	..... MAD V1 DPK	10000	NEW YORK(JFK)
	..... (3)HFD V1 MAD BDR PRENO	10000	NEW YORK(LGA)
	..... VEERS T212 TRESA(GNSS EQUIPPED ONLY)	10000	NEW YORK(SWF)
	..... (1)HFD T315 SEALL V188 CMK V623 SAX	10000	NEWARK & SATS
	..... (3)HFD V3 CMK V623 SAX	10000	NEWARK & SATS
	..... PUT PUT105 WOONS	10000	NORWOOD(OWD)
	..... GON CCC T224 JIIMS OOD	10000	PHILADELPHIA(PHL)
	..... MAD BEADS T320 BRIGS ACY V184 OOD	10000	PHILADELPHIA(PHL)
	..... GON CCC T224 DIXIE T438 ARD	10000	PHILADELPHIA(PNE)
	..... MAD BEADS T320 MANTA T438 ARD	10000	PHILADELPHIA(PNE)
	..... HFD CLOWW(E, /F, /G ONLY)	10000	PORTLAND(PWM)
	..... HFD T315 GDM T314 MANCH(E, /F, /G ONLY)	10000	PORTSMOUTH(PSM)
	..... HFD V167 PVD	10000	PROVIDENCE(PVD)
	..... PVD T393 GAILS	10000	PROVINCETOWN(PVC)
	..... GON CCC T224 COLIN	10000	RICHMOND(RIC)
	..... MAD BEADS T320 AVALO T358 ENO T224 COLIN	10000	RICHMOND(RIC)
	..... ALB	10000	ROCHESTER(ROC)
	..... ALB	10000	SYRACUSE(SYR)
	..... GON CCC T224 DIXIE T438 ARD	10000	TRENTON(TTN)
	..... MAD BEADS T320 MANTA T438 ARD	10000	TRENTON(TTN)
	..... GON V374 MZY	10000	VINEYARD HAVEN(MZY)
	..... V1 BELTT	10000	WESTHAMPTON BEACH(FOK)
	..... (3)HFD V1 MAD BDR ALIXX RYMES	10000	WHITE PLAINS(HPN)
	..... PWL V34 WEETS LVZ	6000	WILKES-BARRE/SCRA NTON(AVP)
	..... GON CCC T224 CYN	10000	WRIGHTSTOWN(WRI)
	..... MAD BEADS T320 DRIFT T416 CYN	10000	WRIGHTSTOWN(WRI)
	..... PVD V146	10000	ALBANY(ALB)
	..... (1)MZY MINNK V374 GON CCC T224 JFK T315 ACY	10000	ATLANTIC CITY(ACY)
	..... MZY NEWBE SEY ORCHA T320 BRIGS	10000	ATLANTIC CITY(ACY)
	..... FREDO BOS PEASE ENE	10000	AUGUSTA(AUG)
	..... (1)MZY MINNK V374 GON CCC T224 ENO T358 SWANN	8000	BALTIMORE(BWI)
	..... MZY NEWBE SEY ORCHA T320 AVALO T358 SWANN	8000	BALTIMORE(BWI)
	..... FREDO BOS PEASE ENE T295 BGR	10000	BANGOR(BGR)
	..... FREDO BOS PEASE ENE	10000	BAR HARBOR(BHB)
	..... FREDO	10000	BEDFORD(BED)
	..... FREDO	10000	BOSTON & SATS
	..... MINNK V374 DENNA	10000	BRIDGEPORT(BDR)
 MZY MZY230 V34 SEY HTO HTO302 KEYED(WATER)	10000	BRIDGEPORT(BDR)

TOWER ENROUTE CONTROL

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Approach Control Area
(Including Satellites)

Route	Highest Altitude	Destination
..... PVD V146 ALB T608 WOZEE	10000	BUFFALO(BUF)
..... PVD T393 GDM T315 BTV	10000	BURLINGTON(BTV)
..... FREDO MANCH	10000	CONCORD(CON)
..... (3)PVD HFD V1 MAD BDR ALIXX RYMES	10000	DANBURY(DXR)
..... (5)PVD V146 BAF V157 HAARP	10000	DANBURY(DXR)
..... (1)MVY MINNK V374 GON CCC T224 ENO	10000	DOVER(DOV)
..... MVY NEWBE T216 SEY ORCHA T320 AVALO T358 ENO	10000	DOVER(DOV)
..... PVD V146 CTR V270 ULW	10000	ELMIRA/CORNING(ELM)
..... PVD V146 CTR V270 ULW JHW		ERIE(ERI)
..... (5)MVY NEWBE T216 SEY ORCHA CCC V46 DPK	10000	FARMINGDALE(FRG)
..... MINNK V374 GON CCC V46 DPK	10000	FARMINGDALE(FRG)
..... DIRECT	10000	GROTON (NEW LONDON)(GON)
..... PVD HFD	10000	HARTFORD(HFD)
..... PVD T393 KEYNN	10000	KEENE(EEN)
..... PVD T393 LBNON	10000	LEBANON(LEB)
..... FREDO BOS	10000	MANCHESTER(MHT)
..... (1)MINNK V374 GON CCC	10000	NEW YORK(ISP)
..... (5)MVY NEWBE T216 SEY ORCHA CCC	10000	NEW YORK(ISP)
..... MINNK V374 GON CCC V46 DPK	10000	NEW YORK(JFK)
..... MVY MMY230 V34 SEY HTO V46 DPK	10000	NEW YORK(JFK)
..... PVD V167 HFD V1 MAD BDR PRENO	10000	NEW YORK(LGA)
..... PVD T255 NELIE T212 TRESA(GNSS EQUIPPED ONLY)	10000	NEW YORK(SWF)
..... (1)PVD V167 HFD T315 SEALL V188 CMK V623 SAX	10000	NEWARK & SATS
..... (3)PVD V167 HFD V3 CMK V623 SAX	10000	NEWARK & SATS
..... FREDO	10000	NORWOOD(OWD)
..... (1)MVY MINNK V374 GON CCC T224 JIIMS OOD	10000	PHILADELPHIA(PHL)
..... MVY NEWBE T216 SEY ORCHA T320 BRIGS ACY V184 OOD	10000	PHILADELPHIA(PHL)
..... (1)MVY MINNK V374 GON CCC T224 DIXIE T438 ARD	10000	PHILADELPHIA(PNE)
..... MVY NEWBE T216 SEY ORCHA CCC T224 DIXIE T438 ARD	10000	PHILADELPHIA(PNE)
..... FREDO BOS PEASE ENE	10000	PORTLAND(PWM)
..... FREDO BOS	10000	PORTSMOUTH(PSM)
..... DIRECT	10000	PROVIDENCE(PVD)
..... (1)MVY MINNK V374 GON CCC T224 COLIN	10000	RICHMOND(RIC)
..... MVY NEWBE T216 SEY ORCHA T320 CHOPS T224 COLIN	10000	RICHMOND(RIC)
..... PVD V146 ALB	10000	ROCHESTER(ROC)
..... PVD V146 ALB	10000	SYRACUSE(SYR)
..... (1)MVY MINNK V374 GON CCC T224 DIXIE T438 ARD	10000	TRENTON(TTN)
..... MVY NEWBE T216 SEY ORCHA T320 MANTA T438 ARD	10000	TRENTON(TTN)
..... (1)MINNK V374 GON CCC	10000	WESTHAMPTON BEACH(FOK)
..... (5)MVY NEWBE T216 SEY ORCHA CCC	10000	WESTHAMPTON BEACH(FOK)
..... PVD V167 HFD V1 MAD BDR ALIXX RYMES	10000	WHITE PLAINS(HPN)
..... PVD	10000	WINDSOR LOCKS(BDL)
..... PVD PUT	10000	WORCESTER(ORH)
..... (1)MVY MINNK V374 GON CCC T224 CYN	10000	WRIGHTSTOWN(WRI)
..... MVY NEWBE T216 SEY ORCHA T320 DRIFT T416 CYN	10000	WRIGHTSTOWN(WRI)
..... (3)GDM T315 HFD V1 MAD BDR ALIXX RYMES	10000	DANBURY(DXR)
..... GDM T315 HFD V1 MAD BDR ALIXX RYMES	10000	DANBURY(DXR)
..... GDM T314 BAF SASHA T295 LAAYK(GNSS EQUIPPED ONLY)	10000	ALBENTOWN(ABE)
..... GDM HFD MAD BEADS T320 BRIGS	10000	ATLANTIC CITY(ACY)
..... GDM YANTC T224 JFK T315 ACY	10000	ATLANTIC CITY(ACY)
..... GDM HFD MAD BEADS T320 AVALO T358 SWANN	8000	BALTIMORE(BWI)

KEENE(EEN)
LEBANON(LEB)
MANCHESTER(MHT)

TOWER ENROUTE CONTROL

Approach Control Area (Including Satellites)	Route	Highest Altitude	Destination
.....	GDM T314 BAF SASHA T295 LRP V93 BAL(GNSS EQUIPPED ONLY)	10000	BALTIMORE(BWI)
.....	GDM YANTC T224 ENO T358 SWANN	8000	BALTIMORE(BWI)
.....	GDM HFD MAD BEADS T320 MANTA T438 DIXIE	10000	BELMAR/FARMINGDA LE(BLM)
.....	GDM YANTC T224 JFK COL	10000	BELMAR/FARMINGDA LE(BLM)
.....	TOMIE LWRNC	10000	BOSTON(BOS)
.....	CLOWW WITNY HFD(RNAV ONLY)	10000	BRIDGEPORT(BDR)
.....	CLOWW WITNY HFD V1 MAD BDR ALIXX RYMES(RNAV ONLY)	10000	DANBURY(DXR)
.....	GDM HFD MAD BEADS T320 AVALO T358 ENO	10000	DOVER(DOV)
.....	GDM YANTC T224 ENO	10000	DOVER(DOV)
.....	KEYNN T295 CTR V270 ULW	10000	ELMIRA/CORNING(EL M)
.....	GDM HFD V1 DPK	10000	FARMINGDALE(FRG)
.....	GDM T320 YANTC	10000	GROTON (NEW LONDON)(GON)
.....	GDM T314 BAF SASHA T295 DUMMR T299 HAR(GNSS EQUIPPED ONLY)	10000	HARRISBURG(MDT)
.....	CLOWW WITNY HFD(RNAV ONLY)	10000	HARTFORD(HFD)
.....	BOS GAILS	10000	HYANNIS(HYA)
.....	GDM T314 BAF SASHA T295 LRP(GNSS EQUIPPED ONLY)	10000	LANCASTER(LNS)
.....	BOS LRV	10000	NANTUCKET(ACK)
.....	CLOWW WITNY HFD(RNAV ONLY)	10000	NEW HAVEN(HVN)
.....	GDM HFD V1 BELTT	10000	NEW YORK(ISP)
.....	GDM HFD V1 DPK	10000	NEW YORK(JFK)
.....	(3)CLOWW WITNY HFD V1 MAD BDR PRENO LGA	10000	NEW YORK(LGA)
.....	GDM T314 BAF VEERS T212 TRESA(GNSS EQUIPPED ONLY)	10000	NEW YORK(SWF)
.....	CLOWW WITNY HFD T315 SEALL V188 CMK V623 SAX(RNAV ONLY)	10000	NEWARK & SATS
.....	CLOWW WITNY HFD V3 CMK V623 SAX(RNAV ONLY)	10000	NEWARK & SATS
.....	GDM HFD MAD BEADS T320 AVALO SIE V139 CCV	10000	NORFOLK(ORF)
.....	GDM YANTC T224 JFK V1 CCV	10000	NORFOLK(ORF)
.....	CLOWW WITNY HFD(RNAV ONLY)	10000	OXFORD(OCX)
.....	GDM HFD MAD BEADS T320 BRIGS ACY V184 OOD	10000	PHILADELPHIA(PHL)
.....	GDM YANTC T224 JIIMS OOD	10000	PHILADELPHIA(PHL)
.....	GDM HFD MAD BEADS T320 MANTA T438 ARD	10000	PHILADELPHIA(PNE)
.....	GDM YANTC T224 DIXIE T438 ARD	10000	PHILADELPHIA(PNE)
.....	GDM T314 BAF SASHA T295 LAAYK T216 PSB GRACE(GNSS EQUIPPED ONLY)	10000	PITTSBURGH(PIT)
.....	KEYNN CTR	10000	PITTSFIELD(PSF)
.....	GDM T393 PVD	10000	PROVIDENCE(PVD)
.....	BOS	10000	PROVINCETOWN(PVC)
.....	GDM HFD MAD BEADS T320 AVALO T358 ENO T224 COLIN	10000	RICHMOND(RIC)
.....	GDM YANTC T224 COLIN	10000	RICHMOND(RIC)
.....	CAM T316 LAMMS	10000	SYRACUSE(SYR)
.....	GDM HFD MAD BEADS T320 MANTA T438 ARD	10000	TRENTON(TTN)
.....	GDM YANTC T224 DIXIE T438 ARD	10000	TRENTON(TTN)
.....	BOS	10000	VINEYARD HAVEN(MVY)
.....	GDM T320 ORCHA	10000	WESTHAMPTON BEACH(FOK)
.....	(5)GDM T314 BAF SASHA STUBY PWL IGN V157 HAARP	10000	WHITE PLAINS(HPN)
.....	CLOWW WITNY HFD V1 MAD BDR ALIXX RYMES(RNAV ONLY)	10000	WHITE PLAINS(HPN)
.....	GDM T320 WNSTN	10000	WILDWOOD(WWD)
.....	GDM YANTC T224 JFK T315 PANZE V44 SIE	10000	WILDWOOD(WWD)
.....	GDM T314 BAF SASHA T295 LAAYK(GNSS EQUIPPED ONLY)	10000	WILKES-BARRE/SCRA NTON(AVP)
.....	CLOWW WITNY(RNAV ONLY)	10000	WINDSOR LOCKS(BDL)
.....	CLOWW SPENO	10000	WORCESTER(ORH)

TOWER ENROUTE CONTROL

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Approach Control Area (Including Satellites)	Route	Highest Altitude	Destination
MORRISTOWN(MMU)	..... BREZY V39 CMK V3 HFD T315 GDM T314 MANCH(E, F, /G ONLY)	10000	PORTSMOUTH(PSM)
NANTUCKET(ACK)	..... ACK V146	10000	ALBANY(ALB)
	..... (1)ACK V146 MVY V374 GON CCC T224 DIXIE T315 ACY	10000	ATLANTIC CITY(ACY)
	..... ACK T216 SEY ORCHA T320 BRIGS	10000	ATLANTIC CITY(ACY)
	..... FREDO BOS PEASE ENE	10000	AUGUSTA(AUG)
	..... (1)ACK V146 MVY V374 GON CCC T224 ENO T358 SWANN	8000	BALTIMORE(BWI)
	..... ACK T216 SEY ORCHA T320 AVALO T358 SWANN	8000	BALTIMORE(BWI)
	..... FREDO BOS PEASE ENE T295 BGR	10000	BANGOR(BGR)
	..... FREDO BOS PEASE ENE	10000	BAR HARBOR(BHB)
	..... ACK FREDO	10000	BEDFORD(BED)
	..... ACK FREDO	10000	BOSTON & SATS
	..... ACK V146 MVY V374 DENNA	10000	BRIDGEPORT(BDR)
	..... ACK V34 SEY HTO HTO302 KEYED(WATER)	10000	BRIDGEPORT(BDR)
	..... ACK V146 ALB T608 WOZEE	10000	BUFFALO(BUF)
	..... ACK V146 PVD T393 GDM T315 BTW	10000	BURLINGTON(BTV)
	..... FREDO BOS MANCH	10000	CONCORD(CON)
	..... (3)ACK V146 PVD HFD V1 MAD BDR ALIXX RYMES	10000	DANBURY(DXR)
	..... (5)ACK V146 BAF IGN V157 HAARP	10000	DANBURY(DXR)
	..... MVY SEY V34 CREAM BDR ALIXX RYMES	10000	DANBURY(DXR)
	..... (1)ACK V146 MVY V374 GON CCC T224 ENO	10000	DOVER(DOV)
	..... ACK T216 SEY ORCHA T320 AVALO T358 ENO	10000	DOVER(DOV)
	..... ACK V146 CTR V270 ULW	10000	ELMIRA/CORNING(EL M)
	..... ACK V146 CTR V270 ULW JHW		ERIE(ERI)
	..... (5)ACK T216 SEY ORCHA CCC V46 DPK	10000	FARMINGDALE(FRG)
	..... ACK V146 MVY V374 GON CCC V46 DPK	10000	FARMINGDALE(FRG)
	..... ACK	10000	GROTON (NEW LONDON)(GON)
	..... ACK T216 HFD	10000	HARTFORD(HFD)
	..... ACK V146 PVD T393 KEYNN	10000	KEENE(EEN)
	..... ACK V146 PVD T393 LBNON	10000	LEBANON(LEB)
	..... FREDO BOS MANCH	10000	MANCHESTER(MHT)
	..... (1)ACK V146 MVY V374 GON CCC	10000	NEW YORK(ISP)
	..... (5)ACK T216 SEY ORCHA CCC	10000	NEW YORK(ISP)
	..... (5)ACK T216 SEY ORCHA CCC V46 DPK	10000	NEW YORK(JFK)
	..... ACK V146 MVY V374 GON CCC V46 DPK	10000	NEW YORK(JFK)
	..... ACK V146 PVD V167 HFD V1 MAD BDR PRENO	10000	NEW YORK(LGA)
	..... ACK V146 PVD T255 NELIE T212 TRESA(GNSS EQUIPPED ONLY)	10000	NEW YORK(SWF)
	..... (1)ACK V146 PVD V167 HFD T315 SEALL V188 CMK V623 SAX	10000	NEWARK & SATS
	..... (3)ACK V146 PVD V167 HFD V3 CMK V623 SAX		NEWARK & SATS
	..... ACK FREDO	10000	NORWOOD(OWD)
	..... (1)ACK V146 MVY V374 GON CCC T224 JIIMS OOD	10000	PHILADELPHIA(PHL)
	..... ACK T216 SEY ORCHA T320 BRIGS ACY V184 OOD	10000	PHILADELPHIA(PHL)
	..... (1)ACK V146 MVY V374 GON CCC T224 DIXIE T438 ARD	10000	PHILADELPHIA(PNE)
	..... ACK T216 SEY ORCHA T320 MANTA T438 ARD	10000	PHILADELPHIA(PNE)
	..... FREDO BOS PEASE ENE	10000	PORTLAND(PWM)
	..... FREDO BOS PEASE	10000	PORTSMOUTH(PSM)
	..... ACK V146 PVD	10000	PROVIDENCE(PVD)
	..... (1)ACK V146 MVY V374 GON CCC T224 COLIN	10000	RICHMOND(RIC)
	..... ACK T216 SEY ORCHA T320 CHOPS T224 COLIN	10000	RICHMOND(RIC)
	..... ACK V146 ALB	10000	SYRACUSE(SYR)
	..... (1)ACK V146 MVY V374 GON CCC T224 DIXIE T438 ARD	10000	TRENTON(TTN)
	..... ACK T216 SEY ORCHA T320 MANTA T438 ARD	10000	TRENTON(TTN)
	..... (1)ACK V146 MVY V374 GON CCC	10000	WESTHAMPTON BEACH(FOK)
	..... (5)ACK T216 SEY ORCHA	10000	WESTHAMPTON BEACH(FOK)
	..... ACK V146 PVD V167 HFD V1 MAD BDR ALIXX RYMES	10000	WHITE PLAINS(HPN)

TOWER ENROUTE CONTROL

Approach Control Area (Including Satellites)	Route	Highest Altitude	Destination
NEW YORK(ISP)	..... MZY SEY V34 CREAM BDR ALIXX RYMES(WATER)	10000	WHITE PLAINS(HPN)
	..... ACK V146 PVD	10000	WINDSOR LOCKS(BDL)
	..... ACK V146 PUT	10000	WORCESTER(ORH)
	..... (1)ACK V146 MZY V374 GON CCC T224 CYN	10000	WRIGHTSTOWN(WRI)
	..... ACK T216 SEY ORCHA T320 DRIFT T416 CYN	10000	WRIGHTSTOWN(WRI)
	..... SAX V249 SBJ T430 ETX(NON-JETS/NON-TURBOPROPS ONLY)	8000	ALLENTOWN(ABE)
	..... (1)CCC T224 DIXIE T315 ACY	6000	ATLANTIC CITY(ACY)
	..... MAD HFD CLOWW(E, /F, /G ONLY)	10000	AUGUSTA(AUG)
	..... (1)CCC T224 DIXIE V1 LEEAH T358 SWANN	6000	BALTIMORE(BWI)
	..... (1)CCC T224 ENO T358 SWANN	4000	BALTIMORE(BWI)
	..... MAD HFD CLOWW(E, /F, /G ONLY)	10000	BANGOR(BGR)
	..... MAD HFD CLOWW(E, /F, /G ONLY)	10000	BAR HARBOR(BHB)
	..... DPK JFK COL	6000	BELMAR/FARMINGDA LE(BLM)
	..... ORCHA SEY	7000	BLOCK ISLAND(BID)
	..... ORCHA T320 YANTC T224 WOONS	9000	BOSTON(BOS)
	..... MAD V1 HFD HFD053 DREEM	9000	BOSTON(NORTH)
	..... BDR	4000	BRIDGEPORT(BDR)
	..... BDR JUDDS(E, /F, /G ONLY)	10000	BURLINGTON(BTV)
	..... (1)CCC T224 DIXIE V1 LEEAH T315 CHOPS T320 VAALI CAPKO	6000	CAMP SPRINGS(ADW)
	..... MAD HFD CLOWW(E, /F, /G ONLY)	10000	CONCORD(CON)
	..... ORCHA	3000	EAST HAMPTON(JPX)
	..... ORCHA MONDI	7000	GROTON (NEW LONDON)(GON)
	..... SAX V249 SBJ T430 ETX V162 HAR(NON-JETS/NON-TURBOPROPS ONLY)	8000	HARRISBURG(CXY)
	..... MAD V1 HFD	5000	HARTFORD(HFD)
	..... ORCHA WACKY PVD T393 GAILS	9000	HYANNIS(HYA)
	..... CCC	2000	ISLIP SATS
	..... BDR JUDDS WHATE(E, /F, /G ONLY)	10000	KEENE(EEN)
	..... SAX V249 SBJ LANNA T430 ETX V39 LRP(PROPS ONLY)	8000	LANCASTER(LNS)
	..... BDR JUDDS WHATE(E, /F, /G ONLY)	10000	LEBANON(LEB)
	..... MAD HFD CLOWW(E, /F, /G ONLY)	10000	MANCHESTER(MHT)
	..... MAD	5000	MERIDEN(MMK)
	..... (1)CCC T224 JIIMS	6000	MILLVILLE(MIV)
	..... (1)HTO SEY T216 NEWBE T300 DEEPO	9000	NANTUCKET(ACK)
	..... HTO V46 CLAMY(TWIN ENGINE)	9000	NANTUCKET(ACK)
	..... HTO WACKY(RNAV/GNSS REQUIRED)	9000	NEW BEDFORD(EWB)
	..... BDR	4000	NEW HAVEN(HVN)
	..... DPK	3000	NEW YORK(JFK)
	..... ORCHA NESSI	6000	NEW YORK(LGA)
	..... TRANZ	5000	NEW YORK(LGA)
	..... CMK V188 SAX	4000	NEWARK(EWR)
	..... (1)CCC T224 DIXIE V1 CCV	6000	NORFOLK(ORF)
	..... ORCHA WACKY(RNAV/GNSS REQUIRED)	9000	NORTH KINGSTOWN(OQU)
	..... (1)CCC T224 JIIMS OOD	6000	PHILADELPHIA(PHL)
	..... (1)CCC T224 DIXIE T438 ARD	6000	PHILADELPHIA(PNE)
	..... MAD HFD CLOWW(E, /F, /G ONLY)	10000	PORTLAND(PWM)
	..... MAD V1 HFD T315 GDM T314 MANCH(E, /F, /G ONLY)	10000	PORTSMOUTH(PSM)
	..... ORCHA WACKY PVD(RNAV/GNSS REQUIRED)	7000	PROVIDENCE(PVD)
	..... SAX V249 SBJ T430 ETX V39 FLOAT(NON-JETS/NON-TURBOPROPS ONLY)	8000	READING(RDG)
	..... (1)CCC T224 COLIN	4000	RICHMOND(RIC)
	..... (1)CCC T224 DIXIE V1 LEEAH T315 CHOPS T224 COLIN	6000	RICHMOND(RIC)
..... (1)CCC T224 DIXIE V1 SBY	6000	SALISBURY(SBY)	
..... ORCHA LIBBE FLAPE	9000	VINEYARD HAVEN(MVY)	
..... ORCHA WACKY V374 MZY	9000	VINEYARD HAVEN(MVY)	
..... (1)CCC T224 DIXIE V1 LEEAH T315 CHOPS T320 VAALI CAPKO	6000	WASHINGTON(DCA)	

TOWER ENROUTE CONTROL

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Approach Control Area (Including Satellites)	Route	Highest Altitude	Destination
NEW YORK(JFK)	..... (1)CCC T224 DIXIE V1 LEEAH T358 OBWON T356 TWIRK T358 MRB	040 OR 060	WASHINGTON(IAD)
	..... ORCHA T320 GON	9000	WESTERLY(WST)
	..... BDR RYMES	5000	WHITE PLAINS(HPN)
	..... ORCHA BDR RYMES	6000	WHITE PLAINS(HPN)
	..... (1)CCC T224 DIXIE T315 PANZE V44 SIE	6000	WILDWOOD(WWD)
	..... BDR	10000	WINDSOR LOCKS(BDL)
	..... MAD V1 GRAYM	9000	WORCESTER(ORH)
	..... (1)CCC T224 CYN	6000	WRIGHTSTOWN(WRI)
	..... SAX V249 SBJ T430	8000	ALLENTOWN(ABE)
	..... ETX(NON-JETS/NON-TURBOPROPS ONLY)		
	..... DIXIE T315 ACY(PROPS ONLY)	6000	ATLANTIC CITY(ACY)
	..... DIXIE V1 HOWIE(JETS ONLY)	8000	ATLANTIC CITY(ACY)
	..... BDR HFD CLOWW(E, /F, /G ONLY)	10000	AUGUSTA(AUG)
	..... DIXIE T224 ENO T358 SWANN(PROPS ONLY)	4000	BALTIMORE(BWI)
	..... DIXIE V1 LEEAH T358 SWANN(PROPS ONLY)	6000	BALTIMORE(BWI)
	..... BDR HFD CLOWW(E, /F, /G ONLY)	10000	BANGOR(BGR)
	..... BDR HFD CLOWW(E, /F, /G ONLY)	10000	BAR HARBOR(BHB)
	..... COL	2000	BELMAR/FARMINGDA LE(BLM)
	..... BDR CARLD V188 GON	9000	BLOCK ISLAND(BID)
	..... BDR HFD FOSTY WOONS(E, /F, /G, PROPS ONLY)	9000	BOSTON(BOS)
	..... BDR MAD CARLD ORW WOONS(JETS ONLY)	9000	BOSTON(BOS)
	..... EEGOR T315 HFD V3 WOONS(PROPS ONLY)	9000	BOSTON(BOS)
	..... BDR	3000	BRIDGEPORT(BDR)
	..... BDR JUDDS(E, /F, /G ONLY)	10000	BURLINGTON(BTV)
	..... DIXIE V1 LEEAH T315 CHOPS T320 VAALI CAPKO(PROPS ONLY)	6000	CAMP SPRINGS(ADW)
	..... BDR HFD CLOWW(E, /F, /G ONLY)	10000	CONCORD(CON)
	..... BDR MAD MAD126 MONDI	9000	GROTON (NEW LONDON)(GON)
	..... SAX V249 SBJ T430 ETX V162 HAR(NON-JETS/NON-TURBOPROPS ONLY)	8000	HARRISBURG(CXY)
	..... EEGOR T315 HFD	9000	HARTFORD(HFD)
	..... EEGOR T315 HFD V167 PVD T393 GAILS	9000	HYANNIS(HYA)
	..... BDR JUDDS WHATE(E, /F, /G ONLY)	10000	KEENE(EEN)
	..... SAX V249 SBJ T430 ETX V162 DUMMR T295 LRP(PROPS ONLY)	8000	LANCASTER(LNS)
	..... BDR JUDDS WHATE(E, /F, /G ONLY)	10000	LEBANON(LEB)
	..... BDR HFD CLOWW(E, /F, /G ONLY)	10000	MANCHESTER(MHT)
	..... BDR MAD	3000	MERIDEN(MMK)
	..... DIXIE T224 JIIMS(PROPS ONLY)	6000	MILLVILLE(MIV)
	..... BDR MAD CARLD V188 GON T216 NEWBE T300 DEEPO	10000	MANTUCKET(ACK)
	..... BDR CARLD V188 GON V374 MINNK	9000	NEW BEDFORD(EWB)
	..... CCC232 CCC(RADAR VECTOR, ILS 6 LOC)	3000	NEW YORK(ISP)
	..... RADAR VECTOR, ILS 6 LOC	3000	NEW YORK(ISP)
	..... DIRECT	2000	NEW YORK(LGA)
	..... COL V232 SBJ	3000	NEWARK(EWR)
	..... DIXIE V1(PROPS ONLY)	6000	NORFOLK(ORF)
	..... BDR CARLD V188 GON	9000	NORTH KINGSTOWN(OQU)
	..... DIXIE T224 JIIMS OOD(JETS ONLY)	8000	PHILADELPHIA(PHL)
..... DIXIE T224 JIIMS OOD(PROPS ONLY)	6000	PHILADELPHIA(PHL)	
..... DIXIE T438 ARD	4000	PHILADELPHIA(PNE)	
..... BDR HFD CLOWW(E, /F, /G ONLY)	10000	PORTLAND(PWM)	
..... BDR HFD T315 GDM T314 MANCH(E, /F, /G ONLY)	10000	PORTSMOUTH(PSM)	
..... BDR CARLD V188 GON(GREATER THAN 210 KTS IAS)	9000	PROVIDENCE(PVD)	
..... SAX V249 SBJ T430 ETX V39 FLOAT(NON-JETS/NON-TURBOPROPS ONLY)	8000	READING(RDG)	
..... DIXIE T224 COLIN(PROPS ONLY)	4000	RICHMOND(RIC)	
..... DIXIE V1 LEEAH T315 CHOPS T224 COLIN(PROPS ONLY)	6000	RICHMOND(RIC)	
..... DIXIE V1(PROPS ONLY)	6000	SALISBURY(SBY)	
..... BDR CARLD V188 GON V374 MVY	9000	VINEYARD HAVEN(MVY)	

TOWER ENROUTE CONTROL

Approach Control Area (Including Satellites)	Route	Highest Altitude	Destination
NEW YORK(LGA)	..... DIXIE V1 LEEAH T315 CHOPS T320 VAALI CAPKO(PROPS ONLY)	6000	WASHINGTON(DCA)
	..... DIXIE V1 LEEAH T358 OBWON T356 WOOLY MRB(NON-PRESSURIZED AIRCRAFT ONLY)	6000	WASHINGTON(IAD)
	..... BDR CARLD V188 GON	9000	WESTERLY(WST)
	..... DPK V483 CMK	2000	WHITE PLAINS(HPN)
	..... DIXIE T315 PANZE V44 SIE(PROPS ONLY)	6000	WILDWOOD(WWD)
	..... DIXIE V1 HOWIE(JETS ONLY)	8000	WILDWOOD(WWD)
	..... BDR	10000	WINDSOR LOCKS(BDL)
	..... BDR MAD V1 GRAYM	9000	WORCESTER(ORH)
	..... DIXIE T224 CYN	6000	WRIGHTSTOWN(WRI)
	..... SAX V249 SBJ T430 ETX	8000	ALLENTOWN(ABE)
	..... DIXIE T315 ACY(PROPS ONLY)	6000	ATLANTIC CITY(ACY)
	..... DIXIE V1 HOWIE(JETS ONLY)	8000	ATLANTIC CITY(ACY)
	..... BDR HFD CLOWW(E, /F, /G ONLY)	10000	AUGUSTA(AUG)
	..... SAX V249 SBJ LANNA T430 ETX V39 LRP T449 KITHE(PROPS ONLY)	8000	BALTIMORE(BWI)
	..... BDR HFD CLOWW(E, /F, /G ONLY)	10000	BANGOR(BGR)
	..... BDR HFD CLOWW(E, /F, /G ONLY)	10000	BAR HARBOR(BHB)
	..... JFK COL	6000	BELMAR/FARMINGDA LE(BLM)
	..... BDR CARLD V188 GON	9000	BLOCK ISLAND(BID)
	..... BDR HFD FOSTY WOONS(E, /F, /G, PROPS ONLY)	9000	BOSTON(BOS)
	..... EEGOR T315 HFD V3 WOONS	9000	BOSTON(BOS)
	..... BDR248 BDR(HELICOPTER ROUTE; RADAR VECTOR/POINTS NE)	5000	BRIDGEPORT(BDR)
	..... WRENN PUGGS EEGOR	5000	BRIDGEPORT(BDR)
	..... BDR JUDDS(E, /F, /G ONLY)	10000	BURLINGTON(BTV)
	..... SAX V249 SBJ LANNA T430 ETX V39 LRP V93 BAL(PROPS ONLY)	8000	CAMP SPRINGS(ADW)
	..... BDR HFD CLOWW(E, /F, /G ONLY)	10000	CONCORD(CON)
	..... BDR MAD MAD126 MONDI	9000	GROTON (NEW LONDON)(GON)
	..... SAX V249 SBJ T430 ETX V162 HAR	8000	HARRISBURG(CXY)
	..... EEGOR T315 HFD	9000	HARTFORD(HFD)
	..... EEGOR T315 HFD V167 PVD T393 GAILS	9000	HYANNIS(HYA)
	..... BDR JUDDS WHATE(E, /F, /G ONLY)	10000	KEENE(EEN)
	..... SAX V249 SBJ T430 ETX V162 DUMMR T295 LRP(PROPS ONLY)	7000	LANCASTER(LNS)
	..... BDR JUDDS WHATE(E, /F, /G ONLY)	10000	LEBANON(LEB)
	..... BDR HFD CLOWW(E, /F, /G ONLY)	10000	MANCHESTER(MHT)
	..... BDR MAD	5000	MERIDEN(MMK)
	..... DIXIE T224 JIIMS(PROPS ONLY)	6000	MILLVILLE(MIV)
	..... BDR MAD CARLD V188 GON T216 NEWBE T300 DEEPO	10000	NANTUCKET(ACK)
	..... BDR CARLD V188 GON V374 MINNK	9000	NEW BEDFORD(EWB)
	..... BDR248 CCC285 CCC	5000	NEW YORK(IISP)
	..... DPK	5000	NEW YORK(JFK)
	..... SBJ	3000	NEWARK(EWR)
	..... DIXIE V1(PROPS ONLY)	6000	NORFOLK(ORF)
	..... BDR CARLD V188 GON	9000	NORTH KINGSTOWN(OQU)
	..... BDR HFD CLOWW(E, /F, /G ONLY)	10000	PORTLAND(PWM)
	..... BDR HFD T315 GDM T314 MANCH(E, /F, /G ONLY)	10000	PORTSMOUTH(PSM)
	..... BDR CARLD V188 GON	9000	PROVIDENCE(PVD)
	..... SAX V249 SBJ T430 ETX V39 FLOAT	7000	READING(RDG)
	..... DIXIE T224 COLIN(PROPS ONLY)	4000	RICHMOND(RIC)
	..... DIXIE V1 LEEAH T315 CHOPS T224 COLIN(PROPS ONLY)	6000	RICHMOND(RIC)
	..... DIXIE V1(PROPS ONLY)	6000	SALISBURY(SBY)
	..... BDR CARLD V188 GON V374 MVY	9000	VINEYARD HAVEN(MVY)
..... SAX V249 SBJ LANNA T430 ETX V39 LRP V93 BAL(PROPS ONLY)	8000	WASHINGTON(DCA)	
..... SAX V249 SBJ LANNA T430 ETX V39 ROBR AML(PROPS ONLY)	8000	WASHINGTON(IAD)	
..... CMK	3000	WHITE PLAINS(HPN)	

TOWER ENROUTE CONTROL

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Approach Control Area (Including Satellites)	Route	Highest Altitude	Destination	
NEW YORK(SWF)	..... DIXIE T315 PANZE V44 SIE(PROPS ONLY)	6000	WILDWOOD(WWD)
	..... DIXIE V1 HOWIE(JETS ONLY)	8000	WILDWOOD(WWD)
	..... BDR	10000	WINDSOR LOCKS(BDL)
	..... BDR MAD V1 GRAYM	9000	WORCESTER(ORH)
	..... DIXIE T224 CYN	6000	WRIGHTSTOWN(WRI)
	..... STUBY V487 CANAN	10000	ALBANY(ALB)
	..... STUBY BAF T314 ENE	10000	AUGUSTA(AUG)
	..... STUBY BAF T314 ENE T295 BGR	10000	BANGOR(BGR)
	..... STUBY BAF T314 ENE	10000	BAR HARBOR(BHB)
	..... PWL HFD V3 WOONS	10000	BOSTON(BOS)
	..... PWL BAF	10000	BRADLEY(BAF, CEF)
	..... STUBY V487 CAM	10000	BURLINGTON(BTV)
	..... STUBY BAF T314 GDM	10000	CONCORD(CON)
	..... PWL HFD GON	10000	GROTON (NEW LONDON)(GON)
	..... PWL PWL111 BRISS	10000	HARTFORD(HFD)
	..... PWL HFD V167 PVD T393 GAILS	10000	HYANNIS(HYA)
	..... STUBY	10000	KEENE(EEN)
	..... STUBY	10000	LEBANON(LEB)
	..... STUBY BAF T314 GDM MANCH	10000	MANCHESTER(MHT)
	..... PWL HFD T216 NEWBE T300 DEEPO	10000	NANTUCKET(ACK)
	..... PWL HFD V3 WOONS	10000	NORWOOD(OWD)
	..... STUBY BAF T314 ENE	10000	PORTLAND(PWM)
	..... STUBY BAF T314 MANCH(E, /F, /G ONLY)	10000	PORTSMOUTH(PSM)
	..... PWL HFD V167 PVD	10000	PROVIDENCE(PVD)
	..... PWL HFD V167 PVD T393 GAILS	10000	PROVINCETOWN(PVC)
	..... WEARD DNY	10000	SYRACUSE(SYR)
	..... PWL HFD V374 MVY	10000	VINEYARD HAVEN(MVY)
	..... PWL PWL111 BRISS	10000	WINDSOR LOCKS(BDL)
	NEWARK(EWR) PWL BAF	10000	WORCESTER(ORH)
	 LANNA T430 ETX(JETS ONLY)	8000	ALLENTOWN(ABE)
	 LANNA T430 ETX(PROPS ONLY)	6000	ALLENTOWN(ABE)
	 DIXIE T315 ACY(PROPS ONLY)	6000	ATLANTIC CITY(ACY)
	 DIXIE V1 HOWIE(JETS ONLY)	8000	ATLANTIC CITY(ACY)
	 BREZY V39 CMK V3 HFD CLOWW(E, /F, /G ONLY)	10000	AUGUSTA(AUG)
	 LANNA T430 ETX V39 LRP T449 KITHE(PROPS ONLY; PROPS 210 KTS OR GREATER-8000)	6000	BALTIMORE(BWI)
	 BREZY V39 CMK V3 HFD CLOWW(E, /F, /G ONLY)	10000	BANGOR(BGR)
	 BREZY V39 CMK V3 HFD CLOWW(E, /F, /G ONLY)	10000	BAR HARBOR(BHB)
	 COL	2000	BELMAR/FARMINGDA LE(BLM)
	 (2)BREZY V39 CMK V3 HFD GON	9000	BLOCK ISLAND(BID)
	 BREZY V39 CMK V3 HFD T216 GON(GREATER THAN 210 KTS IAS)	9000	BLOCK ISLAND(BID)
	 (2)BREZY V39 CMK V3 WOONS	9000	BOSTON(BOS)
	 BREZY V39 CMK V3 HFD FOSTY WOONS(E, /F, /G, PROPS ONLY)	9000	BOSTON(BOS)
	 EEGOR T315 HFD V3 WOONS(PROPS 210 KTS OR GREATER)	9000	BOSTON(BOS)
	 BREZY V39 CMK V374 DENNA(PROPS ONLY)	6000	BRIDGEPORT(BDR)
	 WRENN PUGGS EEGOR(JETS ONLY)	5000	BRIDGEPORT(BDR)
..... BREZY V39 CMK SOARS JUDDS(E, /F, /G ONLY)		10000	BURLINGTON(BTV)	
..... BREZY V39 CMK V3 HFD CLOWW(E, /F, /G ONLY)		10000	CONCORD(CON)	
..... BREZY V39 CMK		3000	DANBURY(DXR)	
..... (2)BREZY V39 CMK V3 HFD GON		9000	GROTON (NEW LONDON)(GON)	
..... BDR MAD MAD126 MONDI(210 KTS +)		9000	GROTON (NEW LONDON)(GON)	
..... SBJ LANNA T430 ETX V162 HAR(PROPS 210 KTS OR GREATER)		8000	HARRISBURG(CXY)	
..... SBJ LANNA T430 ETX V162 HAR(PROPS ONLY)		6000	HARRISBURG(CXY)	
..... LANNA T430 ETX T299 HAR(PROPS ONLY; PROPS 210 KTS OR GREATER-8000)		6000	HARRISBURG(MDT)	
..... BREZY V39 CMK V3 HFD(LESS THAN 210 KTS IAS)		9000	HARTFORD(HFD)	
..... EEGOR T315 HFD(GREATER THAN 210 KTS IAS)		9000	HARTFORD(HFD)	

NE, 25 JAN 2024 to 21 MAR 2024

TOWER ENROUTE CONTROL

Approach Control Area (Including Satellites)	Route	Highest Altitude	Destination
.....	LANNA T430 ETX(PROPS ONLY; PROPS 210 KTS OR GREATER-8000)	6000	HAZLETON(HZL)
.....	BREZY V39 CMK V3 HFD V167 PVD T393 GAILS(LESS THAN 210 KTS IAS)	9000	HYANNIS(HYA)
.....	EEGOR T315 HFD V167 PVD T393 GAILS(GREATER THAN 210 KTS IAS)	9000	HYANNIS(HYA)
.....	BREZY V39 CMK SOARS JUDDS WHATE(/E, /F, /G ONLY)	10000	KEENE(EEN)
.....	LANNA T430 ETX V39 LRP(PROPS ONLY; PROPS 210 KTS OR GREATER-8000)	6000	LANCASTER(LNS)
.....	BREZY V39 CMK SOARS JUDDS WHATE(/E, /F, /G ONLY)	10000	LEBANON(LEB)
.....	DIXIE T224 CHOPS T315 KONRD(PROPS ONLY)	4000	LYNCHBURG(LYH)
.....	DIXIE V1 LEEAH T315 CHOPS T224 COLIN(PROPS ONLY)	6000	LYNCHBURG(LYH)
.....	BREZY V39 CMK V3 HFD CLOWW(/E, /F, /G ONLY)	10000	MANCHESTER(MHT)
.....	(2)BREZY V39 CMK V3 YALER	5000	MERIDEN(MMK)
.....	BDR MAD	5000	MERIDEN(MMK)
.....	DIXIE T224 JIIMS(PROPS ONLY)	6000	MILLVILLE(MIV)
.....	BREZY V39 CMK V374 BETHA HTO	6000	MONTAUK(MTP)
.....	SAX V213 HELON	4000	MONTICELLO(MSV)
.....	BREZY V39 CMK V3 HFD T216 NEWBE T300 DEEPO	10000	NANTUCKET(ACK)
.....	BREZY V39 CMK V3 HFD V167 PVD(GREATER THAN 210 KTS IAS)	9000	NEW BEDFORD(EWB)
.....	BREZY V39 CMK V3 HFD V167 PVD(LESS THAN 210 KTS IAS)	9000	NEW BEDFORD(EWB)
.....	(2)BREZY V39 CMK V374 DENNA BDR CCC	6000	NEW YORK(ISP)
.....	BDR248 CCC285 CCC(JETS ONLY; RADAR VECTOR)	5000	NEW YORK(ISP)
.....	COL JFK(EWR DEP 22 & EWRS)	4000	NEW YORK(JFK)
.....	DPK282(EWR DEP 4 & EWRN)	5000	NEW YORK(JFK)
.....	SAX SAX022 MANEE	4000	NEW YORK(SWF)
.....	DIXIE V1(PROPS ONLY)	6000	NORFOLK(ORF)
.....	BREZY V39 CMK V3 HFD T216 GON(GREATER THAN 210 KTS IAS)	9000	NORTH KINGSTOWN(OQU)
.....	BREZY V39 CMK V3 HFD V167 PVD(LESS THAN 210 KTS IAS)	9000	NORTH KINGSTOWN(OQU)
.....	DIXIE V1(PROPS ONLY)	6000	NORTH MYRTLE BEACH(CRE)
.....	BREZY V39 CMK V374 DENNA	6000	OXFORD(OCX)
.....	(4)BIGGY V3 MAZIE(ALL OTHER PROPS-4000)	8000	PHILADELPHIA(PHL)
.....	BIGGY V3 MAZIE	4000	PHILADELPHIA(PNE)
.....	BREZY V39 CMK V3 HFD CLOWW(/E, /F, /G ONLY)	10000	PORTLAND(PWM)
.....	BREZY V39 CMK V3 HFD T315 GDM T314 MANCH(/E, /F, /G ONLY)	10000	PORTSMOUTH(PSM)
.....	SBJ BIGGY V3 MAZIE	4000	POTTSTOWN(PTW)
.....	SAX V213 HELON	4000	POUGHKEEPSIE(POU)
.....	BREZY V39 CMK V3 HFD V167 PVD(GREATER THAN 210 KTS IAS)	9000	PROVIDENCE(PVD)
.....	BREZY V39 CMK V3 HFD V167 PVD(LESS THAN 210 KTS IAS)	9000	PROVIDENCE(PVD)
.....	DIXIE T224 TAPPA RIC V157 LVL V155 RDU(PROPS ONLY)	4000	RALEIGH/DURHAM(RDU)
.....	DIXIE V1 LEEAH T315 CHOPS T224 TAPPA HOUKY MEYER V66 RDU(PROPS ONLY)	6000	RALEIGH/DURHAM(RDU)
.....	(4)LANNA T430 ETX(ALL OTHER PROPS-6000)	8000	READING(RDG)
.....	DIXIE T224 COLIN(PROPS ONLY)	4000	RICHMOND(RIC)
.....	DIXIE V1 LEEAH T315 CHOPS T224 COLIN(PROPS ONLY)	6000	RICHMOND(RIC)
.....	DIXIE V1(PROPS ONLY)	6000	SALISBURY(SBY)
.....	BIGGY V3 MAZIE	4000	TRENTON(TTN)
.....	BREZY V39 CMK V3 HFD GON V374 MVY(LESS THAN 210 KTS IAS)	9000	VINEYARD HAVEN(MVY)
.....	BREZY V39 CMK V3 HFD T216 GON V374 MVY(210 KTS)	9000	VINEYARD HAVEN(MVY)
.....	LANNA T430 ETX V39 LRP V93 BAL(PROPS ONLY; PROPS 210 KTS OR GREATER-8000)	6000	WASHINGTON(DCA)

TOWER ENROUTE CONTROL

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Approach Control Area (Including Satellites)	Route	Highest Altitude	Destination
	..... LANNA T430 ETX V39 ROBR T AML(PROPS ONLY; PROPS 210 KTS OR GREATER-8000)	6000	WASHINGTON(IAD)
	..... BREZY V39 CMK V374 BETHA HTO	6000	WESTHAMPTON BEACH(FOK)
	..... BREZY	3000	WHITE PLAINS(HPN)
	..... DIXIE T315 PANZE V44 SIE(PROPS ONLY)	6000	WILDWOOD(WWD)
	..... DIXIE V1 HOWIE(JETS ONLY)	8000	WILDWOOD(WWD)
	..... (4)BIGGY V3 MAZIE(ALL OTHER PROPS-4000)	8000	WILMINGTON(ILG)
	..... BDR(JETS ONLY)	10000	WINDSOR LOCKS(BDL)
	..... BREZY V39 CMK V419 JUDDS(PROPS ONLY)	9000	WINDSOR LOCKS(BDL)
	..... BDR MAD V1 GRAYM(GREATER THAN 210 KTS IAS)	9000	WORCESTER(ORH)
	..... BREZY V39 CMK V3 HFD V1 GRAYM(LESS THAN 210 KTS IAS)	9000	WORCESTER(ORH)
	..... DIXIE T224 CYN	6000	WRIGHTSTOWN(WRI)
NORFOLK(ORF)	..... HCM T291 COLIN	12000	PATUXENT RIVER(NHK)
	..... HPW RIC(WEST BND ONLY)	9000	RICHMOND(RIC)
	..... CCV V1 SBY	5000	SALISBURY(SBY)
	..... HCM SVILL	7000	WASHINGTON(DCA)
PATUXENT RIVER(NHK)	..... SBY V1 PEAPS	5000	ATLANTIC CITY(ACY)
	..... SHLBK T224 CHOPS T315 LEEAH	5000	ATLANTIC CITY(ACY)
	..... SWL V139 RADD S WNSTN T320 AVALO	5000	ATLANTIC CITY(ACY)
	..... SBY CHOPS GRACO	6000	BALTIMORE(BWI)
	..... SHLBK T295 GRACO	5000	BALTIMORE(BWI)
	..... SBY V1 ATR	5000	DOVER(DOV)
	..... SBY V29 ENO	5000	DOVER(DOV)
	..... SHLBK T224 ENO	5000	DOVER(DOV)
	..... SBY V1 CCV	6000	NORFOLK(ORF)
	..... SWL V139 CCV	6000	NORFOLK(ORF)
	..... WHINO COLIN T291 FAGED V286 STEIN	5000	NORFOLK(ORF)
	..... SBY V29 DQO	5000	PHILADELPHIA(PHL)
	..... SHLBK T224 ENO V29 DQO	5000	PHILADELPHIA(PHL)
	..... SHLBK T224 COLIN	6000	RICHMOND(RIC)
	..... SBY CHURK CAPKO	4000	WASHINGTON(DCA)
	..... SHLBK ARUYE CAPKO	4000	WASHINGTON(DCA)
PHILADELPHIA(PHL)	..... FJC	4000	ALLENTOWN(ABE)
	..... OOD VCN V184 ACY	3000	ATLANTIC CITY(ACY)
	..... DQO BAINS TRISH (RNAV)-STAR(TURBOJETS ONLY)	10000	BALTIMORE(BWI)
	..... DQO V166 BELAY V378 BAL(PROPS ONLY)	6000/80 00	BALTIMORE(BWI)
	..... DQO V29 ENO	4000	DOVER(DOV)
	..... OOD ENO	4000	DOVER(DOV)
	..... MXE V184 PADRE JOANE V469 HAR	6000	HARRISBURG(CXY)
	..... MXE HABER LRP	4000	LANCASTER(LNS)
	..... ARD T438 DIXIE T224 JFK(SINGLE ENGINE PROPS/TURBOPROPS ONLY)	5000	NEW YORK(JFK)
	..... OOD RIDNG T416 CYN T224 DIXIE T438 ZIGGI(MULTI-ENGINE PROPS/TURBOPROPS ONLY)	5000	NEW YORK(JFK)
	..... OOD RIDNG T416 CYN T224 JFK(SINGLE ENGINE PROPS/TURBOPROPS ONLY)	5000	NEW YORK(JFK)
	..... RBV T438 ZIGGI(MULTI-ENGINE PROPS/TURBOPROPS ONLY)	5000	NEW YORK(JFK)
	..... RBV V123 PROUD(JETS ONLY)	8000	NEW YORK(LGA)
	..... ARD METRO(NON-TURBOJETS ONLY)	5000	NEWARK(EWR)
	..... ARD METRO(TURBOJETS ONLY)	7000	NEWARK(EWR)
	..... MXE HUMEL	4000	READING(RDG)
	..... MXE V3 SBJ	4000	TETERBORO(TEB)
	..... DQO V166 BELAY V378 CLIPR CLIPR (RNAV)-STAR(TURBOJETS ONLY)	8000	WASHINGTON(DCA)
	..... MXE V408 VINNY V93 BAL	8000	WASHINGTON(DCA)
	..... MXE V408 ROBR T AML	8000	WASHINGTON(IAD)
	..... FJC STW SAX V39 BREZY	5000	WHITE PLAINS(HPN)

Approach Control Area (Including Satellites)	Route	Highest Altitude	Destination
	..... FJC LVZ	5000	WILKES-BARRE/SCRA NTON(AVP)
PORTLAND(PWM)	..... CON CAM	10000	ALBANY(ALB)
	..... ENE LWRNC	10000	BEDFORD & NORTH SATS
	..... (3)ENE PEASE STEVO LWRNC	10000	BOSTON(BOS)
	..... (5)ENE V167 SCUPP	10000	BOSTON(BOS)
	..... CLOWW WITNY HFD(RNAV ONLY)	10000	BRIDGEPORT(BDR)
	..... CLOWW WITNY HFD V1 MAD BDR ALIXX RYMES(RNAV ONLY)	10000	DANBURY(DXR)
	..... CLOWW WITNY HFD V1 DPK	10000	FARMINGDALE(FRG)
	..... ENE T314 GDM T320 YANTC	10000	GROTON (NEW LONDON)(GON)
	..... CLOWW WITNY HFD(RNAV ONLY)	10000	HARTFORD(HFD)
	..... ENE V139 TONNI	10000	HYANNIS(HYA)
	..... ENE V139 TONNI	10000	NANTUCKET(ACK)
	..... CLOWW WITNY HFD(RNAV ONLY)	10000	NEW HAVEN(HVN)
	..... CLOWW WITNY HFD V1 BELTT	10000	NEW YORK(IISP)
	..... CLOWW WITNY HFD V1 DPK	10000	NEW YORK(JFK)
	..... ENE T314 BAF VEERS T212 TRESA(GNSS EQUIPPED ONLY)	10000	NEW YORK(SWF)
	..... CLOWW WITNY HFD T315 SEALL V188 CMK V623 SAX(RNAV ONLY)	10000	NEWARK & SATS
	..... CLOWW WITNY HFD V3 CMK V623 SAX(RNAV ONLY)	10000	NEWARK & SATS
	..... ENE LWRNC	10000	NORWOOD(OWD)
	..... CLOWW WITNY HFD(RNAV ONLY)	10000	OXFORD(OXC)
	..... (1)CLOWW WITNY HFD MAD JAFFY T224 JIIMS OOD	10000	PHILADELPHIA(PHL)
	..... CLOWW WITNY HFD MAD BEADS T320 BRIGS V184 OOD	10000	PHILADELPHIA(PHL)
	..... (1)ENE T314 GDM T320 MOGUL YANTC T224 DIXIE T438 ARD	10000	PHILADELPHIA(PNE)
	..... CLOWW WITNY HFD MAD BEADS T320 MANTA T438 ARD	10000	PHILADELPHIA(PNE)
	..... ENE V139 BURDY	10000	PROVIDENCE(PVD)
	..... ENE V139 TONNI	10000	PROVINCETOWN(PVC)
	..... ENE V139 TONNI	10000	VINEYARD HAVEN(MVY)
	..... CLOWW WITNY HFD V1 MAD BDR ALIXX RYMES(RNAV ONLY)	10000	WHITE PLAINS(HPN)
	..... CLOWW WITNY(RNAV ONLY)	10000	WINDSOR LOCKS(BDL)
	..... CLOWW SPENO	10000	WORCESTER(ORH)
PORTSMOUTH(PSM)	..... MANCH T314 BAF SASHA T295 LAAYK(GNSS EQUIPPED ONLY)	10000	ALLENTOWN(ABE)
	..... CLOWW WITNY HFD MAD BEADS T320 BRIGS	10000	ATLANTIC CITY(ACY)
	..... GDM YANTC T224 JFK T315 ACY	10000	ATLANTIC CITY(ACY)
	..... CLOWW WITNY HFD MAD BEADS T320 AVALO T358 SWANN	8000	BALTIMORE(BWI)
	..... GDM YANTC T224 ENO T358 SWANN	8000	BALTIMORE(BWI)
	..... MANCH T314 BAF SASHA T295 LRP V93 BAL(GNSS EQUIPPED ONLY)	10000	BALTIMORE(BWI)
	..... LWRNC	10000	BEDFORD(BED)
	..... CLOWW WITNY HFD MAD BEADS T320 MANTA T438 DIXIE	10000	BELMAR/FARMINGDA LE(BLM)
	..... GDM YANTC T224 JFK COL	10000	BELMAR/FARMINGDA LE(BLM)
	..... STEVO LWRNC	10000	BOSTON(BOS)
	..... CLOWW WITNY HFD(RNAV ONLY)	10000	BRIDGEPORT(BDR)
	..... CLOWW WITNY HFD V1 MAD BDR ALIXX RYMES(RNAV ONLY)	10000	DANBURY(DXR)
	..... CLOWW WITNY HFD MAD BEADS T320 AVALO T358 ENO	10000	DOVER(DOV)
	..... GDM YANTC T224 ENO	10000	DOVER(DOV)
	..... CLOWW WITNY HFD V1 DPK	10000	FARMINGDALE(FRG)
 MANCH T314 GDM T320 YANTC	10000	GROTON (NEW LONDON)(GON)

TOWER ENROUTE CONTROL

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Approach Control Area
(Including Satellites)

Route	Highest Altitude	Destination
..... MANCH T314 BAF SASHA T295 DUMMR T299 HAR(GNSS EQUIPPED ONLY)	10000	HARRISBURG(MDT)
..... CLOWW WITNY HFD(RNAV ONLY)	10000	HARTFORD(HFD)
..... EXALT V139 TONNI	10000	HYANNIS(HYA)
..... MANCH T314 BAF SASHA T295 LRP(GNSS EQUIPPED ONLY)	10000	LANCASTER(LNS)
..... EXALT V139 TONNI	10000	NANTUCKET(ACK)
..... CLOWW WITNY HFD(RNAV ONLY)	10000	NEW HAVEN(HVN)
..... CLOWW WITNY HFD V1 BELTT	10000	NEW YORK(ISP)
..... CLOWW WITNY HFD V1 DPK	10000	NEW YORK(JFK)
..... (3)CLOWW WITNY HFD V1 MAD BDR PRENO LGA	10000	NEW YORK(LGA)
..... MANCH T314 BAF VEERS T212 TRESA(GNSS EQUIPPED ONLY)	10000	NEW YORK(SWF)
..... CLOWW WITNY HFD T315 SEALL V188 CMK V623 SAX(RNAV ONLY)	10000	NEWARK & SATS
..... CLOWW WITNY HFD V3 CMK V623 SAX(RNAV ONLY)	10000	NEWARK & SATS
..... CLOWW WITNY HFD MAD BEADS T320 WNSTN RADD5 V139 CCV	10000	NORFOLK(ORF)
..... GDM YANTC T224 JFK V1 CCV	10000	NORFOLK(ORF)
..... LWRNC	10000	NORWOOD(OWD)
..... CLOWW WITNY HFD(RNAV ONLY)	10000	OXFORD(OCX)
..... CLOWW WITNY HFD MAD BEADS T320 BRIGS V184 OOD	10000	PHILADELPHIA(PHL)
..... GDM YANTC T224 JIIMS OOD	10000	PHILADELPHIA(PHL)
..... CLOWW WITNY HFD MAD BEADS T320 MANTA T438 ARD	10000	PHILADELPHIA(PNE)
..... GDM YANTC T224 DIXIE T438 ARD	10000	PHILADELPHIA(PNE)
..... MANCH T314 BAF SASHA T295 LAAYK T216 PSB GRACE(GNSS EQUIPPED ONLY)	10000	PITTSBURGH(PIT)
..... KEYNN CTR	10000	PITTSFIELD(PSF)
..... MANCH T314 GDM T393 PVD	10000	PROVIDENCE(PVD)
..... EXALT V139 TONNI	10000	PROVINCETOWN(PVC)
..... CLOWW WITNY HFD MAD BEADS T320 AVALO T358 ENO T224 COLIN	10000	RICHMOND(RIC)
..... GDM YANTC T224 COLIN	10000	RICHMOND(RIC)
..... CAM T316 LAMMS	10000	SYRACUSE(SYR)
..... CLOWW WITNY HFD MAD BEADS T320 MANTA T438 ARD	10000	TRENTON(TTN)
..... GDM YANTC T224 DIXIE T438 ARD	10000	TRENTON(TTN)
..... EXALT V139 TONNI	10000	VINEYARD HAVEN(MVY)
..... MANCH T314 GDM T320 ORCHA	10000	WESTHAMPTON BEACH(FOK)
..... (5)MANCH T314 BAF SASHA STUBY PWL IGN V157 HAARP	10000	WHITE PLAINS(HPN)
..... CLOWW WITNY HFD V1 MAD BDR ALIXX RYMES(RNAV ONLY)	10000	WHITE PLAINS(HPN)
..... CLOWW WITNY HFD MAD BEADS T320 WNSTN	10000	WILDWOOD(WWD)
..... GDM YANTC T224 JFK T315 PANZE V44 SIE	10000	WILDWOOD(WWD)
..... MANCH T314 BAF SASHA T295 LAAYK(GNSS EQUIPPED ONLY)	10000	WILKES-BARRE/SCRA NTON(AVP)
..... CLOWW WITNY(RNAV ONLY)	10000	WINDSOR LOCKS(BDL)
..... CLOWW SPENO	10000	WORCESTER(ORH)
..... PUT ALB	10000	ALBANY(ALB)
..... HFD PWL HUU T299 FJC	5000	ALLENTOWN(ABE)
..... (1)YANTC T224 JFK T315 ACY	10000	ATLANTIC CITY(ACY)
..... WOONS BOS PEASE ENE	10000	AUGUSTA(AUG)
..... (1)YANTC T224 ENO T358 SWANN	8000	BALTIMORE(BWI)
..... WOONS BOS PEASE ENE	10000	BANGOR(BGR)
..... WOONS BOS PEASE ENE	10000	BAR HARBOR(BHB)
..... WOONS	10000	BEDFORD & NORTH SATS
..... (3)WOONS	10000	BOSTON(BOS)
..... (5)PUTNM T393 INNDY	10000	BOSTON(BOS)
..... HFD	10000	BRIDGEPORT(BDR)
..... PUTNM ALB T608 WOZEE	10000	BUFFALO(BUF)

PROVIDENCE(PVD)

Approach Control Area (Including Satellites)	Route	Highest Altitude	Destination
	..... PUTNM T393 GDM T315 BTV	10000	BURLINGTON(BTV)
	..... WOONS MANCH	10000	CONCORD(CON)
	..... (3)HFD V1 MAD BDR ALIXX RYMES	10000	DANBURY(DXR)
	..... (5)PUT BAF IGN V157 HAARP	10000	DANBURY(DXR)
	..... (1)YANTC T224 ENO	10000	DOVER(DOV)
	..... PUT CTR V270 ULW	10000	ELMIRA/CORNING(EL M)
	..... PUT CTR V270 ULW JHW		ERIE(ERI)
	..... YANTC T224 CCC V46 DPK	10000	FARMINGDALE(FRG)
	..... HFD PWL HUO T299 FJC	5000	HARRISBURG(MDT)
	..... HFD	10000	HARTFORD(HFD)
	..... PUTNM T393 GAILS	10000	HYANNIS(HYA)
	..... PUTNM T393 KEYNN	10000	KEENE(EEN)
	..... PUTNM T393 LBNON	10000	LEBANON(LEB)
	..... WOONS	10000	MANCHESTER(MHT)
	..... PVD CLAMY	10000	NANTUCKET(ACK)
	..... HFD	10000	NEW HAVEN(HVN)
	..... SEY HTO V46 CCC	10000	NEW YORK(I SP)
	..... YANTC T224 CCC V46 DPK	10000	NEW YORK(JFK)
	..... PVD V167 HFD V1 MAD BDR PRENO	10000	NEW YORK(LGA)
	..... PVD T255 NELIE T212 TRESA(GNSS EQUIPPED ONLY)	10000	NEW YORK(SWF)
	..... (1)PVD V167 HFD T315 SEALL V188 CMK V623 SAX	10000	NEWARK & SATS
	..... (3)PVD V167 HFD V3 CMK V623 SAX	10000	NEWARK & SATS
	..... WOONS	10000	NORWOOD & SOUTH SATS
	..... HFD	10000	OXFORD(OCX)
	..... (1)YANTC T224 JIIMS OOD	10000	PHILADELPHIA(PHL)
	..... (1)YANTC T224 DIXIE T438 ARD	10000	PHILADELPHIA(PNE)
	..... WOONS BOS PEASE ENE	10000	PORTLAND(PWM)
	..... WOONS BOS	10000	PORTSMOUTH(PSM)
	..... PUTNM T393 GAILS	10000	PROVINCETOWN(PVC)
	..... (1)YANTC T224 COLIN	10000	RICHMOND(RIC)
	..... PUT ALB	10000	ROCHESTER(ROC)
	..... PUT ALB	10000	SYRACUSE(SYR)
	..... (1)YANTC T224 DIXIE T438 ARD	10000	TRENTON(TTN)
	..... PVD V167 TUTOR	10000	VINEYARD HAVEN(MVY)
	..... SEY HTO V46 CCC	10000	WESTHAMPTON BEACH(FOK)
	..... PVD V167 HFD V1 MAD BDR ALIXX RYMES	10000	WHITE PLAINS(HPN)
	..... HFD PWL V34 WEETS T212 LVZ	6000	WILKES-BARRE/SCRA NTON(AVP)
	..... PVD	10000	WINDSOR LOCKS(BDL)
	..... PUT	10000	WORCESTER(ORH)
	..... (1)YANTC T224 CYN	10000	WRIGHTSTOWN(WRI)
READING(RDG)	..... ETX	3000	ALLENTOWN(ABE)
	..... BOYER V12 HAR	4000	HARRISBURG(CXY)
	..... BOYER V39 LRP	4000	LANCASTER(LNS)
	..... FJC BWZ	5000	NEWARK(EWR)
	..... MXE355 BUNTS	5000	PHILADELPHIA(PHL)
	..... PTW	5000	PHILADELPHIA(PNE)
	..... DUMMR T295 LVZ	5000	WILKES-BARRE/SCRA NTON(AVP)
	..... MXE V29 DQO	4000	WILMINGTON(ILG)
RICHMOND(RIC)	..... ZUNAR OJAAY IRONS IRONS-STAR	8000	WASHINGTON(DCA)
ROME(RME)	..... LAMMS T316 GALWA	10000	ALBANY(ALB)
	..... LAMMS T608 ALB	10000	ALBANY(ALB)
	..... SYR V35 ULW	8000	ELMIRA/CORNING(EL M)
	..... LAMMS T608 SYR	10000	SYRACUSE(SYR)
SYRACUSE(SYR)	..... SYR T608 LOBBY	10000	BEDFORD(BED)
	..... SYR V29 CFB	6000	BINGHAMTON(BGM)
	..... SYR T608 REVER	10000	BOSTON(BOS)
 RKA V433 PETER V270 ATHOS V44 DENNA	10000	BRIDGEPORT(BDR)

TOWER ENROUTE CONTROL

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Approach Control Area (Including Satellites)	Route	Highest Altitude	Destination
	..... (3)RKA V433 TRESA V123 HAARP	10000	DANBURY(DXR)
	..... SYR V35 ULW	6000	ELMIRA/CORNING(EL M)
	..... V29	6000	ELMIRA/CORNING(EL M)
	..... ALB T300 STELA	10000	GROTON (NEW LONDON)(GON)
	..... ALB	10000	HARTFORD(HFD)
	..... ALB CTR PVD T393 GAILS	10000	HYANNIS(HYA)
	..... ALB CTR PVD V405 MZY	10000	NANTUCKET(AK)
	..... SYR T608 LOBBY	10000	NORWOOD(OWD)
	..... CAM CON	10000	PORTLAND(PWM)
	..... ALB CTR PVD	10000	PROVIDENCE(PVD)
	..... ALB CTR PVD T393 GAILS	10000	PROVINCETOWN(PVC)
	..... SYR ROC	10000	ROCHESTER(ROC)
	..... ALB CTR PVD V405 MZY	10000	VINEYARD HAVEN(MZY)
	..... ALB	10000	WINDSOR LOCKS(BDL)
	..... ALB T300 STELA	10000	WORCESTER(ORH)
TETERBORO(TEB)	..... BREZY V39 CMK V3 HFD T315 GDM T314 MANCH(E, /F, /G ONLY)	10000	PORTSMOUTH(PSM)
VINEYARD HAVEN(MZY)	..... PVD V146	10000	ALBANY(ALB)
	..... (1)MZY V374 GON CCC T224 JFK T315 ACY	10000	ATLANTIC CITY(ACY)
	..... (1)NEWBE T216 SEY ORCHA T320 BRIGS	10000	ATLANTIC CITY(ACY)
	..... (1)MZY V374 GON CCC T224 ENO T358 SWANN	8000	BALTIMORE(BWI)
	..... NEWBE T216 SEY ORCHA T320 AVALO T358 SWANN	8000	BALTIMORE(BWI)
	..... FREDO BOS PEASE ENE	10000	BAR HARBOR(BHB)
	..... FREDO	10000	BOSTON & SATS
	..... MZY V374 DENNA	10000	BRIDGEPORT(BDR)
	..... NEWBE T216 SEY ORCHA KEYED	10000	BRIDGEPORT(BDR)
	..... PVD V146 ALB T608 WOZEE	10000	BUFFALO(BUF)
	..... PVD T393 GDM T315 BTV	10000	BURLINGTON(BTV)
	..... FREDO MANCH	10000	CONCORD(CON)
	..... (2)PVD HFD V1 MAD BDR ALIXX RYMES	10000	DANBURY(DXR)
	..... (5)MZY V146 BAF IGN V157 HAARP	10000	DANBURY(DXR)
	..... SEY V34 CREAM BDR ALIXX RYMES	10000	DANBURY(DXR)
	..... (1)MZY V374 GON CCC T224 ENO	10000	DOVER(DOV)
	..... (1)NEWBE T216 SEY ORCHA T320 AVALO T358 ENO	10000	DOVER(DOV)
	..... PVD V146 CTR V270 ULW	10000	ELMIRA/CORNING(EL M)
	..... PVD V146 CTR V270 ULW JHW		ERIE(ERI)
	..... MZY MZY230 V34 SEY HTO V46 DPK	10000	FARMINGDALE(ERG)
	..... V374 GON CCC V46 DPK	10000	FARMINGDALE(ERG)
	..... NEWBE T216 HFD	10000	HARTFORD(HFD)
	..... PVD T393 KEYNN	10000	KEENE(EEN)
	..... PVD T393 GDM	10000	LEBANON(LEB)
	..... FREDO BOS MANCH	10000	MANCHESTER(MHT)
	..... (1)V374 GON CCC	10000	NEW YORK(ISP)
	..... (5)NEWBE T216 SEY ORCHA CCC	10000	NEW YORK(ISP)
	..... MZY V374 GON CCC V46 DPK	10000	NEW YORK(JFK)
	..... NEWBE T216 SEY ORCHA CCC V46 DPK	10000	NEW YORK(JFK)
	..... PVD V167 HFD V1 MAD BDR PRENO	10000	NEW YORK(LGA)
	..... PVD T255 NELIE T212 TRESA(GNSS EQUIPPED ONLY)	10000	NEW YORK(SWF)
	..... (1)PVD V167 HFD T315 SEALL V188 CMK V623 SAX	10000	NEWARK & SATS
	..... (3)PVD V167 HFD V3 CMK V623 SAX	10000	NEWARK & SATS
	..... FREDO	10000	NORWOOD(OWD)
	..... (1)MZY V374 GON CCC T224 JIIMS OOD	10000	PHILADELPHIA(PHL)
	..... NEWBE T216 SEY ORCHA T320 BRIGS ACY V184 OOD	10000	PHILADELPHIA(PHL)
	..... (1)MZY V374 GON CCC T224 DIXIE T438 ARD	10000	PHILADELPHIA(PNE)
	..... NEWBE T216 SEY ORCHA T320 MANTA T438 ARD	10000	PHILADELPHIA(PNE)
	..... FREDO BOS PEASE ENE	10000	PORTLAND(PWM)
	..... FREDO BOS PEASE	10000	PORTSMOUTH(PSM)

TOWER ENROUTE CONTROL

Approach Control Area (Including Satellites)	Route	Highest Altitude	Destination
WASHINGTON(DCA)	..... (1)MVY V374 GON CCC T224 COLIN	10000	RICHMOND(RIC)
	..... NEWBE T216 SEY ORCHA T320 CHOPS T224 COLIN	10000	RICHMOND(RIC)
	..... PVD V146 ALB	10000	ROCHESTER(ROC)
	..... PVD V146 ALB	10000	SYRACUSE(SYR)
	..... (1)MVY V374 GON CCC T224 DIXIE T438 ARD	10000	TRENTON(TTN)
	..... NEWBE T216 SEY ORCHA T320 MANTA T438 ARD	10000	TRENTON(TTN)
	..... (1)V374 GON CCC	10000	WESTHAMPTON BEACH(FOK)
	..... (5)NEWBE T216 SEY ORCHA CCC	10000	WESTHAMPTON BEACH(FOK)
	..... SEY V34 CREAM BDR ALIXX RYMES	10000	WHITE PLAINS(HPN)
	..... SEY V34 CREAM BDR BDR288 RYMES(WATER)	10000	WHITE PLAINS(HPN)
	..... PVD	10000	WINDSOR LOCKS(BDL)
	..... PVD PUT	10000	WORCESTER(ORH)
	..... (1)MVY V374 GON CCC T224 CYN	10000	WRIGHTSTOWN(WRI)
	..... NEWBE T216 SEY ORCHA T320 DRIFT T416 CYN	10000	WRIGHTSTOWN(WRI)
	..... PALEO V44 DONIL T315 PANZE V44 CAMRN(1100-0300)	7000	FARMINGDALE(FRG)
	..... (1)PALEO V312 GOLDA T358 ENO T224 JFK T315 EEGOR MAD MONDI	5000	GROTON (NEW LONDON)(GON)
	..... (1)PALEO V312 GOLDA T358 LEEAH V1 JFK T315 EEGOR MAD MONDI	7000	GROTON (NEW LONDON)(GON)
	..... PALEO V312 GOLDA T358 AVALO T320 ORCHA MONDI(TWIN ENGINE; 1100-0300)	7000	GROTON (NEW LONDON)(GON)
	..... V265	5000	HARRISBURG(CXY)
	..... (1)PALEO V312 GOLDA T358 ENO LEEAH V1 CYN T224 JFK T315 EEGOR MAD V1 HFD	7000	HARTFORD(HFD)
	..... (1)PALEO V312 GOLDA T358 ENO T224 JFK T315 EEGOR MAD V1 HFD	5000	HARTFORD(HFD)
	..... PALEO V312 GOLDA T358 AVALO T320 RICED MAD V1 HFD(TWIN ENGINE; 1100-0300)	7000	HARTFORD(HFD)
	..... V265 V457 LRP	5000	LANCASTER(LNS)
	..... (1)PALEO V312 GOLDA T358 LEEAH V1 JFK T315 EEGOR	7000	NEW HAVEN(HVN)
	..... PALEO V312 GOLDA T358 AVALO T320 RICED KEYED(TWIN ENGINE; 1100-0300)	7000	NEW HAVEN(HVN)
	..... PALEO V312 GOLDA T358 ENO T224 JFK T315 EEGOR(1100-0300)	5000	NEW HAVEN(HVN)
	..... (1)PALEO V312 GOLDA T358 ENO T224 JFK	5000	NEW YORK(IISP)
	..... (1)PALEO V312 GOLDA T358 LEEAH V1 JFK	7000	NEW YORK(IISP)
	..... PALEO V312 GOLDA T358 AVALO T320 SARDI CCC(TWIN ENGINE; 1100-0300)	7000	NEW YORK(IISP)
	..... (1)PALEO V312 GOLDA T358 ENO T224 JFK	5000	NEW YORK(JFK)
	..... (1)PALEO V312 GOLDA T358 LEEAH V1 JFK	7000	NEW YORK(JFK)
	..... PALEO V312 GOLDA T358 LEEAH T315 PANZE V184 ZIGG(TWIN ENGINE)	7000	NEW YORK(JFK)
..... KRANT V265 EMI V419 MXE ARD METRO(LESS THAN 180 KTS ONLY)	7000	NEWARK(EWR)	
..... MITCH V123 SWANN T356 ODESA DQO	7000	PHILADELPHIA(PHL)	
..... OJAAY ZUNAR(DME/DME/IRU OR GPS)		RICHMOND(RIC)	
..... BAL V378 MXE V3 SBJ(PROPS)	7000	TETERBORO METRO(TEB,CDW,L DJ,MMU,SMQ,47N)	
..... (1)PALEO V312 GOLDA T358 ENO T224 JFK CCC	5000	WESTHAMPTON BEACH(FOK)	
..... (1)PALEO V312 GOLDA T358 LEEAH V1 JFK CCC	7000	WESTHAMPTON BEACH(FOK)	
..... PALEO V312 GOLDA T358 AVALO T320 ORCHA(TWIN ENGINE)	7000	WESTHAMPTON BEACH(FOK)	
..... POLLA V170 ODESA MXE ARD METRO V249 SAX V39 BREZY(LESS THAN 180 KTS ONLY)	7000	WHITE PLAINS(HPN)	
WASHINGTON(IAD)	..... DIRECT	4000	BALTIMORE(BWI)
	..... MRB WOOLY EMI V419 MXE ARD METRO(LESS THAN 180 KTS ONLY)	7000	NEWARK(EWR)
 MRB WOOLY EMI V419 MXE V3 SBJ(TURBOPROPS)		TETERBORO METRO(TEB,CDW,L DJ,MMU,SMQ,47N)

TOWER ENROUTE CONTROL

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Approach Control Area (Including Satellites)	Route	Highest Altitude	Destination
WHITE PLAINS (HPN)	..... DIRECT	3000	WASHINGTON(DCA)
	..... HUO T299 FJC	5000	ALLENTOWN(ABE)
	..... DIXIE T315 ACY(PROPS ONLY)	6000	ATLANTIC CITY(ACY)
	..... DIXIE V1 HOWIE(JETS ONLY)	8000	ATLANTIC CITY(ACY)
	..... CMK V3 HFD CLOWW(/E, /F, /G ONLY)	10000	AUGUSTA(AUG)
	..... CMK V3 HFD T315 GDM T314 ENE	10000	AUGUSTA(AUG)
	..... SAX V249 SBJ LANNA T430 ETX V39 LRP T449 KITHE(PROPS ONLY)	8000	BALTIMORE(BWI)
	..... CMK V3 HFD CLOWW(/E, /F, /G ONLY)	10000	BANGOR(BGR)
	..... CMK V3 HFD T315 GDM T314 ENE T295 BGR	10000	BANGOR(BGR)
	..... CMK V3 HFD CLOWW(/E, /F, /G ONLY)	10000	BAR HARBOR(BHB)
	..... CMK V3 HFD T315 GDM T314 ENE	10000	BAR HARBOR(BHB)
	..... JFK COL	6000	BELMAR/FARMINGDA LE(BLM)
	..... (3)CMK V3 WOONS	9000	BOSTON(BOS)
	..... CMK V3 HFD FOSTY WOONS(/E, /F, /G, PROPS ONLY)	9000	BOSTON(BOS)
	..... CMK V374 DENNA	5000	BRIDGEPORT(BDR)
	..... CMK SOARS JUDDS(/E, /F, /G ONLY)	10000	BURLINGTON(BTV)
	..... CMK V39 SOARS V487 BTV	10000	BURLINGTON(BTV)
	..... CMK V3 HFD CLOWW(/E, /F, /G ONLY)	10000	CONCORD(CON)
	..... CMK V3 HFD T315 GDM	10000	CONCORD(CON)
	..... CMK V374 BETHA HTO	5000	EAST HAMPTON(JPX)
	..... CMK V3 HFD GON	10000	GROTON (NEW LONDON)(GON)
	..... HUO T299 HAR	5000	HARRISBURG(CXY)
	..... CMK V3 HFD	10000	HARTFORD(HFD)
	..... CMK V3 HFD V167 PVD T393 GAILS	10000	HYANNIS(HYA)
	..... CMK SOARS JUDDS WHATE(/E, /F, /G ONLY)	10000	KEENE(EEN)
	..... CMK V3 HFD T315 GDM	10000	KEENE(EEN)
	..... HUO T299 ETX V39 LRP	5000	LANCASTER(LNS)
	..... CMK SOARS JUDDS WHATE(/E, /F, /G ONLY)	10000	LEBANON(LEB)
	..... CMK V3 HFD KEYNN	10000	LEBANON(LEB)
	..... CMK V3 HFD CLOWW(/E, /F, /G ONLY)	10000	MANCHESTER(MHT)
	..... CMK V3 HFD T315 GDM T314 MANCH	10000	MANCHESTER(MHT)
	..... DIXIE T224 JIIMS(PROPS ONLY)	6000	MILLVILLE(MIV)
	..... CMK V3 HFD T216 NEWBE T300 DEEPO	10000	NANTUCKET(ACK)
	..... CMK V374 DENNA	5000	NEW HAVEN(HVN)
	..... CMK V374 DENNA BDR CCC	5000	NEW YORK(ISP)
	..... CMK V483 DPK	3000	NEW YORK(JFK)
	..... DIRECT	3000	NEW YORK(LGA)
	..... NYACK V188 SAX(JETS ONLY)	5000	NEWARK(EWR)
	..... NYACK V188 SAX(PROPS ONLY)	4000	NEWARK(EWR)
	..... DIXIE V1(PROPS ONLY)	6000	NORFOLK(ORF)
	..... CMK V3 WOONS	10000	NORWOOD & NORTH SATS
	..... CMK V3 HFD CLOWW(/E, /F, /G ONLY)	10000	PORTLAND(PWM)
	..... CMK V3 HFD T315 GDM T314 ENE	10000	PORTLAND(PWM)
	..... CMK V3 HFD T315 GDM T314 MANCH(/E, /F, /G ONLY)	10000	PORTSMOUTH(PSM)
	..... CMK V3 HFD V167 PVD	10000	PROVIDENCE(PVD)
	..... CMK V3 HFD V167 PVD T393 GAILS	10000	PROVINCETOWN(PVC)
	..... SAX V249 SBJ T430 ETX V39 FLOAT(PROPS ONLY)	7000	READING(RDG)
	..... DIXIE T224 COLIN(PROPS ONLY)	4000	RICHMOND(RIC)
	..... DIXIE V1 LEEAH T315 CHOPS T224 COLIN(PROPS ONLY)	6000	RICHMOND(RIC)
	..... DIXIE V1(PROPS ONLY)	6000	SALISBURY(SBY)
	..... HAAYS HUO V273 HNK T391 SYR	10000	SYRACUSE(SYR)
	..... CMK V3 HFD GON V374 MYY	10000	VINEYARD HAVEN(MVY)
	..... SAX V249 SBJ LANNA T430 ETX V39 LRP V93 BAL(PROPS ONLY)	8000	WASHINGTON(DCA)
	..... SAX V249 SBJ LANNA T430 ETX V39 ROBR AML(PROPS ONLY)	8000	WASHINGTON(AD)
	..... DIXIE T315 PANZE V44 SIE(PROPS ONLY)	6000	WILDWOOD(WWD)
	..... DIXIE V1 HOWIE(JETS ONLY)	8000	WILDWOOD(WWD)

Approach Control Area (Including Satellites)	Route	Highest Altitude	Destination
WILKES-BARRE/SCRANTON(AVP)	..... CMK V419 JUDDS	10000	WINDSOR LOCKS(BDL)
	..... CMK V3 HFD V1 GRAYM	10000	WORCESTER(ORH)
	..... DIXIE T224 CYN	6000	WRIGHTSTOWN(WRI)
	..... V29	8000	BINGHAMTON(BGM)
	..... V36	8000	ELMIRA/CORNING(EL M)
	..... WLKES T440 ULW	6000	ELMIRA/CORNING(EL M)
	..... LVZ T212 SEG T291 HAR	8000	HARRISBURG(CXY)
	..... LVZ T295 LRP	6000	LANCASTER(LNS)
	..... WLKES T455 FJC BWZ(JETS ONLY)	6000	NEWARK(EWR)
	..... WLKES T455 FJC BWZ(NON-JETS ONLY)	5000	NEWARK(EWR)
WINDSOR LOCKS(BDL)	..... LVZ T295 DUMMR	6000	READING(RDG)
	..... DIRECT	10000	ALBANY(ALB)
	..... PWL HUO T299 FJC	5000	ALLENTOWN(ABE)
	..... GON CCC T224 DIXIE T315 ACY	10000	ATLANTIC CITY(ACY)
	..... MAD BEADS T320 BRIGS	10000	ATLANTIC CITY(ACY)
	..... BAF T314 ENE	10000	AUGUSTA(AUG)
	..... GON CCC T224 ENO T358 SWANN	8000	BALTIMORE(BWI)
	..... MAD BEADS T320 AVALO T358 SWANN	8000	BALTIMORE(BWI)
	..... BAF T314 ENE T295 BGR	10000	BANGOR(BGR)
	..... BAF T314 ENE T295 RAZZR	10000	BAR HARBOR(BHB)
	..... GRAYM HFD053 DREEM	10000	BEDFORD & NORTH SATS
	..... PUT PUT105 WOONS	10000	BOSTON & SOUTH SATS
	..... HFD	10000	BRIDGEPORT(BDR)
	..... ALB T608 WOZEE	10000	BUFFALO(BUF)
	..... BAF T314 GDM	10000	CONCORD(CON)
	..... (3)HFD V1 MAD BDR ALIXX RYMES	10000	DANBURY(DXR)
	..... (5)VEERS IGN V157 HAARP	10000	DANBURY(DXR)
	..... MAD BEADS T320 AVALO T358 ENO	10000	DOVER(DOV)
	..... MAD BEADS T358 ENO	10000	DOVER(DOV)
	..... CTR V270 ULW	10000	ELMIRA/CORNING(EL M)
	..... CTR V270 ULW JHW		ERIE(ERI)
	..... HFD T216 SALEM CCC(TURBOJETS ONLY)	070-090	FARMINGDALE(FRG)
	..... HFD GON	10000	GROTON (NEW LONDON)(GON)
	..... PVD T393 GAILS	10000	HYANNIS(HYA)
	..... DIRECT	10000	KEENE(EEN)
	..... KEYNN T393 LBNON	10000	LEBANON(LEB)
	..... BAF T314 MANCH	10000	MANCHESTER(MHT)
	..... PVD PVD167 NEWBE DEEPO	10000	NANTUCKET(ACK)
	..... HFD T216 SALEM CCC(TURBOJETS ONLY)	070-090	NEW YORK(ISP)
	..... MAD V1 DPK	10000	NEW YORK(JFK)
	..... (3)HFD V1 MAD BDR PRENO	10000	NEW YORK(LGA)
	..... VEERS T212 TRESA(GNSS EQUIPPED ONLY)	10000	NEW YORK(SWF)
	..... (1)HFD T315 SEALL V188 CMK V623 SAX	10000	NEWARK & SATS
	..... (3)HFD V3 CMK V188 V623 SAX	10000	NEWARK & SATS
	..... PUT PUT105 WOONS	10000	NORWOOD(OWD)
	..... GON CCC T224 JIIMS OOD	10000	PHILADELPHIA(PHL)
	..... MAD BEADS T320 BRIGS ACY V184 OOD	10000	PHILADELPHIA(PHL)
	..... GON CCC T224 DIXIE T438 ARD	10000	PHILADELPHIA(PNE)
	..... MAD BEADS T320 MANTA T438 ARD	10000	PHILADELPHIA(PNE)
	..... BAF T314 ENE	10000	PORTLAND(PWM)
..... (3)BAF T314 RAYMY	10000	PORTSMOUTH(PSM)	
..... (5)BAF T314 RAYMY	10000	PORTSMOUTH(PSM)	
..... DIRECT	10000	PROVIDENCE(PVD)	
..... PVD T393 GAILS	10000	PROVINCETOWN(PVC)	
..... GON CCC T224 COLIN	10000	RICHMOND(RIC)	
..... MAD BEADS T320 CHOPS T224 COLIN	10000	RICHMOND(RIC)	
..... ALB	10000	ROCHESTER(ROC)	
..... ALB	10000	SYRACUSE(SYR)	
..... GON CCC T224 DIXIE T438 RBV	10000	TRENTON(TTN)	

TOWER ENROUTE CONTROL

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Approach Control Area (Including Satellites)	Route	Highest Altitude	Destination
WORCESTER(ORH)	..... MAD BEADS T320 MANTA T438 ARD	10000	TRENTON(TTN)
	..... PVD V405 MVY	10000	VINEYARD HAVEN(MVY)
	..... HFD T216 SALEM CCC(TURBOJETS ONLY)	070-090	WESTHAMPTON BEACH(FOK)
	..... (3)HFD V1 MAD BDR ALIXX RYMES	10000	WHITE PLAINS(HPN)
	..... PWL V34 WEETS LVZ	6000	WILKES-BARRE/SCRA NTON(AVP)
	..... GON CCC T224 CYN	10000	WRIGHTSTOWN(WRI)
	..... MAD BEADS T320 DRIFT T416 CYN	10000	WRIGHTSTOWN(WRI)
	..... CTR	10000	ALBANY(ALB)
	..... PWL HJ0 T299 FJC	5000	ALLENTOWN(ABE)
	..... MAD BEADS T320 BRIGS	10000	ATLANTIC CITY(ACY)
	..... YANTC T224 JFK T315 ACY	10000	ATLANTIC CITY(ACY)
	..... GDM T314 ENE	10000	AUGUSTA(AUG)
	..... MAD BEADS T320 AVALO T358 SWANN	8000	BALTIMORE(BWI)
	..... YANTC T224 ENO T358 SWANN	8000	BALTIMORE(BWI)
	..... GDM T314 ENE T295 BGR	10000	BANGOR(BGR)
	..... GDM T314 ENE	10000	BAR HARBOR(BHB)
	..... DREEM	10000	BEDFORD & NORTH SATS
	..... PUT WOONS	10000	BOSTON & SOUTH SATS
	..... HFD	10000	BRIDGEPORT(BDR)
	..... CTR ALB T608 WOZEE	10000	BUFFALO(BUF)
	..... GDM	10000	CONCORD(CON)
	..... (3)HFD V1 MAD BDR ALIXX RYMES	10000	DANBURY(DXR)
	..... (4)BAF IGN V157 HAARP	10000	DANBURY(DXR)
	..... MAD BEADS T320 AVALO T358 ENO	10000	DOVER(DOV)
	..... YANTC T224 ENO	10000	DOVER(DOV)
	..... CTR V270 ULW	10000	ELMIRA/CORNING(EL M)
	..... CTR V270 ULW JHW		ERIE(ERI)
	..... YANTC	10000	GROTON (NEW LONDON)(GON)
	..... PUTNM T393 GAILS	10000	HYANNIS(HYA)
	..... GDM	10000	KEENE(EEN)
	..... GDM	10000	LEBANON(LEB)
	..... GDM T314 MANCH	10000	MANCHESTER(MHT)
	..... PUTNM T393 PVD NEWBE DEEPO	10000	NANTUCKET(ACK)
	..... MAD V1 BELTT	10000	NEW YORK(ISP)
	..... MAD V1 DPK	10000	NEW YORK(JFK)
	..... (3)HFD V1 MAD BDR PRENO	10000	NEW YORK(LGA)
	..... VEERS T212 TRESA(GNSS EQUIPPED ONLY)	10000	NEW YORK(SWF)
	..... (1)HFD T315 SEALL V188 CMK V623 SAX	10000	NEWARK & SATS
	..... HFD V3 CMK V623 SAX	10000	NEWARK & SATS
	..... PUT WOONS	10000	NORWOOD(OWD)
..... MAD BEADS T320 BRIGS ACY V184 OOD	10000	PHILADELPHIA(PHL)	
..... YANTC T224 JIIMS OOD	10000	PHILADELPHIA(PHL)	
..... MAD BEADS T320 MANTA T438 ARD	10000	PHILADELPHIA(PNE)	
..... YANTC T224 DIXIE T438 ARD	10000	PHILADELPHIA(PNE)	
..... GDM T314 ENE	10000	PORTLAND(PWM)	
..... GDM T314 RAYMY	10000	PORTSMOUTH(PSM)	
..... PUT PVD	10000	PROVIDENCE(PVD)	
..... PUTNM T393 GAILS	10000	PROVINCETOWN(PVC)	
..... MAD BEADS T320 AVALO T358 ENO T224 COLIN	10000	RICHMOND(RIC)	
..... YANTC T224 COLIN	10000	RICHMOND(RIC)	
..... CTR ALB	10000	ROCHESTER(ROC)	
..... CTR ALB	10000	SYRACUSE(SYR)	
..... MAD BEADS T320 MANTA T438 ARD	10000	TRENTON(TTN)	
..... YANTC T224 DIXIE T438 ARD	10000	TRENTON(TTN)	
..... PUTNM T393 PVD V405 MVY	10000	VINEYARD HAVEN(MVY)	
..... YANTC ORCHA	10000	WESTHAMPTON BEACH(FOK)	
..... (3)HFD V1 MAD BDR ALIXX RYMES	10000	WHITE PLAINS(HPN)	

TOWER ENROUTE CONTROL

Approach Control Area (Including Satellites)	Route	Highest Altitude	Destination
	..... PWL V34 WEETS T212 LVZ	6000	WILKES-BARRE/SCRA NTON(AVP)
	..... MAD BEADS T320 DRIFT T416 CYN	10000	WRIGHTSTOWN(WRI)
	..... YANTC CCC T224 CYN	10000	WRIGHTSTOWN(WRI)
WRIGHTSTOWN(WRI)	..... CYN V1 HOWIE(OVERFLIGHTS ONLY)	6000	ATLANTIC CITY(ACY)
	..... DIXIE T224 JIIMS(OVERFLIGHTS ONLY)	4000	ATLANTIC CITY(ACY)
	..... DIXIE T315 ACY	4000	ATLANTIC CITY(ACY)
	..... DIXIE V1 LEEAH	6000	DOVER(DOV)
	..... (1)DIXIE T315 HFD	7000	HARTFORD(HFD)
	..... (1)DIXIE T315 HFD V167 PVD T393 GAILS	7000	HYANNIS(HYA)
	..... (1)DIXIE T315 EEGOR MAD CARLD V188 GON T216 NEWBE T300 DEEPO	7000	NANTUCKET(ACK)
	..... (1)DIXIE T315 EEGOR	5000	NEW YORK(ISP)
	..... V184 ZIGGI JFK210 JFK CCC(NO SINGLE ENGINE; N/A BTN 1400-2100 LCL)	5000	NEW YORK(ISP)
	..... (1)DIXIE	5000	NEW YORK(JFK)
	..... RBV T438 ZIGGI(JETS/MULTIENGINE PROPS)	5000	NEW YORK(JFK)
	..... RBV V123 PROUD(PROPS ONLY)	4000	NEW YORK(LGA)
	..... RBV V123 PROUD(PROPS/JETS)	4000	NEW YORK(LGA)
	..... DIXIE T438 RBV V249 METRO(TURBOPROPS AND JETS)	6000	NEWARK ONLY
	..... DIXIE T438 RBV V249 METRO	4000	NEWARK SATS ONLY
	..... (1)DIXIE T438 RBV V249 METRO	5000	NEWARK(EWR)
	..... V1 CYN V312 OOD(JETS ONLY)	5000	PHILADELPHIA(PHL)
	..... V1 CYN V312 OOD(PROPS ONLY)	4000	PHILADELPHIA(PHL)
	..... RBV T438 ARD	4000	PHILADELPHIA(PNE)
	..... (1)DIXIE T315 EEGOR CARLD V188 GON	7000	PROVIDENCE(PVD)
	..... DIXIE V1 SBY	6000	SALISBURY(SBY)
	..... (1)DIXIE T315 EEGOR CARLD V188 GON V374 MVY	7000	VINEYARD HAVEN(MVY)
	..... DIXIE T438 RBV V249 SAX V39 BREZY(PROPS ONLY)	4000	WHITE PLAINS(HPN)
	..... (1)DIXIE T315 EEGOR	7000	WINDSOR LOCKS(BDL)

**NORTH AMERICAN ROUTES FOR NORTH ATLANTIC
TRAFFIC (NAR)****“NORTH AMERICAN ROUTE PROGRAM (NRP).”**

Introduction

- (a) The North American Route Program (NRP) is a joint FAA and NAV CANADA program, the objective of which is to harmonize and adopt common procedures, to the extent possible, for application to random route flight operations at and above FL 290 within the conterminous U.S. and Canada.
- (b) The NRP will be implemented through various phases with the end goal of allowing all international and domestic flight operations to participate in the NRP throughout the conterminous U.S., Alaska, and Canada.
- (c) Flights may participate in the NRP under specific guidelines and filing requirements:
 1. provided the flight originates and terminates within conterminous U.S. and Canada; or,
 2. for North Atlantic international flights operating within the North American Route (NAR) System.

