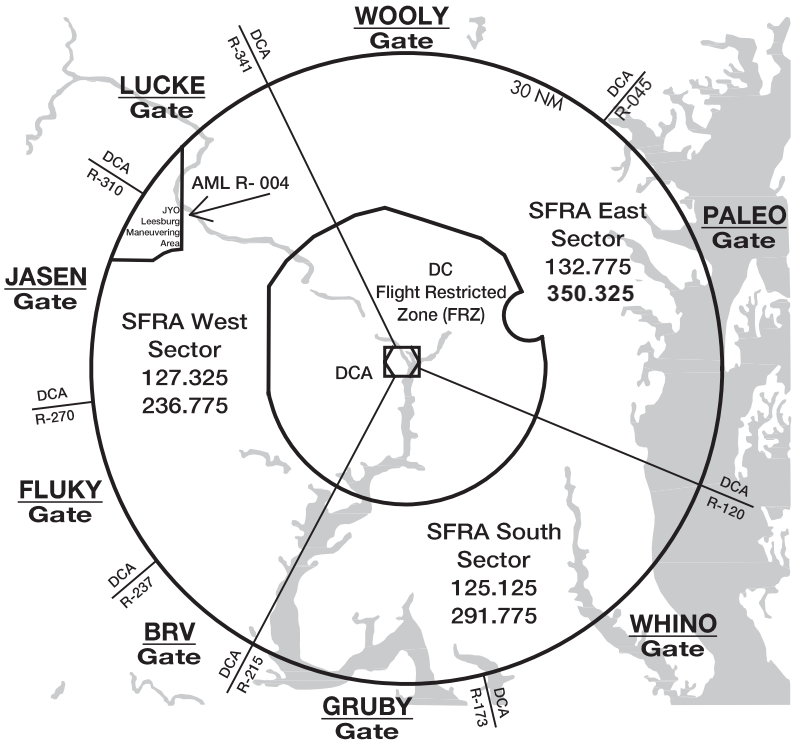
Washington DC SFRA Special Terms and Procedures



Entry/Exit Filing Gates for DC SFRA Flight Plans

Gate (Freq)	Defining Radials (DCA)		Visual Checkpoints	
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 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.faasafety.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 Supplemet 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 39º01´14″N 076º49´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 N39º17´24″, Long W76º36´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 360º 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 N42º47´32″/W071º14´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: 39º21´31″N/74º26´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. (42º56´04″N/78º23´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 40º49´17″N 073º56´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.

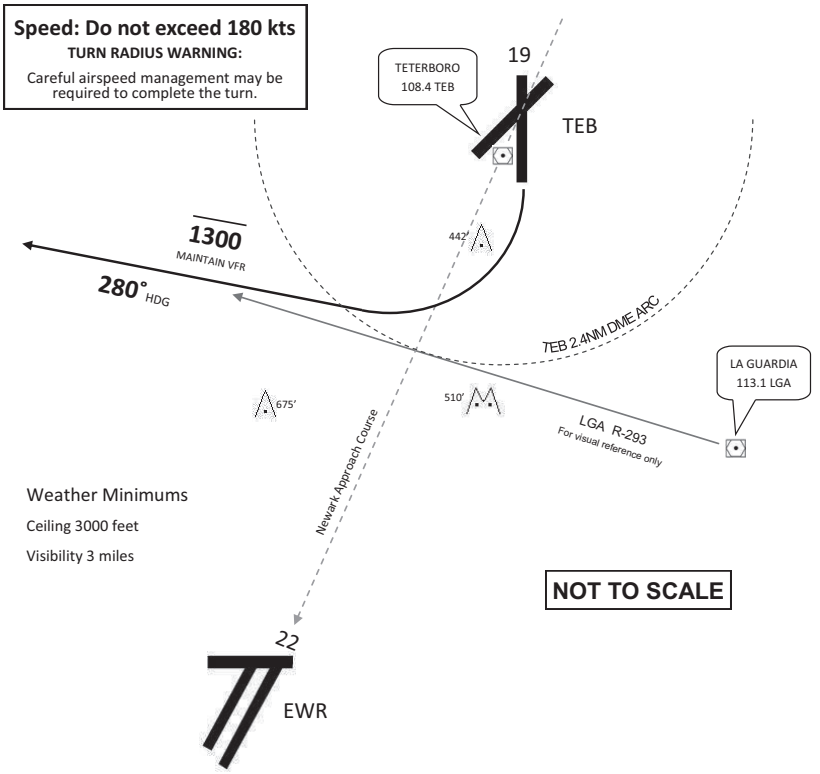
TERMINAL AREA GRAPHIC NOTICE

(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

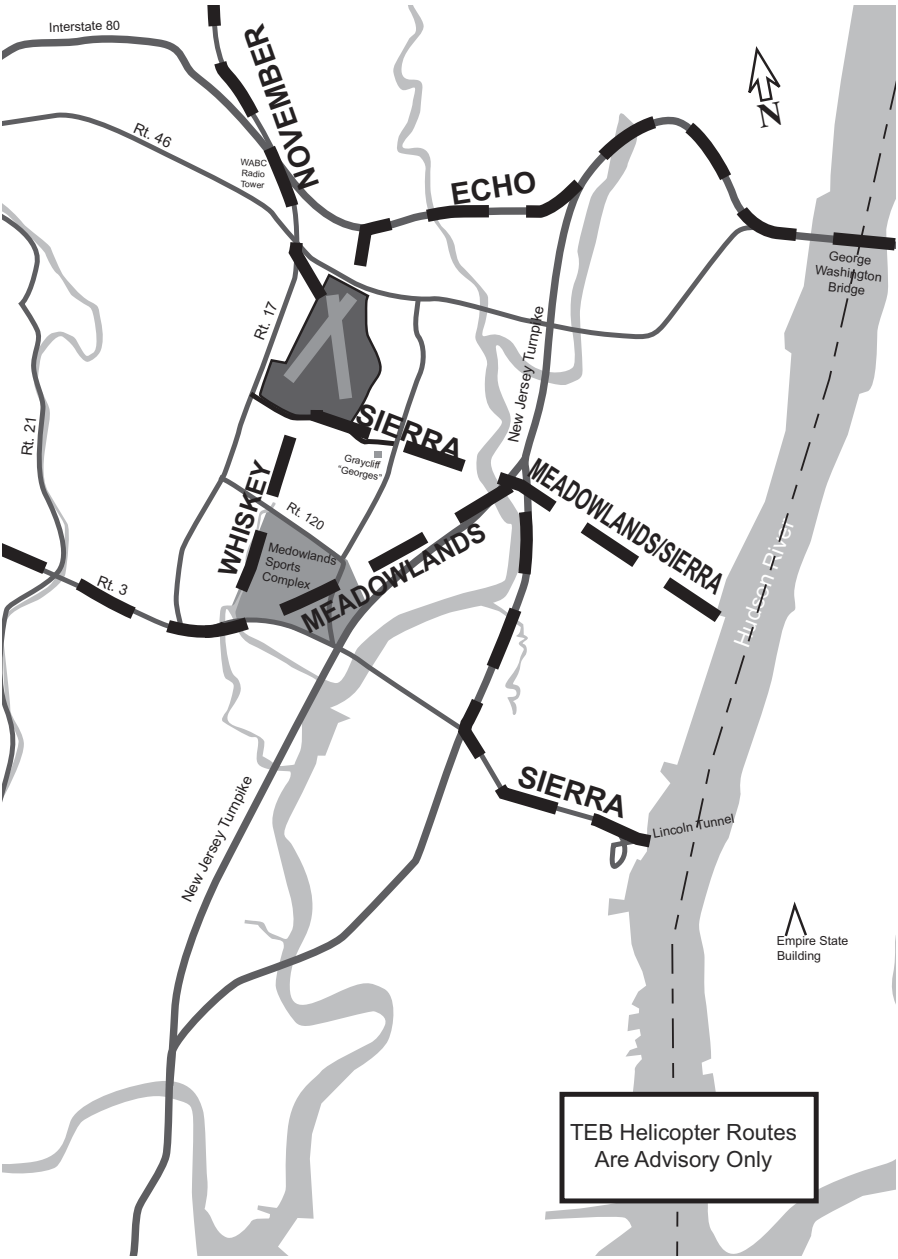
After departure turn right heading **280°**. Maintain at or below **1300'**. Do not exceed **180 kts**. Complete the turn within TEB **2.4 NM** DME. Maintain VFR, if unable advise. Careful airspeed management may be required to complete the turn, depending on takeoff weight and/or aircraft performance.

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.

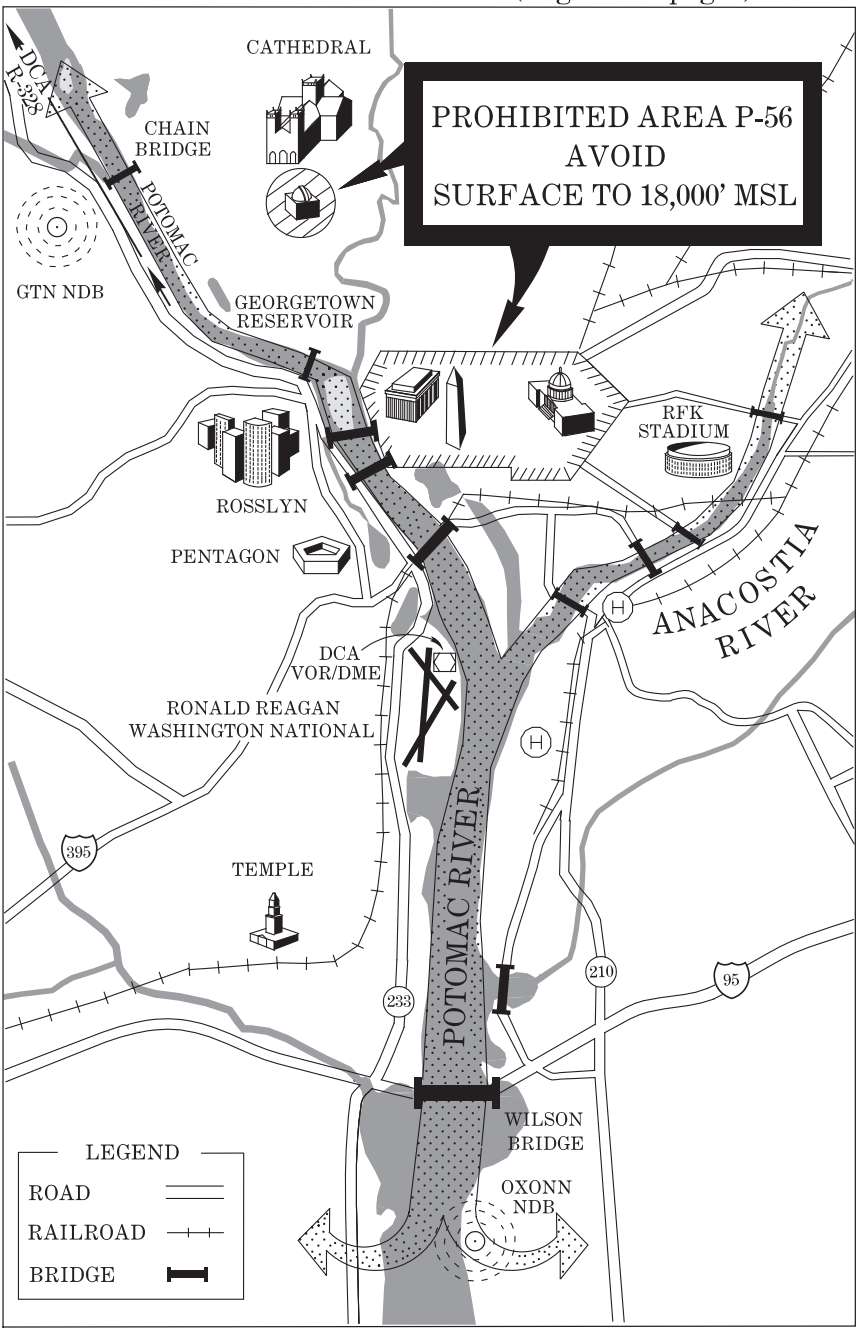
In the event of lost communication prior to IFR activation, squawk 7600 and maintain VFR.

Aircraft unable to comply with the restrictions in this chart must advise tower prior to taxi and request the published standard instrument departure.

TETERBORO HELICOPTER ROUTES



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 43º06´33″N., longitude 79º03´30″W. (the Whirlpool Rapids Bridge) to latitude 43º04´47″N., longitude 79º02´44″W. (the Niagara River Inlet) to latitude 43º04´29″N., longitude 79º03´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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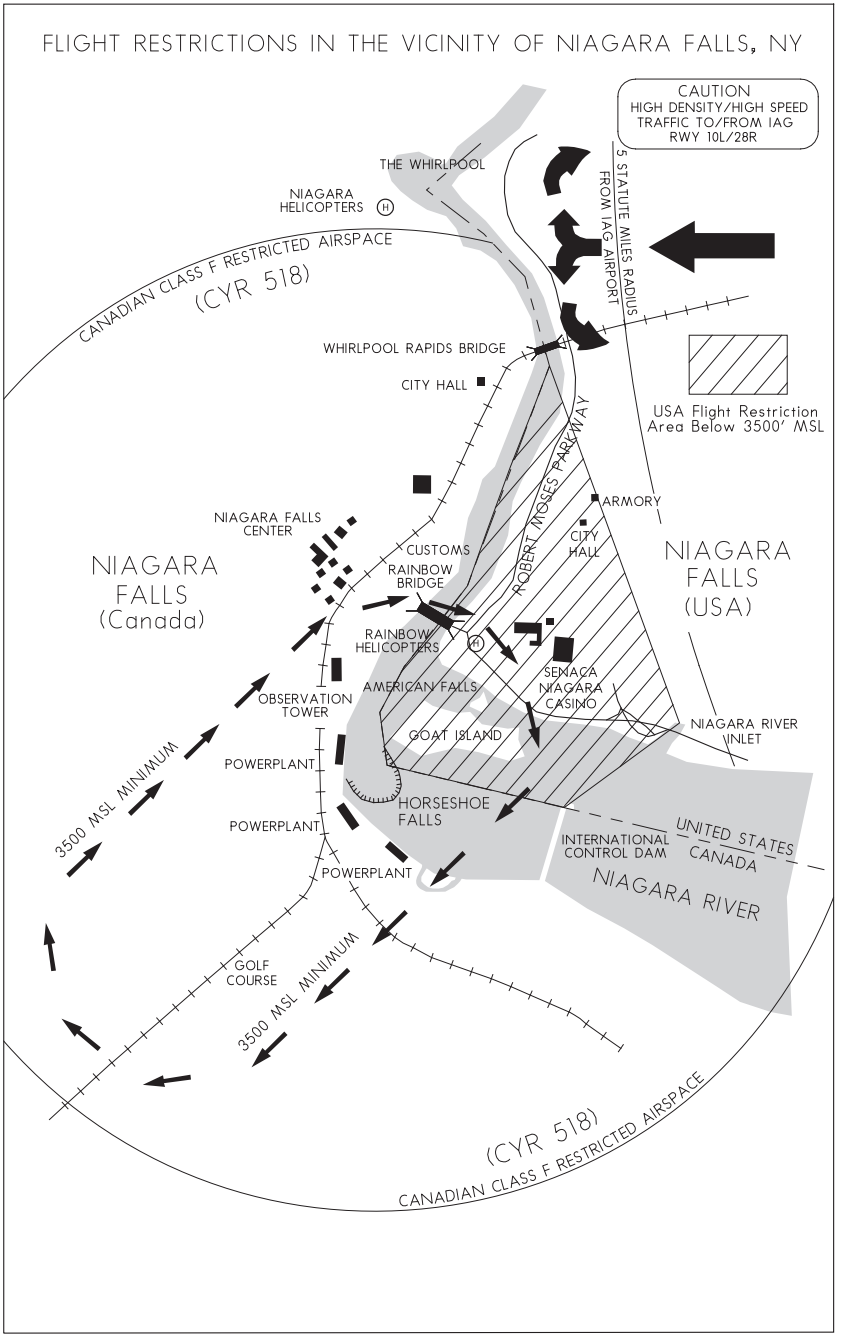
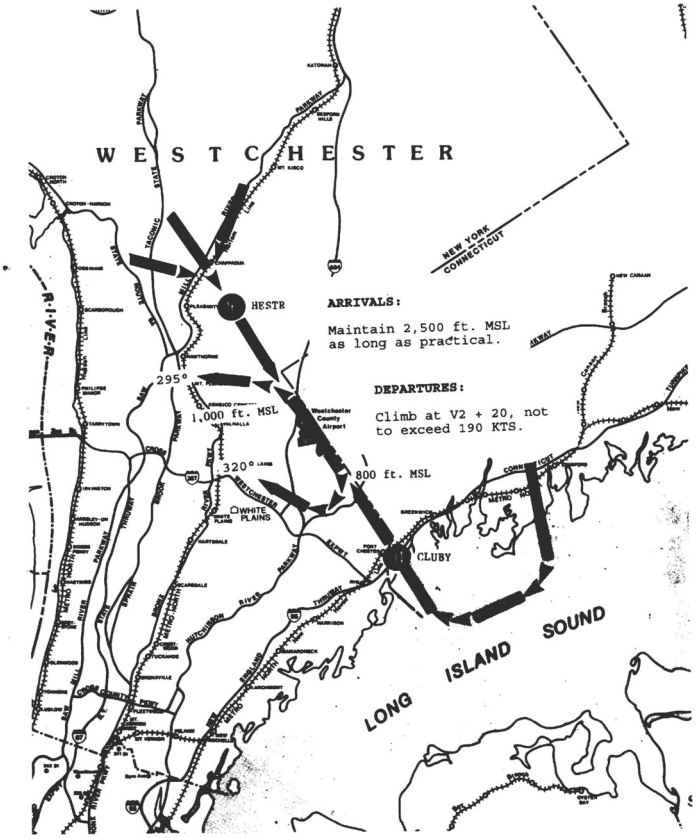


Office of Primary Responsibility (OPR): Air Traffic Organization, Mission Support Services, Policy, Airspace Rules and Regulations
Contact Information: (202) 267-8783
Amended: August 2023

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.

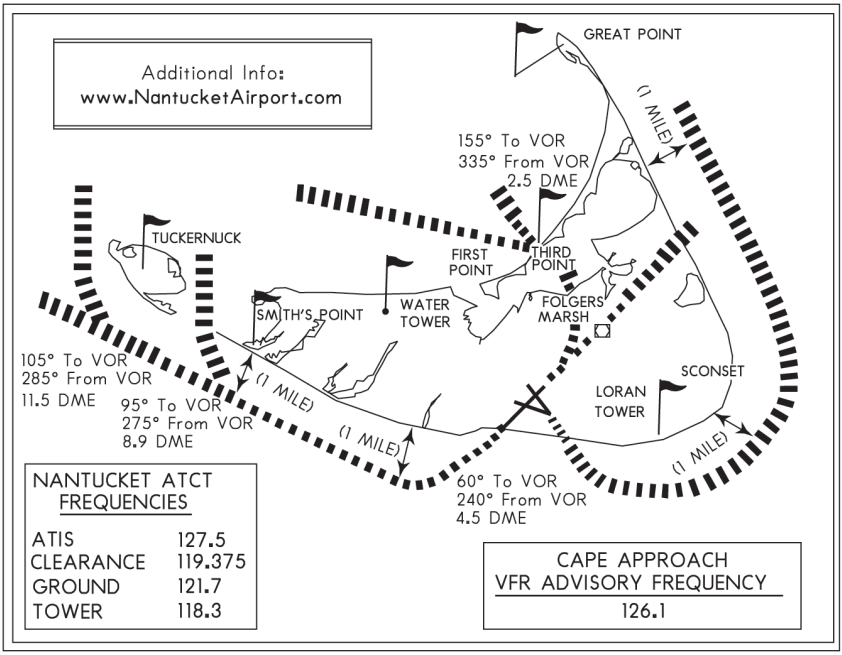
TWINS - Remain over water and expect to land on Runway 24 (wind permitting). Contact Tower for landing sequence abeam Great Point. Cross Third Point at 1000' AGL. Follow Folgers Marsh (right base) for landing on Runway 24.

TURBOPROPS/JETS - Remain over water and expect straight in approach to Runway 24 (wind permitting). Enter final approach offshore outside Outer Marker.

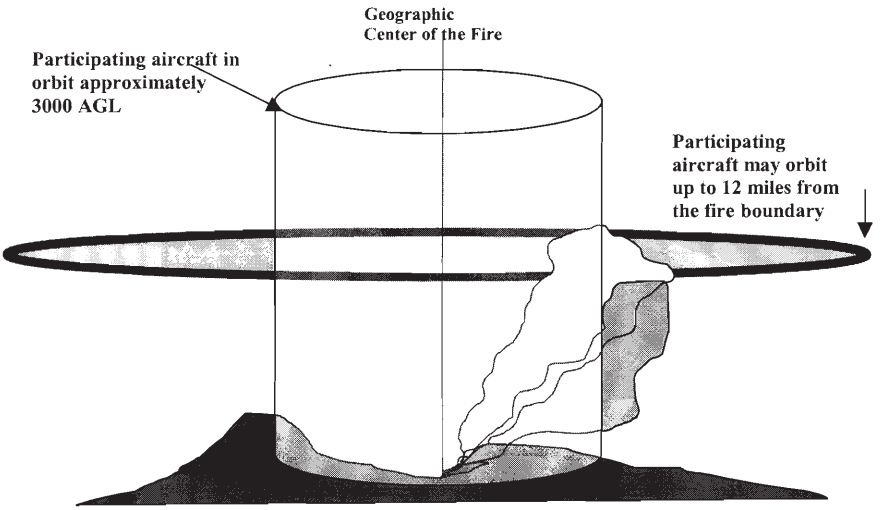
DEPARTURES

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



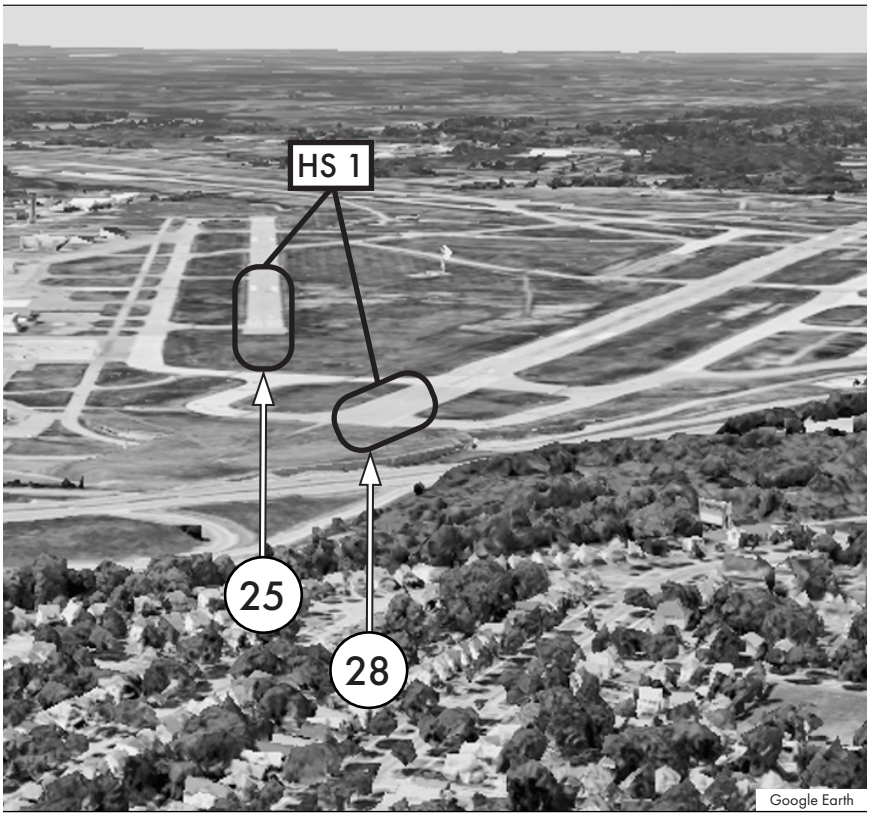
Pilots are advised to stay clear of Firefighting Traffic Areas. Remain 15 miles from the area of activity. If you must over-fly the area, do so at an altitude of 5000 feet AGL above. However, to remain safe and out of the way of working aircraft, it is best to circumnavigate the area.

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.

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
For Inquiries: 9-awa-RunwaySafety@faa.gov
Effective 19 MAY 2022 to 16 MAY 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.

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.

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	404–305–5180	7:00 a.m.–3:30 p.m.	305–356–7932
George Bush 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
- o 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** **(KZBW)**
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 **243.0** **H–2–5–10–11–12, L–27–28–29–30–31–32**

Algonac – **134.775** 132.25 **126.525** **379.95** 298.875 **285.525** 269.2 **244.575** **(KZOB)**
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 **243.0** **H–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 (Arpt 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 (Arpt 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 McGruire DIX Lakehurst))	110.6/GXU	G	212	0.3	Rwy 06 runup pad.

NEW YORK

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
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	

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

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–31Oct. **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.

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 ngts 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.

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 ngts 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. N**ew 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) Wallkill	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.**

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) Perkasie, 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.

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 daylgt 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	12,500 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 (ØOH8) 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 (CYZD) 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 (CYZX) 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 (CNZ8) 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/Huronia, 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 (CYOO) 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 (CYOW) 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 Clnc 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. Catherines/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 Clnc 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) Clnc 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
Wiarton, 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 Clnc 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 Clnc 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

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 navaids.
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 navaids, 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 STARSs 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	1100–0300
	or	
	(70–170 INCL, LESS THAN 250 KTS)V123	1100–0300
NEWARK(EWR)	(70–170; TURBOJET)ALB V213 FLOSI FLOSI (RNAV)–STAR	1100–0300
	or	
	(70–170; NON–TURBOJET)V489 COATE	1100–0300
PHILADELPHIA(PHL)	(60–170, LESS THAN 210 KTS; TURBOPROPS ONLY, GPS OR DME/DME OR IRU EQUIPPED)ALB CEDOR DNY LAAYK LVZ V29 PTW	1100–0300
	or	
	(70–170; TURBOJET)ALB CEDOR DNY SLATT–STAR	
	or	
	(60–170, GREATER THAN 210 KTS; TURBOPROPS ONLY, GPS OR DME/DME OR IRU EQUIPPED)CEDOR DNY LAAYK LVZ V613 FJC PTW	1100–0300
PHILADELPHIA(PNE)	(90–170; TURBOJETS ONLY, GPS OR DME/DME OR IRU EQUIPPED)ALB CEDOR DNY LAAYK LVZ V29 ETX V30 TROXL ARD	1100–0300
	or	
	(90–170; TURBOPROPS ONLY, GPS OR DME/DME OR IRU EQUIPPED)ALB CEDOR DNY LAAYK LVZ V613 FJC ARD	1100–0300

Terminals	Route	Effective Times (UTC)
TRENTON(TTN)	(90–170; TURBOJETS ONLY, GPS OR DME/DME OR IRU EQUIPPED)ALB CEDOR DNY LAAYK LVZ V29 ETX V30 TROXL ARD	1100–0300
	or	
	(90–170; TURBOPROPS ONLY, GPS OR DME/DME OR IRU EQUIPPED)ALB CEDOR DNY LAAYK LVZ V613 FJC ARD	1100–0300
BALTIMORE(BWI)		
ALBANY(ALB)	V93 LRP V499 CFB V270 DNY	1100–0400
BINGHAMTON(BGM)	VINNY V93 LRP V499 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)	(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	
	(110–170 INCL)PALEO V44 SIE AVALO T320 ORCHA LIBBE FLAPE DEEPO	1100–0300
	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; LESS THAN 250 KTS)PALEO–DP ACY V184 ZIGGI	1100–0300
	or	
	(90–170 INCL; 250 KTS OR GREATER)PALEO–DP ACY T315 PANZE V44 CAMRN	1100–0300
NEW YORK(LGA)	(TURBOJETS)PALEO–DP ENO KORRY–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 INCL; PROPS)GRACO T291 FAGED V286 STEIN	1100–0300
	or	
	(70–170; TURBOJETS)CONLE (RNAV)–DP COLIN T291 FAGED V286 STEIN	1100–0300
OXFORD(OXC)	(AOA 7000; TWIN ENGINE)PALEO–DP SIE AVALO T320 RICED KEYED	
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	

Terminals	Route	Effective Times (UTC)
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
BEDFORD(BED)		
TETERBORO(TEB)	(110–160)REVSS BLZZR MOBBS T295 SAGES V489 COATE	
BOSTON(BOS)		
CLEVELAND METRO(CLE,CGF,BKL,LNN,LPR)	(110–170)HYLND MANCH T316 LAMMS T608 SYR V84 GEE THOME TRYBE (RNAV)–STAR	1100–0300
ERIE(ERI)	(080–100; RNAV/GNSS EQUIPPED ONLY)GLYDE V270 ULW JHW	
NEW YORK(JFK)	(110–170; TURBOJETS ONLY: DME/DME/IRU OR GPS REQUIRED)SSOXS BUZRD SEY PARCH (RNAV)–STAR	1100–0300
	or	
	(AOB 100)BOSOX V1 GRAYM T320 YANTC T224 CCC V46 DPK	
	or	
	(110–170; PROPS)SSOXS LUCOS SEY067 SEY HTO V46 DPK	
NEW YORK(LGA)	(110–170; PROPS & TURBOPROPS OPERATING AT LESS THAN 250K IAS)REVSS BAF PWL V405 CASSH V123 HAARP	1100–0300
	or	
	(110–170; TURBOJETS ONLY: DME/DME/IRU OR GPS REQUIRED)PATSS (RNAV)–DP PATSS NELIE VALRE HAARP–STAR	1100–0300
	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	1100–0300
	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	1100–0300
	or	
	(110–170; GPS OR DME/DME OR IRU EQUIPPED)BLZZR BAF SASHA T295 LVZ V613 FJC PTW	1100–0300
PHILADELPHIA(PNE)	(110–170; JETS)BOS SSOXS LUCOS SEY ORCHA T320 BRIGS CEDAR LAKE–STAR	1100–0300
	or	
	(90–170; TURBOPROPS ONLY, GPS OR DME/DME OR IRU EQUIPPED)BLZZR BAF SASHA T295 LVZ V613 FJC ARD	1100–0300
	or	
	(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 V268 SEY ORCHA T320 BRIGS ACY V184 OOD	1100–0300
	or	
	(60–100)(WATER ROUTE)BURDY V268 SEY ORCHA T320 MANTA T438 ARD	1100–0300
	or	
	(110–170)(WATER ROUTE)BOS SSOXS LUCOS SEY ORCHA MANTA T438 ARD	1100–0300
ROCHESTER(ROC)	(11000'–17000')HYLND MANCH T316 LAMMS T608 ROC	
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)	(90–170; TURBOPROPS ONLY, GPS OR DME/DME OR IRU EQUIPPED)BLZZR BAF SASHA T295 LVZ V613 FJC ARD	1100–0300
	or	
	(60–100)(WATER ROUTE)BURDY V268 SEY ORCHA T320 MANTA T438 ARD	1100–0300
	or	
	(110–170)(WATER ROUTE)BOS SSOXS LUCOS SEY ORCHA T320 MANTA T438 ARD	1100–0300
VINEYARD HAVEN(MVY)	BOS V141 DUNKK	
WASHINGTON(DCA)	(80–170 INCL; NON–TURBOJET)BURDY V268 SEY ORCHA T320 VAALI CAPKO	1100–0300
WHITE PLAINS(HPN)	(110–170; RNAV ONLY:TURBOJETS & PROPS AT 250K IAS OR GREATER)PATSS NELIE VALRE VALRE–STAR	1100–0300
	or	
	(110–170; PROP AND TURBOPROP AT LEST THAN 250K IAS)REVSS BAF PWL V405 CASSH V123 HAARP	1100–0300
WILMINGTON(ILG)	(60–100; NON–TURBOJET)(WATER ROUTE)BURDY V268 SEY ORCHA T320 BRIGS ACY V184 OOD	1100–0300
	or	
	(110–170; NON–TURBOJET)(WATER ROUTE)BOS SSOXS LUCOS SEY ORCHA T320 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	

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)		
ALLENTOWN(ABE)	(110–170)ALB DNY LAAYK LVZ V613 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 MVY	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 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

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 MVY	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 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

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)ACK 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 or (110–170 INCL; PROPS ONLY)MAD V1 HFD T315 GDM T314 MANCH	1100–0300 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; JETS ONLY)MERIT HFD CRIBB ROZZE (RNAV)–STAR or (110–170 INCL; PROPS ONLY)ORCHA T320 GDM T314 MANCH	1100–0300 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

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; DME/DME/IRU OR GNSS REQUIRED)MERIT ROBUC (RNAV)–STAR	1100–0300
	or	
	(110–170 INCL; PROPS ONLY)MERIT ORW WOONS–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)	(90–130 INCL)COATE T218 TALLI LVZ T295 DUMMR T299 REEES	
	or	
	(140–160)RBV T438 DUMMR T299 REEES	
HARRISBURG(MDT)	(90–130 INCL)COATE T218 TALLI LVZ T295 DUMMR	1100–0300
	or	
	(140–160 INCL)RBV T438 DUMMR T299 HWANG	
	or	
	(90–130 INCL)COATE T218 TALLI LVZ T295 DUMMR T299 HWANG	1100–0300
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)	(140–170 INCL)GAYEL V374 CFB V252 GIBBE	1100–0300
	or	
	(90–130 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
SYRACUSE(SYR)	(140–170 INCL)GAYEL V374 CFB	1100–0300
	or	
	(90–130 INCL)HAAYS HUO V252 CFB V29	1100–0300
TORONTO(CYYZ)	(NON JET ACFT ONLY)GAYEL V374 CFB V270 ULW WOZEE VERKO (CANADIAN) (RNAV)–STAR	
	or	
	(NON JET ACFT ONLY)COATE LAAYK 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

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; 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)BDR V487 BTV	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)MERIT HFD GRAYM–STAR	1100–0300
GLENS FALLS(GFL)	(110–170 INCL)BDR V487 CAM	1100–0300
HARRISBURG(CXY)	(90–100)LANNA V30 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)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; JETS ONLY)MERIT HFD CRIBB ROZZE (RNAV)–STAR	1100–0300
	or	
	(110–170 INCL; PROPS ONLY)MERIT HFD T315 GDM T314 MANCH	1100–0300
MONTREAL(CYUL)	(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)	(90–100 INCL)LANNA V30 PSB HAYNZ (RNAV)–STAR	1100–0300
	or	
	(140–170)ELIOT V39 ETX V30 PSB HAYNZ (RNAV)–STAR	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)	(110–130 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, LESS THAN 250 KTS)HAAYS HUO V252 CFB V29	1100–0300
	or	
	(90–170 INCL, 250 KTS PLUS)GAYEL CFB	
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

Terminals	Route	Effective Times (UTC)
WASHINGTON(IAD)	(140–170 INCL PROPS)ELIOT V39 LRP V143 MULRR AML or (90–130 INCL PROPS)LANNA V30 ETX V39 LRP V143 MULRR AML	1100–0300 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; PROPS ONLY)STUBY SASHA T295 WARIC GDM GARDNER–STAR or (110–170 INCL; JETS ONLY)PWL STUBY WHATE JFUND (RNAV)–STAR	1100–0300 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 INCL; JETS ONLY)BDR V487 CANAN or (110–150 ONLY; PROPS ONLY)BREZY V39 SOARS V487 CANAN	1100–0300 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 or (110–170 INCL; JETS ONLY)MERIT HFD DREEM (RNAV)–STAR	1100–0300 1100–0300
BEVERLY(BVY)	(110–170 INCL; JETS ONLY)MERIT HFD DREEM (RNAV)–STAR or (110–170 INCL; PROPS ONLY)BREZY V39 CMK MERIT HFD DREEM (RNAV)–STAR	1100–0300 1100–0300
BINGHAMTON(BGM)	(90–170 INCL)HAAYS HUO V252 CFB	1100–0300

Terminals	Route	Effective Times (UTC)
BOSTON(BOS)	(110–170 INCL; PROPS ONLY)BREZY V39 CMK MERIT ORW WOONS–STAR	1100–0300
	or	
	(110–170; TURBOJET: DME/DME/IRU OR GNSS REQUIRED)MERIT ROBUC (RNAV)–STAR	1100–0300
BUFFALO(BUF)	(90–170 INCL)COATE LAAYK ULW ULW306 BENEE	1100–0300
BURLINGTON(BTV)	(110–170 INCL)BDR V487 BTV	1100–0300
CLEVELAND(CLE)	(140–170 INCL)ELIOT V39 ETX V30 SEG PSB UPPRR TRYBE (RNAV)–STAR	1100–0300
	or	
	(90–100 INCL)LANNA V30 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; PROPS ONLY)BREZY V39 CMK MERIT HFD GRAYM–STAR	1100–0300
	or	
	(110–170 INCL; JETS ONLY)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)	(90–100 INCL)LANNA V30 ETX T299 HWANG	1100–0300
	or	
	(110–170 INCL)ELIOT V39 ETX T299 HWANG	1100–0300
HYANNIS(HYA)	(110–170 INCL; PROPS ONLY)BREZY V39 CMK BAYYS SEALL V188 GON V374 MVY	1100–0300
	or	
	(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; 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)MERIT HFD GRAYM–STAR	1100–0300
	or	
	(110–170 INCL; PROPS ONLY)BREZY V39 CMK 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 V30 ETX V39	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; JETS ONLY)BAYYS SEALL V188 GON V374 MINNK	1100–0300
	or	
	(110–170 INCL; PROPS ONLY)BREZY V39 CMK BAYYS SEALL V188 GON V374 MINNK	1100–0300
NORFOLK(ORF)	(90–170 INCL)WHITE V1 CCV	1100–0300
NORWOOD(OWD)	(110–170 INCL; PROPS ONLY)BREZY V39 CMK MERIT ORW WOONS–STAR	1100–0300
	or	
	(110–170 INCL)MERIT ORW WOONS–STAR	1100–0300
OTTAWA(CYOW)	(110–170 INC; PROPS ONLY)BREZY V39 SOARS V487 CAM BUGSY DEANS (CANADIAN) (RNAV)–STAR	

Terminals	Route	Effective Times (UTC)
PITTSBURGH(PIT)	(140–170 INCL)ELIOT V39 ETX V30 PSB HAYNZ (RNAV)–STAR	1100–0300
	or	
	(90–100 INCL)LANNA V30 PSB HAYNZ (RNAV)–STAR	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 V30 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 METRO(TEB,CDW,LDJ,MMU,SMQ,47N)	(PROPS)SCHOL SBY V29 MXE V3 SBJ	1100–0400
	or	
	(TURBOPROPS)HOUKY T295 SHLBK MAZIE (RNAV)–STAR	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 V499 CFB	
BOSTON(BOS)	(90–170 INCL)DITCH T416 DRIFT T320 YANTC T224 WOONS	1100–0300
BUFFALO(BUF)	PTW CHLSE DIANO V164 FQM ULW BUF	
ELMIRA/CORNING(ELM)	PTW CHLSE DIANO V164 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 V499 CFB	
TORONTO(CYYZ)	PTW CHLSE DIANO V164 FQM ULW WOZEE LINNG (CANADIAN) (RNAV)–STAR	
WASHINGTON(DCA)	(TURBOJETS ONLY)MXE V378 BAL	1100–0300
WASHINGTON(IAD)	(MAX ALTITUDE 16,000; RNAV EQUIPPED ONLY)MXE HYPER (RNAV)–STAR	

Terminals	Route	Effective Times (UTC)
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 CASSH 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)	ROC V147 ULW FQM SEG T291 HAR BAL	
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)HNK V167 WEARD V489 COATE	
	or	
	(110–170 INCL; TURBOJETS,NON–TURBOJETS CAPABLE OF 250K OR GREATER)HNK FLOSI (RNAV)–STAR	
PHILADELPHIA(PHL)	(110–160; TURBOJETS ONLY)SYR V35 ULW V147 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 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
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
KEENE(EEN)	(110–130 ONLY)BREZY V39 CMK MERIT HFD T315 GDM	1100–0300

Terminals	Route	Effective Times (UTC)
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 V499 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)	(5000; SINGE ENGINE)PALEO V312 GOLDA T358 ENO T224 JFK T315 HFD DREEM or	1100–0300
	(70; RNAV ONLY)PALEO V312 GOLDA T358 ENO T224 JFK T315 HFD DREEM (RNAV)–STAR or	1100–0300
	(7000; TWIN ENGINE)PALEO V312 GOLDA T358 AVALO T320 GRAYM DREEM or	1100–0300
	(TURBOJETS)PALEO V44 DONIL WNSTN T320 GON ORW GRAYM–STAR or	1100–0300
	(7000; SINGLE ENGINE)PALEO V312 GOLDA T358 LEEAH V1 JFK T315 HFD DREEM or	1100–0300
	(TURBOJETS)DOCTR (RNAV)–DP AGARD WNSTN T320 GON ORW DREEM (RNAV)–STAR	1100–0300
BINGHAMTON(BGM)	KRANT V265 EMI V457 LRP V499 CFB	1100–0300
BOSTON(BOS)	(7000; TWIN ENGINE)PALEO V312 GOLDA T358 AVALO T320 YANTC T224 WOONS or	1100–0300
	(7000; SINGLE ENGINE ONLY)PALEO V312 GOLDA T358 LEEAH V1 JFK T315 HFD V3 WOONS or	1100–0300
	(90–170 INCL)PALEO V44 DONIL T358 WNSTN T320 YANTC T224 WOONS or	1100–0300
	(5000; SINGLE ENGINE ONLY)PALEO V312 GOLDA T358 ENO T224 JFK T315 HFD V3 WOONS	1100–0300

Terminals	Route	Effective Times (UTC)
BRIDGEPORT(BDR)	(90–170)PALEO V44 DONIL WNSTN T320 RICED KEYED	1100–0300
	or	
	DOCTR (RNAV)–DP AGARD WNSTN T320 RICED KEYED	
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
	or	
	(TURBOJETS)REBLL (RNAV)–DP OTTTO HVQ	1100–0300
CHESTER(SNC)	DOCTR (RNAV)–DP AGARD WNSTN T320 RICED KEYED	
CONCORD(CON)	(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)	(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	
	(5000; SINGLE ENGINE ONLY)PALEO V312 GOLDA T358 ENO T224 JFK	1100–0300
	or	
	(90–170; PROPS)PALEO V44 DONIL T315 PANZE V44 CAMRN	
	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)	(7000; TWIN ENGINE)PALEO V312 GOLDA T358 AVALO T320 RICED MAD V1 HFD	
	or	
	(90–170)PALEO V44 DONIL WNSTN T320 RICED MAD V1 HFD	1100–0300
	or	
	(5000; SINGLE ENGINE ONLY)PALEO V312 GOLDA T358 ENO T224 JFK	
	or	
	(7000; SINGLE ENGINE ONLY)PALEO V312 GOLDA T358 LEEAH V1 JFK	
MATTITUCK(21N)	DOCTR (RNAV)–DP AGARD WNSTN T320 ORCHA	
MONTAUK(MTP)	DOCTR (RNAV)–DP AGARD WNSTN T320 ORCHA	
NANTUCKET(ACK)	(7000; TWIN ENGINE)PALEO V312 GOLDA T358 AVALO T320 ORCHA SEY NEWBE DEEPO	
	or	
	(110–170)DOCTR (RNAV)–DP AGARD 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 T216 NEWBE T300 DEEPO	
	or	
	(7000; SINGLE ENGINE ONLY)PALEO V312 GOLDA T358 LEEAH V1 JFK T315 EEGOR MAD CARLD V188 GON T216 NEWBE T300 DEEPO	
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

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	1100–0300
	or	
	(7000; SINGLE ENGINE ONLY)PALEO V312 GOLDA T358 LEEAH V1 JFK	1100–0300
	or	
	(90–170)PALEO V44 DONIL WNSTN T320 SARDI CCC	1100–0300
NEW YORK(JFK)	(90–170)PALEO V44 DONIL T315 PANZE V184 ZIGGI	1100–0300
	or	
	(90–170 INCL 250 KTS OR GREATER)PALEO V44 DONIL T315 PANZE V44 CAMRN	1100–0300
NEW YORK(SWF)	(GPS OR DME/DME OR IRU EQUIPPED)KRANT V265 EMI V457 LRP T295 PRNCE FILPS	1100–0300
NEWARK(EWR)	(TURBOPROPS)PALEO V170 SWANN BRAND (RNAV)–STAR	1100–0300
NORFOLK(ORF)	AMEEE (RNAV)–DP COLIN FAGED STEIN	
	or	
	WHINO COLIN T291 FAGED V286 STEIN	1100–0300
OXFORD(OXC)	DOCTR (RNAV)–DP AGARD WNSTN T320 RICED KEYED	
PHILADELPHIA(PHL)	(TURBOJETS)DOCTR (RNAV)–DP DOCTR DQO	1100–0400
	or	
	(PROPS)PALEO V170 DQO	1100–0300
	or	
	(110; JETS)MITCH SWANN T356 ODESA 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	1100–0300
	or	
	(5000; SINGLE ENGINE ONLY)PALEO V312 GOLDA T358 ENO T224 JFK T315 GDM T314 ENE	1100–0300
POUGHKEEPSIE(POU)	(GPS OR DME/DME OR IRU EQUIPPED)KRANT V265 EMI V457 LRP T295 PRNCE FILPS	1100–0300
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	1100–0300
ROME(RME)	KRANT V265 EMI V457 LRP V499 CFB LAMMS	1100–0300
TETERBORO METRO(TEB,CDW,LDJ,MMU,SMQ,47N)	(TURBOPROP)PALEO V170 SWANN MAZIE (RNAV)–STAR	1100–0400
VINEYARD HAVEN(MVY)	(7000; TWIN ENGINE)PALEO V312 GOLDA T358 AVALO T320 ORCHA LIBBE FLAPE DEEPO	
	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	

Terminals	Route	Effective Times (UTC)
WESTFIELD/SPRINGFIELD(BAF)	(90–170)PALEO V44 DONIL WNSTN T320 RICED MAD BRISS	1100–0300
	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	
WESTHAMPTON BEACH(FOK)	DOCTR (RNAV)–DP AGARD WNSTN T320 ORCHA	
WHITE PLAINS(HPN)	(90–170; TURBOJETS)DOCTR (RNAV)–DP AGARD V44 DONIL WNSTN T320 RICED RICED–STAR	1100–0300
	or	
	(70, LESS THAN 180KTS)POLLA V170 ODESA MXE ARD METRO V249 SAX V39 BREZY	
	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	
	(210 KTS OR LESS. GPS OR DME/DME OR IRU EQUIPPED)KRANT V265 EMI V457 VINNY T295 LAAYK T212 WEETS V34 MOONI T216 JUDDS	1100–0300
	or	
	(90–170)PALEO V44 DONIL WNSTN T320 BEADS HTO DEER PARK–STAR	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	1100–0300
	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)	(PROPS)WOOLY T356 ODESA DQO V479 RUUTH V123 RENUE	
	or	
	(TURBOJETS ONLY PART 121 AND 129 ONLY)JCOBY (RNAV)–DP AGARD KORRY–STAR	
	or	
	(90–170 INCL.; TURBOPROPS)WOOLY T356 SWANN APPLE (RNAV)–STAR	
NEW YORK(SWF)	(GPS OR DME/DME OR IRU EQUIPPED)MRB REEES 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(OXC)	WOOLY (RNAV)–DP AGARD WNSTN T320 RICED KEYED	
PHILADELPHIA(PHL)	(7000'–17000' INCL)WOOLY T356 ODESA DQO	
TETERBORO(TEB)	(TURBOPROPS)WOOLY T356 SWANN MAZIE (RNAV)–STAR	
WESTHAMPTON BEACH(FOK)	WOOLY (RNAV)–DP AGARD WNSTN T320 ORCHA	
WHITE PLAINS(HPN)	(7000)MRB REEES T299 HUO IGN V157 HAARP	1100–0300
	or	
	(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 LAAYK 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 V30 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 LAAYK 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

Terminals	Route	Effective Times (UTC)
SYRACUSE(SYR)	(90–130 INCL)HAAYS HUO V252 CFB V29	1100–0300
	or	
	(140–170 INCL)HAAYS HUO V252 CFB	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 V30 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)	(70–170 INC; RNAV ONLY, 250K OR LESS)MOBBS SAGES V489 COATE	1100–0300
	or	
	(110–170 INCL; MORE THAN 250 KTS)VEERS IGN FLOSI FLOSI (RNAV)–STAR	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; TURBOJETS ONLY, GPS OR DME/DME OR IRU EQUIPPED)MOBBS SAGES LAAYK LVZ V147 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
PHILADELPHIA(PNE)	(90–170; TURBOPROPS ONLY, GPS OR DME/DME OR IRU EQUIPPED)MOBBS SAGES LAAYK LVZ V613 FJC ARD	1100–0300
	or	
	(110–170; NON–TURBOJET)HFD T216 THUMB ORCHA T320 BRIGS CEDAR LAKE–STAR	1100–0300
	or	
	(110–170)(WATER ROUTE)BOS LUCOS SEY 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 V30 TROXL ARD	1100–0300
TRENTON(TTN)	(090–170; TURBOJETS ONLY, GPS OR DME/DME OR IRU EQUIPPED)MOBBS SAGES LAAYK LVZ V29 ETX V30 TROXL ARD	1100–0300
	or	
	(110–170)(WATER ROUTE)HFD T216 THUMB ORCHA T320 MANTA T438 ARD	1100–0300
	or	
	(90–170; TURBOPROPS ONLY, GPS OR DME/DME OR IRU EQUIPPED)MOBBS SAGES LAAYK LVZ V613 FJC 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 OZZZI (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 or (DME/DME/IRU OR GPS REQUIRED)(DTW NORTH FLOW)PAYGE Q822 GONZZ DONEO CUUGR (RNAV)–STAR	1100–0300 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 KYYUU LUBBR (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	

Terminals	Route	Effective Times (UTC)
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 TARPN (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 LEEAH ATR TRPOD Q409 PUPYY Q103 CYNTA SHFTY (RNAV)–STAR	
ATLANTA(ATL)	LEEAH ENO SWANN YANNI CSN J48 MOL FLASK OZZZI (RNAV)–STAR	
FLL,OPF	(JETS ONLY, EXCLUDES EA50, ES0P, SF50, CS10, CS25)(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 WYLMS	
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 DULEE 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 TARPN (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,X50	COASTAL–DP CCC Q97 SAWED MOXXY Q85 LPERD TTHOR (RNAV)–STAR	1100–0300
BWI,MTN	COASTAL–DP CCC TOPRR Q167 ZIZZI KNUKK ATR LAFLN 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 WYLMS	
ORLANDO(MCO)	(MCO LANDING SOUTH)COASTAL–DP CCC Q97 SAWED MOXXY Q85 LPERD GTOUT (RNAV)–STAR	

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 SOOOP	
WASHINGTON(DCA)	(TURBOJETS)COASTAL–DP CCC TOPRR Q167 ZIZZI 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 SQS 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 SCRLT SCRLT (RNAV)–STAR	
COLUMBUS(LCK)	TERPZ (RNAV)–DP RAMAY Q72 HACKS SCRLT SCRLT (RNAV)–STAR	
COLUMBUS(OSU)	TERPZ (RNAV)–DP RAMAY Q72 HACKS SCRLT (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 FEWWW SEEVR (RNAV)–STAR or (DFW NORTH FLOW)TERPZ (RNAV)–DP OTTTO Q80 FAREV RAMRD Q68 LITTR FEWWW 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	

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 OTTTO 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 MERDN 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 KYYUU 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	Route	Effective Times (UTC)
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 BNFSH (RNAV)–STAR or BEEKN Q97 DEBRL CSTAL (RNAV)–STAR	
7FL6,DAB,DED,EVB,LEE,OMN,ORL,SFB,X50	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 SOUTH FLOW)GONZZ DONEO TPGUN (RNAV)–STAR or (DME/DME/IRU OR GPS REQUIRED)(DTW NORTH FLOW)GONZZ DONEO CUUGR (RNAV)–STAR	1100–0300 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 or KAYCC KYLOH NELIE Q75 MXE CLIPR (RNAV)–STAR	1100–0400 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 BNFSH (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	

Terminals	Route	Effective Times (UTC)
PHILADELPHIA(PNE)	PUT CCC MANTA V276 ARD	
SARASOTA/BRADENTON(SRQ)	(JETS/TURBOPROPS ONLY)REVSS NELIE Q75 SLOJO Q103 PUPYY KYYUU 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	(DEEP OCEAN)SSOXS (RNAV)–DP SSOXS Q167 SPDEY Y488 STERN Y493 BAHAA DULEE CLMNT (RNAV)–STAR or (JETS ONLY)(WATER)SSOXS (RNAV)–DP SSOXS Q167 RIFLE HEADI Q97 KALDA Q131 WAALT Y289 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 TARPN (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 BNFSH (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 BNFSH (RNAV)–STAR	
7FL6,DAB,DED,EVB,LEE,OMN,ORL,SFB,X50	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 OZZZI (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 EHMAN	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 SOUTH FLOW)BLZZR (RNAV)–DP BLZZR BAF Q406 BWZ J6 HVQ Q68 LITTR FEWWW SEEVR (RNAV)–STAR or (DFW NORTH FLOW)BLZZR (RNAV)–DP BLZZR BAF Q406 BWZ J6 HVQ Q68 LITTR FEWWW BRDJE (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)(DEEP OCEAN)SSOXS (RNAV)–DP SSOXS Q167 SPDEY Y488 STERN Y493 JENKS MAJIK CUUDA (RNAV)–STAR	
	or	
	(JETS ONLY, EXCLUDES EA50, E50P, SF50, C510, C525)(WATER)SSOXS (RNAV)–DP SSOXS Q167 RIFLE HEADI Q97 KALDA Q133 CHIEZ Y291 MAJIK CUUDA (RNAV)–STAR	
	or	
	SSOXS (RNAV)–DP SSOXS Q167 RIFLE HEADI Q97 PRMUS 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 JIIMS (RNAV)–STAR	1100–0300
INDIANAPOLIS(IND)	BLZZR (RNAV)–DP BLZZR BAF Q480 AIR RINTE SNKPT (RNAV)–STAR	1100–0300
ISM,LEE,MCO,ORL,SFB	(JETS ONLY)(WATER)SSOXS (RNAV)–DP SSOXS Q167 RIFLE HEADI Q97 KALDA Q131 WAALT Y289 BAHAA HIBAC ALYNA (RNAV)–STAR	
	or	
	(JETS)(WATER)SSOXS (RNAV)–DP SSOXS Q167 RIFLE HEADI Q97 KALDA Q131 WAALT Y289 BAHAA HIBAC ALYNA (RNAV)–STAR	
	or	
	(DEEP OCEAN)SSOXS (RNAV)–DP SSOXS Q167 SPDEY Y488 STERN Y493 BAHAA HIBAC ALYNA (RNAV)–STAR	
ISM,MCO	(MCO LANDING NORTH)SSOXS (RNAV)–DP SSOXS Q167 RIFLE HEADI Q97 SAWED MOXXY Q85 LPERD SNFLD (RNAV)–STAR	
JACKSONVILLE(JAX)	(TURBOJETS ONLY: DME/DME/IRU OR GPS REQUIRED)SSOXS (RNAV)–DP SSOXS Q167 RIFLE HEADI 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

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 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	
ROCHESTER(ROC)	HYLND (RNAV)–DP HYLND CAM SYR	
SALT LAKE CITY(SLC)	(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
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 Y488 SAUCR L453 CERDA FIPEK Y355 PLING RTE7 SAALR or (WATER)SSOXS (RNAV)–DP SSOXS Q167 SPDEY Y489 RESQU SKPPR L455 LENNT M423 PLING RTE7 SAALR	
SARASOTA/BRADENTON(SRQ)	(JETS/TURBOPROPS ONLY)PATSS (RNAV)–DP PATSS NELIE Q75 SLOJO Q103 PUPYY KYYUU LUBBR (RNAV)–STAR	
SAVANNAH(SAV)	SSOXS (RNAV)–DP SSOXS Q167 RIFLE HEADI Q97 SAWED GUILD Q409 SESUE SOOOP	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	1100–0300
WASHINGTON(DCA)	PATSS (RNAV)–DP PATSS NELIE Q75 MXE CLIPR (RNAV)–STAR or (TURBOJETS)SSOXS (RNAV)–DP SSOXS Q167 ZIZZI KNUKK ATR LAFLN DEALE (RNAV)–STAR	1100–0300 1100–0300
WASHINGTON(IAD)	(AOA FL240; TURBOJETS ONLY: DME/DME/IRU OR GPS REQUIRED)BLZZR (RNAV)–DP BLZZR BAF HYPER (RNAV)–STAR or (AOB 220; TURBOPROPS)BLZZR BAF SAGES LAAYK MIP SEG LEGGO (RNAV)–STAR	1100–0300 1100–0300
WHITE PLAINS(HPN)	(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 ZIZZI KNUKK ATR LAFLN MIIDY (RNAV)–STAR	1100–0300
WASHINGTON(DCA)	BEADS EMJAY Q167 ZIZZI 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 CINCE–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 CYNTA 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 or (TURBOJET)AUDIL RKA NOBBI–STAR	1100–0300 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	

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 or (DME/DME/IRU OR GPS REQUIRED)(DTW SOUTH FLOW)GONZZ DONEO TPGUN (RNAV)–STAR	1100–0300 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 HYPER (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 TARPN (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	

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 WYLMS	
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 KORRY–STAR	
DCA,DAA,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 KYYUU 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)PPORT (RNAV)–DP CCC Q97 KENLL TARPN (RNAV)–STAR	
ATLANTA(ATL)	(RNAV ONLY)PPORT (RNAV)–DP BAF Q448 PTW J48 MOL FLASK OZZZI (RNAV)–STAR	
BWI,MTN	PPORT (RNAV)–DP CCC TOPRR Q167 ZIZZI KNUKK ATR LAFLN MIIDY (RNAV)–STAR	1100–0300
CHARLOTTE(CLT)	PPORT (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

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	1100–0300
	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)PPORT (RNAV)–DP CCC Q97 KALDA Q133 CHIEZ Y291 MAJIK CUUDA (RNAV)–STAR	
	or	
	(JETS ONLY, EXCLUDES EA50, E50P, SF50, C510, C525)PPORT (RNAV)–DP CCC Q97 PRMUS CUUDA (RNAV)–STAR	
ISM,LEE,MCO,ORL,SFB	(JETS ONLY)(WATER)PPORT (RNAV)–DP CCC Q97 KALDA Q131 WAALT Y289 BAHAA HIBAC ALYNA (RNAV)–STAR	
ISM,MCO	(MCO LANDING SOUTH)PPORT (RNAV)–DP CCC Q97 SAWED MOXXY Q85 LPERD GTOUT (RNAV)–STAR	
	or	
	(MCO LANDING NORTH)PPORT (RNAV)–DP CCC Q97 SAWED MOXXY Q85 LPERD SNFLD (RNAV)–STAR	
MYRTLE BEACH(MYR)	PPORT (RNAV)–DP CCC Q97 PAACK WYLMS	
ORLANDO(MCO)	(MCO LANDING SOUTH)PPORT (RNAV)–DP CCC Q97 SAWED MOXXY Q85 LPERD GTOUT (RNAV)–STAR	
PHILADELPHIA(PHL)	PPORT (RNAV)–DP CCC MANTA Q439 BRIGS JIIMS (RNAV)–STAR	
TAMPA(TPA)	PPORT (RNAV)–DP NELIE Q75 TEUFL BAAMF DADES (RNAV)–STAR	1100–0300
WASHINGTON(DCA)	PPORT (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)PPORT (RNAV)–DP BAF HYPER (RNAV)–STAR	
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 CPTAN (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	

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 ZIZZI 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 VALRE–STAR	
NEW HAVEN(HVN)		
06FA,BCT,FXE,PBI,PMP	BEADS EMJAY Q167 ZJAAY Q97 KENLL CPTAN (RNAV)–STAR	
NEW YORK(ISP)		
06FA,BCT,F45,PBI	(JETS ONLY)(WATER)BEADS EMJAY Q167 ZJAAY KALDA Q131 WAALT Y289 DULEE CLMNT (RNAV)–STAR	
06FA,BCT,FXE,PBI,PMP	BEADS EMJAY Q167 ZJAAY Q97 KENLL CPTAN (RNAV)–STAR	
07FA,HST,MIA,TMB,X51	BEADS EMJAY Q167 ZJAAY Q97 DEBRL CSTAL (RNAV)–STAR or (JETS ONLY. EXCLUDES EA50. E50P. SF50. C510. C525)(WATER)BEADS EMJAY Q167 ZJAAY KALDA Q101 SKARP Y313 HOAGG BNFSH (RNAV)–STAR	
APF,FMY,MKY,RSW	(JETS ONLY)(WATER)BEADS EMJAY Q167 ZJAAY KALDA Q131 WAALT Y289 BAHAA HIBAC SHFTY (RNAV)–STAR	
BINGHAMTON(BGM)	(JETS)NEION J223 CORDS CFB	
BUFFALO(BUF)	(TURBOJETS)NEION J223 CORDS ULW BENEE	
BWI,MTN	BEADS EMJAY Q167 ZIZZI KNUKK ATR LAFLN MIIDY (RNAV)–STAR	
CHICAGO(ORD)	(TURBOJETS RNAV 1)COATE Q436 EMMMA WYNDE (RNAV)–STAR	
CJR,EZF,FRR,HEF,HWY,IAD,JYO,MRB,NYG ,OKV,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 SOUTH FLOW)RBV Q430 SAAME J6 HVQ Q68 LITTR FEWWW SEEVR (RNAV)–STAR or (DFW NORTH FLOW)RBV Q430 SAAME J6 HVQ Q68 LITTR FEWWW BRDJE (RNAV)–STAR	
FLL,OPF	(JETS ONLYEXCLUDES EA50. E50. SF50. C510. C525)(WATER)BEADS EMJAY Q167 ZJAAY KALDA Q133 CHIEZ Y291 MAJIK CUUDA (RNAV)–STAR . or BEADS EMJAY Q167 ZJAAY Q97 PRMUS CUUDA (RNAV)–STAR	
FLL,OPF,MIA,07FA,HST,TMB,X51,HWO	(VLJ/TURBPROP ONLY: INCL EA50,E50P,SF50,C510,C525)BEADS EMJAY Q167 ZJAAY Q97 KENLL TARPN (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 ZJAAY KALDA Q131 WAALT Y289 BAHAA HIBAC ALYNA (RNAV)–STAR	
ISM,MCO	(MCO LANDING NORTH)BEADS EMJAY Q167 ZJAAY Q97 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 ZJAAY Q97 PAACK WYLMS	
ORLANDO(MCO)	(MCO LANDING SOUTH)BEADS EMJAY Q167 ZJAAY Q97 SAWED MOXXY Q85 LPERD GTOUT (RNAV)–STAR	

Terminals	Route	Effective Times (UTC)
PITTSBURGH(PIT)	(PROPS)GAYEL V374 MSLIN LAAYK Q436 DGRAF ETG CIP HAYNZ (RNAV)–STAR	
	or	
	(TURBOJETS RNAV 1)COATE Q436 REBBL J190 SLT 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 ZIZZI KNUKK ATR LAFLN DEALE (RNAV)–STAR	
NEW YORK(JFK)		
06FA,BCT,F45,PBI	(JETS ONLY)(WATER)WAVEY EMJAY Q167 ZJAAY 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 TARPN (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 BNFSH (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 OZZZI (RNAV)–STAR	
AUGUSTA(AUG)	(FL190 AND ABOVE)GREKI JUDDS CAM CON	1100–0300
AUSTIN(AUS)	RBV Q430 COPES Q75 GVE ALEAN VXV 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 BENEE	
	or	
	(TURBOPROPS)COATE LAAYK ULW BENEE	
BURLINGTON(BTV)	(FL190 AND ABOVE; JETS ONLY)GREKI JUDDS CAM	1100–0300
	or	
	GREKI V419 JUDDS CAM	
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 FEWWW SEEVR (RNAV)–STAR	
	or	
	(DFW NORTH FLOW)RBV Q430 SAAME J6 HVQ Q68 LITTR FEWWW 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	