FAA/NAV CANADA Common Procedures

The following common FAA and NAV CANADA procedures apply:

- (a) Flights to operate at or above FL 290.
- (b) For that portion of flight within 200 NM of the departure or destination airport, flights shall be filed and operated via Standard Instrument Departures (SID), Departure Procedures (DP), Standard Terminal Arrival Routes (STAR) or published Preferred IFR Routes. If none of the above are available, airways may be used.
- (c) NRP flights are not normally subject to routing restrictions such as published Preferred IFR Routes or airways, beyond a 200 NM radius of both the departure and destination airports.
- (d) Flight planning requirements are:
 1. routes shall contain at least one significant point in each delegated area of airspace jurisdiction for each FAA Air Route Traffic Control Center (ARTCC) or Canadian FIR/CTA;
 2. significant points may be a navigational aid or waypoint defined in fix–radial distance (FRD) format from a navigational aid. Within Canadian airspace a significant point may also be a coordinate described in degrees and minutes of latitude/longitude;
 3. for routes that cross the U.S./Canadian border, a significant point within 30 NM of either side of the border shall be filed;
 4. significant points should be filed for all turnpoints;
 5. route(s) shall avoid active Class F airspace;
 6. “NRP” shall be entered in the Remarks section of the flight plan; and
 7. flight plans to be filed at least one hour prior to departure.
- (e) In the event that a NRP aircraft has to be cleared due to weather or tactical reasons, ATC will attempt to return the aircraft to the original NRP routing as soon as practical. Aircraft that depart from the NRP routing due to a pilot request or an ATC clearance authorizing a direct routing will be considered as a non participant of the NRP.
- (f) Unless published routing restrictions are in effect, North Atlantic International flights planning to operate within the NAR System may file NRP routes beyond 200 NM of the NAR identified system airport and the published Inland Navigation Fixes (INFs).

Specific FAA Requirements

The following specific FAA requirements apply:

- (a) Flights may not be filed via a DP/STAR within offshore transition areas (12 NM or more off the U.S. shoreline).
- (b) Flights may be filed and flown on the complete transition of DPs and/or STARs for specific airports in lieu of the 200 NM route planning requirement described in Common Procedures, paragraph “b” above. For listing of the airports refer to the current FAA Advisory Circular–NRP.
- (c) Flights not meeting the above guidelines are to be requested through the FAA nonpreferred route programs. Those requests will be approved/disapproved on a workload permitting basis.

NORTH AMERICAN ROUTE (NAR) SYSTEM**GENERAL**

- a. The objectives of the NAR System are as follows:
 1. To expedite flight planning.
 2. To reduce the complexity of route clearances and thereby minimize the confusion and error potential inherent in lengthy transmissions and readbacks; and
 3. To minimize the time spent in the route clearance delivery function.
- b. The NAR System is designed to accommodate major airports in North America where the volume of North Atlantic (NAT) traffic and route complexity dictate a need to meet the above objectives. It is for the use of traffic entering/exiting the NAT and consists of a series of pre–planned routes from/to coastal fixes and identified system airports. Most of the routes are divided into two portions:
 1. Common Portion: That portion of the route between a specified coastal fix or an oceanic entry/exit point and a specified inland navigation fix (INF). Some routes have a common portion only (N598A–N700A); and
 2. Non–common Portion: That portion of the route between a specified INF and a system airport. The routes are within the high level airspace structure with a transition to/from system airports.
- c. The routes are prefixed by the abbreviation “N” with the numbering for the common portions orientated geographically from south to north. The ODD numbers have eastbound applications while the EVEN numbers apply to westbound. Following a one–to three–digit number, an alpha character indicates the validation codes and forms part of the route identifier. Validation codes are associated to amendments to the common routes only and not to non–common route portions.
- d. Since a primary function of the NAR system is to complement the NAT traffic flow, a limited number of NAR routes, appropriate for the coastal fixes or oceanic entry/exit points serving the organized Organized Track System (OTS) and the domestic traffic organization, are included in the daily NAT/OTS message published by the Gander and Shanwick Oceanic Area Centers.
- e. Aircraft can only join the NAR system:
 1. At an identified coastal fix or oceanic entry/exit point; or
 2. On departure from one of the identified system airports; or
 3. At an identified INF.

Westbound

- a. Westbound routes begin at the oceanic exit points, thence along common route portions to an INF and then fan-out along non common routes to selected system airports;
- b. For aircraft proceeding to an identified system airport and the route of flight to destination is described by a single NAR designator, use the designator;
- c. For aircraft proceeding to a non system airport but the route of flight is described by the common route portion to an identified INF, use the designator to the INF followed by a detailed routing to the destination.

Eastbound

- a. Eastbound routes only have a common portion from the INF to a coastal fix or oceanic entry point;
- b. When the route of flight is described by a single NAR designator, use the designator;
- c. For aircraft departing from a non-system airport, file via an appropriate detailed routing to the applicable INF and thence via the common portion to the coastal fix or oceanic entry point using the NAR designator;

General

For those cases not described above, a detailed routing is required.

NAR REQUIREMENT**General**

- a. Generally there is no requirement to flight plan and operate using the NAR system. Eastbound aircraft intending to operate on the NAT OTS and operating wholly on or south of a line between the intersections BAREE and TUDEP shall flight plan and operate using one of the NARs published on the daily OTS Message. Westbound aircraft exiting the ocean via oceanic/coastal fixes JEBBY, CARAC, BOBTU, JAROM or RAFIN must file via one of the published NAR common portions as specified in the CFS unless re-entering NY oceanic via M201/M202/M203:
 - i. JEBBY CARAC - N26B, N28B, N30B, N32B, N34B
 - ii. BOBTU JAROM - N48G, N50G, N52G, N54G, N56G, N58D, N60D, N62C
 - iii. RAFIN - N76A, N78A, N80A, N82A, N84A, N86A, N88A, N90A
- b. NARs may be assigned by air traffic control for the tactical management of air traffic in Canadian domestic airspace.
- c. For operators who elect not to use the NAR system, the rules of the NRP apply.

ROUTE CLEARANCES

- a. For aircraft operating within the NAR System, the ATC routing clearance and pilot readback will be indicated by the NAR designator, e.g., "North American Route 105B";
- b. For aircraft operating in the NAR System, but only using the common route portion, the ATC routing clearance and pilot readback will be indicated by the NAR designator followed by the detailed routing;
- c. For aircraft not operating in the NAR System, the ATC routing clearance and pilot readback will be via a detailed route;
- d. Aircraft cleared to a system airport via a NAR designator are to follow the common and the non-common portion of the route to a system airport. If either the common or non-common portion of the issued NAR is incompatible or unacceptable, the pilot is to advise ATC accordingly.

DOCUMENTATION

- a. It is expected that the following NAR documentation will be carried on the flight deck of each aircraft operating within the NAR system:
 1. The current publications of NAV CANADA Canadian Flight Supplement; or Federal Aviation Administration Airport/Facility Directory Northeast U.S. (AFDNE); or another product which provides the current NAR; and
 2. the information in the current NAT/OTS message.
- b. Changes to the NAR routes are advertised in the monthly publication Notices to Airmen Publication (NTAP).

COMMON PROCEDURES FOR RADIO COMMUNICATIONS FAILURE

a. The following procedures are intended to provide general guidance for North Atlantic (NAT) aircraft experiencing a communications failure. These procedures are intended to complement and not supersede state procedures/regulations. It is not possible to provide guidance for all situations associated with a communications failure.

1. If so equipped, the pilot of an aircraft experiencing a two-way radio communications failure shall:
 - i. operate the secondary radar transponder on identity Mode A) Code 7600 and Mode C; and
 - ii. attempt to contact any ATC facility or another aircraft and inform them of the difficulty and request they relay information to the ATC facility with whom communications are intended.
- b. **Communications failure prior to entering NAT oceanic airspace**
 1. If operating with a received and acknowledged oceanic clearance, the pilot shall enter oceanic airspace at the cleared oceanic entry point, level and speed and proceed in accordance with the received and acknowledged oceanic clearance. Any level or speed changes required to comply with the oceanic clearance shall be completed within the vicinity of the oceanic entry point.
 2. If operating without a received and acknowledged oceanic clearance, the pilot shall enter oceanic airspace at the first oceanic entry point, level and speed, as contained in the filed flight plan and proceed via the filed flight plan route to landfall. That first oceanic level and speed shall be maintained to landfall.
- c. **Communications failure prior to exiting NAT oceanic airspace**
 1. **Cleared on flight plan route**
The pilot shall proceed in accordance with the last received and acknowledged oceanic clearance to the last specified oceanic route point, normally landfall, then continue on the flight plan route. Maintain the last assigned oceanic level and speed to landfall. After passing the last specified oceanic route point, conform with the relevant State procedures/regulations.
 2. **Cleared on other than flight plan route**
The pilot shall proceed in accordance with the last received and acknowledged oceanic clearance to the last specified oceanic route point, normally landfall. After passing this point, rejoin the filed flight plan route by proceeding directly to the next significant point ahead of the track of the aircraft as contained in the filed flight plan. Where possible use published ATS route structures, then continue on the flight plan route. Maintain the last assigned oceanic level and speed to the last specified oceanic route point. After this point conform with the relevant State procedures/regulations.

BOSTON ARTCC NORTH ATLANTIC ADVISORY

The Boston ARTCC North Atlantic Advisory is published daily on the ATCSCC Advisory Database (<https://www.fly.faa.gov/adv/advAdvisoryForm.jsp>) and establishes required routing for aircraft that transition into the North

American Route structure and the North Atlantic Track system. The North Atlantic Advisory provides specific routing for international traffic transitioning Boston ARTCC airspace and proceeding across the North Atlantic with the following exceptions:

Departures from KATL, KCLT, KIAD, KMCO, KMIA, KRDU and other Eastern and Southern airports via eastbound routes that will traverse Boston ARTCC airspace may file the following:

- (1) Via RBV Q22 FOXWD QUBIS/TAFFY/MILS/TOPPS/EBONY/ALLEX
- (2) Via RBV Q430 ACK TUSKY/BRADD/KANNI/WHALE/VITOL
- (3) Via Q167 RIFLE ACK TUSKY/BRADD/KANNI/WHALE/VITOL
- (4) When the tracks are ALLEX and North, users may file to the most southern INF published on the daily track message
 - a. Via RBV Q430 ACK (then direct to the most southern published INF)
 - b. Via Q167 RIFLE ACK (then direct to the southernmost published INF)

The Boston ARTCC North Atlantic Advisory is effective between the hours of 2100-0500 UTC.

For questions, contact Boston ARTCC Traffic Management: 1-603-879-6666

ROUTE NOTICE OF FLIGHT PLANNING REQUIREMENTS OF EASTBOUND NORTH ATLANTIC TRAFFIC VIA EITHER NANSO/RAFIN/LOMPI/JAROM/TALGO/CARAC/JEBBY/DOVEY/420000N060000W/430000N050000W/440000N050000W/450000N050000W THROUGH BOSTON ARTCC AIRSPACE:

Eastbound North Atlantic Traffic transitioning Boston ARTCC airspace and are planning to file NANSO, RAFIN, or 450000N050000W must file a route from either via INF VITOL or via any INF North of VITOL then to NANSO RAFIN 450000N050000W.

Eastbound North Atlantic Traffic transitioning Boston ARTCC airspace and are planning to file LOMPI, JAROM, TALGO, or 440000N050000W must file a route from either via INF VITOL or any INF North of VITOL then to LOMPI JAROM TALGO 440000N050000W.

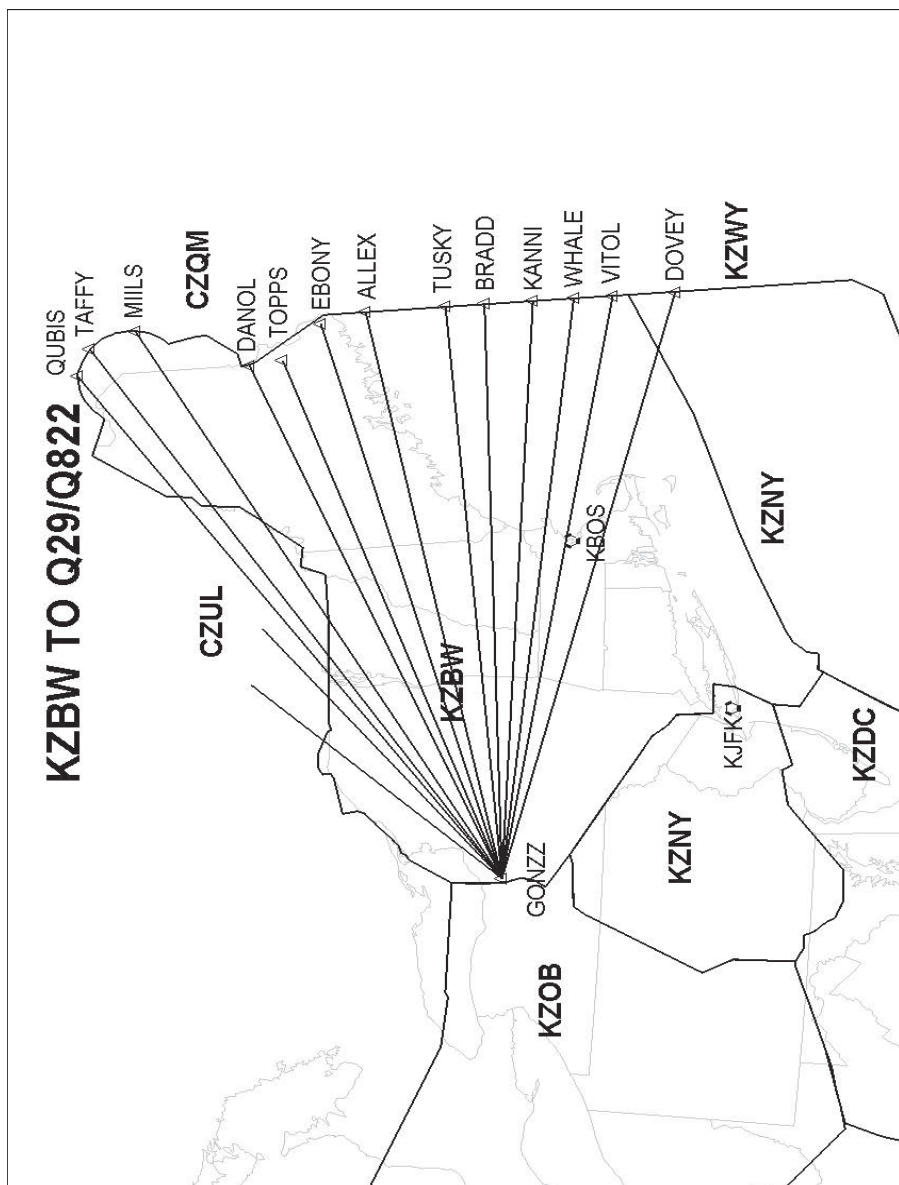
Aircraft may also transit Boston ARTCC airspace into New York ARTCC Oceanic Airspace via DOVEY 420000N060000W 440000N050000W

Eastbound North Atlantic Traffic transitioning Boston ARTCC airspace and are planning to file CARAC, JEBBY, OR 430000N050000W must file a route from either via INF VITOL or any INF North of VITOL then to CARAC JEBBY 430000N050000W.

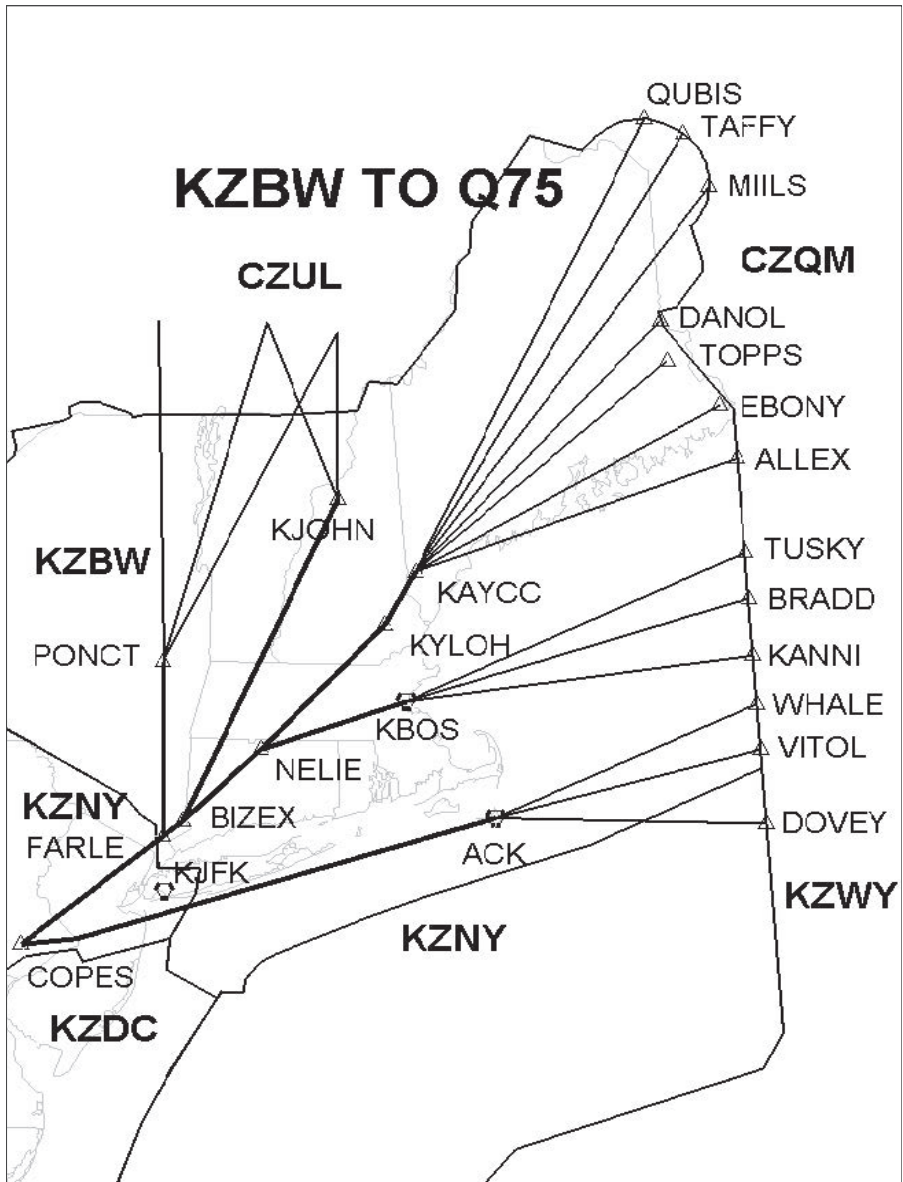
Aircraft may also transit Boston ARTCC airspace into New York ARTCC Oceanic Airspace via DOVEY 420000N060000W 430000N050000W.

Please refer to all NOTAMS including the daily North Atlantic Track NOTAM, and the daily NATOTS_RQD route advisory for additional eastbound North Atlantic Traffic flight planning requirements.

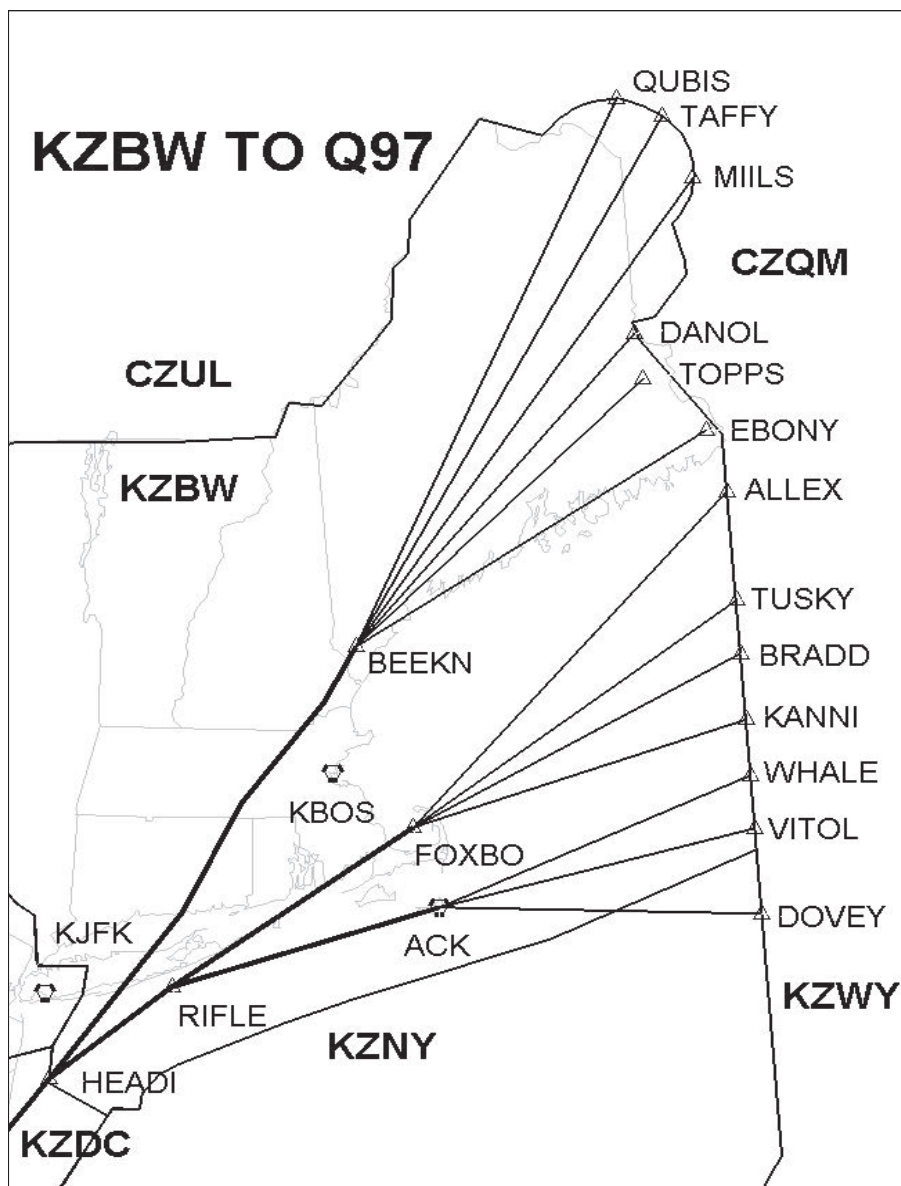
For questions, contact Boston ARTCC Traffic Management: 1-603-879-6666



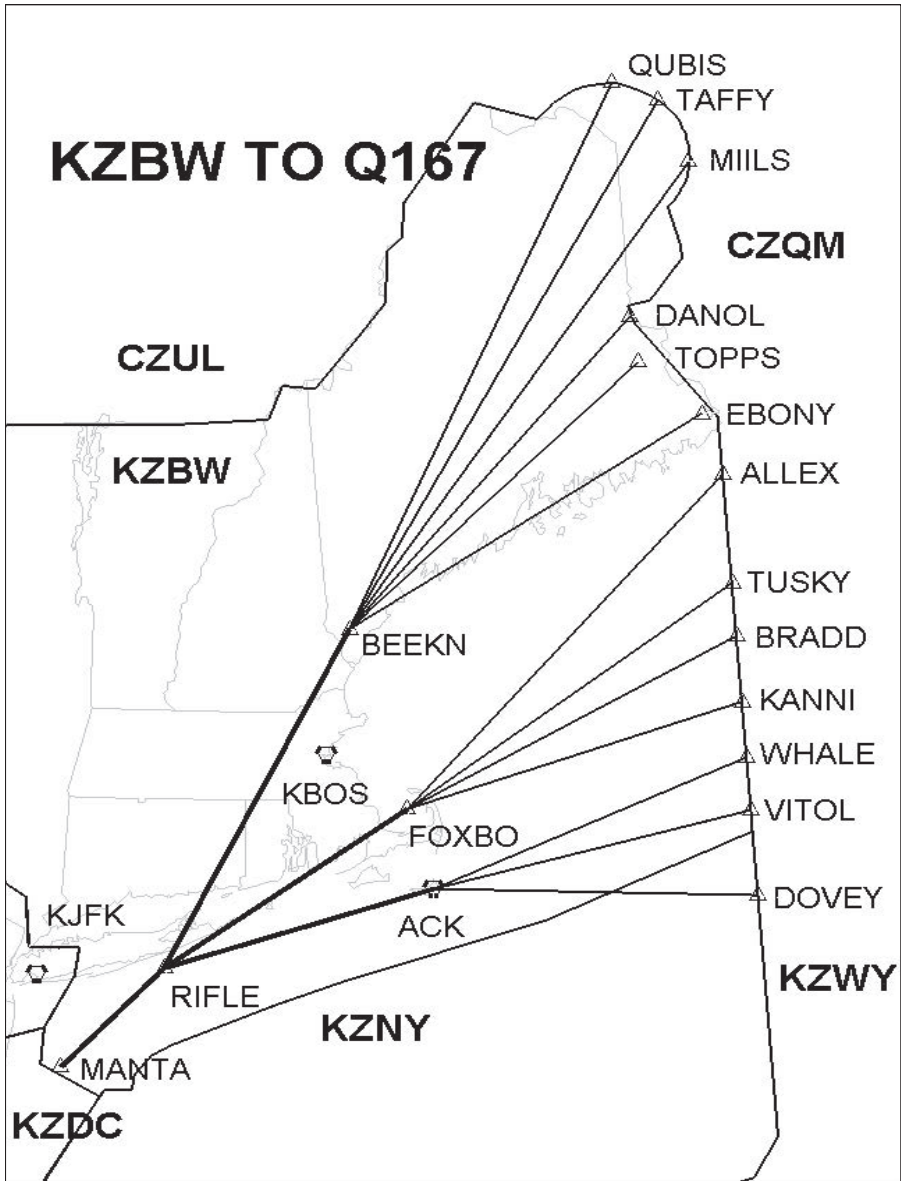
Office of Primary Responsibility (OPR): Boston ARTCC Traffic Management Unit
 Contact Information: 603-879-6033
 Original: August 2023



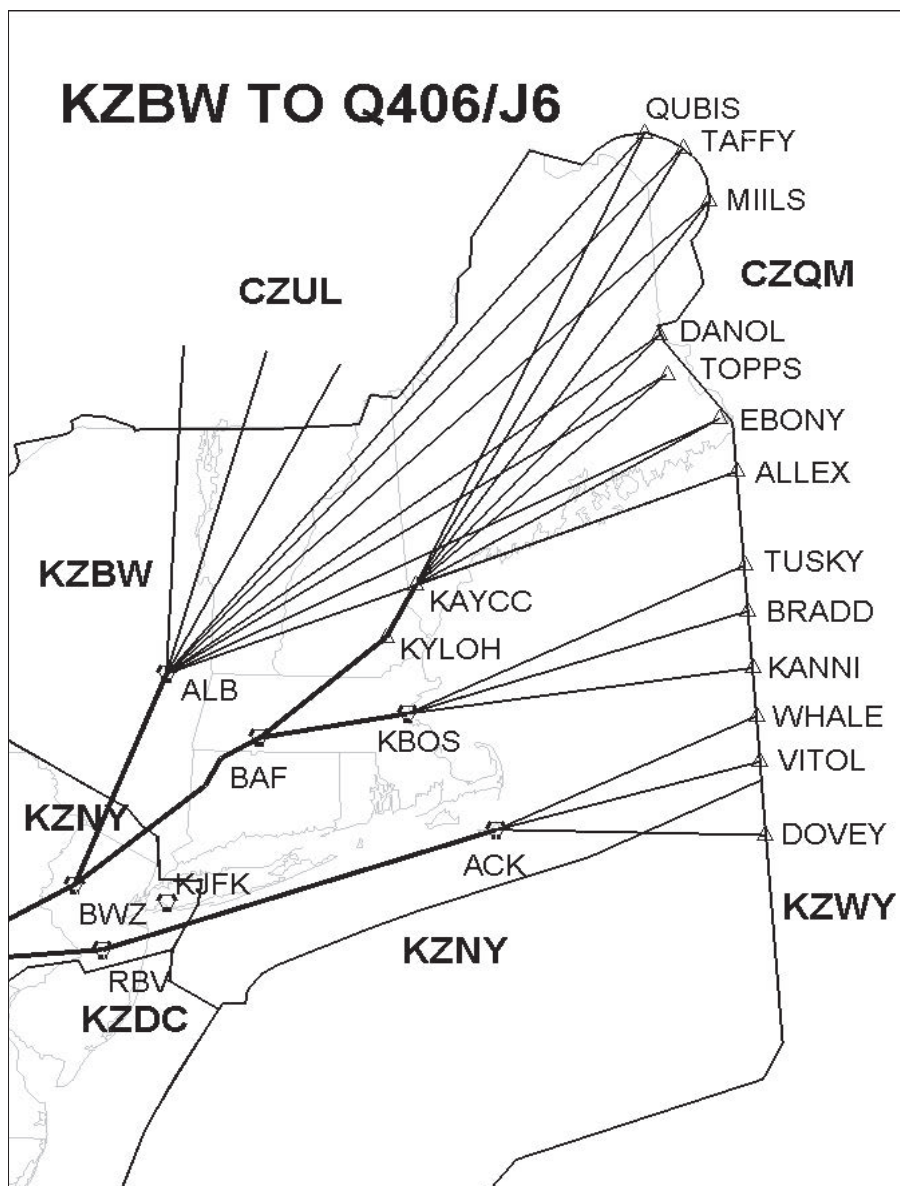
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 Contact Information: 603-879-6033
 Original: August 2023



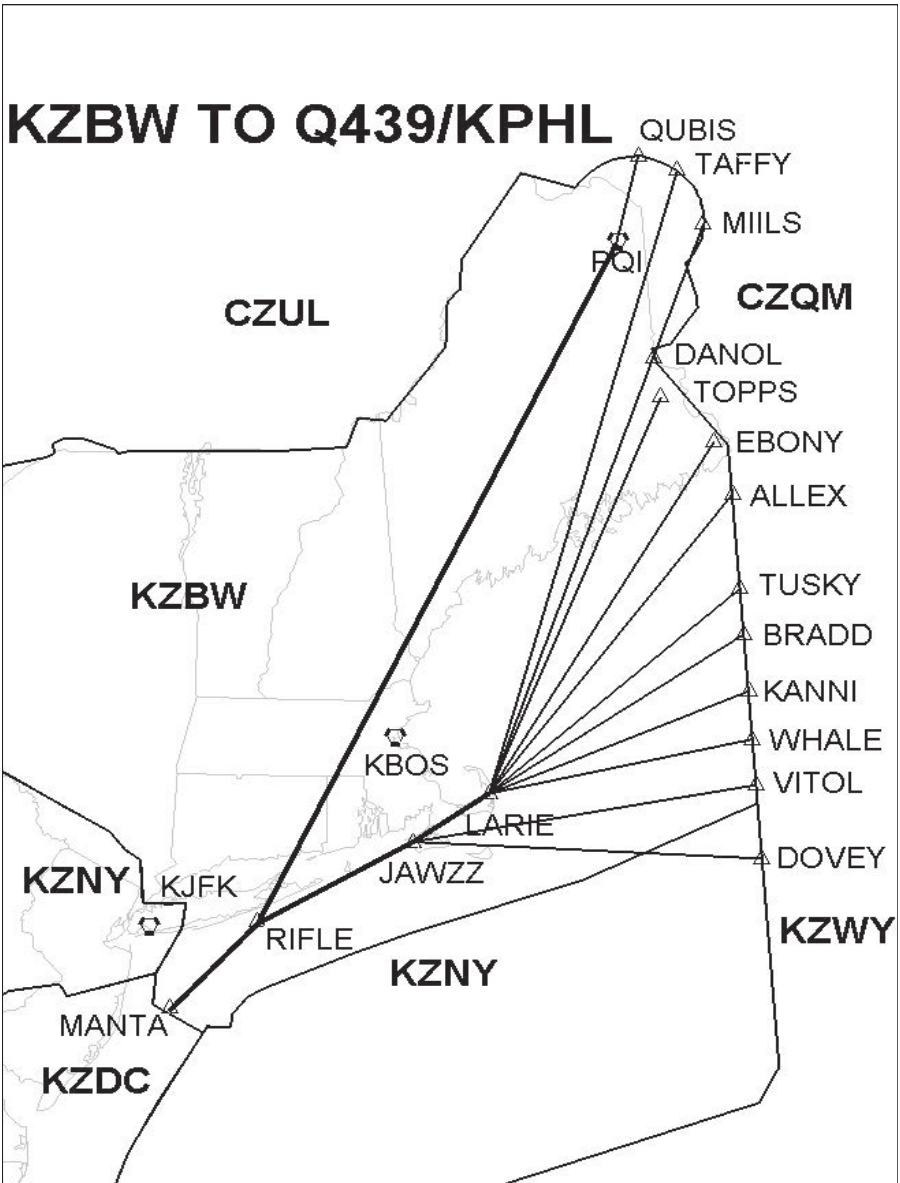
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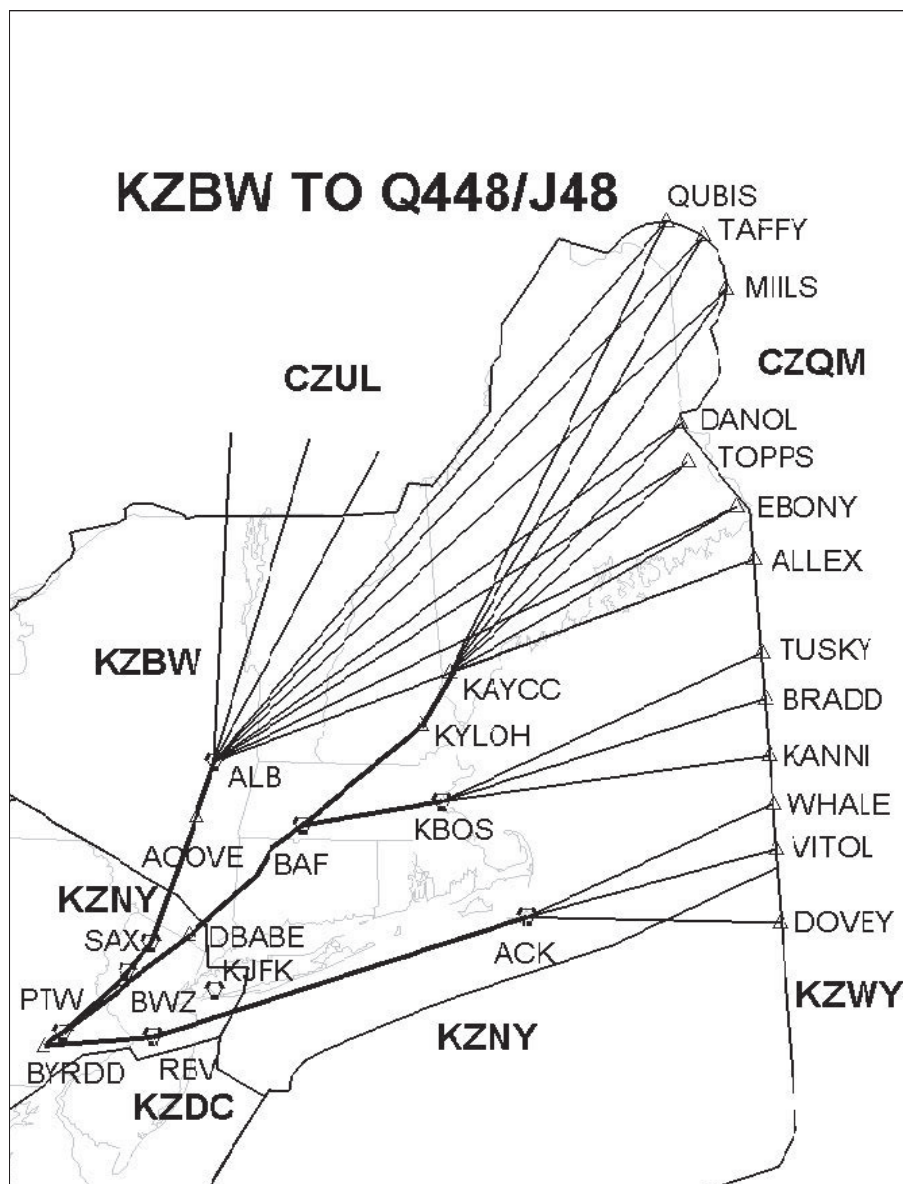
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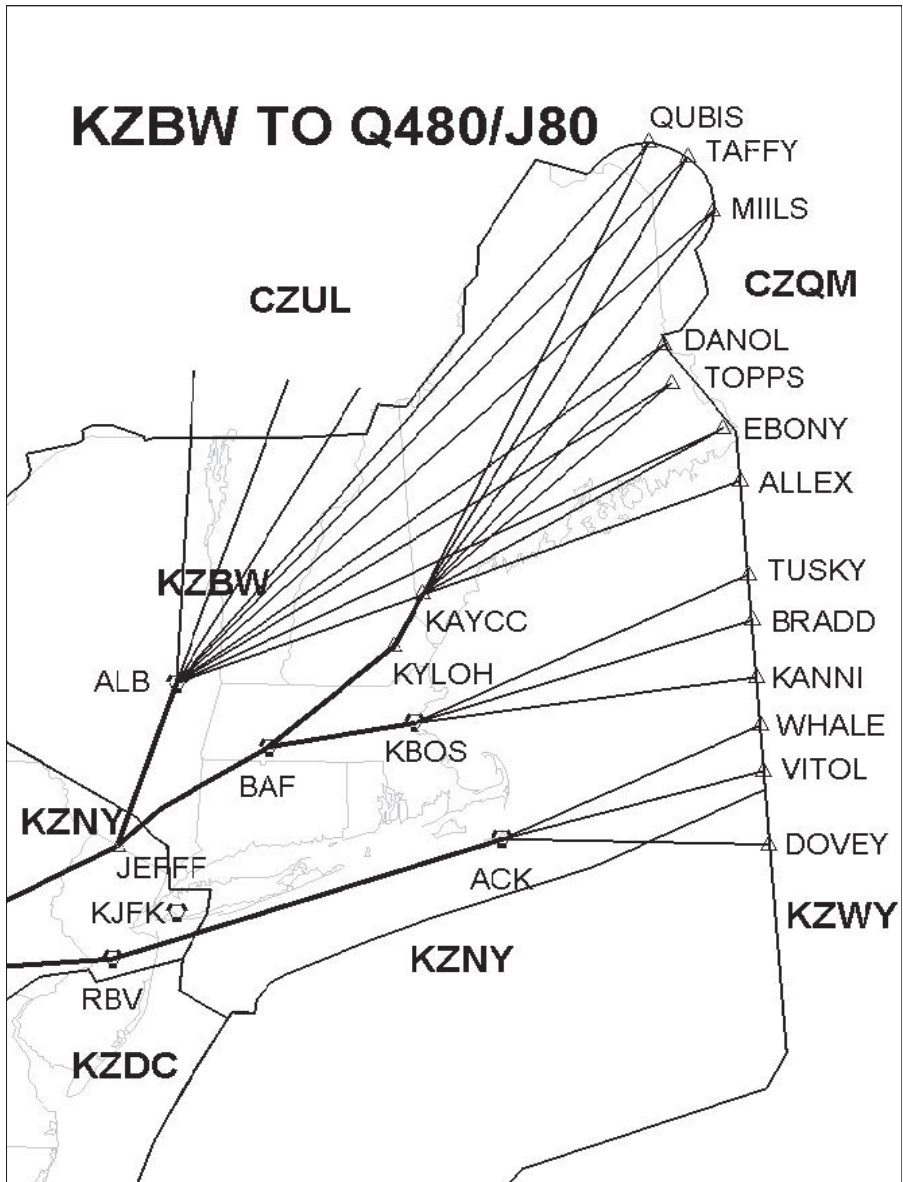
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NORTH AMERICAN ROUTES

NORTH AMERICAN ROUTES (NAR)

The following listing divides the NAR Route descriptions into two sections according to the direction of flight (eastbound or westbound). Each section is subdivided according to the route portion (Common or Non-common). The Common portion describes the NAR route between the Coastal Fix and the Inland Navigational Facility/Fix. The Non-common portion describes the route between the NAR route system airport being used and the Inland Navigational Facility/Fix.

COMMON PORTION (EASTBOUND)

NAR Designator	Inland Navigation Facility/Fix	Route Description	Coastal Fix
N3A	SIE	B24 LYNUS	SLATN
N7A	MANTA	OWENZ LINND R56	SLATN
N11A	SIE	B24 LYNUS	JOBOD
N15B	MANTA	OWENZ LINND R56 KENDA	JOBOD
N21A	VITOL	Direct	CARAC
N23A	WHALE		CARAC
N25A	ALLEX	Direct	CARAC
N27A	KANNI		CARAC
N29A	KANNI	GAYBL	CARAC
N31F	VITOL	LOMPI	JAROM
N33D	WHALE	LOMPI	JAROM
N35B	WHALE	GAYBL LOMPI	JAROM
N37C	EBONY	LOMPI	JAROM
N39A	KANNI	LOMPI	JAROM
N41A	KANNI	GAYBL LOMPI	JAROM
N43B	BRADD	LOMPI	JAROM
N45D	VITOL	NANSO	RAFIN
N47C	VITOL	CARAC NANSO	RAFIN
N49C	WHALE	NANSO	RAFIN
N51D	WHALE	GAYBL NANSO	RAFIN
N53D	KANNI	NANSO	RAFIN
N55A	BRADD	SCOTS	RAFIN
N57A	MIILS	PEPRA	RAFIN
N59C	MIILS	Direct	RAFIN
N61A	KANNI	GAYBL NANSO	RAFIN
N63A	BRADD	Direct	RAFIN
N65A	TUSKY	Direct	RAFIN
N67A	TUSKY	SCOTS	RAFIN
N69A	ALLEX	Direct	RAFIN
N71A	EBONY	Direct	RAFIN
N73A	VITOL	Direct	SUPRY
N75A	WHALE	Direct	SUPRY
N77A	WHALE	GAYBL	SUPRY
N79A	KANNI	Direct	SUPRY
N81A	BRADD	Direct	SUPRY
N83A	BRADD	SCOTS	SUPRY
N85A	TUSKY	SCOTS	SUPRY
N87A	TUSKY	Direct	SUPRY
N89A	MIILS	PEPRA	SUPRY
N91A	MIILS	RUBDA	SUPRY
N93A	MIILS	Direct	SUPRY
N95A	ALLEX	Direct	SUPRY
N97A	EBONY	Direct	SUPRY
N99A	VITOL	GAYBL	SUPRY
N101A	VITOL	Direct	RELIC
N103A	VITOL	GAYBL	RELIC
N105D	WHALE	Direct	RELIC
N107D	WHALE	GAYBL	RELIC
N109D	KANNI	Direct	RELIC
N111D	BRADD	Direct	RELIC
N113D	BRADD	SCOTS	RELIC
N115D	TUSKY	Direct	RELIC

NORTH AMERICAN ROUTES

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NAR Designator	Inland Navigation Facility/Fix	Route Description	Coastal Fix
N117B	TUSKY	SCOTS	RELIC
N119A	ALLEX	Direct	RELIC
N121A	MIILS	RUBDA	RELIC
N123A	MIILS	Direct	RELIC
N125A	EBONY	Direct	RELIC
N127A	TOPPS	Direct	RELIC
N129A	DANOL	Direct	RELIC
N131A	VITOL	GAYBL	PORTI
N133A	VITOL	Direct	PORTI
N135A	WHALE	Direct	PORTI
N137A	WHALE	GAYBL	PORTI
N139A	KANNI	Direct	PORTI
N141D	BRADD	Direct	PORTI
N143B	BRADD	SCOTS	PORTI
N145B	TUSKY	Direct	PORTI
N147B	TUSKY	ACADN	PORTI
N149D	ALLEX	Direct	PORTI
N151G	MIILS	RUBDA	PORTI
N153E	MIILS	SUTKO	PORTI
N155A	MIILS	Direct	PORTI
N157A	KANNI	GAYBL	PORTI
N159A	TUSKY	SCOTS	PORTI
N161A	VITOL	Direct	OMSAT
N163A	VITOL	GAYBL	OMSAT
N165A	WHALE	Direct	OMSAT
N167A	WHALE	GAYBL	OMSAT
N169A	KANNI	Direct	OMSAT
N171D	BRADD	Direct	OMSAT
N173D	BRADD	SCOTS	OMSAT
N175E	TUSKY	Direct	OMSAT
N177E	TUSKY	ACADN	OMSAT
N179E	ALLEX	Direct	OMSAT
N181G	MIILS	SUTKO	OMSAT
N183A	MIILS	Direct	OMSAT
N185A	CEFOU	Direct	OMSAT
N187A	KANNI	GAYBL	OMSAT
N189A	VITOL	Direct	NICSO
N191A	VITOL	GAYBL	NICSO
N193A	WHALE	Direct	NICSO
N195A	KANNI	Direct	NICSO
N197A	BRADD	Direct	NICSO
N199A	BRADD	SCOTS	NICSO
N201B	TUSKY	Direct	NICSO
N203B	TUSKY	ACADN	NICSO
N205B	ALLEX	Direct	NICSO
N207B	MIILS	SUTKO	NICSO
N209D	MIILS	TAGRA	NICSO
N211E	MIILS	Direct	NICSO
N213A	CEFOU	Direct	NICSO
N215A	WHALE	GAYBL	NICSO
N217A	WHALE	SCOTS	NICSO
N219A	VITOL	Direct	MUSAK
N221A	VITOL	GAYBL	MUSAK
N223A	WHALE	Direct	MUSAK
N225A	KANNI	Direct	MUSAK
N227A	BRADD	Direct	MUSAK
N229A	BRADD	SCOTS	MUSAK
N231A	TUSKY	Direct	MUSAK

NAR Designator	Inland Navigation Facility/Fix	Route Description	Coastal Fix
N233A	ALLEX	Direct	MUSAK
N235A	MIILS	TAGRA	MUSAK
N237A	MIILS	Direct	MUSAK
N239A	CEFOU	Direct	MUSAK
N241A	WHALE	GAYBL	MUSAK
N243A	WHALE	SCOTS	MUSAK
N245A	KANNI	SCOTS	MUSAK
N247A	VITOL	Direct	JOOPY
N249A	VITOL	GAYBL	JOOPY
N251A	WHALE	Direct	JOOPY
N253A	KANNI	Direct	JOOPY
N255A	BRADD	Direct	JOOPY
N257A	BRADD	SCOTS	JOOPY
N259A	KANNI	ACADN	JOOPY
N261A	TUSKY	Direct	JOOPY
N263A	ALLEX	Direct	JOOPY
N265A	MIILS	TAGRA	JOOPY
N267A	MIILS	VINSI	JOOPY
N269A	MIILS	Direct	JOOPY
N271A	CEFOU	Direct	JOOPY
N273A	WHALE	SCOTS	JOOPY
N275A	KANNI	SCOTS	JOOPY
N277A	EBONY	Direct	JOOPY
N279A	WHALE	Direct	IBERG
N281A	WHALE	SCOTS	IBERG
N283A	WHALE	ACADN	IBERG
N285A	BRADD	Direct	IBERG
N287A	KANNI	Direct	IBERG
N289A	KANNI	ACADN	IBERG
N291A	TUSKY	Direct	IBERG
N293A	ALLEX	Direct	IBERG
N295A	EBONY	Direct	IBERG
N297A	TOPPS	Direct	IBERG
N299A	MIILS	VINSI	IBERG
N301B	MIILS	Direct	IBERG
N303B	CEFOU	Direct	IBERG
N305A	DANOL	Direct	IBERG
N309A	WHALE	SCOTS	ELSIR
N311A	WHALE	ACADN	ELSIR
N313A	WHALE	Direct	ELSIR
N315A	KANNI	SCOTS	ELSIR
N317A	KANNI	Direct	ELSIR
N319A	BRADD	Direct	ELSIR
N321A	TUSKY	Direct	ELSIR
N323A	ALLEX	Direct	ELSIR
N325A	EBONY	Direct	ELSIR
N327B	TOPPS	Direct	ELSIR
N329B	MIILS	Direct	ELSIR
N331B	CEFOU	LOPRO	ELSIR
N333B	CEFOU	Direct	ELSIR
N335A	BAREE	Direct	ELSIR
N337A	ANCER	Direct	ELSIR
N339A	WHALE	Direct	BUDAR
N341A	WHALE	SCOTS	BUDAR
N343A	WHALE	ACADN	BUDAR
N345A	KANNI	Direct	BUDAR
N347A	KANNI	ACADN	BUDAR
N349A	BRADD	Direct	BUDAR

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NAR Designator	Inland Navigation Facility/Fix	Route Description	Coastal Fix
N351B	TUSKY	Direct	BUDAR
N353B	ALLEX	Direct	BUDAR
N355B	EBONY	Direct	BUDAR
N357B	TOPPS	Direct	BUDAR
N359B	MIILS	Direct	BUDAR
N361B	MIILS	LOPRO	BUDAR
N363A	CEFOU	MIGLI	BUDAR
N365A	CEFOU	Direct	BUDAR
N367A	BAREE	Direct	BUDAR
N369A	ANCER	Direct	BUDAR
N371A	DANOL	Direct	BUDAR
N373A	KANNI	Direct	ALLRY
N375A	BRADD	Direct	ALLRY
N377A	TUSKY	Direct	ALLRY
N379A	ALLEX	Direct	ALLRY
N381B	EBONY	Direct	ALLRY
N383B	TOPPS	Direct	ALLRY
N385B	MIILS	Direct	ALLRY
N387B	CEFOU	MIGLI	ALLRY
N389B	CEFOU	Direct	ALLRY
N391A	BAREE	Direct	ALLRY
N393A	ANCER	Direct	ALLRY
N395A	DANOL	Direct	ALLRY
N397A	TAFFY	Direct	ALLRY
N403A	KANNI	Direct	UMESI
N405A	BRADD	Direct	UMESI
N407A	TUSKY	Direct	UMESI
N409A	ALLEX	Direct	UMESI
N411B	EBONY	Direct	UMESI
N413B	TOPPS	Direct	UMESI
N415B	MIILS	Direct	UMESI
N417B	CEFOU	Direct	UMESI
N419B	BAREE	Direct	UMESI
N421A	ANCER	Direct	UMESI
N423A	DANOL	Direct	UMESI
N425A	TAFFY	Direct	UMESI
N431A	KANNI	Direct	TUDEP
N433A	BRADD	Direct	TUDEP
N435A	TUSKY	Direct	TUDEP
N437A	ALLEX	Direct	TUDEP
N439A	EBONY	Direct	TUDEP
N441A	TOPPS	Direct	TUDEP
N443A	MIILS	Direct	TUDEP
N445A	BAREE	Direct	TUDEP
N447A	ANCER	Direct	TUDEP
N449A	DANOL	Direct	TUDEP
N451A	TAFFY	Direct	TUDEP
N453A	CEFOU	Direct	TUDEP
N461A	KANNI	Direct	SAXAN
N463A	BRADD	Direct	SAXAN
N465A	TUSKY	Direct	SAXAN
N467A	ALLEX	Direct	SAXAN
N469A	EBONY	Direct	SAXAN
N471A	TOPPS	Direct	SAXAN
N473A	MIILS	Direct	SAXAN
N475A	TAFFY	Direct	SAXAN
N477A	BAREE	Direct	SAXAN
N479A	ANCER	Direct	SAXAN

NAR Designator	Inland Navigation Facility/Fix	Route Description	Coastal Fix
N481A	DANOL	Direct	SAXAN
N483A	CEFOU	Direct	SAXAN
N491A	BRADD	Direct	RIKAL
N493A	TUSKY	Direct	RIKAL
N495C	ALLEX	Direct	RIKAL
N497C	EBONY	Direct	RIKAL
N499A	TOPPS	Direct	RIKAL
N501A	MIILS	Direct	RIKAL
N503A	TAFFY	Direct	RIKAL
N505A	BAREE	Direct	RIKAL
N507A	ANCER	Direct	RIKAL
N509A	DANOL	Direct	RIKAL
N511A	CEFOU	Direct	RIKAL
N521A	BRADD	Direct	PELTU
N523A	TUSKY	Direct	PELTU
N525A	ALLEX	Direct	PELTU
N527A	EBONY	Direct	PELTU
N529A	TOPPS	Direct	PELTU
N531A	MIILS	Direct	PELTU
N533A	TAFFY	Direct	PELTU
N535A	BAREE	Direct	PELTU
N537A	ANCER	Direct	PELTU
N539A	DANOL	Direct	PELTU
N541A	CEFOU	Direct	PELTU
N553A	TUSKY	Direct	NEEKO
N555A	EBONY	Direct	NEEKO
N557A	TOPPS	Direct	NEEKO
N559A	TAFFY	Direct	NEEKO
N561A	BAREE	Direct	NEEKO
N563A	MIILS	Direct	NEEKO
N565A	ANCER	Direct	NEEKO
N567A	ALLEX	Direct	NEEKO
N569A	DANOL	Direct	NEEKO
N571A	QUBIS	Direct	NEEKO
N573A	CEFOU	Direct	NEEKO
N583A	ALLEX	Direct	MELDI
N585A	EBONY	Direct	MELDI
N587A	TOPPS	Direct	MELDI
N589A	MIILS	Direct	MELDI
N591A	TAFFY	Direct	MELDI
N593A	QUBIS	Direct	MELDI
N595A	ANCER	Direct	MELDI
N597A	BAREE	Direct	MELDI
N599A	DANOL	Direct	MELDI
N601A	CEFOU	Direct	MELDI
N613A	ALLEX	Direct	LOMSI
N615A	EBONY	Direct	LOMSI
N617A	TOPPS	Direct	LOMSI
N619A	MIILS	Direct	LOMSI
N621A	TAFFY	Direct	LOMSI
N623A	QUBIS	Direct	LOMSI
N625A	ANCER	Direct	LOMSI
N627A	BAREE	Direct	LOMSI
N629A	CEFOU	Direct	LOMSI
N631A	DANOL	Direct	LOMSI
N643A	ALLEX	Direct	KODIK
N645A	EBONY	Direct	KODIK
N647A	TOPPS	Direct	KODIK

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NAR Designator	Inland Navigation Facility/Fix	Route Description	Coastal Fix
N649A	MIILS	Direct	KODIK
N651A	TAFFY	Direct	KODIK
N653A	QUBIS	Direct	KODIK
N655A	ANCER	Direct	KODIK
N657A	BAREE	Direct	KODIK
N659A	CEFOU	Direct	KODIK
N661A	DANOL	Direct	KODIK
N673A	ALLEX	Direct	JANJO
N675A	EBONY	Direct	JANJO
N677A	TOPPS	Direct	JANJO
N679A	MIILS	Direct	JANJO
N681A	TAFFY	Direct	JANJO
N683A	QUBIS	Direct	JANJO
N685A	ANCER	Direct	JANJO
N687A	BAREE	Direct	JANJO
N689A	CEFOU	Direct	JANJO
N703A	ALLEX	Direct	IRLOK
N705A	EBONY	SERBO	IRLOK
N707A	TOPPS	SERBO	IRLOK
N709A	MIILS	Direct	IRLOK
N711A	TAFFY	Direct	IRLOK
N713A	QUBIS	Direct	IRLOK
N715A	ANCER	Direct	IRLOK
N717A	BAREE	Direct	IRLOK
N719A	CEFOU	Direct	IRLOK
N733A	EBONY	Direct	HOIST
N735A	TOPPS	Direct	HOIST
N737A	MIILS	Direct	HOIST
N739A	TAFFY	Direct	HOIST
N741A	QUBIS	Direct	HOIST
N743A	BAREE	Direct	HOIST
N745A	ANCER	YBC	HOIST
N747A	CEFOU	Direct	HOIST
N763A	EBONY	Direct	ENNSO
N765A	TOPPS	Direct	ENNSO
N767A	MIILS	Direct	ENNSO
N769A	TAFFY	Direct	ENNSO
N771A	QUBIS	Direct	ENNSO
N773A	BAREE	Direct	ENNSO
N775A	ANCER	YBC	ENNSO
N777A	CEFOU	Direct	ENNSO
N793A	TOPPS	Direct	DORYY
N795A	MIILS	Direct	DORYY
N797A	TAFFY	Direct	DORYY
N799A	QUBIS	Direct	DORYY
N801A	BAREE	YBC	DORYY
N803A	ANCER	YBC	DORYY
N805A	CEFOU	Direct	DORYY
N815A	BAREE	Direct	CUDDY
N823A	TOPPS	Direct	BOKTO
N825A	BAREE	Direct	BOKTO
N827A	TAFFY	Direct	BOKTO
N829A	CEFOU	Direct	BOKTO
N831A	BAREE	Direct	BOKTO
N833A	TOPPS	Direct	AVUTI
N835A	TAFFY	Direct	AVUTI
N837A	QUBIS	Direct	AVUTI
N839A	BAREE	DUVBI	AVUTI

NAR Designator	Inland Navigation Facility/Fix	Route Description	Coastal Fix
N841B	BAREE	KISUV YZV	AVUTI
N843A	BAREE	Direct	AVUTI
N845A	ANCER	YBC	AVUTI
N847A	CEFOU	Direct	AVUTI
N855A	TAFFY	DUVBI	VESMI
N857A	QUBIS	DUVBI	VESMI
N859A	BAREE	DUVBI	VESMI
N861A	ANCER	YBC	VESMI
N863A	CEFOU	Direct	VESMI
N875A	TAFFY	YDP	URTAK
N877A	QUBIS	YDP	URTAK
N879A	BAREE	YDP	URTAK
N881A	ANCER	YBC YDP	URTAK
N883A	CEFOU	YDP	URTAK
N885A	EBONY	Direct	PORTI
N887A	TOPPS	Direct	PORTI
N889A	DANOL	Direct	PORTI
N891A	TUSKY	SCOTS	OMSAT
N893A	EBONY	Direct	OMSAT
N895A	TOPPS	Direct	OMSAT
N897A	DANOL	Direct	OMSAT
N899A	KANNI	SCOTS	NICSO
N901A	TUSKY	SCOTS	NICSO
N903A	EBONY	Direct	NICSO
N905A	TOPPS	Direct	NICSO
N907A	DANOL	Direct	NICSO
N909A	TUSKY	SCOTS	MUSAK
N911A	EBONY	Direct	MUSAK
N913A	TOPPS	Direct	MUSAK
N915A	DANOL	Direct	MUSAK
N917A	TOPPS	Direct	JOOPY
N919A	DANOL	Direct	JOOPY
N921A	KANNI	ACADN	ELSIR
N923A	DANOL	Direct	ELSIR
N925A	ANCER	YBC	BOKTO
N927A	KANNI	GAYBL	RELIC
N929A	TUSKY	ACADN	RELIC

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COMMON PORTION (WESTBOUND)

NAR Designator	Coastal Fix	Route Description	Inland Navigation Facility Fix
N4A	SLATN	Direct	BERGH
N12D	JOBOC	Direct	BERGH
N14C	JOBOC	Direct	SAILE
N20B	DOVEY	Direct	SAILE
N26B	CARAC	Direct	VITOL
N28B	CARAC	Direct	WHALE
N30B	CARAC	Direct	KANNI
N32B	CARAC	Direct	BRADD
N34B	CARAC	Direct	TOPPS
N46G	JAROM	LOMPI CARAC	VITOL
N48G	JAROM	LOMPI GAYBL	VITOL
N50G	JAROM	LOMPI	WHALE
N52G	JAROM	LOMPI GAYBL	WHALE
N54G	JAROM	LOMPI	KANNI
N56G	JAROM	LOMPI	BRADD
N58D	JAROM	LOMPI	TUSKY
N60D	JAROM	LOMPI SCOTS	TUSKY
N62C	JAROM	LOMPI	TOPPS
N76A	RAFIN	NANSO	VITOL
N78A	RAFIN	NANSOL GAYBL	VITOL
N80A	RAFIN	NANSO	WHALE
N82A	RAFIN	NANSO	KANNI
N84A	RAFIN	Direct	BRADD
N86A	RAFIN	Direct	TUSKY
N88A	RAFIN	ACADN	TUSKY
N90A	RAFIN	Direct	MIILS
N106B	SUPRY	Direct	VITOL
N108B	SUPRY	GAYBL	VITOL
N110B	SUPRY	Direct	WHALE
N112D	SUPRY	Direct	KANNI
N114E	SUPRY	Direct	BRADD
N116A	SUPRY	Direct	TUSKY
N118A	SUPRY	ACADN	TUSKY
N120A	SUPRY	Direct	MIILS
N136A	RELIC	Direct	VITOL
N138A	RELIC	GAYBL	VITOL
N140A	RELIC	Direct	WHALE
N142D	RELIC	SCOTS	WHALE
N144D	RELIC	Direct	BRADD
N146D	RELIC	SCOTS	BRADD
N148D	RELIC	Direct	TUSKY
N150B	RELIC	SCOTS	TUSKY
N152A	RELIC	Direct	ALLEX
N154A	RELIC	Direct	MIILS
N166A	PORTI	Direct	WHALE
N168A	PORTI	Direct	KANNI
N170A	PORTI	Direct	BRADD
N172B	PORTI	SCOTS	BRADD
N174B	PORTI	Direct	TUSKY
N176B	PORTI	ACADN	TUSKY
N180A	PORTI	Direct	ALLEX
N182A	PORTI	Direct	MIILS
N196A	OMSAT	Direct	WHALE
N198A	OMSAT	GAYBL	WHALE
N200D	OMSAT	Direct	KANNI
N202D	OMSAT	Direct	BRADD
N204D	OMSAT	SCOTS	BRADD

NAR Designator	Coastal Fix	Route Description	Inland Navigation Facility Fix
N206E	OMSAT	Direct	TUSKY
N208A	OMSAT	ACADN	TUSKY
N210A	OMSAT	Direct	ALLEX
N212A	OMSAT	Direct	MIILS
N226A	NICSO	SCOTS	BRADD
N228A	NICSO	ACADN	TUSKY
N230A	NICSO	Direct	KANNI
N232A	NICSO	Direct	BRADD
N234A	NICSO	Direct	TUSKY
N236A	NICSO	Direct	ALLEX
N238A	NICSO	Direct	MIILS
N256A	MUSAK	Direct	BRADD
N258A	MUSAK	SCOTS	BRADD
N260A	MUSAK	Direct	TUSKY
N262A	MUSAK	Direct	ALLEX
N264A	MUSAK	Direct	MIILS
N276C	JOOPY	Direct	TUSKY
N278B	JOOPY	Direct	ALLEX
N280A	JOOPY	Direct	MIILS
N296A	IBERG	Direct	TUSKY
N298A	IBERG	Direct	ALLEX
N300B	IBERG	Direct	EBONY
N302E	IBERG	Direct	TOPPS
N304B	IBERG	Direct	MIILS
N316A	ELSIR	Direct	TUSKY
N318A	ELSIR	Direct	ALLEX
N320A	ELSIR	Direct	EBONY
N322A*	ELSIR	Direct	TOPPS
N324A	ELSIR	Direct	MIILS
N336A	BUDAR	Direct	TUSKY
N338A	BUDAR	Direct	ALLEX
N340A	BUDAR	Direct	EBONY
N342A	BUDAR	Direct	TOPPS
N344A	BUDAR	Direct	MIILS
N356E	ALLRY	Direct	ALLEX
N358A	ALLRY	Direct	EBONY
N360A	ALLRY	Direct	TOPPS
N362A	ALLRY	Direct	MIILS
N376A	UMESI	Direct	ALLEX
N378A	UMESI	Direct	EBONY
N380B	UMESI	Direct	TOPPS
N382B	UMESI	Direct	MIILS
N384C	UMESI	Direct	ANATI
N386D	UMESI	ANATI OMALI TOXAL	KJOHN
N396A	TUDEP	Direct	ALLEX
N398A	TUDEP	Direct	TOPPS
N400A	TUDEP	Direct	MIILS
N402B	TUDEP	Direct	ANATI
N404C	TUDEP	ANATI OMALI TOXAL	KJOHN
N416B	SAXAN	Direct	ALLEX
N418B	SAXAN	Direct	TOPPS
N420A	SAXAN	Direct	MIILS
N422B	SAXAN	Direct	ANATI
N424J	SAXAN	ANATI OMALI TOXAL	KJOHN
N436A	RIKAL	Direct	ALLEX
N438A	RIKAL	Direct	TOPPS
N440B	RIKAL	Direct	ANATI
N442C	RIKAL	ANATI OMALI TOXAL	KJOHN

NORTH AMERICAN ROUTES

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NAR Designator	Coastal Fix	Route Description	Inland Navigation Facility Fix
N456B	PELTU	Direct	ALLEX
N458A	PELTU	Direct	TOPPS
N460A	PELTU	Direct	TAFFY
N462B	PELTU	Direct	ANATI
N464C	PELTU	ANATI OMALI TOXAL	KJOHN
N476A	NEEKO	Direct	ALLEX
N478A	NEEKO	Direct	TOPPS
N480A	NEEKO	Direct	TAFFY
N482B	NEEKO	Direct	ANATI
N484C	NEEKO	ANATI OMALI TOXAL	KJOHN
N496F	MELDI	Direct	TOPPS
N498C	MELDI	Direct	TAFFY
N500B	MELDI	Direct	ANATI
N502E	MELDI	ANATI OMALI TOXAL	KJOHN
N516A	LOMSI	Direct	TOPPS
N518A	LOMSI	Direct	TAFFY
N520B	LOMSI	Direct	ANATI
N522C	LOMSI	ANATI OMALI TOXAL	KJOHN
N536C	KODIK	Direct	TOPPS
N538C	KODIK	Direct	TAFFY
N540C	KODIK	Direct	YBC
N542B	KODIK	Direct	ANATI
N544C	KODIK	ANATI OMALI TOXAL	KJOHN
N556A	JANJO	Direct	TOPPS
N558A	JANJO	Direct	TAFFY
N560A	JANJO	Direct	YBC
N562C	JANJO	ANATI OMALI TOXAL	KJOHN
N576A	IRLOK	Direct	TAFFY
N578A	IRLOK	Direct	QUBIS
N580A	IRLOK	Direct	YBC
N582C	IRLOK	ANATI OMALI TOXAL	KJOHN
N584B	IRLOK	OMTOL	MT
N596A	HOIST	Direct	TAFFY
N598C	HOIST	Direct	QUBIS
N600A	HOIST	Direct	YBC
N602C	HOIST	ANATI OMALI TOXAL	KJOHN
N604B	HOIST	OMTOL	MT
N606B	HOIST	YYR	ANATI
N616A	ENNSO	Direct	TAFFY
N618A	ENNSO	Direct	QUBIS
N620B	ENNSO	Direct	YBC
N622C	ENNSO	ANATI OMALI TOXAL	KJOHN
N624B	ENNSO	OMTOL	MT
N636A	DORYY	BORUB	YZV
N638A	DORYY	Direct	TAFFY
N640B	DORYY	Direct	QUBIS
N642A	DORYY	Direct	YBC
N644C	DORYY	ANATI OMALI TOXAL	KJOHN
N658A	CUDDY	Direct	MT
N660B	CUDDY	NOWAA	SSM
N662B	CUDDY	Direct	YBC
N676A	BOKTO	Direct	DUVBI
N678B	BOKTO	DUVBI	YBC
N680B	BOKTO	DUVBI	QUBIS
N682A	BOKTO	DUVBI	MT
N684B	BOKTO	PUVOK	ROUND
N696A	AVUTI	Direct	YDP
N698A	AVUTI	Direct	DUVBI

NAR Designator	Coastal Fix	Route Description	Inland Navigation Facility Fix
N700B	AVUTI	DUVBI	TAFFY
N702A	AVUTI	DUVBI	QUBIS
N704A	AVUTI	YDP	YBC
N706A	AVUTI	YDP	MT
N708A	AVUTI	YDP MT REEDO ART	SYR
N710A	AVUTI	YDP	ROUND
N712A	AVUTI	YDP JOVIE HENDY SELBO	SSM
N714A	AVUTI	YDP ROUND	SSM
N716A	AVUTI	ALSOP	TEALS
N726A	VESMI	Direct	ALSOP
N728A	VESMI	LOMTA	TEALS
N730B	VESMI	ALSOP PUVOK	ROUND
N732A	VESMI	ALSOP JOVIE	MT
N734B	VESMI	ALSOP	YBC
N736A	VESMI	ALSOP	QUBIS
N746A	URTAK	Direct	ALSOP
N748A	URTAK	Direct	LOMTA
N750A	URTAK	LOMTA	TAFFY
N752A	URTAK	LOMTA	QUBIS
N754A	URTAK	LOMTA	YBC
N756B	URTAK	LOMTA YBC OMALI TOXAL	KJOHN
N758A	URTAK	LOMTA	VANSI
N760A	URTAK	LOMTA VANSI STAFE	SSM
N762A	URTAK	UDMAR	MCKEE
N776A	TOXIT	Direct	UDMAR
N778A	TOXIT	UDMAR	QUBIS
N780A	TOXIT	LAKES	YBC
N782A	TOXIT	Direct	LAKES
N784A	TOXIT	UDMAR	TEALS
N796A	SAVRY	Direct	IRBIM
N798A	SAVRY	IRBIM	TAFFY
N800A	SAVRY	IRBIM	YBC
N802A	SAVRY	IRBIM	MT
N804A	SAVRY	IRBIM MT REEDO ART	SYR
N806A	SAVRY	Direct	LAKES
N808A	SAVRY	Direct	SINGA
N810A	SAVRY	Direct	UDMAR
N816A	RADUN	Direct	SINGA
N818A	RADUN	SINGA	LAKES
N820A	RADUN	Direct	KLIPS
N822A	RADUN	PEPKI	LOPVI
N836A	PIDSO	Direct	SINGA
N838A	PIDSO	Direct	PEPKI
N840A	PIDSO	PEPKI	LOPVI
N842A	PIDSO	MUSLO	RODBO
N846A	NIFTY	Direct	MUSLO
N848A	NIFTY	MUSLO	SEMTO
N850A	NIFTY	MUSLO	LOPVI
N856A	MAXAR	Direct	MIBNO
N858A	MAXAR	MIBNO	RODBO
N860A	MAXAR	Direct	MUSLO
N862A	MAXAR	MUSLO	LOPVI
N866A	LIBOR	Direct	RODBO
N868A	LIBOR	GRIBS	JELCO
N876A	KETLA	Direct	GRIBS
N878A	KETLA	GRIBS	JELCO
N880A	KETLA	Direct	FEDDY
N886A	EMBOK	IKMAN	FEDDY

NAR Designator	Coastal Fix	Route Description	Inland Navigation Facility Fix
N888A	EMBOK	BERUS	TEFFO
N896A	CLAVY	KAGLY	TEFFO
N898A	CLAVY	Direct	MUSVA
N906A	AVPUT	NALDI	DUTUM
N931A	JOOPY	ACDAN	BRADD

* Check for all active CYBG NOTAMS before flight planning this NAR. NARS affected by each military area can be determined by the following:

AFFECTED NARS BLW FL330:

CYR630: N458A, N460A, N344C, N500B, N542B

CYR629: N388A, N390A, N392F, N420A, N422A, N462A, N464F, N506A, N542B, N544A, N550A, N590A, N596A

CYR628: N388A, N390A, N392F, N420A, N422A, N462A, N464F, N506A, N544A, N550A, N590A, N596A

AFFECTED NARS ABV FL310:

CYR666: N458A, N460A, N500B, N542B

CYR665: N388A, N390A, N392F, N420A, N422A, N462A, N464F, N506A, N542B, N544A, N550A, N590A, N596A

CYR664: N388A, N390A, N392F, N420A, N422A, N462A, N464F, N506A, N544A, N550A, N590A, N596A

**NON-COMMON PORTION (WESTBOUND)
VIA ALLEX**

Inland Navigation Facility/Fix	Non-Common Portion	Destination
ALLEX	LARIE Q220 RIFLE Q167 ZIZZI KNUKK ATR LAFLN SPISY (RNAV)-STAR	ANDREWS
ALLEX	KAYCC KYLOH BAF Q448 PTW J48 MOL FLASK OZZZI (RNAV)-STAR	ATLANTA
ALLEX	KAYCC KYLOH BAF Q406 BWZ J6 HVQ Q68 LITTR TXK BROBB WINDU SEWZY (RNAV)-STAR	AUSTIN
ALLEX	KAYCC KYLOH NELIE Q75 MXE NUGGY TRISH (RNAV)-STAR	BALTIMORE
ALLEX	SCUPP	BEDFORD
ALLEX	AJJAY OOSHN (RNAV)-STAR	BOSTON
ALLEX	FOXBO RIFLE HEADI Q97 SAWED DFENC Q109 LAANA AMYLU AMYLU (RNAV)-STAR	CHARLESTON, SC
ALLEX	KAYCC KYLOH NELIE Q75 GVE LYH CHSLY (RNAV)-STAR	CHARLOTTE
ALLEX	ALB J49 PSB MAULL KODIE CTW TIGRR (RNAV)-STAR	CINCINNATI
ALLEX	KAYCC KYLOH BAF Q406 BWZ J6 HVQ Q68 LITTR FEWWW SEEVR (RNAV)-STAR	DALLAS/FT WORTH
ALLEX	GONZZ DONEO TPGUN (RNAV)-STAR	DETROIT
ALLEX	LARIE Q220 RIFLE Q439 BRIGS SIE	DOVER
ALLEX	KAYCC KYLOH BAF HYPER Arrival	DULLES
ALLEX	FOXBO RIFLE Q167 KALDA COUPN RDU	FAYETTEVILLE, NC
ALLEX	FOXBO RIFLE HEADI Q97 KALDA Q133 CHIEZ Y291 MAJIK CUUDA (RNAV)-STAR	FT LAUDERDALE
ALLEX	KAYCC KYLOH NELIE Q75 GVE FUBLL JUNNR (RNAV)-STAR	GREER, SC
ALLEX	KAYCC KYLOH BAF Q448 PTW J48 CSN FANPO Q40 AEX DOOBI (RNAV)-STAR	HOUSTON
ALLEX	ENE PARCH Arrival	KENNEDY
ALLEX	KAYCC KYLOH BAF Q406 BWZ J6 HVQ Q68 YOCKY UNCKL MAUDD (RNAV)-STAR	LOUISVILLE
ALLEX	LARIE Q220 RIFLE Q439 DRIFT V312 CYN	MCGUIRE
ALLEX	FOXBO RIFLE HEADI Q97 SAWED MOXXY Q85 LPERD OMN BITHO STAR	MELBOURNE, FL
ALLEX	KAYCC KYLOH BAF Q406 BWZ J6 HVQ Q68 RYANS BWG BLUZZ (RNAV)-STAR	MEMPHIS
ALLEX	FOXBO RIFLE HEADI Q97 KALDA Q101 SKARP Y313 HOAGG BNFSSH (RNAV)-STAR	MIAMI
ALLEX	KAYCC KYLOH BAF Q406 BWZ J6 HVQ Q68 YOCKY GROAT PASLY (RNAV)-STAR	NASHVILLE
ALLEX	KAYCC KYLOH BAF Q448 PTW J48 CSN FANPO Q40 NIOLA MERDN TRSSH (RNAV)-STAR	NEW ORLEANS
ALLEX	HANAA FLOSI (RNAV)-STAR	NEWARK
ALLEX	FOXBO RIFLE HEADI Q97 KALDA Q131 ZILLS Y289 BAHAA HIBAC ALYNA (RNAV)-STAR	ORLANDO
ALLEX	LARIE Q220 RIFLE Q439 BRIGS JIIMS (RNAV)-STAR	PHILADELPHIA
ALLEX	ENE CTR HNK KONJE SLT HAYNZ (RNAV)-STAR	PITTSBURGH
ALLEX	FOXBO RIFLE Q167 ZJAAY TAQLE (RNAV)-STAR	RALEIGH-DURHAM
ALLEX	ALB V123 TRESA	STEWART
ALLEX	KAYCC KYLOH NELIE Q75 TEUFL BAAMF DADES (RNAV)-STAR	TAMPA
ALLEX	ALB V489 COATE	TETERBORO
ALLEX	ALB VALRE-STAR	WESTCHESTER
ALLEX	LFV SEY ARCAV HTO	WESTHAMPTON BEACH
ALLEX	ENE KEYNN	WINDSOR LOCKS

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VIA ANATI

Inland Navigation Facility/Fix	Non-Common Portion	Destination
ANATI	POLTY Q804 DERLO DJB J83 APE SPAYD HLRRY ONDRE (RNAV)-STAR	ATLANTA
ANATI	KAPUX HOCKE FNT WYNDE (RNAV)-STAR	CHICAGO
ANATI	POLTY Q804 DERLO DJB J83 APE TIGRR (RNAV)-STAR	CINCINNATI
ANATI	POLTY Q804 DERLO WWSHR Q29 KLYNE PXV LIT FEWWW SEEV (RNAV)-STAR	DALLAS/FT WORTH
ANATI	BOBTA TPGUN (RNAV)-STAR	DETROIT
ANATI	KAPUX AXXIS SPICA SPICA-STAR	DETROIT
ANATI	POLTY Q804 DERLO WWSHR Q29 KLYNE PXV J131 LIT J180 SWB ZEEKK (RNAV)-STAR	HOUSTON
ANATI	ROSVO ECK GIJ RBS AARCH (RNAV)-STAR	ST. LOUIS

VIA BRADD

Inland Navigation Facility/Fix	Non-Common Portion	Destination
BRADD	LARIE Q220 RIFLE Q167 ZIZZI KNUKK ATR LAFLN SPISY (RNAV)-STAR	ANDREWS
BRADD	BOS BAF Q448 PTW J48 MOL FLASK OZZZI (RNAV)-STAR	ATLANTA
BRADD	BOS BAF Q406 BWZ J6 HVQ Q68 LITTR TXK BROBB WINDU SEWZY (RNAV)-STAR	AUSTIN
BRADD	BOS Q75 MXE NUGGY TRISH (RNAV)-STAR	BALTIMORE
BRADD	SCUPP	BEDFORD
BRADD	EURRO OOSHN (RNAV)-STAR	BOSTON
BRADD	FOXBO RIFLE HEADI Q97 SAWED DFENC Q109 LAANA AMYLU AMYLU (RNAV)-STAR	CHARLESTON, SC
BRADD	BOS Q75 GVE LYH CHSLY (RNAV)-STAR	CHARLOTTE
BRADD	BOS CTR HNK J49 PSB MAULL KODIE CTW TIGRR (RNAV)-STAR	CINCINNATI
BRADD	BOS BAF Q406 BWZ J6 HVQ Q68 LITTR FEWWWW SEEVR (RNAV)-STAR	DALLAS/FT WORTH
BRADD	GONZZ DONEO TPGUN (RNAV)-STAR	DETROIT
BRADD	LARIE Q220 RIFLE Q439 BRIGS SIE	DOVER
BRADD	BOS BAF HYPER Arrival	DULLES
BRADD	FOXBO RIFLE Q167 KALDA COUPN RDU	FAYETTEVILLE, NC
BRADD	FOXBO RIFLE HEADI Q97 KALDA Q133 CHIEZ Y291 MAJIK CUUDA (RNAV)-STAR	FT LAUDERDALE
BRADD	COPLY Q75 GVE FUBLL JUNNR (RNAV)-STAR	GREER, SC
BRADD	BOS BAF Q448 PTW J48 CSN FANPO Q40 AEX DOOBI (RNAV)-STAR	HOUSTON
BRADD	PLYMM PARCH Arrival	KENNEDY
BRADD	BOS BAF Q406 BWZ J6 HVQ Q68 YOCKY UNCKL MAUDD (RNAV)-STAR	LOUISVILLE
BRADD	LARIE Q220 RIFLE Q439 DRIFT V312 CYN	MCGUIRE
BRADD	FOXBO RIFLE HEADI Q97 SAWED MOXXY Q85 LPERD OMN BITHO STAR	MELBOURNE, FL
BRADD	BOS BAF Q406 BWZ J6 HVQ Q68 RYANS BWG BLUZZ (RNAV)-STAR	MEMPHIS
BRADD	FOXBO RIFLE HEADI Q97 KALDA Q101 SKARP Y313 HOAGG BNFSSH (RNAV)-STAR	MIAMI
BRADD	BOS BAF Q406 BWZ J6 HVQ Q68 YOCKY GROAT PASLY (RNAV)-STAR	NASHVILLE
BRADD	BOS BAF Q448 PTW J48 CSN FANPO Q40 NIOLA MERDN TRSSH (RNAV)-STAR	NEW ORLEANS
BRADD	COPLY BOS NELIE FLOSI (RNAV)-STAR	NEWARK
BRADD	FOXBO RIFLE HEADI Q97 KALDA Q131 ZILLS Y289 BAHAA HIBAC ALYNA (RNAV)-STAR	ORLANDO
BRADD	LARIE Q220 RIFLE Q439 BRIGS JIIMS (RNAV)-STAR	PHILADELPHIA
BRADD	BOS CTR HNK KONJE SLT HAYNZ (RNAV)-STAR	PITTSBURGH
BRADD	FOXBO RIFLE Q167 ZJAAY TAQLE (RNAV)-STAR	RALEIGH-DURHAM
BRADD	COPLY BOS NELIE T212 TRESA	STEWART
BRADD	BOS Q75 TEUFL BAAMF DADES (RNAV)-STAR	TAMPA
BRADD	COPLY BOS BAF MOBBS SAGES V489 COATE	TETERBORO
BRADD	COPLY BOS NELIE VALRE VALRE-STAR	WESTCHESTER
BRADD	LFV SEY ARCAV HTO	WESTHAMPTON BEACH
BRADD	BOS V1 GRAYM WITNY	WINDSOR LOCKS

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VIA DOVEY

Inland Navigation Facility/Fix	Non-Common Portion	Destination
DOVEY	JAWZZ Q220 RIFLE Q167 ZIZZI KNUKK ATR LAFLN SPISY (RNAV)-STAR	ANDREWS
DOVEY	ACK Q430 BYRDD J48 MOL FLASK OZZZI (RNAV)-STAR	ATLANTA
DOVEY	ACK Q430 SAAME J6 HVQ Q68 LITTR TXK BROBB WINDU SEWZY (RNAV)-STAR	AUSTIN
DOVEY	SCUPP	BEDFORD
DOVEY	FERNZ OOSHN (RNAV)-STAR	BOSTON
DOVEY	ACK Q430 RIFLE HEADI Q97 SAWED DFENC Q109 LAANA AMYLU AMYLU (RNAV)-STAR	CHARLESTON, SC
DOVEY	ACK Q430 COPES Q75 GVE LYH CHSLY (RNAV)-STAR	CHARLOTTE
DOVEY	BOS CTR HNK J49 PSB MAULL KODIE CTW TIGRR (RNAV)-STAR	CINCINNATI
DOVEY	ACK Q430 SAAME J6 HVQ Q68 LITTR FEWWW SEEVV (RNAV)-STAR	DALLAS/FT WORTH
DOVEY	ACK Q430 SAAME BRNAN Q42 PSYKO KOZAR BONZZ (RNAV)-STAR	DETROIT
DOVEY	JAWZZ Q220 RIFLE Q439 BRIGS SIE	DOVER
DOVEY	ACK Q430 RBV HYPER (RNAV)-STAR	DULLES
DOVEY	ACK Q430 RIFLE Q167 KALDA COUPN RDU	FAYETTEVILLE, NC
DOVEY	ACK Q430 RIFLE HEADI Q97 KALDA Q133 CHIEZ Y291 MAJIK CUUDA (RNAV)-STAR	FT LAUDERDALE
DOVEY	ACK Q430 COPES Q75 GVE FUBLL JUNNR (RNAV)-STAR	GREER, SC
DOVEY	ACK Q430 BYRDD J48 CSN FANPO Q40 AEX DOOBI (RNAV)-STAR	HOUSTON
DOVEY	PLYMM PARCH (RNAV)-STAR	KENNEDY
DOVEY	ACK Q430 SAAME J6 HVQ Q68 YOCKY UNCKL MAUDD (RNAV)-STAR	LOUISVILLE
DOVEY	JAWZZ Q220 RIFLE Q439 DRIFT V312 CYN	MCGUIRE
DOVEY	ACK Q430 RIFLE HEADI Q97 SAWED MOXXY Q85 LPERD OMN BITHO STAR	MELBOURNE, FL
DOVEY	ACK Q430 SAAME J6 HVQ Q68 RYANS BWG BLUZZ (RNAV)-STAR	MEMPHIS
DOVEY	ACK Q430 RIFLE HEADI Q97 KALDA Q101 SKARP Y313 HOAGG BNFSH (RNAV)-STAR	MIAMI
DOVEY	ACK Q430 SAANE J6 HVQ Q68 YOCKY GROAT PASLY (RNAV)-STAR	NASHVILLE
DOVEY	ACK Q430 BYRDD J48 CSN FANPO Q40 NIOLA MERDN TRSSH (RNAV)-STAR	NEW ORLEANS
DOVEY	COPLY BOS NELIE FLOSI (RNAV)-STAR	NEWARK
DOVEY	ACK Q430 RIFLE HEADI Q97 KALDA Q131 ZILLS Y289 BAHAA HIBAC ALYNA (RNAV)-STAR	ORLANDO
DOVEY	JAWZZ Q220 RIFLE Q439 BRIGS JIIMS (RNAV)-STAR	PHILADELPHIA
DOVEY	ACK Q430 RIFLE Q167 ZJAA Y TAQLE (RNAV)-STAR	RALEIGH/DURHAM
DOVEY	COPLY BOS NELIE T212 TRESA	STEWART
DOVEY	ACK Q430 COPES Q75 TEUFL BAAMF DADES (RNAV)-STAR	TAMPA
DOVEY	COPLY BOS BAF MOBBS SAGES V489 COATE	TETERBORO
DOVEY	COPLY BOS NELIE VALRE VALRE-STAR	WESTCHESTER
DOVEY	SEY ARCAV HTO	WESTHAMPTON BEACH
DOVEY	BOS V1 GRAYM WITNY	WINDSOR LOCKS

VIA EBONY

Inland Navigation Facility/Fix	Non-Common Portion	Destination
EBONY	LARIE Q220 RIFLE Q167 ZIZZI KNUKK ATR LAFLN SPISY (RNAV)-STAR	ANDREWS
EBONY	KAYCC KYLOH BAF Q448 PTW J48 MOL FLASK OZZZI (RNAV)-STAR	ATLANTA
EBONY	KAYCC KYLOH BAF Q406 BWZ J6 HVQ Q68 LITTR TXK BROBB WINDU SEWZY (RNAV)-STAR	AUSTIN
EBONY	KAYCC KYLOH NELIE Q75 MXE NUGGY TRISH (RNAV)-STAR	BALTIMORE
EBONY	ENE LWRNC	BEDFORD
EBONY	AJJAY OOSHN (RNAV)-STAR	BOSTON
EBONY	FOXBO RIFLE HEADI Q97 SAWED DFENC Q109 LAANA AMYLU AMYLU (RNAV)-STAR	CHARLESTON, SC
EBONY	KAYCC KYLOH NELIE Q75 GVE LYH CHSLY (RNAV)-STAR	CHARLOTTE

Inland Navigation Facility/Fix	Non-Common Portion	Destination
EBONY	ALB J49 PSB MAULL KODIE CTW TIGRR (RNAV)-STAR	CINCINNATI
EBONY	KAYCC KYLOH BAF Q406 BWZ J6 HVQ Q68 LITTR FEWWW SEEVR (RNAV)-STAR	DALLAS/FT WORTH
EBONY	GONZZ DONEO TPGUN (RNAV)-STAR	DETROIT
EBONY	LARIE Q220 RIFLE Q439 BRIGS SIE	DOVER
EBONY	KAYCC KYLOH BAF HYPER Arrival	DULLES
EBONY	FOXBO RIFLE Q167 KALDA COUPN RDU	FAYETTEVILLE, NC
EBONY	FOXBO RIFLE HEADI Q97 KALDA Q133 CHIEZ Y291 MAJIK CUUDA (RNAV)-STAR	FT LAUDERDALE
EBONY	KAYCC KYLOH NELIE Q75 GVE FUBLL JUNNR (RNAV)-STAR	GREER, SC
EBONY	KAYCC KYLOH BAF Q448 PTW J48 CSN FANPO Q40 AEX DOOBI (RNAV)-STAR	HOUSTON
EBONY	ENE HYPER Arrival	KENNEDY
EBONY	KAYCC KYLOH BAF Q406 BWZ J6 HVQ Q68 YOCKY UNCKL MAUDD (RNAV)-STAR	LOUISVILLE
EBONY	LARIE Q220 RIFLE Q439 DRIFT V312 CYN	MCGUIRE
EBONY	FOXBO RIFLE HEADI Q97 SAWED MOXXY Q85 LPERD OMN BITHO STAR	MELBOURNE, FL
EBONY	KAYCC KYLOH BAF Q406 BWZ J6 HVQ Q68 RYANS BWG BLUZZ (RNAV)-STAR	MEMPHIS
EBONY	FOXBO RIFLE HEADI Q97 KALDA Q101 SKARP Y313 HOAGG BNFSH (RNAV)-STAR	MIAMI
EBONY	KAYCC KYLOH BAF Q406 BWZ J6 HVQ Q68 YOCKY GROAT PASLY (RNAV)-STAR	NASHVILLE
EBONY	KAYCC KYLOH BAF Q448 PTW J48 CSN FANPO Q40 NIOLA MERDN TRSSH (RNAV)-STAR	NEW ORLEANS
EBONY	HANAA FLOSI (RNAV)-STAR	NEWARK
EBONY	FOXBO RIFLE HEADI Q97 KALDA Q131 ZILLS Y289 BAHAA HIBAC ALYNA (RNAV)-STAR	ORLANDO
EBONY	LARIE Q220 RIFLE Q439 BRIGS JIIMS (RNAV)-STAR	PHILADELPHIA
EBONY	ENE CTR HNK KONJE SLT HAYNZ (RNAV)-STAR	PITTSBURGH
EBONY	BEEKN Q439 RIFLE Q167 ZJAAY TAQLE (RNAV)-STAR	RALEIGH-DURHAM
EBONY	ALB V123 TRESA	STEWART
EBONY	KAYCC KYLOH NELIE Q75 TEUFL BAAMF DADES (RNAV)-STAR	TAMPA
EBONY	ALB V489 COATE	TETERBORO
EBONY	ALB VALRE-STAR	WESTCHESTER
EBONY	LFV SEY ARCAV HTO	WESTHAMPTON BEACH
EBONY	ENE KEYNN	WINDSOR LOCKS

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VIA KANNI

Inland Navigation Facility/Fix	Non-Common Portion	Destination
KANNI	LARIE Q220 RIFLE Q167 ZIZZI KNUKK ATR LAFLN SPISY (RNAV)-STAR	ANDREWS
KANNI	BOS BAF Q448 PTW J48 MOL FLASK OZZZI (RNAV)-STAR	ATLANTA
KANNI	BOS BAF Q406 BWZ J6 HVQ Q68 LITTR TXK BROBB WINDU SEWZY (RNAV)-STAR	AUSTIN
KANNI	BOS Q75 MXE NUGGY TRISH (RNAV)-STAR	BALTIMORE
KANNI	SCUPP	BEDFORD
KANNI	EURRO OOSHN (RNAV)-STAR	BOSTON
KANNI	FOXBO RIFLE HEADI Q97 SAWED DFENC Q109 LAANA AMYLU AMYLU (RNAV)-STAR	CHARLESTON, SC
KANNI	BOS Q75 GVE LYH CHSLY (RNAV)-STAR	CHARLOTTE
KANNI	BOS CTR HNK J49 PSB MAULL KODIE CTW TIGRR (RNAV)-STAR	CINCINNATI
KANNI	BOS BAF Q406 BWZ J6 HVQ Q68 LITTR FEWWWW SEEVR (RNAV)-STAR	DALLAS/FT WORTH
KANNI	CAM Q822 GONZZ DONEO TPGUN (RNAV)-STAR	DETROIT
KANNI	LARIE Q220 RIFLE Q439 BRIGS SIE	DOVER
KANNI	BOS BAF HYPER Arrival	DULLES
KANNI	FOXBO RIFLE Q167 KALDA COUPN RDU	FAYETTEVILLE, NC
KANNI	FOXBO RIFLE HEADI Q97 KALDA Q133 CHIEZ Y291 MAJIK CUUDA (RNAV)-STAR	FT LAUDERDALE
KANNI	COPLY Q75 GVE FUBLL JUNNR (RNAV)-STAR	GREER, SC
KANNI	BOS BAF Q448 PTW J48 CSN FANPO Q40 AEX DOOBI (RNAV)-STAR	HOUSTON
KANNI	PLYMM Parch Arrival	KENNEDY
KANNI	BOX BAF Q406 BWZ J6 HVQ Q68 YOCKY UNCLK MAUDD (RNAV)-STAR	LOUISVILLE
KANNI	LARIE Q220 RIFLE Q439 DRIFT V312 CYN	MCGUIRE
KANNI	FOXBO RIFLE HEADI Q97 SAWED MOXXY Q85 LPERD OMN BITHO STAR	MELBOURNE, FL
KANNI	BOS BAF Q406 BWZ J6 HVQ Q68 RYANS BWG BLUZZ (RNAV)-STAR	MEMPHIS
KANNI	FOXBO RIFLE HEADI Q97 KALDA Q101 SKARP Y313 HOAGG BNFSH (RNAV)-STAR	MIAMI
KANNI	BOS BAF Q406 BWZ J6 HVQ Q68 YOCKY GROAT PASLY (RNAV)-STAR	NASHVILLE
KANNI	COPLY BOS NELIE FLOSI (RNAV)-STAR	NEWARK
KANNI	BOS BAF Q448 PTW J48 CSN FANPO Q40 NIOLA MERDN TRSSH (RNAV)-STAR	NEW ORLEANS
KANNI	FOXBO RIFLE HEADI Q97 KALDA Q131 ZILLS Y289 BAHAA HIBAC ALYNA (RNAV)-STAR	ORLANDO
KANNI	LARIE Q220 RIFLE Q439 BRIGS JIIMS (RNAV)-STAR	PHILADELPHIA
KANNI	BOS CTR HNK KONJE SLT HAYNZ (RNAV)-STAR	PITTSBURGH
KANNI	FOXBO RIFLE Q167 ZJAAY TAQLE (RNAV)-STAR	RALEIGH-DURHAM
KANNI	COPLY BOS NELIE T212 TRESA	STEWART
KANNI	BOS Q75 TEUFL BAAMF DADES (RNAV)-STAR	TAMPA
KANNI	COPLY BOS BAF MOBBS SAGES V489 COATE	TETERBORO
KANNI	COPLY BOS NELIE VALRE VALRE-STAR	WESTCHESTER
KANNI	LFV SEY ARCAV HTO	WESTHAMPTON BEACH
KANNI	BOS V1 GRAYM WITNY	WINDSOR LOCKS

VIA KJOHN

Inland Navigation Facility/Fix	Non-Common Portion	Destination
KJOHN	BIZEX Q75 MXE V378 BAL	ANDREWS
KJOHN	ALB ACOVE DBABE Q448 PTW J48 MOL FLASK OZZZI (RNAV)-STAR	ATLANTA
KJOHN	ALB J49 PSB Q71 GEFFS HVQ Q68 LITTR TXK BROBB WINDU SEWZY (RNAV)-STAR	AUSTIN
KJOHN	BIZEX Q75 MXE NUGGY TRISH (RNAV)-STAR	BALTIMORE
KJOHN	BASUU	BEDFORD
KJOHN	BIZEX Q75 GSO OBNEE OSPRI (RNAV)-STAR	CHARLESTON, SC
KJOHN	BIZEX Q75 GVE LYH CHSLY (RNAV)-STAR	CHARLOTTE

Inland Navigation
Facility/Fix

Non-Common Portion

Destination

KJOHN	ALB J49 PSB MAULL KODIE CTW TIGRR (RNAV)-STAR	CINCINNATI
KJOHN	ALB J6 HVQ Q68 LITTR FEWWWW SEEVR (RNAV)-STAR	DALLAS/FT WORTH
KJOHN	VENTE CCC MANTA Q439 BRIGS SIE	DOVER
KJOHN	ALB HYPER (RNAV)-STAR	DULLES
KJOHN	BIZEX Q75 GVE SBV RDU	FAYETTEVILLE, NC
KJOHN	BIZEX Q75 SLOJO Q83 JEVED Q97 PRMU CUUDA (RNAV)-STAR	FT LAUDERDALE
KJOHN	BIZEX Q75 GVE FUBLL JUNNR (RNAV)-STAR	GREER, SC
KJOHN	ALB IGN KINGSTON-STAR	KENNEDY
KJOHN	ALB J49 PSB Q71 GEFFS HVQ Q68 YOCKY UNCKL MAUDD (RNAV)-STAR	LOUISVILLE
KJOHN	VENTE CCC MANTA DRIFT V312 CYN	MCGUIRE
KJOHN	ALB BIZEX Q75 SLOJO Q85 LPERD OMN BITHO STAR	MELBOURNE, FL
KJOHN	ALB J49 PSB Q71 GEFFS HVQ Q68 RYANS BWG BLUZZ (RNAV)-STAR	MEMPHIS
KJOHN	BIZEX Q75 SLOJO Q83 JEVED Q97 DEBRL CSTAL (RNAV)-STAR	MIAMI
KJOHN	ALB J49 PSB Q71 GEFFS HVQ Q68 YOCKY GROAT PASLY (RNAV)-STAR	NASHVILLE
KJOHN	ALB J49 PSB Q71 GEFFS HVQ VXV NIOLA MERDN TRSSH (RNAV)-STAR	NEW ORLEANS
KJOHN	HANAA FLOSI (RNAV)-STAR	NEWARK
KJOHN	BIZEX Q75 SLOJO Q83 ROYCO Q85 LPERD SNFLD (RNAV)-STAR	ORLANDO
KJOHN	BIZEX Q75 SLOJO Q83 ROYCO Q85 LPERD GTOUT (RNAV)-STAR	ORLANDO
KJOHN	ALB DNY SPUDS (RNAV)-STAR	PHILADELPHIA
KJOHN	ALB J49 HNK KONJE SLT HAYNZ (RNAV)-STAR	PITTSBURGH
KJOHN	BIZEX Q75 TEUFL BAAMF DADES (RNAV)-STAR	TAMPA
KJOHN	ALB NELIE (RNAV)-STAR	WESTHAMPTON BEACH
KJOHN	KEYNN	WINDSOR LOCKS

VIA LACKS

Inland Navigation
Facility/Fix

Non-Common Portion

Destination

LACKS	FERNZ OOSHN (RNAV)-STAR	BOSTON
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VIA MADIZ

Inland Navigation
Facility/Fix

Non-Common Portion

Destination

MADIZ	VIICE (RNAV)-STAR	MIAMI
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NORTH AMERICAN ROUTES

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VIA MIILS

Inland Navigation Facility/Fix	Non-Common Portion	Destination
MIILS	KAYCC KYLOH BAF Q448 PTW J48 MOL FLASK OZZZI (RNAV)-STAR	ATLANTA
MIILS	KJOHN ALB J49 PSB Q71 GEFFS HVQ Q68 LITTR TXK BROBB WINDU SEWZY (RNAV)-STAR	AUSTIN
MIILS	ENE LWRNC	BEDFORD
MIILS	LETAK Q824 TAGUM ECK FNT WYNDE (RNAV)-STAR	CHICAGO
MIILS	KJOHN ALB J49 PSB MAULL KODIE CTW TIGRR (RNAV)-STAR	CINCINNATI
MIILS	LETAK PEVNI Q806 BOBTA DERLO WWSHR Q29 KLYNE PXV J131 LIT FEWWW SEEVR (RNAV)-STAR	DALLAS/FT WORTH
MIILS	PUPOV Q806 BOBTA TPGUN (RNAV)-STAR	DETROIT
MIILS	KAYCC KYLOH NELIE Q75 GVE SBV RDU	FAYETTEVILLE, NC
MIILS	BEEKN Q97 KALDA Q133 CHIEZ Y291 MAJIK CUUDA (RNAV)-STAR	FT LAUDERDALE
MIILS	KAYCC KYLOH NELIE Q75 GVE FUBLL JUNNR (RNAV)-STAR	GREER, SC
MIILS	LETAK PEVNI Q806 BOBTA DERLO WWSHR Q29 KLYNE PXV J131 LIT J180 SWB ZEEKK (RNAV)-STAR	HOUSTON
MIILS	KJOHN ALB J49 PSB Q71 GEFFS HVQ Q68 YOCKY UNCKL MAUDD (RNAV)-STAR	LOUISVILLE
MIILS	BEEKN Q97 SAWED MOXXY Q85 LPERD OMN BITHO STAR	MELBOURNE, FL
MIILS	KJOHN ALB J49 PSB Q71 GEFFS HVQ Q68 RYANS BWG BLUZZ (RNAV)-STAR	MEMPHIS
MIILS	BEEKN Q97 KALDA Q101 SKARP Y313 HOAGG BNFSH (RNAV)-STAR	MIAMI
MIILS	VIVIL ROGSA URVAS DAXES VIBNU	MONTREAL/MIRABEL
MIILS	ODBOS OMBRE-STAR	MONTREAL/ TRUDEAU
MIILS	KJOHN ALB J49 PSB Q71 GEFFS HVQ Q68 YOCKY GROAT PASLY (RNAV)-STAR	NASHVILLE
MIILS	KJOHN ALB J49 PSB Q71 GEFFS HVQ VXV NIOLA MERDN TRSSH (RNAV)-STAR	NEW ORLEANS
MIILS	BEEKN Q97 KALDA Q131 ZILLS Y289 BAHAA HIBAC ALYNA (RNAV)-STAR	ORLANDO
MIILS	ROSVO ECK GIJ RBS AARCH (RNAV)-STAR	ST LOUIS*
MIILS	KAYCC KYLOH NELIE Q75 TEUFL BAAMF DADES (RNAV)-STAR	TAMPA
MIILS	LETAK IMEBA Arrival	TORONTO
MIILS	LFV SEY ARCAV HTO	WESTHAMPTON BEACH
MIILS	ENE KEYNN	WINDSOR LOCKS

* NOTE:
St. Louis route usable only for aircraft at or above FL350.

VIA MOUGH

Inland Navigation Facility/Fix	Non-Common Portion	Destination
MOUGH	Y497 DRIFT Q439 BRIGS SIE	DOVER
MOUGH	Y486 CREEL Q430 RBV HYPER (RNAV)-STAR	DULLES
MOUGH	Y495 CAMRN	KENNEDY
MOUGH	Y495 OWENZ DRIFT BRIGS JIIMS (RNAV)-STAR	PHILADELPHIA
MOUGH	Y495 OWENZ MANTA DRIFT Q439 V312 CYN	MCGUIRE

NORTH AMERICAN ROUTES

VIA MT

Inland Navigation Facility/Fix	Non-Common Portion	Destination
MT	TVC OBK J73 BNA NEWBB IHAVE KNGGG CHPPR (RNAV)-STAR	ATLANTA
MT	ALB PWL CMK J75 MXE V378 NUGGY TRISH (RNAV)-STAR	BALTIMORE
MT	SSM WYNDE (RNAV)-STAR	CHICAGO
MT	ROSVO Q802 KENLU Q804 DERLO DJB J83 APE TIGRR (RNAV)-STAR	CINCINNATI
MT	TVC BAE BDF WELTS SGF RZC FSM RRNET SEEVR (RNAV)-STAR	DALLAS/FT. WORTH
MT	BOBTA TPGUN (RNAV)-STAR	DETROIT
MT	TVC OBK J101 LIT J180 SWB ZEEKK (RNAV)-STAR	HOUSTON
MT	OBRET DATAB VIDGO EMPEK SATOT PIGNA	MONTREAL/MIRABEL
MT	OBRET LAFLEUR Arrival	MONTREAL/ TRUDEAU
MT	TVC OBK J71 RBS AARCH (RNAV)-STAR	ST. LOUIS
MT	ROSVO IMEBA-STAR	TORONTO

NORTH AMERICAN ROUTES

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VIA QUBIS

Inland Navigation Facility/Fix	Non-Common Portion	Destination
QUBIS	BEEKN Q439 RIFLE Q167ZIZI KNUKK ATR LAFLN SPISY (RNAV)-STAR	ANDREWS
QUBIS	KAYCC KYLOH BAF Q448 PTW J48 MOL FLASK OZZI (RNAV)-STAR	ATLANTA
QUBIS	KJOHN ALB J49 PSB Q71 GEFFS HVQ Q68 LITTR TXK BROBB WINDU SEWZY (RNAV)-STAR	AUSTIN
QUBIS	KAYCC KYLOH NELIE Q75 MXE NUGGY TRISH (RNAV)-STAR	BALTIMORE
QUBIS	ENE LWRNC	BEDFORD
QUBIS	AJJAY OOSHN (RNAV)-STAR	BOSTON
QUBIS	BEEKN Q97 SAWED DFENC Q109 LAANA AMYLU AMYLU (RNAV)-STAR	CHARLESTON, SC
QUBIS	KAYCC KYLOH NELIE Q75 GVE LYH CHSLY (RNAV)-STAR	CHARLOTTE
QUBIS	KJOHN ALB J49 PSB MAULL KODIE CTW TIGRR (RNAV)-STAR	CINCINNATI
QUBIS	KJOHN ALB J6 HVQ Q68 LITTR FEWWW SEEVR (RNAV)-STAR	DALLAS/FT WORTH
QUBIS	PUPOV Q806 BOBTA TPGUN (RNAV)-STAR	DETROIT
QUBIS	LARIE Q220 RIFLE Q439 BRIGS SIE	DOVER
QUBIS	KJOHN ALB HYPER (RNAV)-STAR	DULLES
QUBIS	KAYCC KYLOH NELIE Q75 GVE SBV RDU	FAYETTEVILLE, NC
QUBIS	BEEKN Q97 KALDA Q133 CHIEZ Y291 MAJIK CUUDA (RNAV)-STAR	FT LAUDERDALE
QUBIS	KAYCC KYLOH NELIE Q75 GVE FUBLL JUNNR (RNAV)-STAR	GREER, SC
QUBIS	KAYCC KYLOH BAF Q448 PTW J48 CSN FANPO Q40 AEX DOOBI (RNAV)-STAR	HOUSTON
QUBIS	KJOHN ALB J49 PSB Q71 GEFFS HVQ Q68 YOCKY UNCKL MAUDD (RNAV)-STAR	LOUISVILLE
QUBIS	LARIE Q220 RIFLE Q439 DRIFT V312 CYN	MCGUIRE
QUBIS	BEEKN Q97 SAWED MOXXY Q85 LPERD OMN BITHO STAR	MELBOURNE, FL
QUBIS	KJOHN ALB J49 PSB Q71 GEFFS HVQ Q68 RYANS BWG BLUZZ (RNAV)-STAR	MEMPHIS
QUBIS	BEEKN Q97 KALDA Q101 SKARP Y313 HOAGG BNFSH (RNAV)-STAR	MIAMI
QUBIS	KJOHN ALB J49 PSB Q71 GEFFS HVQ Q68 YOCKY GROAT PASLY (RNAV)-STAR	NASHVILLE
QUBIS	KJOHN ALB J49 PSB HVQ VXV NIOLA MERDN TRSSH (RNAV)-STAR	NEW ORLEANS
QUBIS	KJOHN HANAA FLOSI (RNAV)-STAR	NEWARK
QUBIS	BEEKN Q97 KALDA Q131 ZILLS Y289 BAHAA HIBAC ALYNA (RNAV)-STAR	ORLANDO
QUBIS	PQI Q439 BRIGS JIIMS (RNAV)-STAR	PHILADELPHIA
QUBIS	KJOHN ALB J49 HNK KONJE SLT HAYNZ (RNAV)-STAR	PITTSBURGH
QUBIS	BEEKN Q439 RIFLE Q167 ZJAAY TAQLE (RNAV)-STAR	RALEIGH-DURHAM
QUBIS	KJOHN ALB V123 TRESA	STEWART
QUBIS	KAYCC KYLOH NELIE Q75 TEUFL BAAMF DADES (RNAV)-STAR	TAMPA
QUBIS	KJOHN ALB V489 COATE	TETERBORO
QUBIS	KJOHN ALB VALRE-STAR	WESTCHESTER
QUBIS	LFV SEY ARCAV HTO	WESTHAMPTON BEACH
QUBIS	ENE KEYNN	WINDSOR LOCKS

VIA ROUND

Inland Navigation Facility/Fix	Non-Common Portion	Destination
ROUND	TVC OBK J73 BNA NEWBB IHAVE KNGGG CHPPR (RNAV)-STAR	ATLANTA
ROUND	SSM WYNDE (RNAV)-STAR	CHICAGO
ROUND	ROSVO Q802 KENLU Q804 DERLO DJB J83 APE TIGRR (RNAV)-STAR	CINCINNATI
ROUND	TVC BAE BDF WELTS SGF RZC FSM RRNET SEEVR (RNAV)-STAR	DALLAS/FT. WORTH
ROUND	YVO BOBTA TPGUN (RNAV)-STAR	DETROIT
ROUND	TVC OBK J101 LIT J180 SWB ZEEKK (RNAV)-STAR	HOUSTON
ROUND	TVC OBK J71 RBS AARCH (RNAV)-STAR	ST. LOUIS
ROUND	ROSVO IMEBA-STAR	TORONTO

NORTH AMERICAN ROUTES

VIA SAILE

Inland Navigation Facility/Fix	Non-Common Portion	Destination
SAILE	JAWZZ Q220 RIFLE Q167 ZIZZI KNUKK ATR LAFLN SPISY (RNAV)-STAR	ANDREWS
SAILE	ACK Q430 BYRDD J48 MOL FLASK OZZI (RNAV)-STAR	ATLANTA
SAILE	ACK Q430 SAAME J6 HVQ Q68 LITTR TXK BROBB WINDU SEWZY (RNAV)-STAR	AUSTIN
SAILE	SCUPP	BEDFORD
SAILE	FERNZ OOSH (RNAV)-STAR	BOSTON
SAILE	ACK Q430 RIFLE HEADI Q97 SAWED DFENC Q109 LAANA AMYLU AMYLU (RNAV)-STAR	CHARLESTON, SC
SAILE	BOS CTR HNK J49 PSB MAULL KODIE CTW TIGRR (RNAV)-STAR	CINCINNATI
SAILE	ACK Q430 SAAME BRNAN Q42 PSYKO KOZAR BONZZ (RNAV)-STAR	DETROIT
SAILE	JAWZZ Q220 RIFLE Q439 BRIGS SIE	DOVER
SAILE	ACK Q430 RBV HYPER (RNAV)-STAR	DULLES
SAILE	ACK Q430 RIFLE Q167 KALDA COUPN RDU	FAYETTEVILLE, NC
SAILE	ACK Q430 RIFLE HEADI Q97 KALDA Q133 CHIEZ Y291 MAJIK CUUDA (RNAV)-STAR	FT LAUDERDALE
SAILE	ACK Q430 COPEX Q75 GVE FUBLL JUNNR (RNAV)-STAR	GREER, SC
SAILE	PLYMM PARCH (RNAV)-STAR	KENNEDY
SAILE	ACK Q430 SAAME J6 HVQ Q68 YOCKY UNCKL MAUDD (RNAV)-STAR	LOUISVILLE
SAILE	JAWZZ Q220 RIFLE Q439 DRIFT V312 CYN	MCGUIRE
SAILE	ACK Q430 RIFLE HEADI Q97 SAWED MOXXY Q85 LPERD OMN BITHO STAR	MELBOURNE, FL
SAILE	ACK Q430 SAAME J6 HVQ Q68 RYANS BWG BLUZZ (RNAV)-STAR	MEMPHIS
SAILE	ACK Q430 RIFLE HEADI Q97 KALDA Q101 SKARP Y313 HOAGG BNFSH (RNAV)-STAR	MIAMI
SAILE	ACK Q430 SAAME J6 HVQ Q68 YOCKY GROAT PASLY (RNAV)-STAR	NASHVILLE
SAILE	ACK Q430 BYRDD J48 CSN FANPO Q40 NIOLA MERDN TRSSH (RNAV)-STAR	NEW ORLEANS
SAILE	COPLY BOS NELIE FLOSI (RNAV)-STAR	NEWARK
SAILE	ACK Q430 RIFLE HEADI Q97 KALDA Q131 ZILLS Y289 BAHAA HIBAC ALYNA (RNAV)-STAR	ORLANDO
SAILE	JAWZZ Q220 RIFLE Q439 BRIGS JIIMS (RNAV)-STAR	PHILADELPHIA
SAILE	ACK Q430 RIFLE Q167 ZJAAY TAQLE (RNAV)-STAR	RALEIGH-DURHAM
SAILE	COPLY BOS NELIE T212 TRESA	STEWART
SAILE	ACK Q430 COPEX Q75 TEUFL BAAMF DADES (RNAV)-STAR	TAMPA
SAILE	COPLY BOS BAF MOBBS SAGES V489 COATE	TETERBORO
SAILE	COPLY BOS NELIE VALRE VALRE-STAR	WESTCHESTER
SAILE	LFV SEY ARCAV HTO	WESTHAMPTON BEACH

VIA SSM

Inland Navigation Facility/Fix	Non-Common Portion	Destination
SSM	GRB J101 BAE J89 OBK J73 BNA NEWBB IHAVE MTHEW CHPPR (RNAV)-STAR	ATLANTA
SSM	PAITN Arrival	CHICAGO
SSM	SSM J101 BAE BDF WELTS SGF RZC FSM RRNET SEEVR (RNAV)-STAR	DALLAS/FT. WORTH
SSM	SSM GEP J114 ONL PORDR AALLE (RNAV)-STAR	DENVER
SSM	STL J101 LIT J180 SWB ZEEKK (RNAV)-STAR	HOUSTON
SSM	HHOGS BAINY (RNAV)-STAR	MINNEAPOLIS/ ST. PAUL
SSM	TVC OBK J71 RBS AARCH (RNAV)-STAR	ST. LOUIS

NORTH AMERICAN ROUTES

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VIA SYR

Inland Navigation Facility/Fix	Non-Common Portion	Destination
SYR	J59 PSB SHILO V93 BAL	ANDREWS
SYR	J59 PSB Q71 GEFFS HVQ HLRRY ONDRE (RNAV)-STAR	ATLANTA
SYR	SYR J59 PSB Q71 GEFFS HVQ Q68 LITTR TXK BROBB WINDU SEWZY (RNAV)-STAR	AUSTIN
SYR	FQM IZZEE TRISH (RNAV)-STAR	BALTIMORE
SYR	EEGUL ZELKA (RNAV)-STAR	BEDFORD
SYR	J59 PSB HVQ LNDIZ PARQR (RNAV)-STAR	CHARLOTTE
SYR	GONZZ JOSSY MAULL KODIE CTW TIGRR (RNAV)-STAR	CINCINNATI
SYR	JOSSY MAULL KODIE CTW TIGRR (RNAV)-STAR	CINCINNATI
SYR	GONZZ Q29 KLYNE PXV J131 LIT FEWWW SEEVR (RNAV)-STAR	DALLAS/FT WORTH
SYR	HAR LRP V210 BUNTS	DOVER
SYR	J59 PSB MAPEL (RNAV)-STAR	DULLES
SYR	J59 PSB J61 EMI GVE SBV RDU	FAYETTEVILLE, NC
SYR	J59 PSB Q71 EMNEM Q103 SLOJO Q83 JEVED Q97 PRMUS CUUDA (RNAV)-STAR	FT LAUDERDALE
SYR	J59 PSB Q71 GEFFS HVQ DAJPI RCTOR (RNAV)-STAR	GREER, SC
SYR	GONZZ Q29 HARES SWB ZEEKK (RNAV)-STAR	HOUSTON
SYR	HNK IGN KINGSTON Arrival	KENNEDY
SYR	J59 PSB Q71 GEFFS HVQ Q68 YOCKY UNCKL MAUDD (RNAV)-STAR	LOUISVILLE
SYR	PSB HAR LRP V210 BUNTS	MGUIRE
SYR	J59 PSB QUARM AIR HVQ J85 SPA QUIWE Q93 GIPPL Q85 LPERD OMN BITHO STAR	MELBOURNE, FL
SYR	J59 PSB Q71 GEFFS HVQ Q68 RYANS BWG BLUZZ (RNAV)-STAR	MEMPHIS
SYR	J59 PSB Q71 EMNEM Q103 SLOJO Q83 JEVED Q97 DEBRL CSTAL (RNAV)-STAR	MIAMI
SYR	J59 PSB Q71 GEFFS HVQ Q68 YOCKY GROAT PASLY (RNAV)-STAR	NASHVILLE
SYR	J59 PSB Q71 GEFFS HVQ VXV NIOLA MERDN TRSSH (RNAV)-STAR	NEW ORLEANS
SYR	HNK FLOSI Arrival	NEWARK
SYR	J59 PSB Q71 EMNEM Q103 SLOJO Q83 ROYCO Q85 LPERD SNFLD (RNAV)-STAR	ORLANDO
SYR	J59 PSB Q71 EMNEM Q103 SLOJO Q83 ROYCO Q85 LPERD GTOUT (RNAV)-STAR	ORLANDO
SYR	CFB SPUDS (RNAV)-STAR	PHILADELPHIA
SYR	JHW ERI YNG JESEY (RNAV)-STAR	PITTSBURGH
SYR	GONZZ Q29 KLYNE ROD VHP AARCH (RNAV)-STAR	ST LOUIS
SYR	J59 PSB Q71 EMNEM Q103 SLOJO Q75 TEUFL BAAMF DADES (RNAV)-STAR	TAMPA
SYR	ALB NELIE (RNAV)-STAR	WESTHAMPTON BEACH
SYR	ALB STELA-STAR	WINDSOR LOCKS

VIA TAFFY

Inland Navigation Facility/Fix	Non-Common Portion	Destination
TAFFY	PQI Q439 RIFLE Q167 ZIZZI KNUKK ATR LAFLN SPISY (RNAV)-STAR	ANDREWS
TAFFY	KJOHN ALB ACOVE DBABE Q448 PTW J48 MOL FLASK OZZI (RNAV)-STAR	ATLANTA
TAFFY	KJOHN ALB J49 PSB Q71 GEFFS HVQ Q68 LITTR TXK BROBB WINDU SEWZY (RNAV)-STAR	AUSTIN
TAFFY	KAYCC KYLOH NELIE Q75 MXE NUGGY TRISH (RNAV)-STAR	BALTIMORE
TAFFY	ENE LWRNC	BEDFORD
TAFFY	AJJAY OOSHNI (RNAV)-STAR	BOSTON
TAFFY	PQI Q97 SAWED DFENC Q109 LAANA AMYLU AMYLU (RNAV)-STAR	CHARLESTON, SC
TAFFY	KAYCC KYLOH NELIE Q75 GVE LYH CHSLY (RNAV)-STAR	CHARLOTTE
TAFFY	KJOHN ALB J49 PSB MAULL KODIE CTW TIGRR (RNAV)-STAR	CINCINNATI
TAFFY	KJOHN ALB J6 HVQ Q68 LITTR FEWWWW SEEVR (RNAV)-STAR	DALLAS/FT WORTH
TAFFY	PUPOV Q806 BOBTA TPGUN (RNAV)-STAR	DETROIT
TAFFY	LARIE Q220 RIFLE Q439 BRIGS SIE	DOVER
TAFFY	KJOHN ALB HYPER (RNAV)-STAR	DULLES
TAFFY	KAYCC KYLOH NELIE Q75 GVE SBV RDU	FAYETTEVILLE, NC
TAFFY	PQI Q97 KALDA Q133 CHIEZ Y291 MAJIK CUUDA (RNAV)-STAR	FT LAUDERDALE
TAFFY	KAYCC KYLOH NELIE Q75 GVE FUBLL JUNNR (RNAV)-STAR	GREER, SC
TAFFY	KAYCC KYLOH BAF Q448 PTW J48 CSN FANPO Q40 AEX DOOBI (RNAV)-STAR	HOUSTON
TAFFY	ENE PARCH Arrival	KENNEDY
TAFFY	KJOHN ALB J49 PSP Q71 GEFFS HVQ Q68 YOCKY UNCKL MAUDD (RNAV)-STAR	LOUISVILLE
TAFFY	LARIE Q220 RIFLE Q439 DRIFT V312 CYN	MCGUIRE
TAFFY	PQI Q97 SAWED MOXXY Q85 LPERD OMN BITHO STAR	MELBOURNE, FL
TAFFY	KJOHN ALB J49 PSB Q71 GEFFS HVQ Q68 RYANS BWG BLUZZ (RNAV)-STAR	MEMPHIS
TAFFY	PQI Q97 KALDA Q101 SKARP Y313 HOAGG BNFSH (RNAV)-STAR	MIAMI
TAFFY	KJOHN ALB J49 PSB Q71 GEFFS HVQ Q68 YOCKY GROAT PASLY (RNAV)-STAR	NASHVILLE
TAFFY	KJOHN ALB J49 PSB Q71 GEFFS HVQ VXV NIOLA MERDN TRSSH (RNAV)-STAR	NEW ORLEANS
TAFFY	KJOHN HANAA FLOSI (RNAV)-STAR	NEWARK
TAFFY	PQI Q97 KALDA Q131 ZILLS Y289 BAHAA HIBAC ALYNA (RNAV)-STAR	ORLANDO
TAFFY	LARIE Q220 RIFLE Q439 BRIGS JIIMS (RNAV)-STAR	PHILADELPHIA
TAFFY	KJOHN ALB J49 HNK KONJE SLT HAYNZ (RNAV)-STAR	PITTSBURGH
TAFFY	PQI Q439 RIFLE Q167 ZJAAV TAQLE (RNAV)-STAR	RALEIGH-DURHAM
TAFFY	KJOHN ALB V123 TRESA	STEWART
TAFFY	KAYCC KYLOH NELIE Q75 TEUFL BAAMF DADES (RNAV)-STAR	TAMPA
TAFFY	KJOHN ALB V489 COATE	TETERBORO
TAFFY	KJOHN ALB VALRE-STAR	WESTCHESTER
TAFFY	LFV SEY ARCAV HTO	WESTHAMPTON BEACH
TAFFY	ENE KEYNN	WINDSOR LOCKS

NORTH AMERICAN ROUTES

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VIA TOPPS

Inland Navigation Facility/Fix	Non-Common Portion	Destination
TOPPS	BEEKN Q439 RIFLE Q167 ZIZZI KNUKK ATR LAFLN SPISY (RNAV)-STAR	ANDREWS
TOPPS	KAYCC KYLOH BAF Q448 PTW J48 MOL FLASK OZZZI (RNAV)-STAR	ATLANTA
TOPPS	KAYCC KYLOH BAF Q406 BWZ J6 HVQ Q68 LITTR TXK BROBB WINDU SEWZY (RNAV)-STAR	AUSTIN
TOPPS	KAYCC KYLOH NELIE Q75 MXE NUGGY TRISH (RNAV)-STAR	BALTIMORE
TOPPS	ENE LWRNC	BEDFORD
TOPPS	AJJAY OOSHN (RNAV)-STAR	BOSTON
TOPPS	BEEKN Q97 SAWED DFENC Q109 LAANA AMYLU AMYLU (RNAV)-STAR	CHARLESTON, SC
TOPPS	KAYCC KYLOH NELIE Q75 GVE LYH CHSLY (RNAV)-STAR	CHARLOTTE
TOPPS	YUL LETAK Q824 TAGUM ECK FNT WYNDE (RNAV)-STAR	CHICAGO
TOPPS	ALB J49 PSB MAULL KODIE CTW TIGRR (RNAV)-STAR	CINCINNATI
TOPPS	KAYCC KYLOH BAF Q406 BWZ J6 HVQ Q68 LITTR FEWWWW SEEVR (RNAV)-STAR	DALLAS/FT WORTH
TOPPS	DERDO Q806 BOBTA TPGUN (RNAV)-STAR	DETROIT
TOPPS	LARIE Q220 RIFLE Q439 BRIGS SIE	DOVER
TOPPS	KAYCC KYLOH BAF HYPER Arrival	DULLES
TOPPS	KAYCC KYLOH NELIE Q75 GVE SBV RDU	FAYETTEVILLE, NC
TOPPS	BEEKN Q97 KALDA Q133 CHIEZ Y291 MAJIK CUUDA (RNAV)-STAR	FT LAUDERDALE
TOPPS	KAYCC KYLOH BAF Q448 PTW J48 CSN FANPO Q40 AEX DOOBI (RNAV)-STAR	HOUSTON
TOPPS	KAYCC KYLOH NELIE Q75 GVE FUBLL JUNNR (RNAV)-STAR	GREER, SC
TOPPS	ENE PARCH Arrival	KENNEDY
TOPPS	KAYCC KYLOH BAF Q406 BWZ J6 HVQ Q68 YOCKY UNCKL MAUDD (RNAV)-STAR	LOUISVILLE
TOPPS	LARIE Q220 RIFLE Q439 DRIFT V312 CYN	MCGUIRE
TOPPS	BEEKN Q97 SAWED MOXXY Q85 LPERD OMN BITHO STAR	MELBOURNE, FL
TOPPS	KAYCC KYLOH BAF Q406 BWZ J6 HVQ Q68 RYANS BWG BLUZZ (RNAV)-STAR	MEMPHIS
TOPPS	BEEKN Q97 KALDA Q101 SKARP Y313 HOAGG BNFSH (RNAV)-STAR	MIAMI
TOPPS	KAYCC KYLOH BAF Q406 BWZ J6 HVQ Q68 YOCKY GROAT PASLY (RNAV)-STAR	NASHVILLE
TOPPS	KAYCC KYLOH BAF Q448 PTW J48 CSN FANPO Q40 NIOLA MERDN TRSSH (RNAV)-STAR	NEW ORLEANS
TOPPS	HANAA FLOSI (RNAV)-STAR	NEWARK
TOPPS	BEEKN Q97 KALDA Q131 ZILLS Y289 BAHAA HIBAC ALYNA (RNAV)-STAR	ORLANDO
TOPPS	LARIE Q220 RIFLE Q439 BRIGS JIIMS (RNAV)-STAR	PHILADELPHIA
TOPPS	ALB J49 HNK KONJE SLT HAYNZ (RNAV)-STAR	PITTSBURGH
TOPPS	BEEKN Q439 RIFLE Q167 ZJAY TAQLE (RNAV)-STAR	RALEIGH-DURHAM
TOPPS	ALB V123 TRESA	STEWART
TOPPS	KAYCC KYLOH NELIE Q75 TEUFL BAAMF DADES (RNAV)-STAR	TAMPA
TOPPS	ALB V489 COATE	TETERBORO
TOPPS	VIVIL ROGSA URVAS DAXES VIBNU	MONTREAL/MIRABEL
TOPPS	ODBOS OMBRE-STAR	MONTREAL/ TRUDEAU
TOPPS	YUL LETAK IMEBA Arrival	TORONTO
TOPPS	ALB VALRE-STAR	WESTCHESTER
TOPPS	LFV SEY ARCAV HTO	WESTHAMPTON BEACH
TOPPS	ENE KEYNN	WINDSOR LOCKS

NORTH AMERICAN ROUTES

VIA TUSKY

Inland Navigation Facility/Fix	Non-Common Portion	Destination
TUSKY	LARIE Q220 RIFLE Q167 ZIZZI KNUKK ATR LAFLN SPISY (RNAV)-STAR	ANDREWS
TUSKY	BOS BAF Q448 PTW J48 MOL FLASK OZZZI (RNAV)-STAR	ATLANTA
TUSKY	BOS BAF Q406 BWZ J6 HVQ Q68 LITTR TXK BROBB WINDU SEWZY (RNAV)-STAR	AUSTIN
TUSKY	Q475 COPLY Q75 MXE NUGGY TRISH (RNAV)-STAR	BALTIMORE
TUSKY	SCUPP	BEDFORD
TUSKY	OOSHN OOSHN (RNAV)-STAR	BOSTON
TUSKY	BOS CTR HNK J49 PSB MAULL KODIE CTW TIGRR (RNAV)-STAR	CINCINNATI
TUSKY	FOXBO RIFLE HEADI Q97 SAWED DFENC Q109 LAANA AMYLU AMYLU (RNAV)-STAR	CHARLESTON, SC
TUSKY	Q475 COPLY Q75 GVE LYH CHSLY (RNAV)-STAR	CHARLOTTE
TUSKY	BOS BAF Q406 BWZ J6 HVQ Q68 LITTR FEWWWW SEEVR (RNAV)-STAR	DALLAS/FT WORTH
TUSKY	GONZZ DONEO TPGUN (RNAV)-STAR	DETROIT
TUSKY	LARIE Q220 RIFLE Q439 BRIGS SIE	DOVER
TUSKY	BOS BAF HYPER Arrival	DULLES
TUSKY	FOXBO RIFLE Q167 KALDA COUPN RDU	FAYETTEVILLE, NC
TUSKY	FOXBO RIFLE HEADI Q97 KALDA Q133 CHIEZ Y291 MAJIK CUUDA (RNAV)-STAR	FT LAUDERDALE
TUSKY	COPLY Q75 GVE FUBLL JUNNR (RNAV)-STAR	GREER, SC
TUSKY	BOS BAF Q448 PTW J48 CSN FANPO Q40 AEX DOOBI (RNAV)-STAR	HOUSTON
TUSKY	PLYMM PARCH Arrival	KENNEDY
TUSKY	BOS BAF Q406 BWZ J6 HVQ Q68 YOCKY UNCKL MAUDD (RNAV)-STAR	LOUISVILLE
TUSKY	LARIE Q220 RIFLE Q439 DRIFT V312 CYN	MCGUIRE
TUSKY	FOXBO RIFLE HEADI Q97 SAWED MOXXY Q85 LPERD OMN BITHO STAR	MELBOURNE, FL
TUSKY	BOS BAF Q406 BWZ J6 HVQ Q68 RYANS BWG BLUZZ (RNAV)-STAR	MEMPHIS
TUSKY	FOXBO RIFLE HEADI Q97 KALDA Q101 SKARP Y313 HOAGG BNFSH (RNAV)-STAR	MIAMI
TUSKY	BOS BAF Q448 PTW J48 CSN FANPO Q40 NIOLA MERDN TRSSH (RNAV)-STAR	NEW ORLEANS
TUSKY	Q475 COPLY BOS NELIE FLOSI (RNAV)-STAR	NEWARK
TUSKY	BOS BAF Q406 BWZ J6 HVQ Q68 YOCKY GROAT PASLY (RNAV)-STAR	NASHVILLE
TUSKY	FOXBO RIFLE HEADI Q97 KALDA Q131 ZILLS Y289 BAHAA HIBAC ALYNA (RNAV)-STAR	ORLANDO
TUSKY	LARIE Q220 RIFLE Q439 BRIGS JIIMS (RNAV)-STAR	PHILADELPHIA
TUSKY	BOS CTR HNK KONJE SLT HAYNZ (RNAV)-STAR	PITTSBURGH
TUSKY	FOXBO RIFLE Q167 ZJAAY TAQLE (RNAV)-STAR	RALEIGH-DURHAM
TUSKY	COPLY BOS NELIE T212 TRESA	STEWART
TUSKY	Q475 COPLY Q75 TEUFL BAAMF DADES (RNAV)-STAR	TAMPA
TUSKY	COPLY BOS BAF MOBBS SAGES V489 COATE	TETERBORO
TUSKY	COPLY BOS NELIE VALRE VALRE-STAR	WESTCHESTER
TUSKY	LFV SEY ARCAV HTO	WESTHAMPTON BEACH
TUSKY	BOS V1 GRAYM WITNY	WINDSOR LOCKS

VIA VANSI

Inland Navigation Facility/Fix	Non-Common Portion	Destination
VANSI	TVC OBK J73 BNA NEWBB IHAVE KNGGG CHPPR (RNAV)-STAR	ATLANTA
VANSI	SSM WYNDE (RNAV)-STAR	CHICAGO
VANSI	ROSVO Q802 KENLU Q804 DERLO DJB J83 APE TIGRR (RNAV)-STAR	CINCINNATI
VANSI	TVC BAE BDF WELTS SGF RZC FSM RRNET SEEVR (RNAV)-STAR	DALLAS/FT WORTH
VANSI	YVO BOBTA TPGUN (RNAV)-STAR	DETROIT
VANSI	TVC OBK J101 LIT J180 SWB ZEEKK (RNAV)-STAR	HOUSTON
VANSI	TVC OBK J71 RBS AARCH (RNAV)-STAR	ST LOUIS
VANSI	ROSVO IMEBA-STAR	TORONTO

NORTH AMERICAN ROUTES

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VIA VITOL

Inland Navigation Facility/Fix	Non-Common Portion	Destination
VITOL	JAWZZ Q220 RIFLE Q167 ZIZI KNUKK ATR LAFLN SPISY (RNAV)-STAR	ANDREWS
VITOL	ACK Q430 BYRDD J48 MOL FLASK OZZZI (RNAV)-STAR	ATLANTA
VITOL	ACK Q430 SAAME J6 HVQ Q68 LITTR TXK BROBB WINDU SEWZY (RNAV)-STAR	AUSTIN
VITOL	SCUPP	BEDFORD
VITOL	OOSHN OOSHN (RNAV)-STAR	BOSTON
VITOL	ACK Q430 RIFLE HEADI Q97 SAWED DFENC Q109 LAANA AMYLU AMYLU (RNAV)-STAR	CHARLESTON, SC
VITOL	ACK Q430 COPES Q75 GVE LYH CHSLY (RNAV)-STAR	CHARLOTTE
VITOL	BOS CTR HNK J49 PSB MAULL KODIE CTW TIGRR (RNAV)-STAR	CINCINNATI
VITOL	ACK Q430 SAAME J6 HVQ Q68 LITTR FEWWW SEEVR (RNAV)-STAR	DALLAS/FT WORTH
VITOL	ACK Q430 SAAME BRNAN Q42 PSYKO KOZAR BONZZ (RNAV)-STAR	DETROIT
VITOL	JAWZZ Q220 RIFLE Q439 BRIGS SIE	DOVER
VITOL	ACK Q430 RBV HYPER (RNAV)-STAR	DULLES
VITOL	ACK Q430 RIFLE Q167 KALDA COUPN RDU	FAYETTEVILLE, NC
VITOL	ACK Q430 RIFLE HEADI Q97 KALDA Q133 CHIEZ Y291 MAJIK CUUDA (RNAV)-STAR	FT LAUDERDALE
VITOL	ACK Q430 COPES Q75 GVE FUBLL JUNNR (RNAV)-STAR	GREER, SC
VITOL	ACK Q430 BYRDD J48 CSN FANPO Q40 AEX DOOBI (RNAV)-STAR	HOUSTON
VITOL	PLYMM PARCH Arrival	KENNEDY
VITOL	ACK Q430 SAAME J6 HVQ Q68 YOCKY UNCKL MAUDD (RNAV)-STAR	LOUISVILLE
VITOL	JAWZZ Q220 RIFLE Q439 DRIFT V312 CYN	MCGUIRE
VITOL	ACK Q430 RIFLE HEADI Q97 SAWED MOXXY Q85 LPERD OMN BITHO STAR	MELBOURNE, FL
VITOL	ACK Q430 SAAME J6 HVQ Q68 RYANS BWG BLUZZ (RNAV)-STAR	MEMPHIS
VITOL	ACK Q430 RIFLE HEADI Q97 KALDA Q101 SKARP Y313 HOAGG BNFSH (RNAV)-STAR	MIAMI
VITOL	ACK Q430 SAAME J6 HVQ Q68 YOCKY GROAT PASLY (RNAV)-STAR	NASHVILLE
VITOL	ACK Q430 BYRDD J48 CSN FANPO Q40 NIOLA MERDN TRSSH (RNAV)-STAR	NEW ORLEANS
VITOL	COPLY BOS NELIE FLOSI (RNAV)-STAR	NEWARK
VITOL	ACK Q430 RIFLE HEADI Q97 KALDA Q131 ZILLS Y289 BAHAA HIBAC ALYNA (RNAV)-STAR	ORLANDO
VITOL	JAWZZ Q220 RIFLE Q439 BRIGS JIIMS (RNAV)-STAR	PHILADELPHIA
VITOL	ACK Q430 RIFLE Q167 ZJAAY TAQLE (RNAV)-STAR	RALEIGH-DURHAM
VITOL	COPLY BOS NELIE T212 TRESA	STEWART
VITOL	ACK Q430 COPES Q75 TEUFL BAAMF DADES (RNAV)-STAR	TAMPA
VITOL	COPLY BOS BAF MOBBS SAGES V489 COATE	TETERBORO
VITOL	COPLY BOS NELIE VALRE VALRE-STAR	WESTCHESTER
VITOL	LFV SEY ARCAV HTO	WESTHAMPTON BEACH
VITOL	BOS V1 GRAYM WITNY	WINDSOR LOCKS

VIA WHALE

Inland Navigation Facility/Fix	Non-Common Portion	Destination
WHALE	LARIE Q220 RIFLE Q167 ZIZZI KNUKK ATR LAFLN SPISY (RNAV)-STAR	ANDREWS
WHALE	BOS BAF Q448 PTW J48 MOL FLASK OZZZI (RNAV)-STAR	ATLANTA
WHALE	BOS BAF Q406 BWZ J6 HVQ Q68 LITTR TXK BROBB WINDU SEWZY (RNAV)-STAR	AUSTIN
WHALE	BOS Q75 MXE NUGGY TRISH (RNAV)-STAR	BALTIMORE
WHALE	SCUPP	BEDFORD
WHALE	OOSHN OOSHN (RNAV)-STAR	BOSTON
WHALE	ACK Q430 RIFLE HEADI Q97 SAWED DFENC Q109 LAANA AMYLU AMYLU (RNAV)-STAR	CHARLESTON, SC
WHALE	ACK Q430 COPES Q75 GVE LYH CHSLY (RNAV)-STAR	CHARLOTTE
WHALE	BOS CTR HNK J49 PSB MAULL KODIE CTW TIGRR (RNAV)-STAR	CINCINNATI
WHALE	BOS BAF Q406 BWZ J6 HVQ Q68 LITTR FEWWWW SEEVV (RNAV)-STAR	DALLAS/FT WORTH
WHALE	CAM Q822 GONZZ DONEO TPGUN (RNAV)-STAR	DETROIT
WHALE	LARIE Q220 RIFLE Q439 BRIGS SIE	DOVER
WHALE	BOS BAF HYPER Arrival	DULLES
WHALE	ACK Q430 RIFLE Q167 KALDA COUPN RDU	FAYETTEVILLE, NC
WHALE	ACK Q430 RIFLE HEADI Q97 KALDA Q133 CHIEZ Y291 MAJIK CUUDA (RNAV)-STAR	FT LAUDERDALE
WHALE	ACK Q430 COPES Q75 GVE FUBLL JUNNR (RNAV)-STAR	GREER, SC
WHALE	BOS BAF Q448 PTW J48 CSN FANPO Q40 AEX DOOBI (RNAV)-STAR	HOUSTON
WHALE	PLYMM PARCH Arrival	KENNEDY
WHALE	BOS BAF Q406 BWZ J6 HVQ Q68 YOCKY UNCKL MAUDD (RNAV)-STAR	LOUISVILLE
WHALE	LARIE Q220 RIFLE Q439 DRIFT V312 CYN	MCGUIRE
WHALE	ACK Q430 RIFLE HEADI Q97 SAWED MOXXY Q85 LPERD OMN BITHO STAR	MELBOURNE, FL
WHALE	BOS BAF Q406 BWZ J6 HVQ Q68 RYANS BWG BLUZZ (RNAV)-STAR	MEMPHIS
WHALE	ACK Q430 RIFLE HEADI Q97 KALDA Q101 SKARP Y313 HOAGG BNFSH (RNAV)-STAR	MIAMI
WHALE	BOS BAF Q406 BWZ J6 HVQ Q68 YOCKY GROAT PASLY (RNAV)-STAR	NASHVILLE
WHALE	BOS BAF Q448 PTW J48 CSN FANPO Q40 NIOLA MERDN TRSSH (RNAV)-STAR	NEW ORLEANS
WHALE	COPLY BOS NELIE FLOSI (RNAV)-STAR	NEWARK
WHALE	ACK Q430 RIFLE HEADI Q97 KALDA Q131 ZILLS Y289 BAHAA HIBAC ALYNA (RNAV)-STAR	ORLANDO
WHALE	LARIE Q220 RIFLE Q439 BRIGS JIIMS (RNAV)-STAR	PHILADELPHIA
WHALE	BOS CTR HNK KONJE SLT HAYNZ (RNAV)-STAR	PITTSBURGH
WHALE	ACK Q430 RIFLE Q167 ZJAAY TAQLE (RNAV)-STAR	RALEIGH-DURHAM
WHALE	COPLY BOS NELIE T212 TRESA	STEWART
WHALE	ACK Q430 COPES Q75 TEUFL BAAMF DADES (RNAV)-STAR	TAMPA
WHALE	COPLY BOS BAF MOBBS SAGES V489 COATE	TETERBORO
WHALE	COPLY BOS NELIE VALRE VALRE-STAR	WESTCHESTER
WHALE	LFV SEY ARCAV HTO	WESTHAMPTON BEACH
WHALE	BOS V1 GRAYM WITNY	WINDSOR LOCKS

MINIMUM OPERATIONAL NETWORK (MON) AIRPORT LISTING




STATE	CITY	AIRPORT NAME	LOCATION IDENTIFIER
CT	WINDSOR LOCKS	BRADLEY INTL	BDL
MA	HYANNIS	CAPE COD GATEWAY	HYA
MD	FREDERICK	FREDERICK MUNI	FDK
ME	MILLINOCKET	MILLINOCKET MUNI	MLT
ME	PORTLAND	PORTLAND INTL JETPORT	PWM
ME	PRESQUE ISLE	PRESQUE ISLE INTL	PQI
ME	WATERVILLE	WATERVILLE ROBERT LAFLEUR	WVL
NJ	WILDWOOD	CAPE MAY COUNTY	WWD
NY	BINGHAMTON	GREATER BINGHAMTON/EDWIN A LINK FLD	BGM
NY	JAMESTOWN	CHAUTAUQUA COUNTY/JAMESTOWN	JHW
NY	NEW YORK	NEW YORK STEWART INTL	SWF
NY	WATERTOWN	WATERTOWN INTL	ART
PA	BUTLER	PITTSBURGH/BUTLER RGNL	BTP
VA	CHARLOTTESVILLE	CHARLOTTESVILLE-ALBEMARLE	CHO
VA	RICHMOND	RICHMOND INTL	RIC
VT	BARRE/MONTPELIER	EDWARD F KNAPP STATE	MPV
WV	CHARLESTON	WEST VIRGINIA INTL YEAGER	CRW

In support of the Federal Aviation Administration's Runway Inursion Program, selected towered airport diagrams have been published in the Airport Diagram section of the Chart Supplement. Diagrams will be listed alphabetically by associated city and airport name. Airport diagrams, depicting runway and taxiway configurations, will assist both VFR and IFR pilots in ground taxi operations. The airport diagrams in this publication are the same as those published in the U.S. Terminal Procedures Publications. For additional airport diagram legend information see the U.S. Terminal Procedures Publication.


NOTE: Some text data published under the individual airport in the front portion of the Chart Supplement may be more current than the data published on the Airport Diagrams. The airport diagrams are updated only when significant changes occur.

PILOT CONTROLLED AIRPORT LIGHTING SYSTEMS

Available pilot controlled lighting (PCL) systems are indicated as follows:

1. Approach lighting systems that bear a system identification are symbolized using negative symbology, e.g., , , .

2. Approach lighting systems that do not bear a system identification are indicated with a negative "0" beside the name.

A star (★) indicates non-standard PCL, consult Chart Supplement, e.g., .

To activate lights, use frequency indicated in the communication section of the chart with a  or the appropriate lighting system identification e.g., UNICOM 122.8 , , .

<u>KEY MIKE</u>	<u>FUNCTION</u>
7 times within 5 seconds	Highest intensity available
5 times within 5 seconds	Medium or lower intensity (Lower REIL or REIL-off)
3 times within 5 seconds	Lowest intensity available (Lower REIL or REIL-off)

CHART CURRENCY INFORMATION

Date of Latest Revision 09365

The Date of Latest Revision identifies the Julian date the chart was added or last revised for any reason. The first two digits indicate the year, the last three digits indicate the day of the year (001 to 365/6) in which the latest revision of any kind has been made to the chart.

FAA Procedure Amendment Number	→	Orig 31DEC09 Amdt 2B 12MAR09	←	Procedure Amendment Effective Date
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The FAA Procedure Amendment Number represents the most current amendment of a given procedure. The Procedure Amendment Effective Date represents the AIRAC cycle date on which the procedure amendment was incorporated into the chart. Updates to the amendment number & effective date represent procedural/criteria revisions to the charted procedure, e.g., course, fix, altitude, minima, etc.

NOTE: Inclusion of the "Procedure Amendment Effective Date" will be phased in as procedures are amended. As this occurs, the Julian date will be relocated to the upper right corner of the chart.

MISCELLANEOUS

★ Indicates a non-continuously operating facility, see Chart Supplement.

For Civil (FAA) instrument procedures, "RADAR REQUIRED" in the planview of the chart indicates that ATC radar must be available to assist the pilot when transitioning from the en route environment. "Radar required" in the pilot briefing portion of the chart indicates that ATC radar is required on portions of the procedure outside the final approach segment, including the missed approach. Some military procedures also have equipment requirements such as "Radar Required", but do not conform to the same charting application standards used by the FAA. Distances in nautical miles (except visibility in statute miles and Runway Visual Range in hundreds of feet). Runway Dimensions in feet. Elevations in feet. Mean Sea Level (MSL). Ceilings in feet above airport elevation. Radials/bearings/headings/courses are magnetic. Horizontal Datum: Unless otherwise noted on the chart, all coordinates are referenced to North American Datum 1983 (NAD 83), which for charting purposes is considered equivalent to World Geodetic System 1984 (WGS 84).

Terrain is scaled within the neat lines (planview boundaries) and does not accurately underlie not-to-scale distance depictions or symbols.

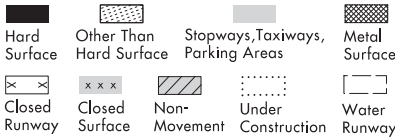
24025

LEGEND

INSTRUMENT APPROACH PROCEDURES (CHARTS)

AIRPORT DIAGRAM/AIRPORT SKETCH

Runways

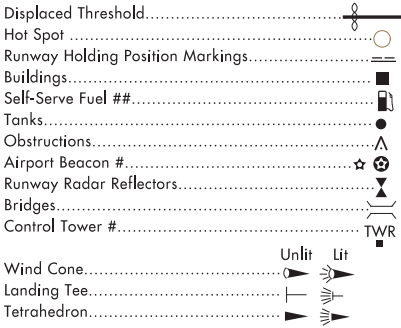


ARRESTING GEAR: Specific arresting gear systems; e.g., BAK12, MA-1A etc., shown on airport diagrams, not applicable to Civil Pilots. Military Pilots refer to appropriate DOD publications.



ARRESTING SYSTEM (EMAS)

REFERENCE FEATURES



When Control Tower and Rotating Beacon are co-located, Beacon symbol will be used and further identified as TWR.
See appropriate Chart Supplement for information.

Runway Weight Bearing Capacity or Pavement Classification Number (PCN)/Pavement Classification Rating (PCR) is shown as a codified expression. Refer to the appropriate Supplement/Directory for applicable codes e.g., RWY 14-32 PCR 560 R/B/W/T; S-75, D-185, 2D-325, 2D/2D2-1120

Helicopter Alighting Areas

Negative Symbols used to identify Copter Procedures landing point.....

NOTE: Landmark features depicted on Copter Approach insets and sketches are provided for visual reference only.

Runway TDZ elevation.....TDZE 123
Runway Slope..... 0.3% Down.....0.8% UP (shown when rounded runway slope is \geq 0.3%)

NOTE: Runway Slope measured to midpoint on runways 8000 feet or longer.

U.S. Navy Optical Landing System (OLS) "OLS" location is shown because of its height of approximately 7 feet and proximity to edge of runway may create an obstruction for some types of aircraft.

Approach light symbols are shown in the Flight Information Handbook.

Airport diagram scales are variable.

True/magnetic North orientation may vary from diagram to diagram

Coordinate values are shown in 1 or 1/2 minute increments. They are further broken down into 6 second ticks, within each 1 minute increments.

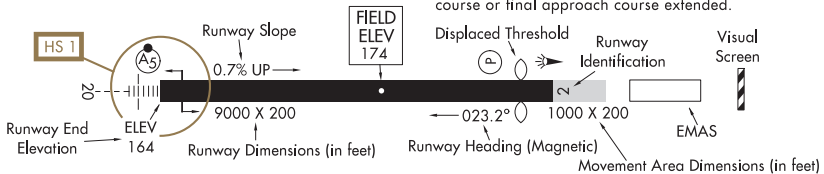
Positional accuracy within \pm 600 feet unless otherwise noted on the chart.

Runway length depicted is the physical length of the runway (end-to-end, including displaced thresholds if any) but excluding areas designated as stopways.

A symbol is shown to indicate runway declared distance information available, see appropriate Chart Supplement for distance information.

NOTE: All new and revised airport diagrams are shown referenced to the World Geodetic System (WGS) (noted on appropriate diagram), and may not be compatible with local coordinates published in DoD FLIP. (Foreign Only)

The airport sketch box includes the final approach course or final approach course extended.



SCOPE

Airport diagrams are specifically designed to assist in the movement of ground traffic at locations with complex runway/taxiway configurations. Airport diagrams are not intended to be used for approach and landing or departure operations. For revisions to Airport Diagrams: Consult FAA Order 7910.4.

LEGEND

HOT SPOTS

An "Airport surface hot spot" is a location on an aerodrome movement area with a history or potential risk of collision or runway incursion, and where heightened attention by pilots/drivers is necessary.

A "hot spot" is a runway safety related problem area on an airport that presents increased risk during surface operations. Typically it is a complex or confusing taxiway/taxiway or taxiway/runway intersection. The area of increased risk has either a history of or potential for runway incursions or surface incidents, due to a variety of causes, such as but not limited to: airport layout, traffic flow, airport marking, signage and lighting, situational awareness, and training. Hot spots are depicted on airport diagrams as open circles or polygons designated as "HS 1", "HS 2", etc. and tabulated in the list below with a brief description of each hot spot. Hot spots will remain charted on airport diagrams until such time the increased risk has been reduced or eliminated.

CITY/AIRPORT	HOT SPOT	DESCRIPTION
CONNECTICUT		
DANBURY		
DANBURY MUNI (DXR)	HS 1	Maint vigilance confusing twy configuration. Pilots unfamiliar should ask for progressives.
	HS 2	Area not visible from the twr.
	HS 3	Active ramp adjacent to twy.
	HS 4	Hold position marking on Twy C for Rwy 26 is further from the rwy than the std location. It will appear before you expect it.
GROTON (NEW LONDON)		
GROTON-NEW LONDON (GON)	HS 1	When Idg Rwy 15-33 and exit on Twy C, you immediately enter the parallel Twy B.
	HS 2	When Idg Rwy 15-33 and exit on Twy J, you immediately enter the parallel Twy B.
HARTFORD		
HARTFORD-BRAINARD (HFD)	HS 1	Helipad is in close proximity to the intersection of Twy A and Twy H.
WINDSOR LOCKS		
BRADLEY INTL (BDL)	HS 1	Acft on Twy S missing Twy C may enter Rwy 24.
	HS 2	Acft on Twy D missing Twy S may enter Rwy 33.
DELAWARE		
DOVER		
DOVER AFB (DOV)	HS 1	Intersecting of Rwy 01-19, Rwy 14-32 and Twy D btn the runways can create confusion. Query twr if lost or need help.
	HS 2	Rwy 01-19 btn Twy B and Twy E has had an increased No of rwy incursions.
	HS 3	Rwy 14-32 btn C Twy has had an increased No of rwy incursions.
WILMINGTON		
NEW CASTLE (ILG)	HS 1	Twy F intersects Rwy 09-27 which is in close proximity to the thld of Rwy 14-32.
DISTRICT OF COLUMBIA		
WASHINGTON		
MANASSAS RGNL/HARRY P DAVIS FLD (HEF)	HS 1	Maint vigilance on Twy K crossing Rwy 16L-34R to flw markings leading towards Twy B3.
WASHINGTON		
RONALD REAGAN WASHINGTON NTL (DCA)	HS 1	Twy N, Twy K, Twy L, and Twy J complex int in close proximity of the rwy.
	HS 2	Maint awareness of Hold Line posn for Rwy 19 fr the Hold Bay and while approaching Rwy 19 on Twy J.
	HS 3	Acft joining Twy J inadvertently cont onto Twy G or Twy M and enter Rwy 01-19 wo clnc.
MAINE		
PORTLAND		
PORTLAND INTL JETPORT (PWM)	HS 1	Acft taxiing southbound on Twy C must be alert to not miss the turn at Twy A and enter Rwy 11-29 wo authorization.
	HS 2	Acft taxiing northbound on Twy C must maint vigilance apch the Rwy 18 hold short marking which is lctd further S on Twy C than most pilots would anticipate.

CITY/AIRPORT	HOT SPOT	DESCRIPTION
MARYLAND		
EASTON EASTON/NEWNAM FLD (ESN)	HS 1	Acft taxiing southbound on Twy A to Rwy 33 inadvertently miss the turn onto Twy B and enter Rwy 33 without a clearance. Twy A and Twy B intersection in close proximity to the rwy.
FREDERICK FREDERICK MUNI (FDK)	HS 1	Northbound tfc on Twy A must remain alert as to not miss Twy B when taxiing to Rwy 30 and Southeast bound tfc on Twy B as not to miss Twy A when taxiing to Rwy 23.
	HS 2	Northbound tfc on Twy A need to be alert as not to miss Twy B and inadvertently taxi onto Rwy 30.
	HS 3	Southeast bound tfc on Twy B need to be alert as not to miss Twy A and inadvertently taxi onto Rwy 23.
HAGERSTOWN HAGERSTOWN RGNL/RICHARD A HENSON FLD (HGR)	HS 1	Maint vigilance congestion area and close proximity to rwys
MASSACHUSETTS		
BEDFORD LAURENCE G HANSCOM FLD (BED)	HS 1	Pilots become confused with the wide expanse of pavement and convergence of numerous twys.
BEVERLY BEVERLY RGNL (BYY)	HS 1	Prepare to hold short of Rwy 16–34 immediately after exiting the East Ramp.
	HS 2	Acft taxiing SE on Twy E fail to turn on Twy H and enter Rwy 27 without authorization.
BOSTON GENERAL EDWARD LAWRENCE LOGAN INTL (BOS)	HS 1	Maint vigilance when taxiing on Rwy 15L–33R approaching Rwy 04L–22R.
	HS 2	Taxiing on Twy N approaching Rwy 15R–33L.
	HS 3	Maint vigilance on Twy E and Twy K when approaching Rwy 04L–22R.
	HS 4	Maint vigilance on Twy C when approaching Rwy 09–27. Maint vigilance on Twy D when approaching Rwy 15R–33L.
LAWRENCE LAWRENCE MUNI (LWM)	HS 1	Maintain vigilance approaching Rwy 05–23 hold lines.
	HS 2	Maintain vigilance on Twy A; hold line to Rwy 14–32 appears quickly.
	HS 3	Maintain vigilance approaching Rwy 05–23 hold lines.
NANTUCKET NANTUCKET MEML (ACK)	HS 1	Maint vigilance while taxiing. High tfc area.
	HS 2	Maint vigilance while taxiing. High tfc area.
	HS 3	Maint vigilance while taxiing. High tfc area.
	HS 4	Maint vigilance Twy H and Twy E. High tfc area.
WESTFIELD/SPRINGFIELD WESTFIELD–BARNES RGNL (BAF)	HS 1	Maint vigilance departing ramp. Twy A and Twy B complex int in close proximity to rwys.
	HS 2	Unusual lctn for rwy hold posn marking on Twy A for Rwy 15.
NEW HAMPSHIRE		
LEBANON LEBANON MUNI (LEB)	HS 1	Rwy hold position marking for Rwy 25 on Twy B is further down the twy than most pilots would expect. When taxiing to Rwy 25 on Twy B the hold line will appear before you expect it.
	HS 2	North Ramp and Twy B between Twy B1 and Twy B2 area not visible from the twr.
	HS 3	Acft routinely back taxi on Rwy 18–36.

CITY/AIRPORT	HOT SPOT	DESCRIPTION
NEW JERSEY		
ATLANTIC CITY ATLANTIC CITY INTL (ACY)	HS 1	Maint vigilance crossing Rwy 13-31 on Twy A and Rwy 04-22 on Twy B due to close proximity.
CALDWELL ESSEX CO (CDW)	HS 1	Pilots taxiing to Rwy 28 northbound on Twy P should exercise caution at intersection of Twy P and Twy N due to close proximity to Rwy 28.
NEWARK NEWARK LIBERTY INTL (EWR)	HS 1	EB acft departing full len Rwy 22R may become disoriented after reaching the Rwy 22R/04L hold bar on Twy Zulu. From this pt Twy ZA is to the left, Twy Z cont straight ahead, and the end of Rwy 22R is the next right turn, marked by 4 yellow chevrons on the pavement. Also, acft taxiing NB via Twy P, crossing Rwy 11/29 and turning WB onto Twy Z will immediately reach Rwy 04L/22R hold bar.
	HS 2	Southbound tfc on Twy Z5 & Twy Z6 should not confuse Rwy 11-29 for Twy Z.
TETERBORO TETERBORO (TEB)	HS 1	Maintain vigilance on Twy L at Rwy 06-24. High tfc area.
	HS 2	Maintain vigilance on Twy G at Rwy 06-24. High tfc area.
WRIGHTSTOWN MC GUIRE FLD (JOINT BASE MC GUIRE DIX LAKEHURST) (WRI)	HS 1	Acft southbound on Twy H may be required to hold short of Rwy 36 Apch Zone when Rwy 36 or Rwy 18 in use. Rwy 36 Apch Zone is prior to Rwy 36 Hold Short Line.
	HS 2	Acft southwest bound on Twy G may be required to hold short of Rwy 36 Apch Zone when Rwy 36 or Rwy 18 in use.
NEW YORK		
BUFFALO BUFFALO NIAGARA INTL (BUF)	HS 1	Maintain vigilance Twy D and Twy A waiver for ATC crossings.
FARMINGDALE REPUBLIC (FRG)	HS 1	When taxiing to Rwy 01 on Twy A, pilots fail to make a right on Twy B and enter Rwy 01/19.
NEW YORK JOHN F KENNEDY INTL (JFK)	HS 1	Maint vigilance Twy K and Twy J complex int close proximity to Rwy 04L and Rwy 31L.
NEW YORK LAGUARDIA (LGA)	HS 1	Intersection of rwys and Twy G, Twy P, Twy R, Twy S.
	HS 2	Maintain vigilance when exiting Rwy 04 at Twy Q. Be sure to completely cross the hold line which requires crossing onto another twy.
NEW YORK LONG ISLAND MAC ARTHUR (ISP)	HS 1	Maint vigilance at Int. of Rwy 24 and 33L, pilots often depart Rwy 24 instead of 33L.
NEW YORK NEW YORK STEWART INTL (SWF)	HS 1	Northbound tfc on Twy C sometimes encounter tfc on Twy A.
	HS 2	Be alert of hold line lctn on twy for Rwy 09-27.
NIAGARA FALLS NIAGARA FALLS INTL (IAG)	HS 1	Rwy 28R departures from Twy D1 close proximity to Rwy 24.
	HS 2	Twy D goes full len Rwy 24 departures. Twy D1 is for full len departures Rwy 28R.
POUGHKEEPSIE HUDSON VALLEY RGNL (POU)	HS 1	Hold line further back on Twy A. ATC non-viz area btw Twy A6 and Rwy 06.
	HS 2	Be alert of hold line lctn on Twy A5 for Rwy 06-24.
ROCHESTER FREDERICK DOUGLASS/GREATER ROCHESTER INTL (ROC)	HS 1	Be alert of hold line lctn on Twy E North side of Rwy 07-25.