Terminals	Route	Effective Times (UTC)
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	WAVEY EMJAY Q167 ZJAAY Q97 PRMUS CUUDA (RNAV)–STAR	
FLL,ORF	(JETS ONLY. EXCLUDES EA50, E50P. SF50. C510. C525)(WATER)WAVEY EMJAY Q167 ZJAAY KALDA Q133 CHIEZ Y291 MAJIK 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	
GREENSBORO(GSO)	RBV Q430 COPES Q75 GVE LYH HENBY–STAR	
HOUSTON(HOU)	RBV Q430 BYRDD J48 CSN FANPO Q40 AEX WAPPL (RNAV)–STAR	
	or	
	RBV Q430 SAAME J6 HVQ Q68 LITTR DHART SWB WAPPL (RNAV)–STAR	
HOUSTON(IAH)	(IAH EAST FLOW)RBV Q430 BYRDD J48 CSN FANPO Q40 AEX SKNRD (RNAV)–STAR	
	or	
	(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 SAAME J6 HVQ Q68 LITTR DHART SWB GESNR (RNAV)–STAR	
INDIANAPOLIS(IND)	RBV Q430 SAAME BRNAN Q42 HIDON RINTE SNKPT (RNAV)–STAR	
	or	
	RBV Q430 AIR J80 RINTE SNKPT (RNAV)–STAR	
ISM,LEE,MCO,ORL,SFB	(JETS ONLY)(WATER)WAVEY EMJAY Q167 ZJAAY Q131 WAALT Y289 BAHAA HIBAC ALYNA (RNAV)–STAR	
ISM,MCO	(MCO LANDING NORTH)WAVEY EMJAY Q167 ZJAAY Q97 SAWED MOXXY Q85 LPERD SNFLD (RNAV)–STAR	
ITHACA(ITH)	(JETS)NEION J223 CORDS CFB	
JACKSONVILLE(JAX)	(TURBOJETS ONLY; DME/DME/IRU OR GPS REQUIRED)WAVEY EMJAY Q167 ZJAAY Q97 SAWED GUILD Q409 SESUE ESENT LUNNI (RNAV)–STAR	
KANSAS CITY(MCI)	RBV Q430 AIR J80 SPI EUING RUDDH (RNAV)–STAR	
KNOXVILLE(TYS)	RBV Q430 BYRDD J48 CSN FANPO Q40 ALEAN VXV	
LOUISVILLE(SDF)	RBV Q430 SAAME J6 HVQ Q68 UNCKL MAUDD (RNAV)–STAR	
MANCHESTER(MHT)	(AT OR ABOVE FL190; DME/DME/IRU OR GNSS REQUIRED)GREKI JUDDS MARTN QUINZ ROZZE (RNAV)–STAR	1100–0300
MEMPHIS(MEM)	RBV Q430 SAAME 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)	DEEZZ (RNAV)–DP CANDR J60 DJB CRL PEGEE GETCH LYSTR SUDDS	
MINNEAPOLIS(MSP)	(TURBOJETS)GAYEL Q818 WOZEE NOSIK Q812 ZOHAN IDIOM MUSCL (RNAV)–STAR	1000–0300
MONTREAL(CYUL)	(DME/DME/IRU OR GNSS REQUIRED)GREKI JUDDS CAM JASDU PBERG CARTR (CANADIAN) (RNAV)–STAR	
MSY,NEW,NBG	RBV Q430 BYRDD J48 CSN FANPO Q40 NIOLA MERDN TRSSH (RNAV)–STAR	
NANTUCKET(ACK)	(FL180–210; JETS ONLY)BETTE DEEPO (RNAV)–STAR	1100–0300
NASHVILLE(BNA)	RBV Q430 SAAME J6 HVQ Q68 YOCKY GROAT PASLY (RNAV)–STAR	
NASSAU(MYNN)	(DEEP OCEAN)SHIPP Y488 STERN Y493 WEAKK CARPX Y307 HANKX	
NORFOLK(ORF)	WAVEY EMJAY Q167 ZJAAY CCV	

Terminals	Route	Effective Times (UTC)
ORLANDO(MCO)	(MCO LANDING SOUTH)WAVEY EMJAY Q167 ZJAAY 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 ZJAAY TAQLE (RNAV)–STAR	
RICHMOND(RIC)	(DME/DME/IRU OR GPS)WAVEY EMJAY Q167 ZJAAY 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 KYYUU LUBBR (RNAV)–STAR	
SAVANNAH(SAV)	WAVEY EMJAY Q167 ZJAAY 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 ZIZZI 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 TARPN (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 HOAGG BNFSH (RNAV)–STAR	
7FL6,DAB,DED,EVB,LEE,OMN,ORL,SFB,X50	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)	(FL250 AND ABOVE)MERIT HFD PUT BOS MESHL	1100–0300
	or	
	(FL190 AND ABOVE)GREKI JUDDS CAM CON	1100–0300
BALTIMORE(BWI)	BIGGY Q75 MXE V378 NUGGY TRISH (RNAV)–STAR	
BANGOR(BGR)	(FL190 AND ABOVE)GREKI JUDDS CAM	1100–0300
	or	
	(FL250 AND ABOVE)MERIT HFD PUT BOS	1100–0300

Terminals	Route	Effective Times (UTC)
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	
BIRMINGHAM(BHM)	LANNA J48 CSN FANPO Q40 NIOLA DIODE	
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)	(TURBOPROPS)COATE LAAYK ULW BENEE	
	or	
	(TURBOJETS)NEION J223 CORDS ULW BENEE	
BURLINGTON(BTV)	GREKI V419 JUDDS CAM	
	or	
	(FL190 AND ABOVE; JETS ONLY)GREKI JUDDS CAM	1100–0300
CHARLESTON(CRW)	PARKE J6 HVQ	
CHARLOTTE(CLT)	BIGGY Q75 GVE LYH CHSLY (RNAV)–STAR	
CHARLOTTESVILLE(CHO)	BIGGY Q75 GVE	
CHATTANOOGA(CHA)	LANNA J48 CSN FANPO Q40 ALEAN VXV	
CHICAGO(MDW)	NEWEL J60 ASHEN BAGEL PANGG (RNAV)–STAR	
CHICAGO(ORD)	(TURBOJETS RNAV 1)COATE Q436 EMMMA WYNDE (RNAV)–STAR	
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	
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 SOUTH FLOW)PARKE J6 HVQ Q68 LITTR FEWWW SEEVR (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 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	WHITE Q409 CRPLR PAACK Q97 PRMUS CUUDA (RNAV)–STAR	
	or	
	(JETS ONLY. EXCLUDES EA50. E50P. SF50. C510. C525)(WATER)WHITE Q409 CRPLR KOOKI Q133 CHIEZ Y291 MAJIK 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	

Terminals	Route	Effective Times (UTC)
INDIANAPOLIS(IND)	(MAX ALTITUDE FL280; TURBOJETS)NEWEL J60 DANNR RAV J64 CASIO RINTE SNKPT (RNAV)–STAR	
	or	
	(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
KNOXVILLE(TYS)	LANNA J48 CSN FANPO Q40 ALEAN 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
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; PROPS ONLY)GREKI JUDDS MARTN KEYNN POPPP	1100–0300
	or	
	(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)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	

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 (PROPS)COATE Q436 LAAYK CFB V252 GIBBE	
ROCKLAND(RKD)	(FL190 AND ABOVE)GREKI JUDDS CAM CON or (FL250 AND ABOVE)MERIT HFD PUT BOS	1100–0300 1100–0300
RUTLAND(RUT)	(FL190 AND ABOVE)GREKI V419 JUDDS CAM	1100–0300
SALT LAKE CITY(SLC)	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 PUPYY KYYUU LUBBR (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 (PROPS)COATE Q436 LAAYK CFB	
TAMPA(TPA)	BIGGY Q75 TEUFL BAAMF DADES (RNAV)–STAR	
TOLEDO(TOL)	NEWEL J60 DJB	
TORONTO(CYYZ)	(RNAV ONLY)GAYEL Q818 WOZEE LINNG (CANADIAN) (RNAV)–STAR or (90–170 INCL; NON JET ACFT ONLY)COATE Q436 MTCAF ULW WOZEE VERKO (CANADIAN) (RNAV)–STAR	
WASHINGTON(DCA)	BIGGY Q75 MXE V378 BAL or BIGGY Q75 MXE CLIPR (RNAV)–STAR	
WASHINGTON(IAD)	(RNAV EQUIPPED ONLY)PARKE HYPER (RNAV)–STAR	
WATERVILLE(WVL)	(FL190 AND ABOVE)GREKI JUDDS CAM or (FL250 AND ABOVE)MERIT HFD PUT BOS	1100–0300 1100–0300
WEST PALM BEACH(PBI)	(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,X50	ELVAE COL WHITE Q409 CRPLR Q85 LPERD TTHOR (RNAV)–STAR or ELVAE COL WHITE Q409 CRPLR Q85 LPERD TTHOR (RNAV)–STAR	1100–0300
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 BENEE or (TURBOJETS)NEION J223 CORDS ULW BENEE	
CHARLESTON(CRW)	PARKE J6 HVQ	
CHS,JZI	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	

Terminals	Route	Effective Times (UTC)
COLUMBUS(CMH)	ZIMMZ Q42 MIKYG Q480 AIR CLPRR (RNAV)–STAR	
DALLAS–FORT WORTH(DFW)	(DFW SOUTH FLOW)PARKE J6 HVQ Q68 LITTR FEWWW SEEVR (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 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 LAAYK 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 SOOOP	
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)	(090–170 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 TARPN (RNAV)–STAR	

Terminals	Route	Effective Times (UTC)
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 BNFSH (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(AUG)	(FL250 AND ABOVE)MERIT HFD PUT BOS MESHL or (FL190 AND ABOVE)GREKI JUDDS CAM CON	1100–0300 1100–0300
AUSTIN(AUS)	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)	(FL190 AND ABOVE)GREKI JUDDS CAM or (FL250 AND ABOVE)MERIT HFD PUT BOS	1100–0300 1100–0300
BAR HARBOR(BHB)	(FL190 AND ABOVE)GREKI JUDDS CAM or (FL250 AND ABOVE)MERIT HFD PUT BOS	1100–0300 1100–0300
BARRE/MONTPELIER(MPV)	(FL190 AND ABOVE)GREKI JUDDS CAM	1100–0300
BINGHAMTON(BGM)	(JETS)NEION J223 CORDS CFB	
BIRMINGHAM(BHM)	LANNA J48 CSN FANPO Q40 NIOLA DIODE	
BOSTON(BOS)	(FL180–FL230; JETS ONLY)MERIT ROBUC (RNAV)–STAR	1100–0300
BRISTOL/JOHNSON/KINGSPORT(TRI)	LANNA J48 CSN FANPO Q40 ALEAN	
BURLINGTON(BTV)	(FL190 AND ABOVE; JETS ONLY)GREKI JUDDS CAM	1100–0300
CHARLOTTE(CLT)	BIGGY Q75 GVE LYH CHSLY (RNAV)–STAR	1100–0300
CHARLOTTESVILLE(CHO)	BIGGY Q75 GVE	
CHATTANOOGA(CHA)	LANNA J48 CSN FANPO Q40 ALEAN VXV	
CHICAGO(MDW)	NEWEL J60 ASHEN BAGEL PANGG (RNAV)–STAR	
CHICAGO(ORD)	(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 (JETS ONLY, EXCLUDES EA50, E50P, SF50, C510, C525)(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)	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	
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 SNKPT (RNAV)–STAR	

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 ALEAN 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.	1100–0300
NASSAU(MYNN)	(DEEP OCEAN)ELVAE COL DIXIE Y481 OHRYN Y488 STERN Y493 WEAKK CARPX Y307 HANKX	
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 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 or (FL250 AND ABOVE)MERIT HFD PUT BOS	1100–0300 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 PUPYY KYYUU 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	

Terminals	Route	Effective Times (UTC)
WATERVILLE(WVL)	(FL250 AND ABOVE)MERIT HFD PUT BOS	1100–0300
	or	
	(FL190 AND ABOVE)GREKI JUDDS CAM	1100–0300
WEST PALM BEACH(PBI)	(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 WEST FLOW)COUPN BEETN JIMAR EYOBI CEELY Q172 YUTEE SKWKR JJEDI (RNAV)–STAR	
	or	
	(ATL EAST FLOW)COUPN BEETN JIMAR EYOBI CEELY Q172 YUTEE SKWKR SITTH (RNAV)–STAR	
CHARLOTTE(CLT)	(AOB FL220)COUPN CHSLY (RNAV)–STAR	
ILG,MQS,PHL,PNE,TTN	SCHOL KALDA ZJAAY JIIMS (RNAV)–STAR	
NORFOLK(ORF)		
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 TARPN (RNAV)–STAR	
07FA,HST,MIA,TMB,X51	(JETS ONLY. EXCLUDES EA50. E50P. SF50. C510. C525)(WATER)KOOKI SKARP Y313 HOAGG BNFSH (RNAV)–STAR	
	or	
	KOOKI ELLDE Q97 DEBRL CSTAL (RNAV)–STAR	
54T,ARM,AXH,BYY,EFD,GLS,HOU,HPY,IWS,LBX,LVJ,SGR,T00,T41,TME	COUPN BEETN RDU SHPRD DEBIE IPTAY CHOPZ THRSR JAMMR MERDN AEX WAPPL (RNAV)–STAR	
7FL6,DAB,DED,EVB,LEE,OMN,ORL,SFB,X50	COUPN BEETN JIMAR PBCUP Q85 LPERD TTHOR (RNAV)–STAR	
APF,FMY,MKY,RSW	COUPN BEETN JIMAR DEEEZ Q409 PUPYY Q103 CYNTA SHFTY (RNAV)–STAR	
ATLANTA(ATL)	(ATL EAST FLOW)COUPN BEETN JIMAR EYOBI CEELY Q172 YUTEE SKWKR SITTH (RNAV)–STAR	
	or	
	(ATL WEST FLOW)COUPN BEETN JIMAR EYOBI CEELY Q172 YUTEE SKWKR JJEDI (RNAV)–STAR	
BALTIMORE(BWI)	HPW THHMP RAVNN (RNAV)–STAR	
BOSTON(BOS)	SCHOL KALDA Q133 JFK ROBUC (RNAV)–STAR	
CHARLOTTE(CLT)	(AOB FL220)COUPN CHSLY (RNAV)–STAR	
CHICAGO(MDW)	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	
	(DME/DME/IRU OR GPS REQUIRED)(DTW NORTH FLOW)WAIKS KELLE MOL TARCI JAMOX KLYNK (RNAV)–STAR	
FLL,OPF	(JETS ONLY, EXCLUDES EA50, E50P, SF50, C510, C525)KOOKI ELLDE Q97 PRMUS CUUDA (RNAV)–STAR	
	or	
	(JETS ONLY, EXCLUDES EA50, E50P, SF50, C510, C525)(WATER)KOOKI Q133 CHIEZ Y291 MAJIK 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 NNCEE (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 DEEEZ Q409 SESUE ESENT LUNNI (RNAV)–STAR	
MCF,PIE,TPA,VDF	COUPN BEETN JIMAR DEEEZ 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 RADDS SIE CAMRN–STAR	1100–0400
NEW YORK(LGA)	HOUKY TAPPA LUCYL PXT KORRY–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 NORTH)ART SYR J59 PSB Q71 EMNEM Q103 SLOJO Q83 ROYCO Q85 LPERD SNFLD (RNAV)–STAR	
	or	
	(MCO LANDING SOUTH)ART SYR J59 PSB Q71 EMNEM Q103 SLOJO Q83 ROYCO Q85 LPERD GTOUT (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 GEEYE JAYJA DADES (RNAV)–STAR	1100–0300
	or	
	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 TARPN (RNAV)–STAR	

Terminals	Route	Effective Times (UTC)
07FA,HST,MIA,TMB,X51	OOD TEBEE HAYDO TRPOD CRPLR PAACK Q97 DEBRL CSTAL (RNAV)–STAR or (JETS ONLY, EXCLUDES EA50, E50P, SF50, C510, C525)(WATER)OOD TEBEE HAYDO TRPOD Q409 CRPLR BGBRD Q101 SKARP Y313 HOAGG BNFSH (RNAV)–STAR	
7FL6,DAB,DED,EVB,LEE,OMN,ORL,SFB,X 50	OOD TEBEE HAYDO TRPOD Q409 CRPLR Q85 LPERD TTHOR (RNAV)–STAR	
ALBANY(ALB)	DITCH Q437 LLUND TRUDE V487 CANAN	
ATLANTA(ATL)	STOEN REEFI EMI J48 MOL FLASK OZZZI (RNAV)–STAR	
BOSTON(BOS)	DITCH Q437 HNNAH Q450 JFK ROBUC (RNAV)–STAR	1100–0300
BUFFALO(BUF)	PTW SARAA RAV TYMAN	
BURLINGTON(BTV)	(NORTH)DITCH Q437 LLUND CAM	
CHARLOTTE(CLT)	STOEN Q75 GVE LYH CHSLY (RNAV)–STAR	
CHICAGO(MDW)	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 NORTH FLOW)MXE PENSY J110 FLIRT MRB J6 HVQ Q68 LITTR FEWWW BRDJE (RNAV)–STAR or (DFW SOUTH FLOW)MXE PENSY J110 FLIRT MRB J6 HVQ Q68 LITTR FEWWW SEEVR (RNAV)–STAR	
DAYTON(DAY)	MXE PENSY J110 AIR APE DANEI–STAR	
DENVER(DEN)	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 NORTH FLOW)MXE PENSY J110 FLIRT BRNAN PSYKO KOZAR KLYNK (RNAV)–STAR or (DME/DME/IRU OR GPS REQUIRED)(DTW SOUTH FLOW)MXE PENSY J110 FLIRT BRNAN Q42 PSYKO KOZAR BONZZ (RNAV)–STAR	
FLL,OPF	OOD TEBEE HAYDO TRPOD CRPLR PAACK Q97 PRMUS CUUDA (RNAV)–STAR or (JETS ONLY. EXCLUDES EA50. E50P. SF50. C510. C525)(WATER)OOD TEBEE HAYDO TRPOD Q409 CRPLR KOOKI Q133 CHIEZ Y291 MAJIK CUUDA (RNAV)–STAR	
FORT LAUDERDALE(FLL)	(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 PENSY J110 LEJOY HVQ	
LOUISVILLE(SDF)	MXE PENSY 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 PENSY 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 WYLMS	
NAPLES(APF)	STOEN Q75 SLOJO Q103 CYNTA SHFTY (RNAV)–STAR	
NASHVILLE(BNA)	MXE PENSY J110 FLIRT MRB J6 HVQ Q68 YOCKY GROAT PASLY (RNAV)–STAR	
NEWPORT NEWS(PHF)	OOD TEBEE HAYDO TRPOD JAMIE CCV	
ORLANDO(MCO)	(MCO LANDING SOUTH)OOD TEBEE HAYDO TRPOD Q409 CRPLR Q85 LPERD GTOUT (RNAV)–STAR or (DEEP OCEAN)OOD TEBEE HAYDO SIE B24 LYNUS SILLY Y485 STERN Y493 BAHAA HIBAC ALYNA (RNAV)–STAR	
PITTSBURGH(PIT)	MXE PENSY 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 KYYUU LUBBR (RNAV)–STAR	
SAVANNAH(SAV)	(TURBOJETS)OOD TEBEE HAYDO TRPOD Q409 SESUE SOOOP	
ST LOUIS(STL)	MXE PENSY 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	

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, EXLUDES 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 NORTH)CKB COBBE DANCO Q103 SLOJO Q83 ROYCO Q85 LPERD SNFLD (RNAV)–STAR or (MCO LANDING SOUTH)CKB COBBE DANCO Q103 SLOJO Q83 ROYCO Q85 LPERD GTOUT (RNAV)–STAR	
PHILADELPHIA(PHL)	JST J152 HAR V210 BUNTS or (RNAV ONLY)JST BOJID (RNAV)–STAR	
SOUTH FLORIDA(FLL,OPF,MIA,07FA,HST,TMB,X51,HWO)	(VLJ/TURBPROP ONLY: INCL EA50,E50P,SF50,C510,C525)CKB COBBE DANCO Q103 SLOJO Q83 JEVED Q97 KENLL TARPN (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	(JETS ONLY, EXCLUDES EA50, E50P, SF50, C510, C525)(WATER)NUBLE (RNAV)–DP CCC Q97 KALDA Q101 SKARP Y313 HOAGG BNFSH (RNAV)–STAR or NUBLE (RNAV)–DP CCC Q97 DEBRL CSTAL (RNAV)–STAR	
BWI,MTN	NUBLE (RNAV)–DP CCC TOPRR Q167 ZIZZI KNUKK ATR LAFLN MIIDY	1100–0300
CHARLOTTE(CLT)	NUBLE (RNAV)–DP NELIE 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

Terminals	Route	Effective Times (UTC)
DETROIT(DTW)	(DME/DME/IRU OR GPS REQUIRED)(DTW NORTH FLOW)HSKEL (RNAV)–DP CAM Q822 GONZZ DONEO CUUGR (RNAV)–STAR	1100–0300
	or	
	(DME/DME/IRU OR GPS REQUIRED)(DTW SOUTH FLOW)HSKEL (RNAV)–DP CAM Q822 GONZZ DONEO TPGUN (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 CCC Q97 SAWED MOXXY Q85 LPERD SNFLD (RNAV)–STAR	
	or	
	(MCO LANDING NORTH)NUBLE (RNAV)–DP NELIE BIZEX Q75 SLOJO Q83 ROYCO 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 KYYUU 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,X50	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 KYYUU 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	

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 CPTAN (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	(JETS ONLY, EXCLUDES EA50, E50P, SF50, C510, C525)(WATER)JUMPR RIFLE HEADI Q97 KALDA Q101 SKARP Y313 HOAGG BNFSH (RNAV)–STAR or JUMPR RIFLE HEADI Q97 DEBRL CSTAL (RNAV)–STAR	
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 OZZZI (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 CYNTA 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 or	1100–0300
	(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	

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 ZJAAY TAQLE (RNAV)–STAR	
RICHMOND(RIC)	JUMPR RIFLE Q167 ZJAAY ARICE JAMIE	
SARASOTA/BRADENTON(SRQ)	(JETS/TURBOPROPS ONLY)PUT NELIE Q75 SLOJO Q103 PUPYY KYYUU 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)	(AOB 220; TURBOPROPS)PUT BAF SAGES LAAYK MIP SEG LEGGO (RNAV)–STAR	1100–0300
	or	
	(RNAV ONLY)PUT BAF HYPER (RNAV)–STAR	
RICHMOND(RIC)		
07FA,FLL,HST,HWO,MIA,OPF,TMB,X51	(VLJ/TURBPROP ONLY: INCL EA50,E50P,SF50,C510,C525)HOUKY MAZON KOHLS Q97 KENLL TARPN (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 ROBUC (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 NORTH FLOW)KALLI (RNAV)–DP READE MOL J24 TARCI JAMOX KLYNK (RNAV)–STAR	
	or	
	(DTW SOUTH FLOW)KALLI (RNAV)–DP READE MOL J24 TARCI JAMOX BONZZ (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 PXT KORRY–STAR	
NEWARK(EWR)	LUCYL (RNAV)–DP LUCYL HYTRA PHLBO (RNAV)–STAR	

Terminals	Route	Effective Times (UTC)
ORLANDO(MCO)	(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	
ORLANDO(SFB)	KALLI (RNAV)–DP DRAIK Q75 SLOJO Q83 ROYCO Q85 LPERD TTHOR (RNAV)–STAR	
SARASOTA/BRADENTON(SRQ)	(JETS/TURBOPROPS ONLY)KALLI (RNAV)–DP DRAIK Q75 SLOJO Q103 PUPYY KYYUU LUBBR (RNAV)–STAR	
ST PETERSBURG–CLEARWATER(PIE)	KALLI (RNAV)–DP DRAIK Q75 TEUFL BAAMF DADES (RNAV)–STAR	
TAMPA(TPA)	KALLI (RNAV)–DP DRAIK Q75 TEUFL BAAMF DADES (RNAV)–STAR	
ROANOKE(ROA)		
CHARLOTTE(CLT)	(AOB FL220)LYH CHSLY (RNAV)–STAR	
CHICAGO(ORD)	GEFFS J149 ROD WATSN (RNAV)–STAR	
COLUMBUS(CMH)	HVQ MCGNS SCRLT (RNAV)–STAR	
COLUMBUS(LCK)	HVQ MCGNS SCRLT (RNAV)–STAR	
COLUMBUS(OSU)	HVQ MCGNS SCRLT (RNAV)–STAR	
DETROIT(DTW)	(DME/DME/IRU OR GPS REQUIRED)(DTW NORTH FLOW)BKW JAMOX KLYNK (RNAV)–STAR or (DME/DMME/IRU OR GPS REQUIRED)(DTW SOUTH FLOW)BKW JAMOX BONZZ (RNAV)–STAR	
MQS,PHL,PNE,TTN	LYH BBDOL PAATS (RNAV)–STAR	
NEW YORK(LGA)	GVE KORRY–STAR	
ROCHESTER(ROC)		
BALTIMORE(BWI)	(TURBOJETS)KUBFA IZZEE TRISH (RNAV)–STAR	
BOSTON(BOS)	BEEPS PONCT JFUND (RNAV)–STAR	1100–0300
CHARLOTTE(CLT)	BURST HVQ LNDIZ PARQR (RNAV)–STAR	
CLEVELAND(CLE)	GEE BURST THOME TRYBE (RNAV)–STAR	
DETROIT(DTW)	(DTW NORTH FLOW)GEE DONEO CUUGR (RNAV)–STAR or (DTW SOUTH FLOW)GEE DONEO TOPGN (RNAV)–STAR	
FORT LAUDERDALE(FLL)	GEE BURST EMNEM Q103 SLOJO Q83 JEVED Q97 PRMUS CUUDA (RNAV)–STAR	
FORT MYERS(RSW)	GEE BURST EMNEM Q103 CYNTA SHFTY (RNAV)–STAR	
NEW YORK(JFK)	(DME/DME/IRU OR GNSS REQUIRED)BEEPS Q140 YODAA IGN KINGSTON–STAR	1100–0300
NEW YORK(LGA)	(TURBOJET)AUDIL RKA HAARP–STAR	1100–0300
NEWARK(EWR)	(DME/DME/IRU OR GNSS REQUIRED)BEEPS Q140 KODEY HNK FLOSI (RNAV)–STAR	1100–0300
ORLANDO(MCO)	(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	
TAMPA(TPA)	GEE BURST EMNEM Q103 SLOJO Q75 TEUFL BAAMF DADES (RNAV)–STAR	
WASHINGTON(DCA)	(RNAV ONLY)GEE ETG PSB SKILS (RNAV)–STAR	
WEST PALM BEACH(PBI)	GEE BURST EMNEM Q103 SLOJO Q83 JEVED Q97 KENLL CPTAN (RNAV)–STAR	
SALISBURY(SBY)		
CHARLOTTE(CLT)	CCV COUPN CHSLY (RNAV)–STAR	
STATE COLLEGE(UNV)		
DETROIT(DTW)	(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)	(TURBOJETS ONLY)SYR V35 ULW PSB Q71 GEFFS HVQ LNDIZ PARQR (RNAV)–STAR	
CHICAGO(ORD)	DINES HOZIR DERLO KITOK TANKO FNT WYNDE (RNAV)–STAR	
COVINGTON(CVG)	(RNAV ONLY)SYR DINES MAULL KODIE CTW TIGRR (RNAV)–STAR	

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(FLL)	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)HNK 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,FLL,HST,HWO,MIA,OPF,TMB,X51	(VLJ/TURBPROP ONLY: INCL EA50,E50P,SF50,C510,C525)ELVAE COL WHITE Q409 CRPLR PAACK Q97 KENLL TARPN (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	1100–0300
	or	
	(FL190 AND ABOVE)BREZY V39 CMK GREKI JUDDS CAM CON	1100–0300
AUSTIN(AUS)	PARKE HYPER J6 HVQ Q68 YOCKY LITTR TXK 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	1100–0300
	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

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 BNFSH (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 BNFSH (RNAV)–STAR	

Terminals	Route	Effective Times (UTC)
NAPLES(APF)	LANNA J48 MOL FLASK COREX SPA IRQ CYNTA SHFTY (RNAV)–STAR	
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	
WASHINGTON(DCA)	BIGGY Q75 MXE CLIPR (RNAV)–STAR	
WEST PALM BEACH(PBI)	(DEEP OCEAN)ELVAE COL DIXIE Y481 OHRYN Y488 STERN Y493 BAHAA DULEE CLMNT (RNAV)–STAR	
TORONTO(CYYZ)		
ATLANTA(ATL)	(JET ACFT ONLY)BETES (CANADIAN) (RNAV)–DP FOXEE Q145 HVQ HLRRY ONDRE (RNAV)–STAR	
BOSTON(BOS)	(JET ACFT ONLY)KEPTA (CANADIAN) (RNAV)–DP BMPAH AEVON HANKK PONCT JFUND (RNAV)–STAR	
COVINGTON(CVG)	(JET ACFT ONLY)MIXUT (CANADIAN) (RNAV)–DP GNTRY APE TIGRR (RNAV)–STAR	
FORT LAUDERDALE(FLL)	BETES (CANADIAN) (RNAV)–DP AIRRA Q103 SLOJO Q83 JEVED Q97 PRMUS CUUDA (RNAV)–STAR	
FORT MYERS(RSW)	(JETS/TURBOPROPS ONLY)BETES (CANADIAN) (RNAV)–DP AIRRA Q103 CYNTA SHFTY (RNAV)–STAR	
JACKSONVILLE(JAX)	BETES (CANADIAN) (RNAV)–DP AIRRA Q103 SLOJO Q83 WURFL ESENT LUNNI (RNAV)–STAR	
MIAMI(MIA)	(JETS ONLY, EXCLUDES EA50, E50P, SF50, C510, C525)BETES (CANADIAN) (RNAV)–DP AIRRA Q103 SLOJO Q83 JEVED Q97 DEBRL CSTAL (RNAV)–STAR	
NEW YORK(LGA)	(JET ACFT ONLY)KEPTA (CANADIAN) (RNAV)–DP BMPAH AEVON AUDIL RKA HAARP–STAR	
ORLANDO(MCO)	(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	
SAN FRANCISCO(SFO)	(JET ACFT ONLY)GOPUP (CANADIAN) (RNAV)–DP HOCKE BAE J16 MCW J148 OAL INYOE DYAMD (RNAV)–STAR	
SARASOTA/BRADENTON(SRQ)	(JETS/TURBOPROPS ONLY)BETES (CANADIAN) (RNAV)–DP AIRRA Q103 PUPYY KYYUU LUBBR (RNAV)–STAR	
SAVANNAH(SAV)	BETES (CANADIAN) (RNAV)–DP AIRRA Q103 SLOJO CANTR PLZZZ	
TAMPA(TPA)	(JETS/TURBOPROPS ONLY)BETES (CANADIAN) (RNAV)–DP AIRRA Q103 SLOJO Q75 TEUFL BAAMF DADES (RNAV)–STAR	
WEST PALM BEACH(PBI)	(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	(JETS ONLY)(WATER)BUZRD Q167 RIFLE HEADI Q97 KALDA Q131 WAALT Y289 DULEE CLMNT (RNAV)–STAR	
06FA,BCT,FXE,PBI,PMP	BUZRD Q167 RIFLE HEADI Q97 KENLL CPTAN (RNAV)–STAR	
MORRISTOWN(MMU)	(AOB FL220)MVY V146 BAF MOBBS T295 SAGES V489 COATE	
NEW YORK(JFK)	(AOB FL220; TURBOJETS ONLY)SEY PARCH (RNAV)–STAR	
TETERBORO(TEB)	(AOB FL220)MVY V146 BAF MOBBS T295 SAGES V489 COATE	
WHITE PLAINS(HPN)	(AOB FL220; 250KTS OR GREATER)MVY V146 PUT NELIE VALRE VALRE–STAR	
WASHINGTON(DCA)		
06FA,BCT,F45,PBI	(JETS ONLY)(WATER)AMEEE (RNAV)–DP SCOOB EARZZ Q131 WAALT Y289 DULEE CLMNT (RNAV)–STAR	
06FA,BCT,FXE,PBI,PMP	(TURBOJETS)AMEEE (RNAV)–DP SCOOB PAACK Q97 KENLL CPTAN (RNAV)–STAR	

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 SQS 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 HIBIL (RNAV)–STAR	
DALLAS–FORT WORTH(DFW)	(DFW NORTH FLOW)REBLL (RNAV)–DP OTTTO Q80 FAREV RAMRD Q68 LITTR FEWWW BRDJE (RNAV)–STAR or (DFW SOUTH FLOW)REBLL (RNAV)–DP OTTTO Q80 FAREV RAMRD Q68 LITTR FEWWW SEEVR (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	

Terminals	Route	Effective Times (UTC)
DETROIT(DTW)	(DTW NORTH FLOW)HORTO (RNAV)–DP BUFFR Q178 KOZAR KLYNK (RNAV)–STAR	
	or	
	(DTW SOUTH FLOW)HORTO (RNAV)–DP BUFFR Q178 KOZAR BONZZ (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)(WATER)AMEEE (RNAV)–DP SCOOB EARZZ CHIEZ Y291 MAJIK CUUDA (RNAV)–STAR	
	or	
	(JETS ONLY, EXCLUDES EA50, E50P, SF50, C510, C525)AMEEE (RNAV)–DP SCOOB PAACK Q97 PRMUS 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 OTTTO 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 MERDN 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 KORRY–STAR	1100–0400
NEWARK(EWR)	(TURBOJETS)SOOKI (RNAV)–DP SWANN PHLBO (RNAV)–STAR	

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 FL260)JDUBB (RNAV)–DP MELTN ALDAN (RNAV)–STAR or (AOB FL220)AMEEE (RNAV)–DP COLIN TAPPA HOUKY TAQLE (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 PUPYY KYYUU LUBBR (RNAV)–STAR	
SAVANNAH(SAV)	AMEEE (RNAV)–DP SCOOB GUILD Q409 SESUE SOOOP	
ST LOUIS(STL)	REBLL (RNAV)–DP OTTTO Q176 BICKS PXV 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 TARPN (RNAV)–STAR	
07FA,HST,MIA,TMB,X51	(PRT121 ONLY JETS ONLY EXC EA50 ESOP SF50 C510 C525)(WATER)JCOBY (RNAV)–DP SCOOB EARZZ SKARP Y313 HOAGG BNFSH (RNAV)–STAR or (PART 121 ONLY)JCOBY (RNAV)–DP SCOOB PAACK Q97 DEBRL CSTAL (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 SQS SWB LUKKN 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 ROBUC (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 NORTH FLOW)RNLDI (RNAV)–DP OTTTO Q80 FAREV RAMRD Q68 LITTR FEWWW BRDJE (RNAV)–STAR or (DFW SOUTH FLOW)RNLDI (RNAV)–DP OTTTO Q80 FAREV RAMRD Q68 LITTR FEWWW SEEVR (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 NORTH FLOW)MCRAY (RNAV)–DP MCRAY Q178 KOZAR KLYNK (RNAV)–STAR or (DTW SOUTH FLOW)MCRAY (RNAV)–DP MCRAY Q178 KOZAR BONZZ (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 E5OP 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 FUBLL 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 or (TURBOJETS)(IAH WEST FLOW)CLTCH (RNAV)–DP MAULS Q40 AEX DOOBI (RNAV)–STAR	1100–0300 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	

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	
KNOXVILLE(TYS)	(TURBOJETS)CLTCH (RNAV)–DP MAULS Q40 ALEAN VXV	1100–0300
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; PART 121 ONLY)JCOBY (RNAV)–DP COLIN TAPPA HOUKY TAQLE (RNAV)–STAR or (AOB FL220)JDUBB (RNAV)–DP MELTN ALDAN (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 PUPYY KYYUU LUBBR (RNAV)–STAR	
SAVANNAH(SAV)	(PART 121 ONLY)JCOBY (RNAV)–DP SCOOB GUILD Q409 SESUE SOOOP	
ST LOUIS(STL)	RNLDI (RNAV)–DP OTTTO Q176 BICKS PXV 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	

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	(VLJ/TURBPROP ONLY: INCL EA50,E50P,SF50,C510,C525)WHITE Q409 CRPLR PAACK Q97 KENLL TARPN (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 HOAGG 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	
ATLANTA(ATL)	(RNAV ONLY)LANNA J48 MOL FLASK OZZZI (RNAV)–STAR	
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	
BANGOR(BGR)	(FL190 AND ABOVE)GREKI JUDDS CAM	1100–0300
	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 BENEE	
	or	
	(TURBOPROPS)GAYEL J95 CFB V270 ULW BENEE	
BURLINGTON(BTV)	(FL190 AND ABOVE; JETS ONLY)GREKI JUDDS CAM	1100–0300
	or	
	GREKI V419 JUDDS CAM	
CHARLESTON(CRW)	PARKE J6 HVQ	
CHARLOTTE(CLT)	BIGGY Q75 GVE LYH CHSLY (RNAV)–STAR	
CHICAGO(MDW)	NEWEL J60 ASHEN BAGEL PANGG (RNAV)–STAR	
CHICAGO(ORD)	(TURBOJETS – RNAV 1)COATE Q436 EMMMA WYNDE (RNAV)–STAR	
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	
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	

Terminals	Route	Effective Times (UTC)
DALLAS–FORT WORTH(DFW)	(DFW SOUTH FLOW)PARKE J6 HVQ Q68 LITTR FEWWW SEEVR (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 DANEI–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	WHITE Q409 CRPLR PAACK Q97 PRMUS CUUDA (RNAV)–STAR	
	or	
	(JETS ONLY. EXCLUDES EA50. E50P. SF50. C510. C525)(WATER)WHITE Q409 CRPLR KOOKI Q133 CHIEZ Y291 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	
	(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 ONY; 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)	(AT OR ABOVE FL190; DME/DME/IRU OR GNSS REQUIRED)GREKI JUDDS MARTN QUINZ ROZZE (RNAV)–STAR	1100–0300
	or	
	(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	
MILWAUKEE(MKE)	NEWEL J60 DJB CRL PEGEE GETCH LYSTR SUDDS	
MINNEAPOLIS(MSP)	(TURBOJETS)GAYEL Q812 WOZEE NOSIK ZOHAN IDIOM MUSCL (RNAV)–STAR	1000–0300

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)	(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 JUDDS CAM	1100–0300
SALT LAKE CITY(SLC)	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 CLIPR (RNAV)–STAR	
	or	
	BIGGY Q75 MXE V378 BAL	
WASHINGTON(IAD)	(RNAV EQUIPPED ONLY)PARKE HYPER (RNAV)–STAR	
WATERVILLE(WVL)	(FL190 AND ABOVE)GREKI JUDDS CAM	1100–0300
	or	
	(FL250 AND ABOVE)MERIT HFD PUT BOS	1100–0300
WINSTON SALEM(INT)	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 FEWWW SEEVR (RNAV)–STAR	
	or	
	(DFW NORTH FLOW)VEERS PWL BASYE DBABE BWZ J6 HVQ Q68 LITTR FEWWW BRDJE (RNAV)–STAR	
DENVER(DEN)	CTR CAM ARNII Q816 HOCKE Q935 MONEE IANNA ONL PORDR AALLE (RNAV)–STAR	

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 JIIMS (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	
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	
	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	ORW CCC Q97 KENLL TARPN (RNAV)–STAR	
FLL,OPF	(JETS ONLY, EXCLUDES EA50, E50P, SF50, C510, C525)(WATER)ORW CCC Q97 KALDA Q133 CHIEZ Y291 MAJIK CUUDA (RNAV)–STAR	
	or	
	ORW CCC Q97 PRMUS CUUDA (RNAV)–STAR	
ISM,LEE,MCO,ORL,SFB	(JETS ONLY)(WATER)ORW CCC Q97 KALDA Q131 WAALT Y289 BAHAA HIBAC ALYNA (RNAV)–STAR	
ISM,MCO	(MCO LANDING NORTH)ORW CCC Q97 SAWED MOXXY Q85 LPERD SNFLD (RNAV)–STAR	
ORLANDO(MCO)	(MCO LANDING SOUTH)ORW CCC Q97 SAWED MOXXY Q85 LPERD GTOUT (RNAV)–STAR	

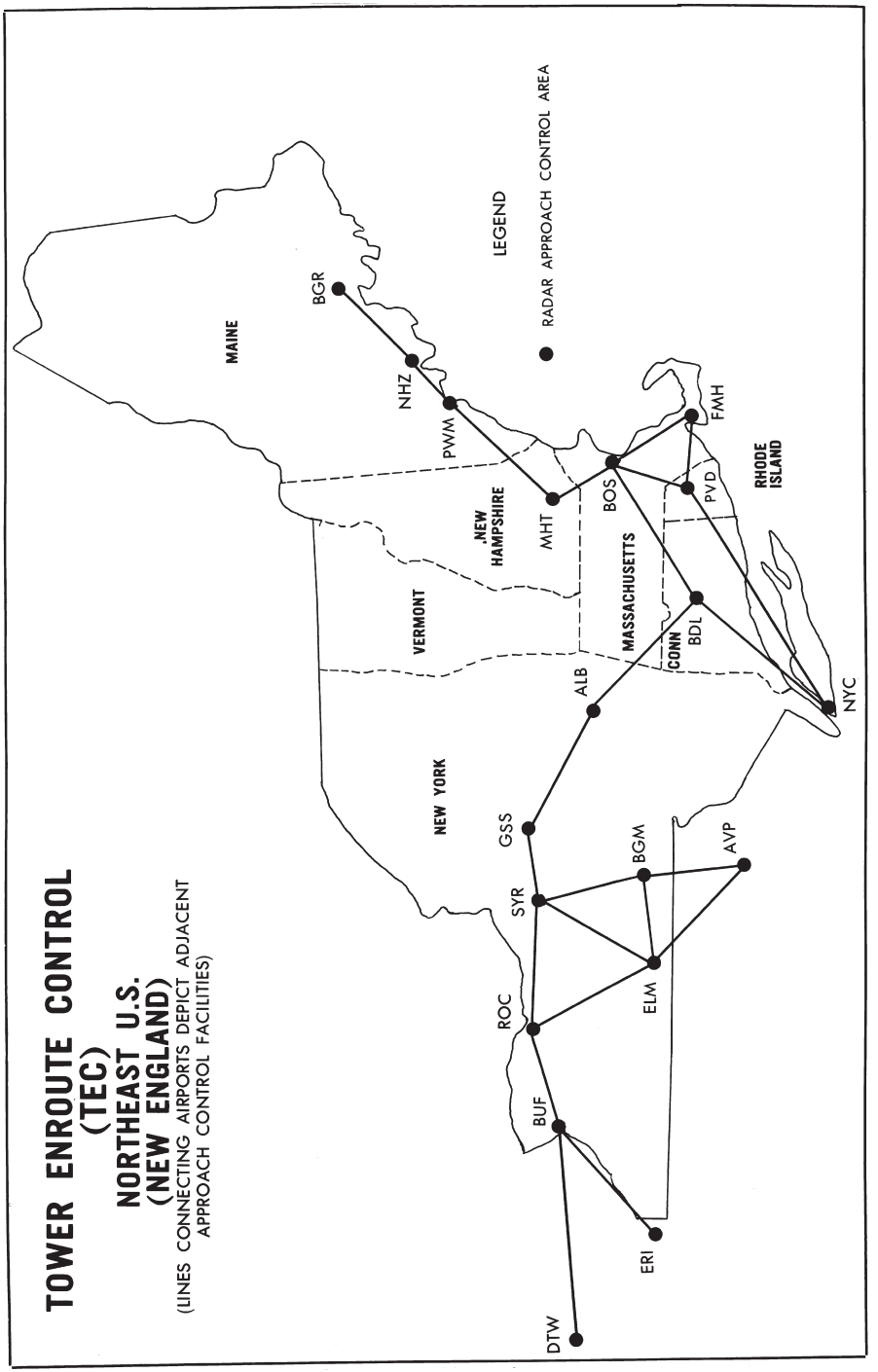
SPECIAL HIGH ALTITUDE PREFERRED DIRECTION ROUTES

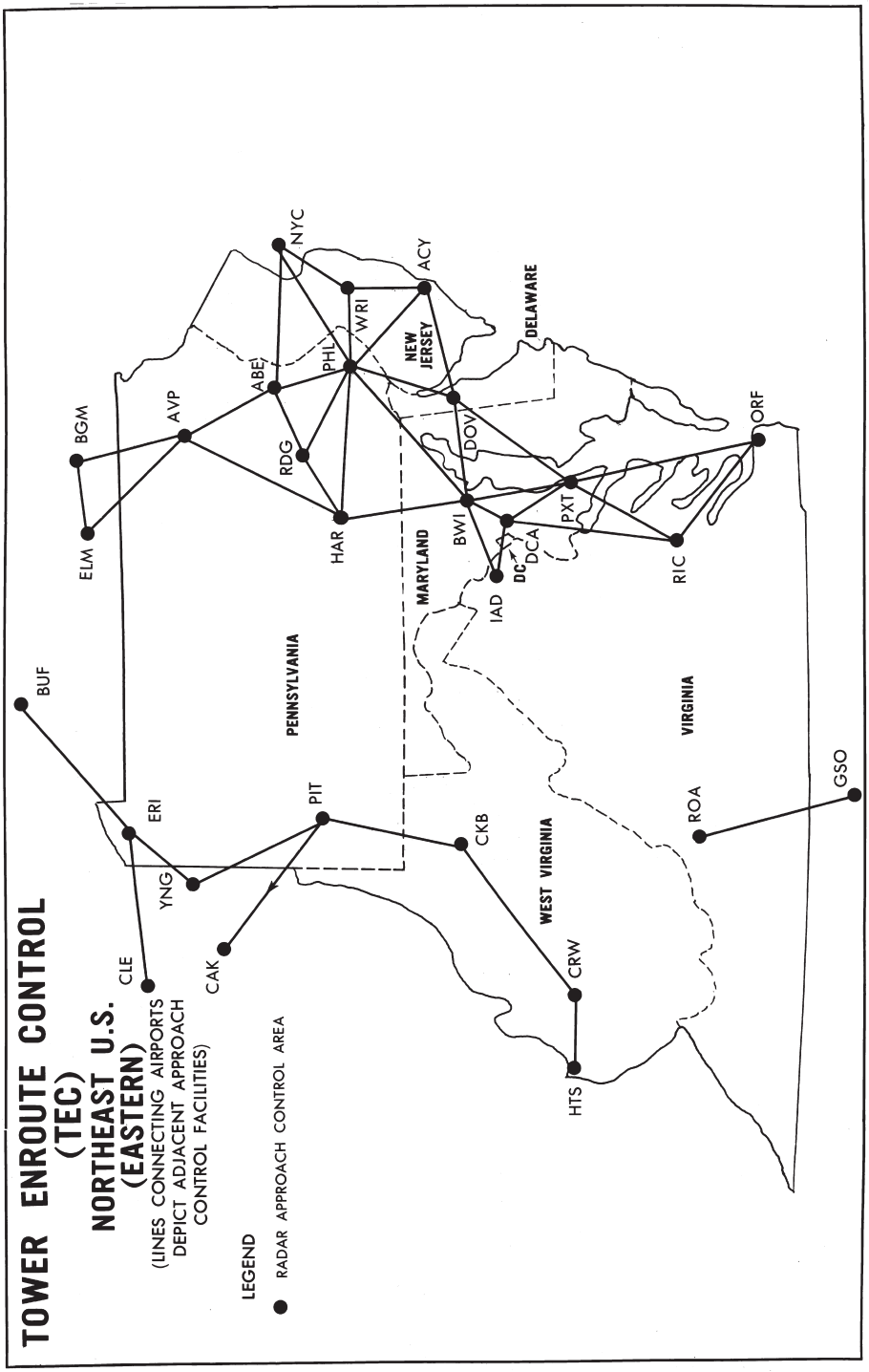
Terminals	Route	Effective Times (UTC)
TRAFFIC OVERFLYING ELLWOOD CITY, PA TO ROCHESTER (ROC)		
NORTHBOUND	EWC EWC050130 GEE	
TRAFFIC OVERFLYING ELLWOOD CITY, PA TO SYRACUSE (SYR)		
NORTHEAST BOUND	EWC EWC050130	

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

Airway	Segment Fixes	Direction Effective	Effective Times (UTC)
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	


TOWER ENROUTE CONTROL
(TEC)
NORTHEAST U.S.
(NEW ENGLAND)
(LINES CONNECTING AIRPORTS DEPICT ADJACENT APPROACH CONTROL FACILITIES)
LEGEND
RADAR APPROACH CONTROL AREA
MAINE
NEW HAMPSHIRE
VERMONT
NEW YORK
MASSACHUSETTS
CONN
RHODE ISLAND
BGR
NHZ
PWM
MHT
BOS
FMH
PVD
BDL
NYC
ALB
GSS
SYR
ROC
BUF
ERI
BGM
ELM
AVP
DTW


TOWER ENROUTE CONTROL
(TEC)
NORTHEAST U.S.
(EASTERN)
(LINES CONNECTING AIRPORTS DEPICT ADJACENT APPROACH CONTROL FACILITIES)
LEGEND
RADAR APPROACH CONTROL AREA
BUF
ERI
CLE
YNG
CAK
PIT
CKB
CRW
HTS
ELM
BGM
AVP
ABE
RDG
PHL
HAR
NYC
WRI
ACY
NEW JERSEY
DOV
DELAWARE
BWI
MARYLAND
IAD
DC
DCA
PXT
RIC
ORF
ROA
GSO
PENNSYLVANIA
WEST VIRGINIA
VIRGINIA

(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 NAVAID 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 NAVAIDS, 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/FIT/6B6/2B2
SO SATS = BOS/OWD/1B9/3B2
Bradley = BDL/BAF/CEF/7B2
Bradley/Hartford = HFD/MMK/IJD/4B8
Bradley/Worcester = ORH/3B0/1B6
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/IWI/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 MVY	10000	VINEYARD HAVEN(MVY)
	.....	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 V499 BAL	8000	BALTIMORE(BWI)
	.....	(2)ETX V30 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 V499 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/SCRANTON(AVP)
	.....	ETX V29 PTW	4000	WILMINGTON(ILG)
	.....	FJC T299 HUO IGN PWL BRISS	5000	WINDSOR LOCKS(BDL)
ATLANTIC CITY(ACY)	.....	(1)CRESI V1 DIXIE V276 ARD	5000	ALLENTOWN(ABE)
	.....	ACY T315 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)

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 LVZ V147 ULW	4000	ELMIRA/CORNING(ELM)
	.....	(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)
	.....	(1)CRESI V1 DIXIE V276 RBV V123 PROUD	5000	NEW YORK(LGA)
	.....	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)
	.....	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)
	.....	LEEAH V1 ATR	6000	SNOW HILL(SWL)
	.....	SIE V139	4000	SNOW HILL(SWL)
	.....	(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 MVY	5000	VINEYARD HAVEN(MVY)
	.....	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 V276 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)
AUGUSTA(AUG)	.....	CON CAM	10000	ALBANY(ALB)
	.....	DIRECT	10000	BANGOR(BGR)
	.....	DIRECT	10000	BAR HARBOR(BHB)

Approach Control Area (Including Satellites)		Route	Highest Altitude	Destination
	.....	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)
	.....	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(ISP)
	.....	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)
	.....	CLOWW SPENO	10000	WORCESTER(ORH)
BALTIMORE(BWI)	.....	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 V499 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)

Approach Control Area (Including Satellites)	Route	Highest Altitude	Destination
.....	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)
.....	(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)
.....	V499 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,LDJ,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)

Approach Control Area (Including Satellites)		Route	Highest Altitude	Destination
	.....	(1)SWANN T358 ENO T224 JFK CCC	5000	WESTHAMPTON BEACH(FOK)
	.....	(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/SCRANTON(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)	.....	V29 LVZ V613	8000	ALLENTOWN(ABE)
	.....	CFB V252 GEE	8000	BUFFALO(BUF)
	.....	V270	8000	ELMIRA/CORNING(ELM)
	.....	ITH	8000	ITHACA(ITH)
	.....	V29 PTW	8000	PHILADELPHIA(PHL)
	.....	V29 LVZ V613 FJC ARD	8000	PHILADELPHIA(PNE)
	.....	ITH	8000	ROCHESTER(ROC)
	.....	V29	8000	SYRACUSE(SYR)
	.....	V29 LVZ V226 MUGZY	8000	TETERBORO(TEB)
	.....	V29	8000	WILKES-BARRE/SCRANTON(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)

Approach Control Area (Including Satellites)		Route	Highest Altitude	Destination
	.....	WARIC T295 SASHA STUBY TRESA(GNSS EQUIPPED ONLY)	10000	NEW YORK(SWF)
	.....	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)
BOSTON ARTCC/LEBANON(LEB)	.....	LBNON BASUU	10000	BEDFORD(BED,FIT,6B6)
	.....	LBNON CON LWRNC	10000	BEDFORD(BVY,LWM,2B2)
	.....	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 LFV	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)
	.....	GDM T315 SPENO	10000	WORCESTER(ORH)
BOSTON(BOS)	.....	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(ELM)
	.....	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 NELIE 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)

Approach Control Area (Including Satellites)		Route	Highest Altitude	Destination
	.....	MVY359035 MVY	10000	VINEYARD HAVEN(MVY)
	.....	(3)BOSOX V1 MAD BDR ALIXX RYMES	10000	WHITE PLAINS(HPN)
	.....	BOSOX V1 GRAYM	10000	WINDSOR LOCKS(BDL)
	.....	DIRECT	10000	WORCESTER(ORH)
	.....	BOSOX V1 MAD BEADS T320 DRIFT T416 CYN	10000	WRIGHTSTOWN(WRI)
BOSTON(NORTH SATS)	.....	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)
	.....	BOSOX V1 GRAYM T320 YANTC T224 CYN	10000	WRIGHTSTOWN(WRI)
BOSTON(SOUTH SATS)	.....	(1)BURDY V268 SEY ORCHA CCC T224 JFK T315 ACY	10000	ATLANTIC CITY(ACY)
	.....	BURDY V268 SEY ORCHA T320 BRIGS	10000	ATLANTIC CITY(ACY)
	.....	(1)BURDY V268 SEY ORCHA CCC T224 DIXIE T315 PANZE AVALO T358 SWANN	8000	BALTIMORE(BWI)
	.....	BURDY V268 SEY ORCHA T320 AVALO T358 SWANN	8000	BALTIMORE(BWI)
	.....	BURDY V268 SEY V34 CREAM V374 DENNA	10000	BRIDGEPORT(BDR)
	.....	(1)BURDY V268 SEY ORCHA CCC T224 ENO	10000	DOVER(DOV)
	.....	BURDY V268 SEY ORCHA T320 AVALO T358 ENO	10000	DOVER(DOV)
	.....	BURDY V268 SEY V34 CREAM	10000	NEW HAVEN(HVN)
	.....	BURDY V268 SEY ORCHA CCC	10000	NEW YORK(ISP)
	.....	BURDY V268 SEY ORCHA CCC V46 DPK	10000	NEW YORK(JFK)
	.....	(1)BURDY V268 SEY ORCHA CCC T224 JIIMS OOD	10000	PHILADELPHIA(PHL)
	.....	BURDY V268 SEY ORCHA T320 BRIGS ACY V184 OOD	10000	PHILADELPHIA(PHL)
	.....	(1)BURDY V268 SEY ORCHA CCC T224 DIXIE T438 ARD	10000	PHILADELPHIA(PNE)
	.....	BURDY V268 SEY ORCHA T320 MANTA T438 ARD	10000	PHILADELPHIA(PNE)
	.....	(1)BURDY V268 SEY ORCHA CCC T224 COLIN	10000	RICHMOND(RIC)
	.....	BURDY V268 SEY ORCHA T320 AVALO T358 ENO T224 COLIN	10000	RICHMOND(RIC)
	.....	(1)BURDY V268 SEY ORCHA CCC T224 DIXIE T438 RBV	10000	TRENTON(TTN)
	.....	BURDY V268 SEY ORCHA T320 MANTA T438 RBV	10000	TRENTON(TTN)
	.....	BURDY V268 SEY ORCHA	10000	WESTHAMPTON BEACH(FOK)
	.....	(1)BURDY V268 SEY ORCHA CCC T224 CYN	10000	WRIGHTSTOWN(WRI)
	.....	BURDY V268 SEY ORCHA T320 DRIFT T416 CYN	10000	WRIGHTSTOWN(WRI)
BRIDGEPORT(BDR)	.....	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/FARMINGDALE(BLM)
	.....	MAD CARLD V188 GON	9000	BLOCK ISLAND(BID)
	.....	(3)MAD CARLD YANTC T224 WOONS	10000	BOSTON(BOS)

Approach Control Area (Including Satellites)	Route	Highest Altitude	Destination
	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)
	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 HFD CLOWW(/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 V30 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)
BUFFALO(BUF)	ERI	6000	ERIE(ERI)
BURLINGTON(BTV)	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)

Approach Control Area (Including Satellites)		Route	Highest Altitude	Destination
	.....	BTV T315 HFD	10000	HARTFORD(HFD)
	.....	LBNON CON BOS GAILS	10000	HYANNIS(HYA)
	.....	LBNON CON BOS LFV	10000	NANTUCKET(ACK)
	.....	ALB V123 TRESA	10000	NEW YORK(SWF)
	.....	BTV T315 SPENO	10000	NORWICH(ORW)
	.....	LBNON BASUU	10000	NORWOOD(OWD)
	.....	BTV T315 GDM T393 PVD	10000	PROVIDENCE(PVD)
	.....	LBNON CON BOS	10000	PROVINCETOWN(PVC)
	.....	LBNON CON BOS	10000	VINEYARD HAVEN(MVY)
	.....	KEYNN	10000	WINDSOR LOCKS(BDL)
CALDWELL(CDW)	.....	BREZY V39 CMK V3 HFD CLOWW	10000	PORTSMOUTH(PSM)
DOVER(DOV)	.....	ENO T358 LEEAH	7000	ATLANTIC CITY(ACY)
	.....	ENO T358 SWANN	6000	BALTIMORE(BWI)
	.....	(1)ENO T224 JFK T315 EEGOR	5000	BRIDGEPORT(BDR)
	.....	ENO T224 HEDGE	3000	EASTON(ESN)
	.....	(1)DOV T224 JFK T315 HFD	5000	HARTFORD(HFD)
	.....	(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 RIVER(NHK)
	.....	ENO V29 PXT063 PXT	4000	PATUXENT RIVER(NHK)
	.....	ENO V29 DQO	5000	PHILADELPHIA(PHL)
	.....	ENO V29	6000	SALISBURY(SBY)
	.....	ENO T224 CHOPS T320 VAALI CAPKO	6000	WASHINGTON(DCA)
	.....	DOV ENO V29 DQO	5000	WILMINGTON(ILG)
	.....	ENO T224 CYN	5000	WRIGHTSTOWN(WRI)
ELMIRA/CORNING(ELM)	.....	ULW GIBBE	8000	ROCHESTER(ROC)
	.....	V147	8000	ROCHESTER(ROC)
	.....	V35	8000	SYRACUSE(SYR)
	.....	V147	8000	WILKES-BARRE/SCRANTON(AVP)
	.....	V36 V29	8000	WILKES-BARRE/SCRANTON(AVP)
GROTON (NEW LONDON)(GON)	.....	GON BAF V146	10000	ALBANY(ALB)
	.....	HFD PWL HUO T299 FJC	5000	ALLENTOWN(ABE)
	.....	(1)GON V374 CREAM T224 JFK T315 ACY	10000	ATLANTIC CITY(ACY)
	.....	YANTC T224 BOS PEASE ENE	10000	AUGUSTA(AUG)
	.....	(1)GON V374 CREAM T224 ENO T358 SWANN	8000	BALTIMORE(BWI)
	.....	YANTC T224 BOS PEASE ENE T295 BGR	10000	BANGOR(BGR)
	.....	YANTC T224 BOS PEASE ENE	10000	BAR HARBOR(BHB)
	.....	YANTC T224 WOONS	10000	BEDFORD & NORTH SATS
	.....	(3)YANTC T224 WOONS	10000	BOSTON(BOS)
	.....	(5)PVD T393 INNDY	10000	BOSTON(BOS)
	.....	GON V374 DENNA	10000	BRIDGEPORT(BDR)
	.....	BAF V146 ALB T608 WOZEE	10000	BUFFALO(BUF)
	.....	YANTC T320 GDM T315 BTV	10000	BURLINGTON(BTV)
	.....	YANTC T224 WOONS MANCH	10000	CONCORD(CON)
	.....	(3)GON V374 CREAM BDR ALIXX RYMES	10000	DANBURY(DXR)
	.....	(5)ORW BAF IGN V157 HAARP	10000	DANBURY(DXR)
	.....	(1)GON V374 CREAM T224 ENO	10000	DOVER(DOV)
	.....	CTR V270 ULW	10000	ELMIRA/CORNING(ELM)
	.....	GON CTR V270 ULW JHW		ERIE(ERI)
	.....	GON V374 CREAM T224 CCC V46 DPK	10000	FARMINGDALE(FRG)
	.....	HFD	10000	HARTFORD(HFD)
	.....	PVD T393 GAILS	10000	HYANNIS(HYA)
	.....	YANTC T320 GDM	10000	KEENE(EEN)
	.....	YANTC T320 GDM	10000	LEBANON(LEB)
	.....	YANTC T224 WOONS	10000	MANCHESTER(MHT)
	.....	GON T216 NEWBE T300 DEEPO	10000	NANTUCKET(ACK)
	.....	GON V374 CREAM	10000	NEW HAVEN(HVN)

Approach Control Area (Including Satellites)		Route	Highest Altitude	Destination
	.....	GON V374 CREAM T224 CCC	10000	NEW YORK(ISP)
	.....	GON V374 CREAM T224 CCC V46 DPK	10000	NEW YORK(JFK)
	.....	GON V374 CREAM BDR PRENO	10000	NEW YORK(LGA)
	.....	GON NELIE T212 TRESA(GNSS EQUIPPED ONLY)	10000	NEW YORK(SWF)
	.....	(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/SCRANTON(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 V499	6000	BALTIMORE(BWI)
	.....	LRP V499	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 V30 SBJ V232 TYKES V123 PROUD(PROPS ONLY)	7000	NEW YORK(LGA)
	.....	LRP V39 ETX V30 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 ROBRT AML	8000	WASHINGTON(IAD)
	.....	LRP V39 ROBRT 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/SCRANTON(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)

Approach Control Area (Including Satellites)		Route	Highest Altitude	Destination
	.....	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)
	.....	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)NELIE 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(ELM)
	.....	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 CLOWW(/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 MVY	10000	VINEYARD HAVEN(MVY)
	.....	V1 BELTT	10000	WESTHAMPTON BEACH(FOK)
	.....	(3)HFD V1 MAD BDR ALIXX RYMES	10000	WHITE PLAINS(HPN)
	.....	PWL V34 WEETS LVZ	6000	WILKES-BARRE/SCRANTON(AVP)
	.....	GON CCC T224 CYN	10000	WRIGHTSTOWN(WRI)
	.....	MAD BEADS T320 DRIFT T416 CYN	10000	WRIGHTSTOWN(WRI)
HYANNIS(HYA)	.....	PVD V146	10000	ALBANY(ALB)
	.....	(1)MVY MINNK V374 GON CCC T224 JFK T315 ACY	10000	ATLANTIC CITY(ACY)
	.....	MVY NEWBE SEY ORCHA T320 BRIGS	10000	ATLANTIC CITY(ACY)
	.....	FREDO BOS PEASE ENE	10000	AUGUSTA(AUG)
	.....	(1)MVY MINNK V374 GON CCC T224 ENO T358 SWANN	8000	BALTIMORE(BWI)
	.....	MVY 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

Approach Control Area (Including Satellites)		Route	Highest Altitude	Destination
	.....	MINNK V374 DENNA	10000	BRIDGEPORT(BDR)
	.....	MVY MVY230 V34 SEY HTO HTO302 KEYED(WATER)	10000	BRIDGEPORT(BDR)
	.....	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 MVY230 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)
KEENE(EEN)	.....	(3)GDM T315 HFD V1 MAD BDR ALIXX RYMES	10000	DANBURY(DXR)
LEBANON(LEB)	.....	GDM T315 HFD V1 MAD BDR ALIXX RYMES	10000	DANBURY(DXR)
MANCHESTER(MHT)	.....	GDM T314 BAF SASHA T295 LAAYK(GNSS EQUIPPED ONLY)	10000	ALLENTOWN(ABE)
	.....	GDM HFD MAD BEADS T320 BRIGS	10000	ATLANTIC CITY(ACY)

Approach Control Area (Including Satellites)	Route	Highest Altitude	Destination
.....	GDM YANTC T224 JFK T315 ACY	10000	ATLANTIC CITY(ACY)
.....	GDM HFD MAD BEADS T320 AVALO T358 SWANN	8000	BALTIMORE(BWI)
.....	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/FARMINGDALE(BLM)
.....	GDM YANTC T224 JFK COL	10000	BELMAR/FARMINGDALE(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(ELM)
.....	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 LFV	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(OXC)
.....	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/SCRANTON(AVP)

Approach Control Area (Including Satellites)		Route	Highest Altitude	Destination
	.....	CLOWW WITNY(RNAV ONLY)	10000	WINDSOR LOCKS(BDL)
	.....	CLOWW SPENO	10000	WORCESTER(ORH)
MORRISTOWN(MMU)	.....	BREZY V39 CMK V3 HFD CLOWW	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 BTV	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(ELM)
	.....	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)

Approach Control Area (Including Satellites)		Route	Highest Altitude	Destination
	.....	ACK V146 PVD V167 HFD V1 MAD BDR ALIXX RYMES	10000	WHITE PLAINS(HPN)
	.....	MVY 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 MVY V374 GON CCC T224 CYN	10000	WRIGHTSTOWN(WRI)
	.....	ACK T216 SEY ORCHA T320 DRIFT T416 CYN	10000	WRIGHTSTOWN(WRI)
NEW YORK(ISP)	.....	SAX V249 SBJ V30 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/FARMINGDALE(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 V30 ETX T299 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 V30 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 HFD CLOWW(/E, /F, /G ONLY)	10000	PORTSMOUTH(PSM)
	.....	ORCHA WACKY PVD(RNAV/GNSS REQUIRED)	7000	PROVIDENCE(PVD)
	.....	SAX V249 SBJ V30 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 MVY	9000	VINEYARD HAVEN(MVY)

Approach Control Area (Including Satellites)		Route	Highest Altitude	Destination
	.....	(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	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)
NEW YORK(JFK)	.....	SAX V249 SBJ V30 ETX(NON-JETS/NON-TURBOPROPS ONLY)	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)
	.....	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/FARMINGDALE(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 V30 ETX T299 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 V30 ETX T299 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	NANTUCKET(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 CLOWW(/E, /F, /G ONLY)	10000	PORTSMOUTH(PSM)
	.....	BDR CARLD V188 GON(GREATER THAN 210 KTS IAS)	9000	PROVIDENCE(PVD)
	.....	SAX V249 SBJ V30 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)

Approach Control Area (Including Satellites)		Route	Highest Altitude	Destination
	.....	BDR CARLD V188 GON V374 MVY	9000	VINEYARD HAVEN(MVY)
	.....	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)
NEW YORK(LGA)	.....	SAX V249 SBJ V30 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 V30 ETX V39 LRP V499 BAL(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/FARMINGDALE(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 V30 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 V30 ETX T299 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 V30 ETX T299 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(ISP)
	.....	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 CLOWW(/E, /F, /G ONLY)	10000	PORTSMOUTH(PSM)
	.....	BDR CARLD V188 GON	9000	PROVIDENCE(PVD)
	.....	SBJ SAX V249 V30 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 V30 ETX V39 LRP V499 BAL(PROPS ONLY)	8000	WASHINGTON(DCA)