CITY/AIRPORT	HOT SPOT	DESCRIPTION
SYRACUSE SYRACUSE HANCOCK INTL (SYR)	HS 1	Acft taxiing to Rwy 28 have missed the left turn on Twy A or taxiing to Rwy 33 missed the right turn on Twy M.
PENNSYLVANIA		
HARRISBURG CAPITAL CITY (CXY)	HS 1	Rwy 26 LAHSO pavement marking is difficult to see in late afternoon due to sun.
	HS 2	Rwy 08 ILS Critical Area hold line pavement marking is NSTD.
	HS 3	Twy C at Rwy 30. Entrance to Twy B is difficult to see from Twy C due to large pavement area.
HARRISBURG HARRISBURG INTL (MDT)	HS 1	Acft taxiing westbound on Twy G inadvertently miss the turn onto Twy A and enter Rwy 13-31 w/o authorization. Twy A and Twy G int in close proximity to the rwy.
PHILADELPHIA PHILADELPHIA INTL (PHL)	HS 1	Tfc taxiing south on Twy Y must be alert to not miss the turn at Twy S and enter onto Rwy 09R-27L.
	HS 2	Maint vigilance, Twy E apch hold to protect Rwy 26 ovrn.
	HS 3	Maint vigilance Twy K and Twy D close int to Rwy 35 and 27R.
PITTSBURGH ALLEGHENY CO (AGC)	HS 1	Wide pavement int multiple rwys.
	HS 2	Wide pavement int with ramps, twys, and rwy.
READING READING RGNL/CARL A SPAATZ FLD (RDG)	HS 1	Hold lines on Twy B for Rwy 31 and Rwy 36 can be confusing due to close proximity.
	HS 2	Area along Twy H from Twy D to Rwy 18 hold line not visible from ATCT.
	HS 3	Area along Twy A from terminal ramp to Rwy 36 hold line not visible from ATCT.
	HS 4	Maint vigilance confusing twy configuration near adj ramp.
WILLIAMSPORT WILLIAMSPORT RGNL (IPT)	HS 1	Tfc approaching the Rwy 27 and Rwy 30 Hold Line on Twy B must remain alert so as not to mistake that Hold Line as applying to a single rwy only. The Hold Line applies to Rwy 27 and Rwy 30.
RHODE ISLAND		
PROVIDENCE RHODE ISLAND TF GREEN INTL (PVD)	HS 1	Main vigilance at Twy M and Twy C due to vast amount of pavement and multiple rwy hold lines in close proximity of rwy.
	HS 2	Int of Rwy 16-34, Twy V, Twy N, and Twy T -complex int with a convergence of numerous twys with Rwy 16-34.
	HS 3	Twy M at the int of Twy B use extra vigilance due to vast amount of pavement and multiple hold lines in close proximity of rwy.
	HS 4	Maint vigilance dep northwest ramp. Twy S is imm'd adj to NW ramp. Acft could inadvertently enter Rwy 16-34.
	HS 5	Maint vigilance hold short for Rwy 34 not where expected.
VERMONT		
BURLINGTON PATRICK LEAHY BURLINGTON INTL (BTV)	HS 1	Use caution HS markings approach quickly for Rwy 19 after crossing Rwy 15-33 at Twy A due to crown in middle of Rwy 15-33.
	HS 2	Wrong rwy departure risk. Wide expanse of pavement confusing pilots instructed to depart Rwy 19.
	HS 3	Maint vigilance approaching Rwy 01-19 on Twy B from Twy A and exiting either Rwy 15-33 or Rwy 01-19. Observe elevated rwy guard lights.
	HS 4	Maint vigilance approaching Rwy 01-19 on Twy C from Twy A. Observe elevated rwy guard lights.

AIRPORT DIAGRAMS

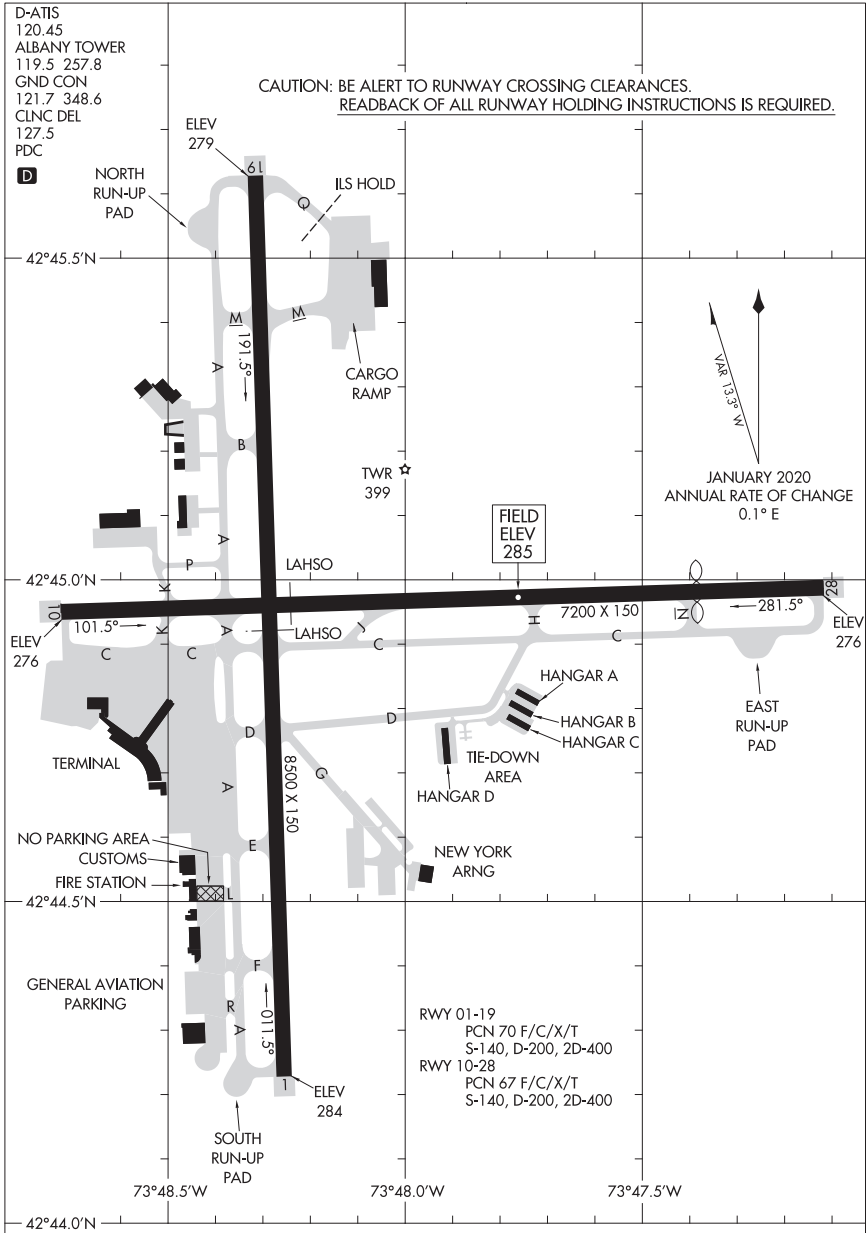
CITY/AIRPORT	HOT SPOT	DESCRIPTION
VIRGINIA		
NEWPORT NEWS NEWPORT NEWS/WILLIAMSBURG INTL (PHF)	HS 1	Maintain vigilance. Due to the large pavement area at the int of Rwy 07-25 and Rwy 02-20, pilots can easily become disoriented through the int.
	HS 2	Wrong rwy departure risk. Pilots instructed to depart Rwy 07 or Rwy 02 may mistakenly depart the adjacent rwy due to the close proximity of the thlds.
RICHMOND RICHMOND INTL (RIC)	HS 1	Wrong rwy departure risk. Pilots instructed to depart Rwy 20 or Rwy 16 mistakenly depart the adjacent rwy due to close proximity of thlds. Acft ldg Rwy 34 unable to exit Twy C expect to cross the departure end of Rwy 02 to clear the rwy.
WEST VIRGINIA		
HUNTINGTON TRI-STATE/MILTON J FERGUSON FLD (HTS)	HS 1	Maintain vigilance, Twy A does not lead to the end of Rwy 12. Full length departures rqr rwy crossing.

21168

AIRPORT DIAGRAM

AL-10 (FAA)

ALBANY INTL (ALB)
ALBANY, NEW YORK



AIRPORT DIAGRAM

21168

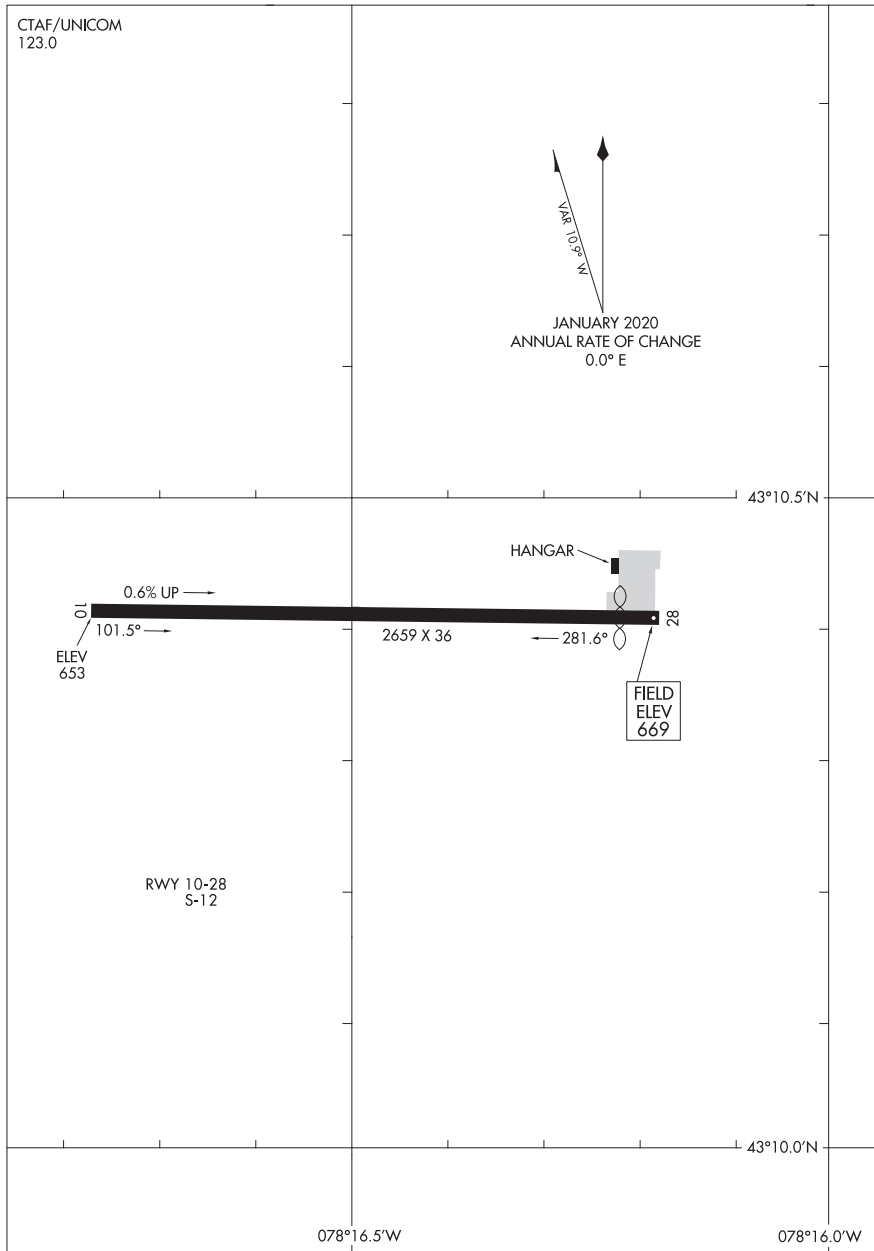
ALBANY, NEW YORK
ALBANY INTL (ALB)

20086

AIRPORT DIAGRAM

AL-6495 (FAA)

PINE HILL (9G6)
ALBION, NEW YORK



AIRPORT DIAGRAM

20086

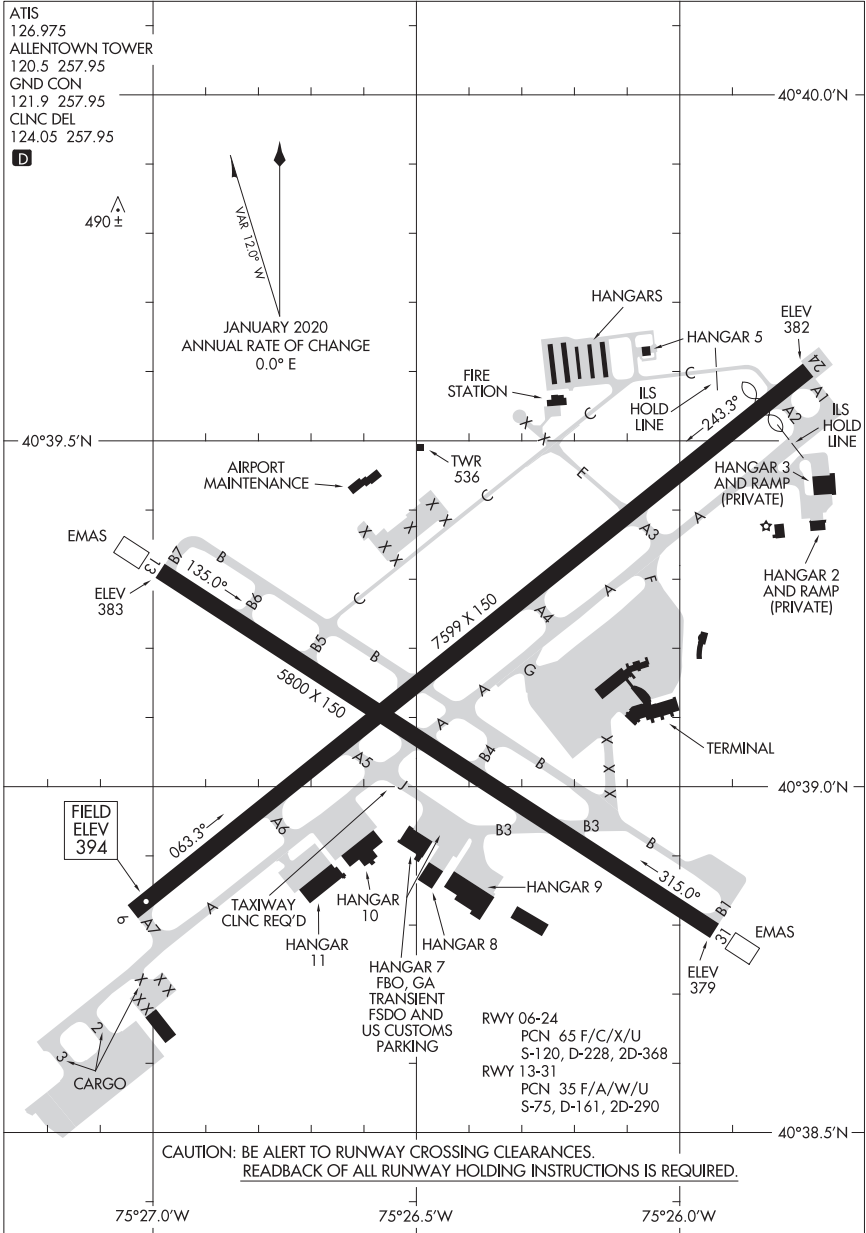
ALBION, NEW YORK
PINE HILL (9G6)

23278

AIRPORT DIAGRAM

AL-15 (FAA)

LEHIGH VALLEY INTL (ABE)
ALLENTOWN, PENNSYLVANIA



AIRPORT DIAGRAM

23278

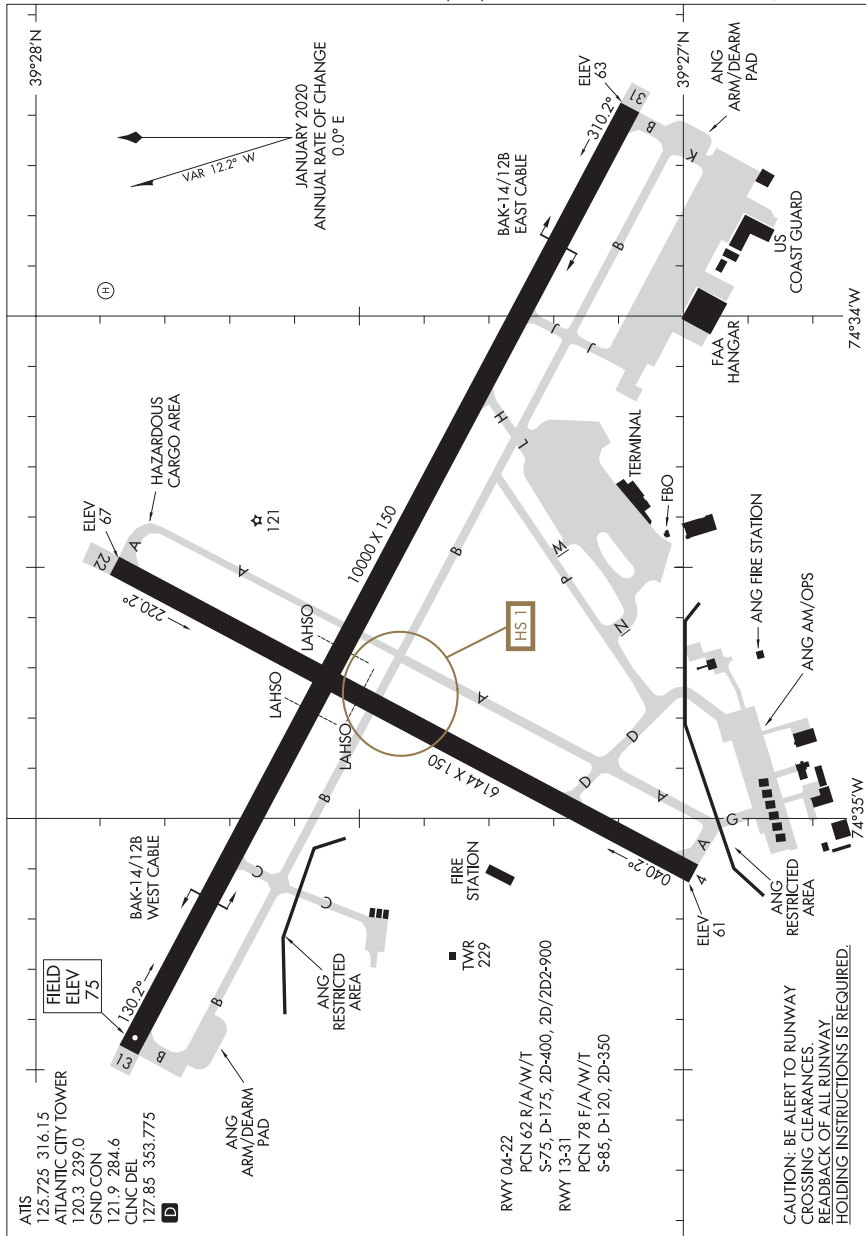
ALLENTOWN, PENNSYLVANIA
LEHIGH VALLEY INTL (ABE)

23110

AIRPORT DIAGRAM

AL-669 (FAA)

ATLANTIC CITY INTL (ACY)
ATLANTIC CITY, NEW JERSEY



AIRPORT DIAGRAM

23110

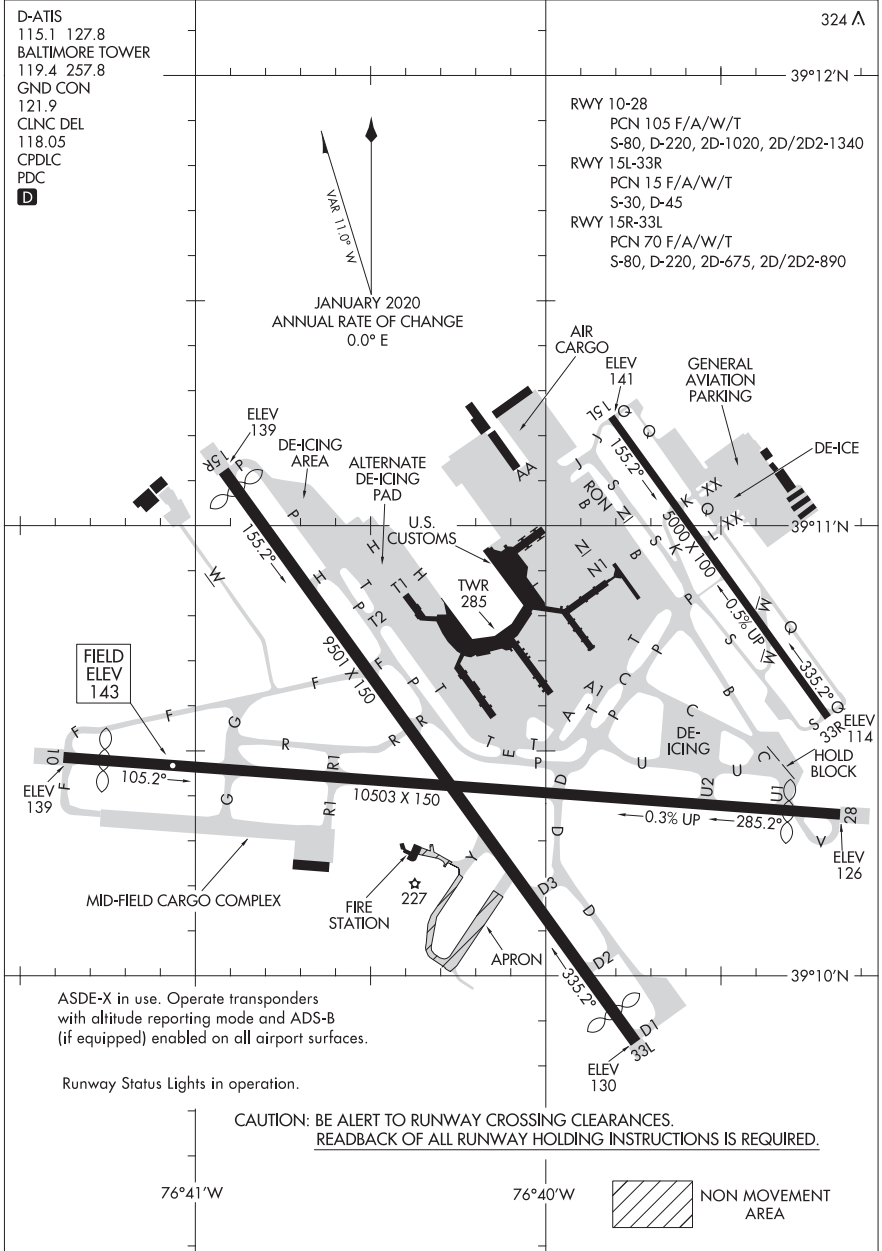
ATLANTIC CITY, NEW JERSEY
ATLANTIC CITY INTL (ACY)

20366

AIRPORT DIAGRAM

BALTIMORE/WASHINGTON INTL THURGOOD MARSHALL (BWI) BALTIMORE, MARYLAND

AL-804 (FAA)



AIRPORT DIAGRAM

20366

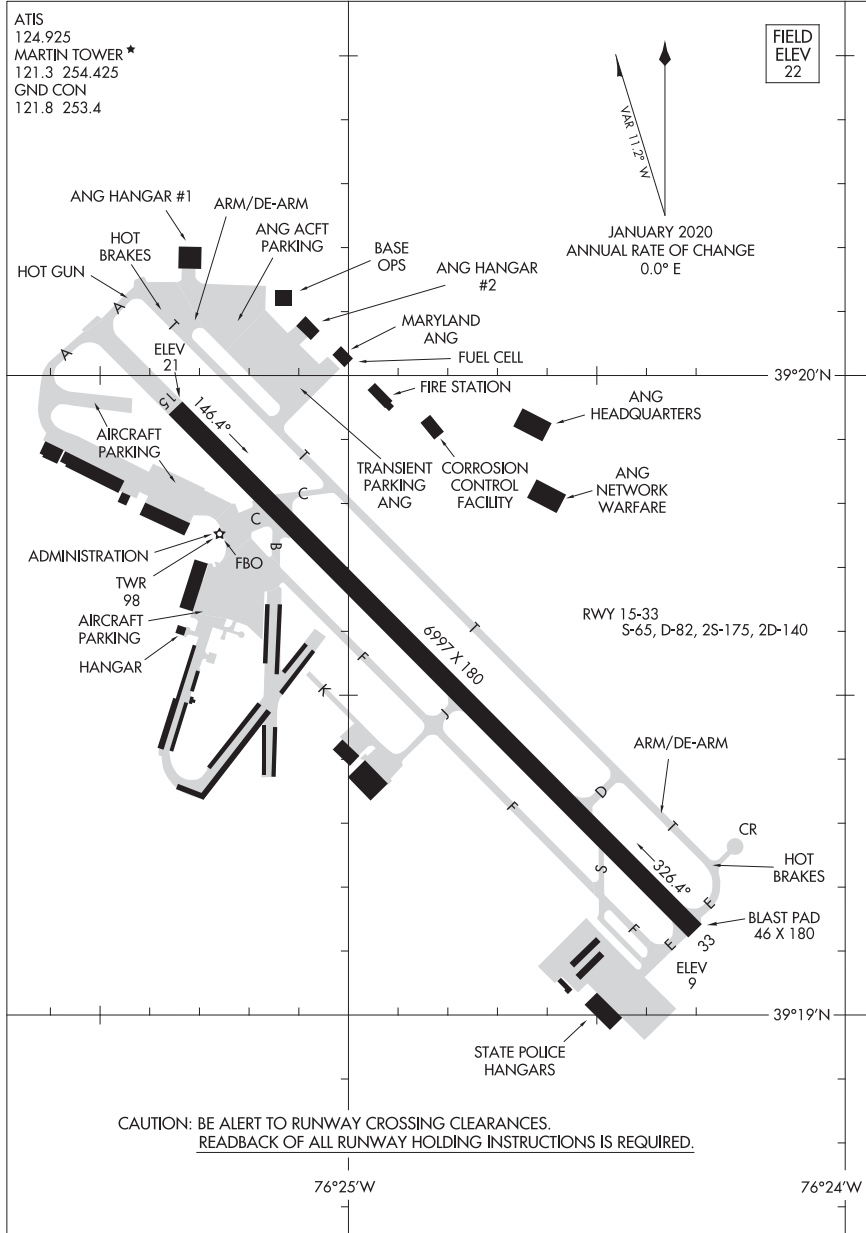
BALTIMORE/WASHINGTON INTL THURGOOD MARSHALL (BWI) BALTIMORE, MARYLAND

23054

AIRPORT DIAGRAM

AL-5222 (FAA)

MARTIN STATE (MTN)
BALTIMORE, MARYLAND



AIRPORT DIAGRAM

23054

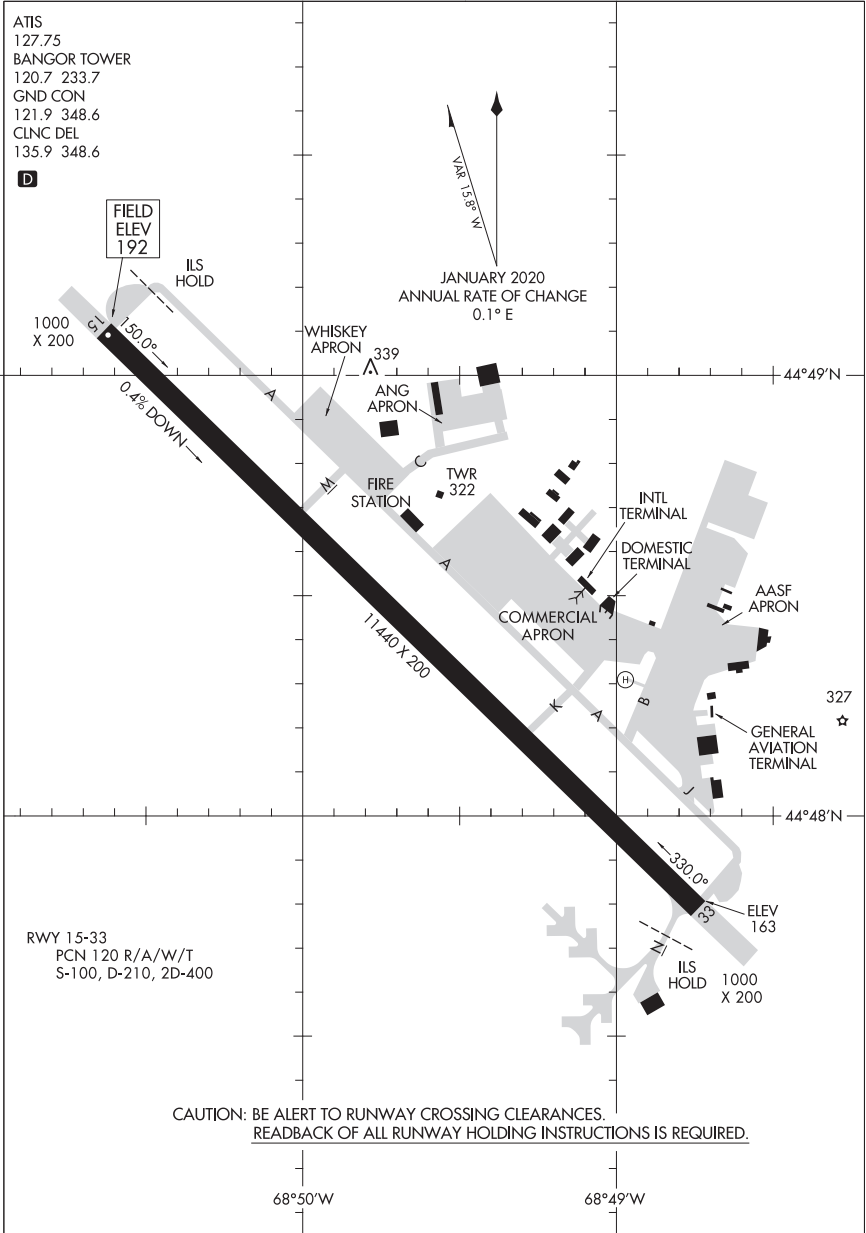
BALTIMORE, MARYLAND
MARTIN STATE (MTN)

23334

AIRPORT DIAGRAM

AL-39 (FAA)

BANGOR INTL (BGR)
BANGOR, MAINE



AIRPORT DIAGRAM

23334

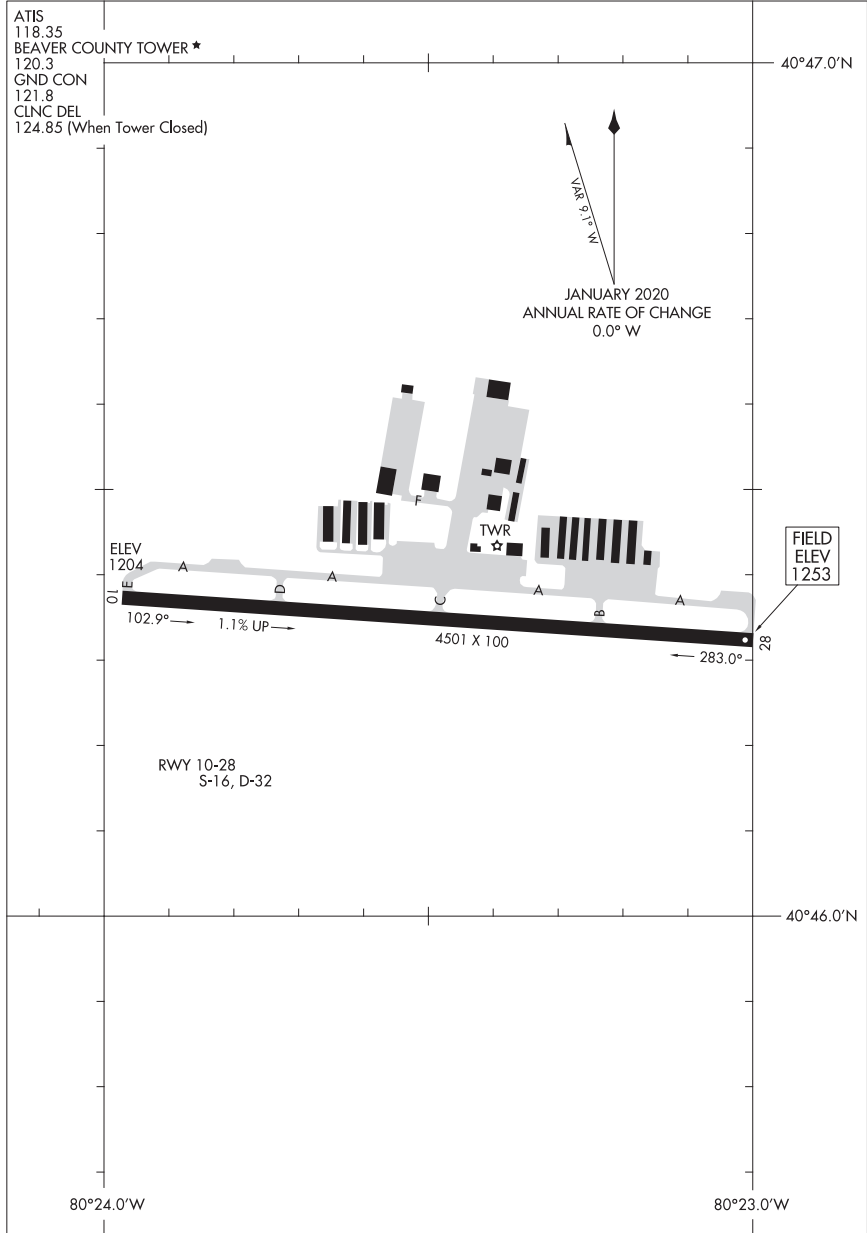
BANGOR, MAINE
BANGOR INTL (BGR)

20086

AIRPORT DIAGRAM

AL-5206 (FAA)

BEAVER COUNTY (BVI)
BEAVER FALLS, PENNSYLVANIA



AIRPORT DIAGRAM

20086

BEAVER FALLS, PENNSYLVANIA
BEAVER COUNTY (BVI)

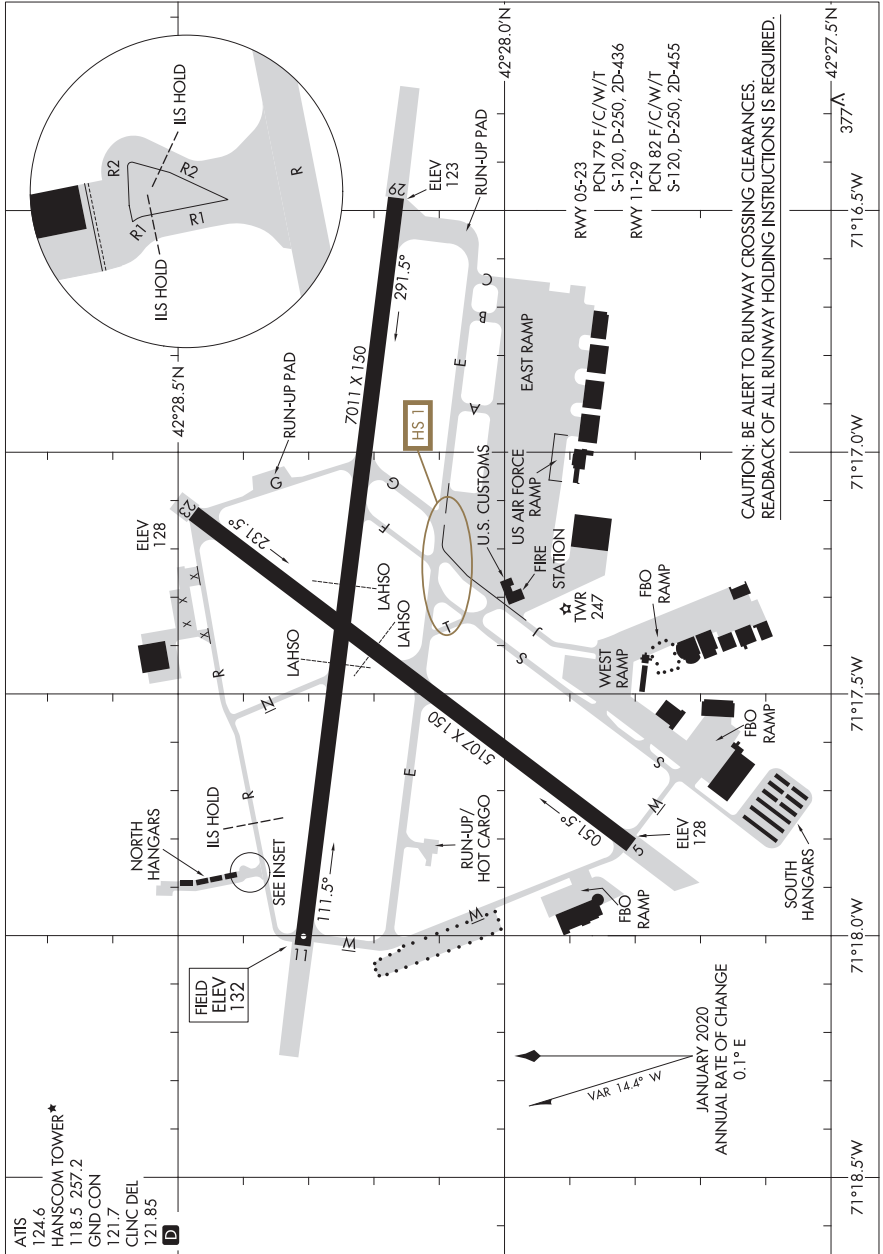
23222

AIRPORT DIAGRAM

AL-626 (FAA)

LAURENCE G HANSCOM FLD (BED)

BEDFORD, MASSACHUSETTS



AIRPORT DIAGRAM

BEDFORD, MASSACHUSETTS

LAURENCE G HANSCOM FLD (BED)

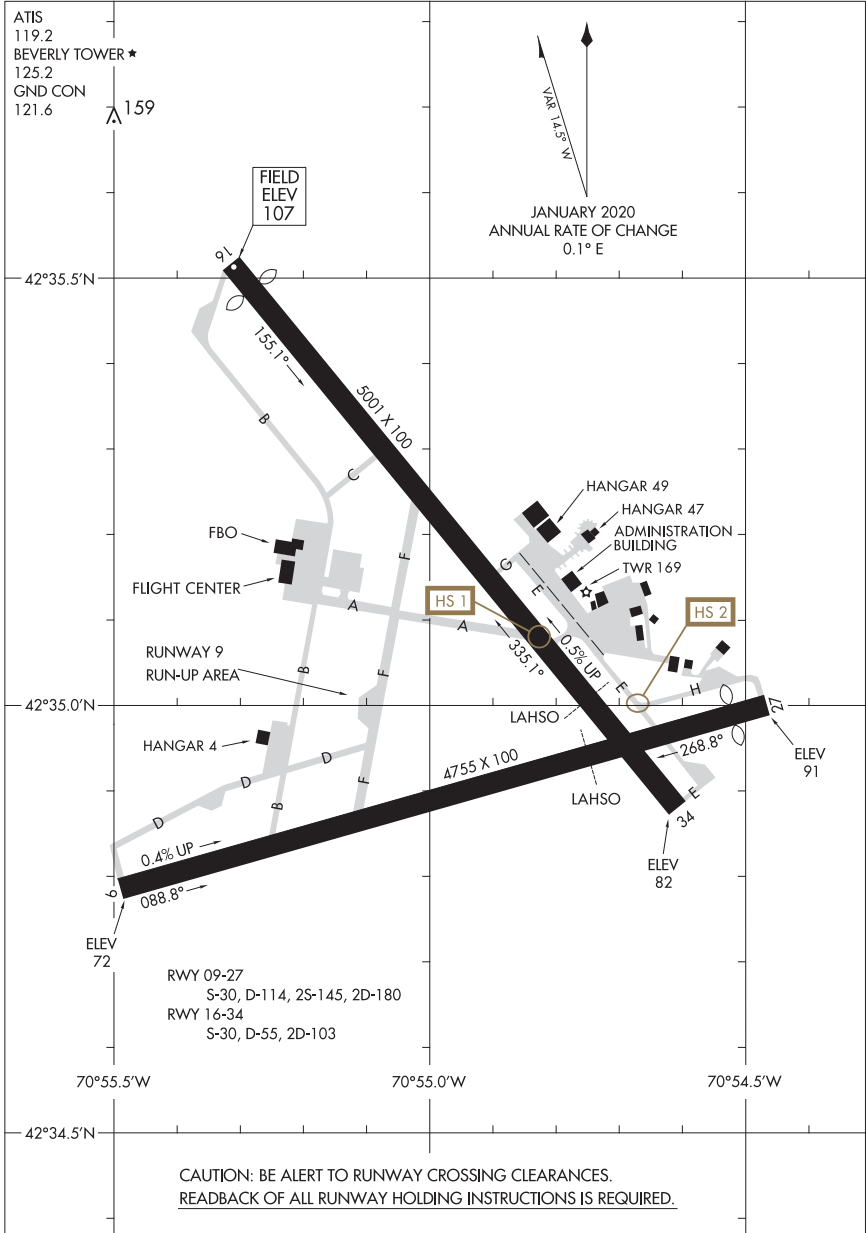
23222

21336

AIRPORT DIAGRAM

AL-5039 (FAA)

BEVERLY RGNL (BVY)
BEVERLY, MASSACHUSETTS



AIRPORT DIAGRAM

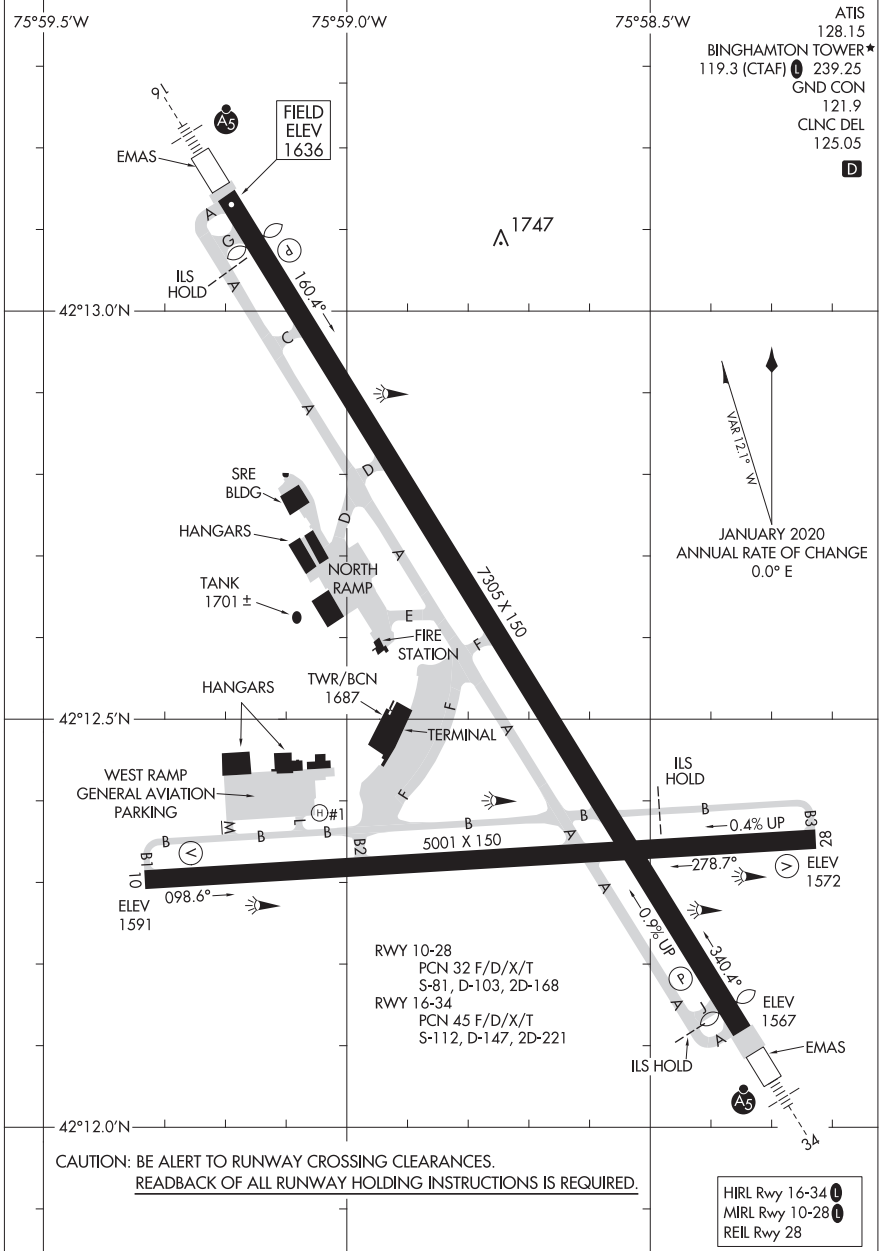
21336

BEVERLY, MASSACHUSETTS
BEVERLY RGNL (BVY)

24025

AIRPORT DIAGRAM

GREATER BINGHAMTON/EDWIN A LINK FLD (BGM)
AL-20 (FAA)
BINGHAMTON, NEW YORK



CAUTION: BE ALERT TO RUNWAY CROSSING CLEARANCES.
READBACK OF ALL RUNWAY HOLDING INSTRUCTIONS IS REQUIRED.

HIRL Rwy 16-34	①
MIRL Rwy 10-28	①
REIL Rwy 28	①

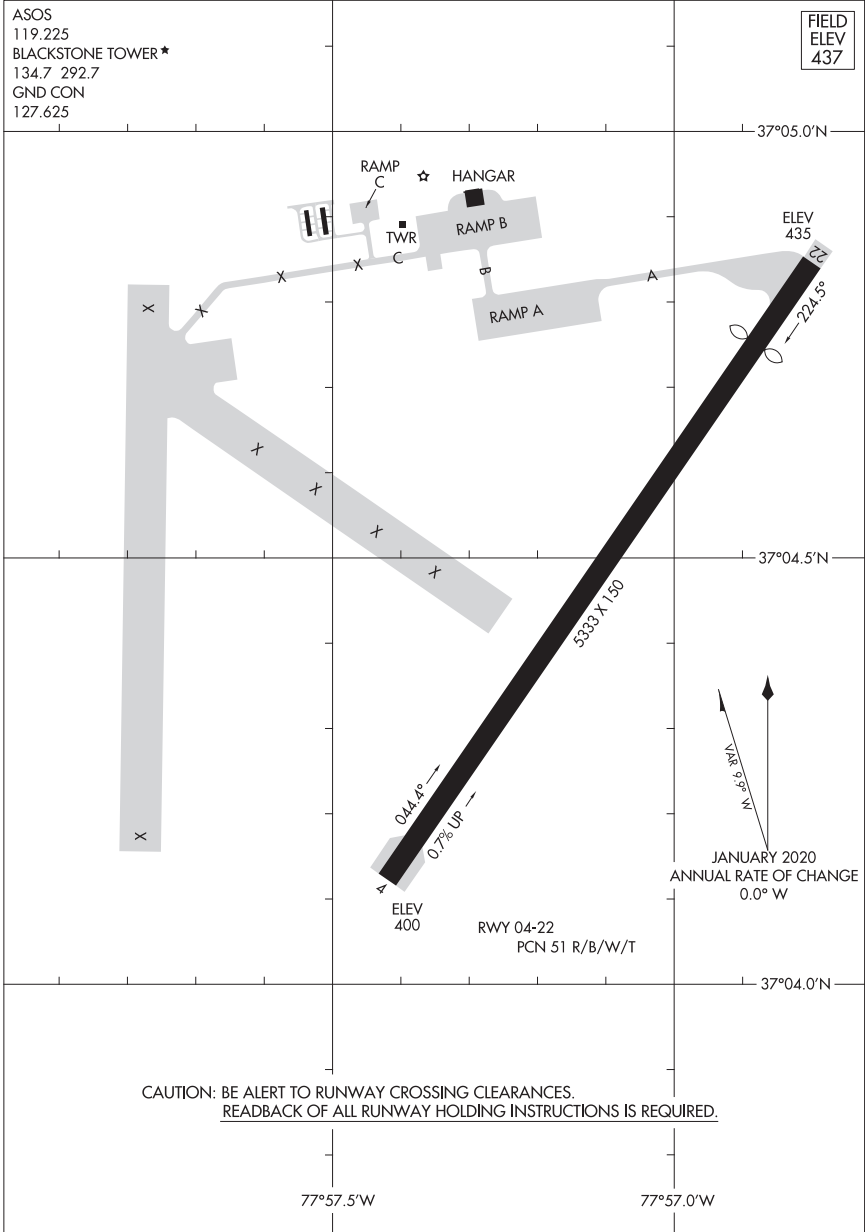
AIRPORT DIAGRAM
24025

BINGHAMTON, NEW YORK
GREATER BINGHAMTON/EDWIN A LINK FLD (BGM)

24025

AIRPORT DIAGRAM

ALLEN C PERKINSON BLACKSTONE AAF (BKT)
BLACKSTONE, VIRGINIA



AIRPORT DIAGRAM

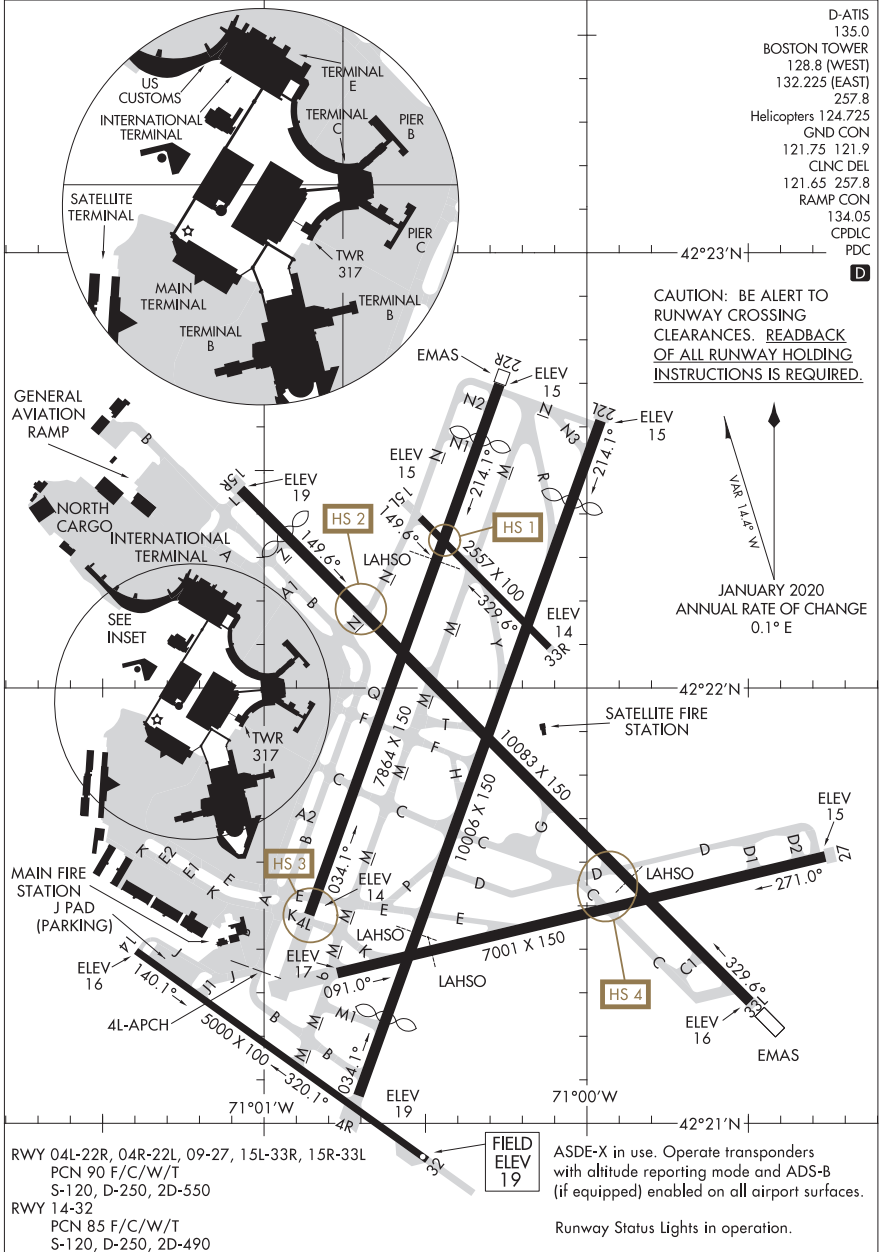
24025

BLACKSTONE, VIRGINIA
ALLEN C PERKINSON BLACKSTONE AAF (BKT)

24025

AIRPORT DIAGRAM

GENERAL EDWARD LAWRENCE LOGAN INTL. (BOS)
AL-58 (FAA)
BOSTON, MASSACHUSETTS



AIRPORT DIAGRAM
24025

BOSTON, MASSACHUSETTS
GENERAL EDWARD LAWRENCE LOGAN INTL. (BOS)

22139

AIRPORT DIAGRAM

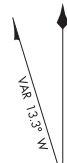
AL-621 (FAA)

BRIDGEPORT/SIKORSKY (BDR.)

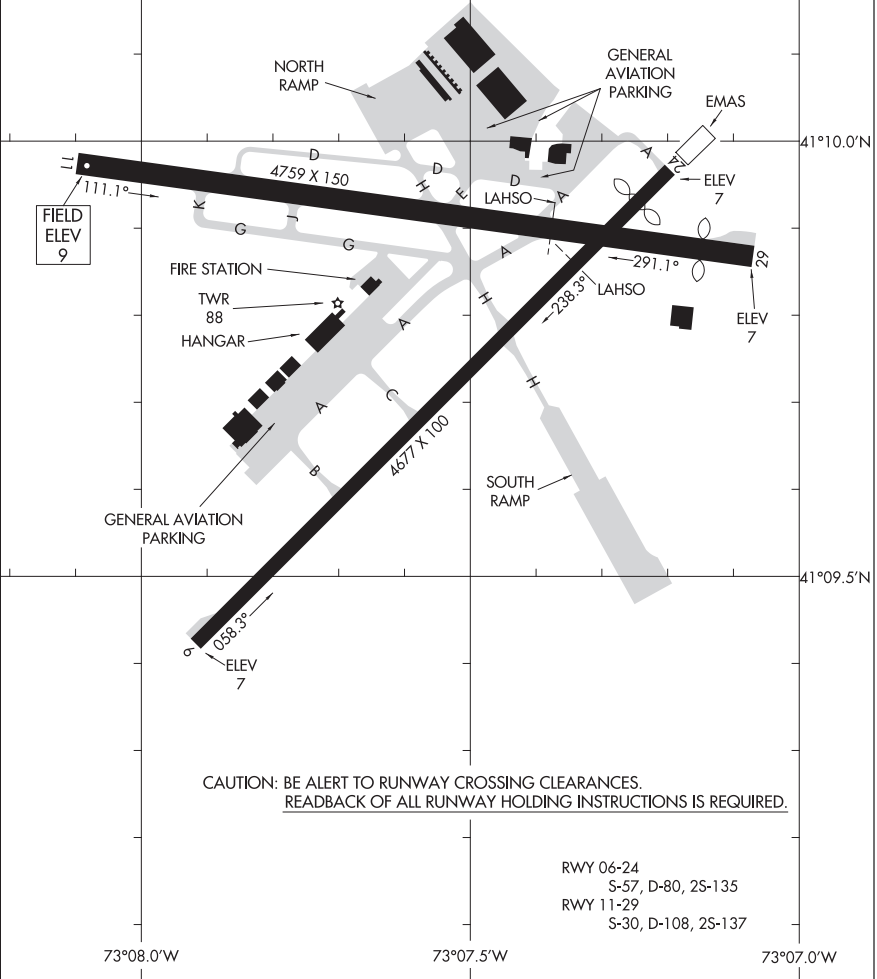
BRIDGEPORT, CONNECTICUT

ATIS
 119.15
 BRIDGEPORT TOWER★
 120.9 257.8
 GND CON
 121.75 257.8
 CLNC DEL
 121.75
 124.075 (When Twr Closed)

D



 JANUARY 2020
 ANNUAL RATE OF CHANGE
 0.1° E



AIRPORT DIAGRAM

BRIDGEPORT, CONNECTICUT

22139

BRIDGEPORT/SIKORSKY (BDR.)

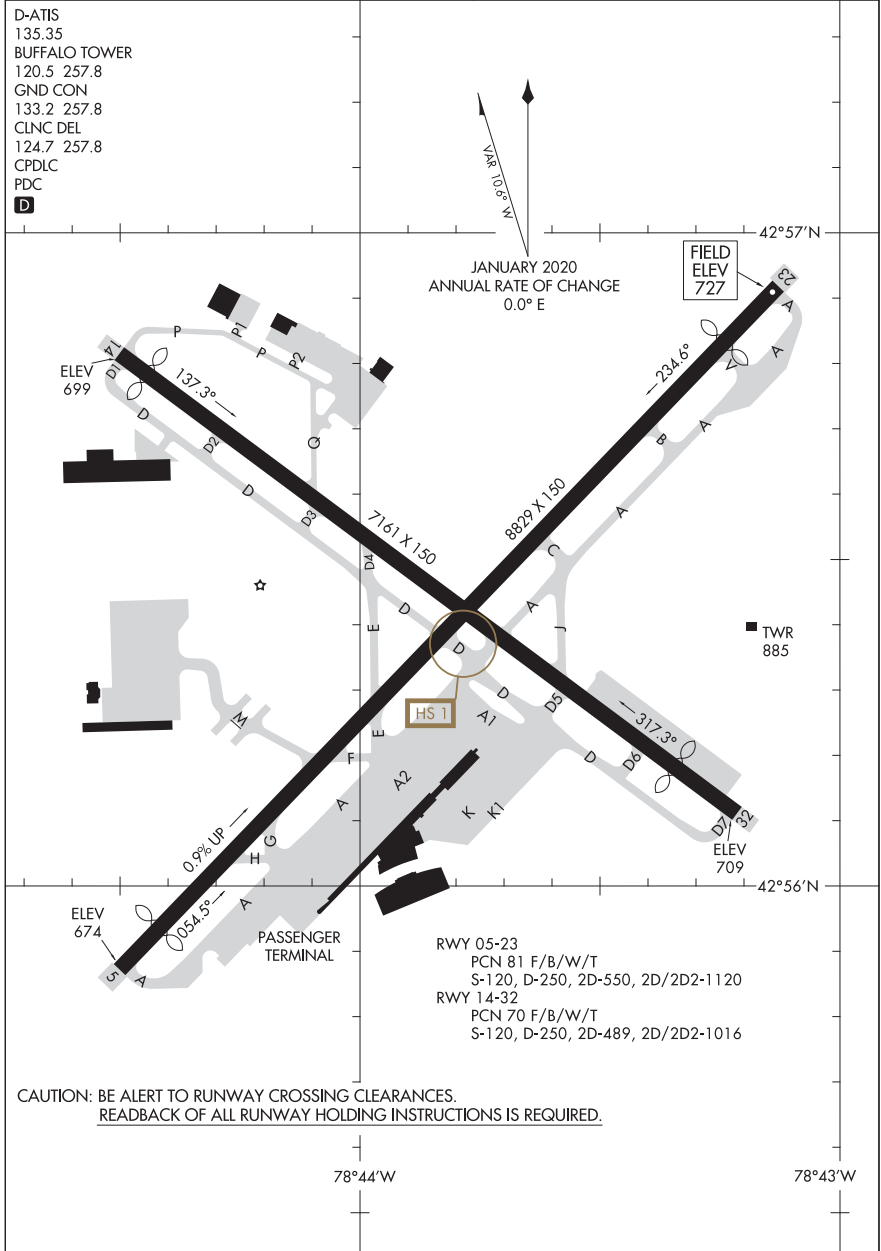
20366

AIRPORT DIAGRAM

BUFFALO NIAGARA INTL (BUF)

AL-65 (FAA)

BUFFALO, NEW YORK



CAUTION: BE ALERT TO RUNWAY CROSSING CLEARANCES.
READBACK OF ALL RUNWAY HOLDING INSTRUCTIONS IS REQUIRED.

AIRPORT DIAGRAM

20366

BUFFALO, NEW YORK

BUFFALO NIAGARA INTL (BUF)

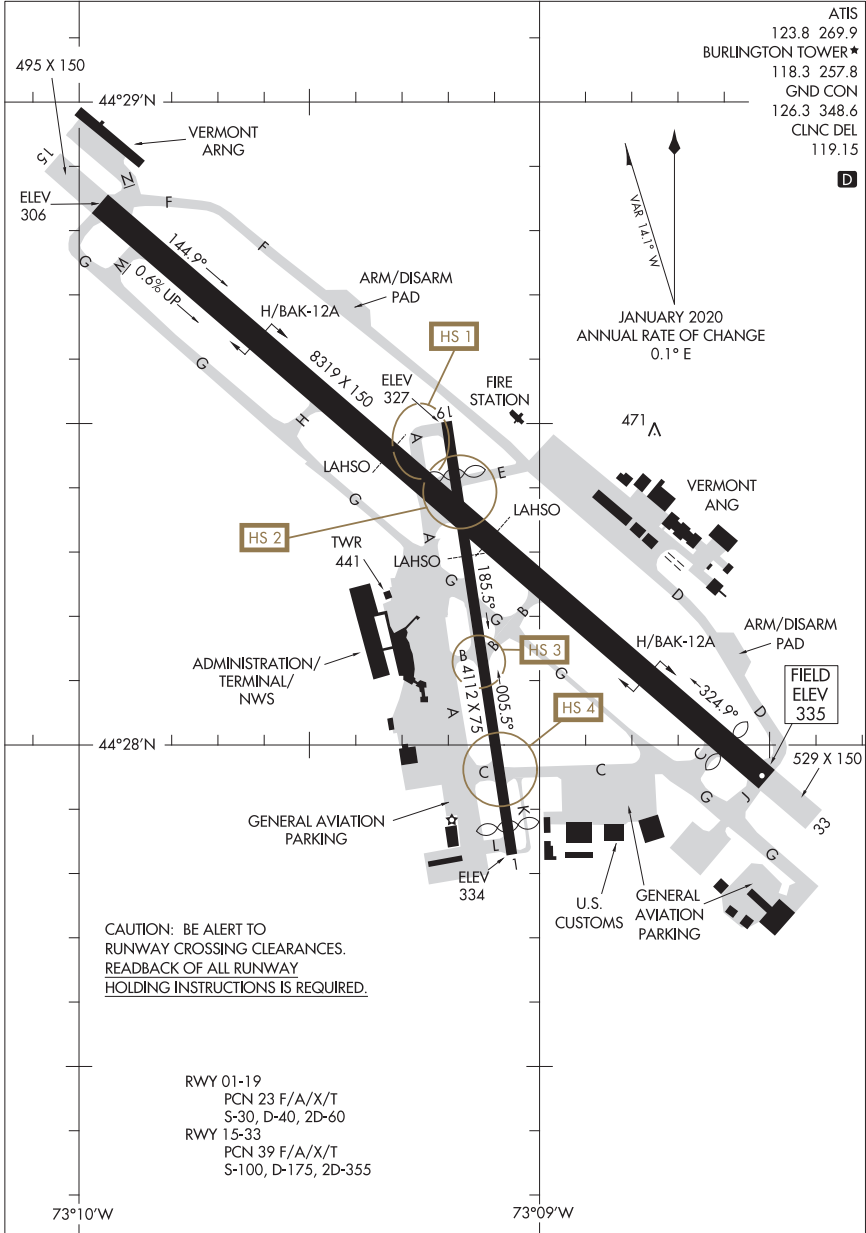
23278

AIRPORT DIAGRAM

AL-70 (FAA)

PATRICK LEAHY BURLINGTON INTL (BT'V)

BURLINGTON, VERMONT



ATIS
 123.8 269.9
 BURLINGTON TOWER*
 118.3 257.8
 GND CON
 126.3 348.6
 CLNC DEL
 119.15

CAUTION: BE ALERT TO
 RUNWAY CROSSING CLEARANCES.
 READBCK OF ALL RUNWAY
 HOLDING INSTRUCTIONS IS REQUIRED.

RWY 01-19
 PCN 23 F/A/X/T
 S-30, D-40, 2D-60
 RWY 15-33
 PCN 39 F/A/X/T
 S-100, D-175, 2D-355

AIRPORT DIAGRAM

23278

BURLINGTON, VERMONT

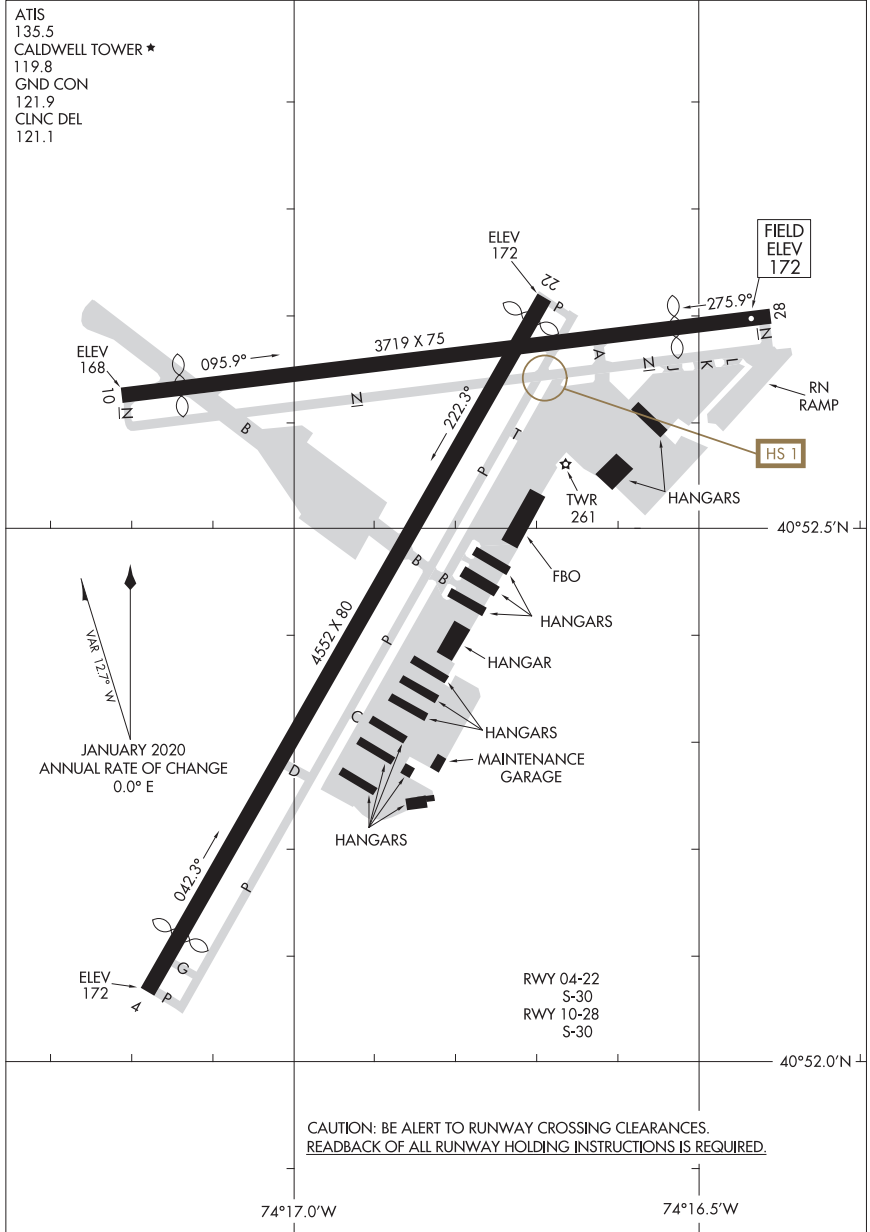
PATRICK LEAHY BURLINGTON INTL (BT'V)

23054

AIRPORT DIAGRAM

AL-5275 (FAA)

ESSEX COUNTY (CDW)
CALDWELL, NEW JERSEY



AIRPORT DIAGRAM

23054

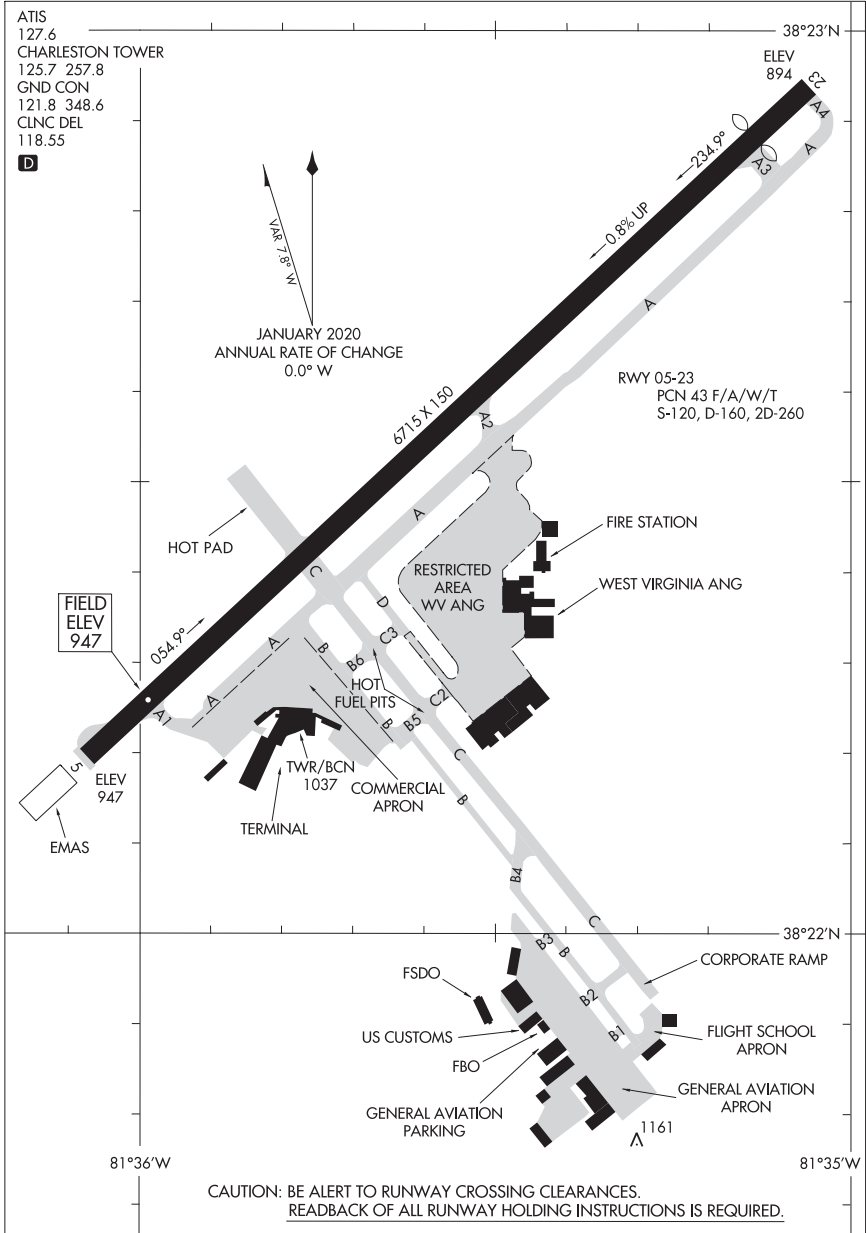
CALDWELL, NEW JERSEY
ESSEX COUNTY (CDW)

23110

AIRPORT DIAGRAM

AL-852 (FAA)

WEST VIRGINIA INTL YEAGER (CRW)
CHARLESTON, WEST VIRGINIA



AIRPORT DIAGRAM

23110

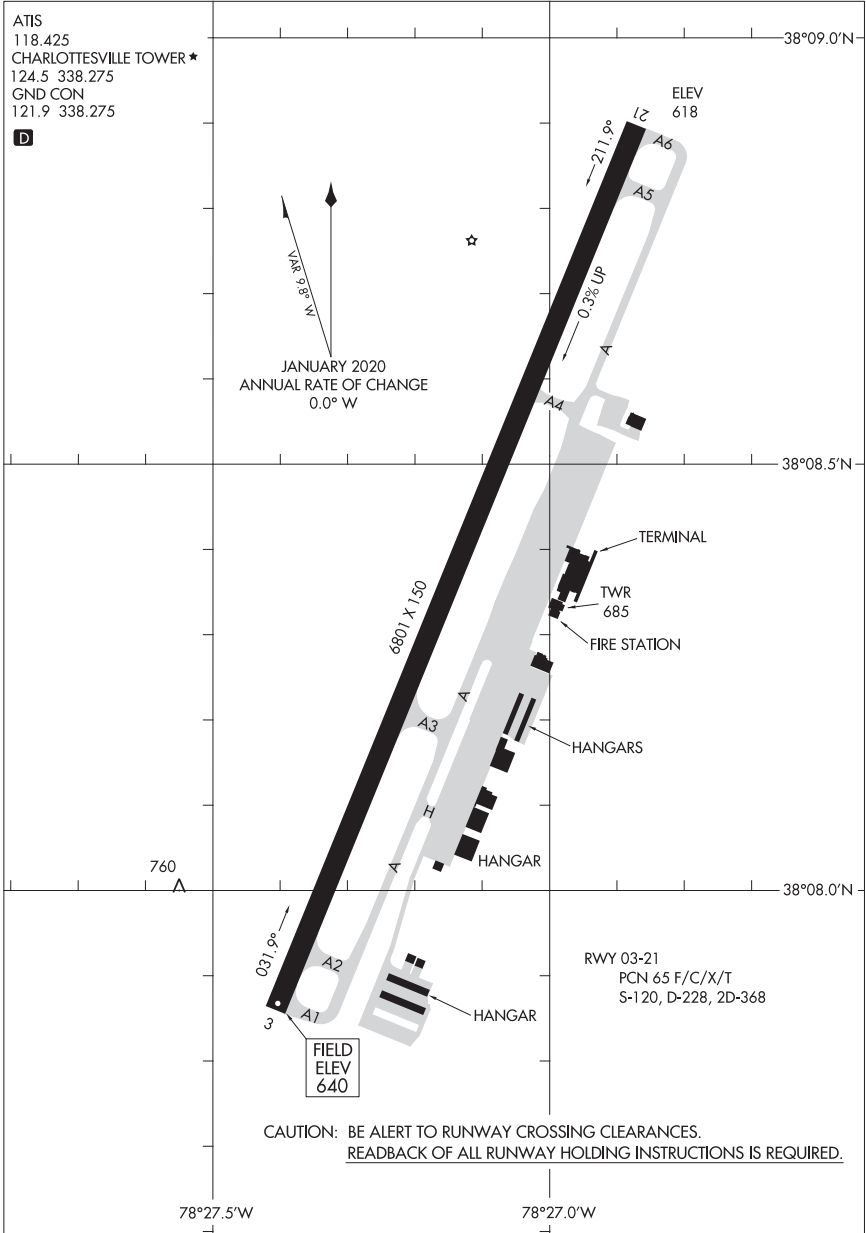
CHARLESTON, WEST VIRGINIA
WEST VIRGINIA INTL YEAGER (CRW)

23222

AIRPORT DIAGRAM

AL-765 (FAA)

CHARLOTTESVILLE-ALBEMARLE (CHO)
CHARLOTTESVILLE, VIRGINIA



AIRPORT DIAGRAM

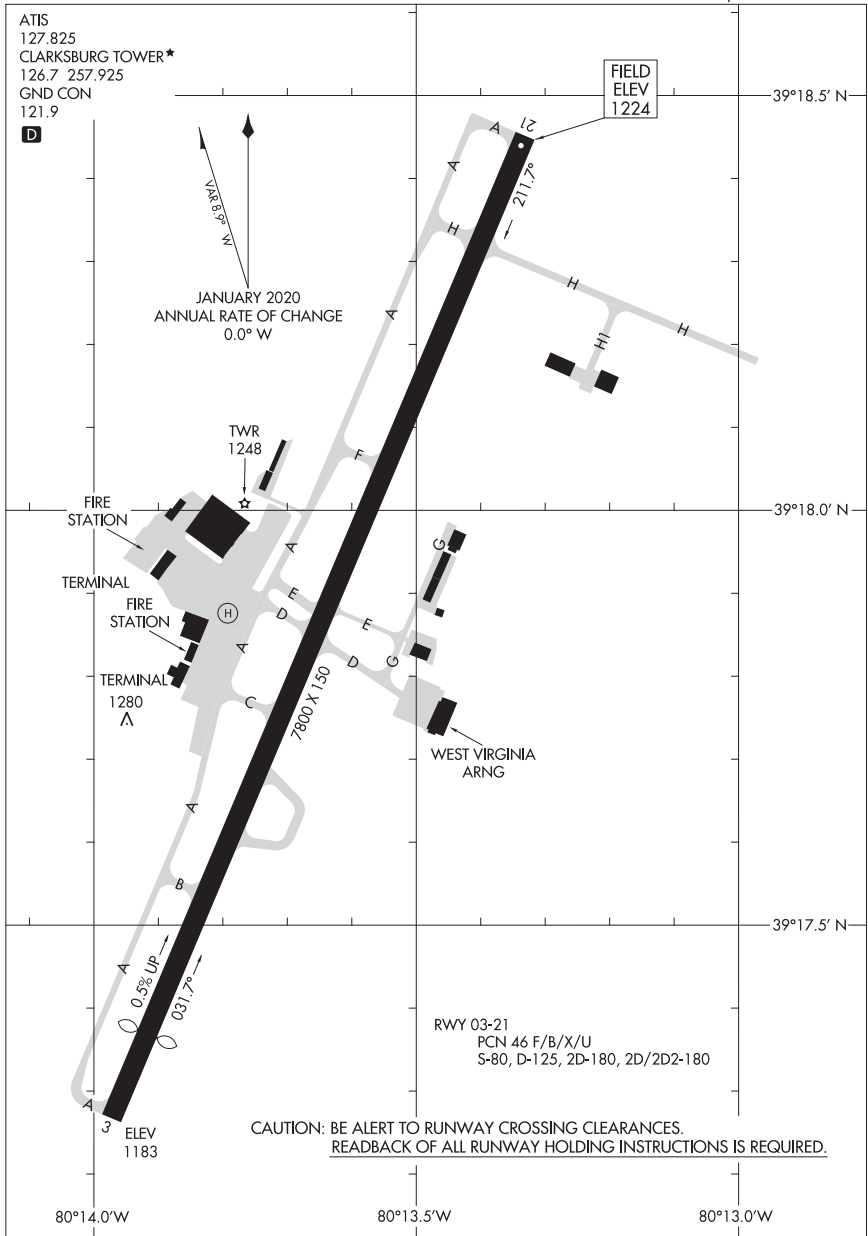
23222

CHARLOTTESVILLE, VIRGINIA
CHARLOTTESVILLE-ALBEMARLE (CHO)

21280

AIRPORT DIAGRAM

AL-616 (FAA) NORTH CENTRAL WEST VIRGINIA (CKB)
CLARKSBURG, WEST VIRGINIA



AIRPORT DIAGRAM

21280

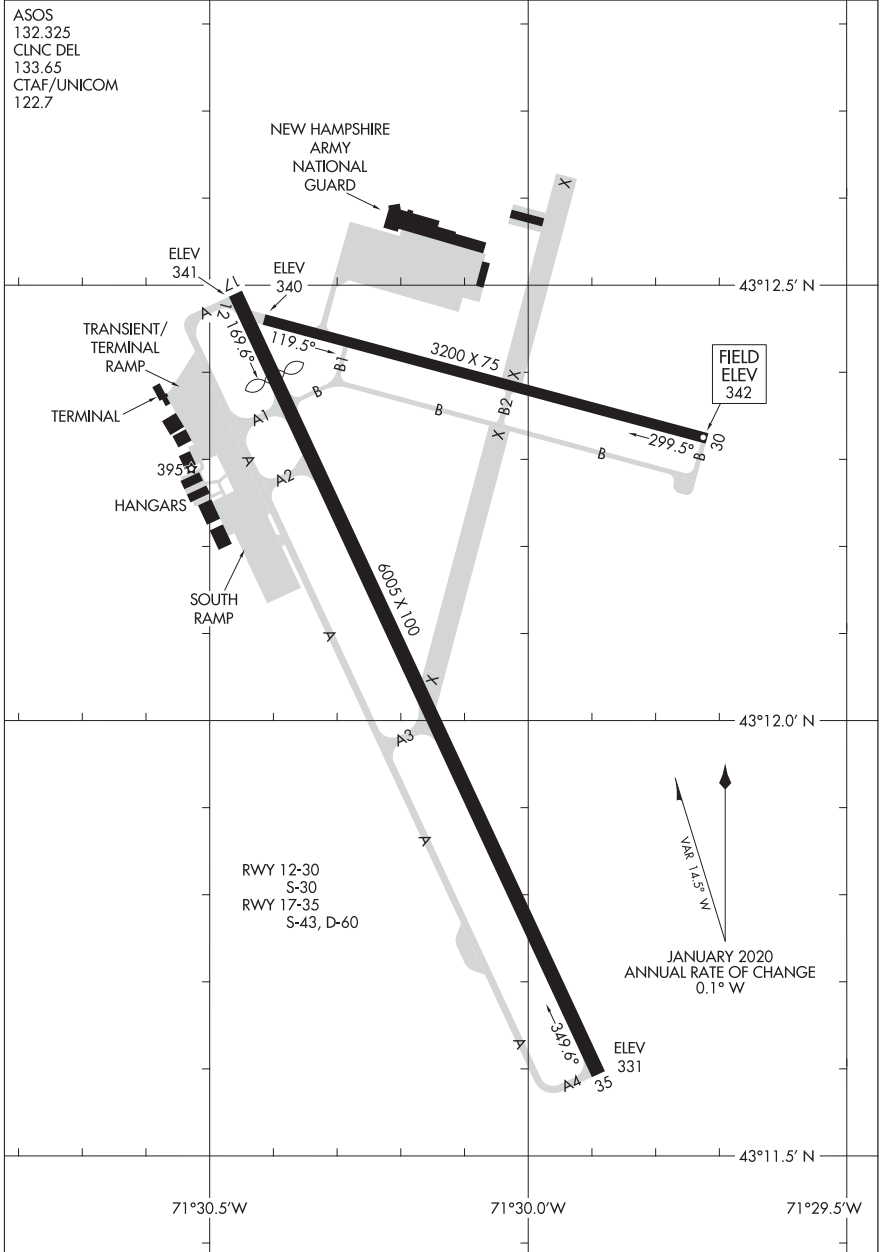
CLARKSBURG, WEST VIRGINIA
NORTH CENTRAL WEST VIRGINIA (CKB)

20086

AIRPORT DIAGRAM

AL-95 (FAA)