Approach Control Area (Including Satellites)		Route	Highest Altitude	Destination
	.....	SAX V249 SBJ LANNA V30 ETX V39 ROBRT AML(PROPS ONLY)	8000	WASHINGTON(IAD)
	.....	CMK	3000	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)
NEW YORK(SWF)	.....	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 PWL HFD CLOWW	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)
	.....	PWL BAF	10000	WORCESTER(ORH)
NEWARK(EWR)	.....	LANNA V30 ETX(JETS ONLY)	8000	ALLENTOWN(ABE)
	.....	LANNA V30 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 V30 ETX V39 LRP V499 BAL(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/FARMINGDALE(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 V30 ETX T299 HAR(PROPS 210 KTS OR GREATER)	8000	HARRISBURG(CXY)
	.....	SBJ LANNA V30 ETX T299 HAR(PROPS ONLY)	6000	HARRISBURG(CXY)

Approach Control Area (Including Satellites)	Route	Highest Altitude	Destination
.....	LANNA V30 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)
.....	LANNA V30 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 V30 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(OXC)
.....	(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 CLOWW(/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 V30 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)

Approach Control Area (Including Satellites)		Route	Highest Altitude	Destination
	.....	LANNA V30 ETX V39 LRP V93 BAL(PROPS ONLY; PROPS 210 KTS OR GREATER-8000)	6000	WASHINGTON(DCA)
	.....	LANNA V30 ETX V39 ROBRT 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)
	.....	CCV V139 SWL(NW BND ONLY)	5000	SNOW HILL(SWL)
	.....	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 RADDS 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)	6000/8000	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)

Approach Control Area (Including Satellites)		Route	Highest Altitude	Destination
	.....	MXE V408 ROBRT AML	8000	WASHINGTON(IAD)
	.....	FJC STW SAX V39 BREZY	5000	WHITE PLAINS(HPN)
	.....	FJC LVZ	5000	WILKES-BARRE/SCRANTON(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(ISP)
	.....	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/FARMINGDALE(BLM)
	.....	GDM YANTC T224 JFK COL	10000	BELMAR/FARMINGDALE(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)

Approach Control Area (Including Satellites)		Route	Highest Altitude	Destination
	.....	MANCH T314 GDM T320 YANTC	10000	GROTON (NEW LONDON)(GON)
	.....	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 RADDS 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(OXC)
	.....	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/SCRANTON(AVP)
	.....	CLOWW WITNY(RNAV ONLY)	10000	WINDSOR LOCKS(BDL)
	.....	CLOWW SPENO	10000	WORCESTER(ORH)
PROVIDENCE(PVD)	.....	PUT ALB	10000	ALBANY(ALB)
	.....	HFD PWL HUO 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)

Approach Control Area (Including Satellites)		Route	Highest Altitude	Destination
	.....	HFD	10000	BRIDGEPORT(BDR)
	.....	PUTNM ALB T608 WOZEE	10000	BUFFALO(BUF)
	.....	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(ELM)
	.....	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(ISP)
	.....	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(OXC)
	.....	(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/SCRANTON(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/SCRANTON(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(ELM)
	.....	LAMMS T608 SYR	10000	SYRACUSE(SYR)
SYRACUSE(SYR)	.....	SYR T608 LOBBY	10000	BEDFORD(BED)
	.....	SYR V29 CFB	6000	BINGHAMTON(BGM)

Approach Control Area (Including Satellites)		Route	Highest Altitude	Destination
	.....	SYR T608 REVER	10000	BOSTON(BOS)
	.....	RKA V433 PETER V270 ATHOS V44 DENNA	10000	BRIDGEPORT(BDR)
	.....	(3)RKA V433 TRESA V123 HAARP	10000	DANBURY(DXR)
	.....	SYR V35 ULW	6000	ELMIRA/CORNING(ELM)
	.....	V29	6000	ELMIRA/CORNING(ELM)
	.....	ALB T300 STELA	10000	GROTON (NEW LONDON)(GON)
	.....	ALB	10000	HARTFORD(HFD)
	.....	ALB CTR PVD T393 GAILS	10000	HYANNIS(HYA)
	.....	ALB CTR PVD V405 MVY	10000	NANTUCKET(ACK)
	.....	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 MVY	10000	VINEYARD HAVEN(MVY)
	.....	ALB	10000	WINDSOR LOCKS(BDL)
	.....	ALB T300 STELA	10000	WORCESTER(ORH)
TETERBORO(TEB)	.....	BREZY V39 CMK V3 HFD CLOWW		PORTSMOUTH(PSM)
VINEYARD HAVEN(MVY)	.....	PVD V146	10000	ALBANY(ALB)
	.....	(1)MVY V374 GON CCC T224 JFK T315 ACY	10000	ATLANTIC CITY(ACY)
	.....	(1)NEWBE T216 SEY ORCHA T320 BRIGS	10000	ATLANTIC CITY(ACY)
	.....	(1)MVY 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
	.....	MVY 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)MVY V146 BAF IGN V157 HAARP	10000	DANBURY(DXR)
	.....	SEY V34 CREAM BDR ALIXX RYMES	10000	DANBURY(DXR)
	.....	(1)MVY 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(ELM)
	.....	PVD V146 CTR V270 ULW JHW		ERIE(ERI)
	.....	MVY MVY230 V34 SEY HTO V46 DPK	10000	FARMINGDALE(FRG)
	.....	V374 GON CCC V46 DPK	10000	FARMINGDALE(FRG)
	.....	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)
	.....	MVY 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)MVY V374 GON CCC T224 JIIMS OOD	10000	PHILADELPHIA(PHL)
	.....	NEWBE T216 SEY ORCHA T320 BRIGS ACY V184 OOD	10000	PHILADELPHIA(PHL)
	.....	(1)MVY V374 GON CCC T224 DIXIE T438 ARD	10000	PHILADELPHIA(PNE)
	.....	NEWBE T216 SEY ORCHA T320 MANTA T438 ARD	10000	PHILADELPHIA(PNE)

Approach Control Area (Including Satellites)		Route	Highest Altitude	Destination
	.....	FREDO BOS PEASE ENE	10000	PORTLAND(PWM)
	.....	FREDO BOS PEASE	10000	PORTSMOUTH(PSM)
	.....	(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)
WASHINGTON(DCA)	.....	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(ISP)
	.....	(1)PALEO V312 GOLDA T358 LEEAH V1 JFK	7000	NEW YORK(ISP)
	.....	PALEO V312 GOLDA T358 AVALO T320 SARDI CCC(TWIN ENGINE; 1100-0300)	7000	NEW YORK(ISP)
	.....	(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 ZIGGI(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,LDJ,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)

Approach Control Area (Including Satellites)		Route	Highest Altitude	Destination
	.....	MRB WOOLY EMI V419 MXE V3 SBJ(TURBOPROPS)		TETERBORO METRO(TEB,CDW,LDJ,MMU,SMQ,47N)
	.....	DIRECT	3000	WASHINGTON(DCA)
WHITE PLAINS(HPN)	.....	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 V30 ETX V39 LRP V499 BAL(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/FARMINGDALE(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 CLOWW(/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 V30 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 MVY	10000	VINEYARD HAVEN(MVY)
	.....	SAX V249 SBJ LANNA V30 ETX V39 LRP V93 BAL(PROPS ONLY)	8000	WASHINGTON(DCA)
	.....	SAX V249 SBJ LANNA V30 ETX V39 ROBRT AML(PROPS ONLY)	8000	WASHINGTON(IAD)
	.....	DIXIE T315 PANZE V44 SIE(PROPS ONLY)	6000	WILDWOOD(WWD)

Approach Control Area (Including Satellites)		Route	Highest Altitude	Destination
	.....	DIXIE V1 HOWIE(JETS ONLY)	8000	WILDWOOD(WWD)
	.....	CMK V419 JUDDS	10000	WINDSOR LOCKS(BDL)
	.....	CMK V3 HFD V1 GRAYM	10000	WORCESTER(ORH)
	.....	DIXIE T224 CYN	6000	WRIGHTSTOWN(WRI)
WILKES-BARRE/SCRANTON(AVP)	.....	V29	8000	BINGHAMTON(BGM)
	.....	V499	7000	BINGHAMTON(BGM)
	.....	V147	6000	ELMIRA/CORNING(ELM)
	.....	V36	8000	ELMIRA/CORNING(ELM)
	.....	LVZ T212 SEG T291 HAR	8000	HARRISBURG(CXY)
	.....	LVZ T295 LRP	6000	LANCASTER(LNS)
	.....	V613 FJC BWZ(JETS ONLY)	6000	NEWARK(EWR)
	.....	V613 FJC BWZ(NON-JETS ONLY)	5000	NEWARK(EWR)
	.....	LVZ T295 DUMMR	6000	READING(RDG)
WINDSOR LOCKS(BDL)	.....	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 V268 ENO	10000	DOVER(DOV)
	.....	CTR V270 ULW	10000	ELMIRA/CORNING(ELM)
	.....	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)

Approach Control Area (Including Satellites)		Route	Highest Altitude	Destination
	.....	ALB	10000	SYRACUSE(SYR)
	.....	GON CCC T224 DIXIE T438 RBV	10000	TRENTON(TTN)
	.....	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/SCRANTON(AVP)
	.....	GON CCC T224 CYN	10000	WRIGHTSTOWN(WRI)
	.....	MAD BEADS T320 DRIFT T416 CYN	10000	WRIGHTSTOWN(WRI)
WORCESTER(ORH)	.....	CTR	10000	ALBANY(ALB)
	.....	PWL HUO 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(ELM)
	.....	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 ORW	10000	NORWICH(ORW)
	.....	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)

Approach Control Area (Including Satellites)		Route	Highest Altitude	Destination
	.....	(3)HFD V1 MAD BDR ALIXX RYMES	10000	WHITE PLAINS(HPN)
	.....	PWL V34 WEETS T212 LVZ	6000	WILKES-BARRE/SCRANTON(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)RBV V276 DIXIE JFK	5000	NEW YORK(JFK)
	.....	DIXIE T224 JFK	5000	NEW YORK(JFK)
	.....	GXU GXU055 RBV122 ZIGGI JFK210 JFK(NO SINGLE ENGINE)	5000	NEW YORK(JFK)
	.....	RBV V276 ZIGGI JFK210 JFK(TWINS ONLY)	5000	NEW YORK(JFK)
	.....	V184 ZIGGI JFK210 JFK(TWINS ONLY)	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 V276 RBV RBV005 OWBIE	5000	NEWARK(EWR)
	.....	DIXIE T438 RBV V249 METRO(TURBOPROPS AND JETS)	6000	NEWARK(EWR)
	.....	V184 ZIGGI V276 RBV RBV005 OWBIE(JETS ONLY)	6000	NEWARK(EWR)
	.....	V1 CYN V312 OOD(JETS ONLY)	5000	PHILADELPHIA(PHL)
	.....	V1 CYN V312 OOD(PROPS ONLY)	4000	PHILADELPHIA(PHL)
	.....	RBV V276 ARD	4000	PHILADELPHIA(PNE)
	.....	V1 DIXIE V276 ARD	4000	PHILADELPHIA(PNE)
	.....	V184 ZIGGI V276 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)
	.....	V184 ZIGGI V276 RBV V249 SAX V39 BREZY	5000	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 recleared 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 compliment 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.

FLIGHT PLANNING—GENERAL

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 VODOR 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 - N14B, N16B, N18D, N20A, N22A
  ii. BOBTU JAROM - N24A, N26A, N28A, N30A, N32A, N34A, N36F, N38F, N40F
  iii. VODOR - N42C, N44C, N46F, N48F, N50F, N52F, N54F, N56F
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 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, KDFW, KIAD, KIAH, 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/MIILS/TOPPS/EBONY/ALLEX

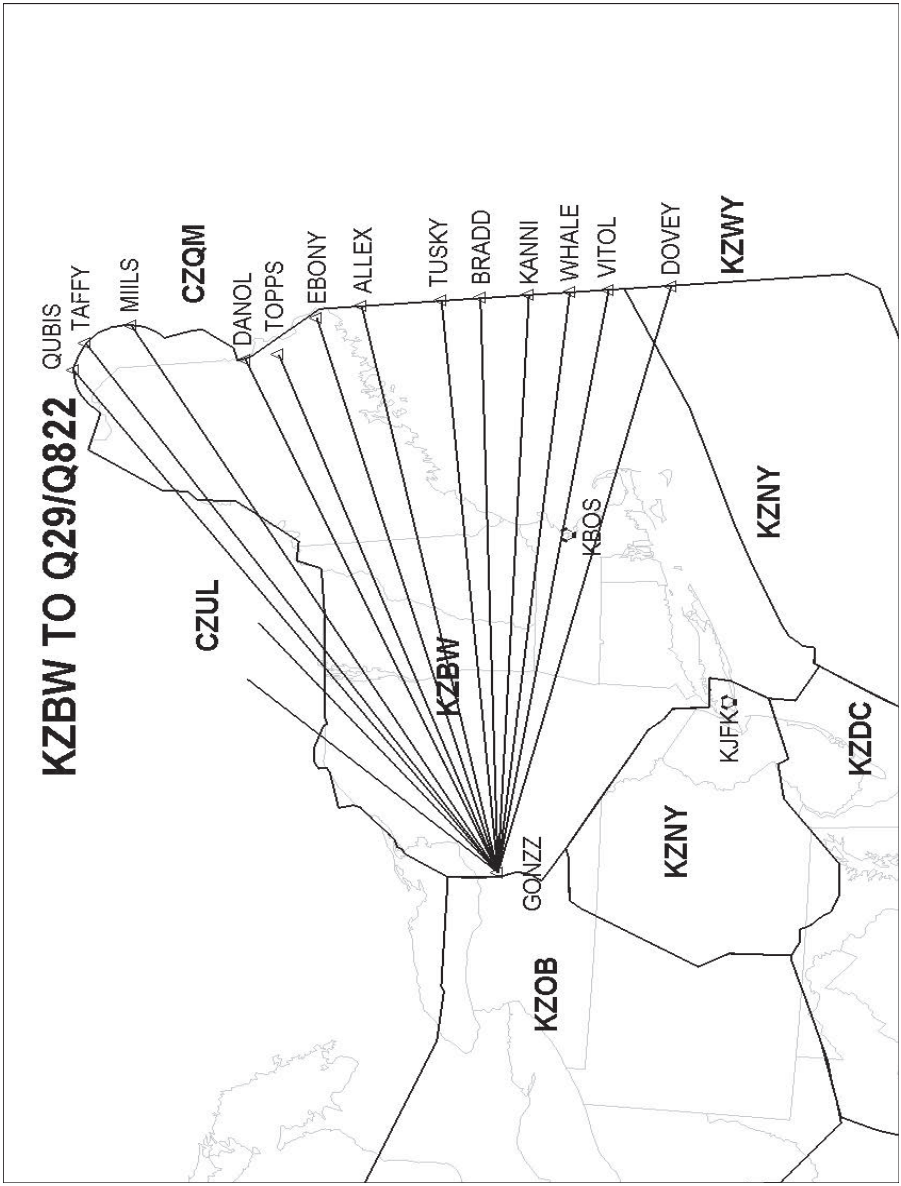
(2) Via RBV Q430 ACK TUSKY/BRADD/KANNI/WHALE/VITOL

(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.

Office of Primary Responsibility: Air Traffic Control System Command Center 540-222-9633



Office of Primary Responsibility (OPR): Boston ARTCC Traffic Management Unit
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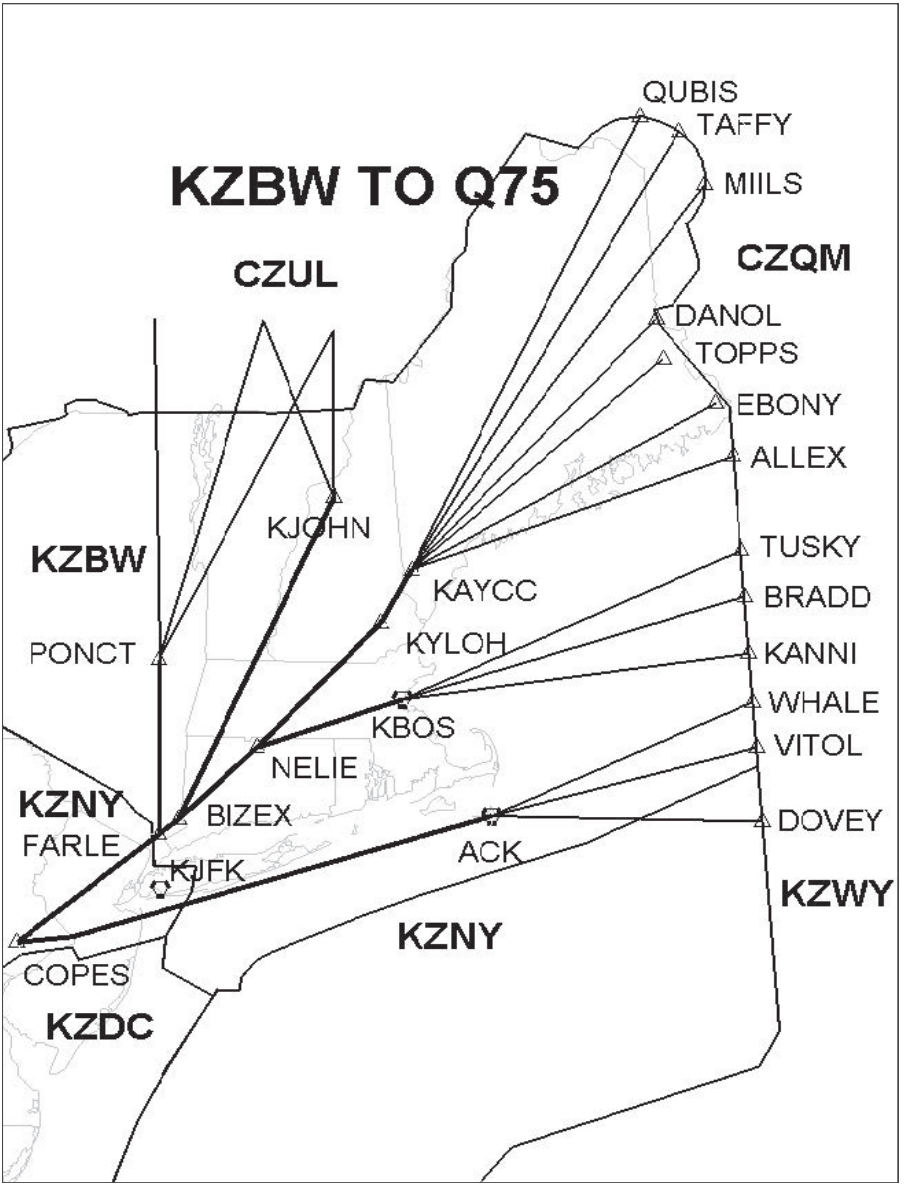
Original: August 2023



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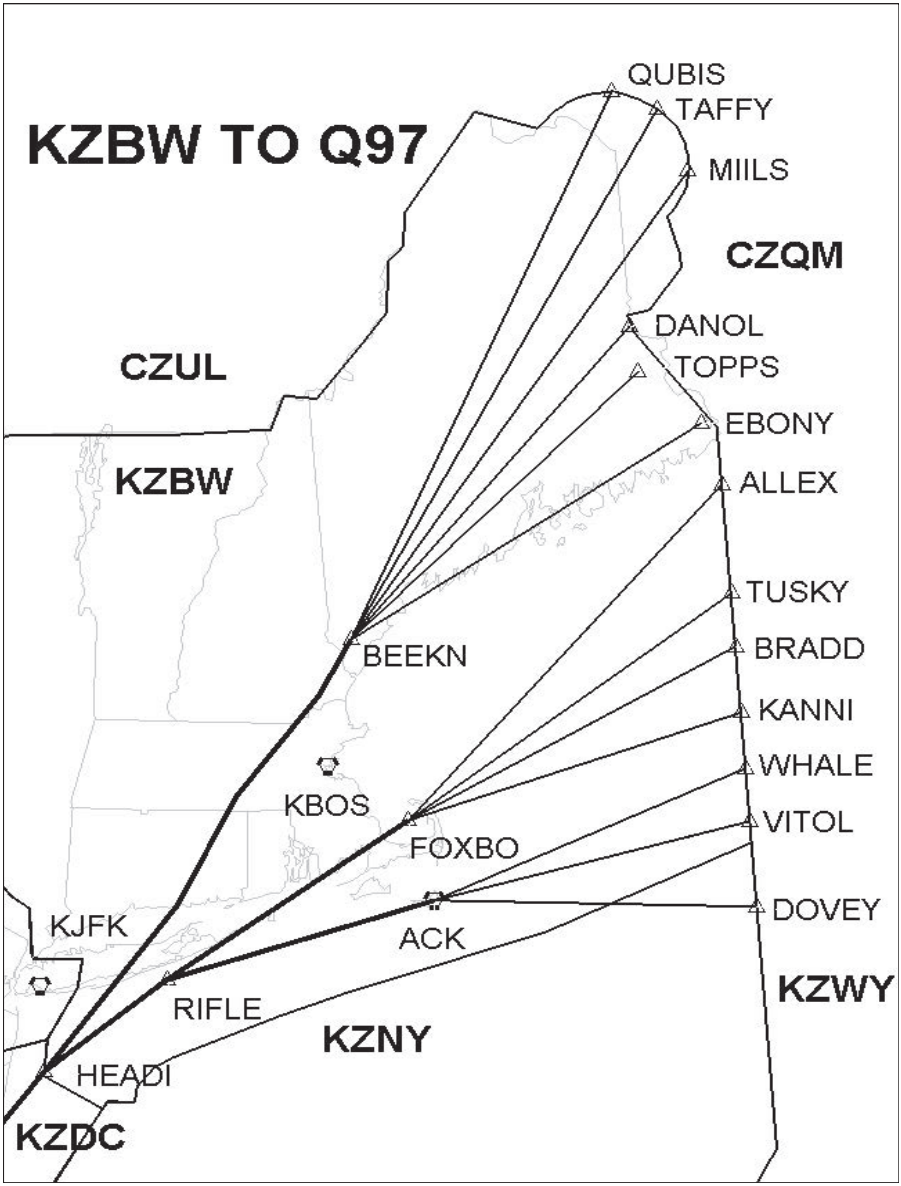

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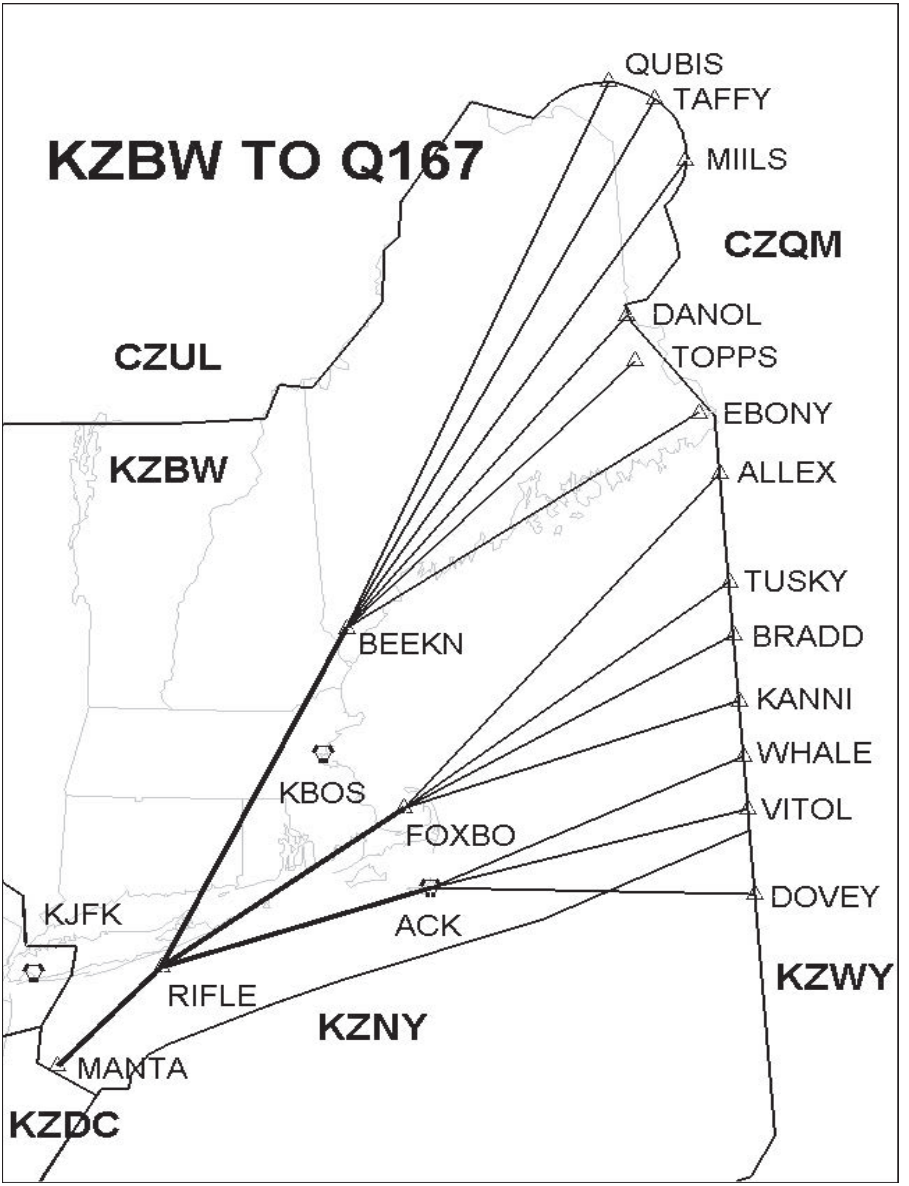

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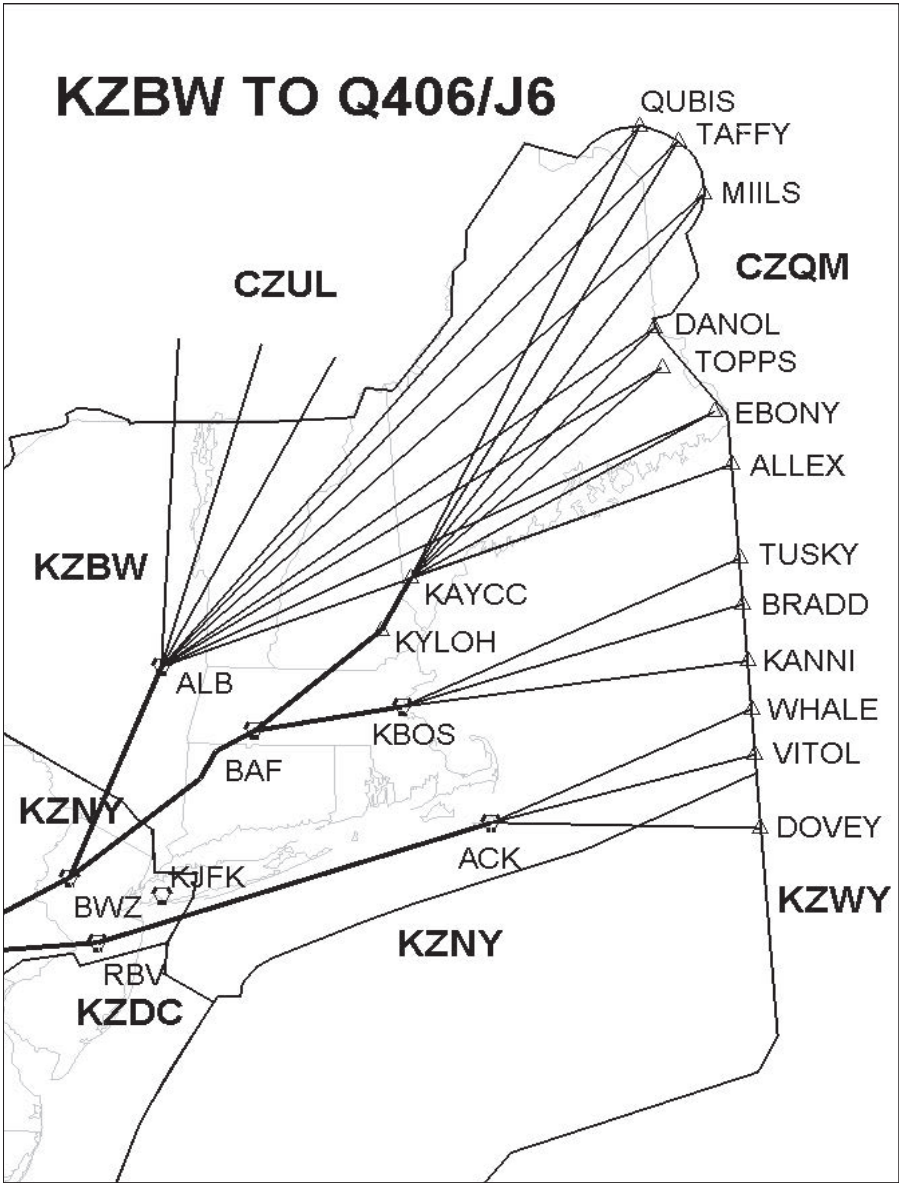

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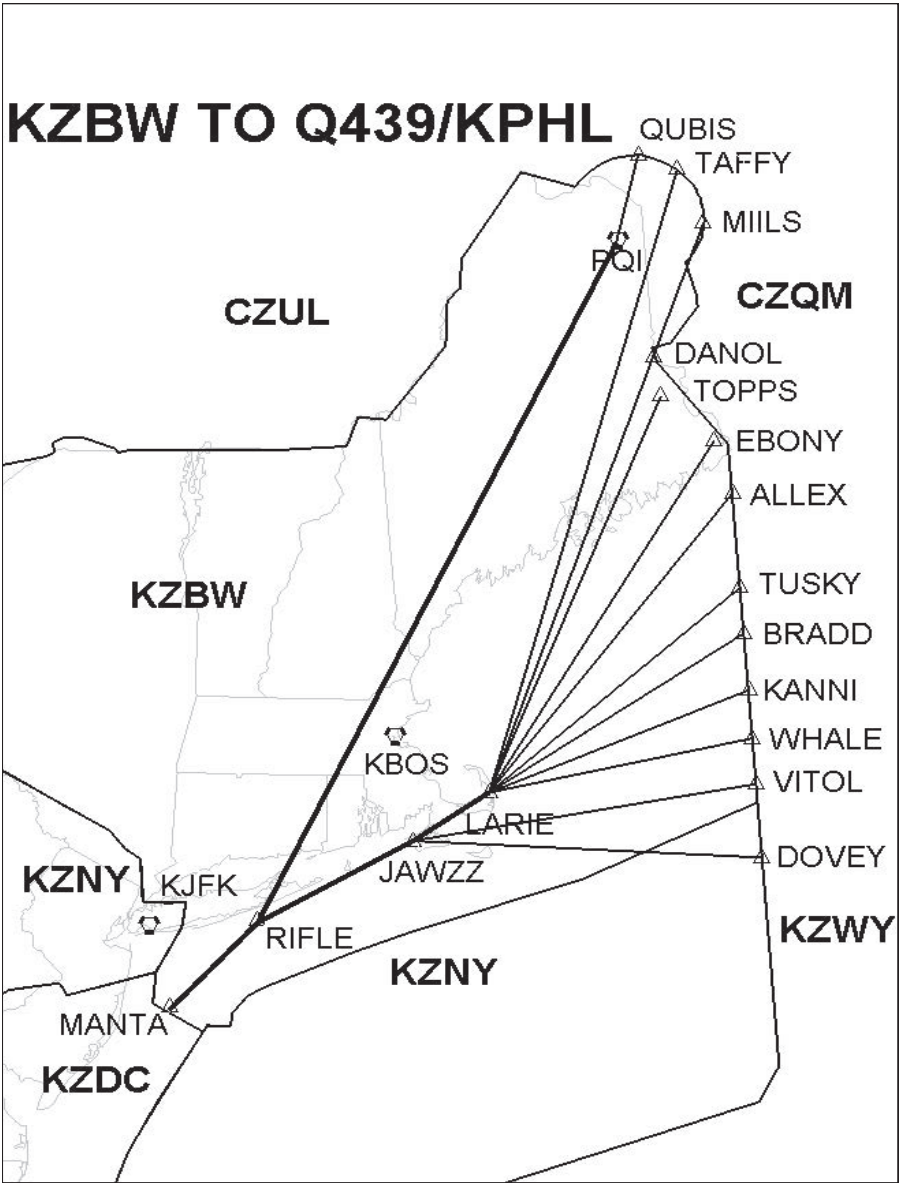

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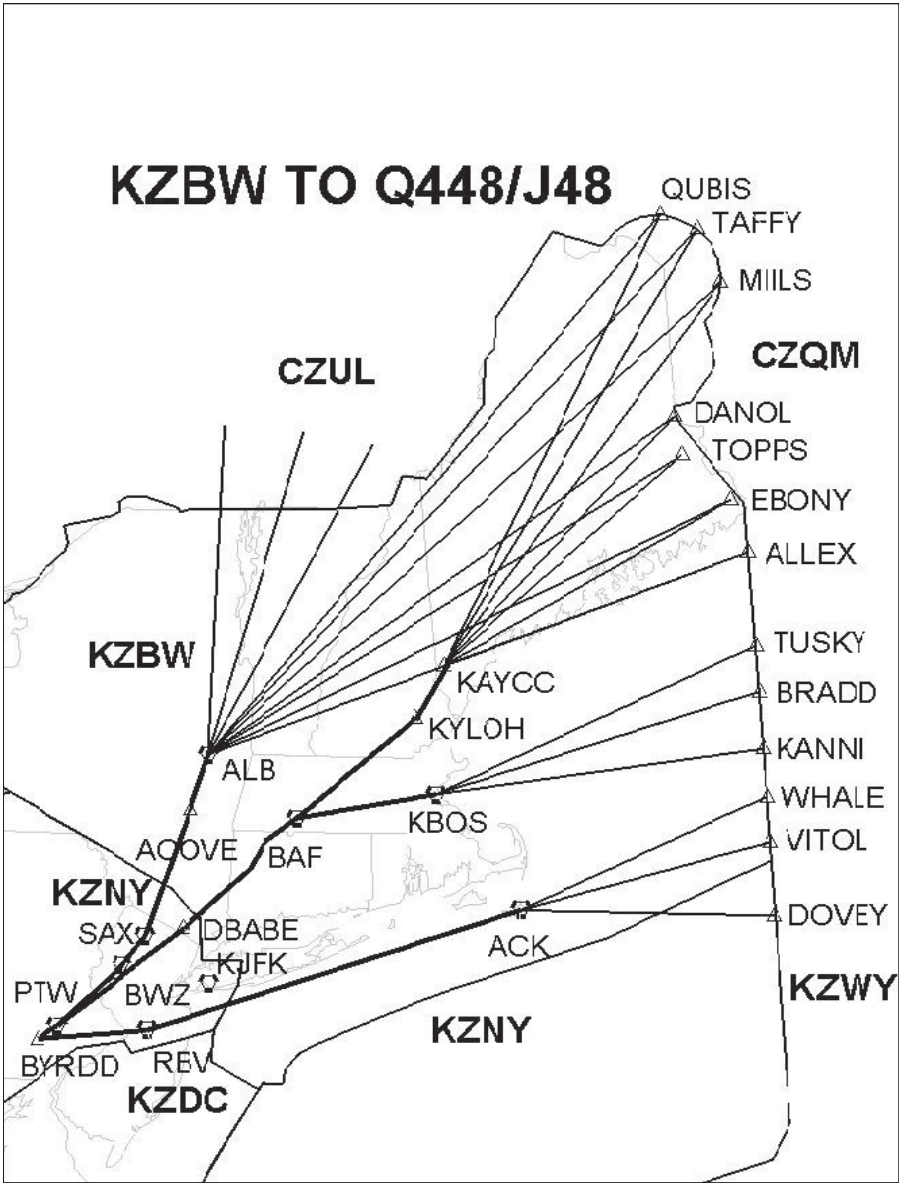

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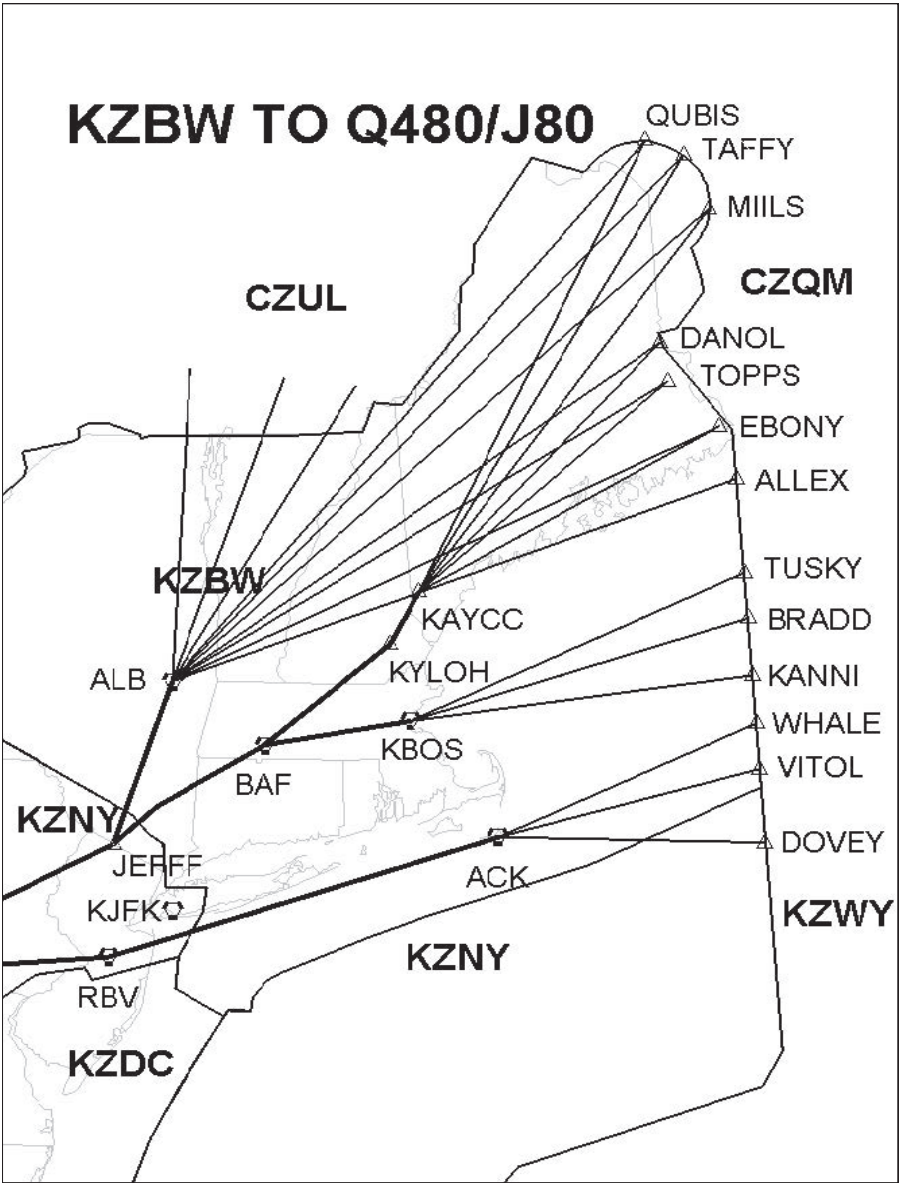


Office of Primary Responsibility (OPR): Boston ARTCC Traffic Management Unit
Contact Information:603-879-6033
Original: August 2023

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	JOBOC
N15B	MANTA	OWENZ LINND R56 KENDA	JOBOC
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

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

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

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

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

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 BNFSH (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

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 SEEVR (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 FEWWW 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 BNFSH (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

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 SEEVR (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 ZJAAY 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

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 FEWWW 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 FEWWW 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 PRMUS 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

VIA MADIZ

Inland Navigation Facility/Fix	Non–Common Portion	Destination
MADIZ	VIICE (RNAV)-STAR	MIAMI

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

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

VIA QUBIS

Inland Navigation Facility/Fix	Non–Common Portion	Destination
QUBIS	BEEKN Q439 RIFLE Q167ZIZZI KNUKK ATR LAFLN SPISY (RNAV)–STAR	ANDREWS
QUBIS	KAYCC KYLOH BAF Q448 PTW J48 MOL FLASK OZZZI (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
QUIBS	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

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 OZZZI (RNAV)–STAR	ATLANTA
SAILE	ACK Q430 SAAME J6 HVQ Q68 LITTR TXK BROBB WINDU SEWZY (RNAV)-STAR	AUSTIN
SAILE	SCUPP	BEDFORD
SAILE	FERNZ OOSHN (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 COPES 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 COPES 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

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 OZZZI (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 OOSHN (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 FEWWW 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 ZJAAY 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

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 FEWWW 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 ZJAAY 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

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 FEWWW 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

VIA VITOL

Inland Navigation Facility/Fix	Non–Common Portion	Destination
VITOL	JAWZZ Q220 RIFLE Q167 ZIZZI 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 FEWWW SEEVR (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 Incursion 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., (A1), (V), (MALSR)
2. Approach lighting systems that do not bear a system identification are indicated with a negative "(L)" beside the name.
A star (★) indicates non-standard PCL, consult Chart Supplement, e.g., (L★)
To activate lights, use frequency indicated in the communication section of the chart with a (L) or the appropriate lighting system identification e.g., UNICOM 122.8 (L), (A1), (V)

KEY MIKE	FUNCTION
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

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.

23334

LEGEND

INSTRUMENT APPROACH PROCEDURES (CHARTS)

AIRPORT DIAGRAM/AIRPORT SKETCH

Runways

Hard Surface | Other Than Hard Surface | Stopways,Taxiways, Parking Areas | Metal Surface

Closed Runway | Closed Surface | Under Construction | Water Runway

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.

uni-directional | bi-directional | Jet Barrier

ARRESTING SYSTEM ☐ (EMAS)

REFERENCE FEATURES

Displaced Threshold.....

Hot Spot .....

Runway Holding Position Markings.....

Buildings.....

Self-Serve Fuel ##.....

Tanks.....

Obstructions.....

Airport Beacon #.....

Runway Radar Reflectors.....

Bridges.....

Control Tower #..... TWR

	Unlit	Lit
Wind Cone.....		
Landing Tee.....		
Tetrahedron.....		

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 ≥ 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 ½ minute increments. They are further broken down into 6 second ticks, within each 1 minute increments.

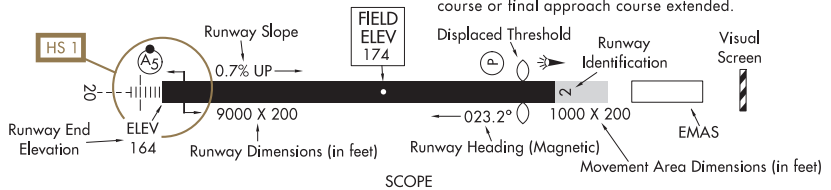
Positional accuracy within ± 600 feet unless otherwise noted on the chart.

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 D 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 ldg Rwy 15–33 and exit on Twy C, you immediately enter the parallel Twy B.
	HS 2	When ldg 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	Afct 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 (BVY)	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 taxing 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 taxing 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 wo 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 immed 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.

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.

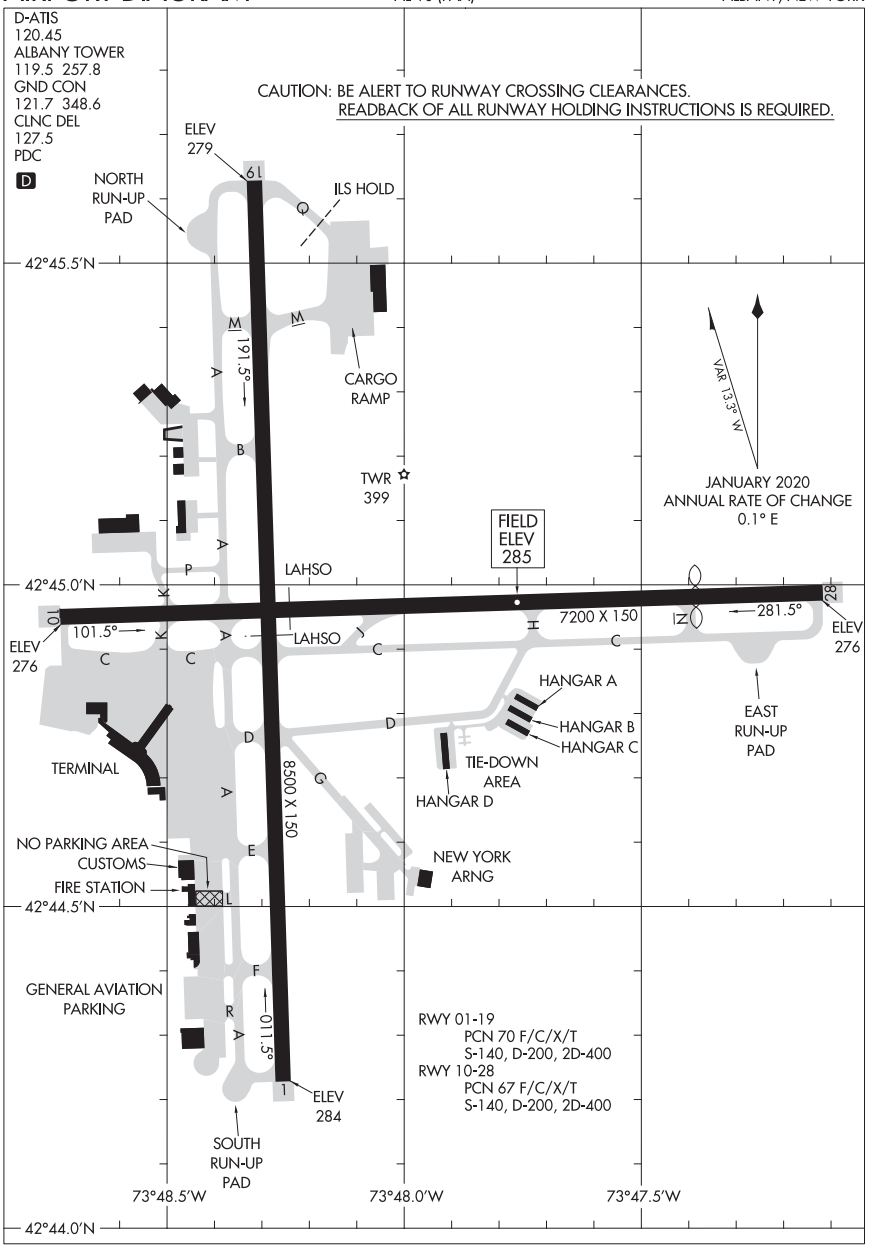
21168

AIRPORT DIAGRAM

AL-10 (FAA)

ALBANY INTL (ALB)

ALBANY, NEW YORK



AIRPORT DIAGRAM

21168

ALBANY, NEW YORK

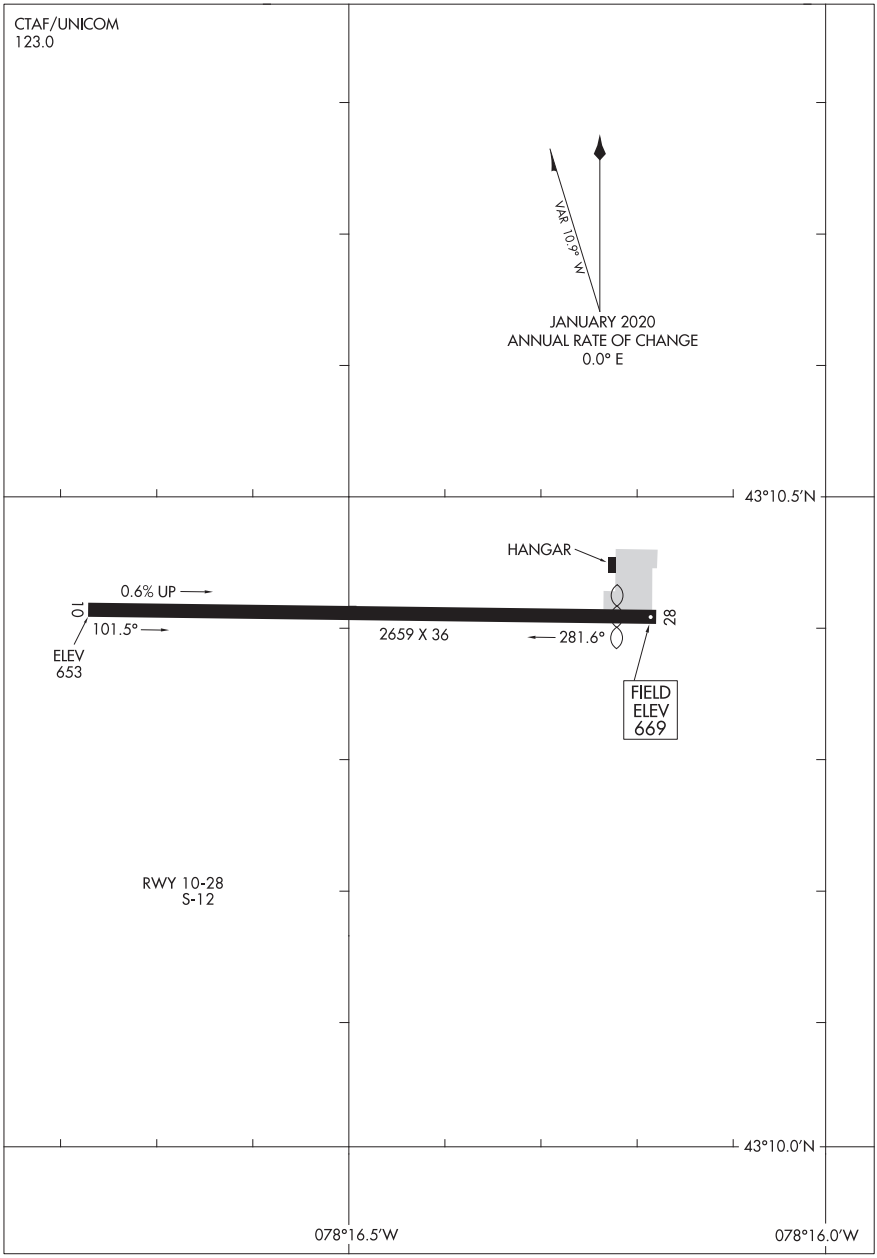
ALBANY INTL (ALB)

20086

AIRPORT DIAGRAM

AL-6495 (FAA)

PINE HILL (9G6)
ALBION, NEW YORK



AIRPORT DIAGRAM

20086

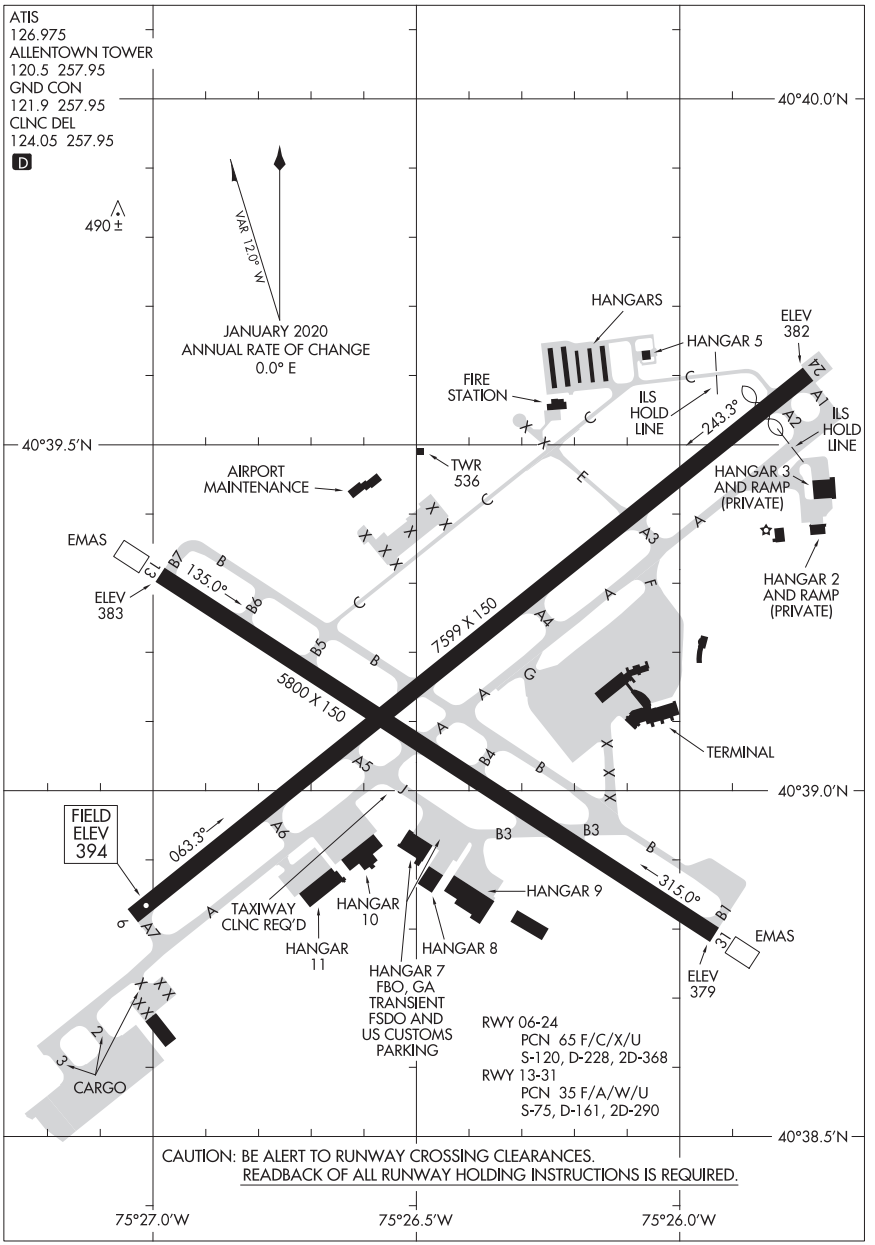
ALBION, NEW YORK
PINE HILL (9G6)

23278

AIRPORT DIAGRAM

AL-15 (FAA)

LEHIGH VALLEY INTL (ABE)
ALLENTOWN, PENNSYLVANIA



AIRPORT DIAGRAM

23278

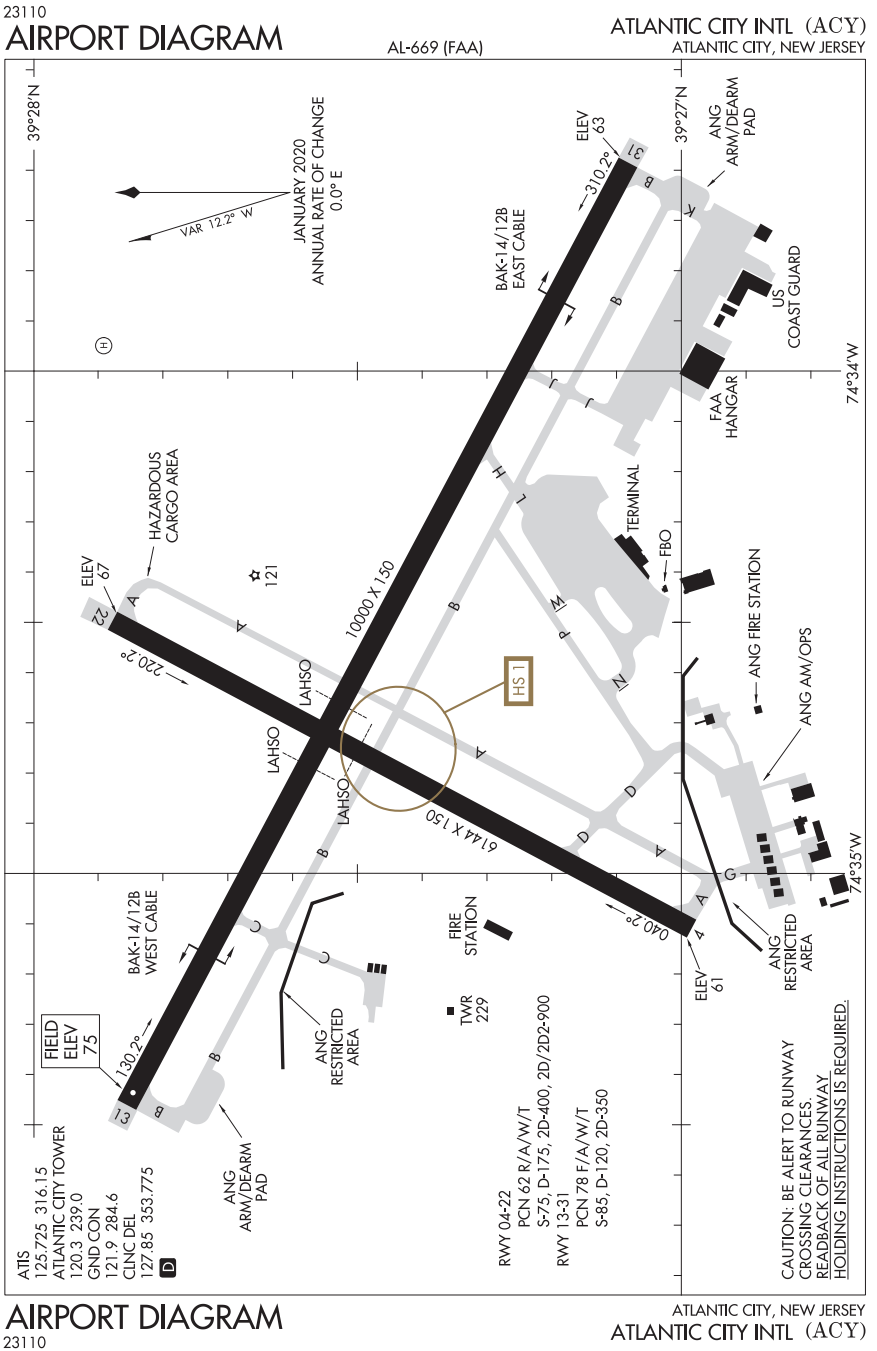
ALLENTOWN, PENNSYLVANIA
LEHIGH VALLEY INTL (ABE)

23110

AIRPORT DIAGRAM

AL-669 (FAA)

ATLANTIC CITY INTL (ACY)
ATLANTIC CITY, NEW JERSEY



AIRPORT DIAGRAM
23110

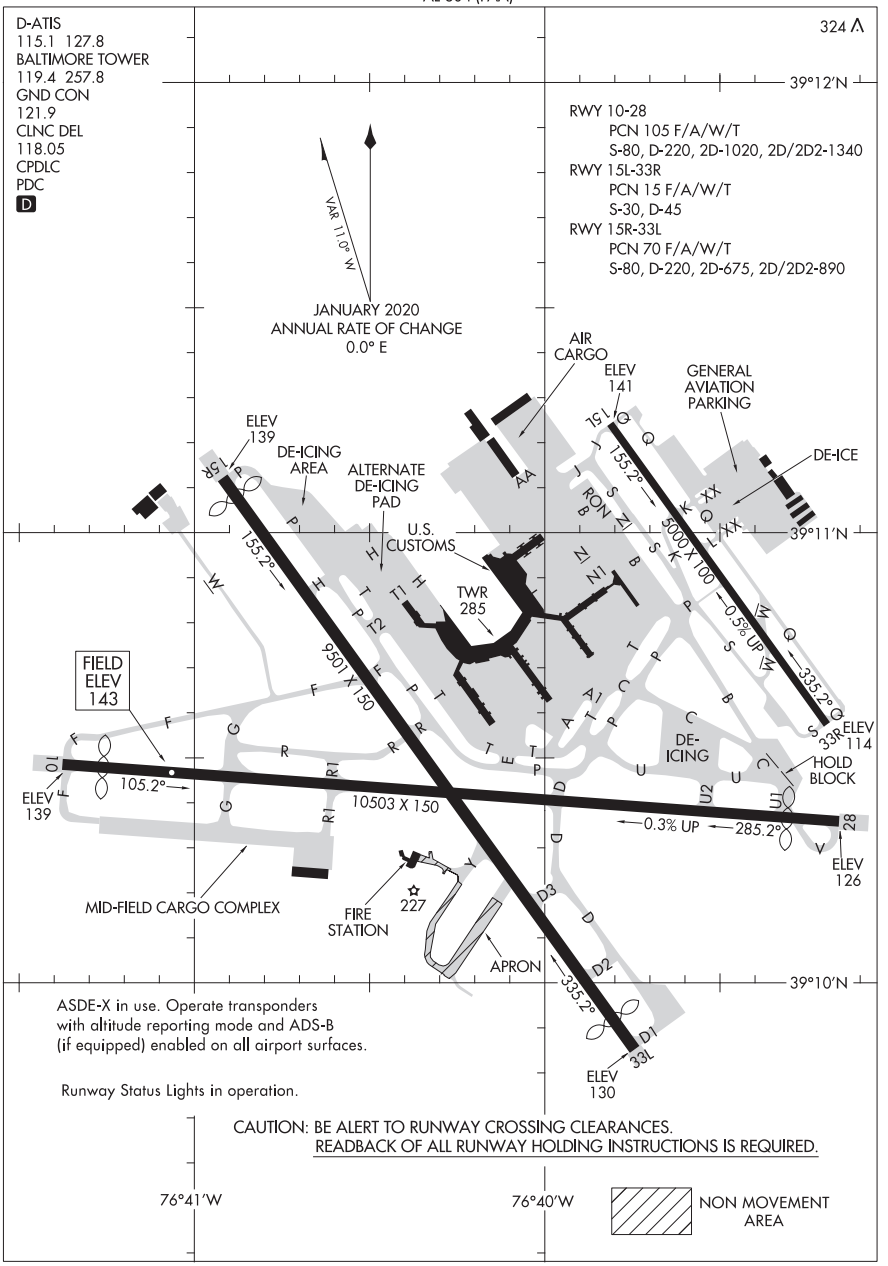
ATLANTIC CITY, NEW JERSEY
ATLANTIC CITY INTL (ACY)

20366
AIRPORT DIAGRAM

BALTIMORE/WASHINGTON INTL THURGOOD MARSHALL (BWI)

AL-804 (FAA)

BALTIMORE, MARYLAND



20366
AIRPORT DIAGRAM

BALTIMORE/WASHINGTON INTL THURGOOD MARSHALL (BWI)

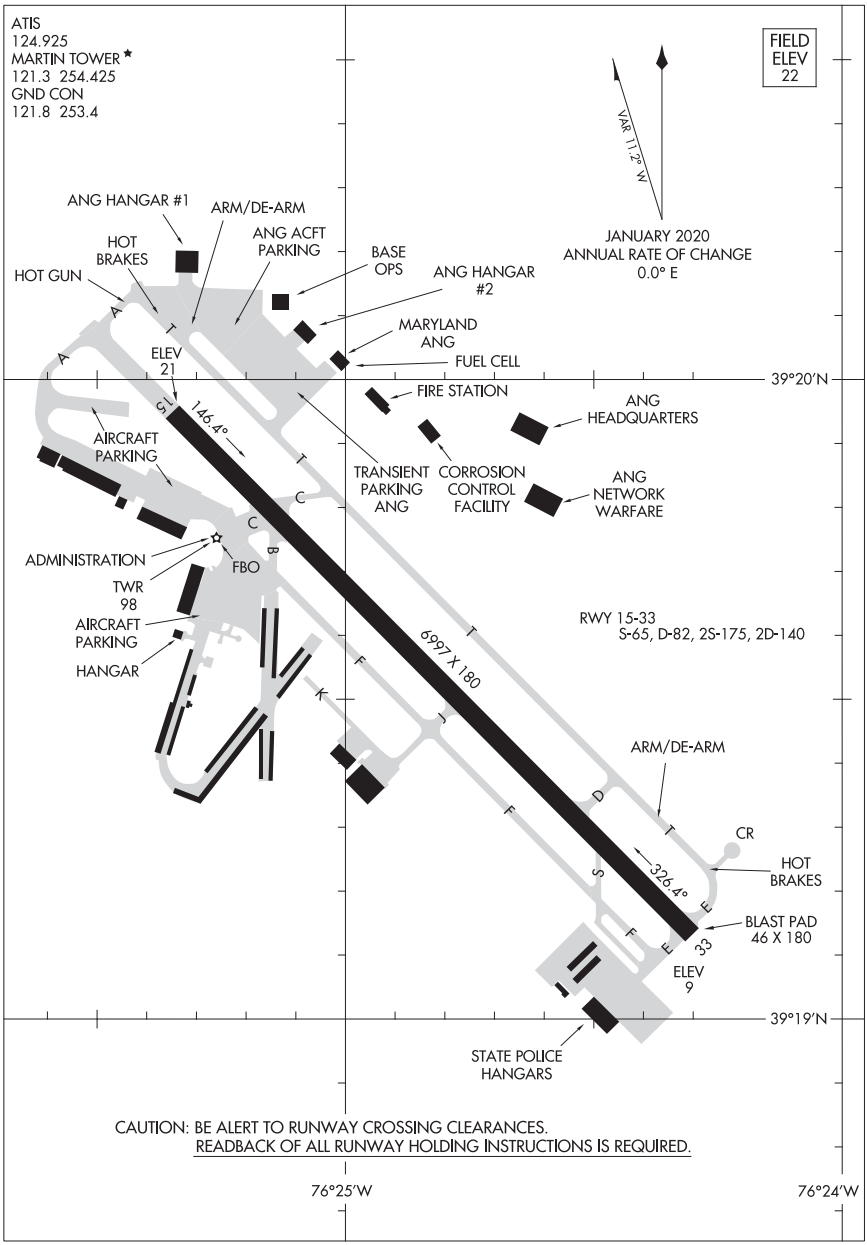
BALTIMORE, MARYLAND

23054

AIRPORT DIAGRAM

AL-5222 (FAA)

MARTIN STATE (MTN)
BALTIMORE, MARYLAND



CAUTION: BE ALERT TO RUNWAY CROSSING CLEARANCES.
READBACK OF ALL RUNWAY HOLDING INSTRUCTIONS IS REQUIRED.