CONCORD MUNI (CON)
CONCORD, NEW HAMPSHIRE



AIRPORT DIAGRAM
20086

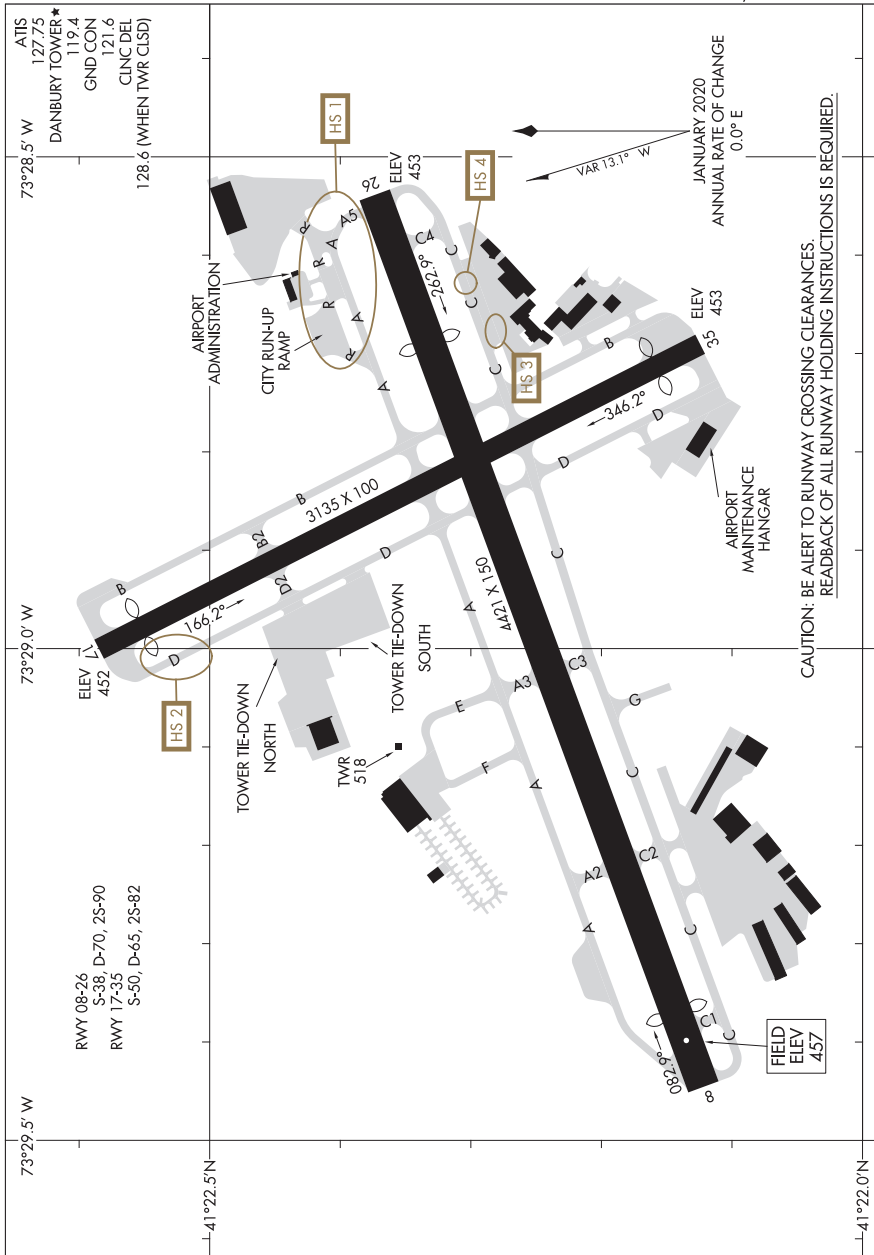
CONCORD, NEW HAMPSHIRE
CONCORD MUNI (CON)

22139

AIRPORT DIAGRAM

AL-5272 (FAA)

DANBURY MUNI (DXR)
DANBURY, CONNECTICUT



AIRPORT DIAGRAM

DANBURY, CONNECTICUT
DANBURY MUNI (DXR)

22139

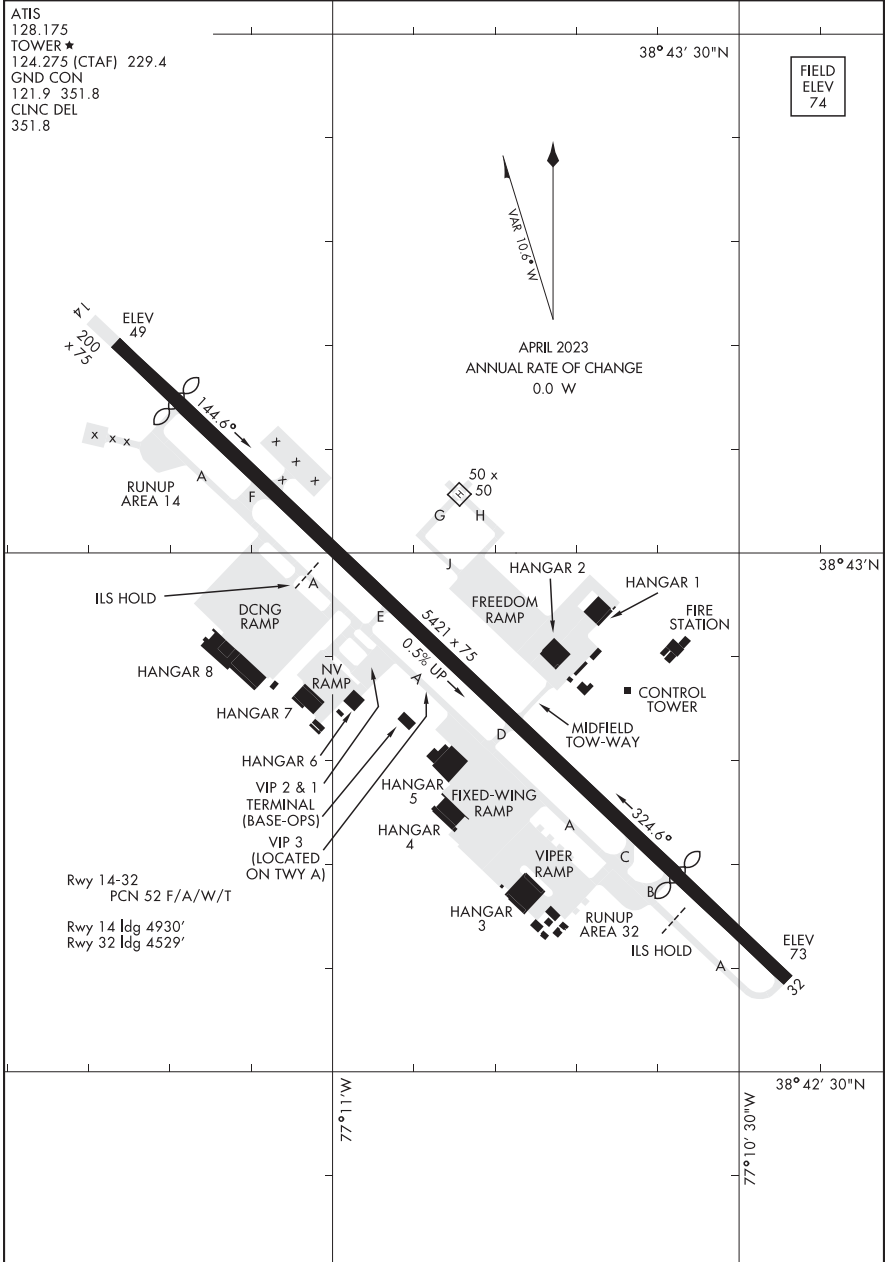
23110

DAVISON AAF (KDA)

AIRPORT DIAGRAM

AL-5504 [USA]

FORT BELVOIR, VIRGINIA



AIRPORT DIAGRAM

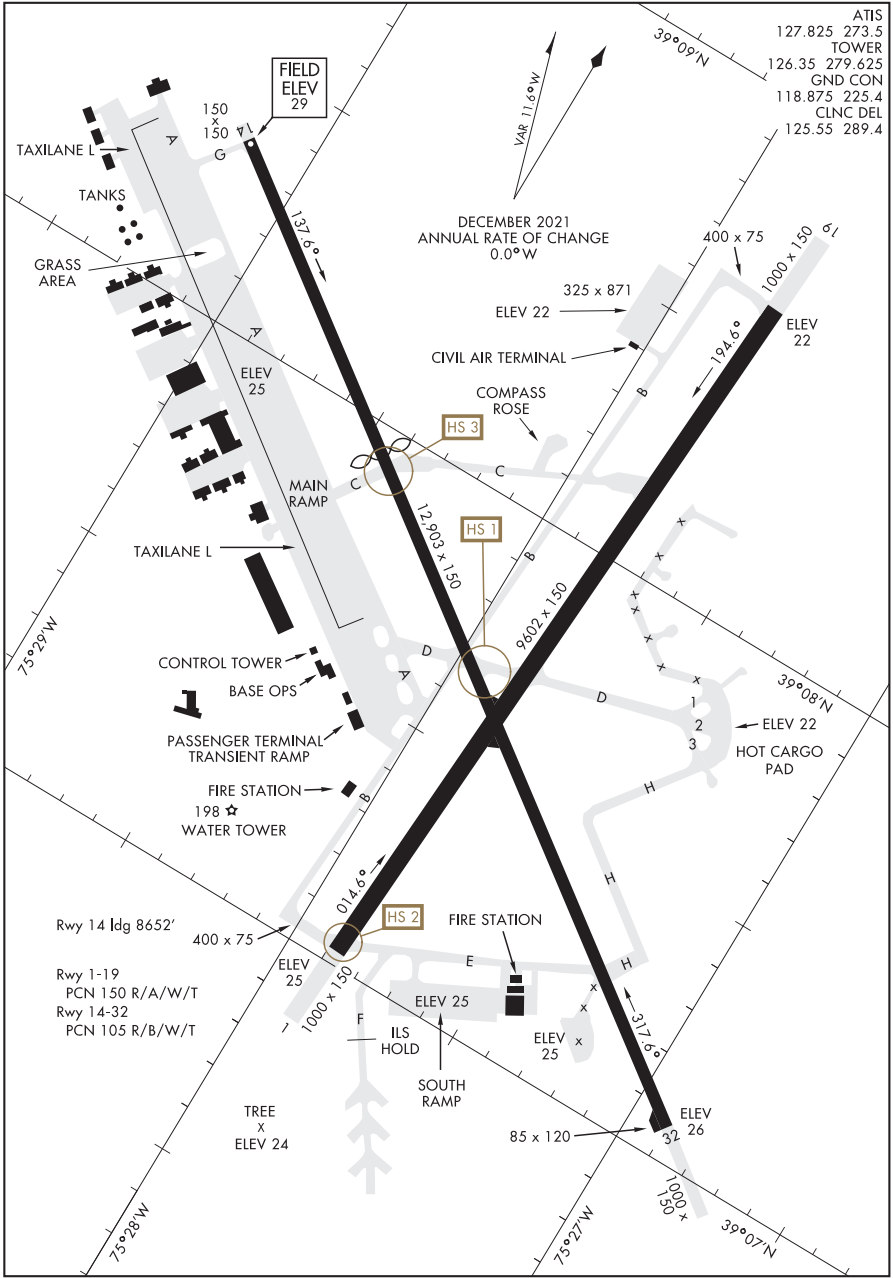
FORT BELVOIR, VIRGINIA
DAVISON AAF (KDA)

21336

AIRPORT DIAGRAM

DOVER AFB (KDOV)

DOVER, DELAWARE



AIRPORT DIAGRAM

DOVER, DELAWARE

DOVER AFB (KDOV)

23110

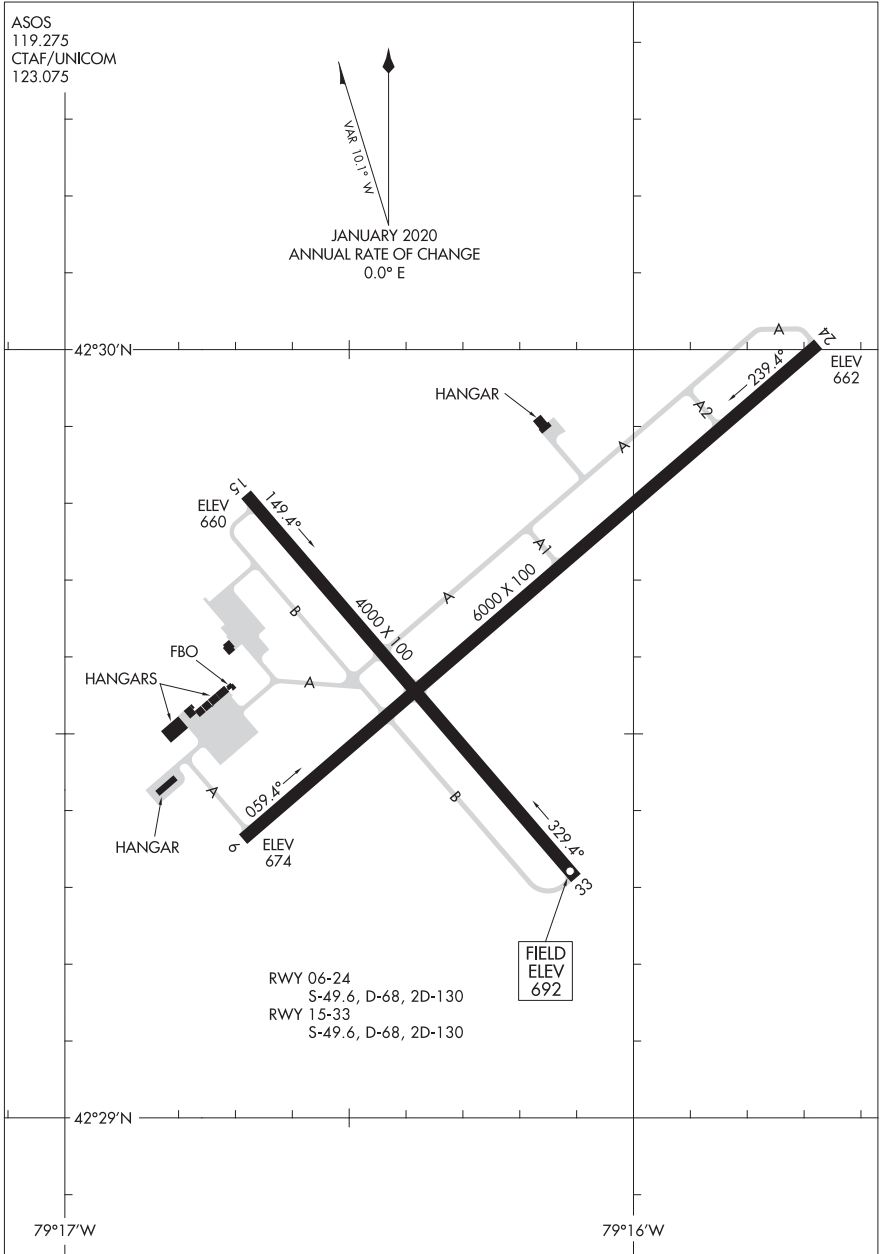
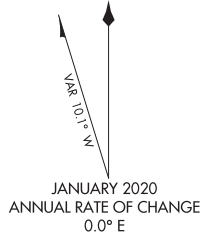
AIRPORT DIAGRAM

CHAUTAUQUA COUNTY/DUNKIRK (DKK)

AL-880 (FAA)

DUNKIRK, NY

ASOS
119.275
CTAF/UNICOM
123.075



AIRPORT DIAGRAM

23110

CHAUTAUQUA COUNTY/DUNKIRK (DKK)

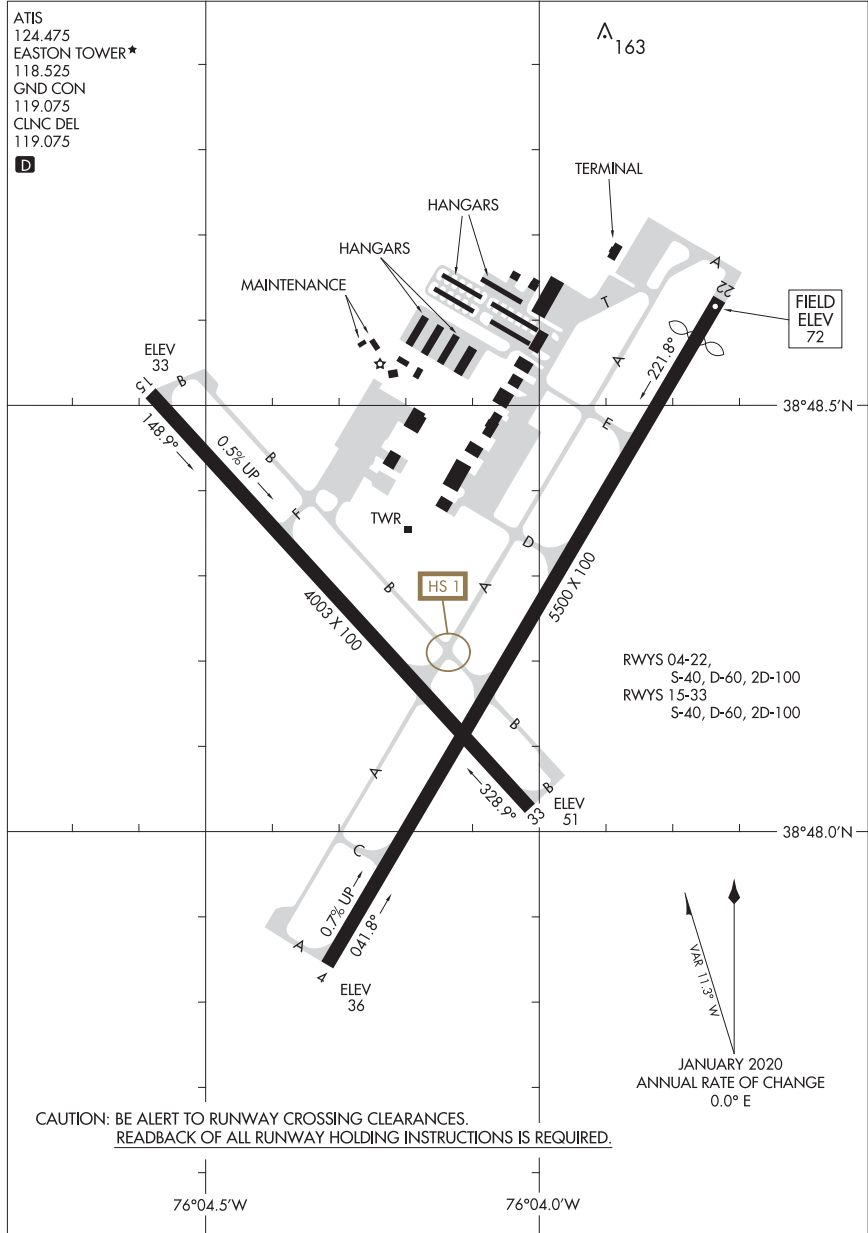
DUNKIRK, NY

21112

AIRPORT DIAGRAM

AL-5596 (FAA)

EASTON/NEWNAM FLD (ESN)
EASTON, MARYLAND



AIRPORT DIAGRAM

21112

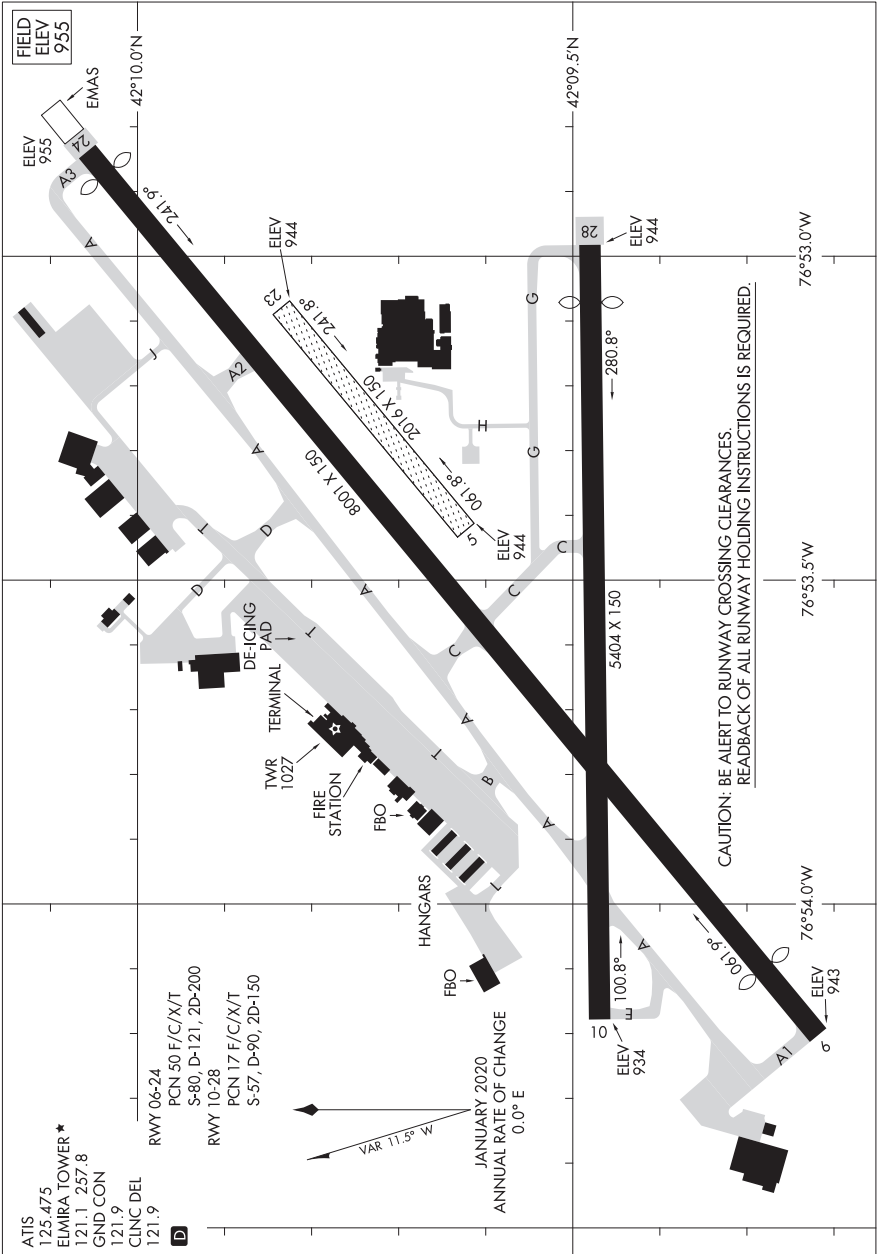
EASTON, MARYLAND
EASTON/NEWNAM FLD (ESN)

23334

AIRPORT DIAGRAM

AL-131 (FAA)

ELMIRA/CORNING RGNL (ELM)
ELMIRA/CORNING, NEW YORK



AIRPORT DIAGRAM

23334

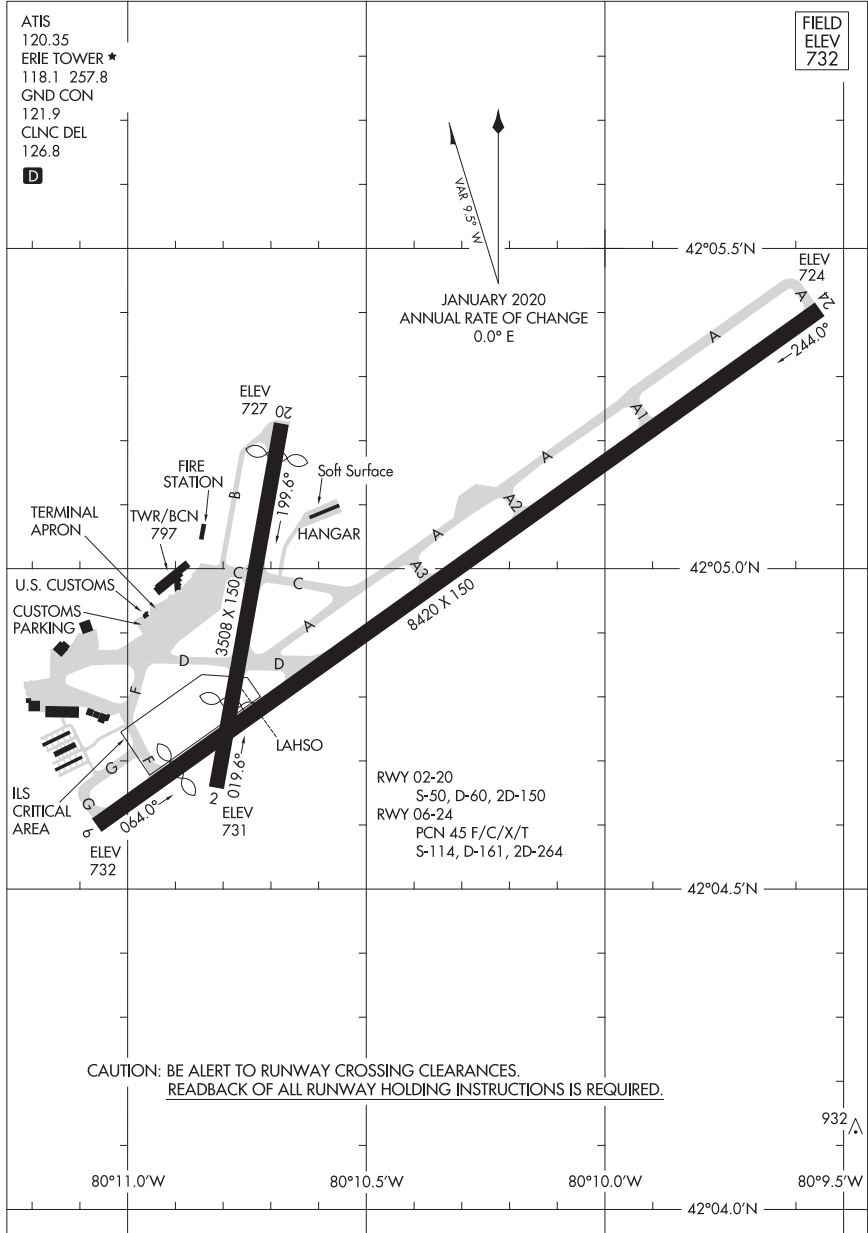
ELMIRA/CORNING, NEW YORK
ELMIRA/CORNING RGNL (ELM)

22083

AIRPORT DIAGRAM

AL-139 (FAA)

ERIE INTL/TOM RIDGE FLD (E.R.I)
ERIE, PENNSYLVANIA



AIRPORT DIAGRAM

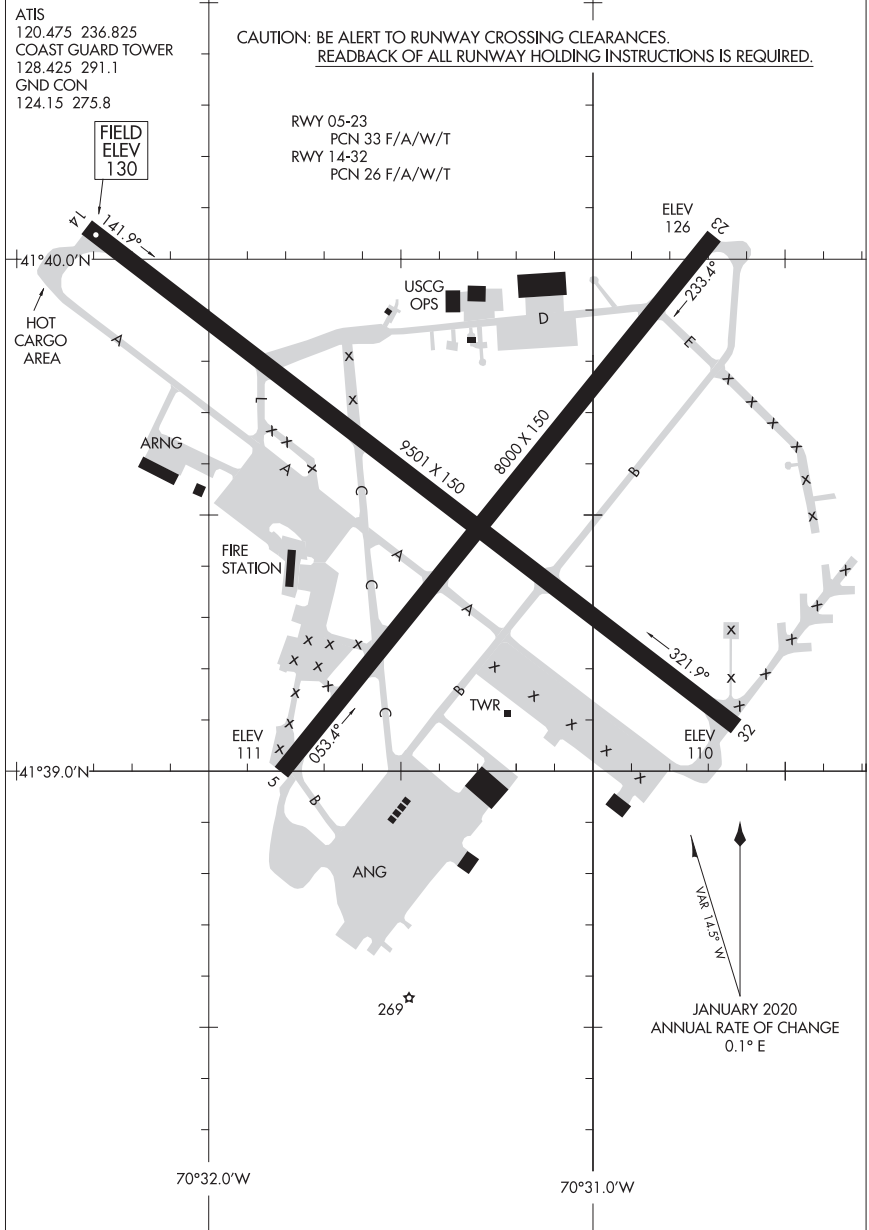
22083

ERIE, PENNSYLVANIA
ERIE INTL/TOM RIDGE FLD (E.R.I)

22139

AIRPORT DIAGRAM

CAPE COD COAST GUARD AIR STATION (F'MH)
AL-10362 (FAA) FALMOUTH, MASSACHUSETTS



AIRPORT DIAGRAM

22139

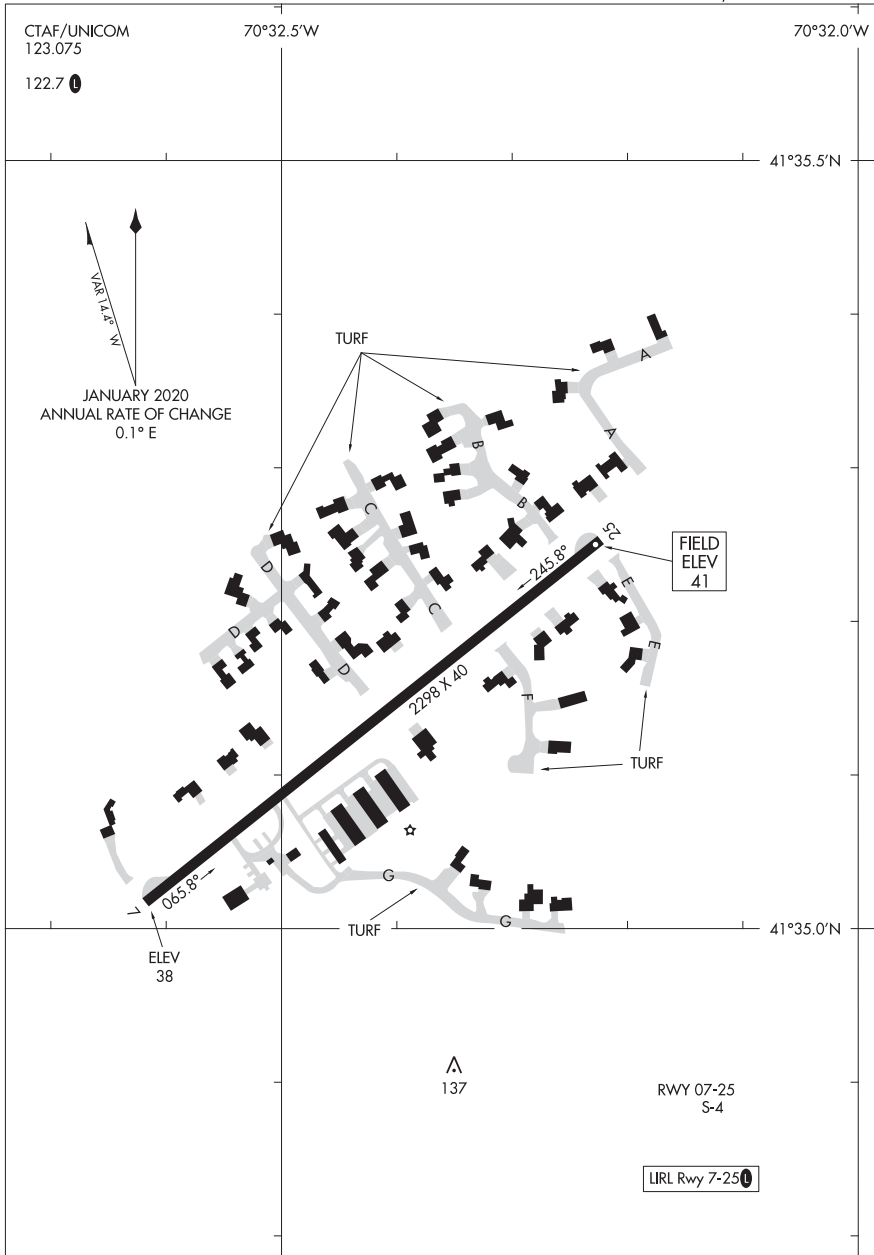
FALMOUTH, MASSACHUSETTS
CAPE COD COAST GUARD AIR STATION (F'MH)

23334

AIRPORT DIAGRAM

AL-10083 (FAA)

FALMOUTH AIRPARK (5B6)
FALMOUTH, MASSACHUSETTS



AIRPORT DIAGRAM
23334

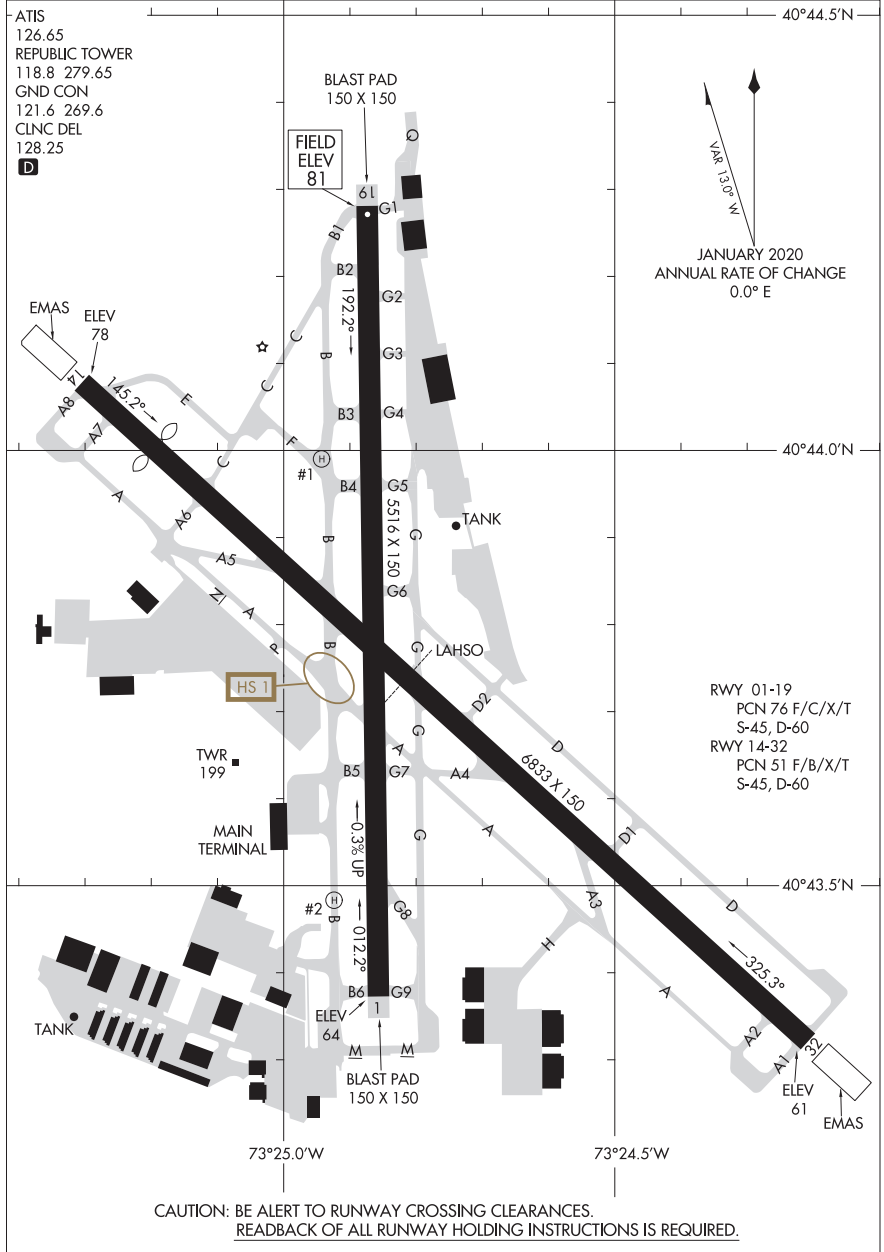
FALMOUTH, MASSACHUSETTS
FALMOUTH AIRPARK (5B6)

23222

AIRPORT DIAGRAM

AL-704 (FAA)

REPUBLIC (F^RG)
FARMINGDALE, NEW YORK



AIRPORT DIAGRAM

23222

FARMINGDALE, NEW YORK
REPUBLIC (F^RG)

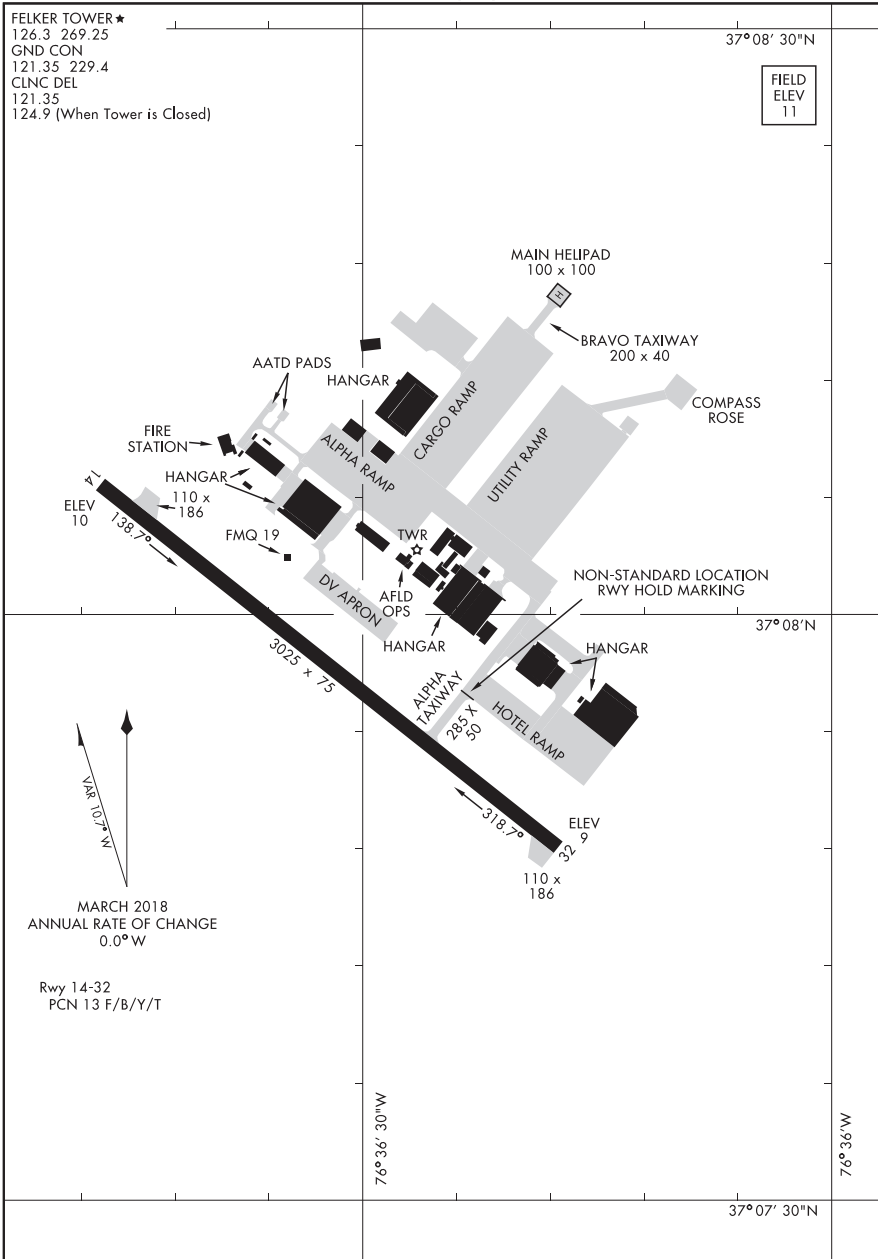
18088

FELKER AAF (KFAF)

AIRPORT DIAGRAM

AFD-5211 [USA]

FORT EUSTIS, VIRGINIA



AIRPORT DIAGRAM

FORT EUSTIS, VIRGINIA

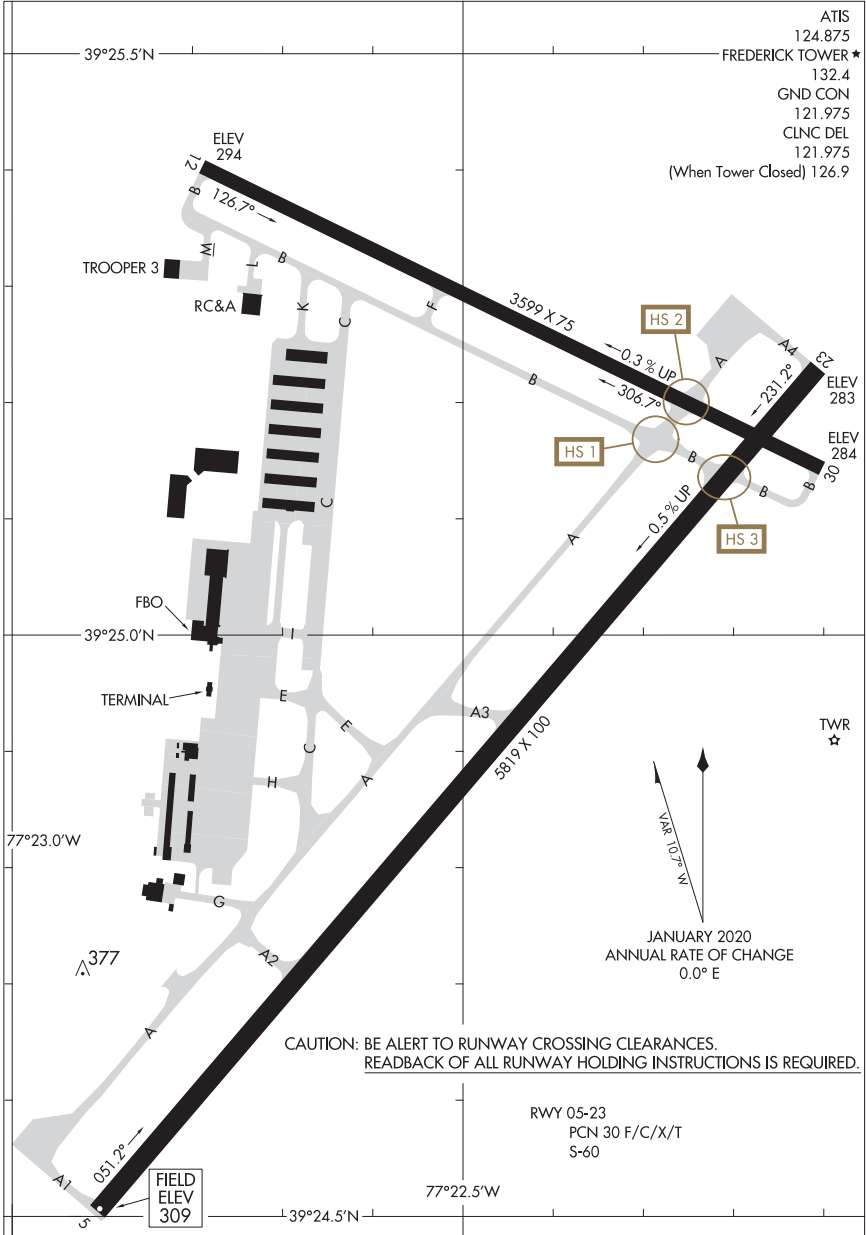
FELKER AAF (KFAF)

23278

AIRPORT DIAGRAM

AL-5089 (FAA)

FREDERICK MUNI (F'DK)
FREDERICK, MARYLAND



CAUTION: BE ALERT TO RUNWAY CROSSING CLEARANCES.
READBACK OF ALL RUNWAY HOLDING INSTRUCTIONS IS REQUIRED.

RWY 05-23
PCN 30 F/C/X/T
S-60

AIRPORT DIAGRAM

23278

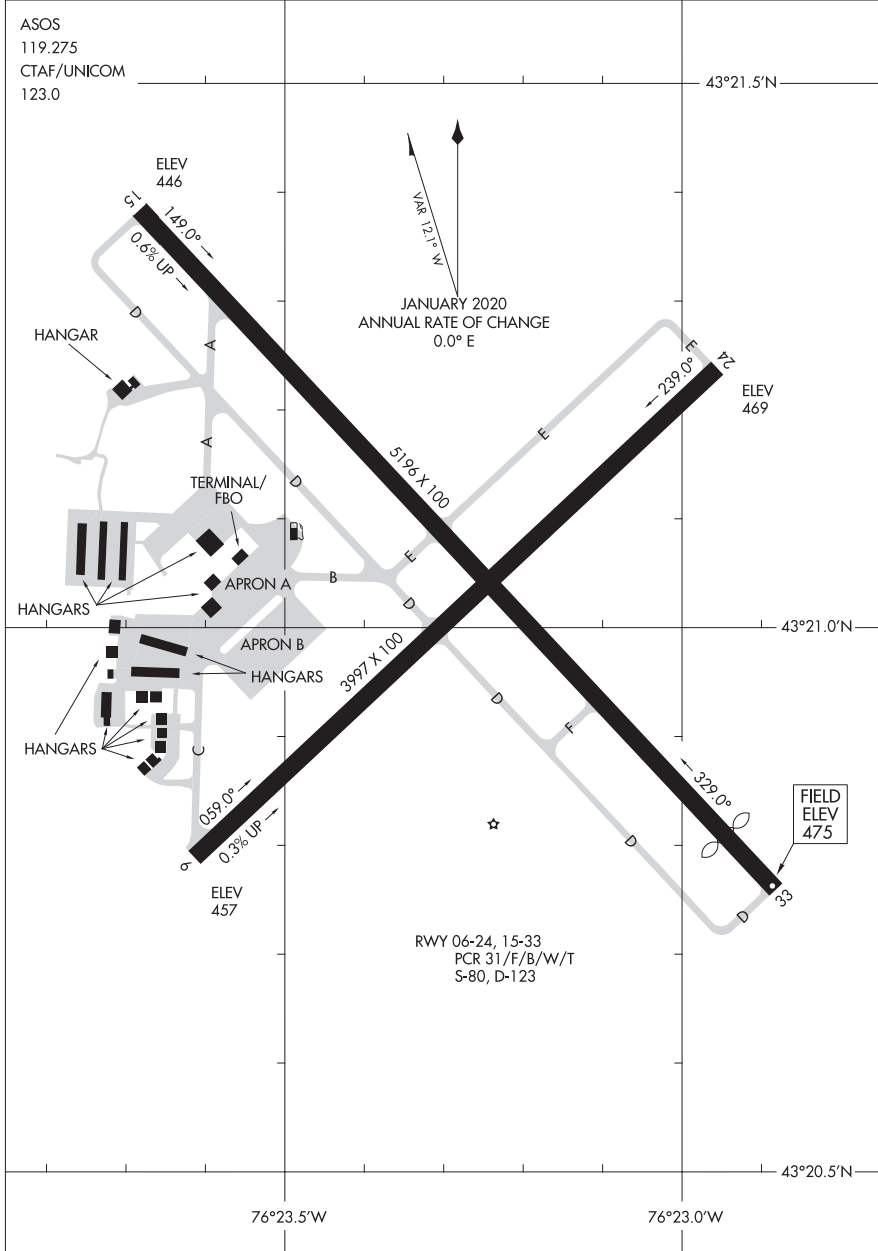
FREDERICK, MARYLAND
FREDERICK MUNI (F'DK)

24025

AIRPORT DIAGRAM

AL-5518 (FAA)

OSWEGO COUNTY (F'ZY)
FULTON, NEW YORK



AIRPORT DIAGRAM

24025

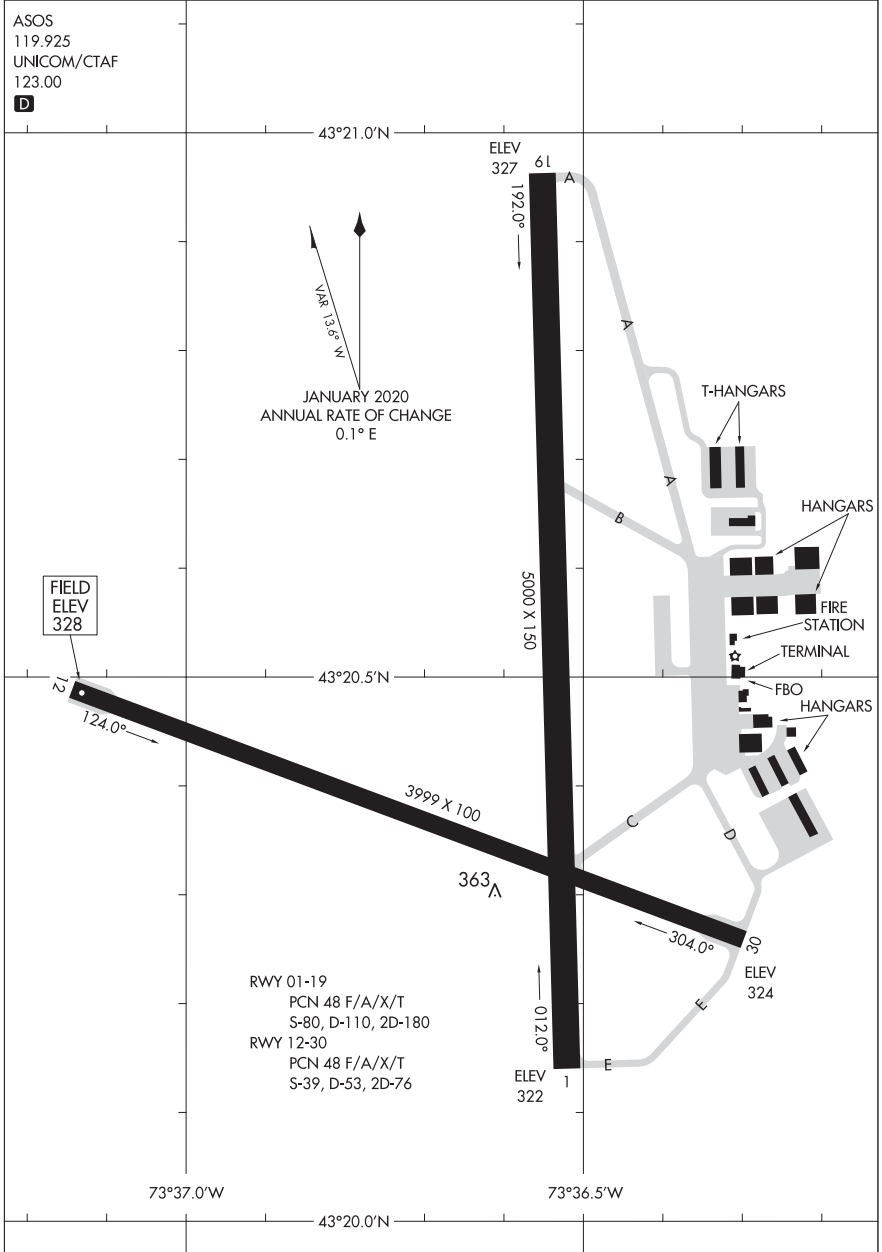
FULTON, NEW YORK
OSWEGO COUNTY (F'ZY)

22251

AIRPORT DIAGRAM

AL-673 (FAA)

FLOYD BENNETT MEML (G'F'L)
GLENS FALLS, NEW YORK



AIRPORT DIAGRAM
22251

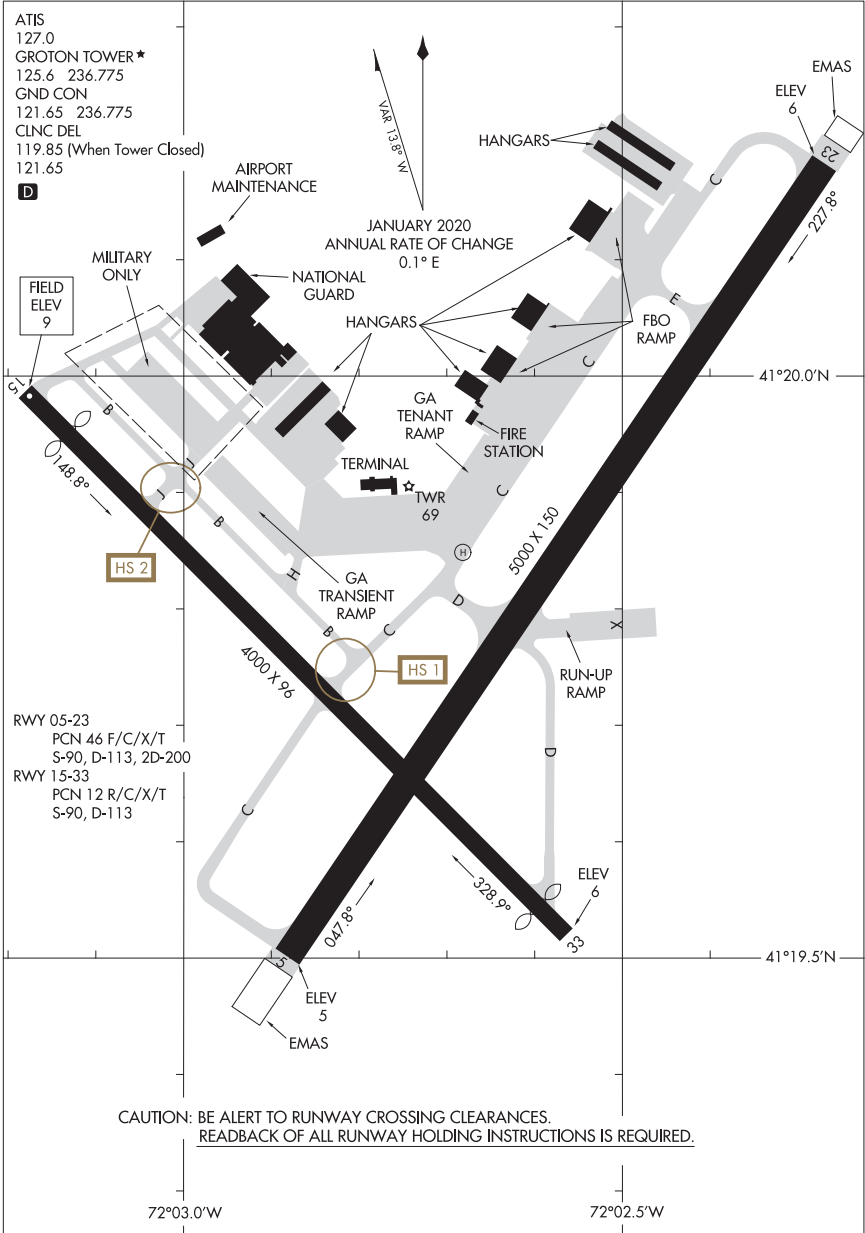
GLENS FALLS, NEW YORK
FLOYD BENNETT MEML (G'F'L)

22251

AIRPORT DIAGRAM

AL-5049 (FAA)

GROTON-NEW LONDON (GON)
GROTON (NEW LONDON), CONNECTICUT



AIRPORT DIAGRAM

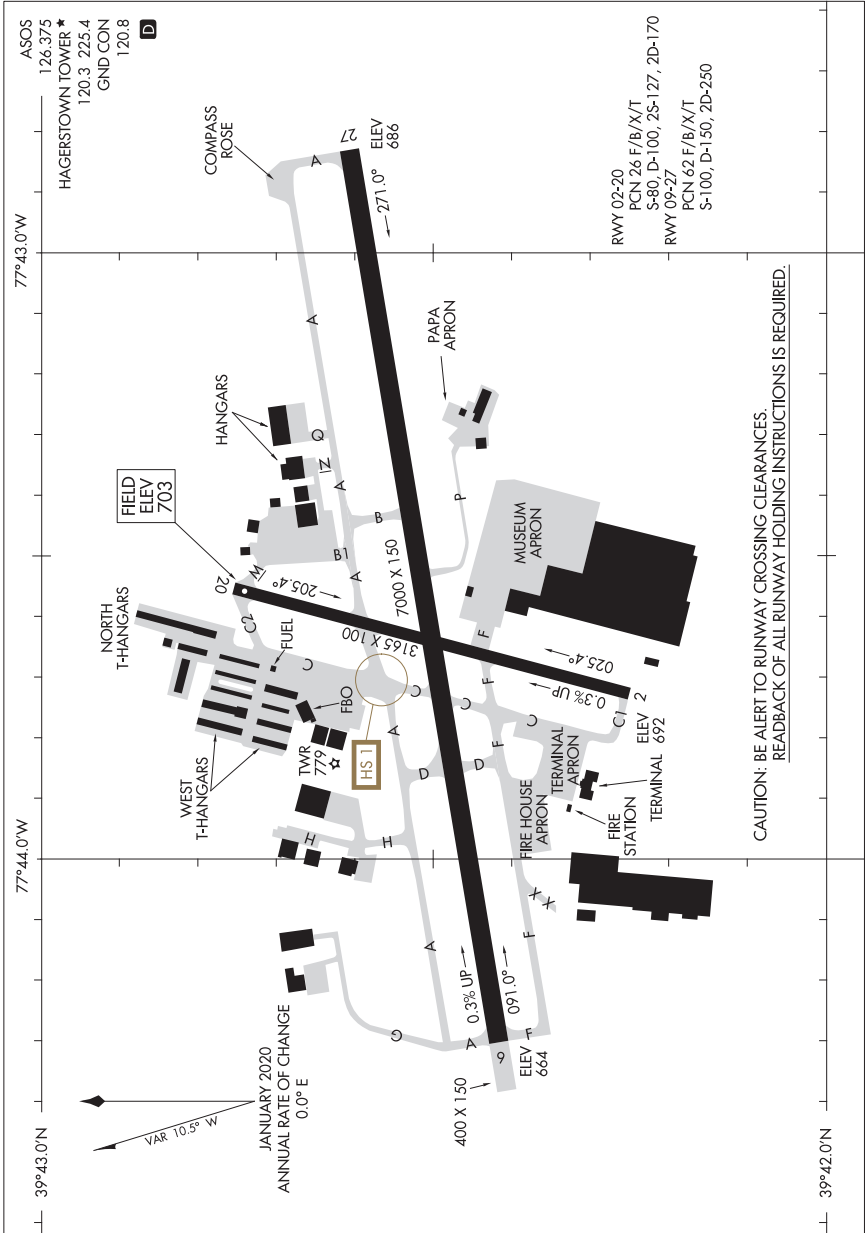
22251

GROTON (NEW LONDON), CONNECTICUT
GROTON-NEW LONDON (GON)

23166

AIRPORT DIAGRAM

HAGERSTOWN RGNL/RICHARD A HENSON FLD (HGR)
AL-5114 (FAA) HAGERSTOWN, MARYLAND



AIRPORT DIAGRAM

23166

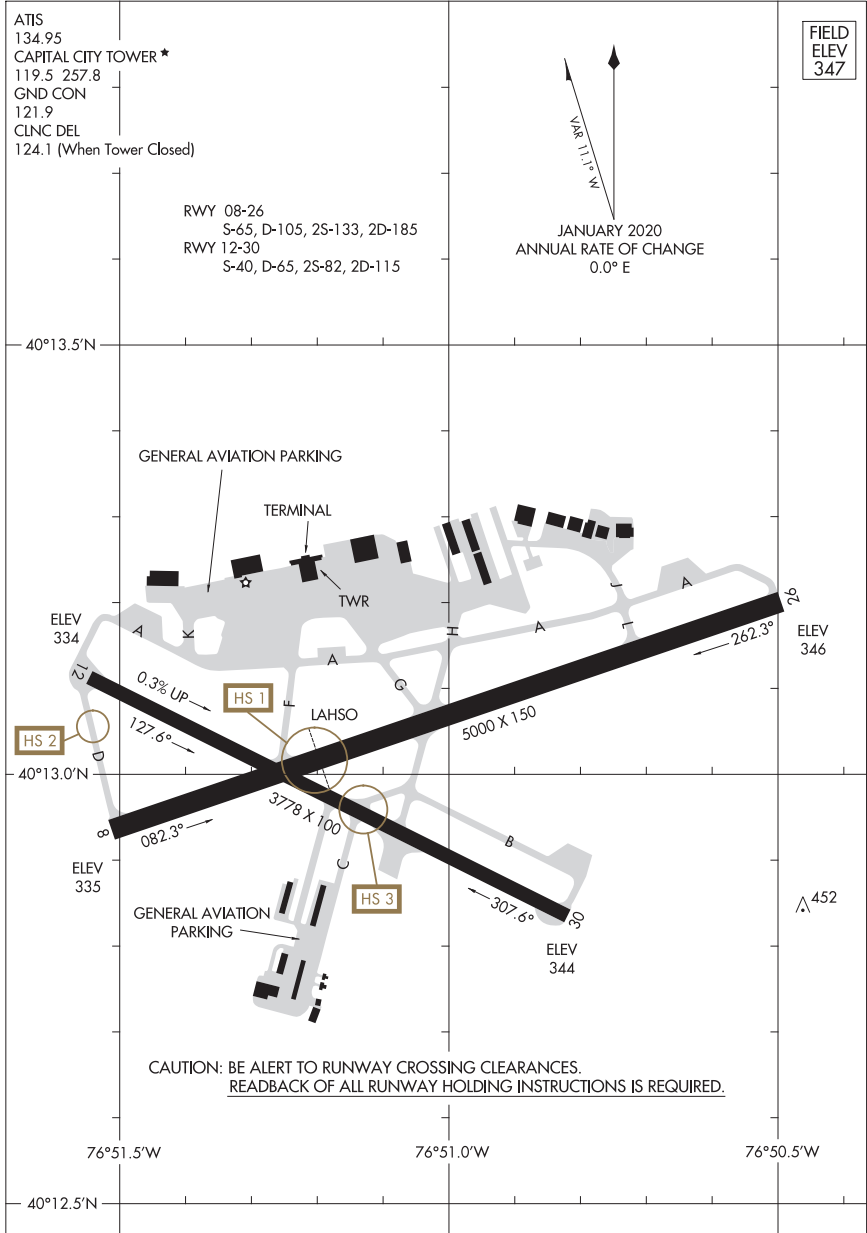
HAGERSTOWN, MARYLAND
HAGERSTOWN RGNL/RICHARD A HENSON FLD (HGR)

20086

AIRPORT DIAGRAM

AL-187 (FAA)

CAPITAL CITY (CXY)
HARRISBURG, PENNSYLVANIA



AIRPORT DIAGRAM

20086

HARRISBURG, PENNSYLVANIA
CAPITAL CITY (CXY)

21336

AIRPORT DIAGRAM

AL-188 (FAA)

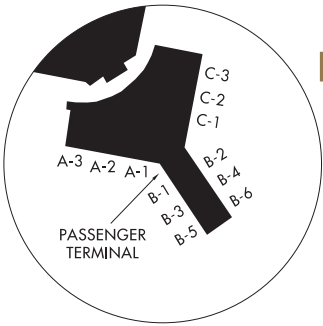
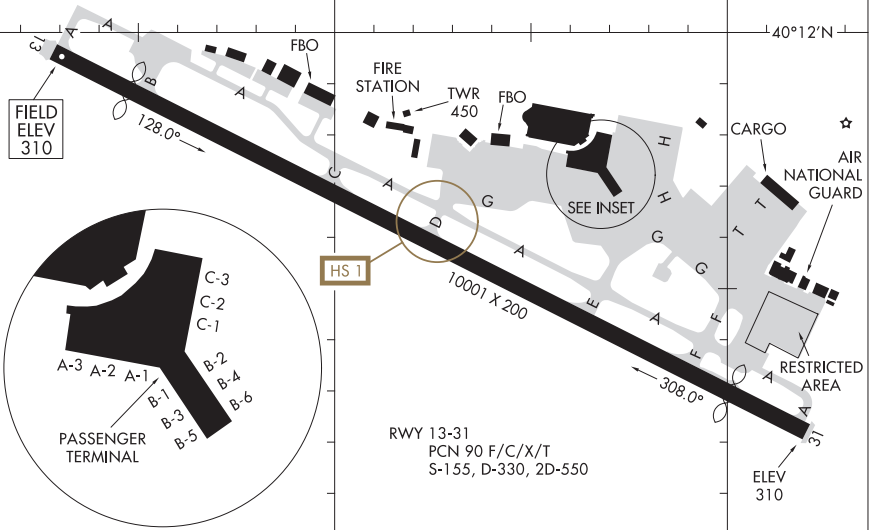
HARRISBURG INTL (MDT)
HARRISBURG, PENNSYLVANIA

ATIS
118.8
HARRISBURG INTL TOWER
124.8 269.35
GND CON
121.7 348.6

D

508 Δ

\nearrow
VAR 11.2° W
 \uparrow
JANUARY 2020
ANNUAL RATE OF CHANGE
0.0° E



HS 1

RWY 13-31
PCN 90 F/C/X/T
S-155, D-330, 2D-550

CAUTION: BE ALERT TO RUNWAY CROSSING CLEARANCES.
READEBACK OF ALL RUNWAY HOLDING INSTRUCTIONS IS REQUIRED.

AIRPORT DIAGRAM
21336

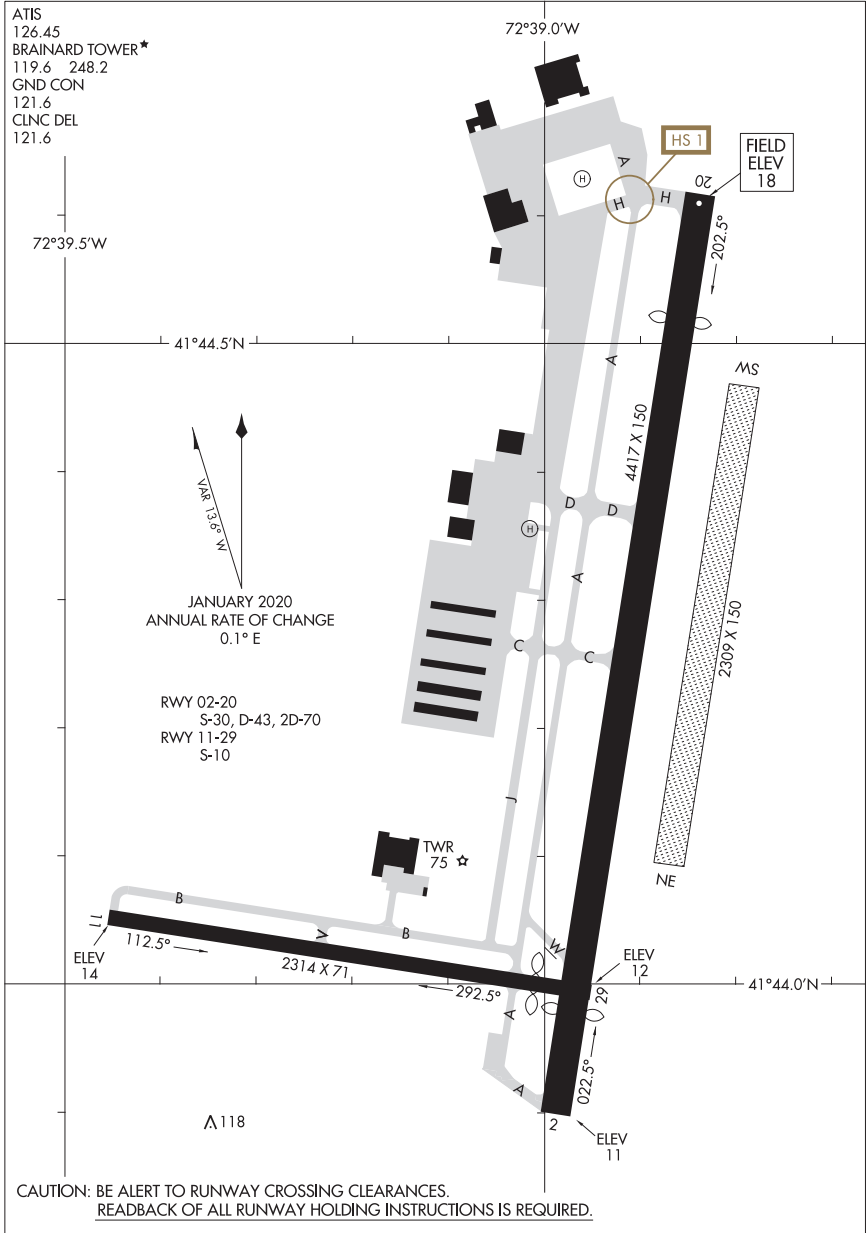
HARRISBURG, PENNSYLVANIA
HARRISBURG INTL (MDT)

23166

AIRPORT DIAGRAM

AL-189 (FAA)

HARTFORD-BRAINARD (HFD)
HARTFORD, CONNECTICUT



AIRPORT DIAGRAM

23166

HARTFORD, CONNECTICUT
HARTFORD-BRAINARD (HFD)

20086

AIRPORT DIAGRAM

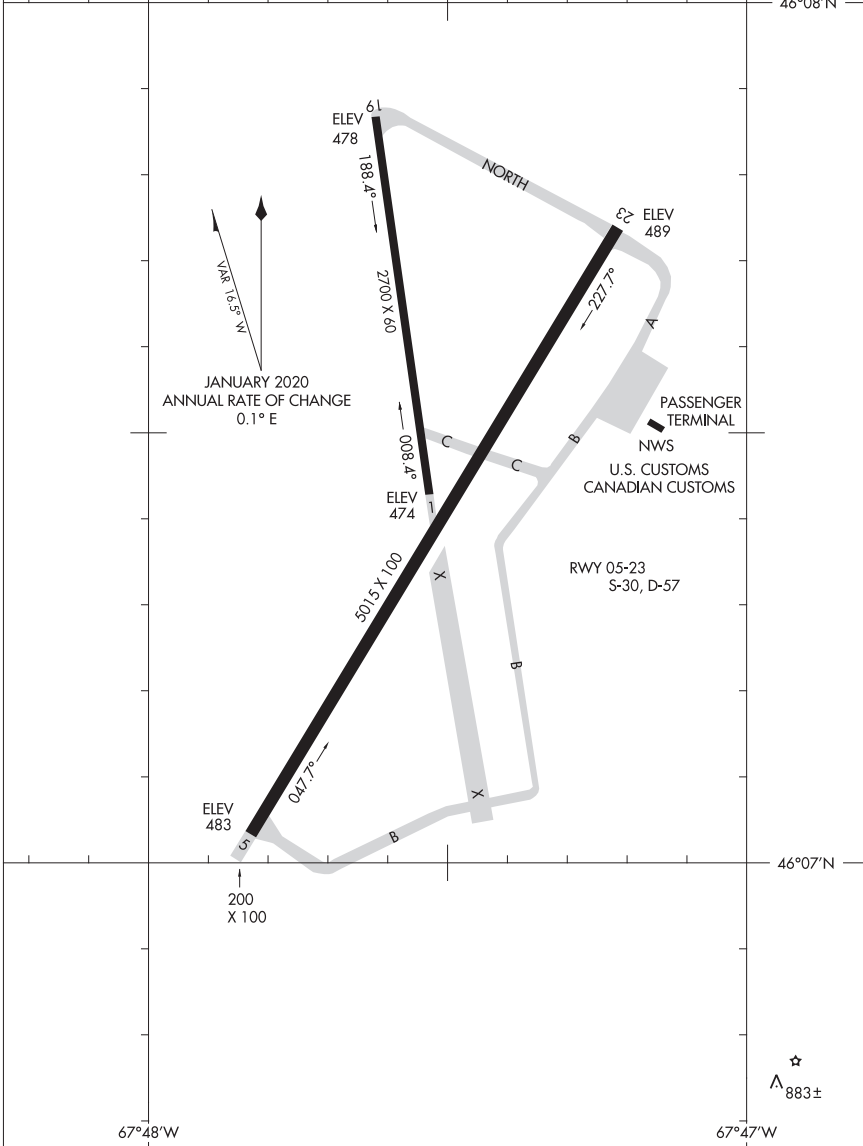
AL-196 (FAA)

HOULTON INTL (HUL)
HOULTON, MAINE

ASOS
132.025
CTAF/UNICOM
122.8

FIELD
ELEV
489

46°08'N



AIRPORT DIAGRAM

20086

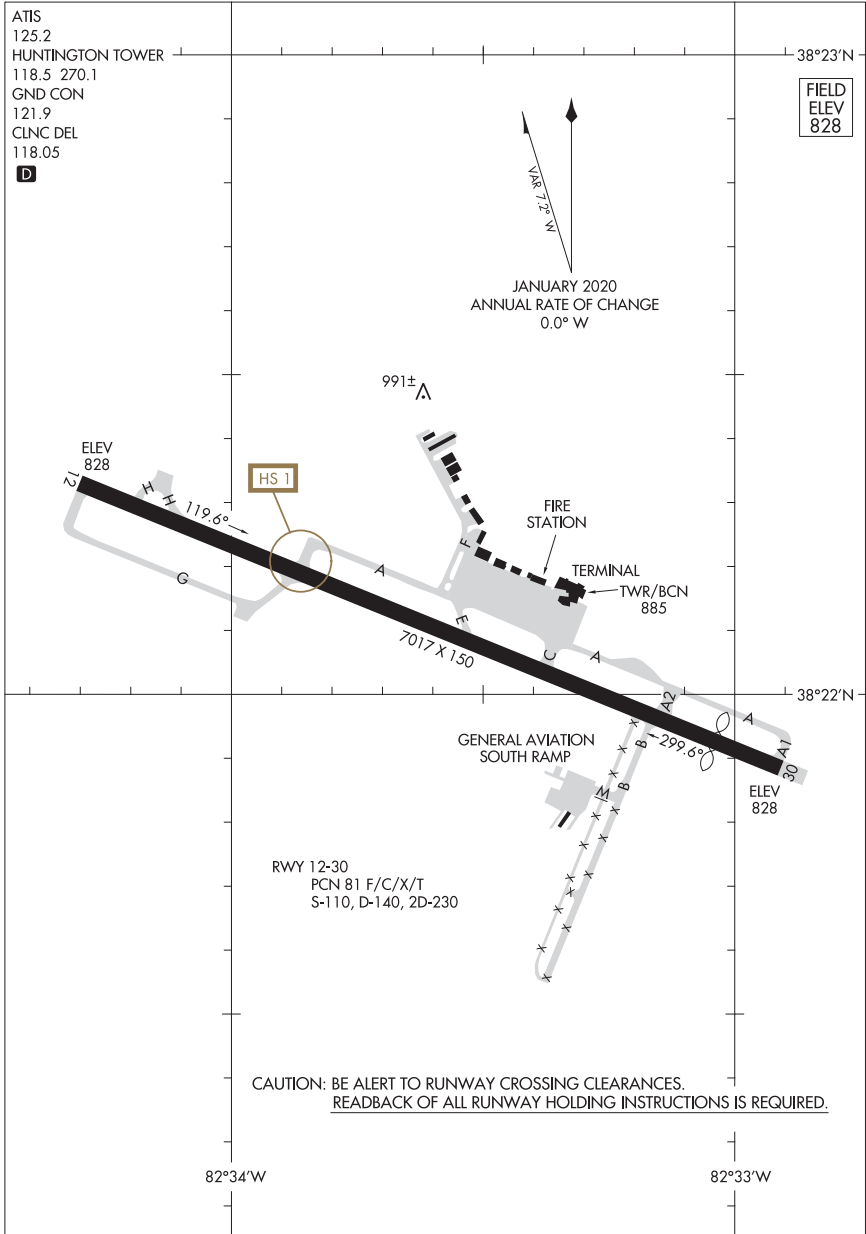
HOULTON, MAINE
HOULTON INTL (HUL)

22195

AIRPORT DIAGRAM

AL-532 (FAA)

TRI-STATE/MILTON J FERGUSON FLD (HT'S)
HUNTINGTON, WEST VIRGINIA



AIRPORT DIAGRAM

22195

HUNTINGTON, WEST VIRGINIA
TRI-STATE/MILTON J FERGUSON FLD (HT'S)

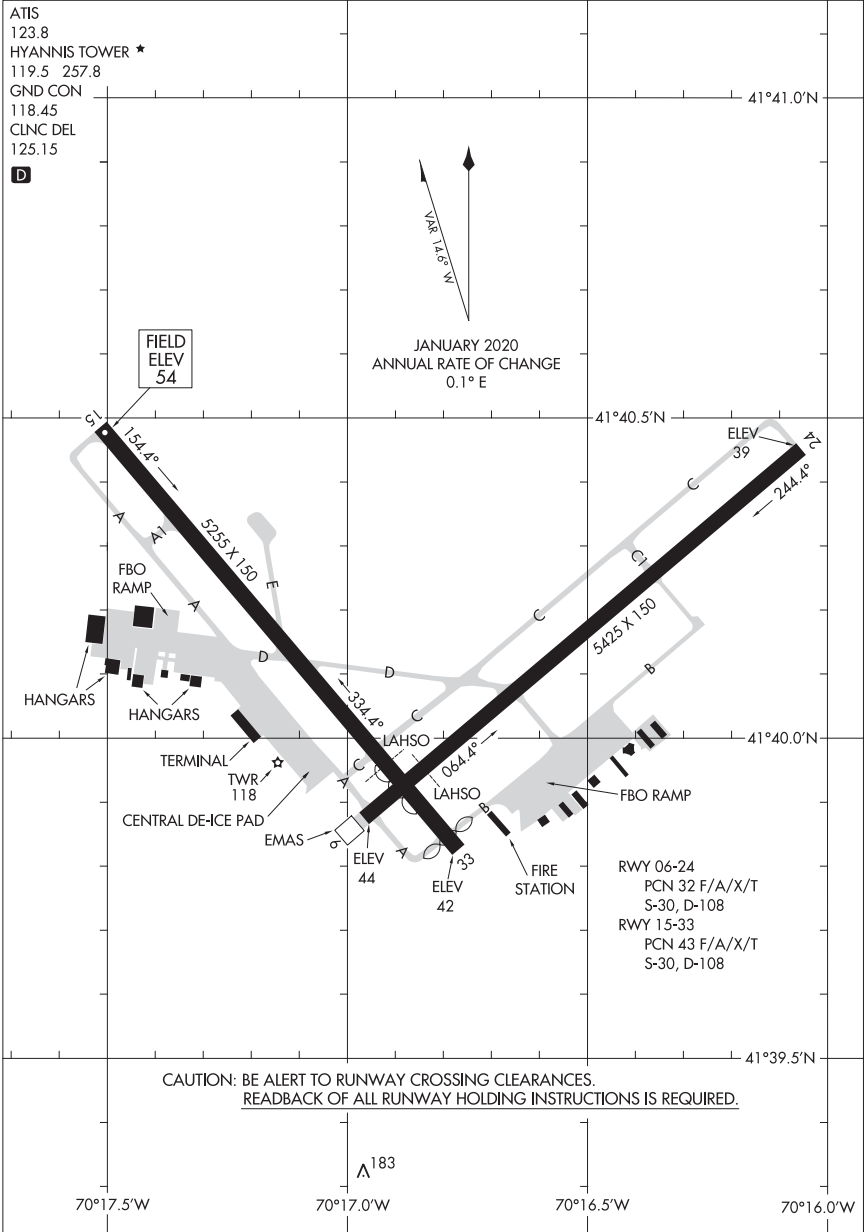
21280

AIRPORT DIAGRAM

AL-675 (FAA)

CAPE COD GATEWAY (HYA)

HYANNIS, MASSACHUSETTS



AIRPORT DIAGRAM

21280

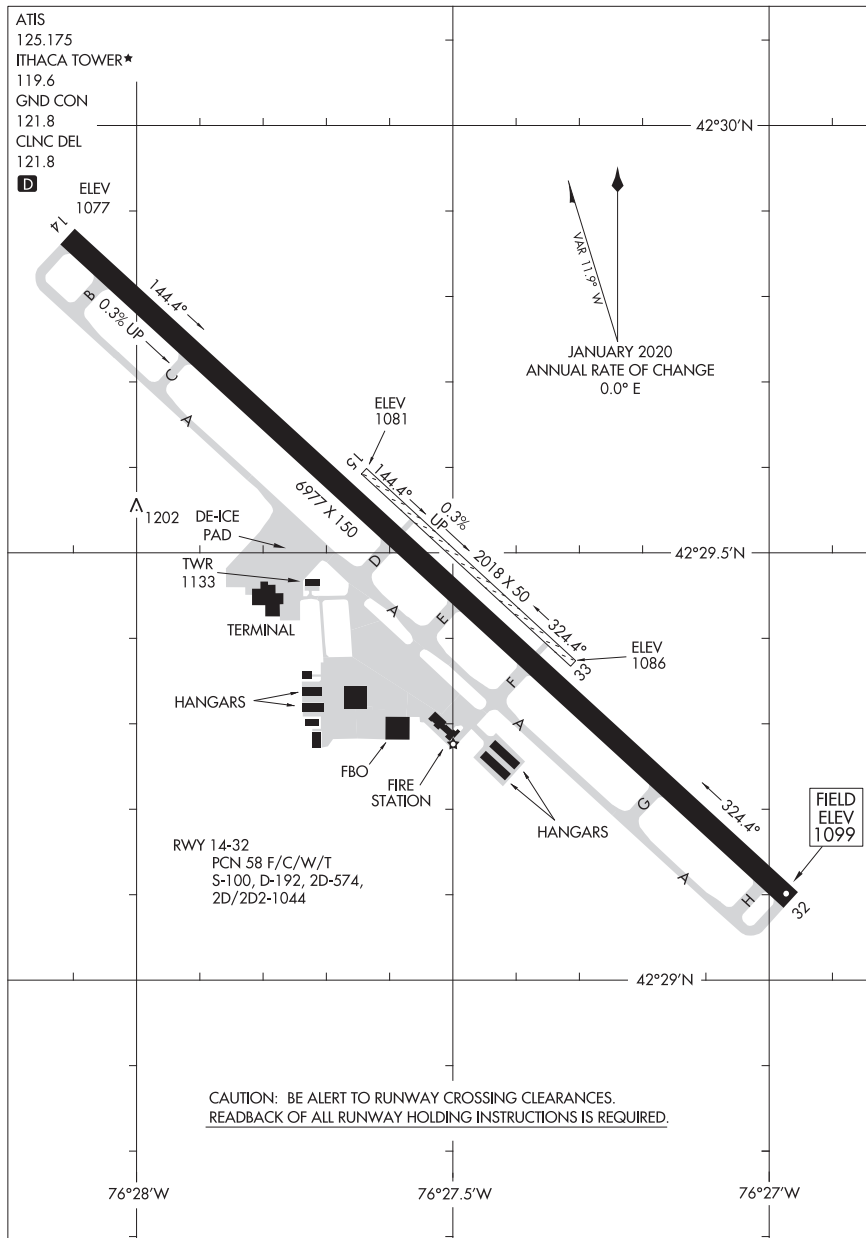
HYANNIS, MASSACHUSETTS
CAPE COD GATEWAY (HYA)

23166

AIRPORT DIAGRAM

AL-779 (FAA)