AIRPORT DIAGRAM

23054

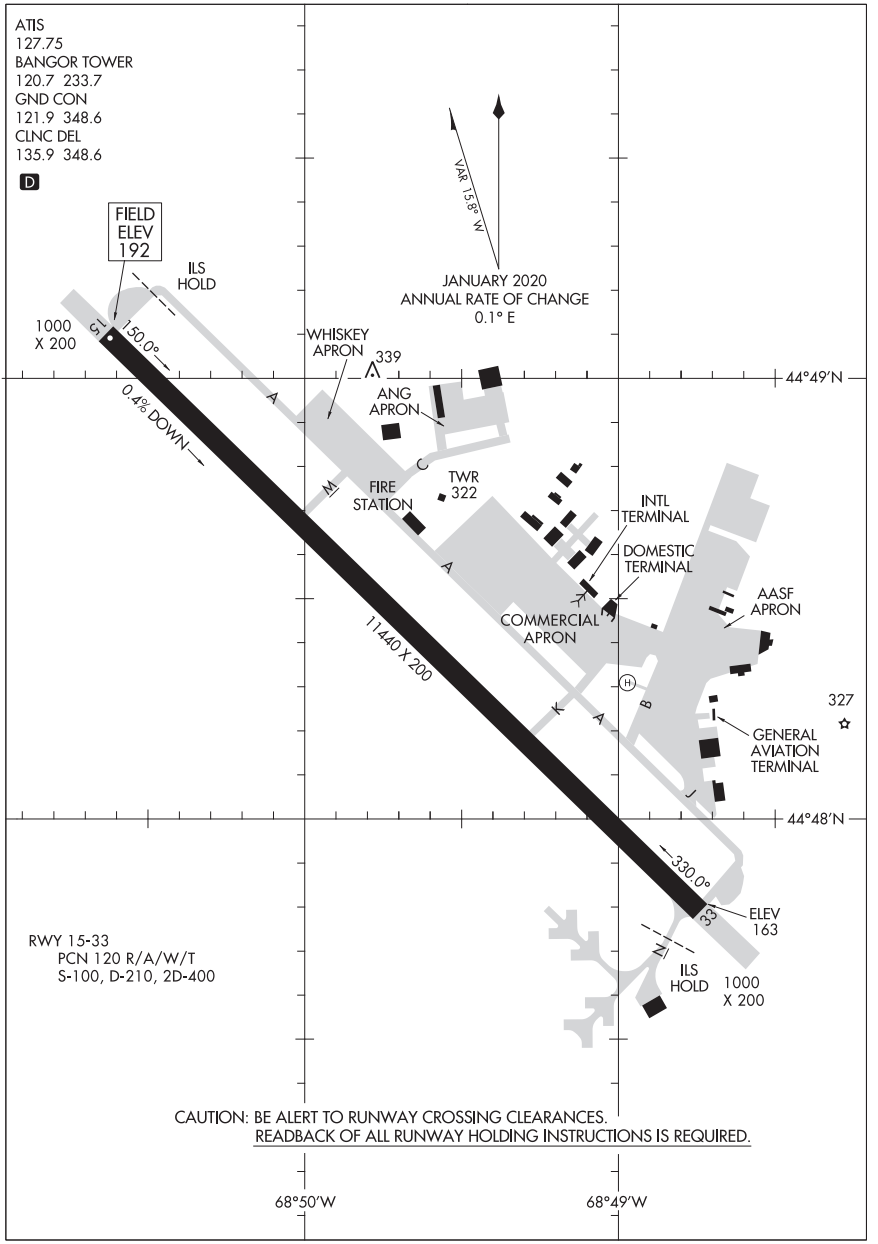
BALTIMORE, MARYLAND
MARTIN STATE (MTN)

23334

AIRPORT DIAGRAM

AL-39 (FAA)

BANGOR INTL (BGR)
BANGOR, MAINE



AIRPORT DIAGRAM

23334

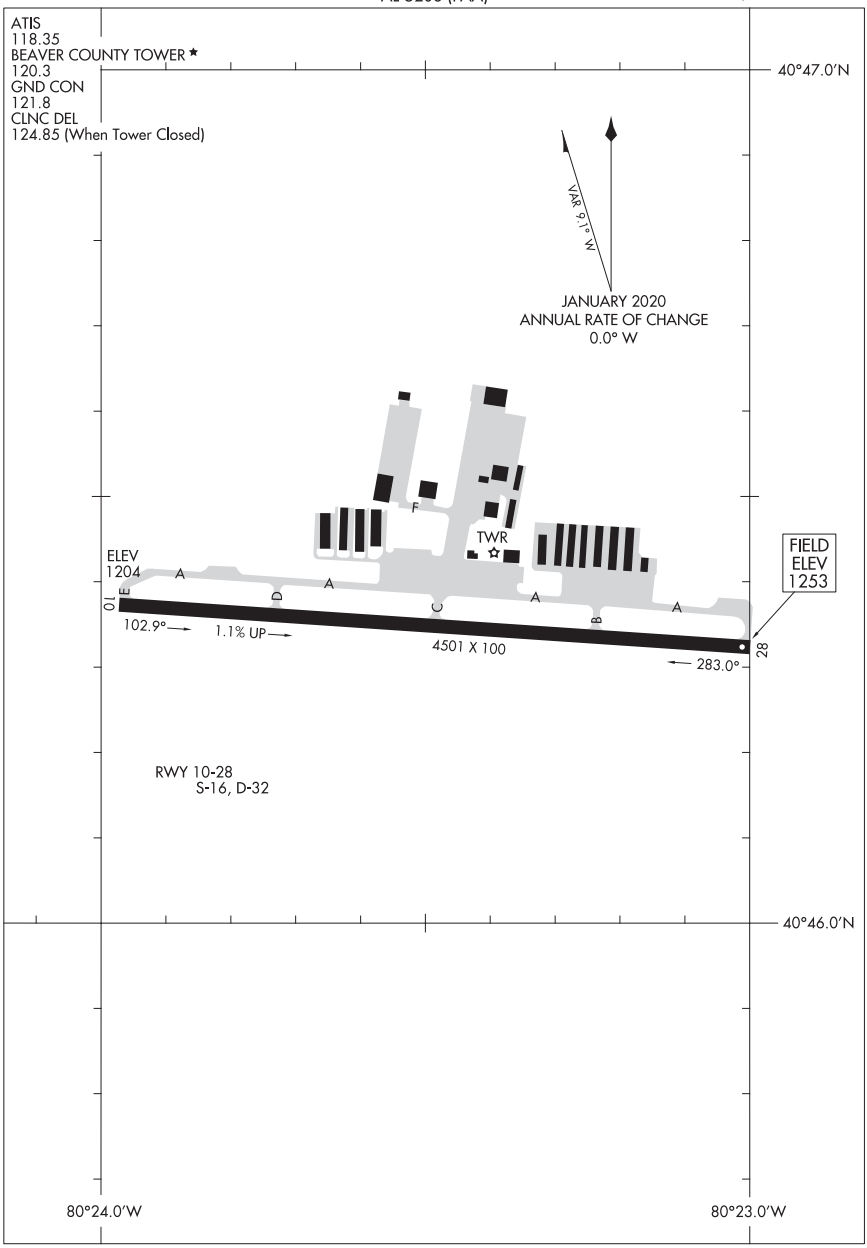
BANGOR, MAINE
BANGOR INTL (BGR)

20086

AIRPORT DIAGRAM

AL-5206 (FAA)

BEAVER COUNTY (BVI)
BEAVER FALLS, PENNSYLVANIA



AIRPORT DIAGRAM

20086

BEAVER FALLS, PENNSYLVANIA
BEAVER COUNTY (BVI)

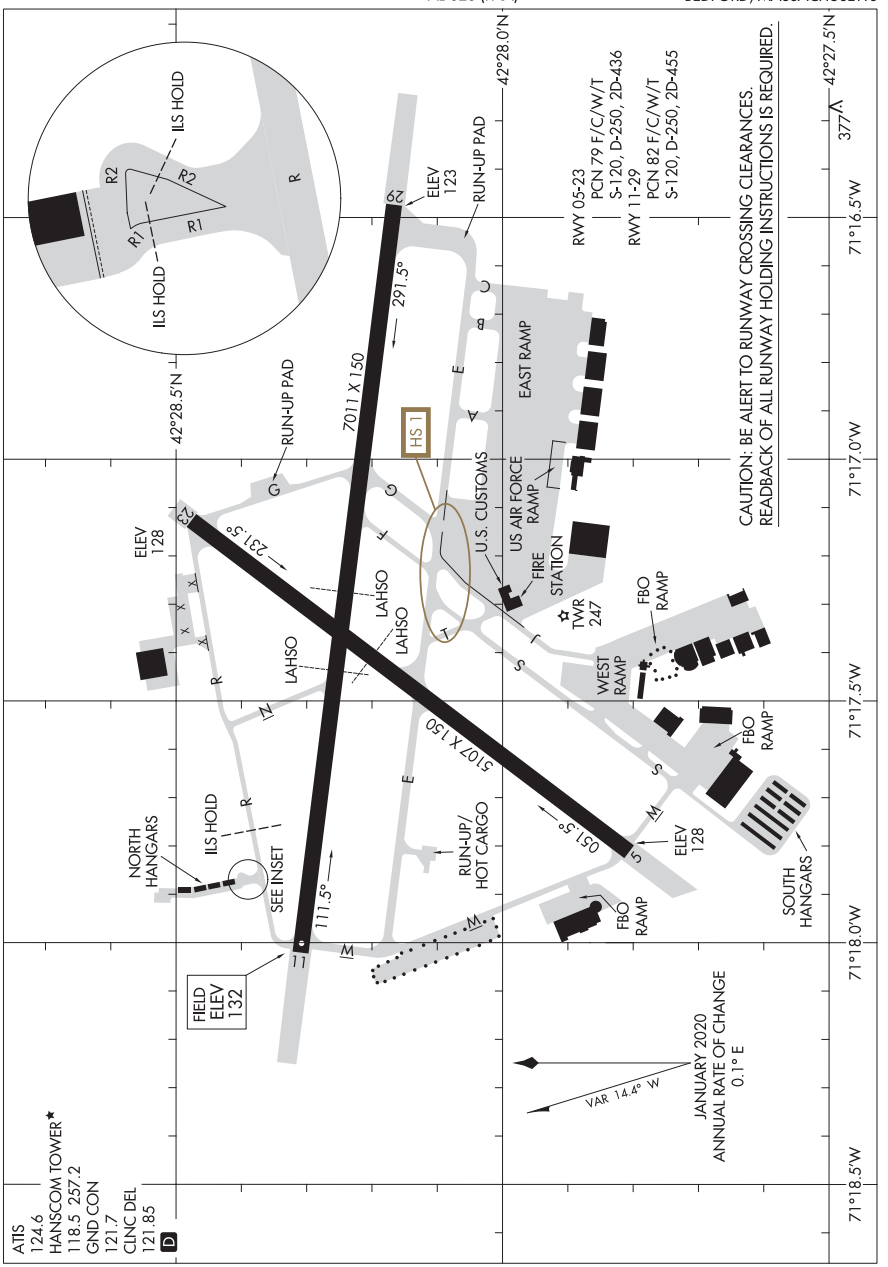
23222

AIRPORT DIAGRAM

LAURENCE G HANSCOM FLD (BED)

BEDFORD, MASSACHUSETTS

AL-626 (FAA)



AIRPORT DIAGRAM

23222

BEDFORD, MASSACHUSETTS

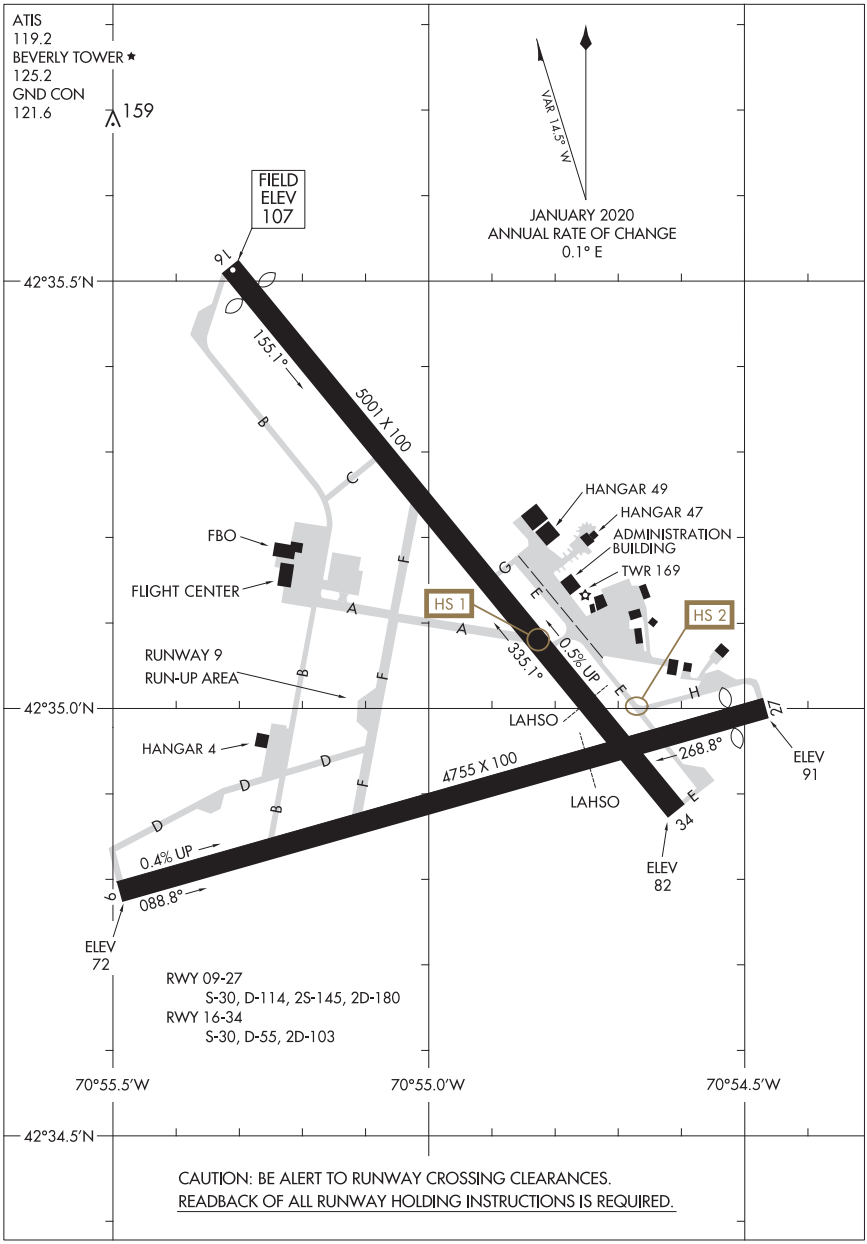
LAURENCE G HANSCOM FLD (BED)

21336

AIRPORT DIAGRAM

AL-5039 (FAA)

BEVERLY RGNL (BVY)
BEVERLY, MASSACHUSETTS



AIRPORT DIAGRAM

21336

BEVERLY, MASSACHUSETTS
BEVERLY RGNL (BVY)

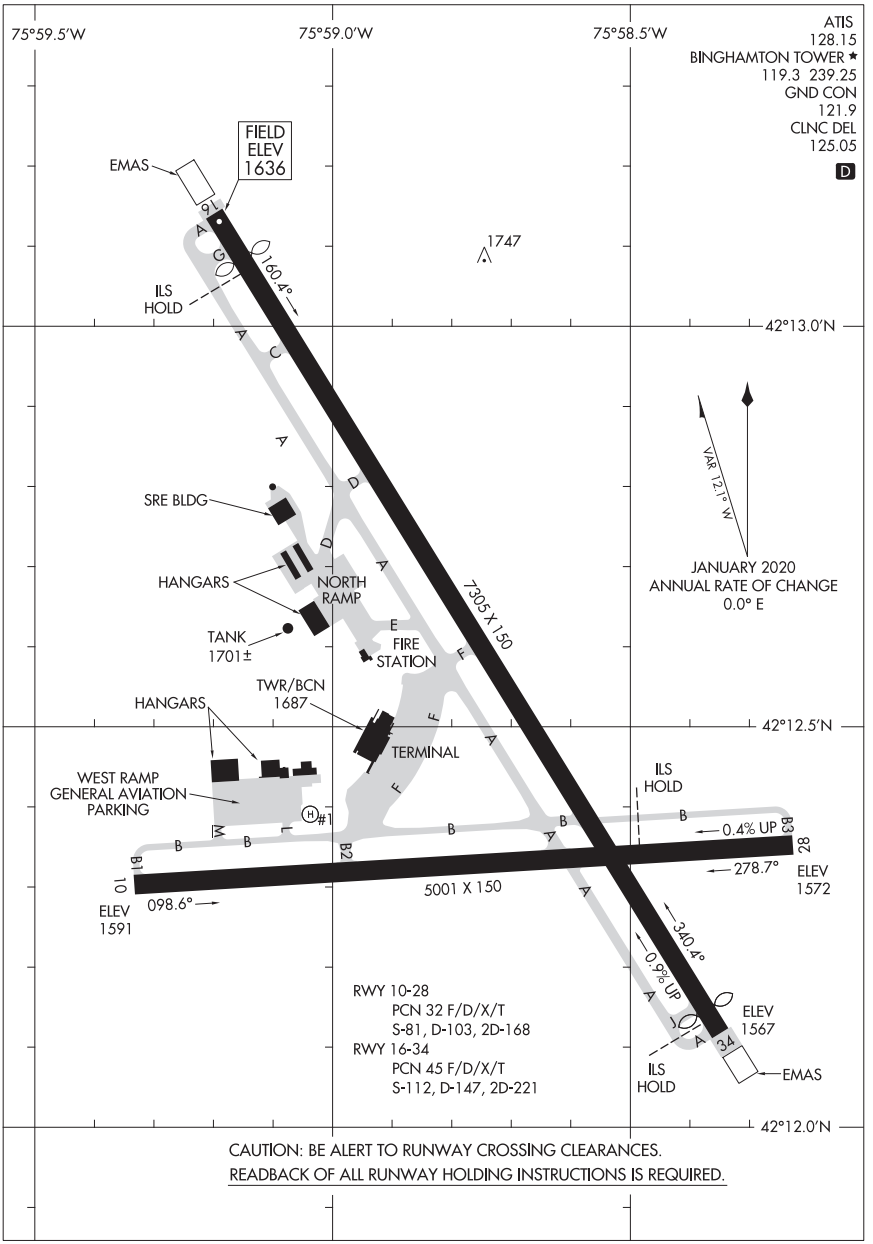
21112

AIRPORT DIAGRAM

GREATER BINGHAMTON/EDWIN A LINK FLD (BGM)

AL-20 (FAA)

BINGHAMTON, NEW YORK



AIRPORT DIAGRAM

21112

BINGHAMTON, NEW YORK

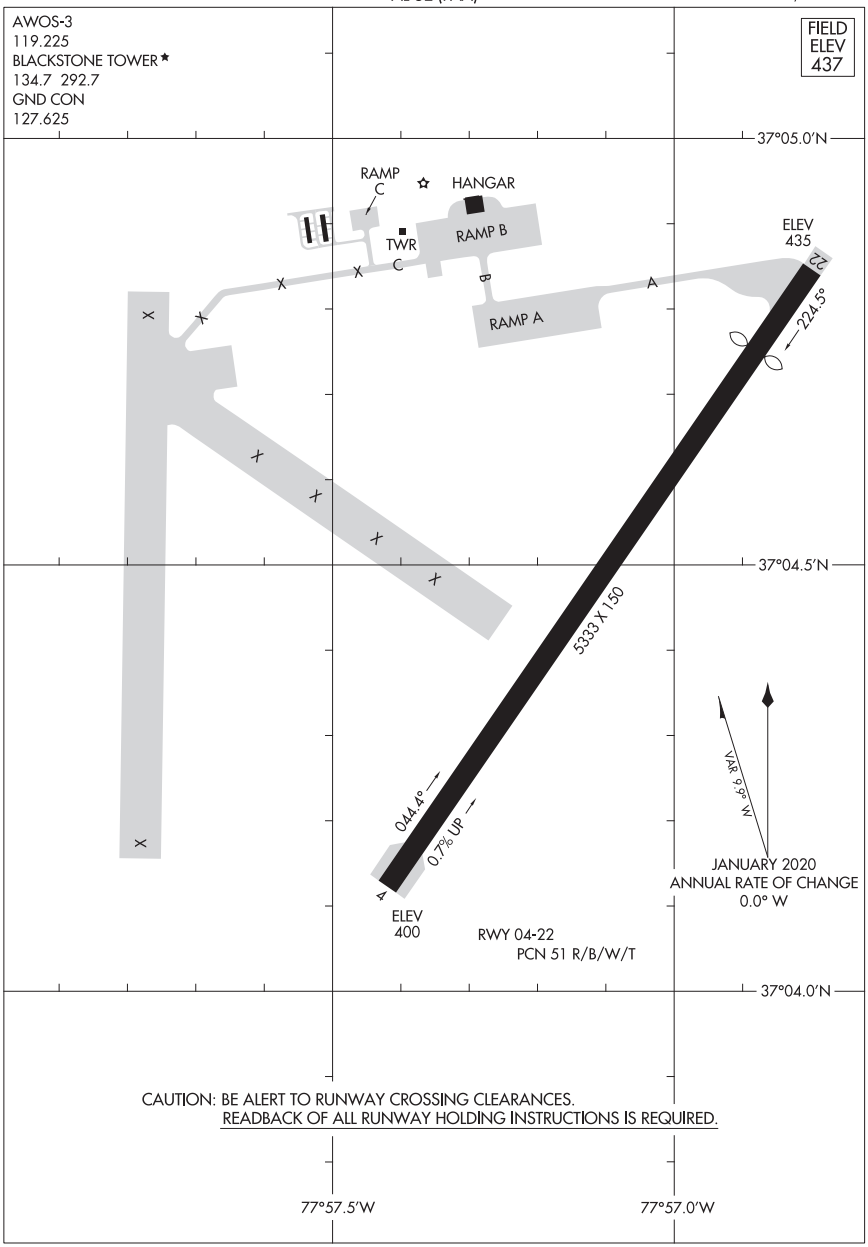
GREATER BINGHAMTON/EDWIN A LINK FLD (BGM)

23278

AIRPORT DIAGRAM

ALLEN C PERKINSON BLACKSTONE AAF (BKT)

AL-52 (FAA) BLACKSTONE, VIRGINIA



AIRPORT DIAGRAM
23278
BLACKSTONE, VIRGINIA
ALLEN C PERKINSON BLACKSTONE AAF (BKT)

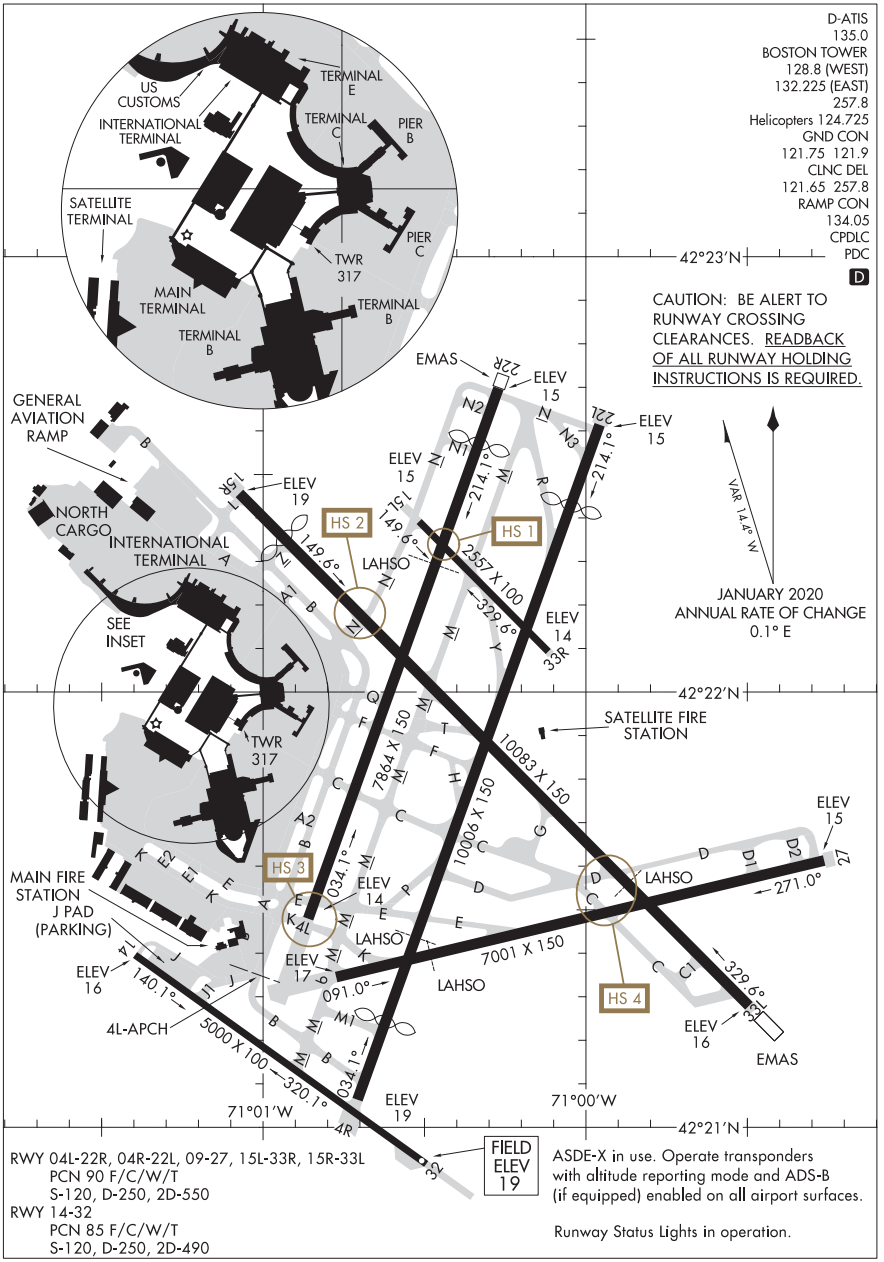
23334

AIRPORT DIAGRAM

GENERAL EDWARD LAWRENCE LOGAN INTL (BOS)

AL-58 (FAA)

BOSTON, MASSACHUSETTS



RWY 04L-22R, 04R-22L, 09-27, 15L-33R, 15R-33L
PCN 90 F/C/W/T
S-120, D-250, 2D-550
RWY 14-32
PCN 85 F/C/W/T
S-120, D-250, 2D-490

FIELD ELEV 19

ASDE-X in use. Operate transponders with altitude reporting mode and ADS-B (if equipped) enabled on all airport surfaces.

Runway Status Lights in operation.

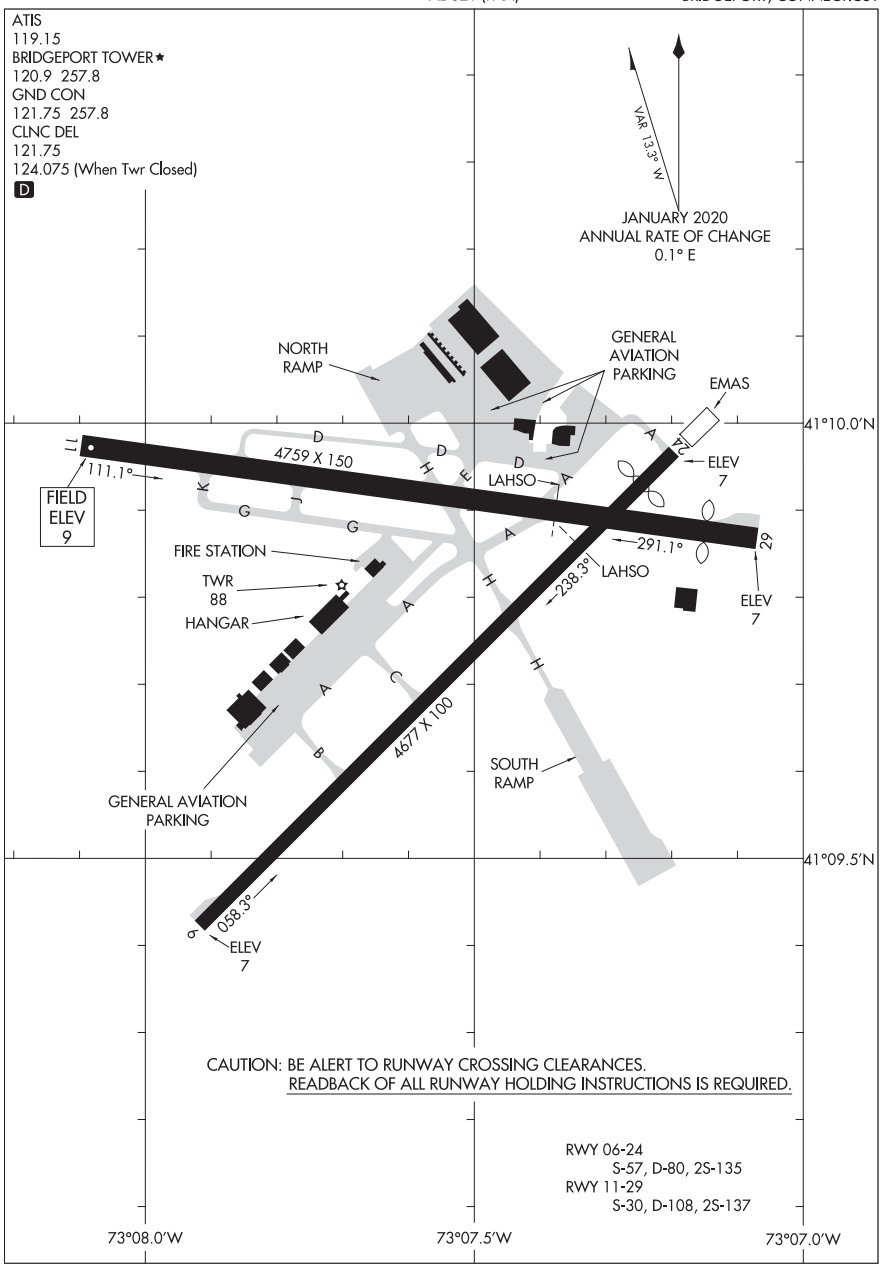
AIRPORT DIAGRAM
23334
BOSTON, MASSACHUSETTS
GENERAL EDWARD LAWRENCE LOGAN INTL (BOS)

22139

AIRPORT DIAGRAM

AL-621 (FAA)

BRIDGEPORT/SIKORSKY (BDR)
BRIDGEPORT, CONNECTICUT



AIRPORT DIAGRAM

22139

BRIDGEPORT, CONNECTICUT
BRIDGEPORT/SIKORSKY (BDR)

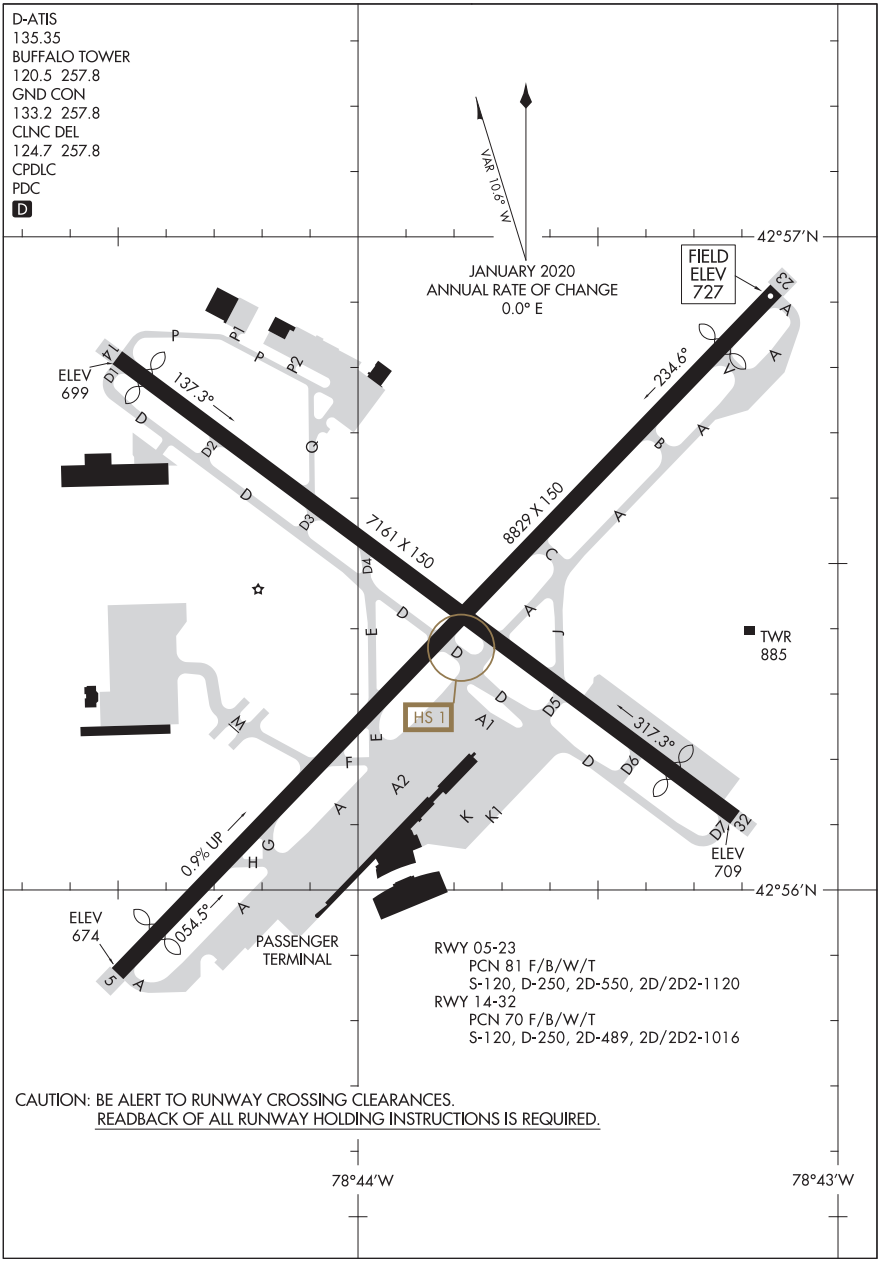
20366

AIRPORT DIAGRAM

AL-65 (FAA)