ITHACA TOMPKINS INTL (ITH)
ITHACA, NEW YORK



AIRPORT DIAGRAM

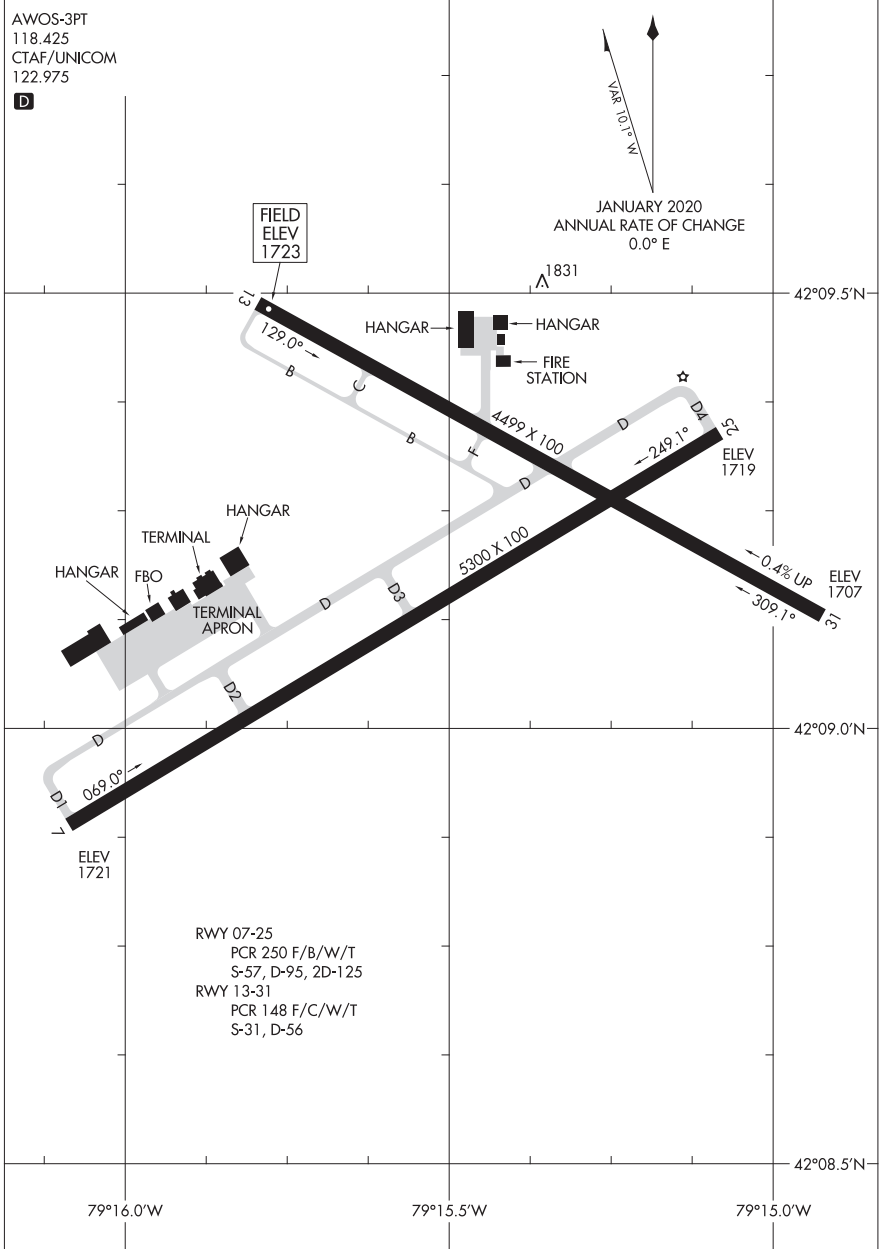
23166

ITHACA, NEW YORK
ITHACA TOMPKINS INTL (ITH)

23334

AIRPORT DIAGRAM

CHAUTAUQUA COUNTY/JAMESTOWN (JHW)
AL-731 (FAA) JAMESTOWN, NEW YORK



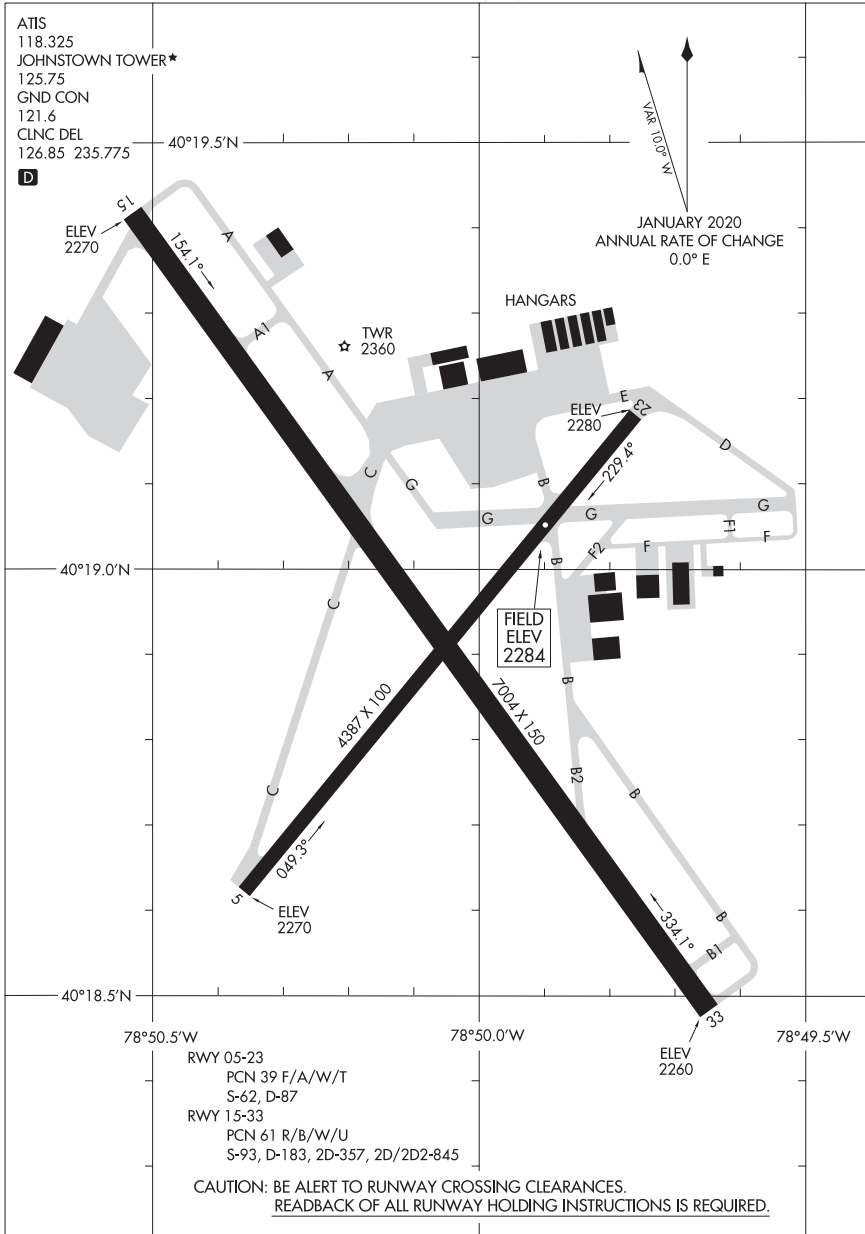
AIRPORT DIAGRAM
23334

JAMESTOWN, NEW YORK
CHAUTAUQUA COUNTY/JAMESTOWN (JHW)

22027

AIRPORT DIAGRAM

JOHN MURTHA JOHNSTOWN/CAMBRIA COUNTY (JST)
AL-898 (FAA) JOHNSTOWN, PENNSYLVANIA



AIRPORT DIAGRAM

22027

JOHNSTOWN, PENNSYLVANIA
JOHN MURTHA JOHNSTOWN/CAMBRIA COUNTY (JST)

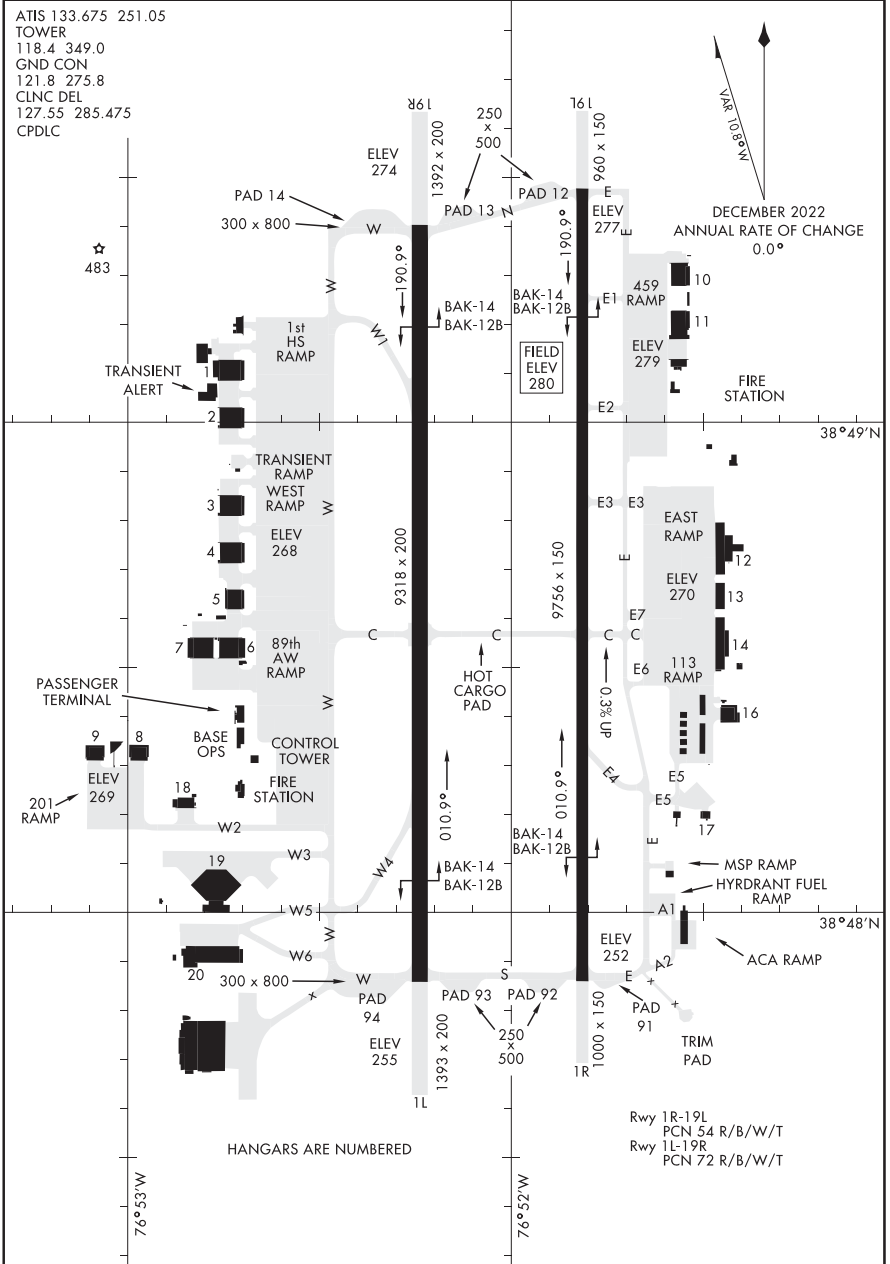
22363

JOINT BASE ANDREWS (KADW)

AIRPORT DIAGRAM

AL-561 [USAF]

CAMP SPRINGS, MARYLAND



AIRPORT DIAGRAM

CAMP SPRINGS, MARYLAND
JOINT BASE ANDREWS (KADW)

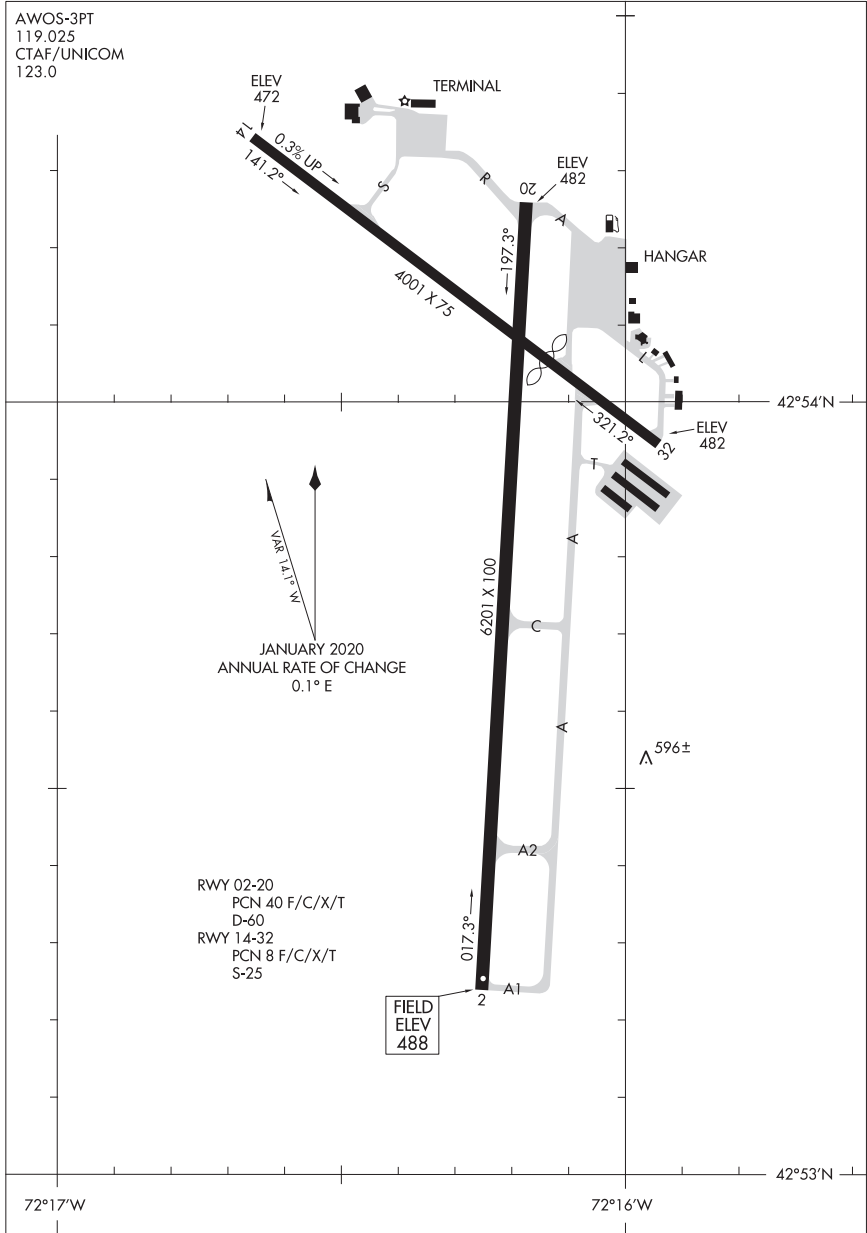
22083

AIRPORT DIAGRAM

AL-868 (FAA)

DILLANT/HOPKINS (EEN)
KEENE, NEW HAMPSHIRE

AWOS-3PT
119.025
CTAF/UNICOM
123.0



AIRPORT DIAGRAM

22083

KEENE, NEW HAMPSHIRE
DILLANT/HOPKINS (EEN)

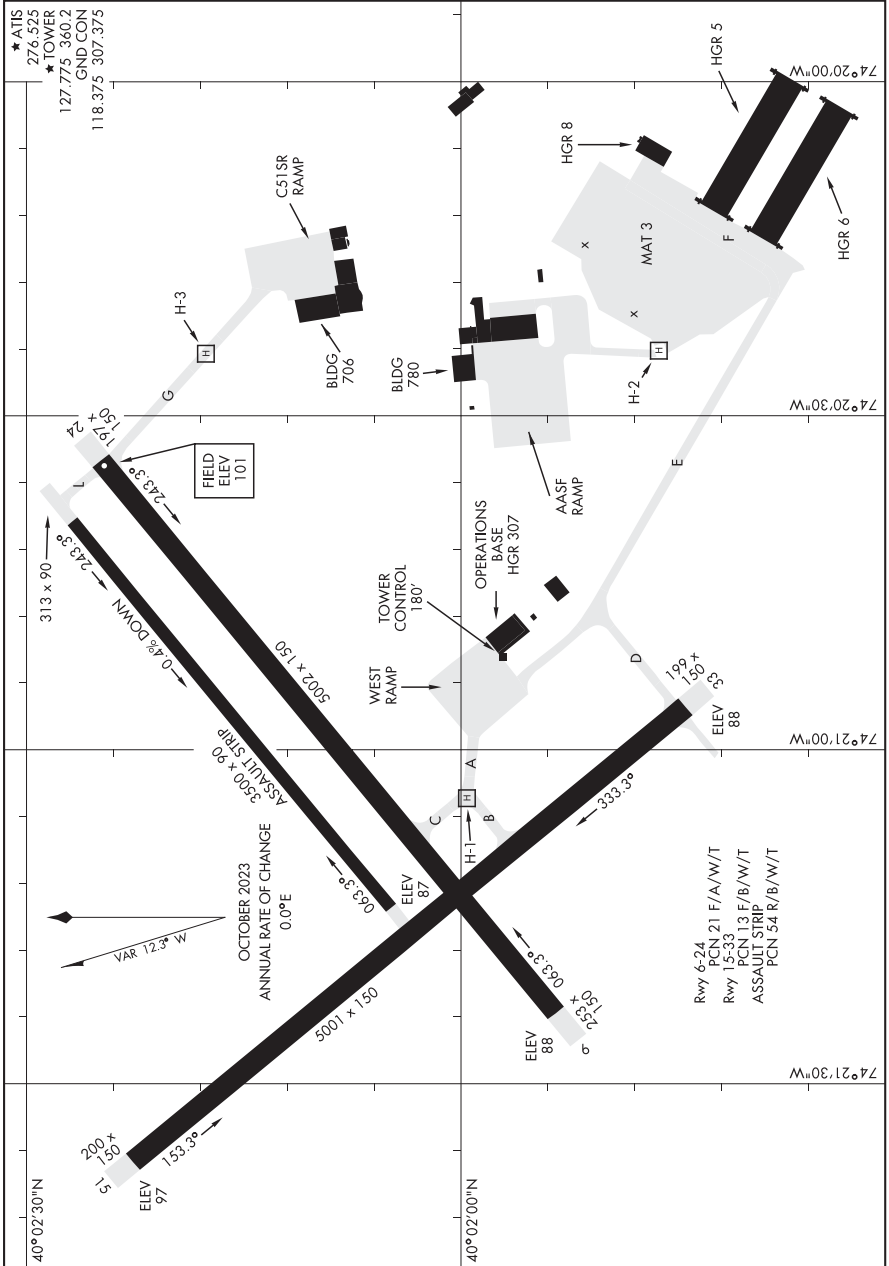
23334

LAKEHURST MAXFIELD FLD, (JOINT BASE MC GUIRE DIX LAKEHURST) (KNEL)

AIRPORT DIAGRAM

[USN]

LAKEHURST, NEW JERSEY



AIRPORT DIAGRAM

LAKEHURST, NEW JERSEY

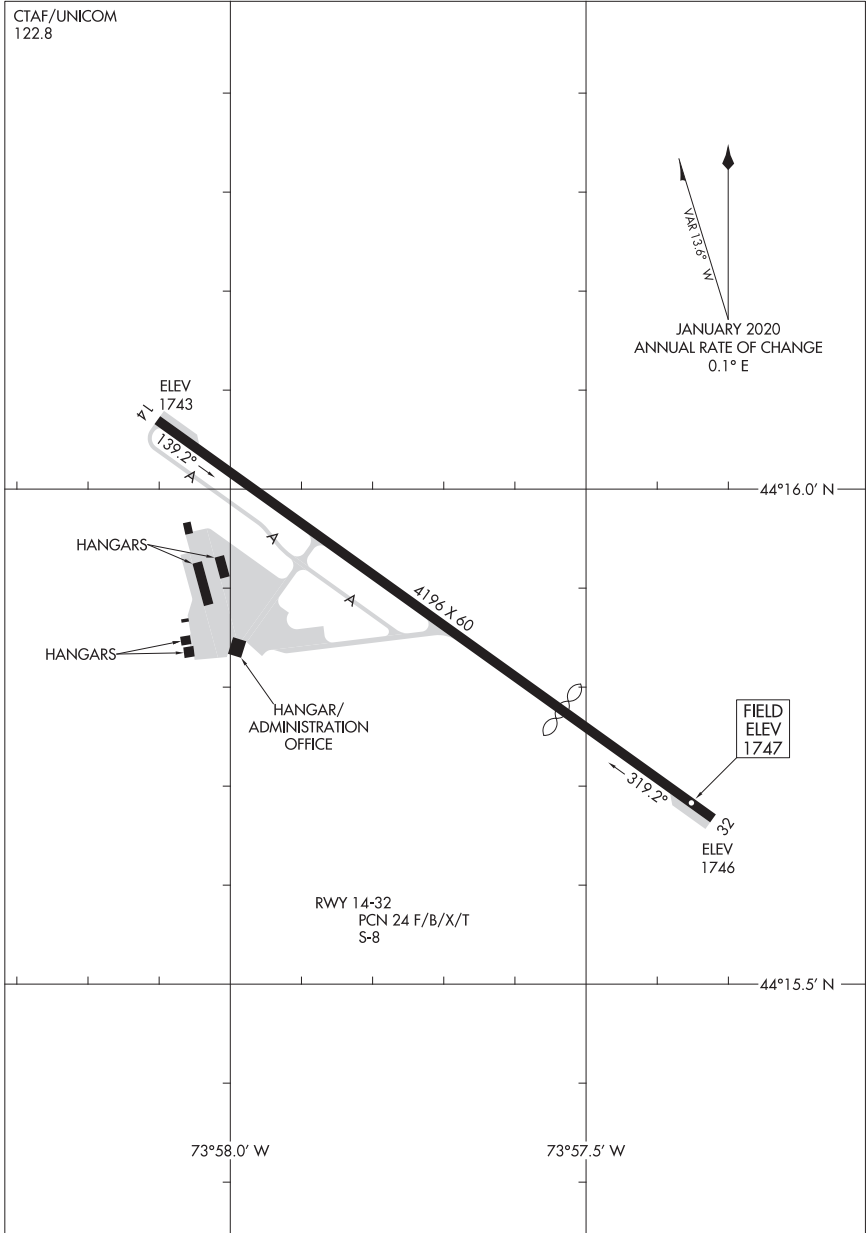
LAKEHURST MAXFIELD FLD, (JOINT BASE MC GUIRE DIX LAKEHURST) (KNEL)

21336

AIRPORT DIAGRAM

AL-9371 (FAA)

LAKE PLACID (LKP)
LAKE PLACID, NEW YORK



AIRPORT DIAGRAM

21336

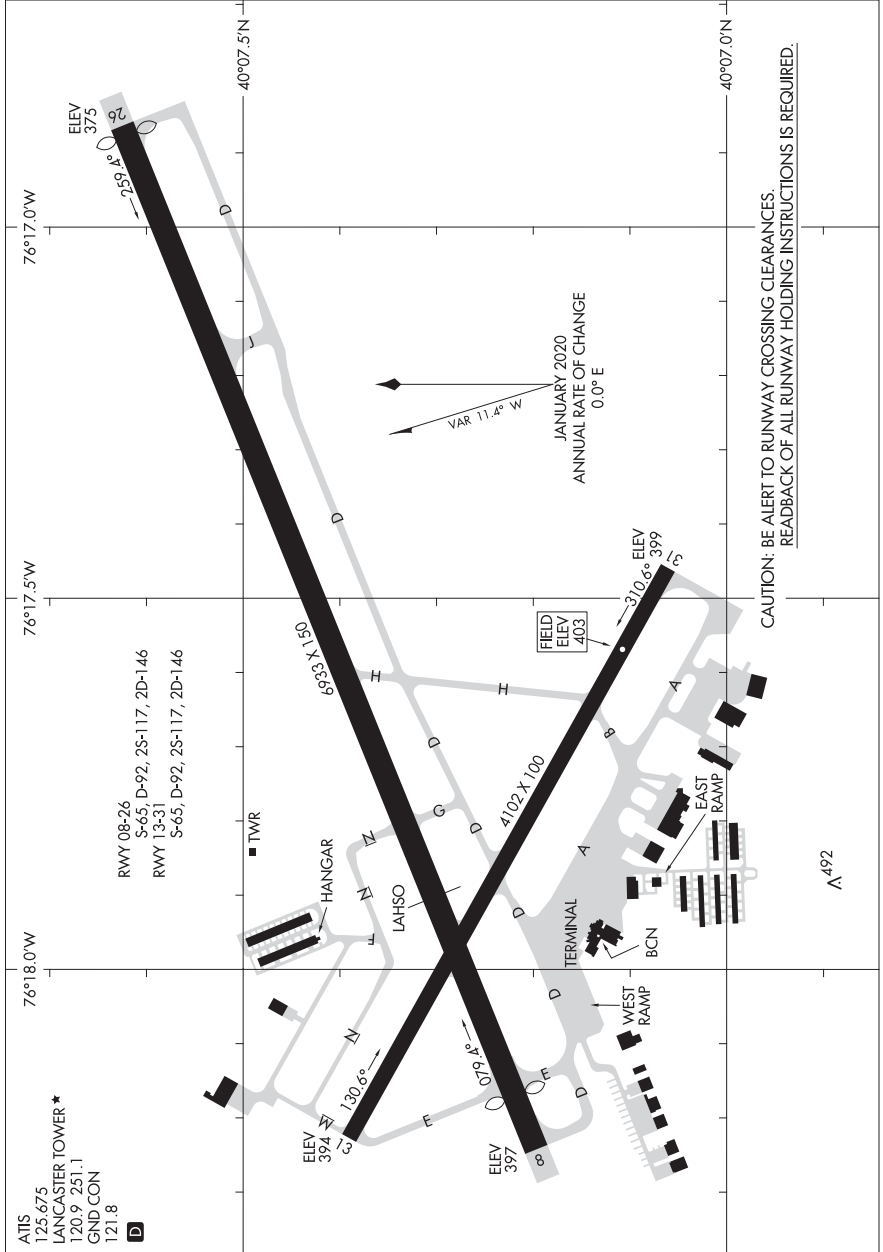
LAKE PLACID, NEW YORK
LAKE PLACID (LKP)

23334

AIRPORT DIAGRAM

AL-927 (FAA)

LANCASTER (LNS)
LANCASTER, PENNSYLVANIA



AIRPORT DIAGRAM

LANCASTER, PENNSYLVANIA
LANCASTER (LNS)

23334

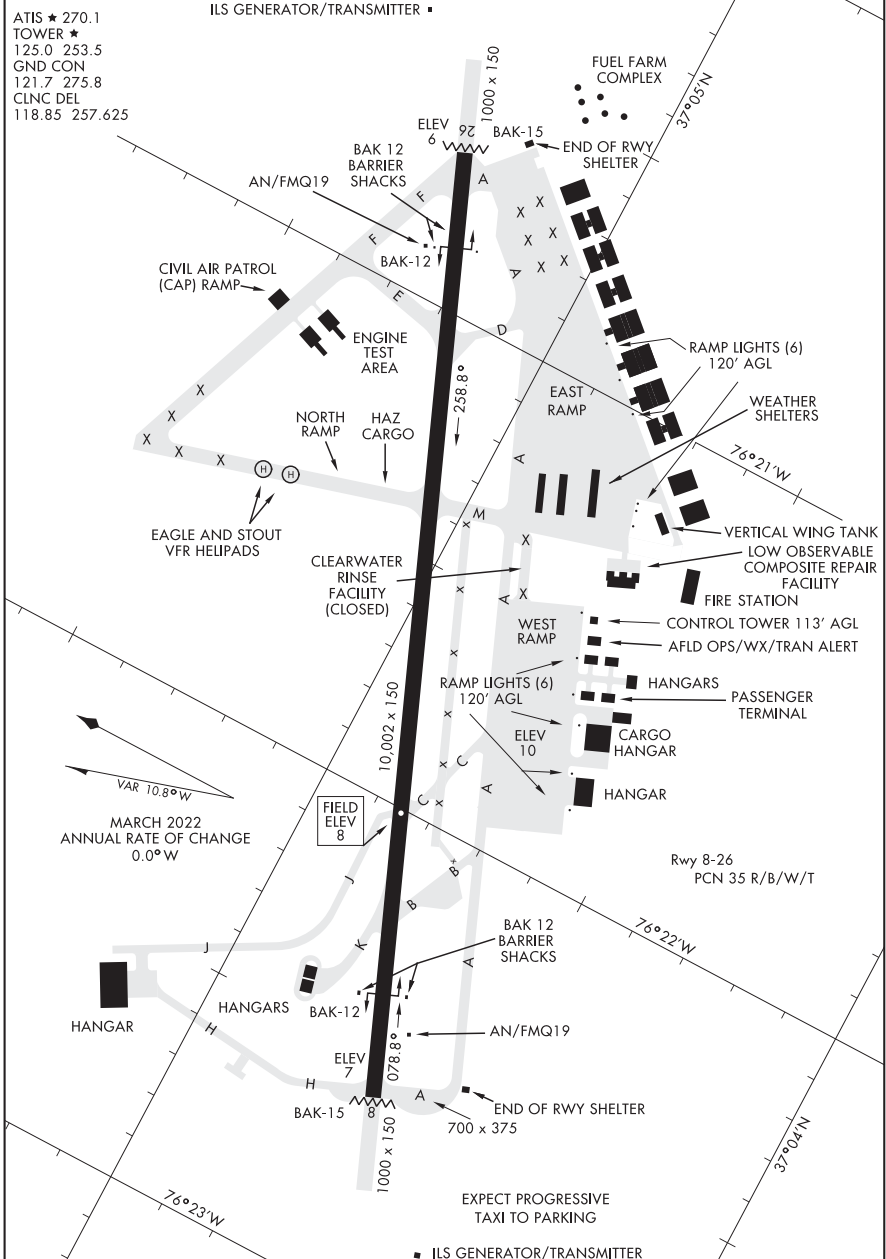
22083

AIRPORT DIAGRAM

AL-185 [USAF]

LANGLEY AFB (KLF1)

HAMPTON, VIRGINIA



AIRPORT DIAGRAM

HAMPTON, VIRGINIA

LANGLEY AFB (KLF1)

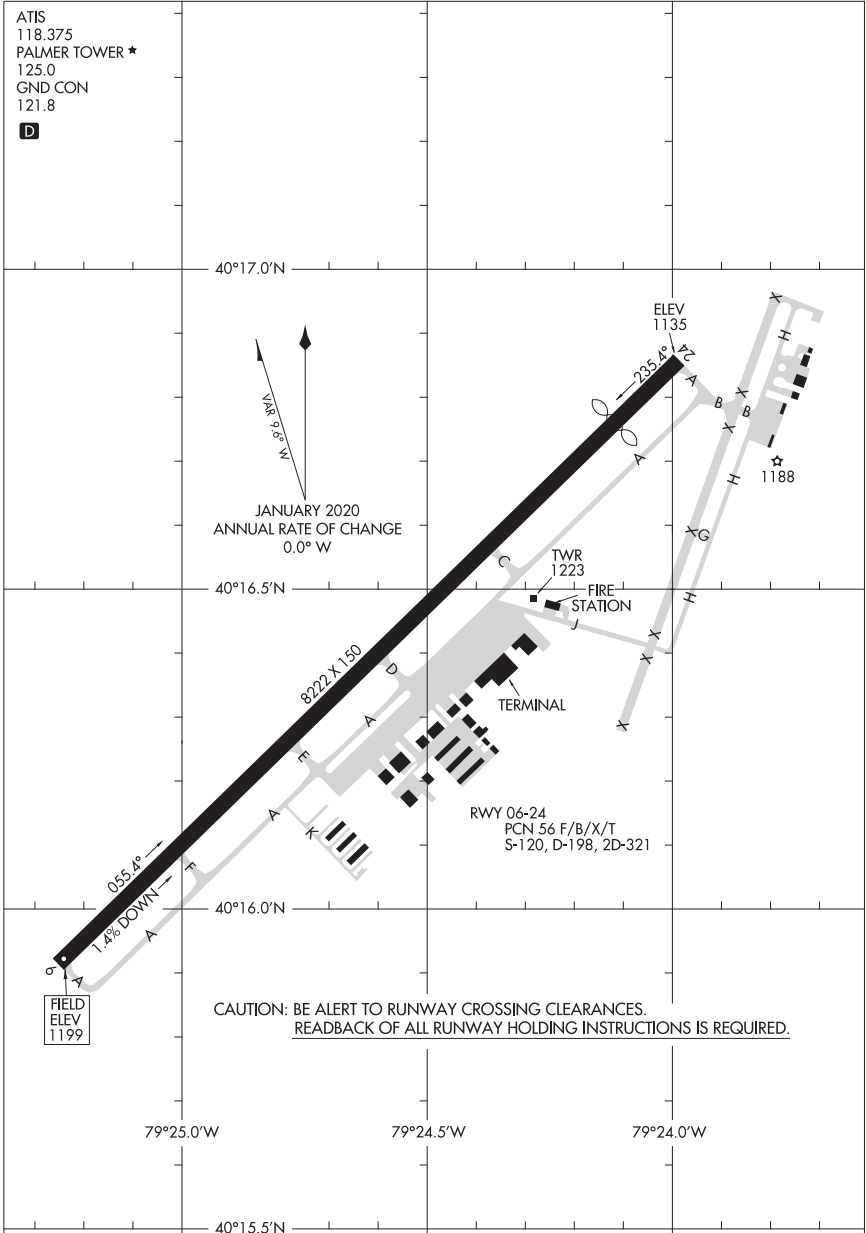
23222

AIRPORT DIAGRAM

AL-5125 (FAA)

ARNOLD PALMER RGNL (LBE)

LATROBE, PENNSYLVANIA



AIRPORT DIAGRAM

23222

LATROBE, PENNSYLVANIA

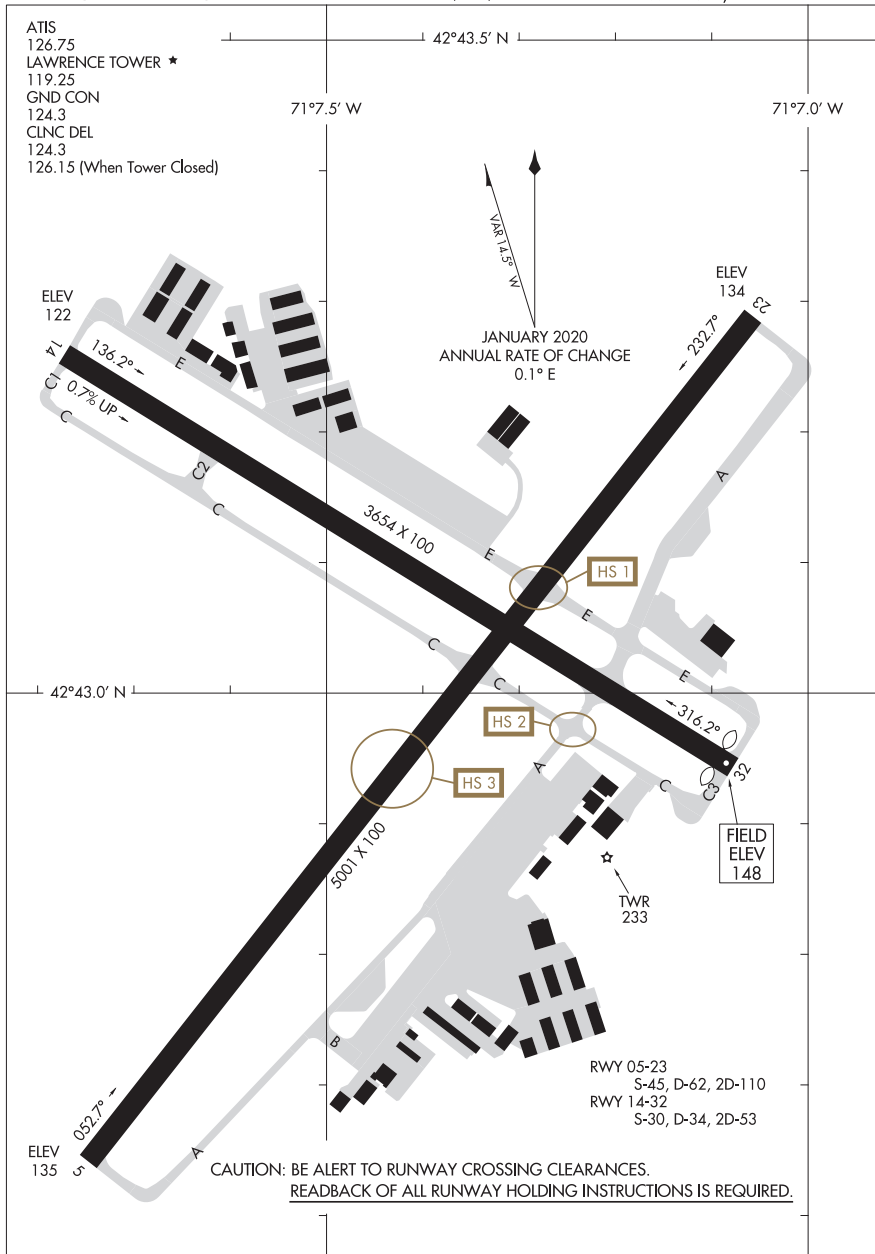
ARNOLD PALMER RGNL (LBE)

23334

AIRPORT DIAGRAM

AL-654 (FAA)

LAWRENCE MUNI (L.W.M)
LAWRENCE, MASSACHUSETTS



AIRPORT DIAGRAM

23334

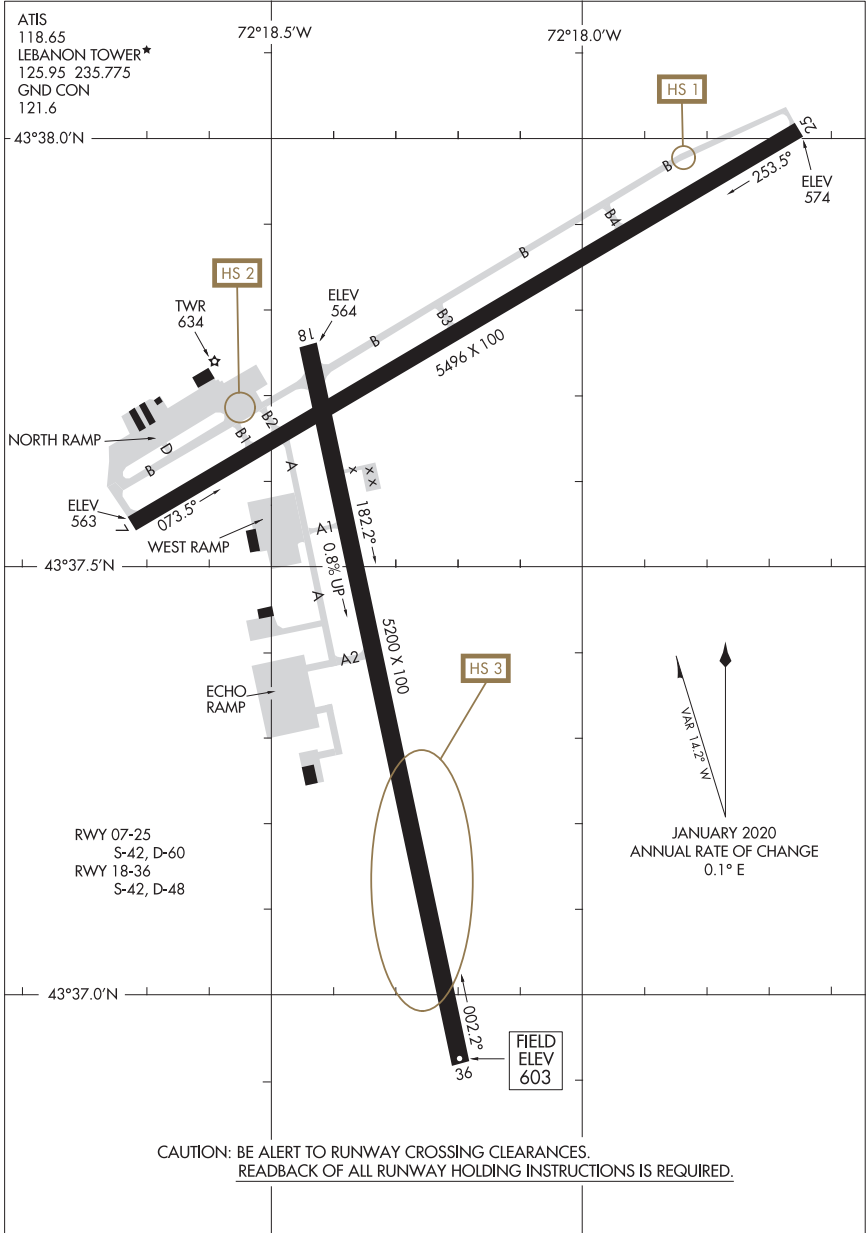
LAWRENCE, MASSACHUSETTS
LAWRENCE MUNI (L.W.M)

20086

AIRPORT DIAGRAM

AL-859 (FAA)

LEBANON MUNI (LEB)
LEBANON, NEW HAMPSHIRE



AIRPORT DIAGRAM

20086

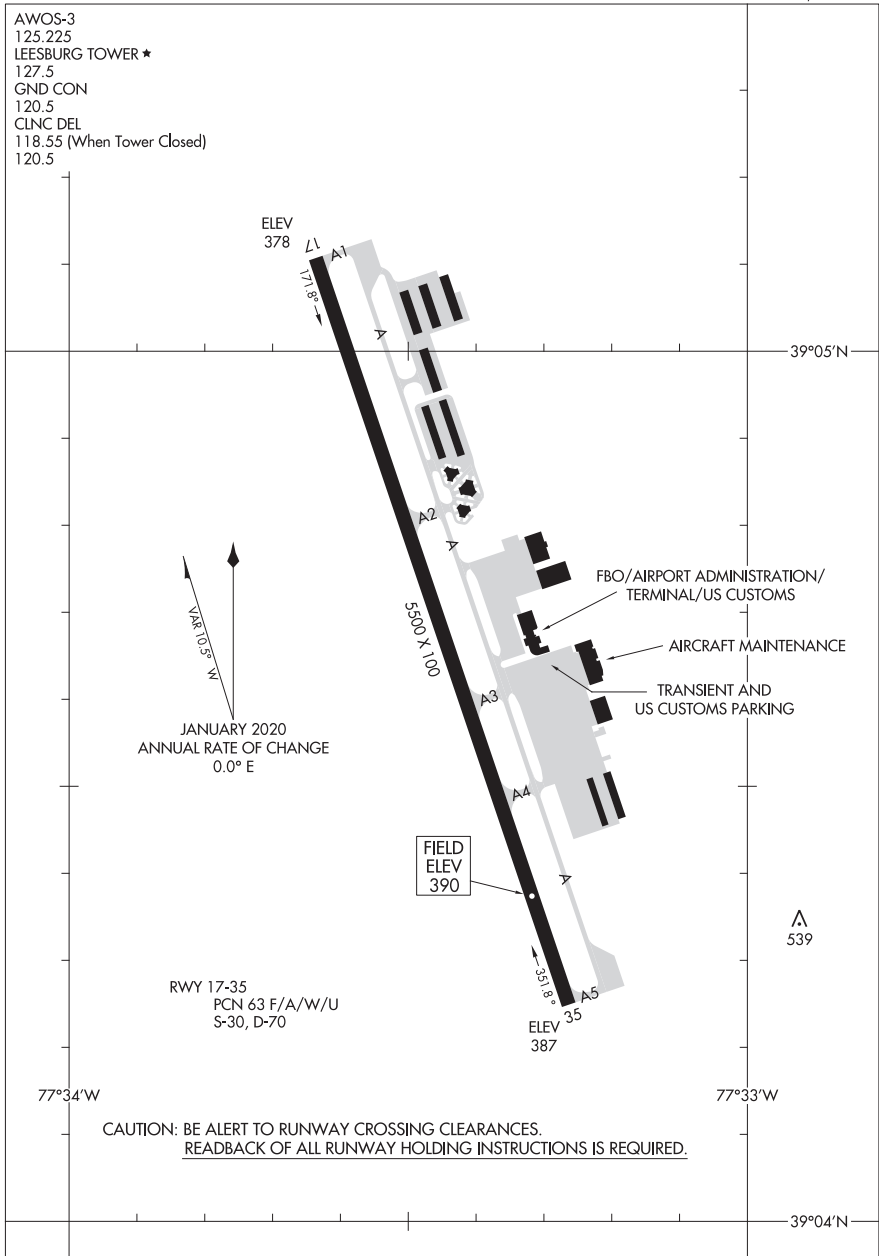
LEBANON, NEW HAMPSHIRE
LEBANON MUNI (LEB)

24025

AIRPORT DIAGRAM

AL-5288 (FAA)

LEESBURG EXEC (JYO)
LEESBURG, VIRGINIA



AIRPORT DIAGRAM

24025

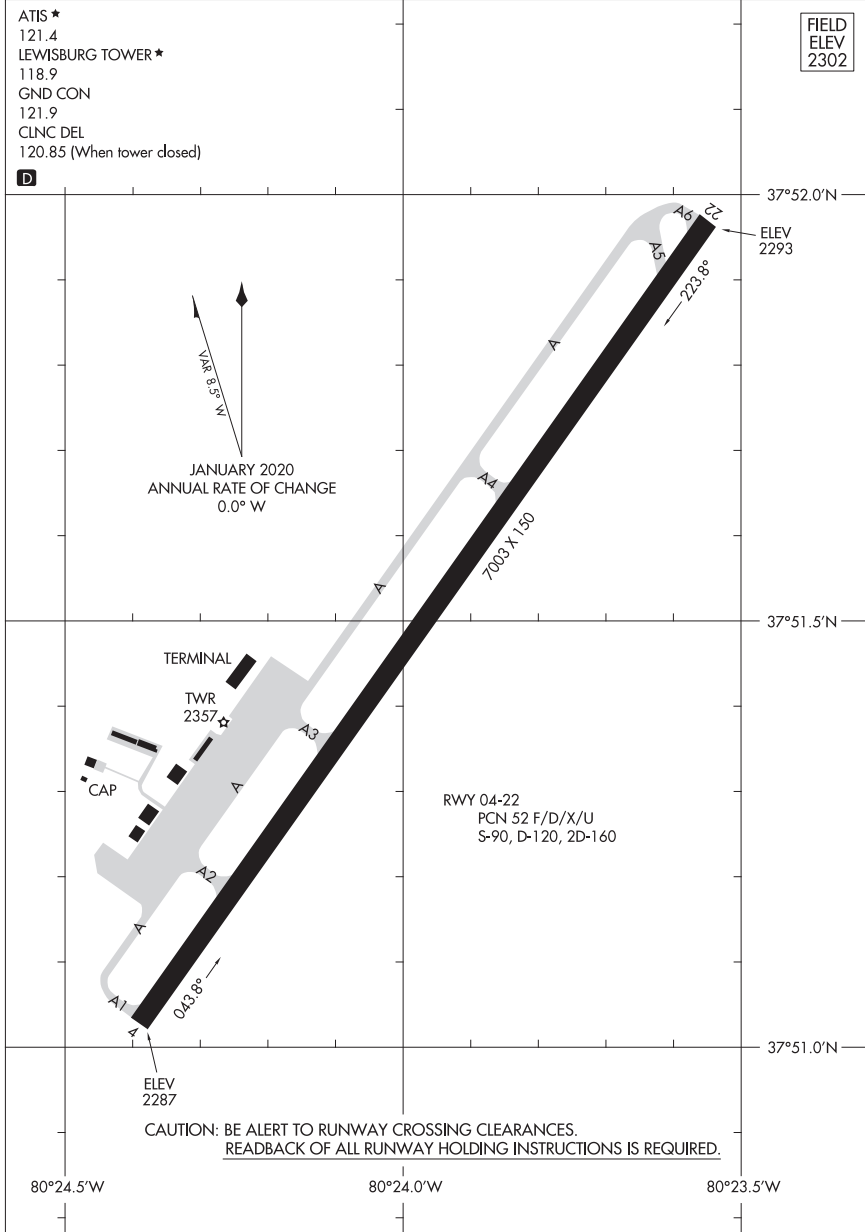
LEESBURG, VIRGINIA
LEESBURG EXEC (JYO)

22139

AIRPORT DIAGRAM

AL-5601 (FAA)

GREENBRIER VALLEY (LWB)
LEWISBURG, WEST VIRGINIA



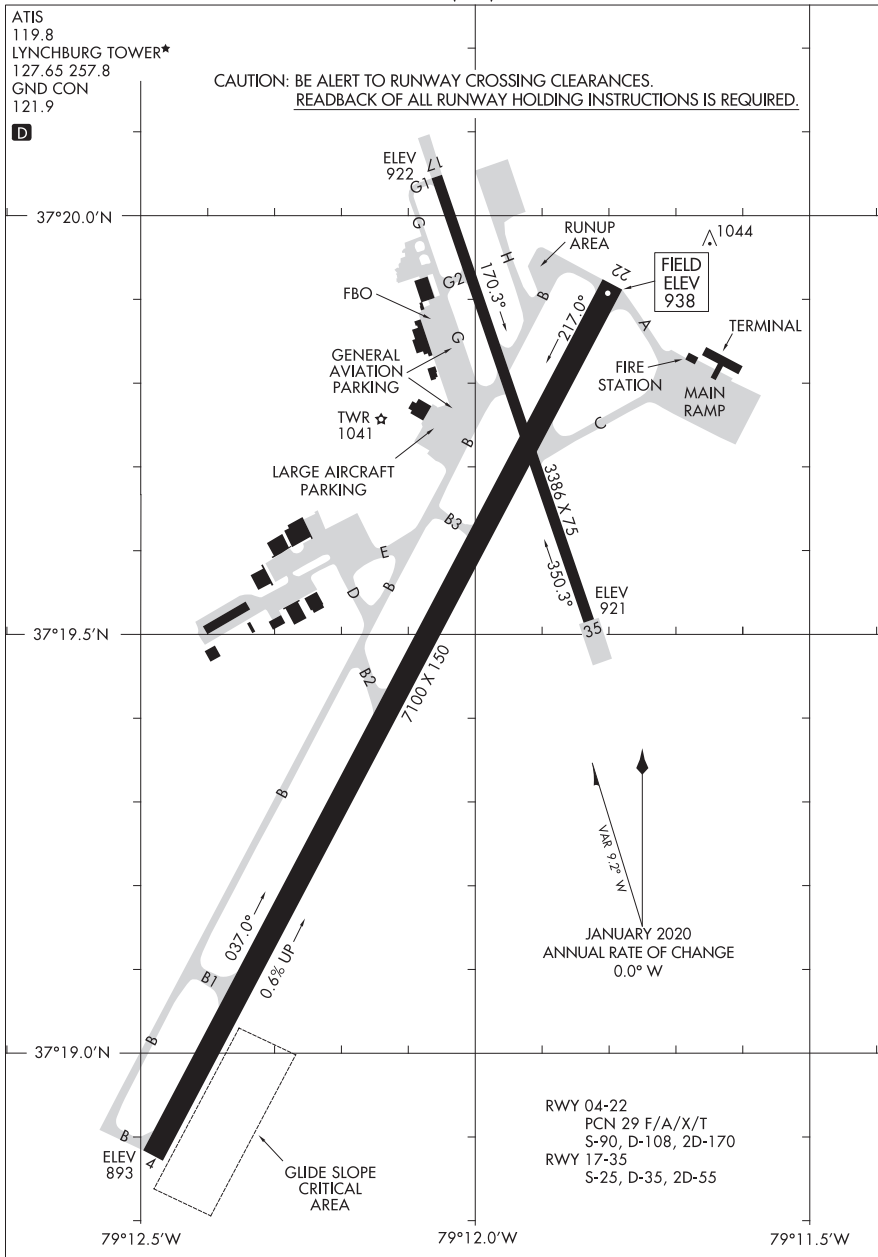
AIRPORT DIAGRAM

22139

LEWISBURG, WEST VIRGINIA
GREENBRIER VALLEY (LWB)

AIRPORT DIAGRAM

LYNCHBURG RGNL/PRESTON GLENN FLD (LYH)
AL-499 (FAA)
LYNCHBURG, VIRGINIA



AIRPORT DIAGRAM

23110

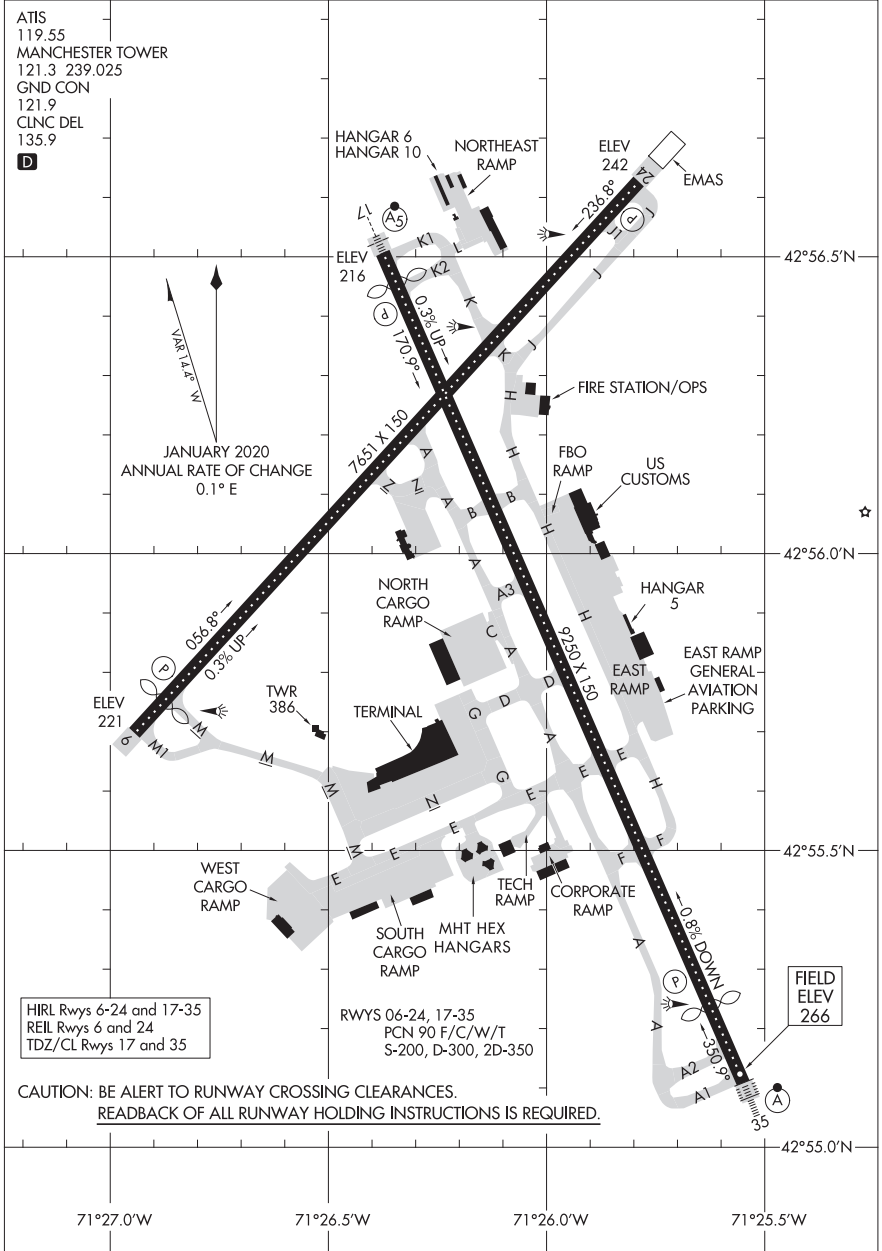
LYNCHBURG, VIRGINIA
LYNCHBURG RGNL/PRESTON GLENN FLD (LYH)

24025

AIRPORT DIAGRAM

AL-246 (FAA)

MANCHESTER BOSTON RGNL (MHT)
MANCHESTER, NEW HAMPSHIRE



AIRPORT DIAGRAM
24025

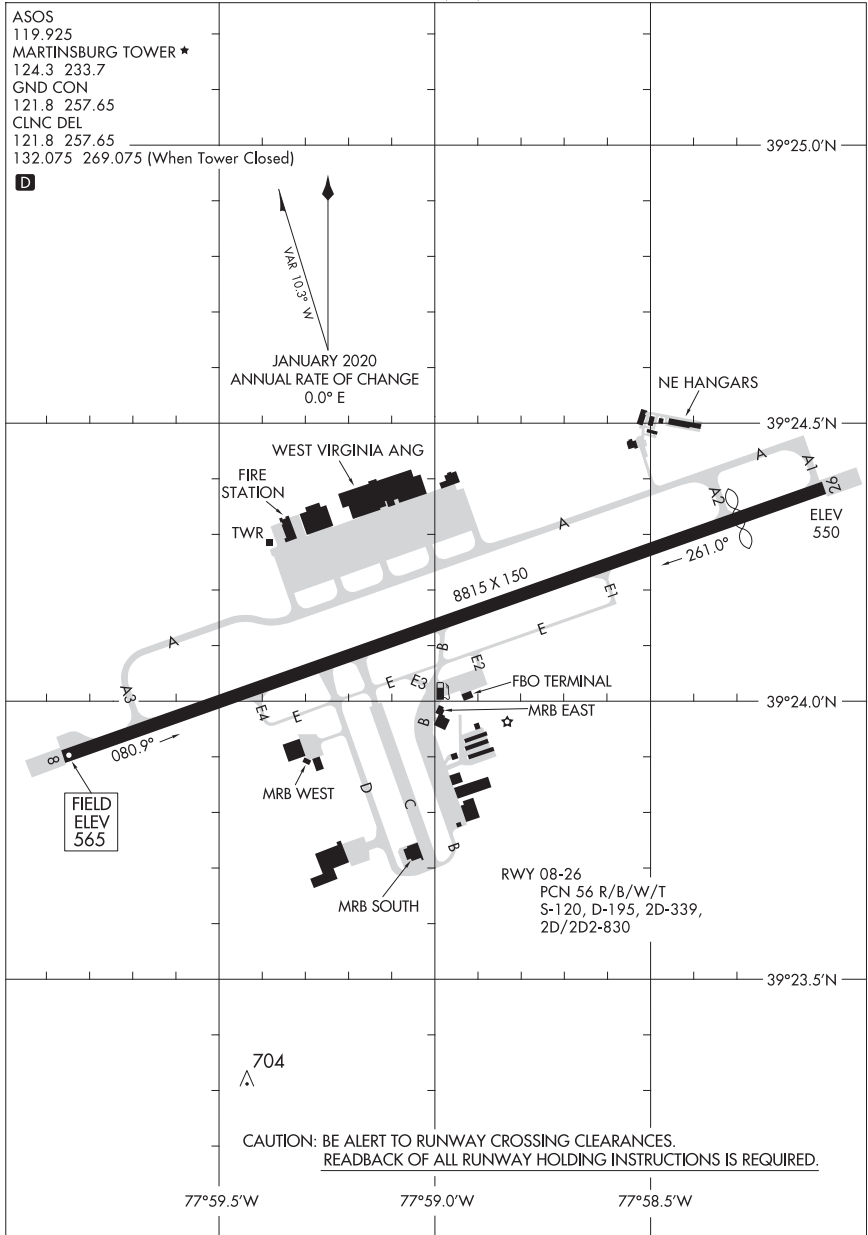
MANCHESTER, NEW HAMPSHIRE
MANCHESTER BOSTON RGNL (MHT)

22195

AIRPORT DIAGRAM

EASTERN WV RGNL/SHEPHERD FLD (MR.B)
AL-249 (FAA)

MARTINSBURG, WEST VIRGINIA



AIRPORT DIAGRAM

22195

MARTINSBURG, WEST VIRGINIA
EASTERN WV RGNL/SHEPHERD FLD (MR.B)

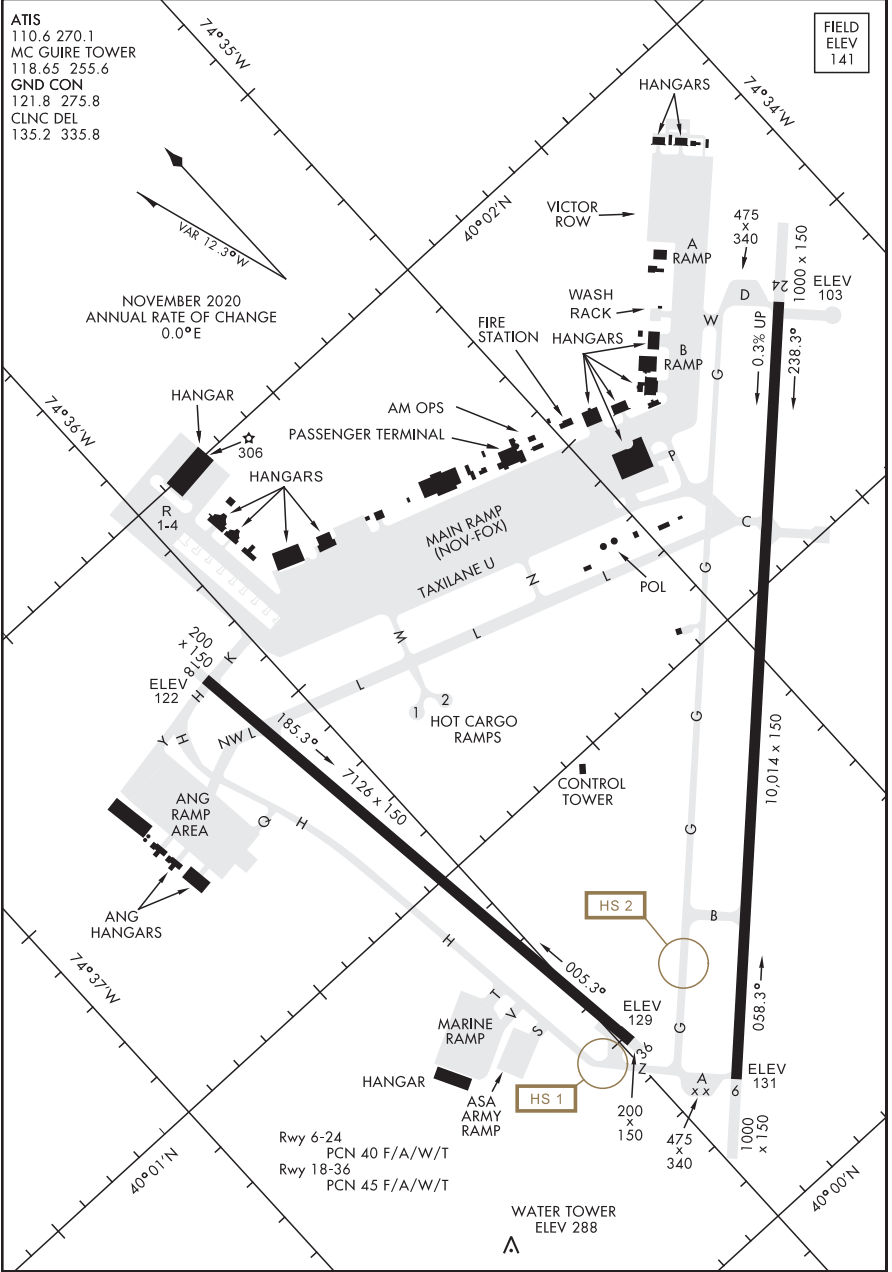
20310

MC GUIRE FLD, (JOINT BASE MC GUIRE DIX LAKEHURST) (KWRI)

AFD-150 [USA]

WRIGHTSTOWN, NEW JERSEY

AIRPORT DIAGRAM



AIRPORT DIAGRAM

WRIGHTSTOWN, NEW JERSEY

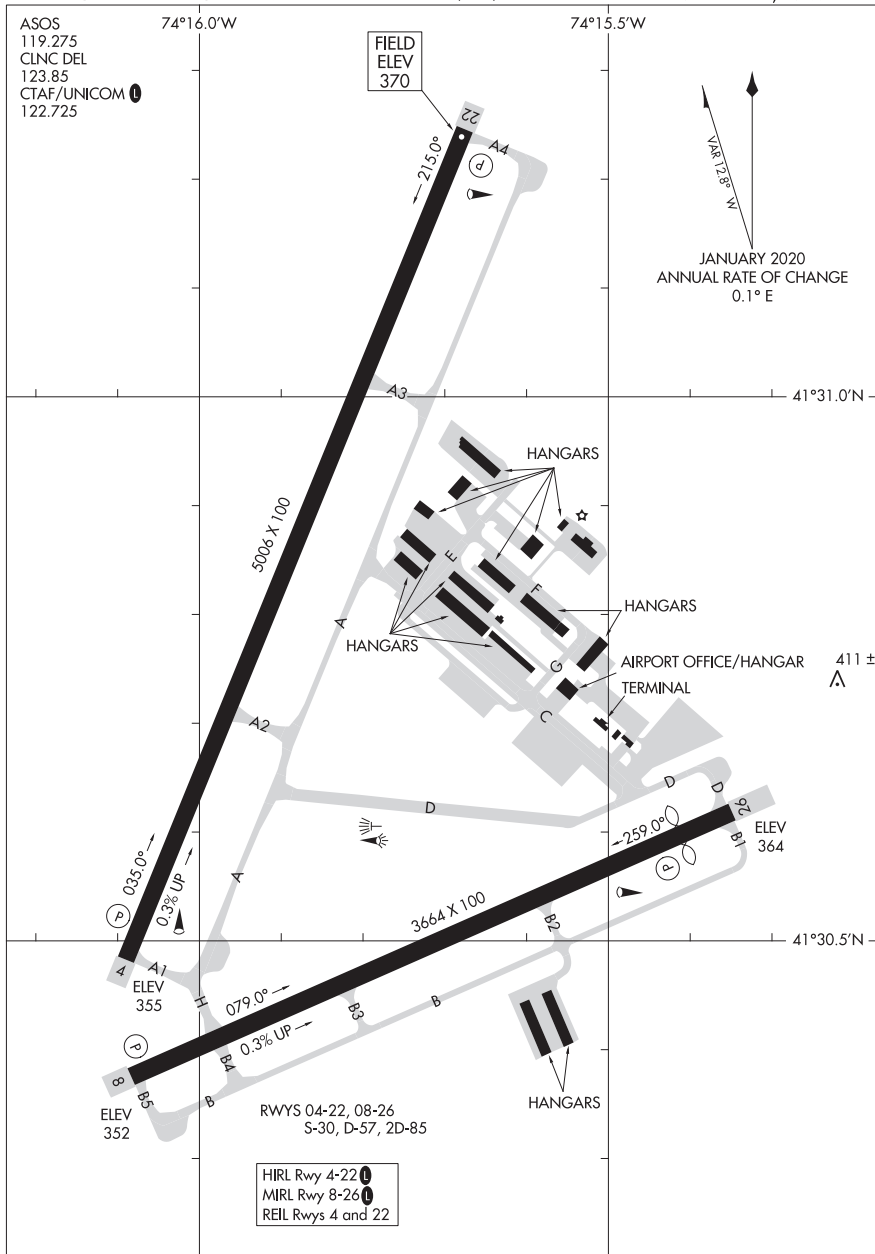
MC GUIRE FLD, (JOINT BASE MC GUIRE DIX LAKEHURST) (KWRI)

24025

AIRPORT DIAGRAM

AL-5264 (FAA)

ORANGE COUNTY (MGJ)
MONTGOMERY, NEW YORK



AIRPORT DIAGRAM

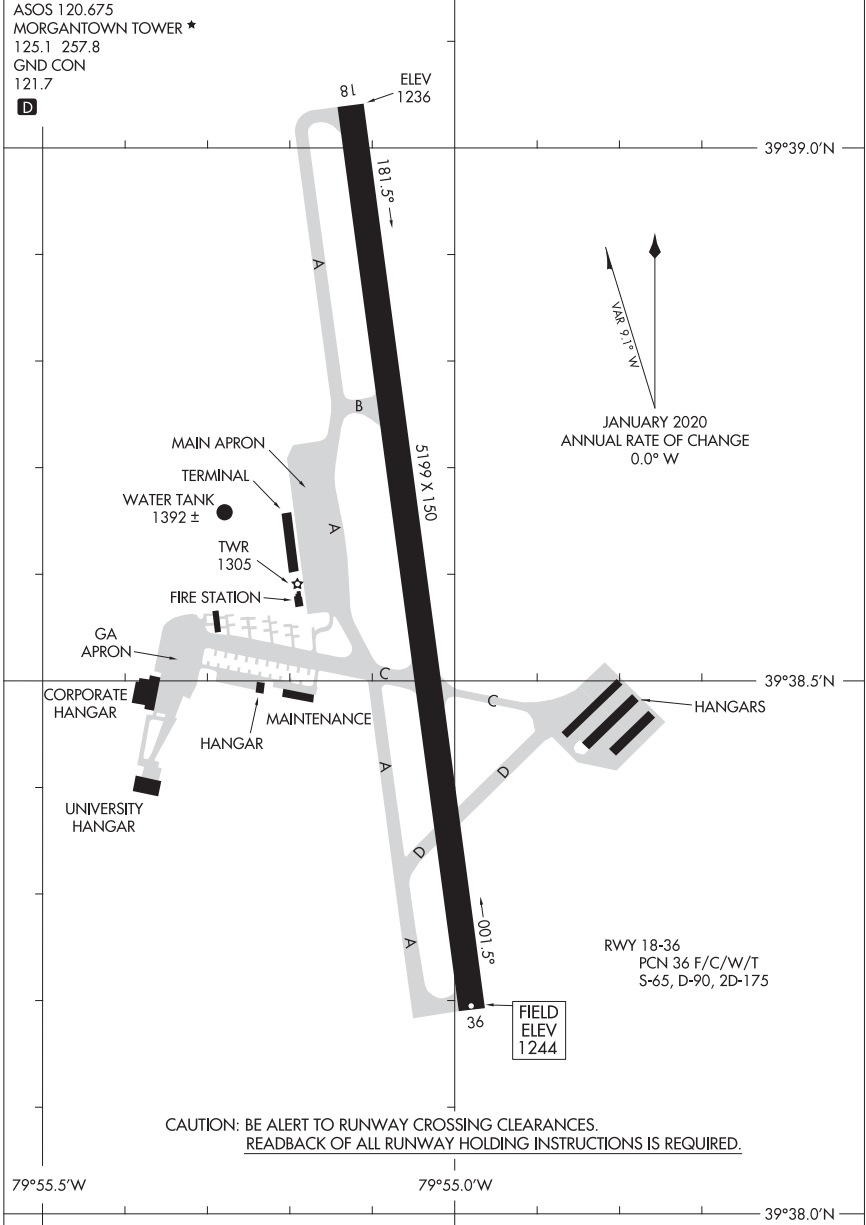
24025

MONTGOMERY, NEW YORK
ORANGE COUNTY (MGJ)

22363

AIRPORT DIAGRAM

MORGANTOWN MUNI/WALTER L BILL HART FLD (MGW)
AL-479 (FAA) MORGANTOWN, WEST VIRGINIA



AIRPORT DIAGRAM
22363

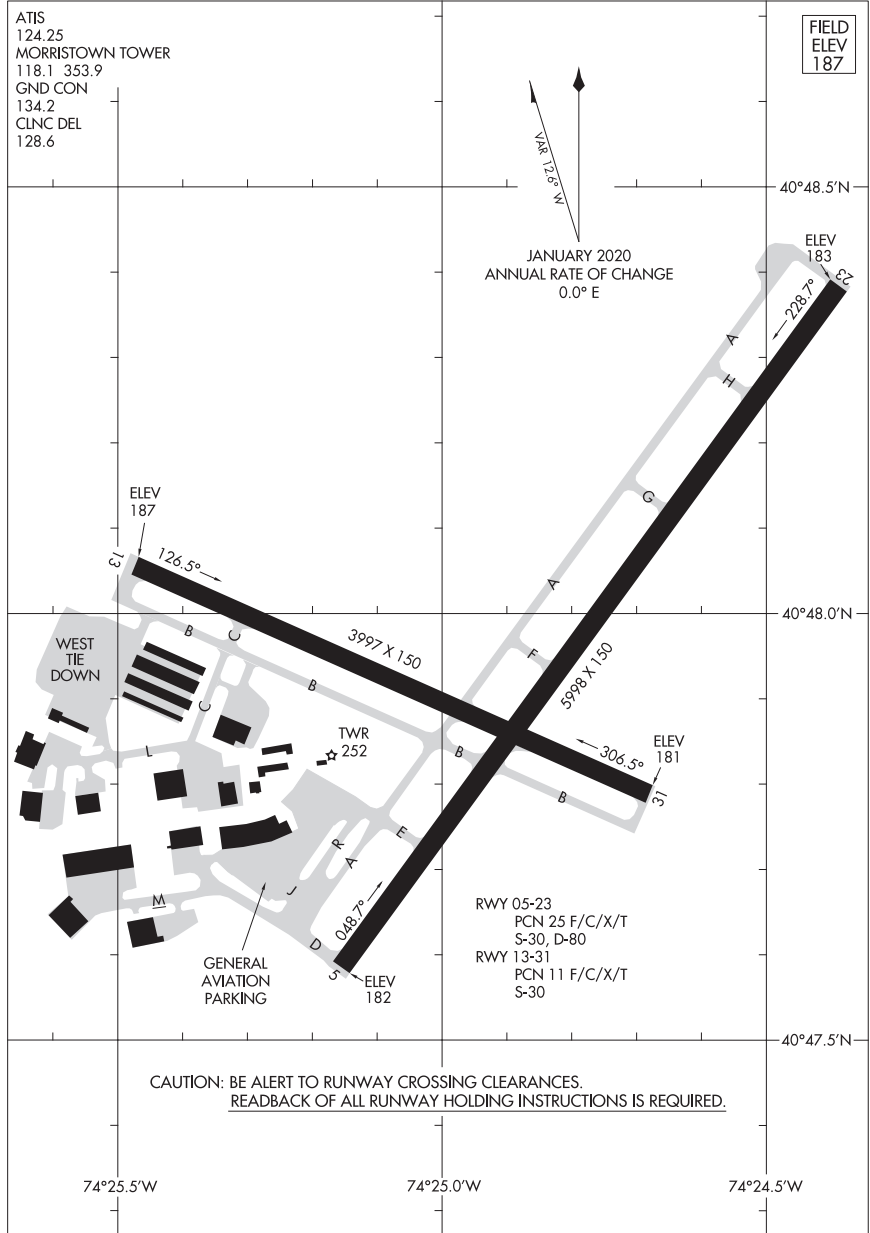
MORGANTOWN, WEST VIRGINIA
MORGANTOWN MUNI/WALTER L BILL HART FLD (MGW)

20086

AIRPORT DIAGRAM

AL-931 (FAA)

MORRISTOWN MUNI (MMU)
MORRISTOWN, NEW JERSEY



AIRPORT DIAGRAM

20086

MORRISTOWN, NEW JERSEY
MORRISTOWN MUNI (MMU)

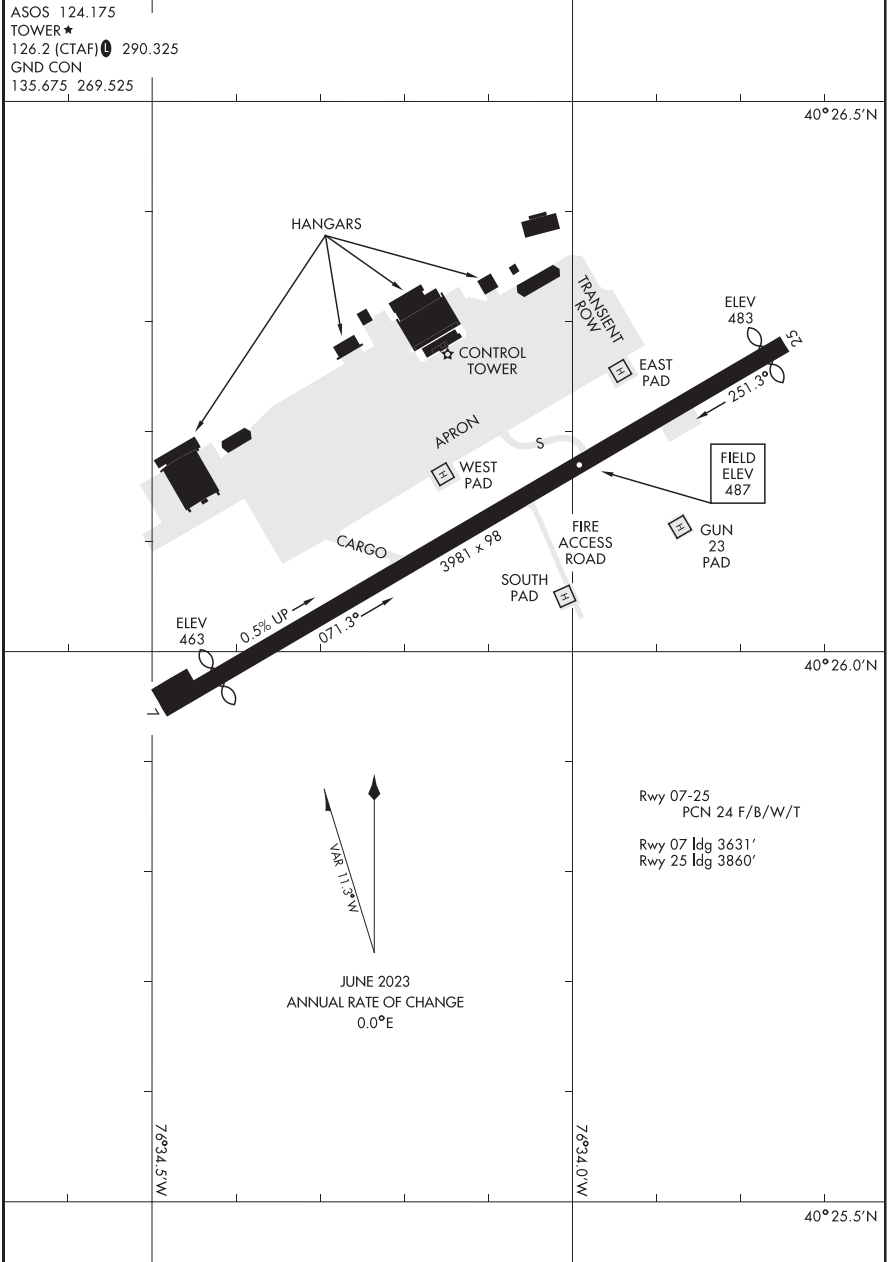
23278

MUIR AHP (KMUI)

AIRPORT DIAGRAM

AL-6422 [USA]

FORT INDIANTOWN GAP, PENNSYLVANIA



AIRPORT DIAGRAM

FORT INDIANTOWN GAP, PENNSYLVANIA

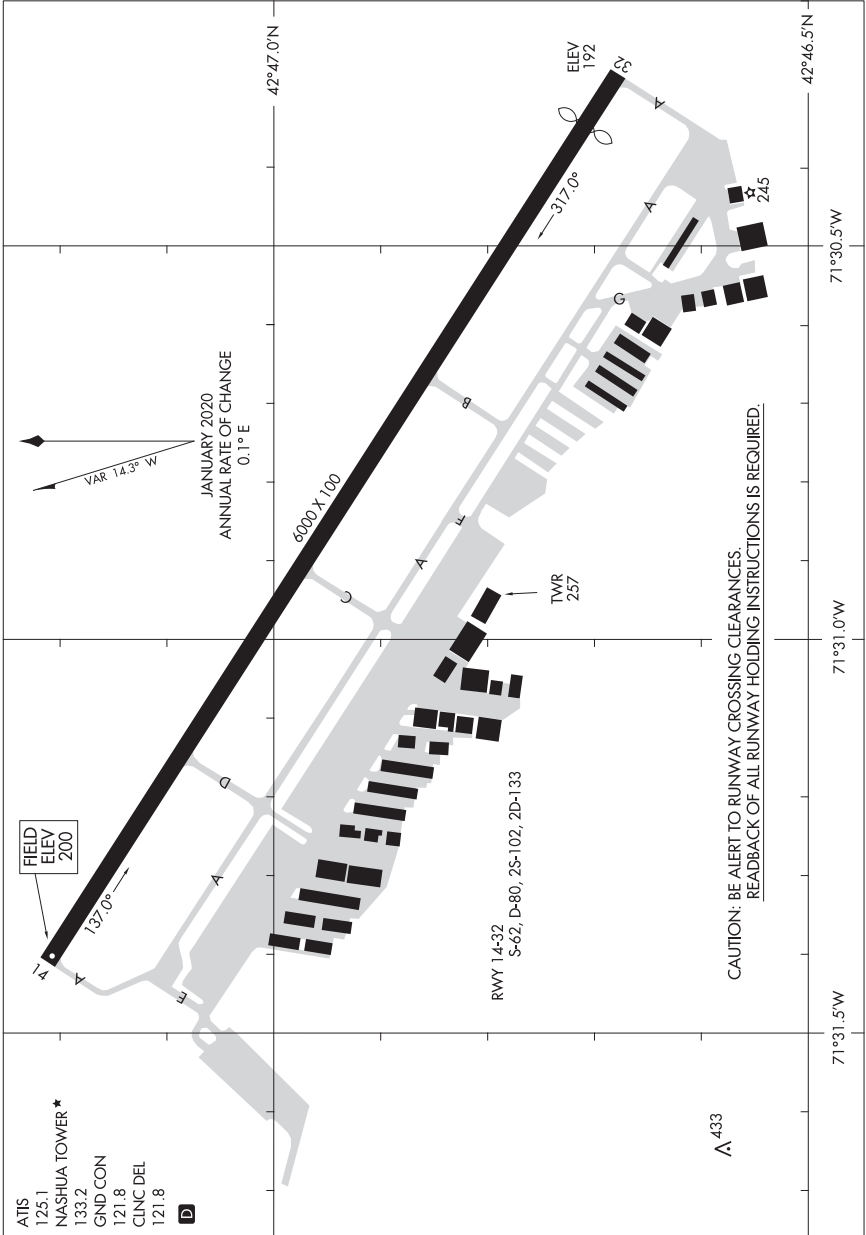
MUIR AHP (KMUI)

22139

AIRPORT DIAGRAM

AL-5036 (FAA)

BOIRE FLD (ASH)
NASHUA, NEW HAMPSHIRE



AIRPORT DIAGRAM

22139

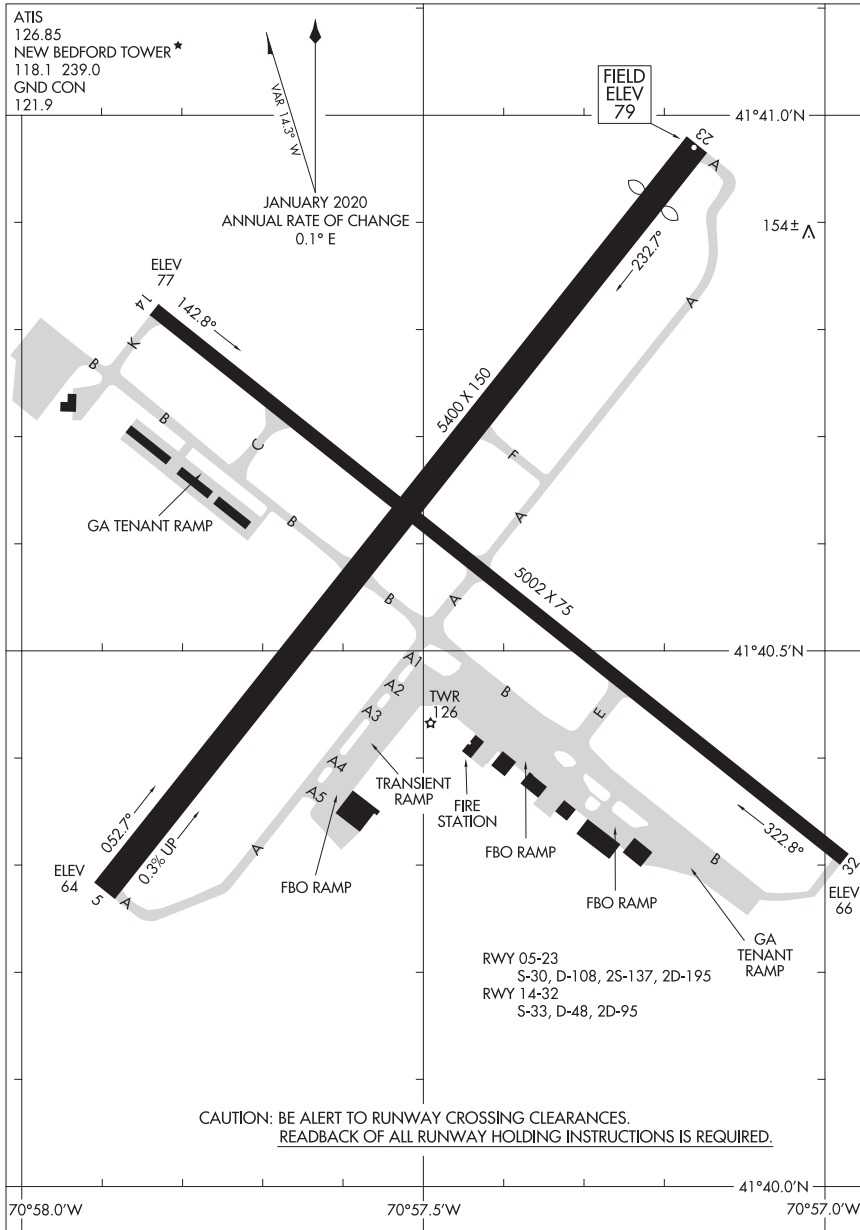
NASHUA, NEW HAMPSHIRE
BOIRE FLD (ASH)

21280

AIRPORT DIAGRAM

AL-644 (FAA)

NEW BEDFORD RGNL (EWB)
NEW BEDFORD, MASSACHUSETTS



AIRPORT DIAGRAM

21280

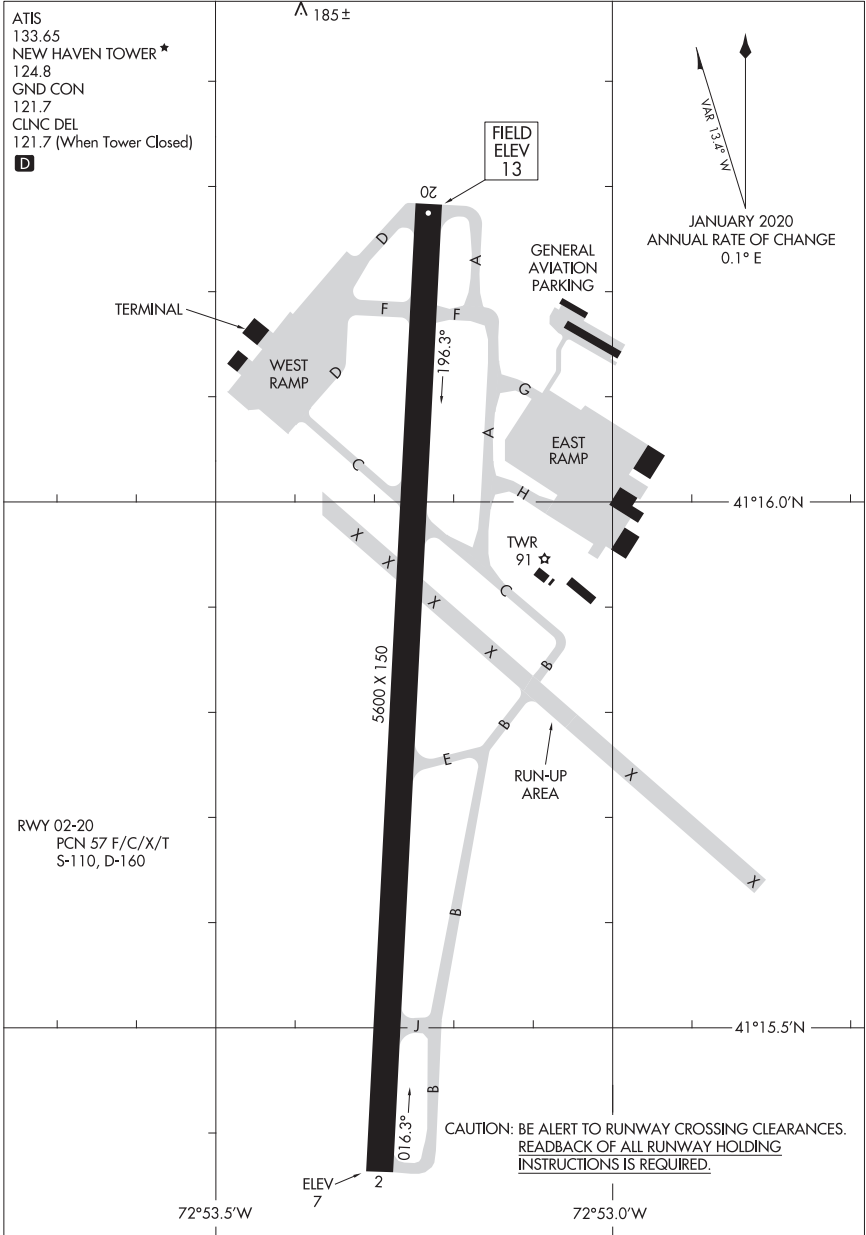
NEW BEDFORD, MASSACHUSETTS
NEW BEDFORD RGNL (EWB)

22307

AIRPORT DIAGRAM

AL-671 (FAA)

TWEED/NEW HAVEN (HVN)
NEW HAVEN, CONNECTICUT



AIRPORT DIAGRAM

22307

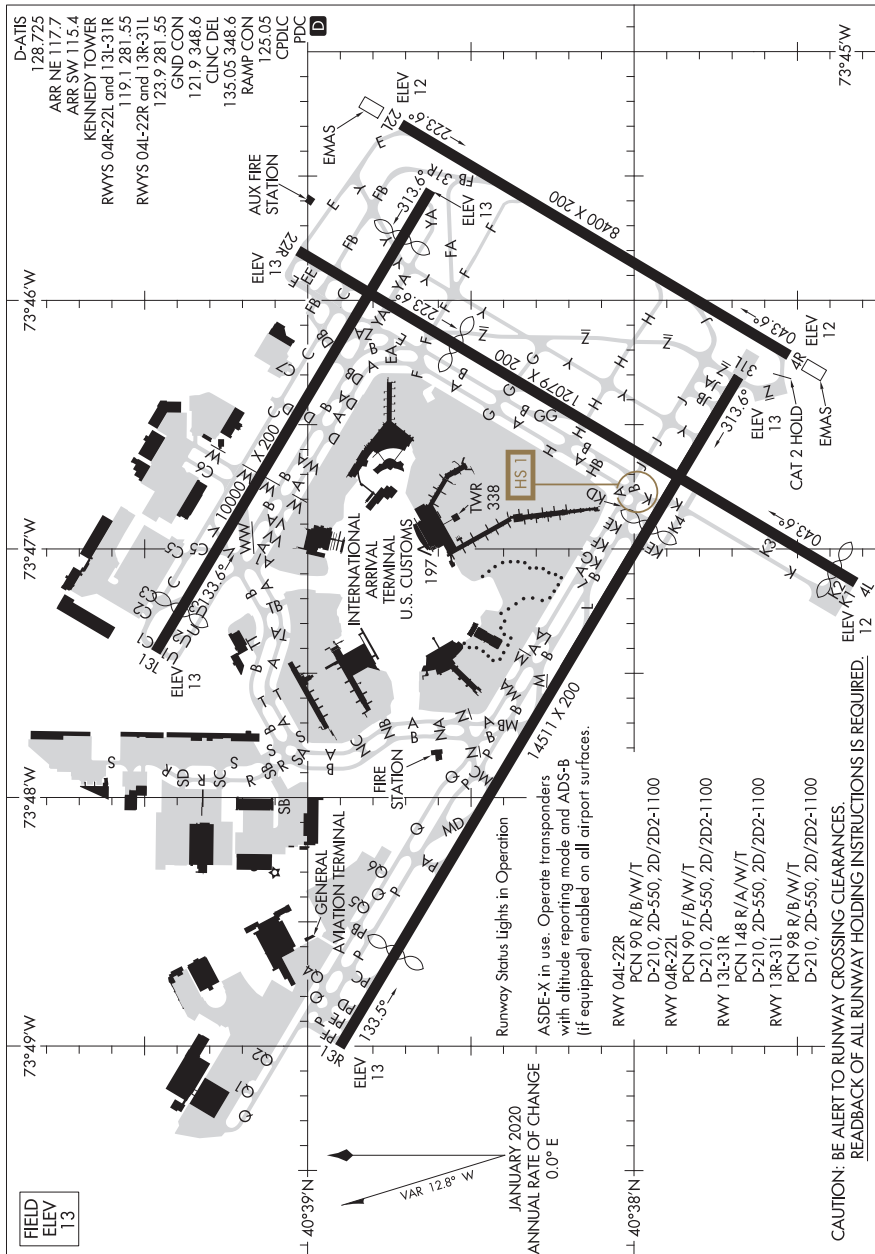
NEW HAVEN, CONNECTICUT
TWEED/NEW HAVEN (HVN)

23334

AIRPORT DIAGRAM

AL-610 (FAA)

JOHN F KENNEDY INTL (JFK)
NEW YORK, NEW YORK



AIRPORT DIAGRAM

NEW YORK, NEW YORK

23334

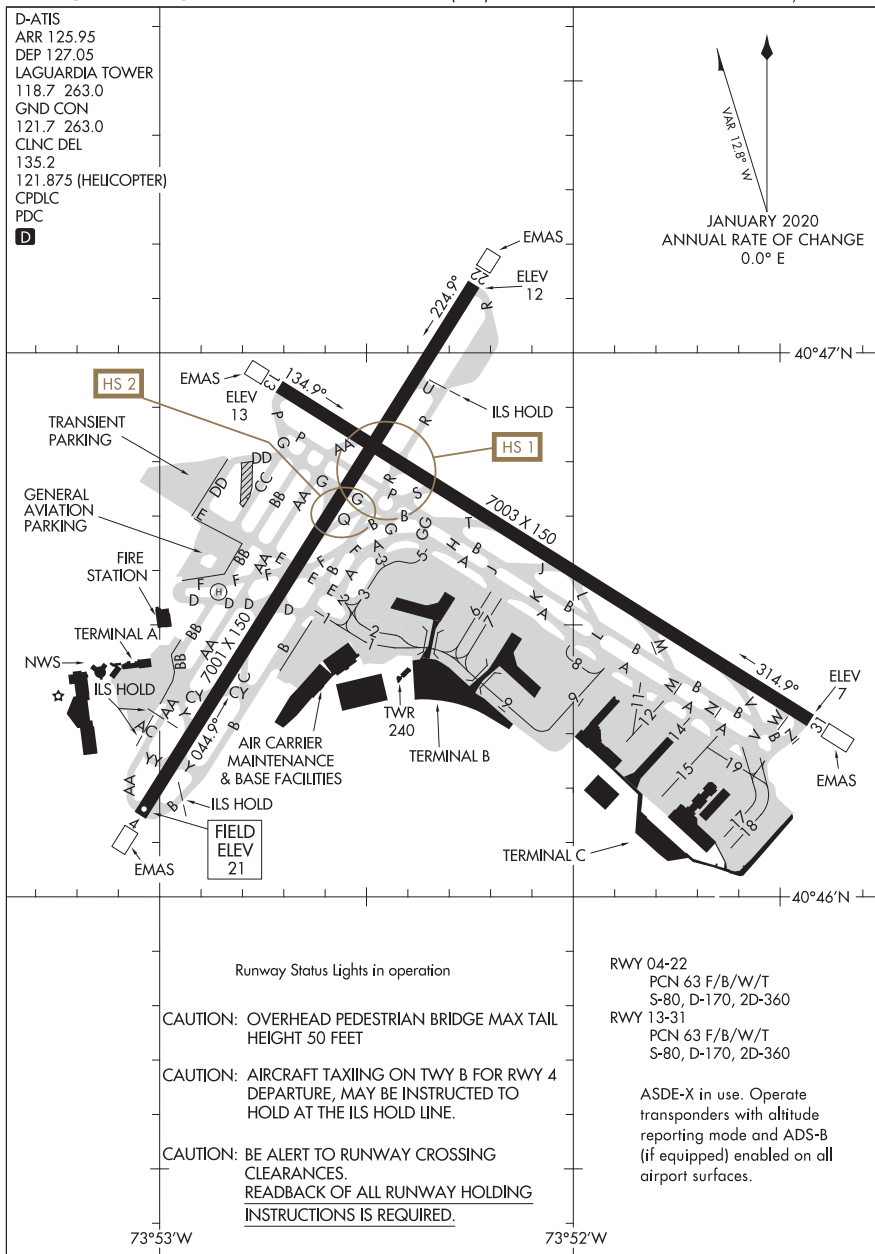
JOHN F KENNEDY INTL (JFK)

24025

AIRPORT DIAGRAM

AL-289 (FAA)

LAGUARDIA (L.G.A.)
NEW YORK, NEW YORK



AIRPORT DIAGRAM

24025

NEW YORK, NEW YORK
LAGUARDIA (L.G.A.)

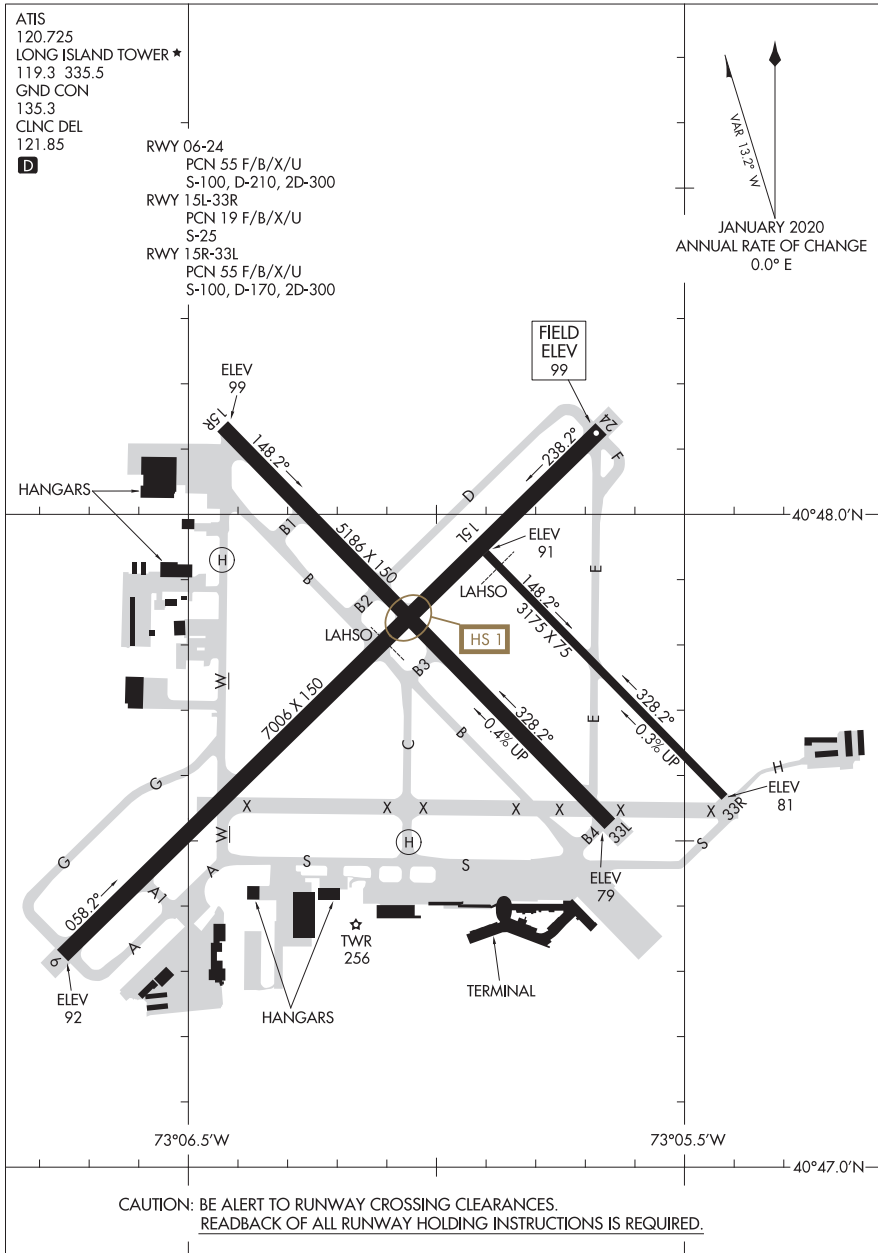
23222

AIRPORT DIAGRAM

AL-948 (FAA)

LONG ISLAND MAC ARTHUR (ISP)

NEW YORK, NEW YORK



AIRPORT DIAGRAM

23222

NEW YORK, NEW YORK

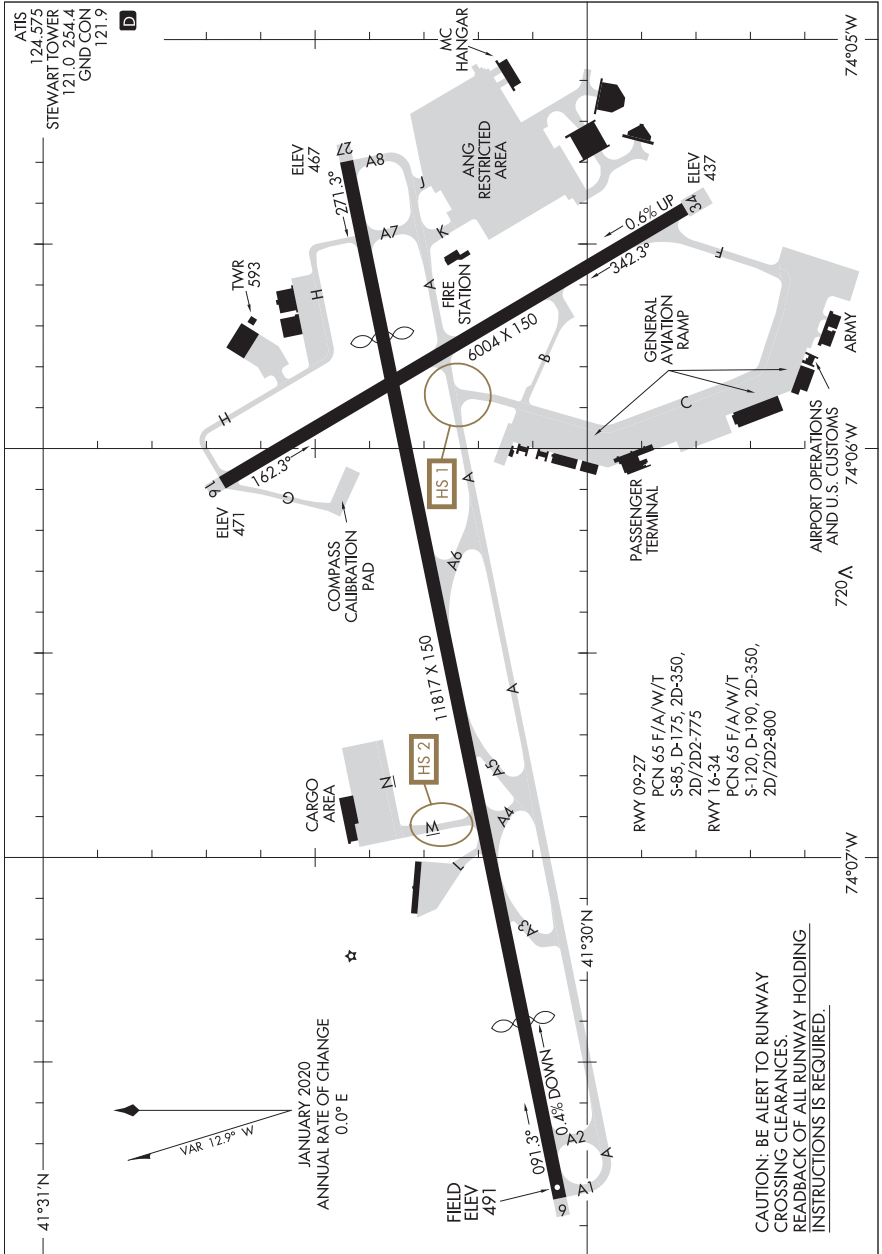
LONG ISLAND MAC ARTHUR (ISP)

22195

AIRPORT DIAGRAM

NEW YORK STEWART INTL (SWF)
NEW YORK, NEW YORK

AL-450 (FAA)



AIRPORT DIAGRAM

22195

NEW YORK, NEW YORK
NEW YORK STEWART INTL (SWF)

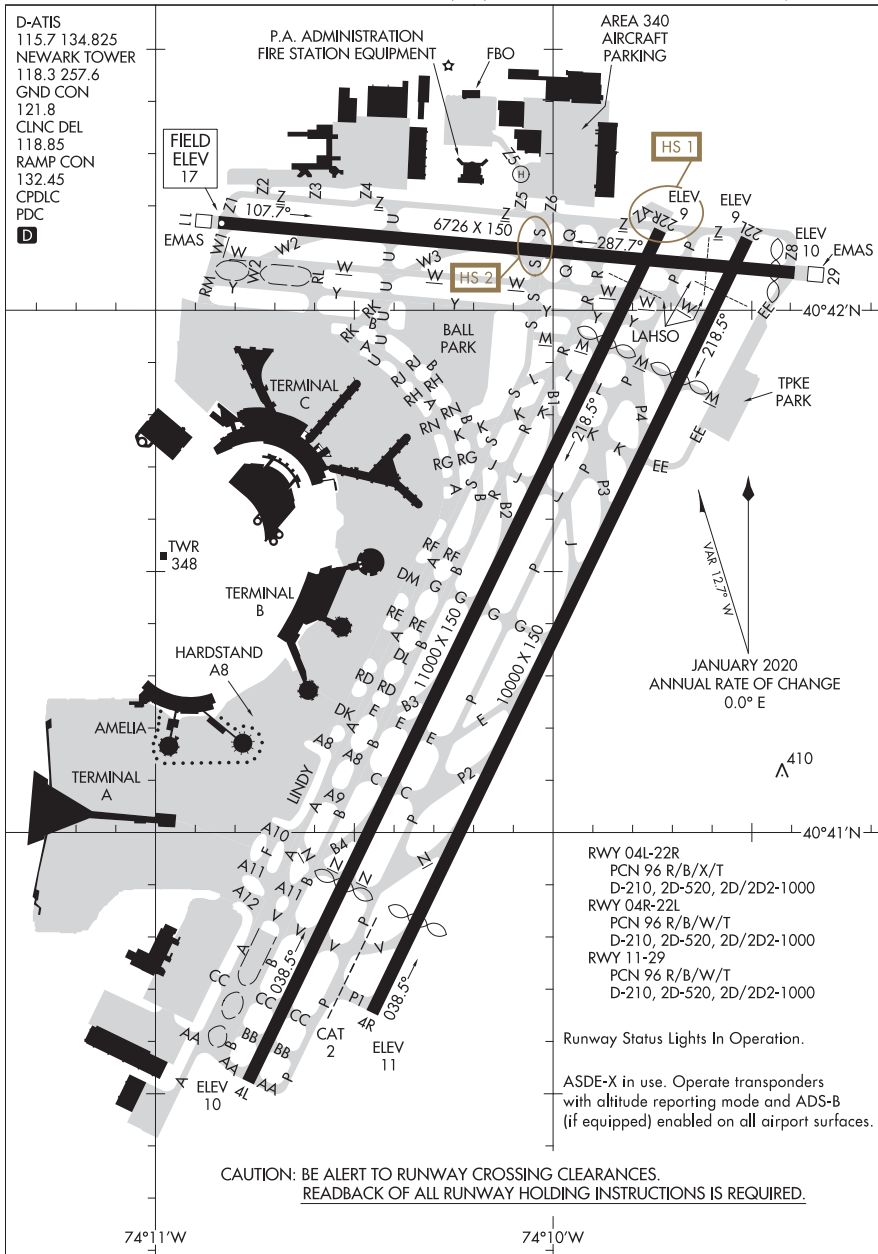
23278

AIRPORT DIAGRAM

NEWARK LIBERTY INTL (EWR)

NEWARK, NEW JERSEY

AL-285 (FAA)



RWY 04L-22R
PCN 96 R/B/X/T
D-210, 2D-520, 2D/2D2-1000

RWY 04R-22L
PCN 96 R/B/W/T
D-210, 2D-520, 2D/2D2-1000

RWY 11-29
PCN 96 R/B/W/T
D-210, 2D-520, 2D/2D2-1000

Runway Status Lights In Operation.

ASDE-X in use. Operate transponders with altitude reporting mode and ADS-B (if equipped) enabled on all airport surfaces.

CAUTION: BE ALERT TO RUNWAY CROSSING CLEARANCES.
READBACK OF ALL RUNWAY HOLDING INSTRUCTIONS IS REQUIRED.

AIRPORT DIAGRAM

NEWARK, NEW JERSEY

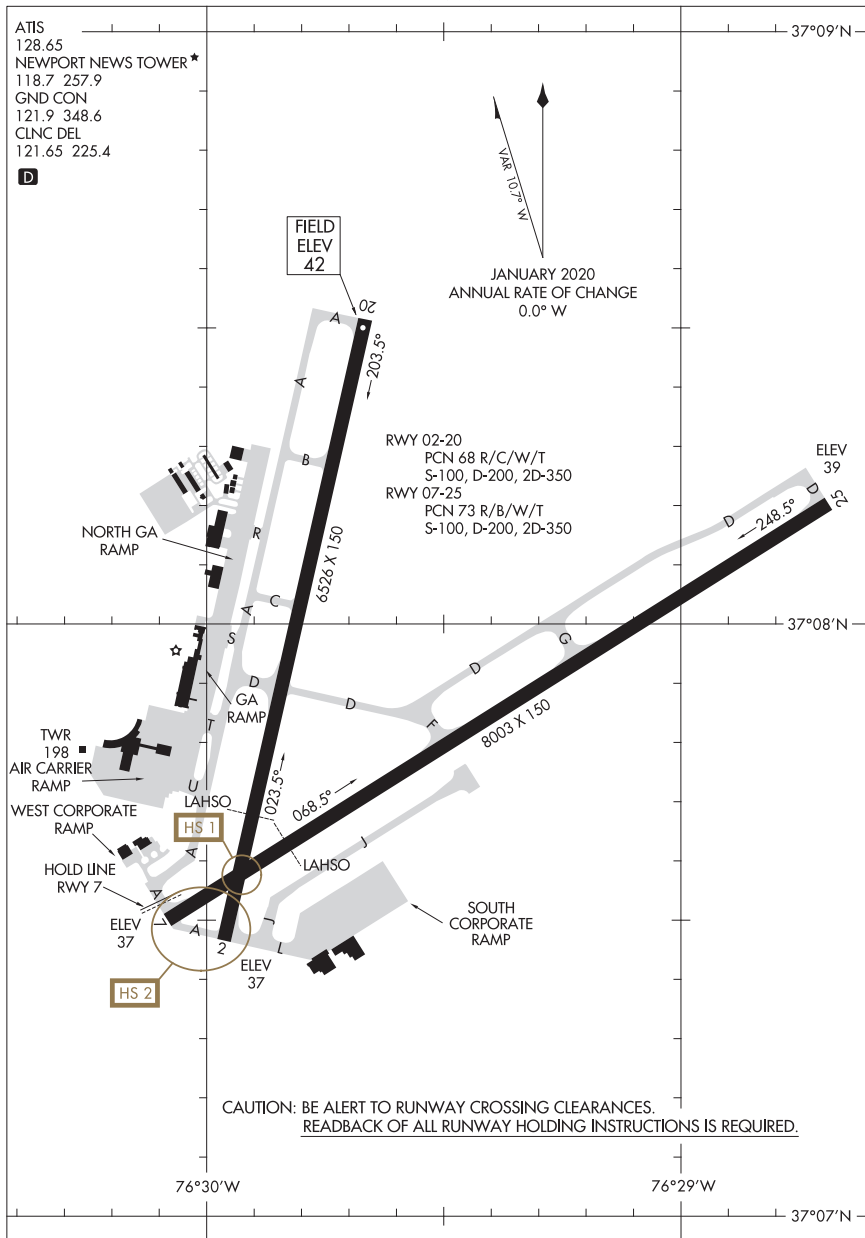
NEWARK LIBERTY INTL (EWR)

23278

23222

AIRPORT DIAGRAM

NEWPORT NEWS/WILLIAMSBURG INTL (PHF)
AL-957 (FAA) NEWPORT NEWS, VIRGINIA



AIRPORT DIAGRAM

23222

NEWPORT NEWS, VIRGINIA
NEWPORT NEWS/WILLIAMSBURG INTL (PHF)

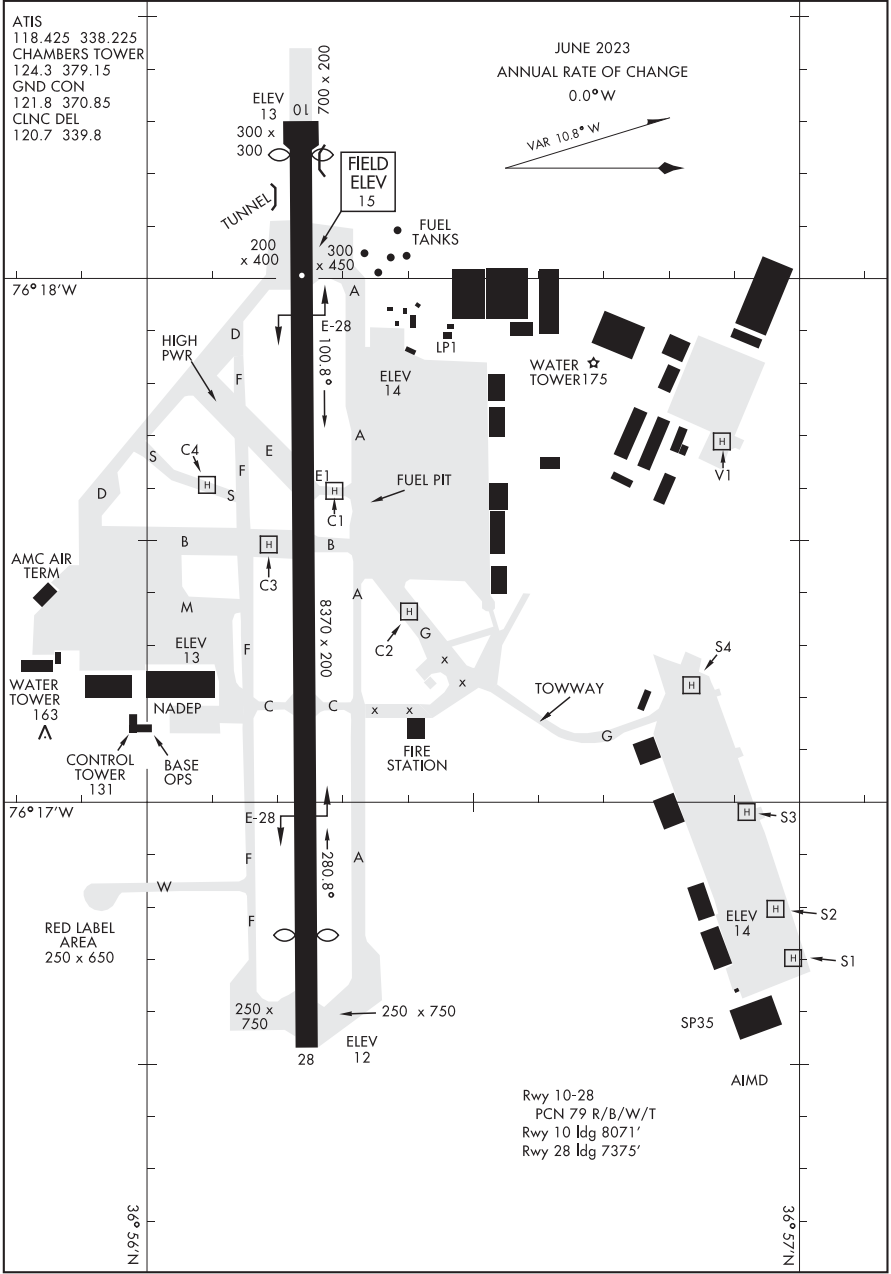
23166

NORFOLK NS (CHAMBERS FIELD) (KNGU)

AIRPORT DIAGRAM

AL-290 [USN]

NORFOLK, VIRGINIA



AIRPORT DIAGRAM

NORFOLK, VIRGINIA
NORFOLK NS (CHAMBERS FIELD) (KNGU)

24025

AIRPORT DIAGRAM

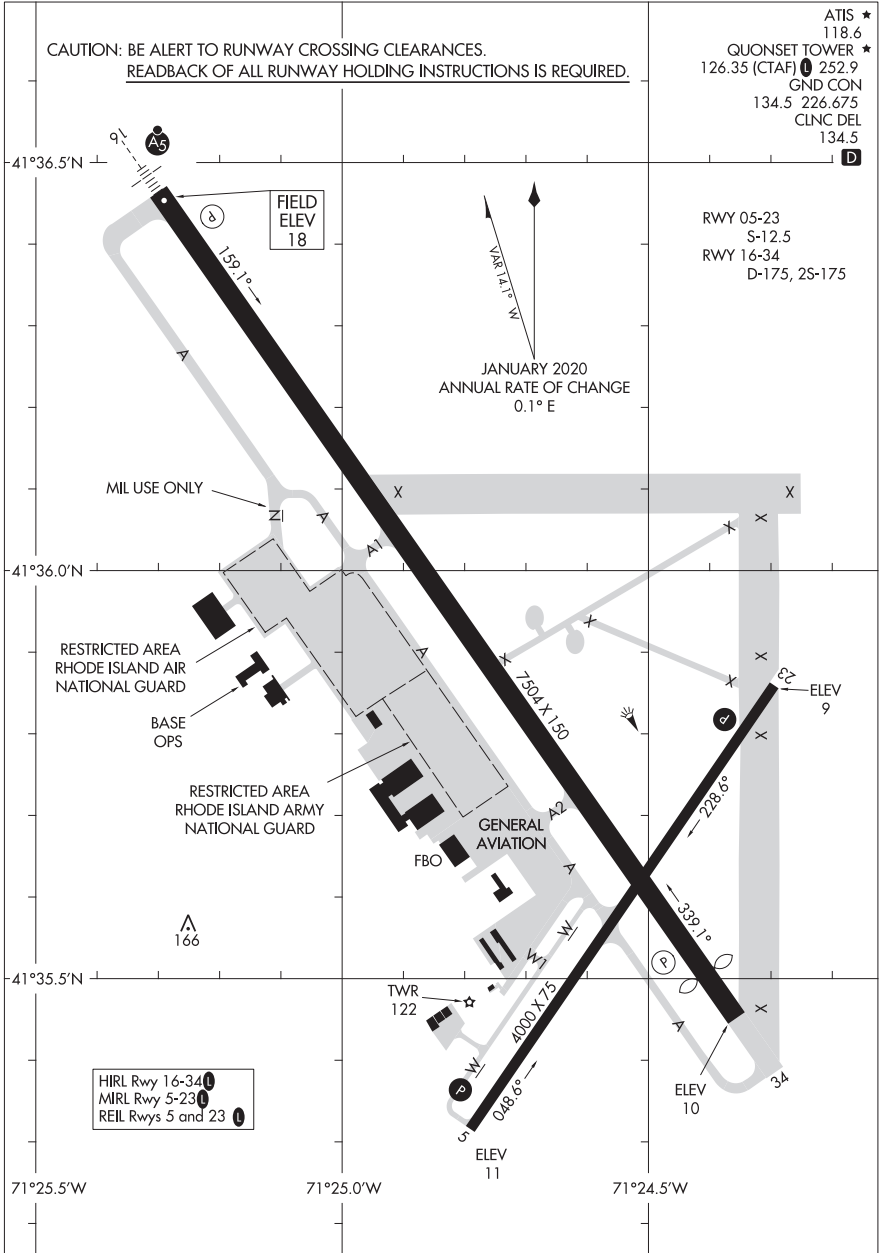
AL-338 (FAA)

QUONSET STATE (OQU)
NORTH KINGSTOWN, RHODE ISLAND

CAUTION: BE ALERT TO RUNWAY CROSSING CLEARANCES.
READBACK OF ALL RUNWAY HOLDING INSTRUCTIONS IS REQUIRED.

ATIS ★
118.6
QUONSET TOWER ★
126.35 (CTAF) 252.9
GND CON
134.5 226.675
CLNC DEL
134.5

RWY 05-23
S-12.5
RWY 16-34
D-175, 2S-175



AIRPORT DIAGRAM

24025

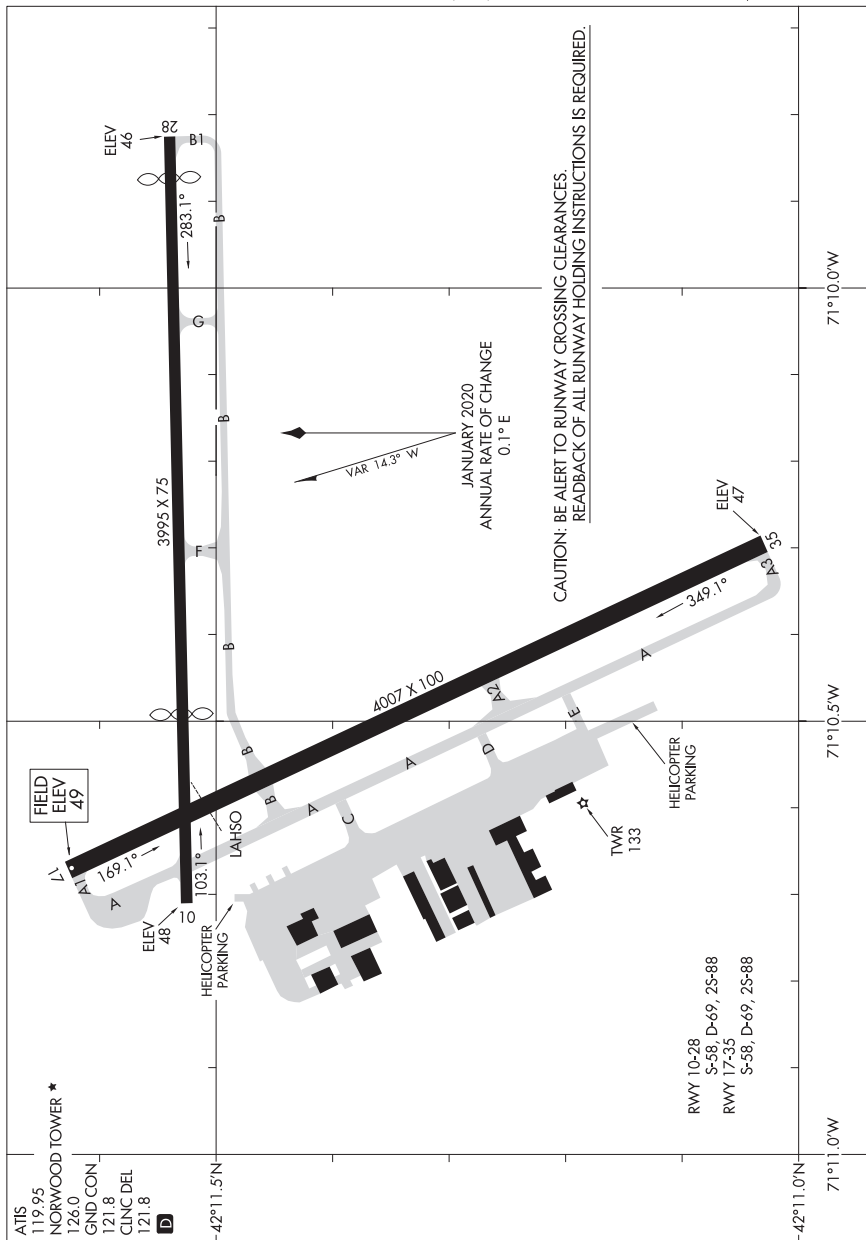
NORTH KINGSTOWN, RHODE ISLAND
QUONSET STATE (OQU)

23334

AIRPORT DIAGRAM

AL-725 (FAA)

NORWOOD MEML (OWD)
NORWOOD, MASSACHUSETTS



AIRPORT DIAGRAM

NORWOOD, MASSACHUSETTS
NORWOOD MEML (OWD)

23334

21224

AIRPORT DIAGRAM

AL-5207 (FAA)

OGDENSBURG INTL (OGS)

OGDENSBURG, NEW YORK

AWOS-3
118.525
CTAF/UNICOM
122.8



75°28'W

75°27'W

JANUARY 2020
ANNUAL RATE OF CHANGE
0.1° E

FIELD
ELEV
302

PASSENGER
TERMINAL

ELEV
286

FBO

9

81

82

83

84

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380

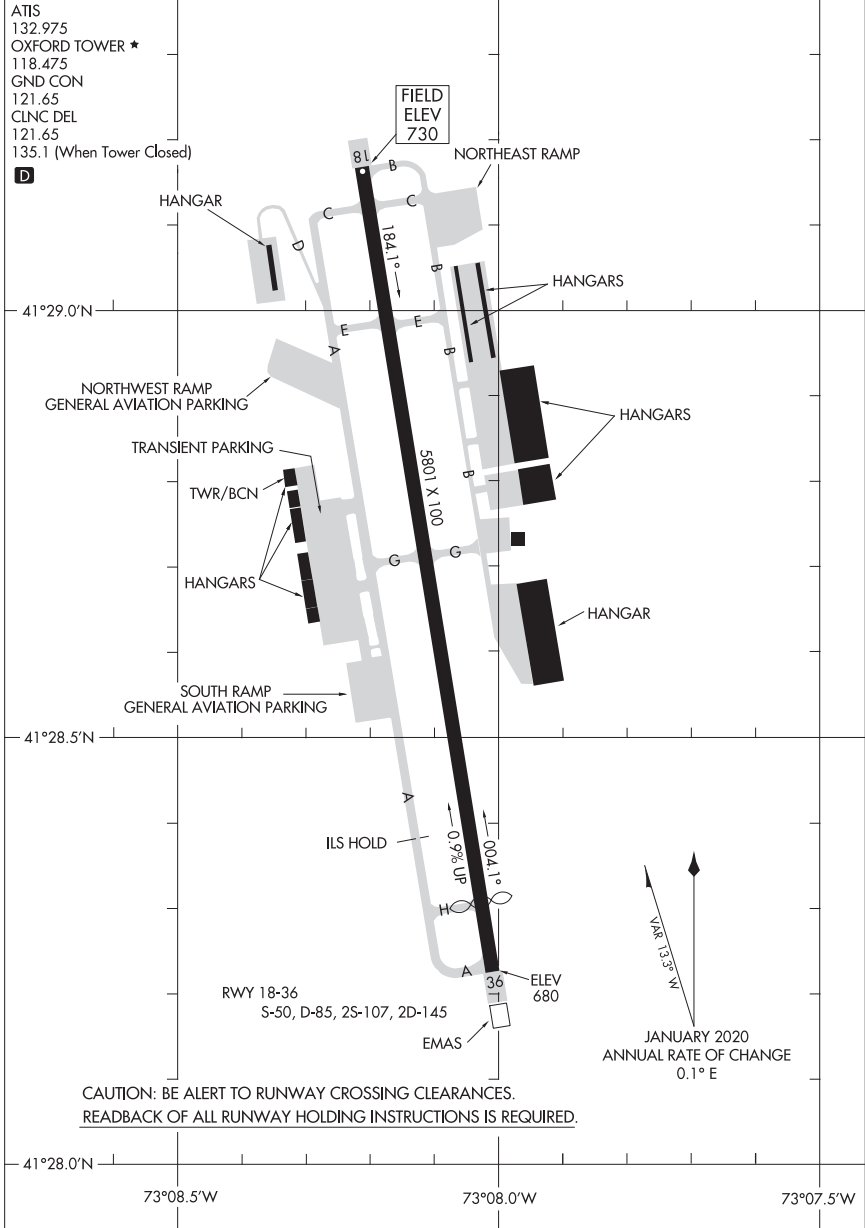
381

20086

AIRPORT DIAGRAM

AL-5785 (FAA)

WATERBURY-OXFORD (OXC)
OXFORD, CONNECTICUT



AIRPORT DIAGRAM

20086

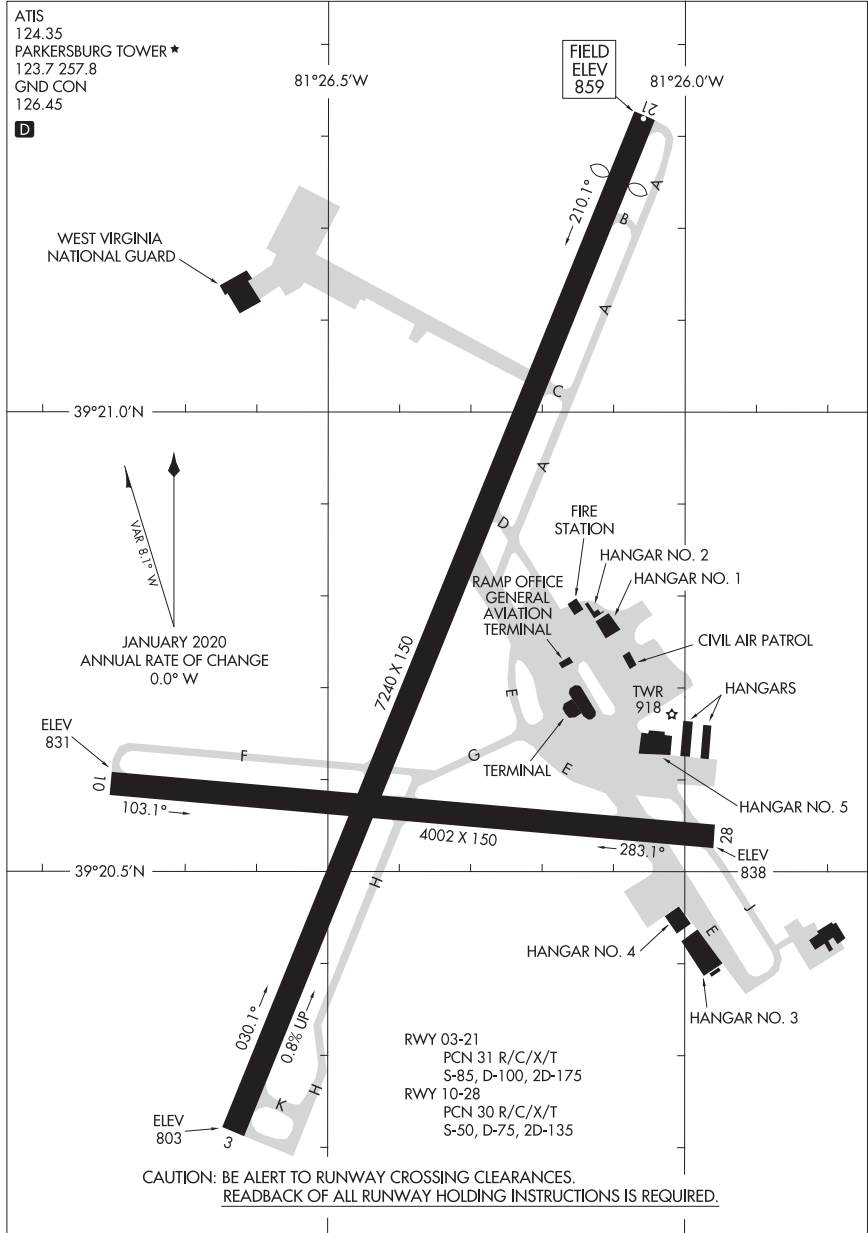
OXFORD, CONNECTICUT
WATERBURY-OXFORD (OXC)

23110

AIRPORT DIAGRAM

AL-646 (FAA)

MID-OHIO VALLEY RGNL (PKB)
PARKERSBURG, WEST VIRGINIA



AIRPORT DIAGRAM

23110

PARKERSBURG, WEST VIRGINIA
MID-OHIO VALLEY RGNL (PKB)

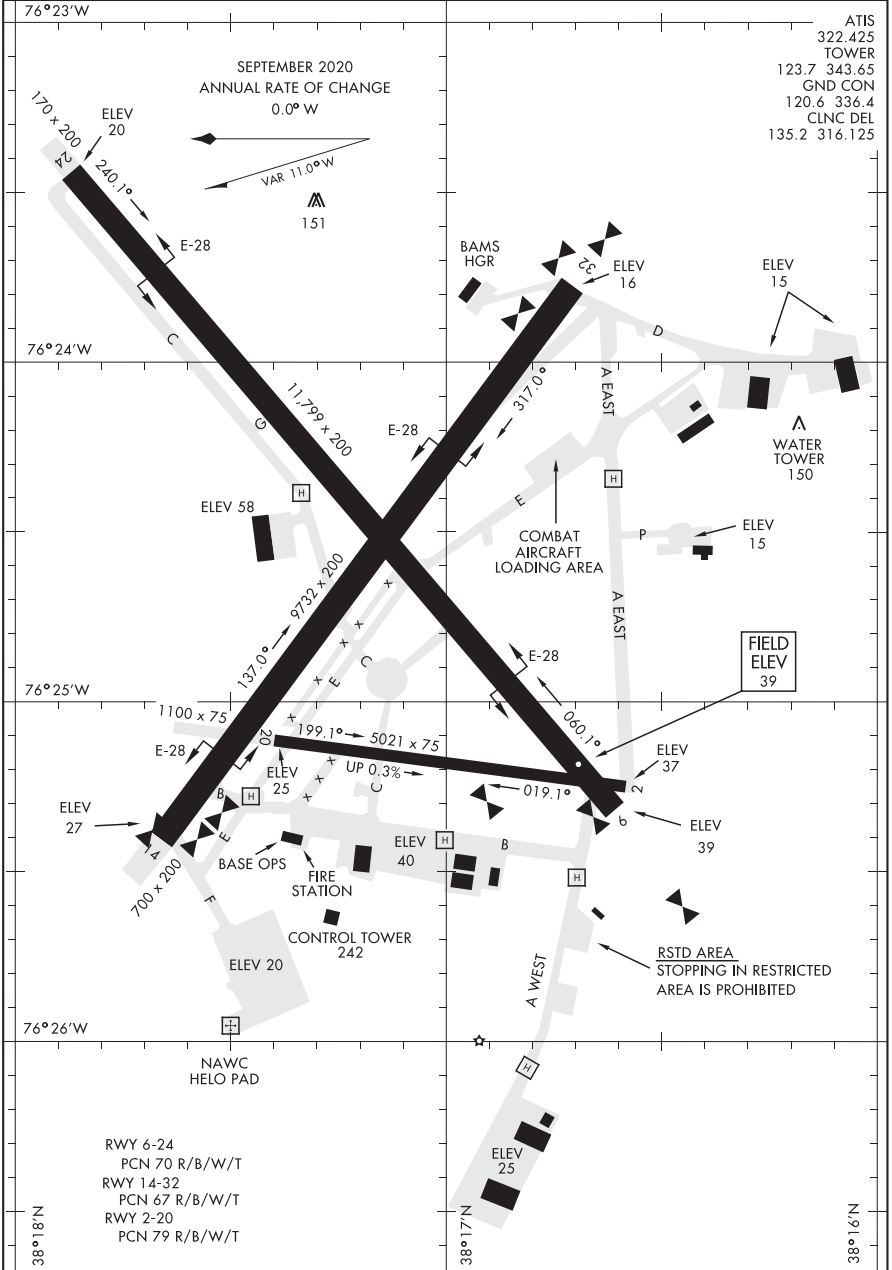
24025

PATUXENT RIVER NAS (TRAPNELL FIELD) (KNHK)

AIRPORT DIAGRAM

[USN]

PATUXENT RIVER, MARYLAND



AIRPORT DIAGRAM

PATUXENT RIVER, MARYLAND
PATUXENT RIVER NAS (TRAPNELL FIELD) (KNHK)

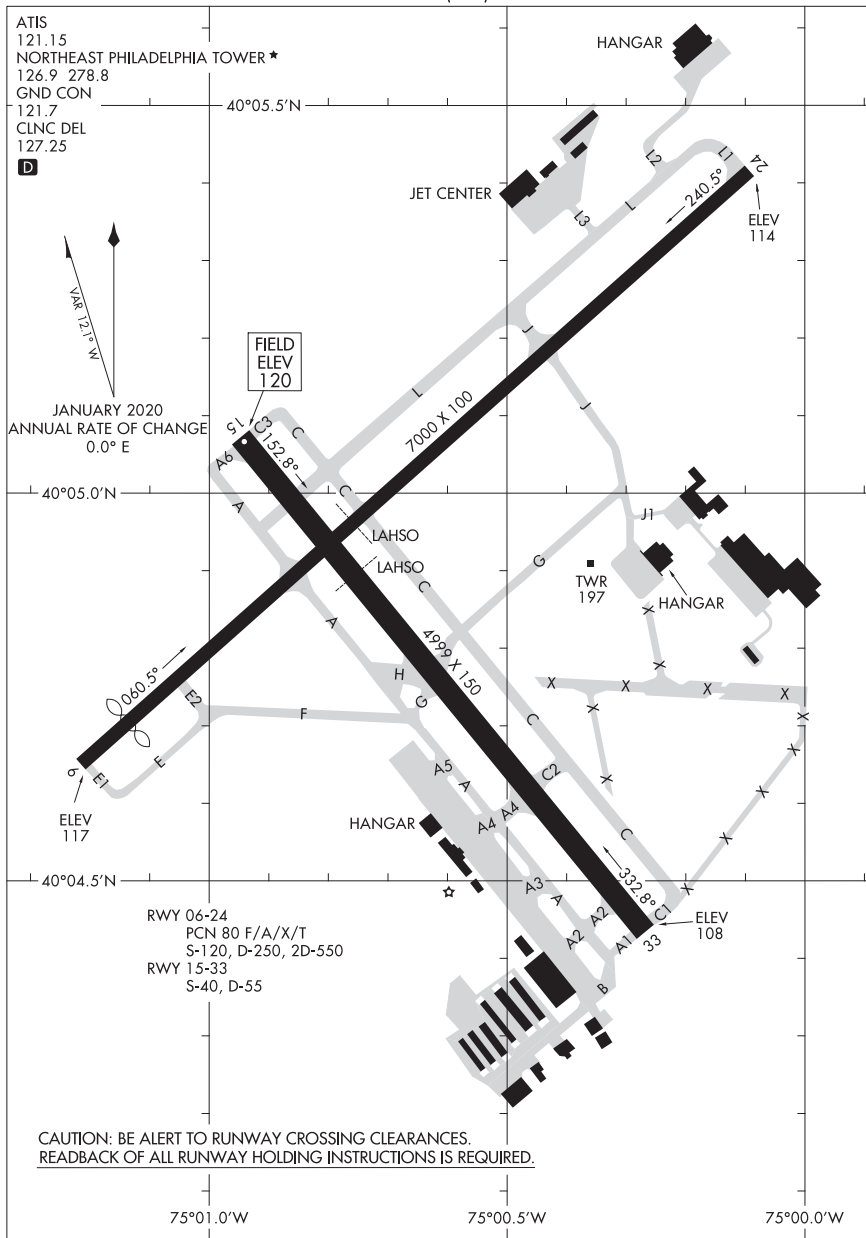
23110

AIRPORT DIAGRAM

AL-528 (FAA)

NORTHEAST PHILADELPHIA (PNE)

PHILADELPHIA, PENNSYLVANIA



AIRPORT DIAGRAM

23110

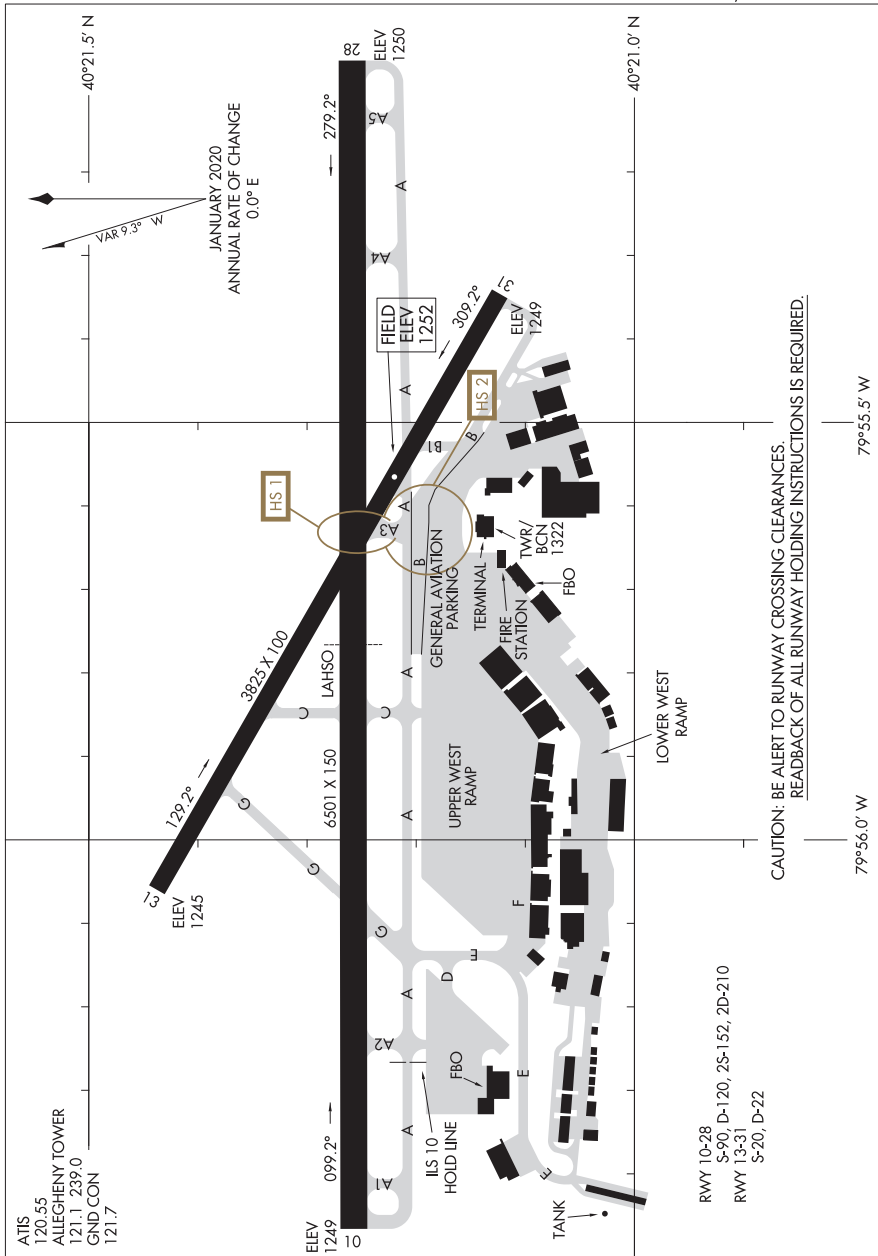
PHILADELPHIA, PENNSYLVANIA
NORTHEAST PHILADELPHIA (PNE)

23110

AIRPORT DIAGRAM

AL-326 (FAA)

ALLEGHENY COUNTY (AGC)
PITTSBURGH, PENNSYLVANIA



40°21.5' N
 VAR 9.3° W
 JANUARY 2020
 ANNUAL RATE OF CHANGE
 0.0° E

CAUTION: BE ALERT TO RUNWAY CROSSING CLEARANCES.
 READBCK OF ALL RUNWAY HOLDING INSTRUCTIONS IS REQUIRED.

AIRPORT DIAGRAM

23110

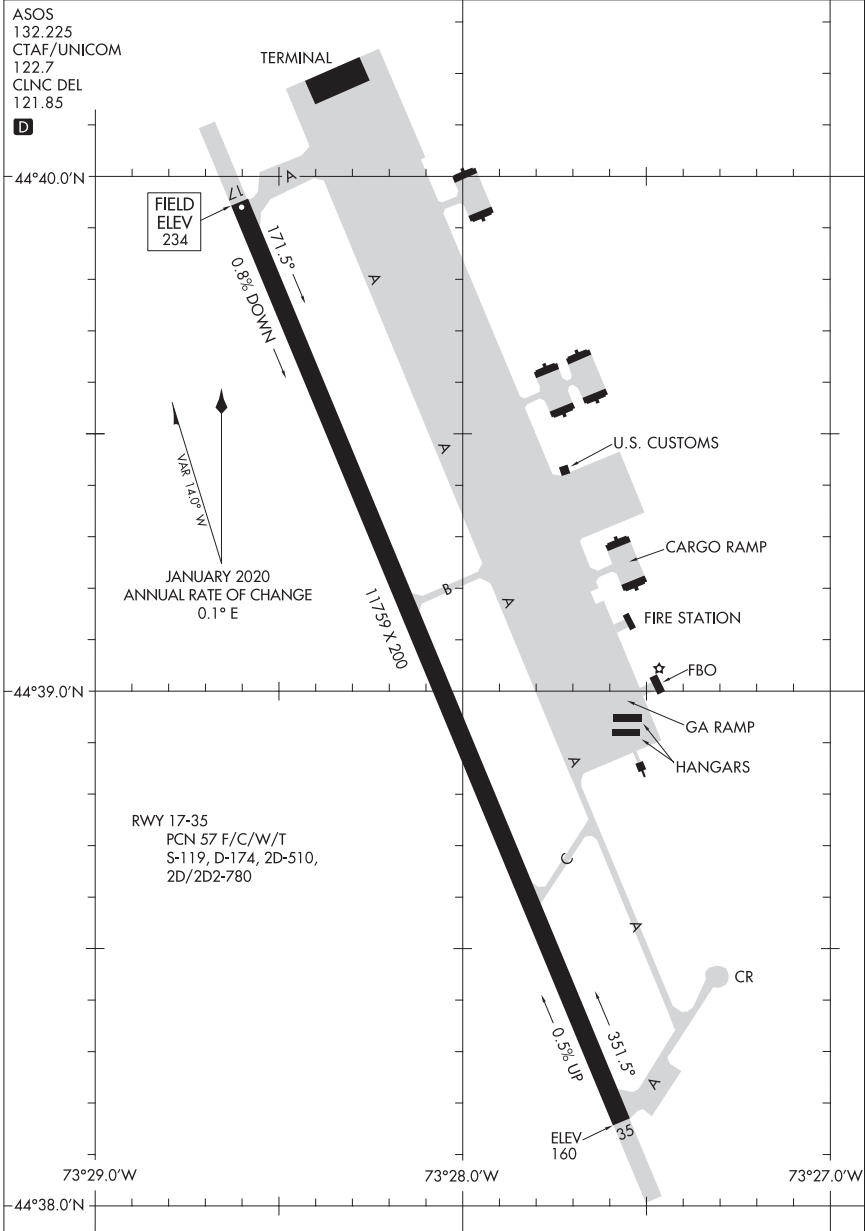
PITTSBURGH, PENNSYLVANIA
ALLEGHENY COUNTY (AGC)

22139

AIRPORT DIAGRAM

AL-729 (FAA)

PLATTSBURGH INTL (PBG)
PLATTSBURGH, NEW YORK



AIRPORT DIAGRAM

22139

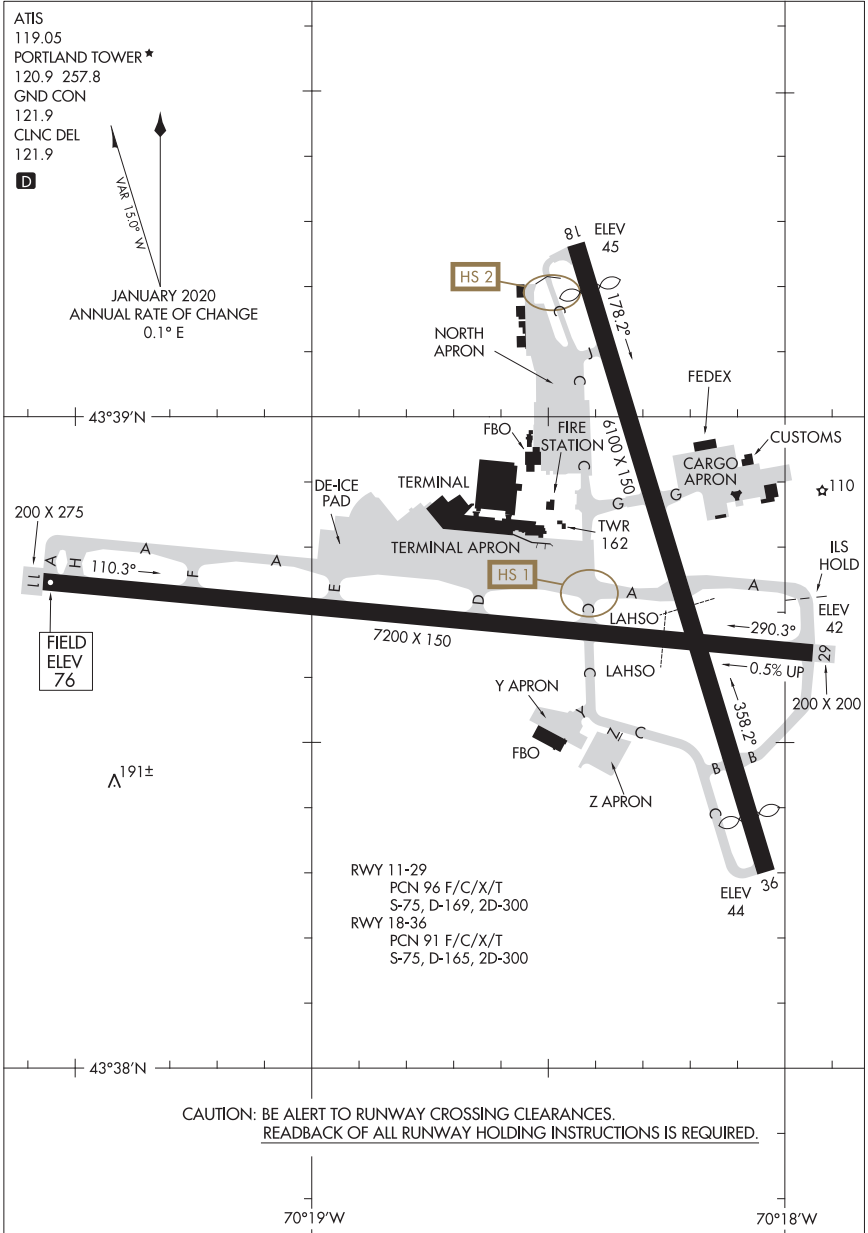
PLATTSBURGH, NEW YORK
PLATTSBURGH INTL (PBG)

22083

AIRPORT DIAGRAM

AL-329 (FAA)

PORTLAND INTL JETPORT (PWM)
PORTLAND, MAINE



AIRPORT DIAGRAM

22083

PORTLAND, MAINE
PORTLAND INTL JETPORT (PWM)

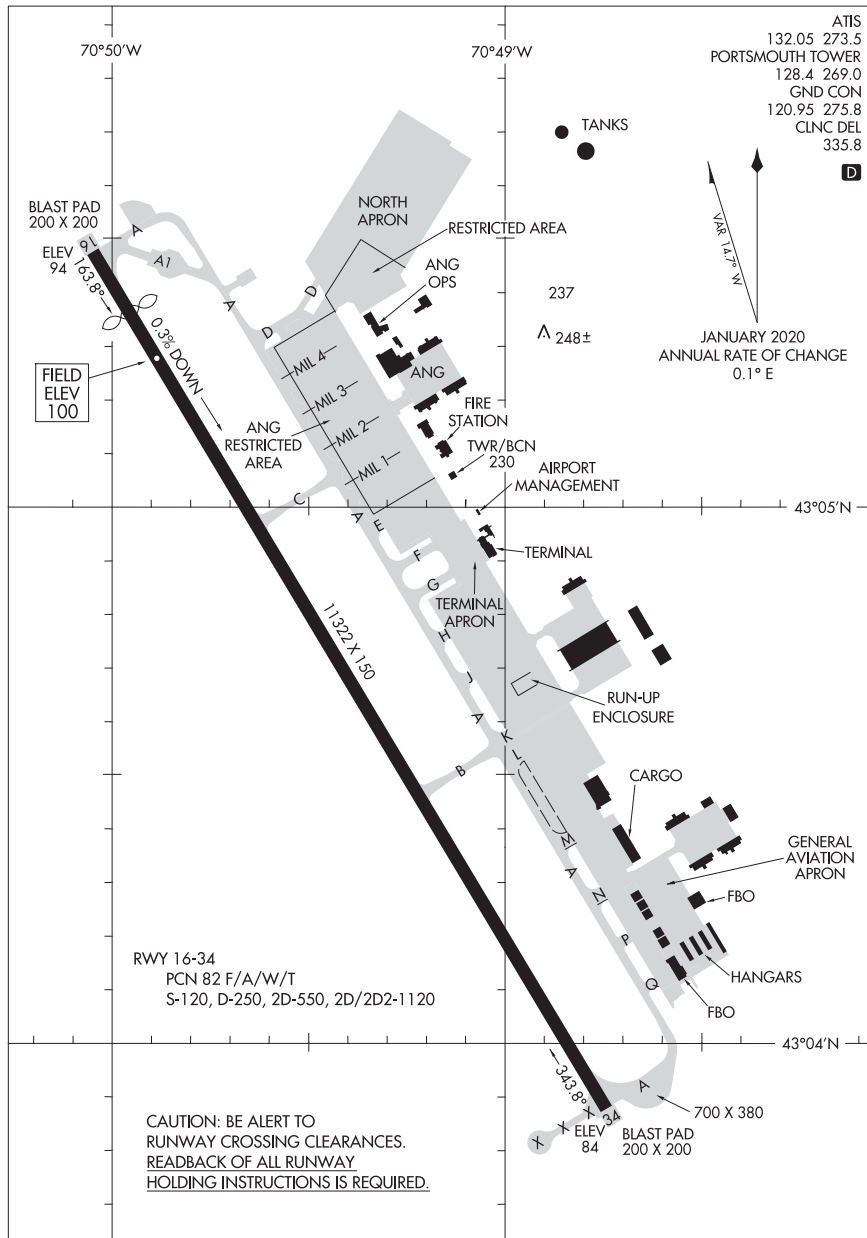
21336

AIRPORT DIAGRAM

AL-678 (FAA)

PORTSMOUTH INTL AT PEASE (PSM)

PORTSMOUTH, NEW HAMPSHIRE



AIRPORT DIAGRAM

21336

PORTSMOUTH, NEW HAMPSHIRE

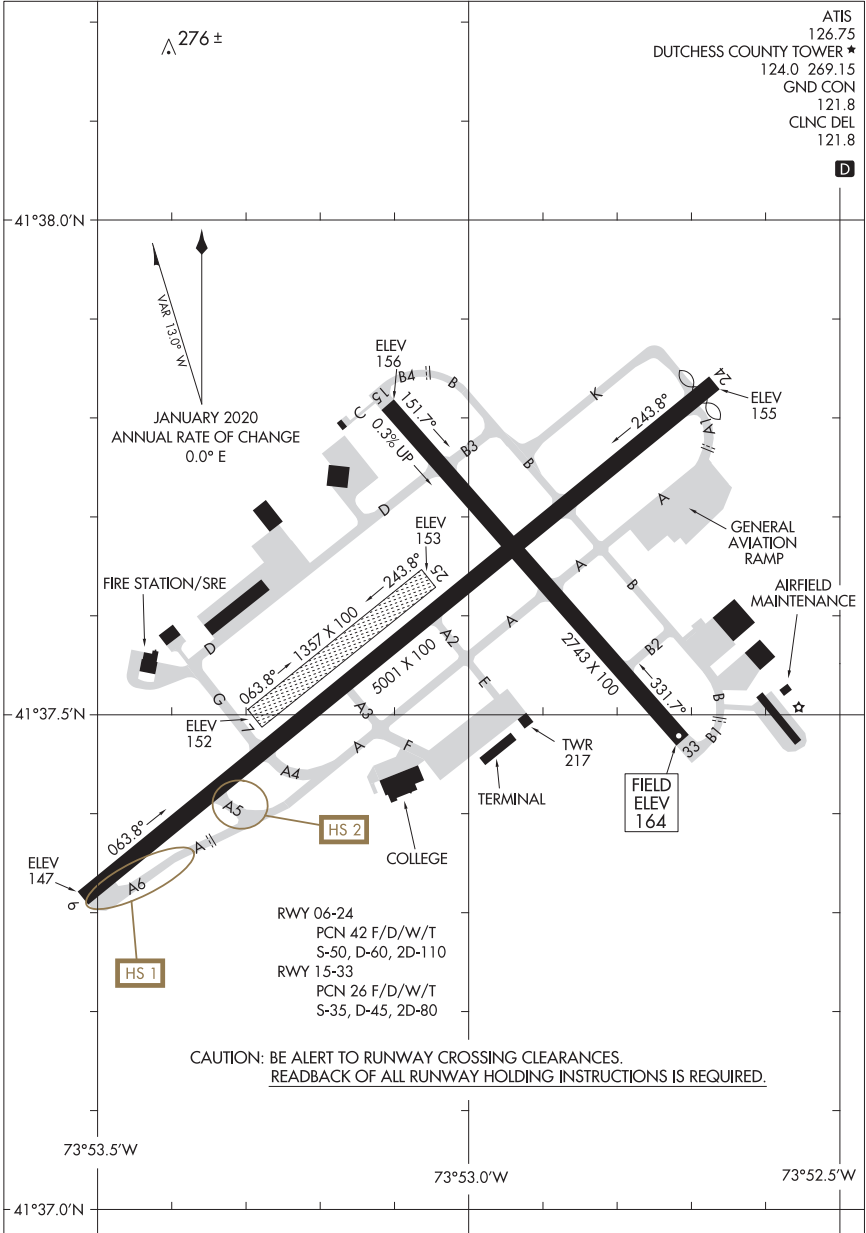
PORTSMOUTH INTL AT PEASE (PSM)

22307

AIRPORT DIAGRAM

AL-286 (FAA)

HUDSON VALLEY RGNL (POU)
POUGHKEEPSIE, NEW YORK



AIRPORT DIAGRAM

22307

POUGHKEEPSIE, NEW YORK
HUDSON VALLEY RGNL (POU)

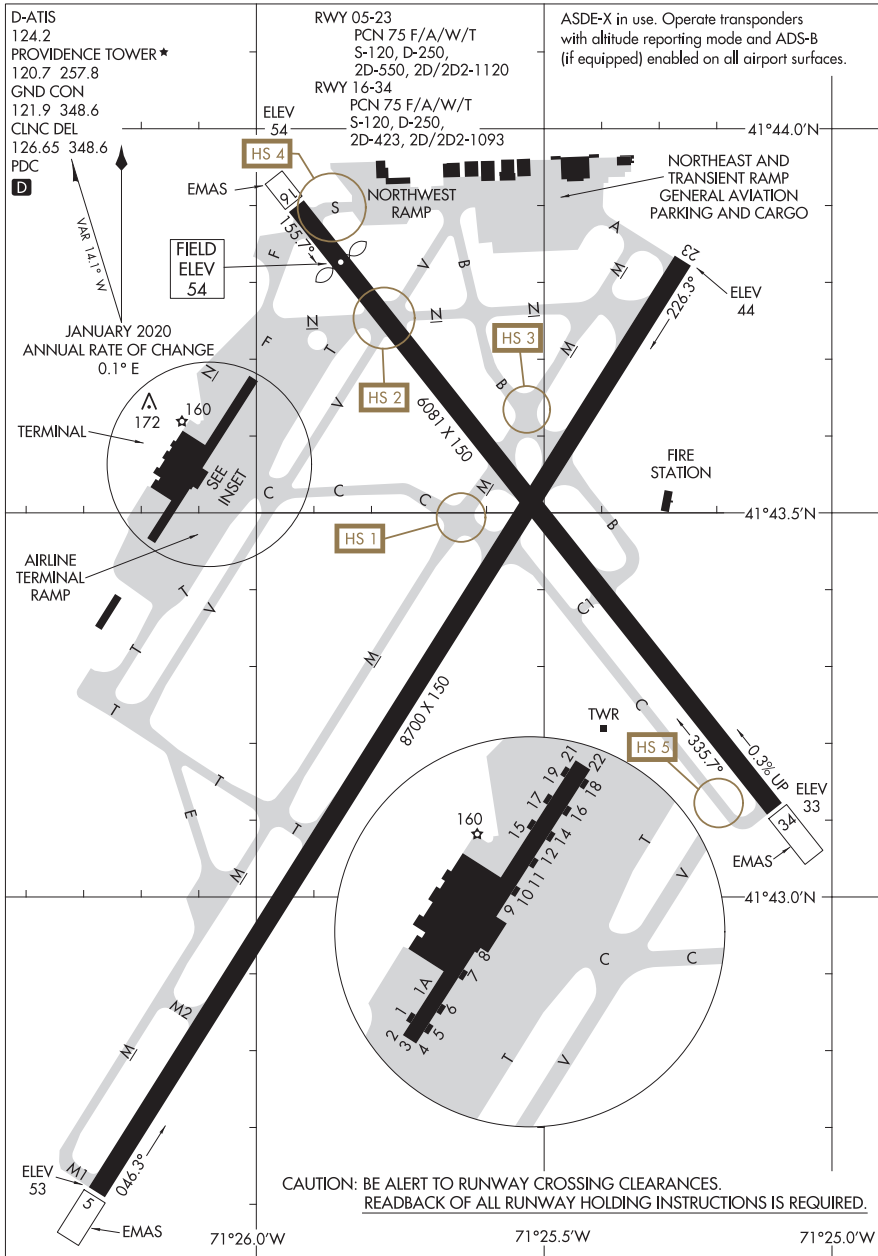
21280

AIRPORT DIAGRAM

RHODE ISLAND TF GREEN INTL (PVD)

AL-333 (FAA)

PROVIDENCE, RHODE ISLAND



AIRPORT DIAGRAM

21280

PROVIDENCE, RHODE ISLAND

RHODE ISLAND TF GREEN INTL (PVD)

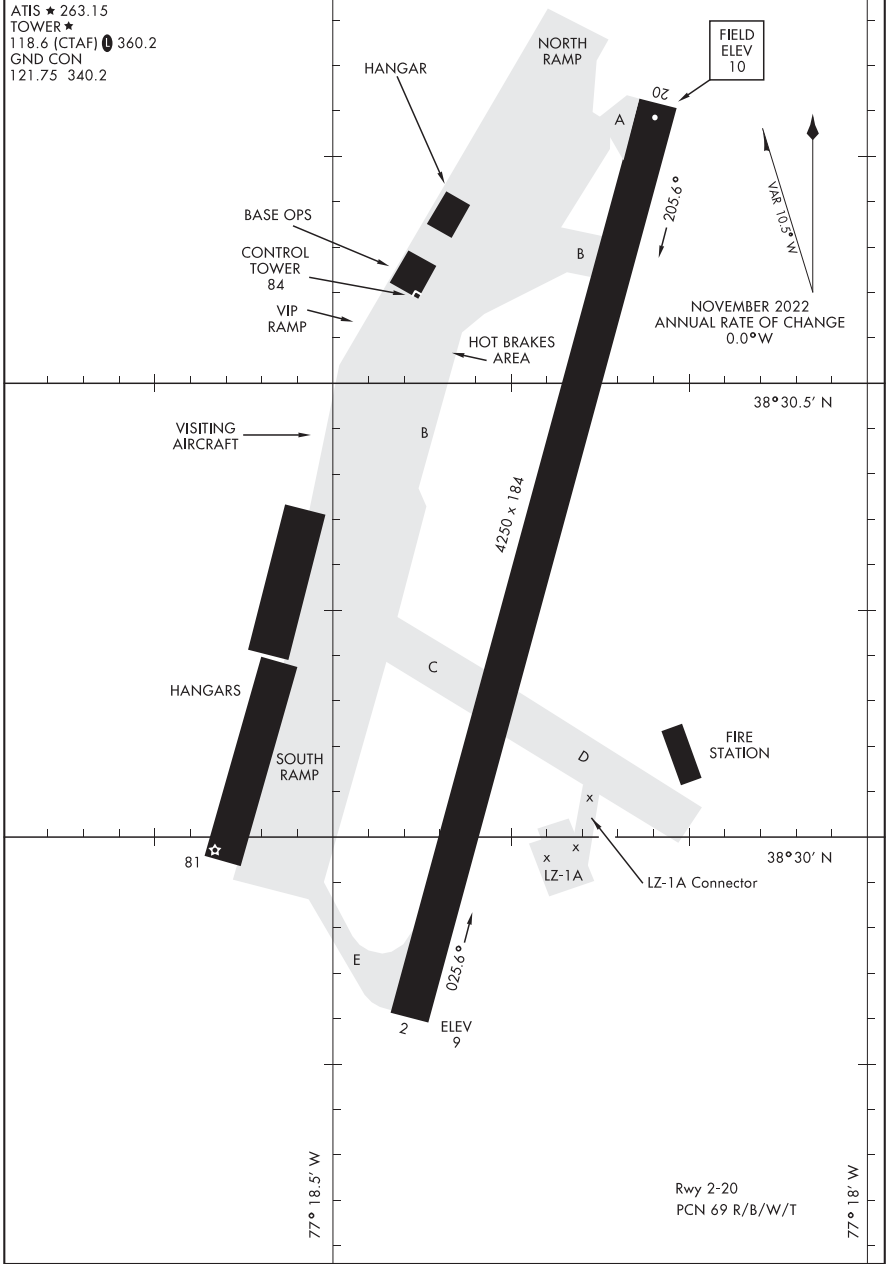
22307

QUANTICO MCAF (TURNER FLD) (KNYG)

AL-339 [USN]

QUANTICO, VIRGINIA

AIRPORT DIAGRAM



AIRPORT DIAGRAM

QUANTICO, VIRGINIA
 QUANTICO MCAF (TURNER FLD) (KNYG)

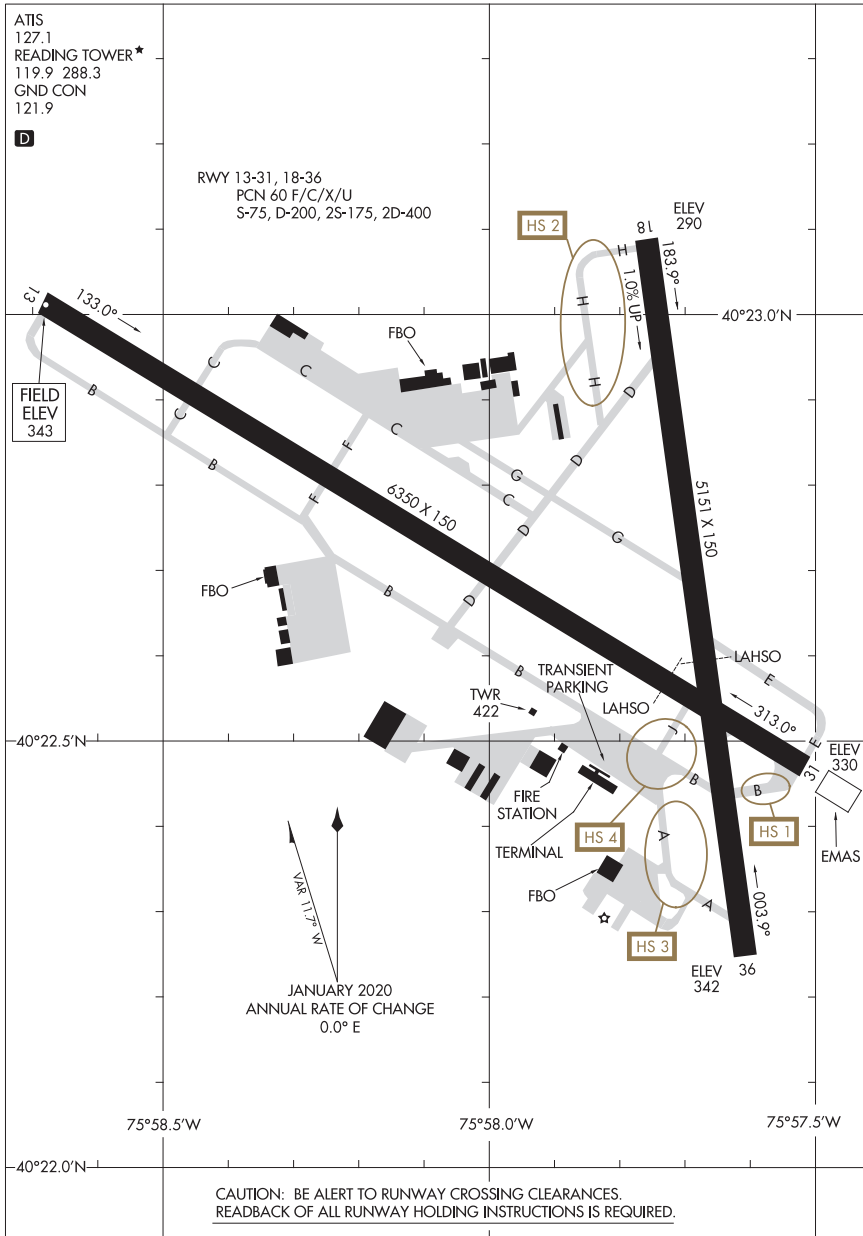
22195

AIRPORT DIAGRAM

READING RGNL/CARL A SPAATZ FLD (R.DG)

AL-627 (FAA)

READING, PENNSYLVANIA



AIRPORT DIAGRAM

22195

READING, PENNSYLVANIA

READING RGNL/CARL A SPAATZ FLD (R.DG)

23222

AIRPORT DIAGRAM

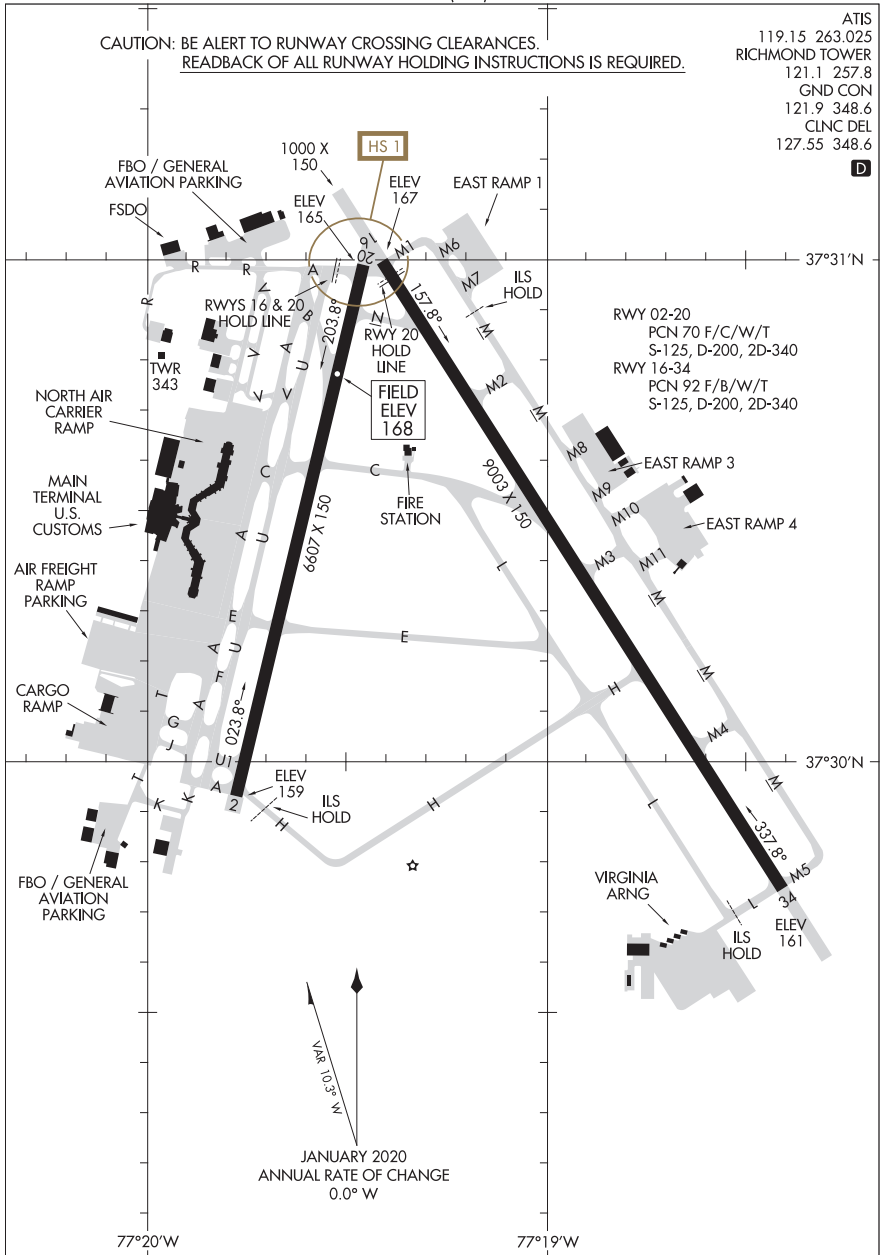
AL-347 (FAA)

RICHMOND INTL (R.I.C.)
RICHMOND, VIRGINIA

CAUTION: BE ALERT TO RUNWAY CROSSING CLEARANCES.
READBACK OF ALL RUNWAY HOLDING INSTRUCTIONS IS REQUIRED.

ATIS
119.15 263.025
RICHMOND TOWER
121.1 257.8
GND CON
121.9 348.6
CLNC DEL
127.55 348.6

D



AIRPORT DIAGRAM
23222

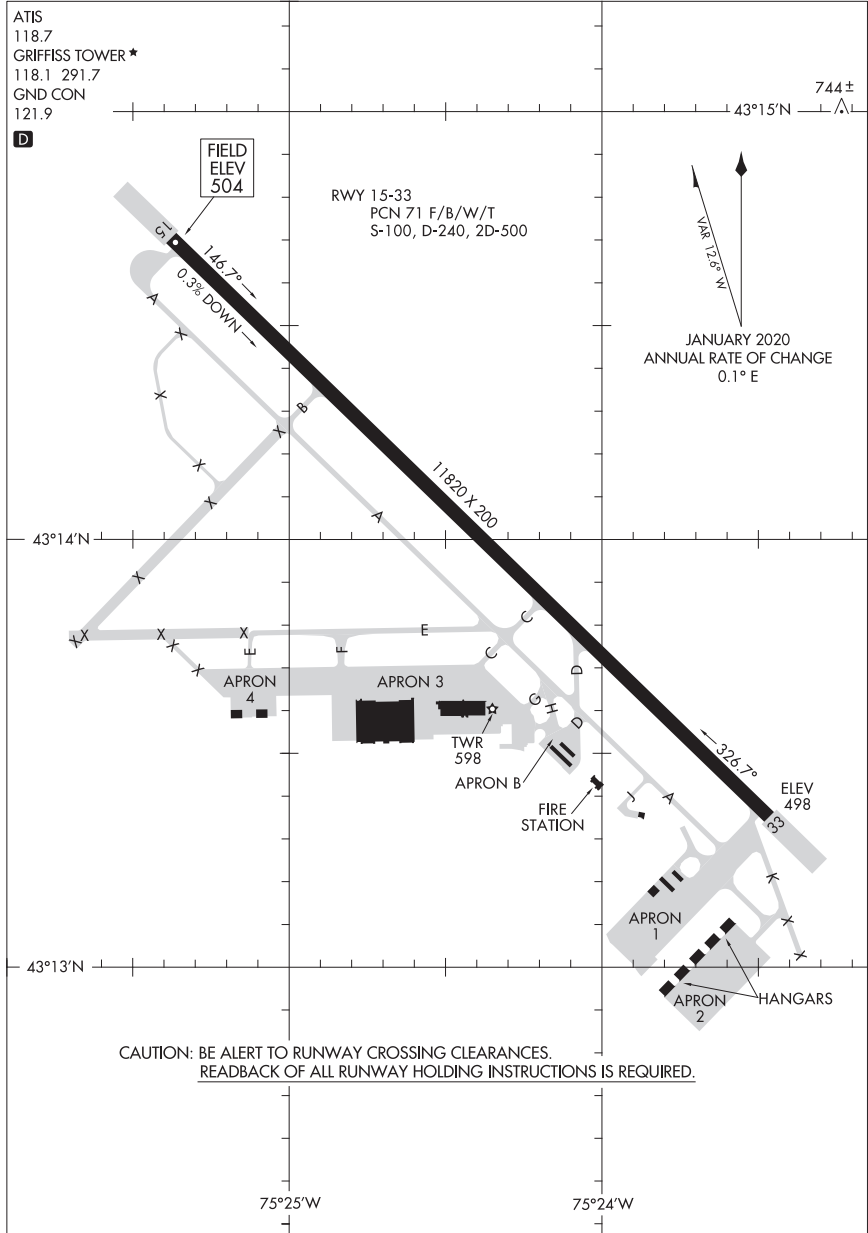
RICHMOND, VIRGINIA
RICHMOND INTL (R.I.C.)

23334

AIRPORT DIAGRAM

AL-9515 (FAA)

GRIFFISS INTL (RME)
ROME, NEW YORK



AIRPORT DIAGRAM

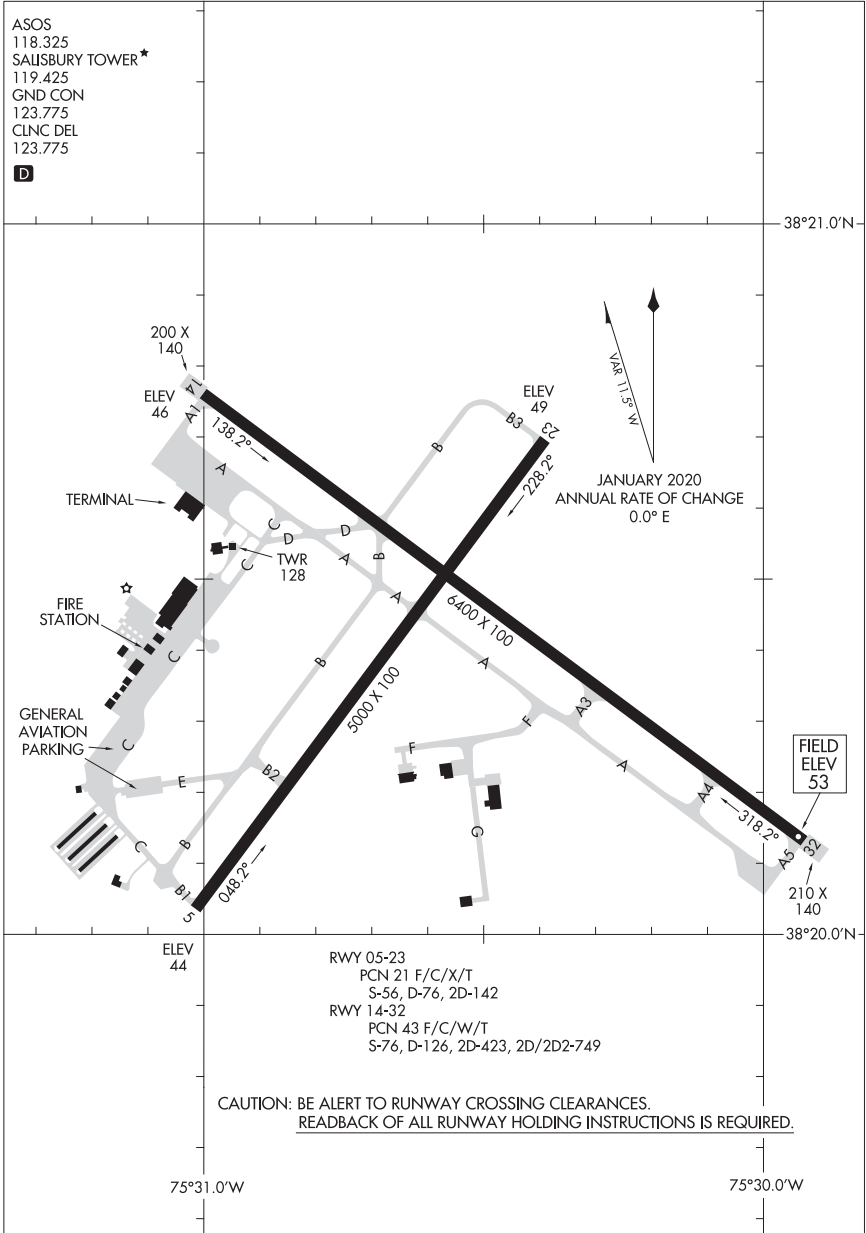
23334

ROME, NEW YORK
GRIFFISS INTL (RME)

23166

AIRPORT DIAGRAM

SALISBURY-OCEAN CITY WICOMICO RGNL (SBY)
AL-977 (FAA) SALISBURY, MARYLAND



AIRPORT DIAGRAM

23166

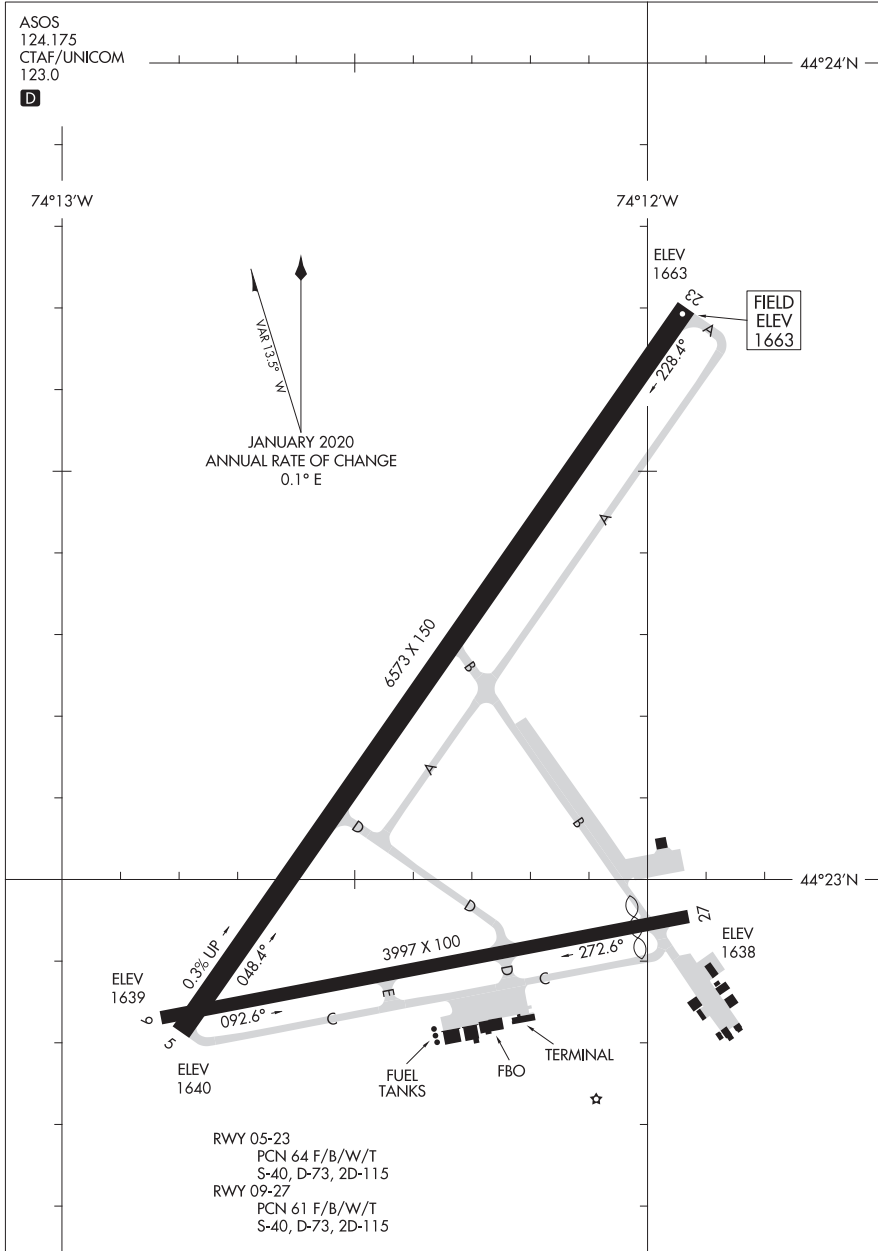
SALISBURY, MARYLAND
SALISBURY-OCEAN CITY WICOMICO RGNL (SBY)

23166

AIRPORT DIAGRAM

AL-806 (FAA)

ADIRONDACK RGNL (SLK)
SARANAC LAKE, NEW YORK



AIRPORT DIAGRAM

23166

SARANAC LAKE, NEW YORK
ADIRONDACK RGNL (SLK)

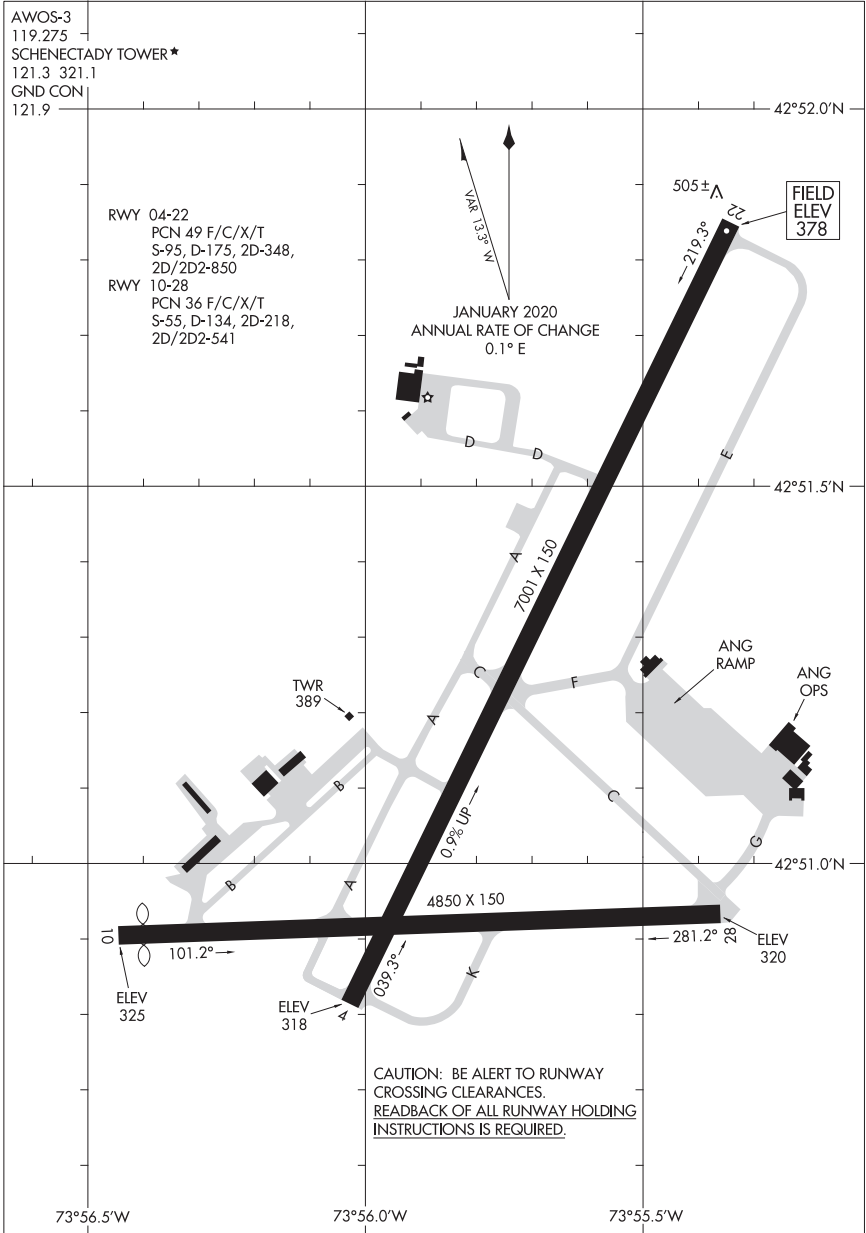
23166

AIRPORT DIAGRAM

AL-382 (FAA)

SCHENECTADY COUNTY (SCH)

SCHENECTADY, NEW YORK



AIRPORT DIAGRAM

23166

SCHENECTADY, NEW YORK

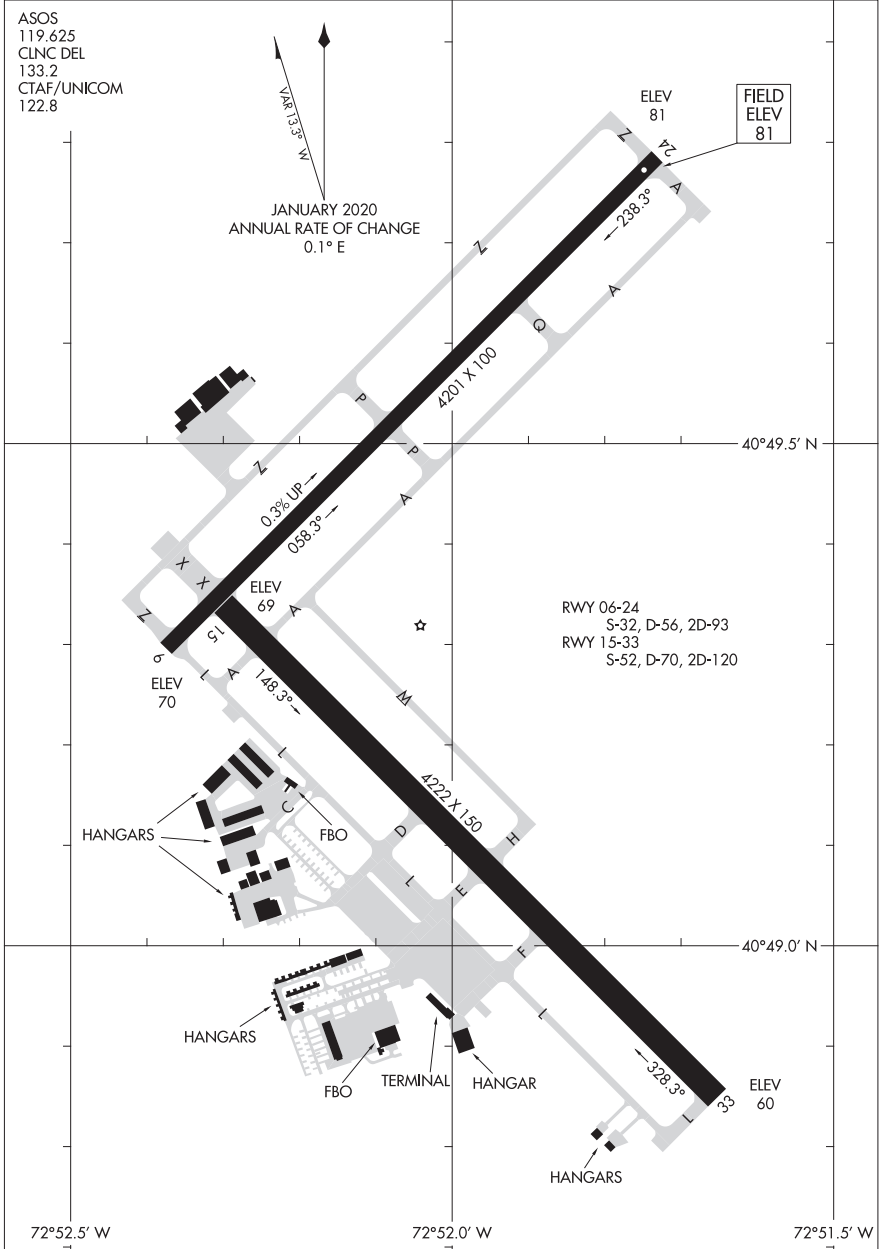
SCHENECTADY COUNTY (SCH)

23166

AIRPORT DIAGRAM

AL-5603 (FAA)

BROOKHAVEN (HWV)
SHIRLEY, NEW YORK



AIRPORT DIAGRAM

23166

SHIRLEY, NEW YORK
BROOKHAVEN (HWV)

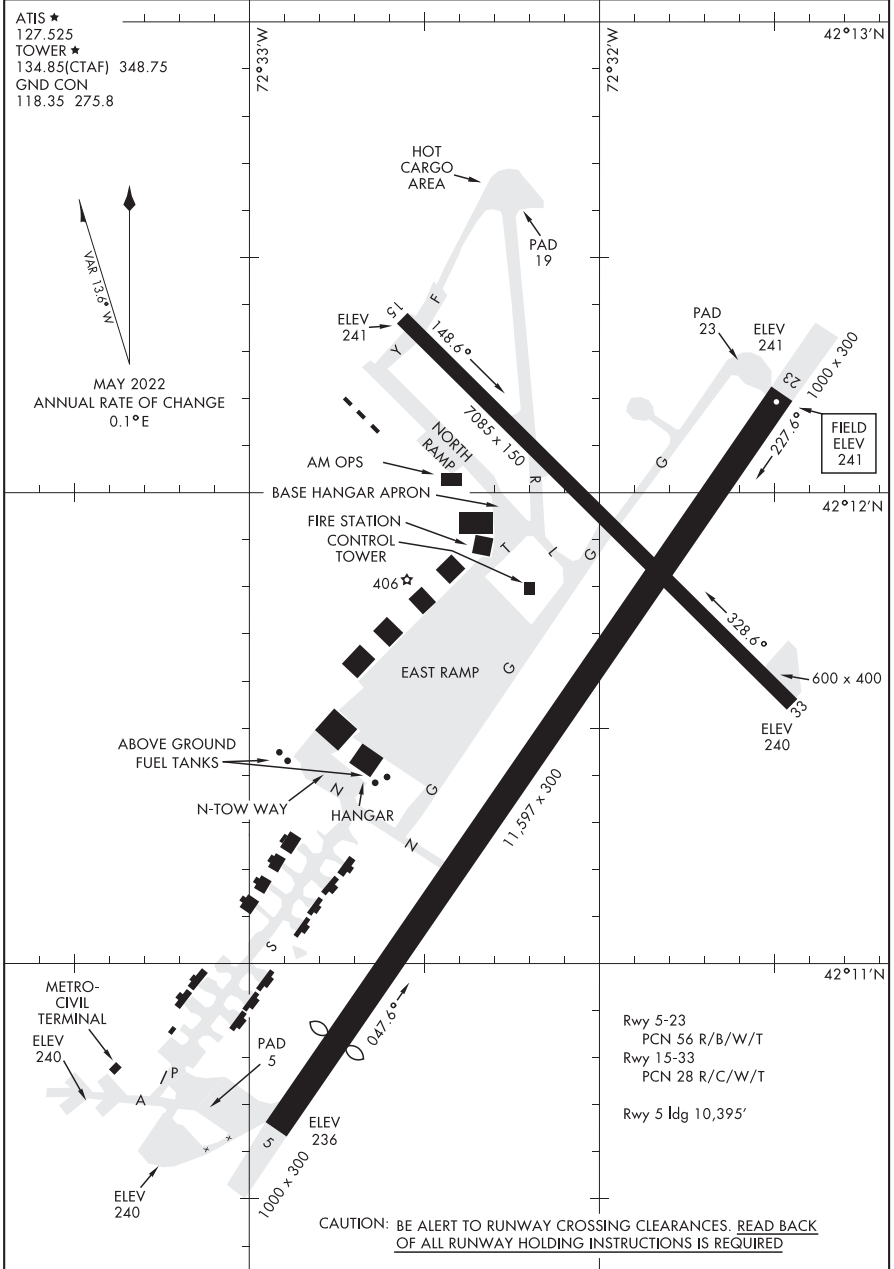
23278

WESTOVER ARB/METROPOLITAN (KCEF)

AIRPORT DIAGRAM

AL-447 [USAF]

SPRINGFIELD/CHICOPEE, MASSACHUSETTS



AIRPORT DIAGRAM

SPRINGFIELD/CHICOPEE, MASSACHUSETTS

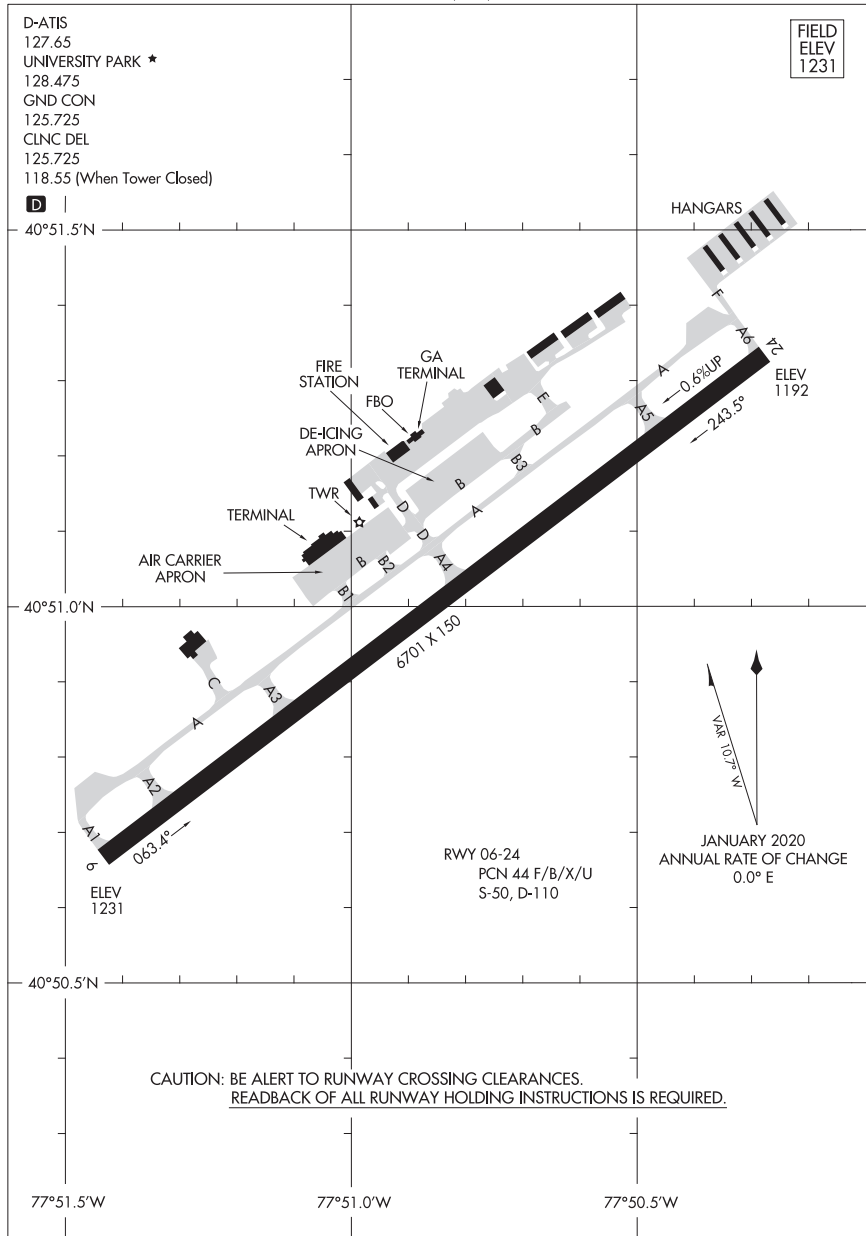
WESTOVER ARB/METROPOLITAN (KCEF)

23278

AIRPORT DIAGRAM

AL-5240 (FAA)

STATE COLLEGE RGNL (UNV)
STATE COLLEGE, PENNSYLVANIA



AIRPORT DIAGRAM

23278

STATE COLLEGE, PENNSYLVANIA
STATE COLLEGE RGNL (UNV)

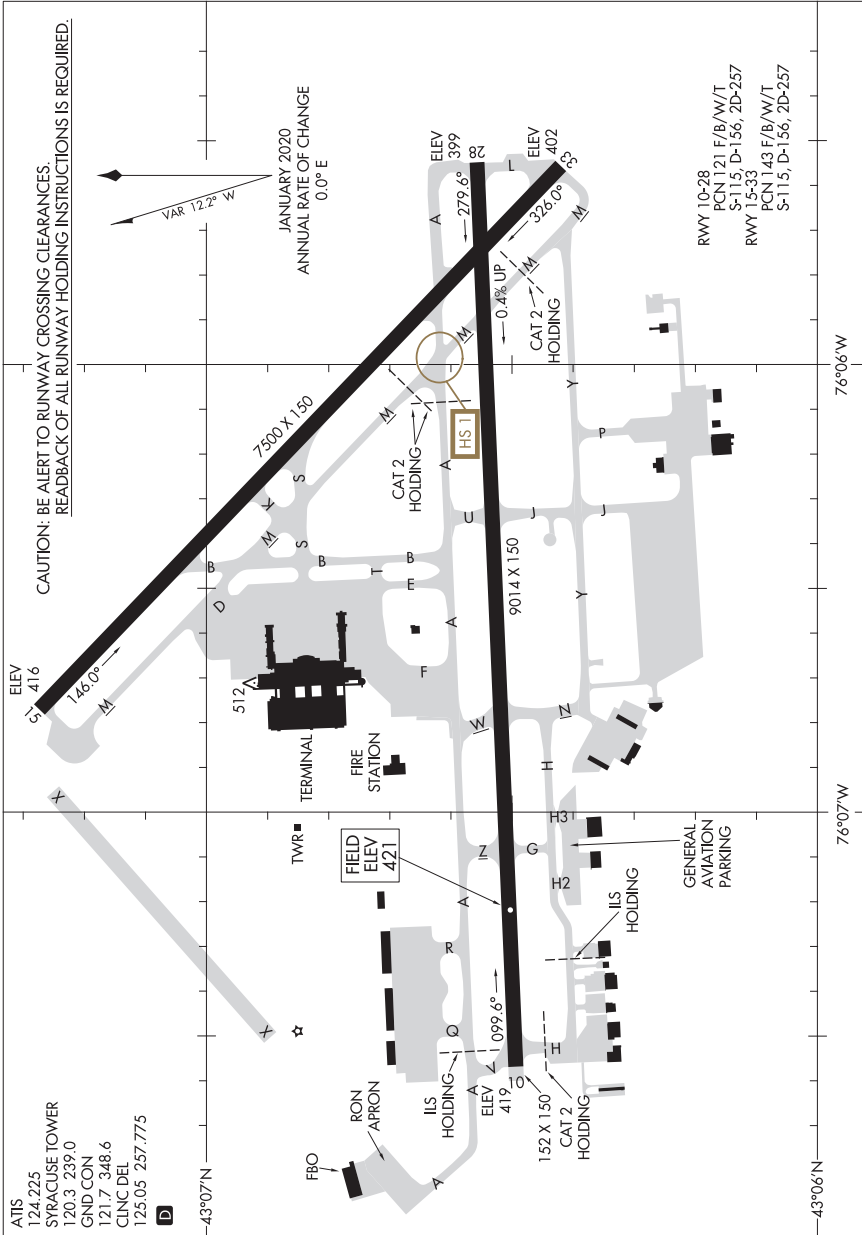
22363

AIRPORT DIAGRAM

AL-411 (FAA)

SYRACUSE HANCOCK INTL (SYR)

SYRACUSE, NEW YORK



AIRPORT DIAGRAM

22363

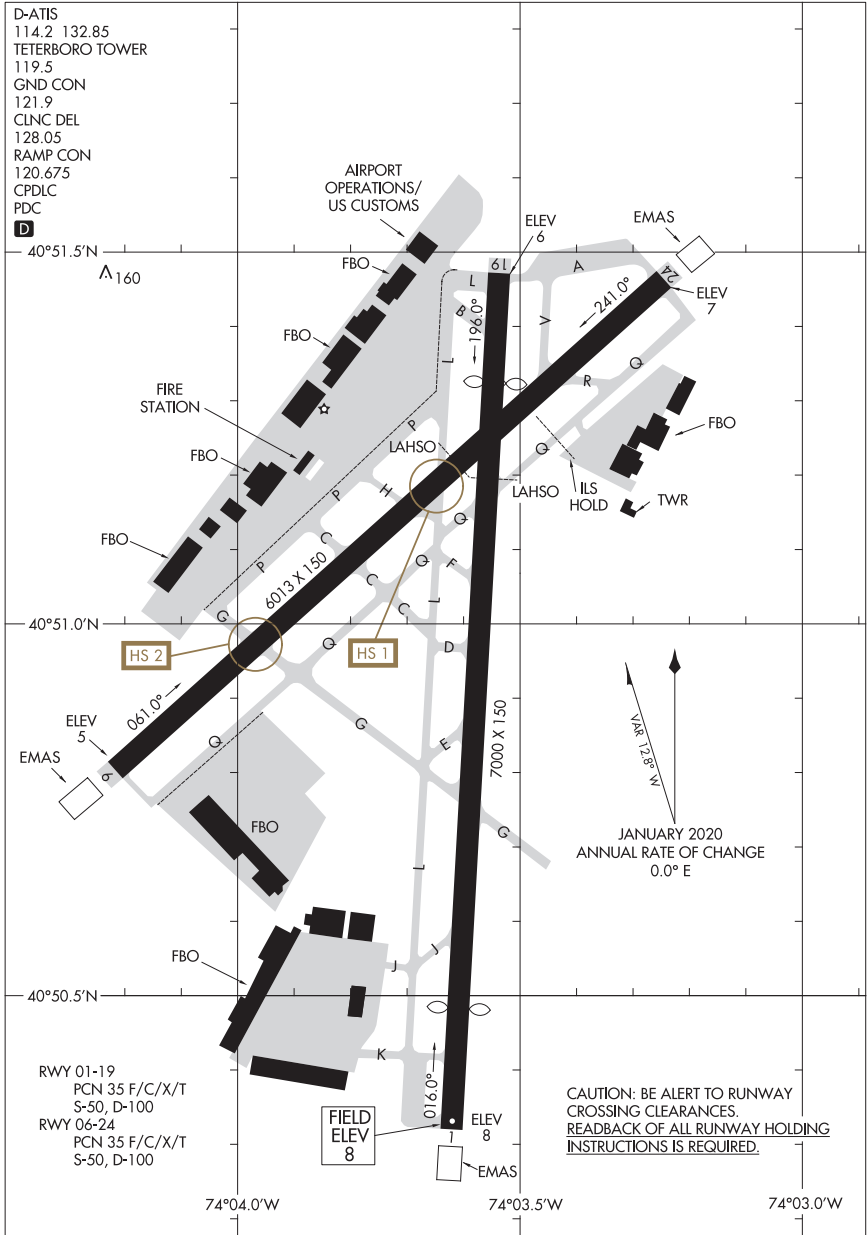
SYRACUSE, NEW YORK
SYRACUSE HANCOCK INTL (SYR)

20366

AIRPORT DIAGRAM

AL-890 (FAA)

TETERBORO (TEB)
TETERBORO, NEW JERSEY



AIRPORT DIAGRAM

20366

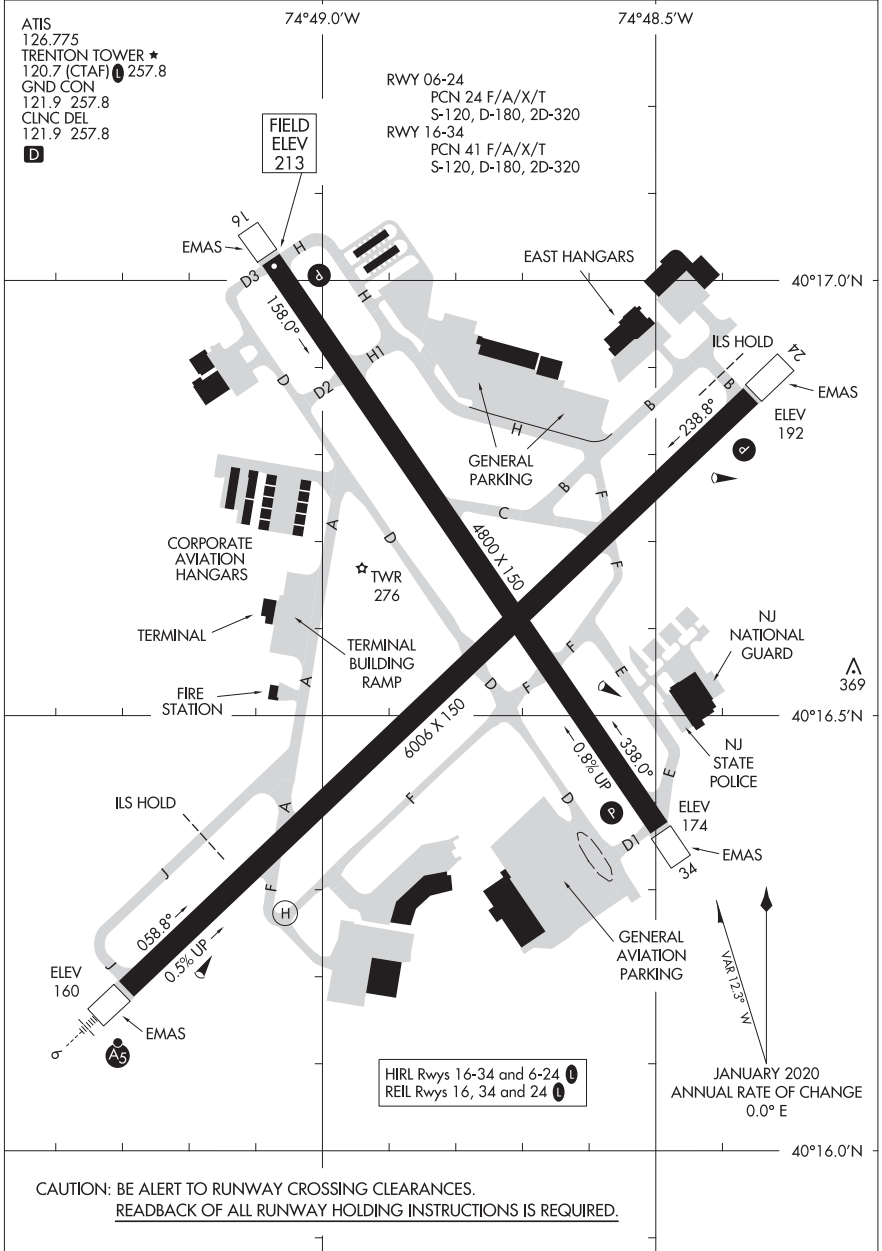
TETERBORO, NEW JERSEY
TETERBORO (TEB)

24025

AIRPORT DIAGRAM

AL-982 (FAA)

TRENTON MERCER (T'N)
TRENTON, NEW JERSEY



AIRPORT DIAGRAM
24025

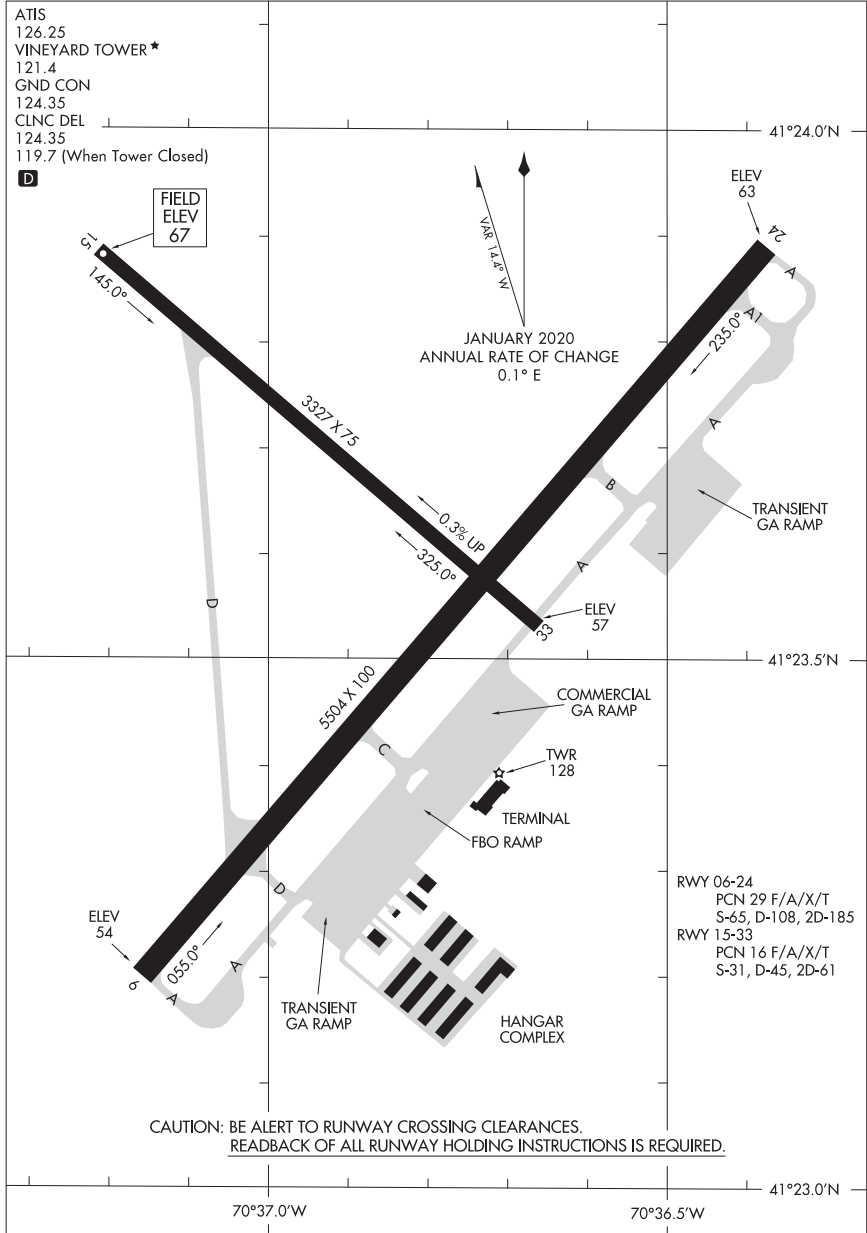
TRENTON, NEW JERSEY
TRENTON MERCER (T'N)

22083

AIRPORT DIAGRAM

AL-694 (FAA)

MARTHA'S VINEYARD (MVY)
VINEYARD HAVEN, MASSACHUSETTS



AIRPORT DIAGRAM

22083

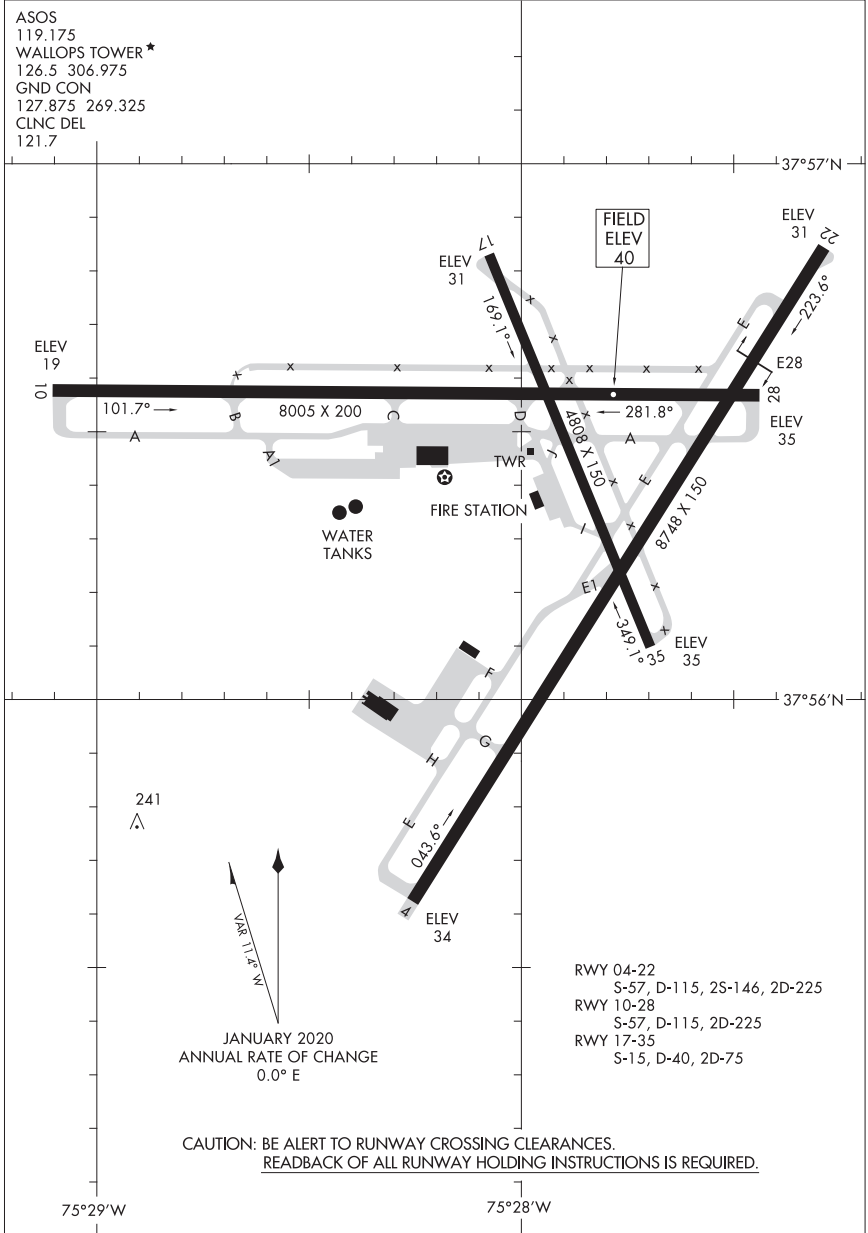
VINEYARD HAVEN, MASSACHUSETTS
MARTHA'S VINEYARD (MVY)

20086

AIRPORT DIAGRAM

AL-639 (FAA)

WALLOPS FLIGHT FACILITY (WAL)
WALLOPS ISLAND, VIRGINIA



AIRPORT DIAGRAM

20086

WALLOPS ISLAND, VIRGINIA
WALLOPS FLIGHT FACILITY (WAL)

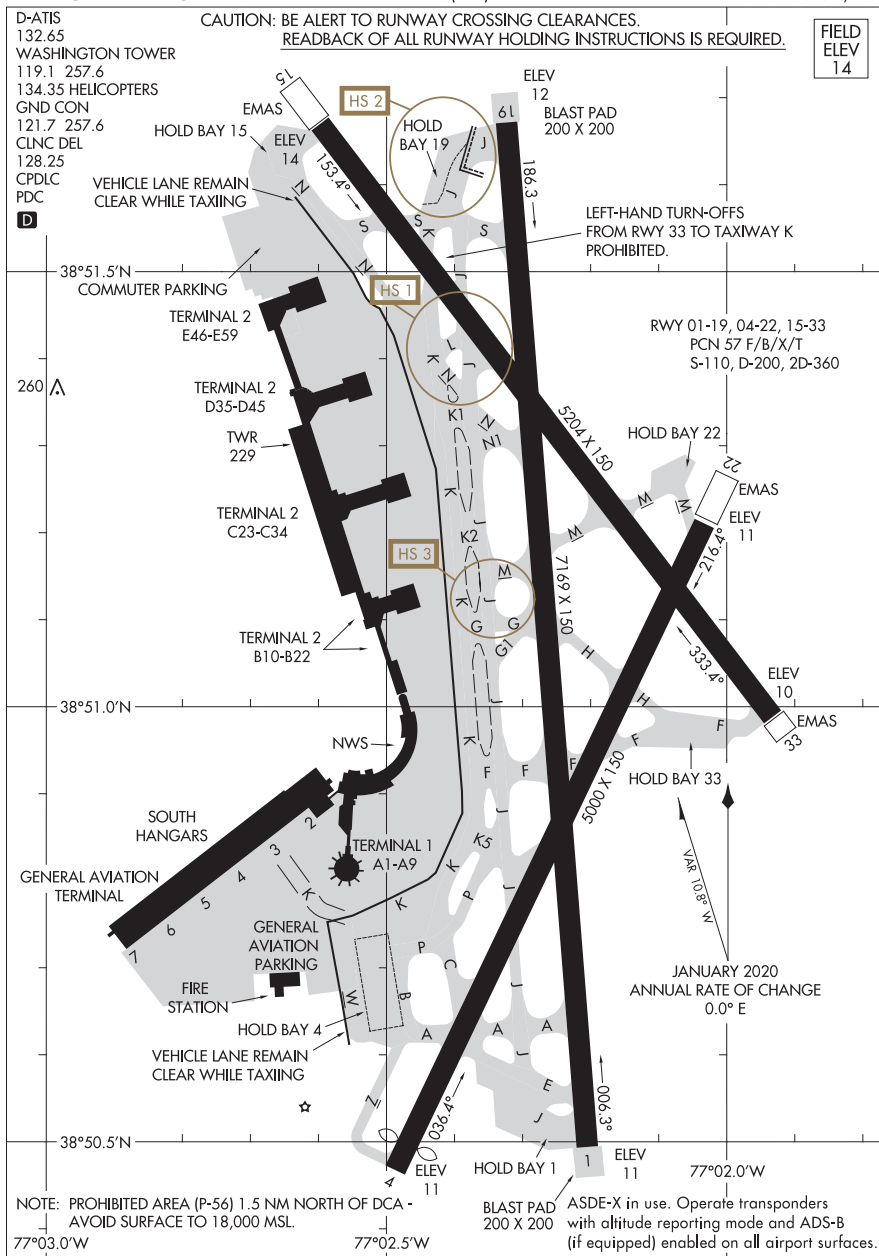
23334

AIRPORT DIAGRAM

RONALD REAGAN WASHINGTON NTL (DCA)

AL-443 (FAA)

WASHINGTON, D.C.



AIRPORT DIAGRAM

23334

WASHINGTON, D.C.

RONALD REAGAN WASHINGTON NTL (DCA)

23166

AIRPORT DIAGRAM

AL-666 (FAA)

WATERTOWN INTL (A.R.T)
WATERTOWN, NEW YORK

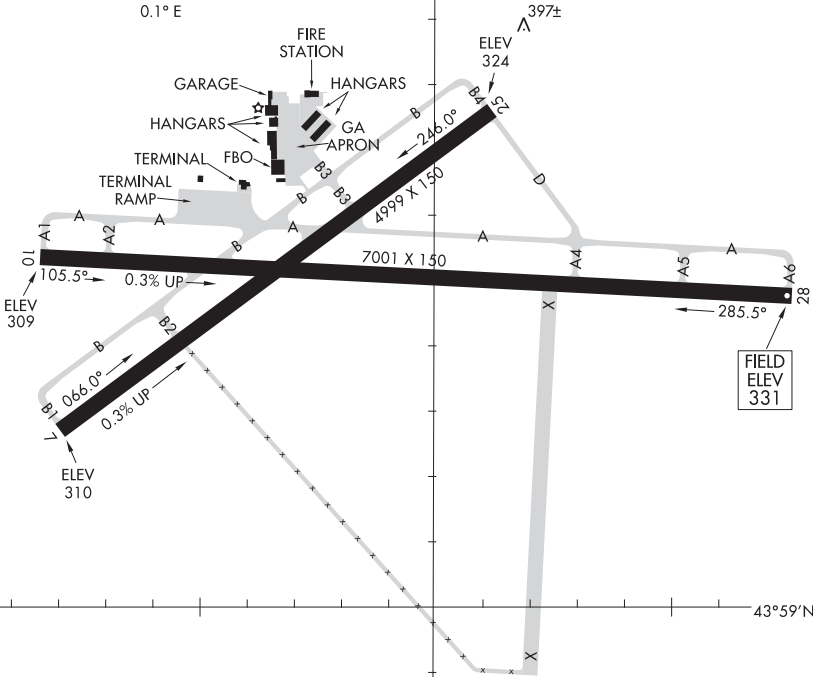
ASOS
132.325
CTAF/UNICOM
123.0
CLNC DEL
120.8

D



JANUARY 2020
ANNUAL RATE OF CHANGE
0.1° E

44°00'N



FIELD
ELEV
331

43°59'N

RWY 07-25
PCN 41 F/C/X/T
S-105, D-147, 2D-244
RWY 10-28
PCN 43 F/C/X/T
S-109, D-154, 2D-254

76°02'W

76°01'W

AIRPORT DIAGRAM

23166

WATERTOWN, NEW YORK
WATERTOWN INTL (A.R.T)

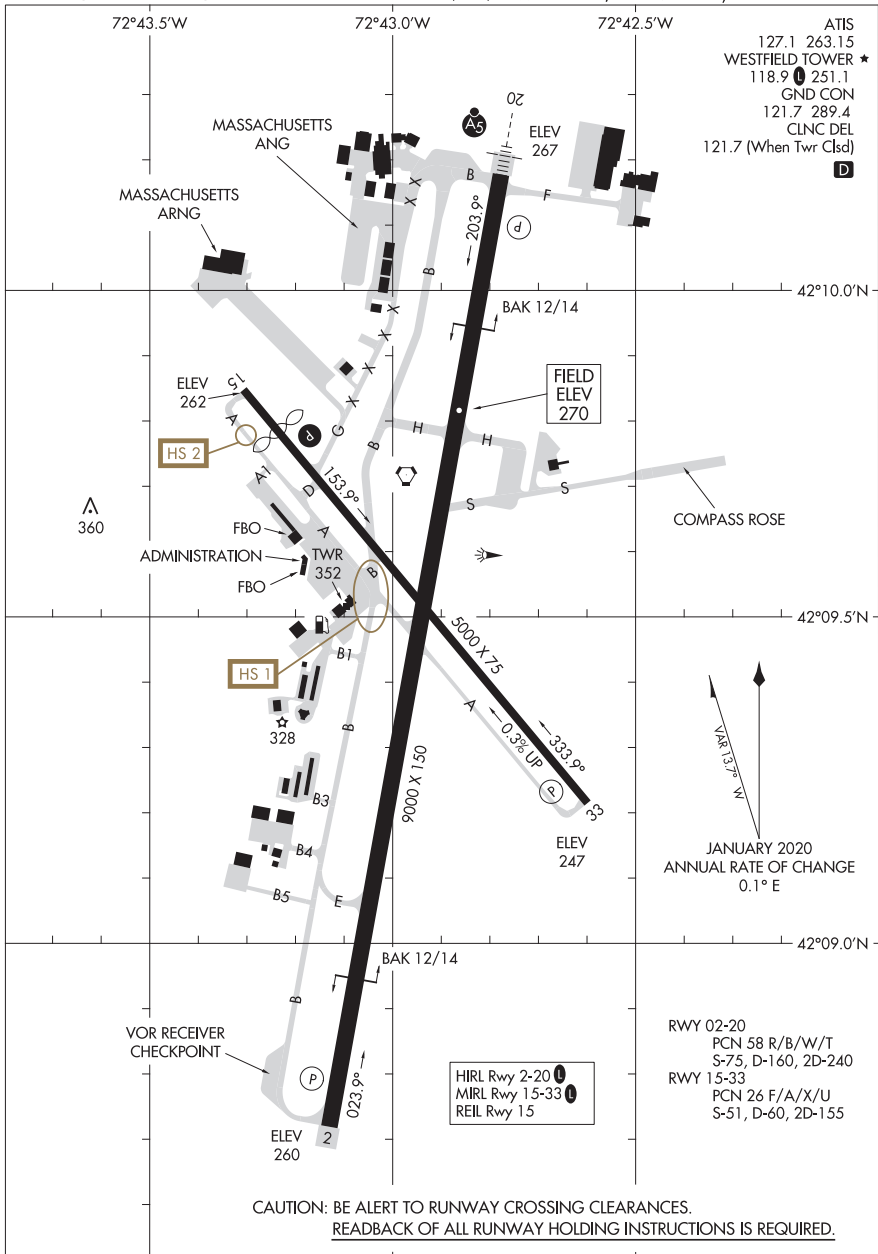
24025

AIRPORT DIAGRAM

WESTFIELD-BARNES RGNL (B.A.F.)

AL-446 (FAA)

WESTFIELD/SPRINGFIELD, MASSACHUSETTS



AIRPORT DIAGRAM

24025

WESTFIELD/SPRINGFIELD, MASSACHUSETTS

WESTFIELD-BARNES RGNL (B.A.F.)

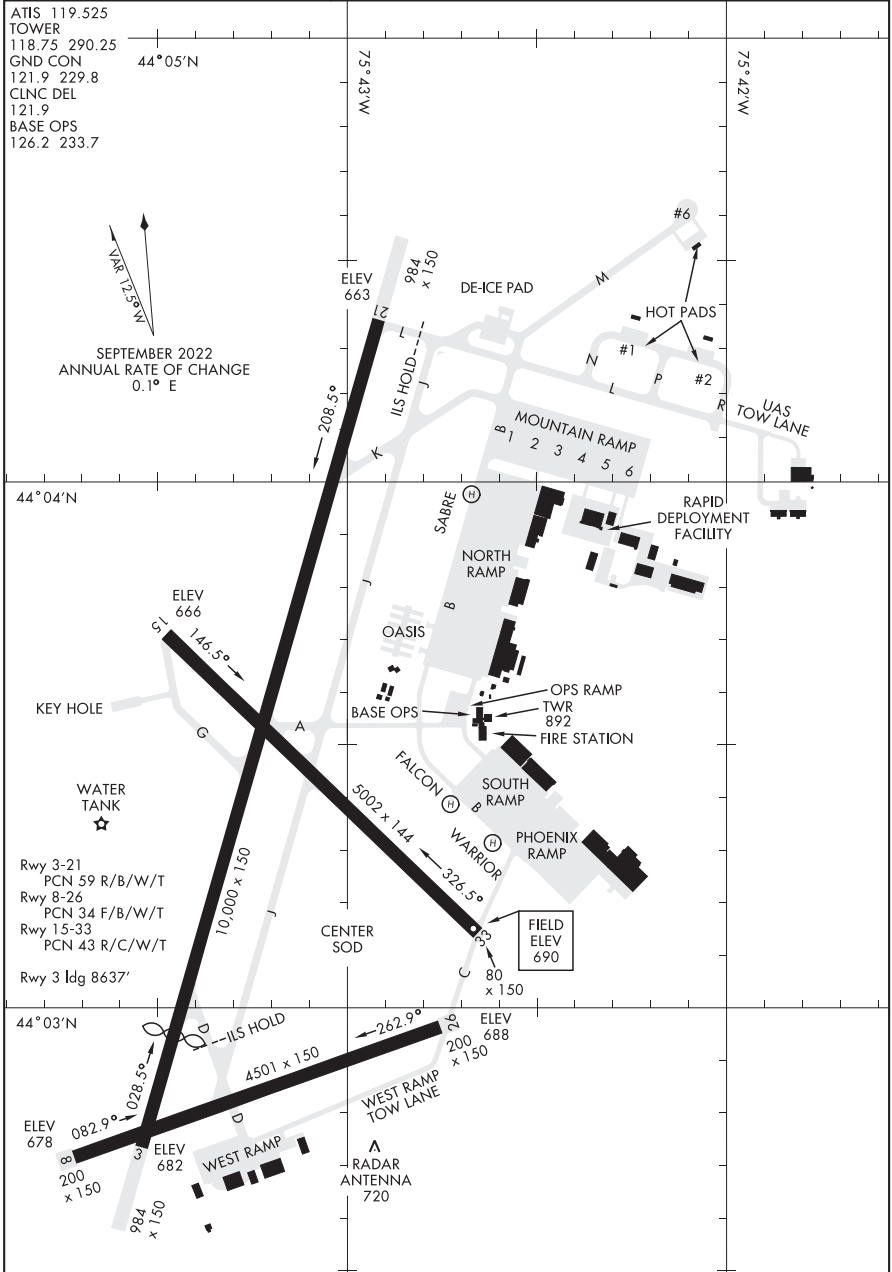
23334

WHEELER-SACK AAF (KGTB)

AIRPORT DIAGRAM

[USA]

FORT DRUM, NEW YORK



AIRPORT DIAGRAM

FORT DRUM, NEW YORK

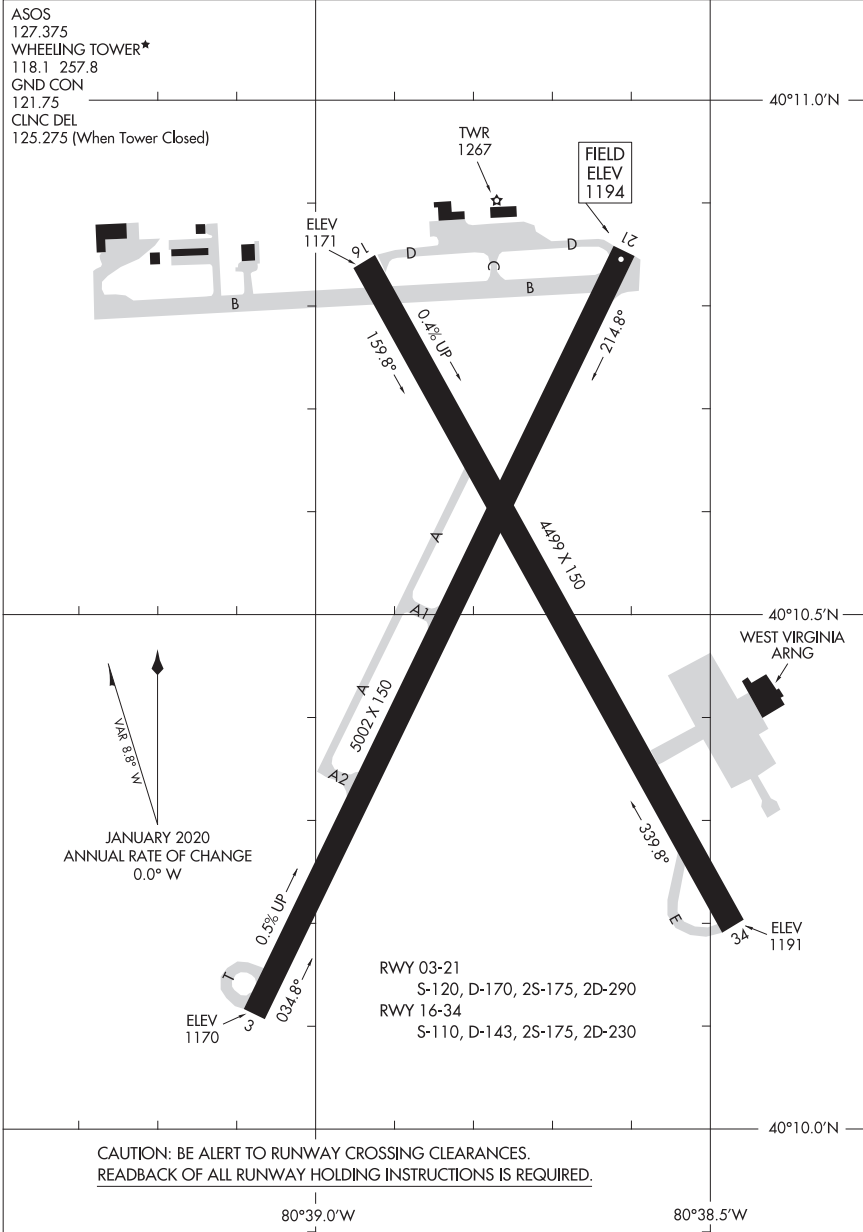
WHEELER-SACK AAF (KGTB)

20086

AIRPORT DIAGRAM

AL-650 (FAA)

WHEELING OHIO COUNTY (HLG)
WHEELING, WEST VIRGINIA



AIRPORT DIAGRAM

20086

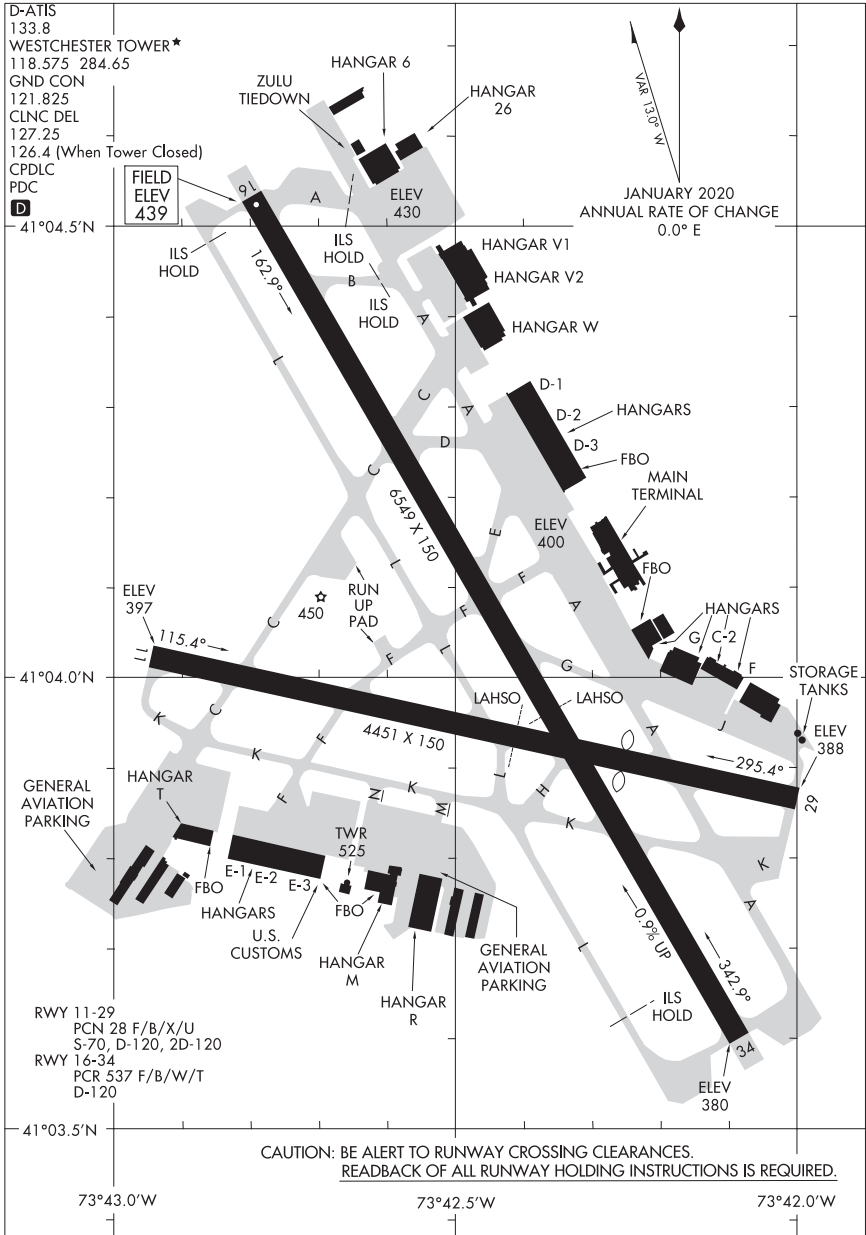
WHEELING, WEST VIRGINIA
WHEELING OHIO COUNTY (HLG)

22307

AIRPORT DIAGRAM

AL-651 (FAA)

WESTCHESTER COUNTY (HPN)
WHITE PLAINS, NEW YORK



AIRPORT DIAGRAM

WHITE PLAINS, NEW YORK
WESTCHESTER COUNTY (HPN)

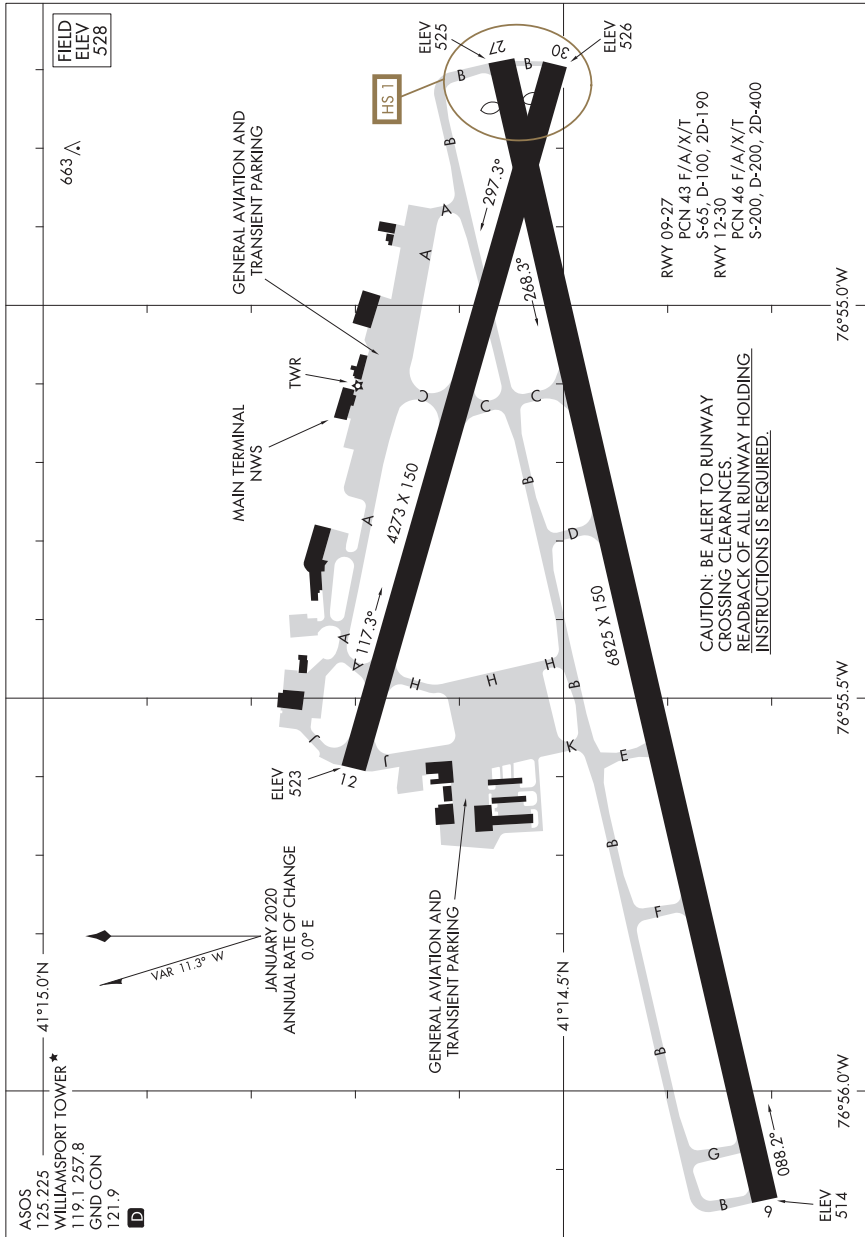
22307

20086

AIRPORT DIAGRAM

AL-457 (FAA)

WILLIAMSPORT RGNL (IPT)
WILLIAMSPORT, PENNSYLVANIA



AIRPORT DIAGRAM

20086

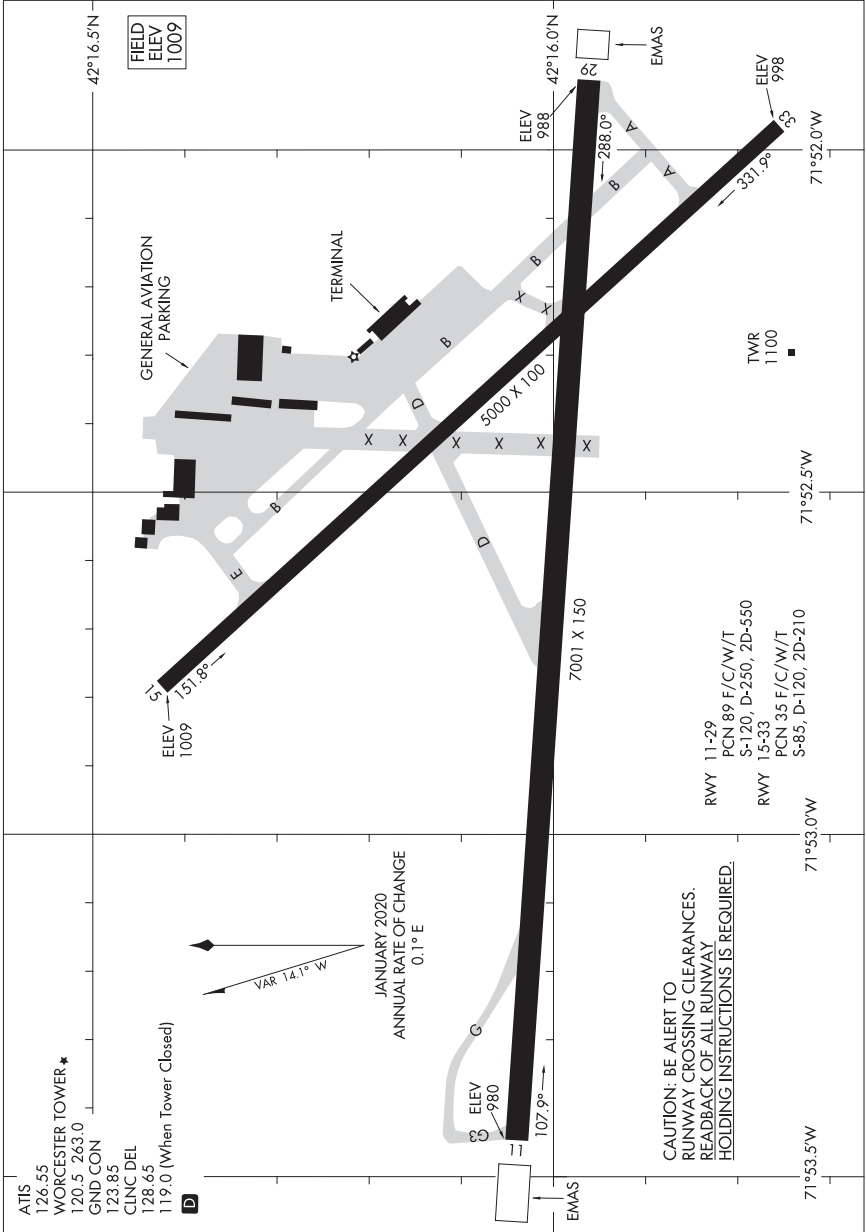
WILLIAMSPORT, PENNSYLVANIA
WILLIAMSPORT RGNL (IPT)

20086

AIRPORT DIAGRAM

AL-652 (FAA)

WORCESTER RGNL (ORH)
WORCESTER, MASSACHUSETTS



AIRPORT DIAGRAM

20086

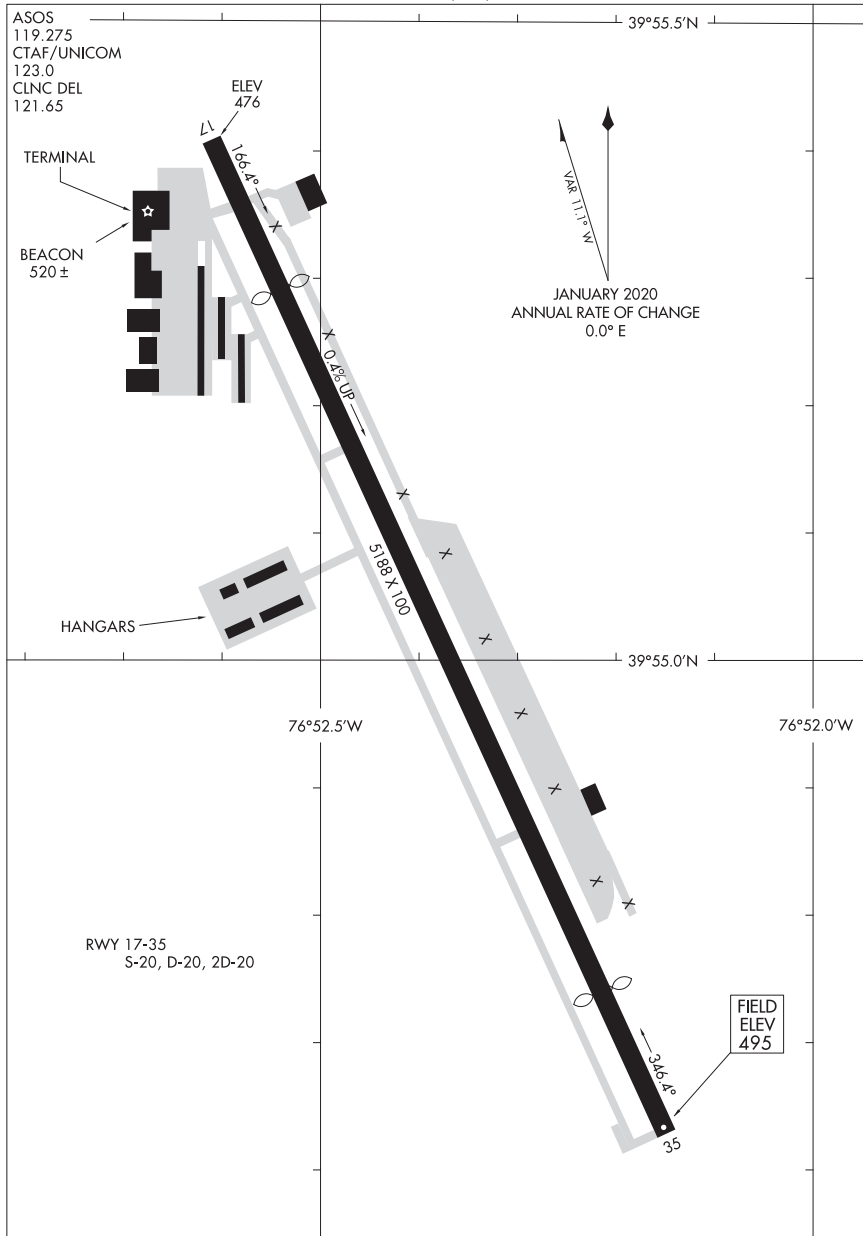
WORCESTER, MASSACHUSETTS
WORCESTER RGNL (ORH)

20086

AIRPORT DIAGRAM

AL-5137 (FAA)

YORK (THV)
YORK, PENNSYLVANIA



AIRPORT DIAGRAM

YORK, PENNSYLVANIA
YORK (THV)

20086

**INTENTIONALLY
LEFT
BLANK**

Submitting Pilot Weather Reports (PIREPs)

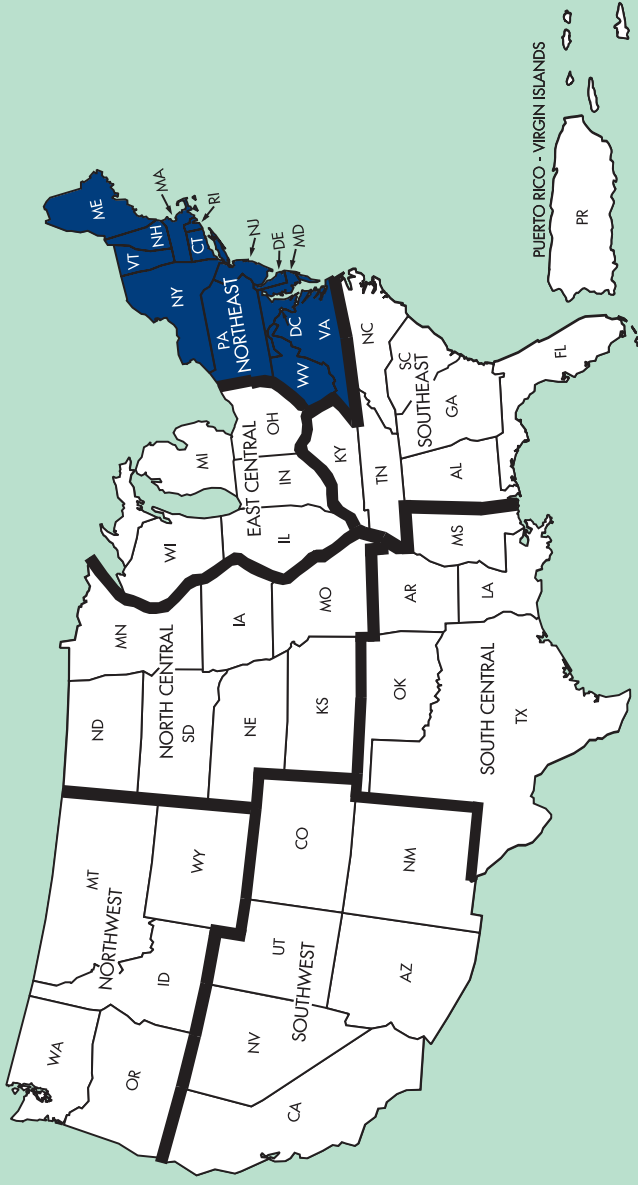
1. **UA - Routine PIREP / UUA - Urgent PIREP**
2. **/OV - Location:** Use Airport or NAV/AD identifiers only.
 - Location can be reported as a single fix, radial DME, or a route segment (Fix- Fix)
 - Examples:** /OV LAX, /OV LAX-SL1120005, /OV PDZ-PSP.
3. **/TM - Time:** When conditions occurred or were encountered.
 - Use 4 digits in UTC.
 - Examples:** /TM 1645, /TM 0915
4. **/FL - Altitude/Flight Level**
 - Use 3 digits for hundreds of feet. If not known, use UNKN.
 - Examples:** /FL095, /FL310, /FLUNKN
5. **/TP - Type aircraft:** Required if reporting Turbulence or Icing
 - No more than 4 characters, use UNKN if the type is not known.
 - Examples:** /TP P28A, /TP RV8, /TP B738, /TP UNKN
6. **/SK - Sky Condition/Cloud layers:**
 - Report cloud coverage using contractions: FEW, SCT, BKN, OVC, SKC
 - Report bases in hundreds of feet: BKN005, SCT015, OVC200
 - If bases are unknown, use UNKN
 - Report cloud tops in hundreds of feet: TOP120
 - Examples:** /SK BKN035, /SK SCT UNKN-TOP125, /SK OVC095-TOP125/ SKC
7. **/WX - Weather:** Flight visibility is always reported first. Append FV reported with SM.
 - Report visibility using 2 digits: FV01SM, FV10SM
 - Unrestricted visibility use FV99SM.
 - Use standard weather contractions e.g.: RA, SH, TS, HZ, FG, -, +
 - Examples:** /WX FV01SM +SHRA, /WX FV10 SM -RA BR.
8. **/TA - Air temperature (Celsius):** Required when reporting icing
 - 2 digits, unless below zero, then prefix digits with M.
 - Examples:** /TA 15, /TA 04 /TA M06
9. **/WV - Wind:** Direction in 3 digits, speed in 3 or 4 digits, followed by KT.
 - Examples:** /WV 270045KT, /WV 080110KT
10. **/TB - Turbulence:**
 - Report intensity using LGT, MOD, SEV, or EXTRM
 - Report duration using INTMT, OCNL or CONS when reported by pilot.
 - Report type using CAT or CHOP when reported by pilot.
 - Include altitude only if different from /FL.
 - Use ABV or BLO when limits are not defined.
 - Use NEG if turbulence is not encountered.
 - Examples:** /TB OCNL MOD, /TB LGT CHOP, /LGT 060, /TB MOD BLO 090, /TB NEG
11. **/IC - Icing:**
 - Report intensity using TRACE, LGT, MOD or SEV
 - Report type using RIME, CLR, or MX
 - Include altitude only if different than /FL.
 - Use NEG if icing not encountered.
 - Examples:** /IC LGT-MOD RIME, /IC SEV CLR 028-045, /IC NEG
12. **/RM - Remarks:** Use to report phenomena that does not fit in any other field.
 - Report the most hazardous element first.
 - Name of geographic location from /OV field fix.
 - Examples:** /RM LLWS +/-15KT SFC-003 DURC RWY22 JFK
 - /RM MTN WAVE, /RM DURC, /RM DURD, /RM MULLAN PASS
 - /RM BA RWY 02L BA MEDIUM TO POOR 3IN DRY SN OVER COMPACTED

SN

Examples of Completed PIREPS

UA /OV RFD /TM 1315 /FL160 /TP PA44 /SK OVC025-TOP095/OVC150 /TA M12 /TB INTMT LGT CHOP
 UA /OV DHT360015-AMA /TM 2116 /FL050 /TP PA32 /SK BKN090 /WX FV05SM -RA /TA 04 /TB LGT /IC
 NEG
 UUA /OV PDZ010018 /TM 1520 /FL125 /TP C172 /WV 270048KT TB SEV 055-085 /RM CAJON PASS

*



FAA Product ID: AFDNE



NSN 7641014109596



EFF. DATE 24025

NGA REF. NO. ENRXXAFDUSNE

OK-10-2861

NE CT DDC DE MA MD ME NH NJ NY PA RI VA VT WV

25 JAN 2024 TO 21 MAR 2024