BUFFALO NIAGARA INTL (BUF)

BUFFALO, NEW YORK

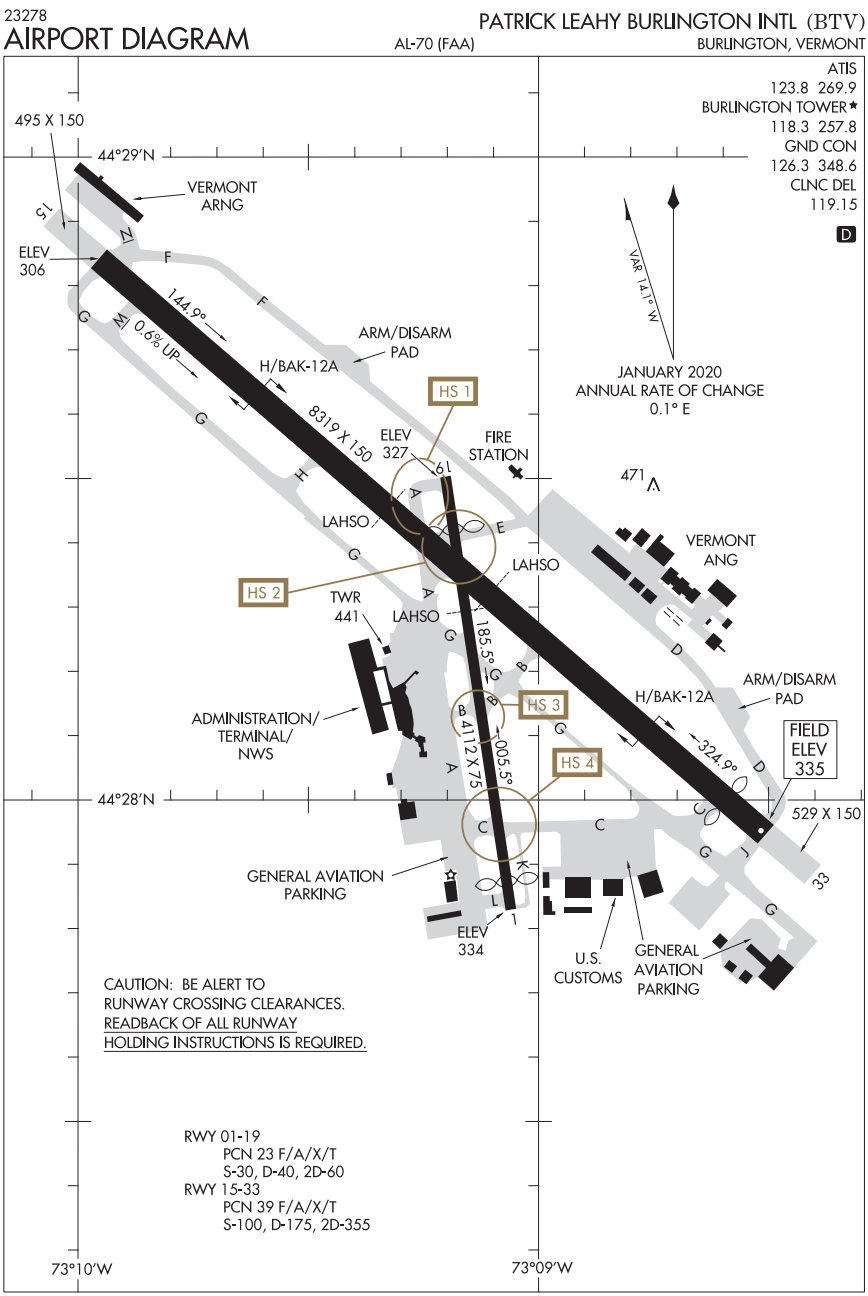


AIRPORT DIAGRAM

20366

BUFFALO, NEW YORK

BUFFALO NIAGARA INTL (BUF)

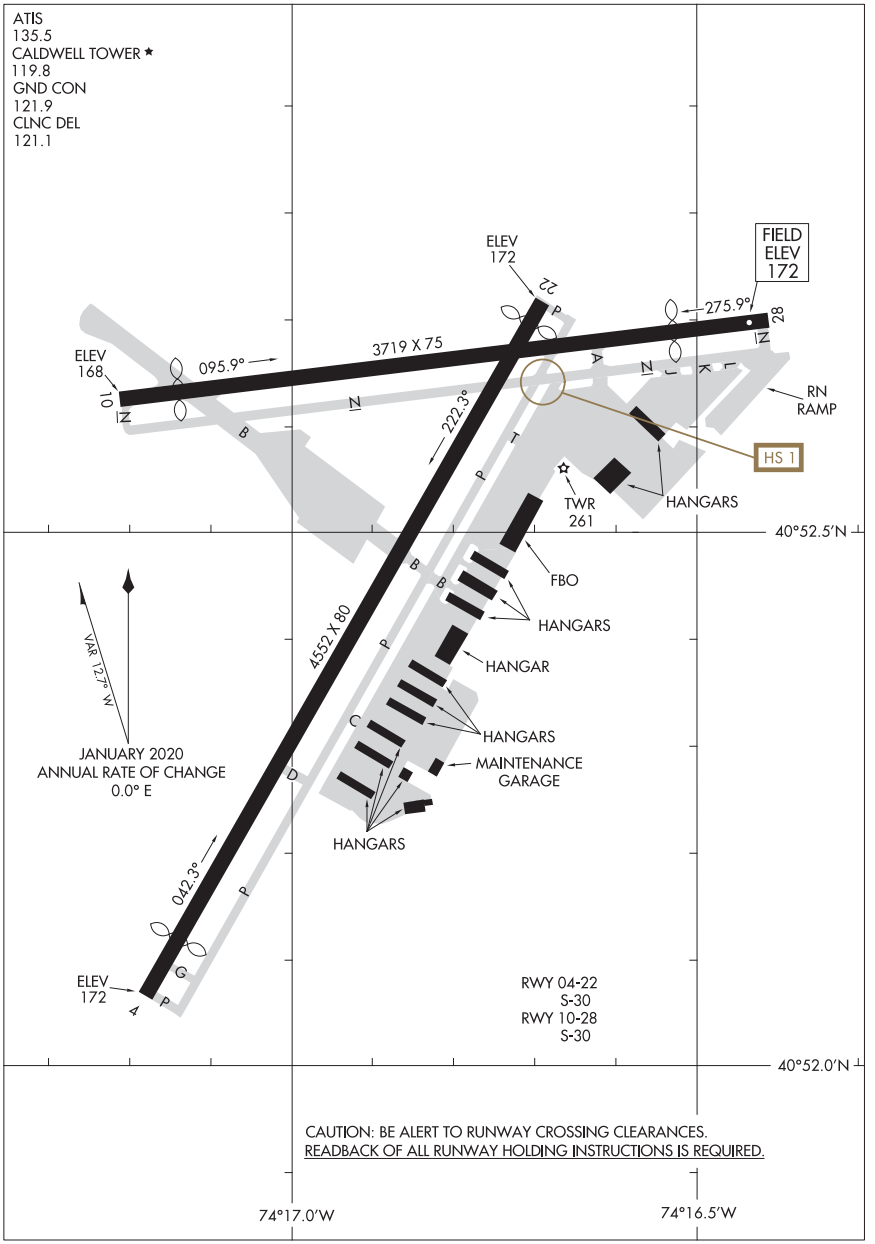

23278
AIRPORT DIAGRAM
PATRICK LEAHY BURLINGTON INTL (BTV)
AL-70 (FAA)
BURLINGTON, VERMONT
ATIS
123.8 269.9
BURLINGTON TOWER
118.3 257.8
GND CON
126.3 348.6
CLNC DEL
119.15
495 X 150
44°29'N
VERMONT ARNG
ELEV 306
144.9°
0.6% UP
ARM/DISARM PAD
H/BAK-12A
8319 X 150
HS 1
ELEV 327
FIRE STATION
LAHSO
HS 2
TWR 441
LAHSO
LAHSO
185.5°
005.5°
HS 3
HS 4
4112 X 75
ADMINISTRATION/ TERMINAL/ NWS
VAR 14.1° W
JANUARY 2020
ANNUAL RATE OF CHANGE
0.1° E
471
VERMONT ANG
ARM/DISARM PAD
H/BAK-12A
324.9°
FIELD ELEV 335
529 X 150
33
GENERAL AVIATION PARKING
ELEV 334
U.S. CUSTOMS
GENERAL AVIATION PARKING
CAUTION: BE ALERT TO
RUNWAY CROSSING CLEARANCES.
READBACK 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
73°10'W
73°09'W
AIRPORT DIAGRAM
23278
BURLINGTON, VERMONT
PATRICK LEAHY BURLINGTON INTL (BTV)

23054

AIRPORT DIAGRAM

AL-5275 (FAA)

ESSEX COUNTY (CDW)
CALDWELL, NEW JERSEY



AIRPORT DIAGRAM

23054

CALDWELL, NEW JERSEY
ESSEX COUNTY (CDW)

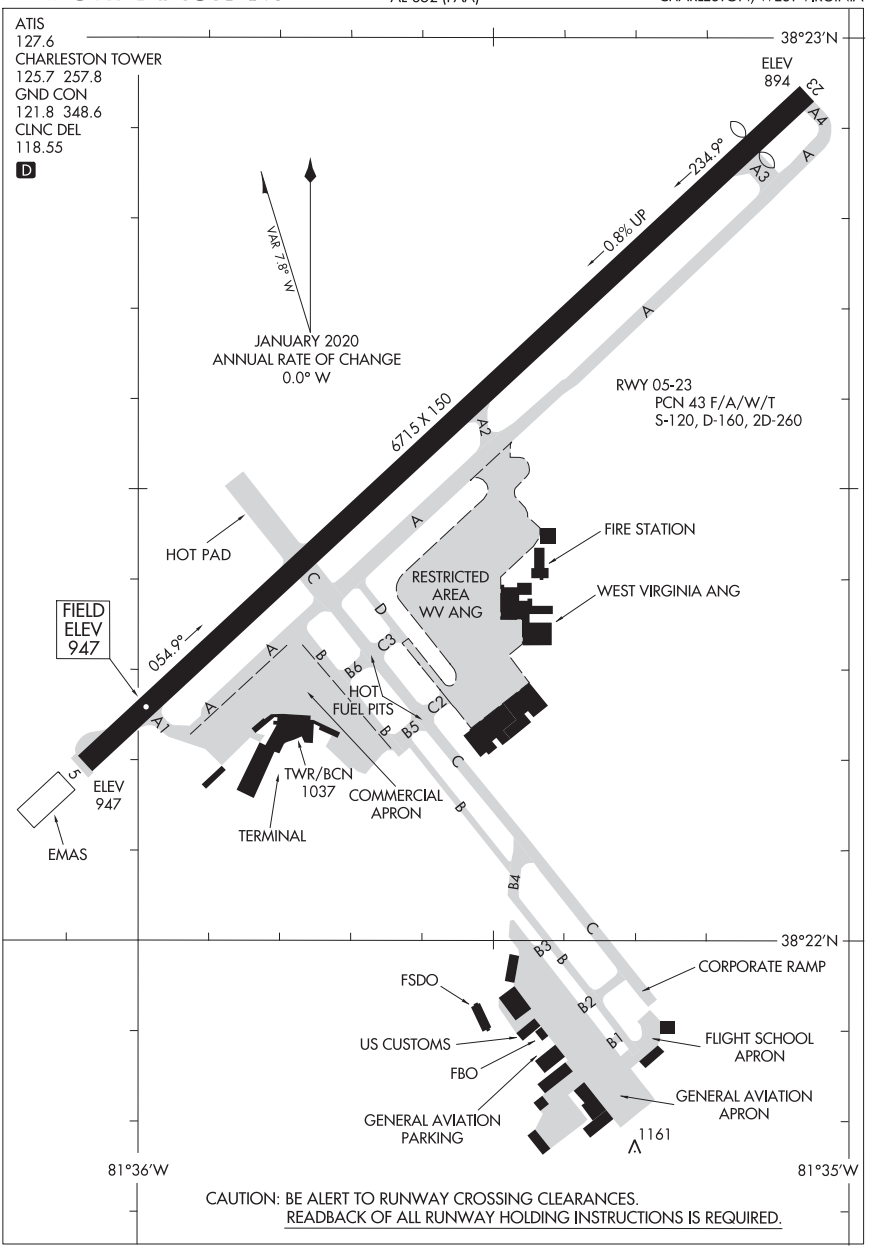
23110

AIRPORT DIAGRAM

AL-852 (FAA)

WEST VIRGINIA INTL YEAGER (CRW)

CHARLESTON, WEST VIRGINIA



CAUTION: BE ALERT TO RUNWAY CROSSING CLEARANCES.
READBACK OF ALL RUNWAY HOLDING INSTRUCTIONS IS REQUIRED.

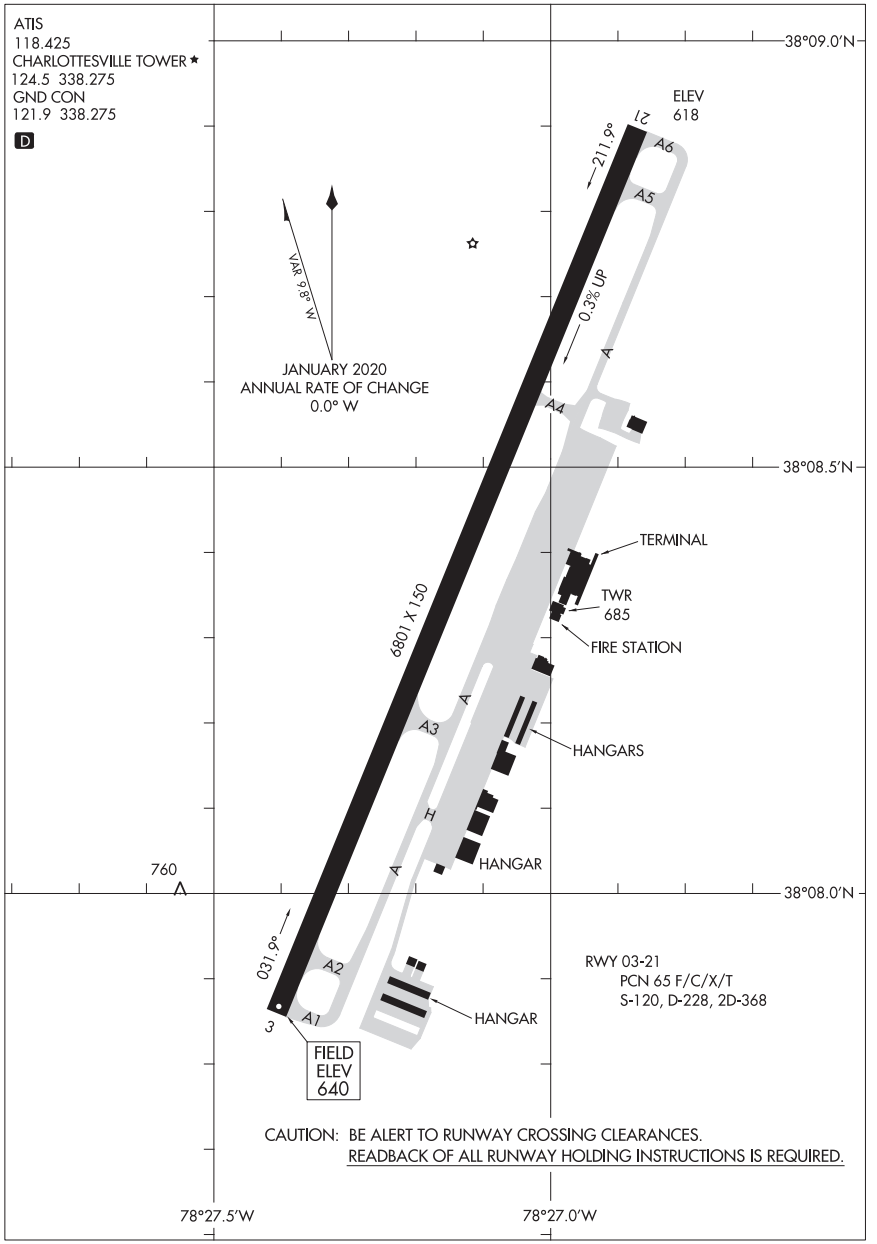
AIRPORT DIAGRAM
23110
CHARLESTON, WEST VIRGINIA
WEST VIRGINIA INTL YEAGER (CRW)

23222

AIRPORT DIAGRAM

CHARLOTTESVILLE-ALBEMARLE (CHO)
CHARLOTTESVILLE, VIRGINIA

AL-765 (FAA)



AIRPORT DIAGRAM

CHARLOTTESVILLE, VIRGINIA
CHARLOTTESVILLE-ALBEMARLE (CHO)

23222

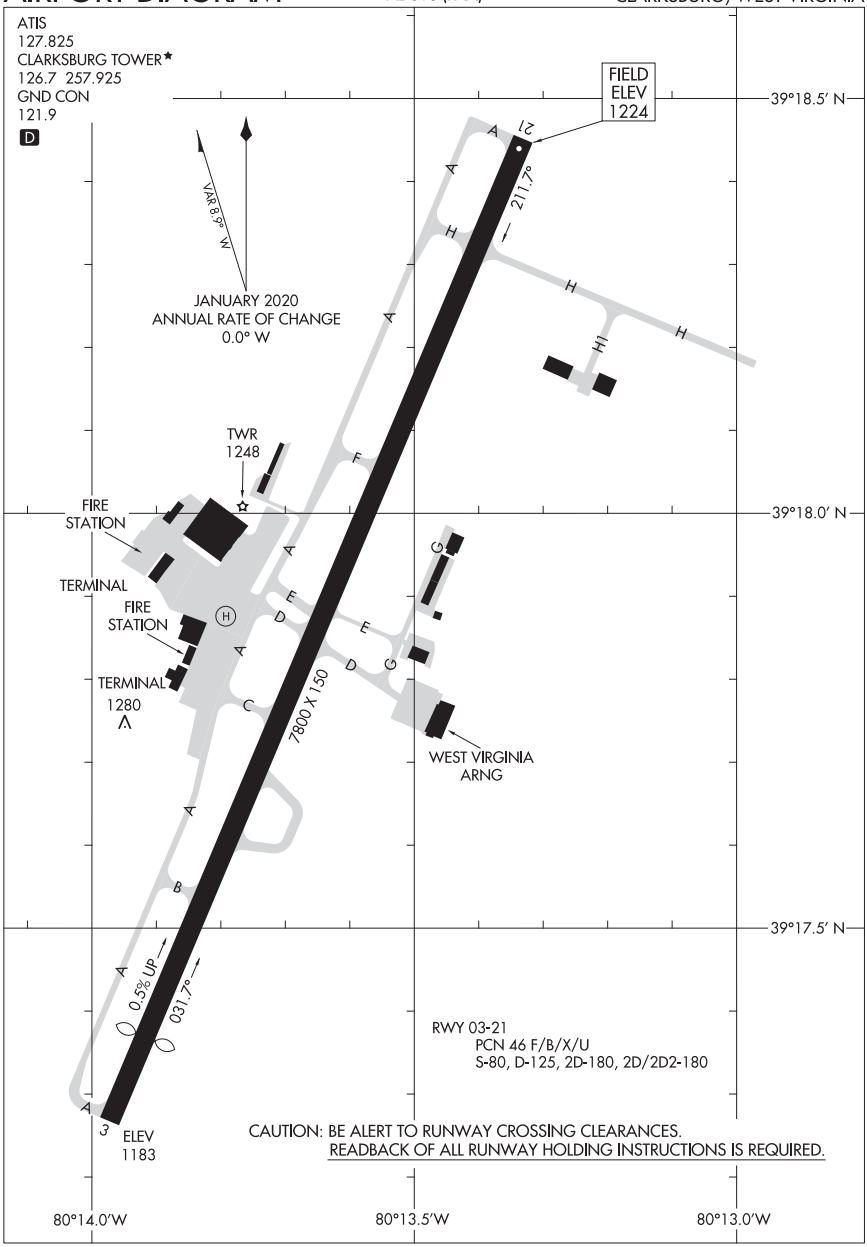
21280

AIRPORT DIAGRAM

NORTH CENTRAL WEST VIRGINIA (CKB)

AL-616 (FAA)

CLARKSBURG, WEST VIRGINIA



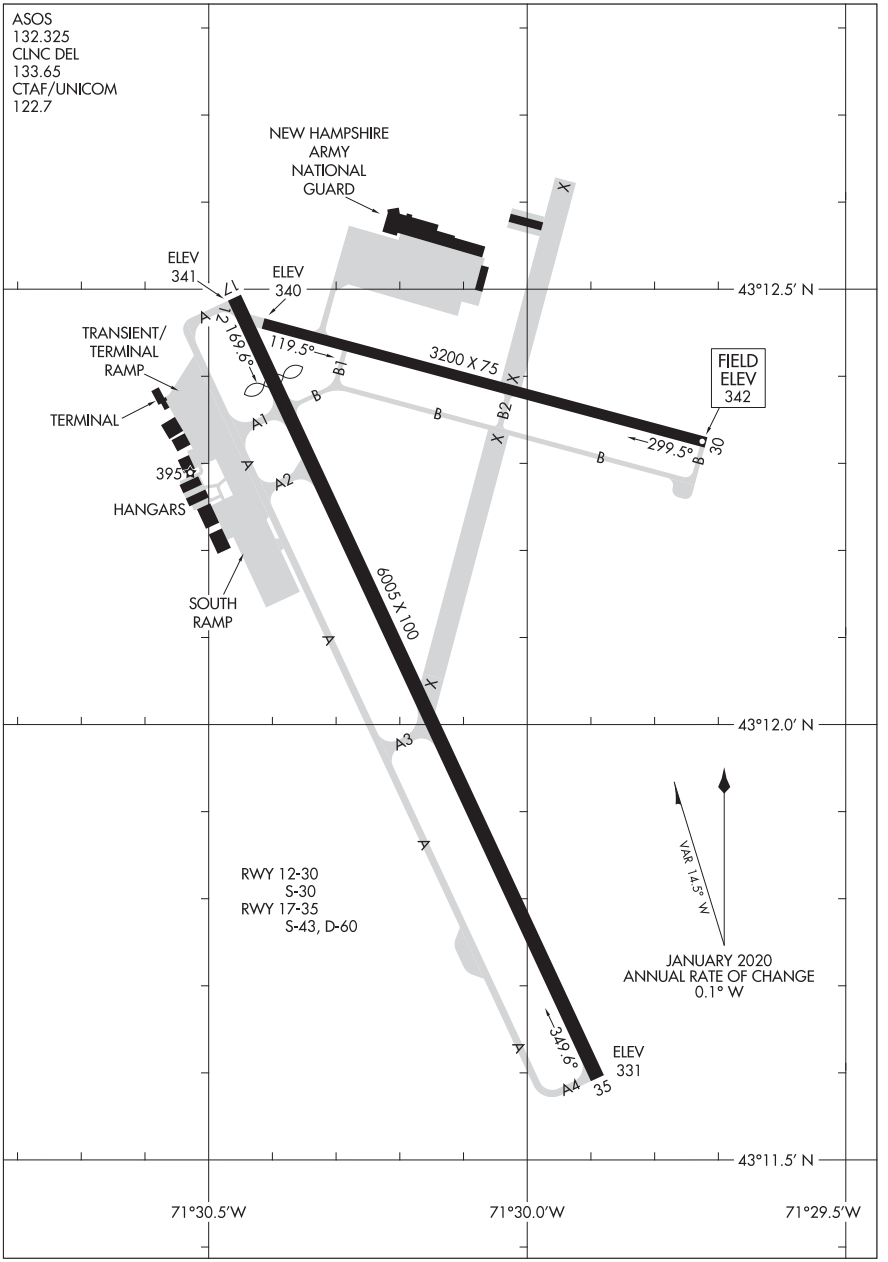
AIRPORT DIAGRAM
21280
CLARKSBURG, WEST VIRGINIA
NORTH CENTRAL WEST VIRGINIA (CKB)

20086

AIRPORT DIAGRAM

AL-95 (FAA)

CONCORD MUNI (CON)
CONCORD, NEW HAMPSHIRE



AIRPORT DIAGRAM

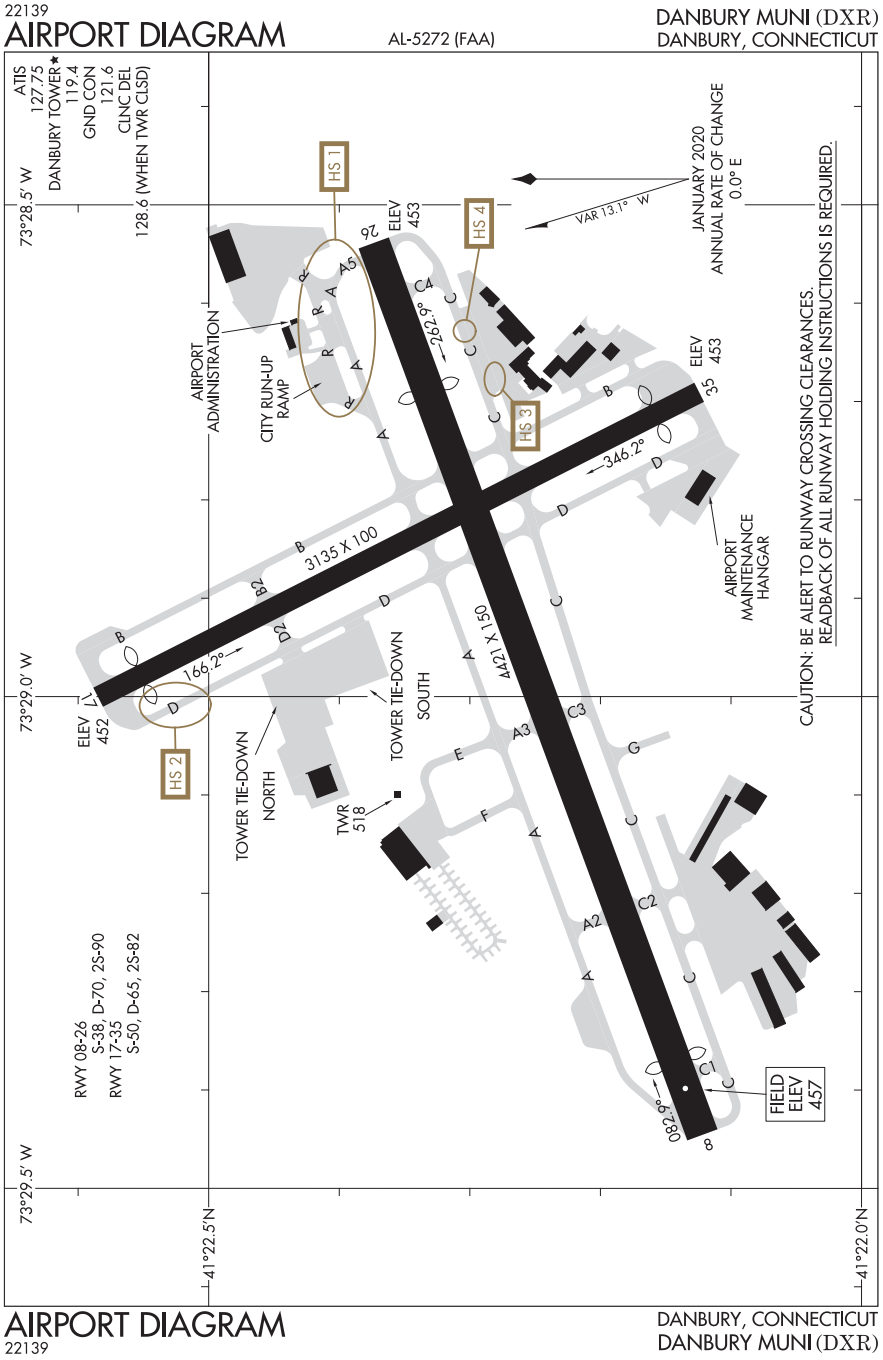
20086

CONCORD, NEW HAMPSHIRE
CONCORD MUNI (CON)

22139
AIRPORT DIAGRAM

AL-5272 (FAA)

DANBURY MUNI (DXR)
DANBURY, CONNECTICUT



AIRPORT DIAGRAM
22139

DANBURY, CONNECTICUT
DANBURY MUNI (DXR)

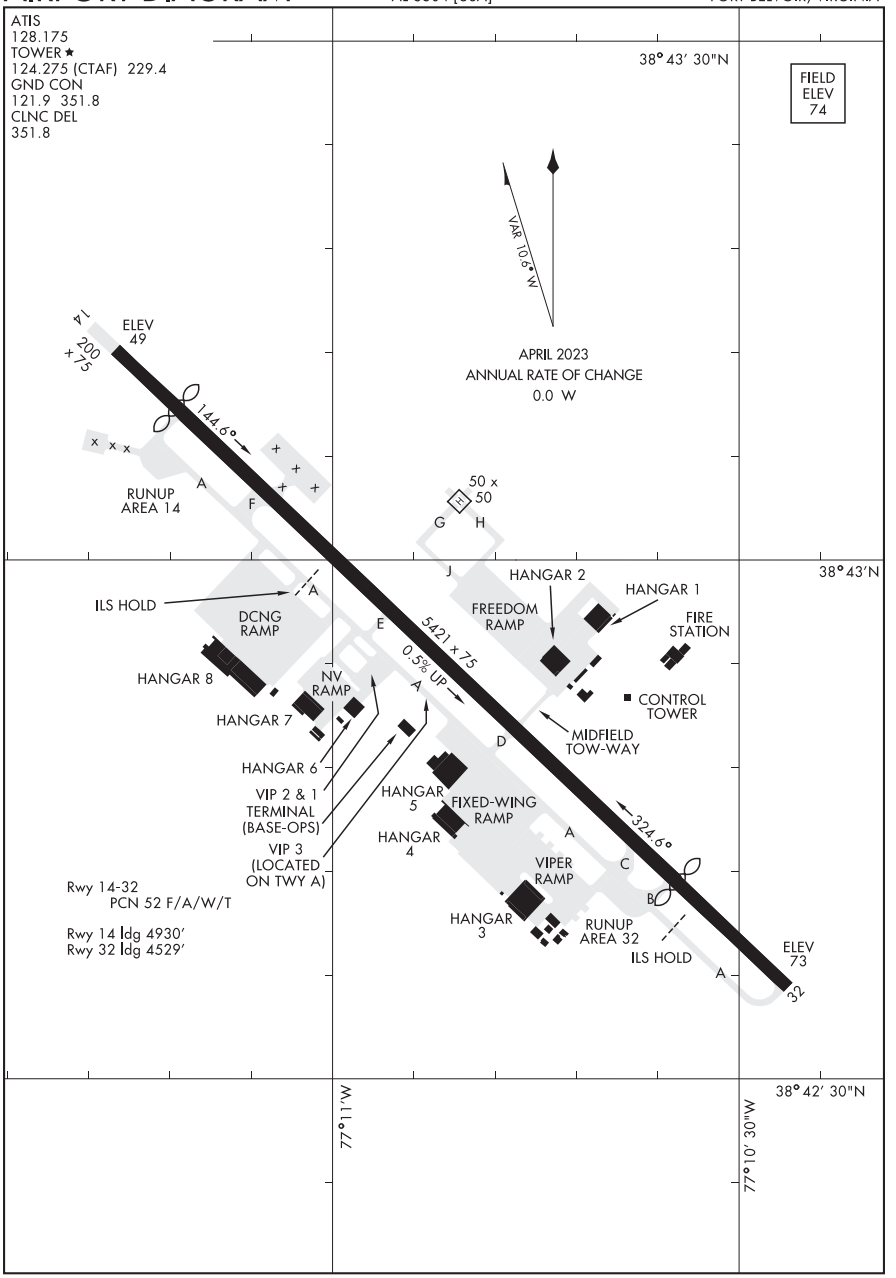
23110

AIRPORT DIAGRAM

DAVISON AAF (KDAA)

AL-5504 [USA]

FORT BELVOIR, VIRGINIA



AIRPORT DIAGRAM

FORT BELVOIR, VIRGINIA

DAVISON AAF (KDAA)

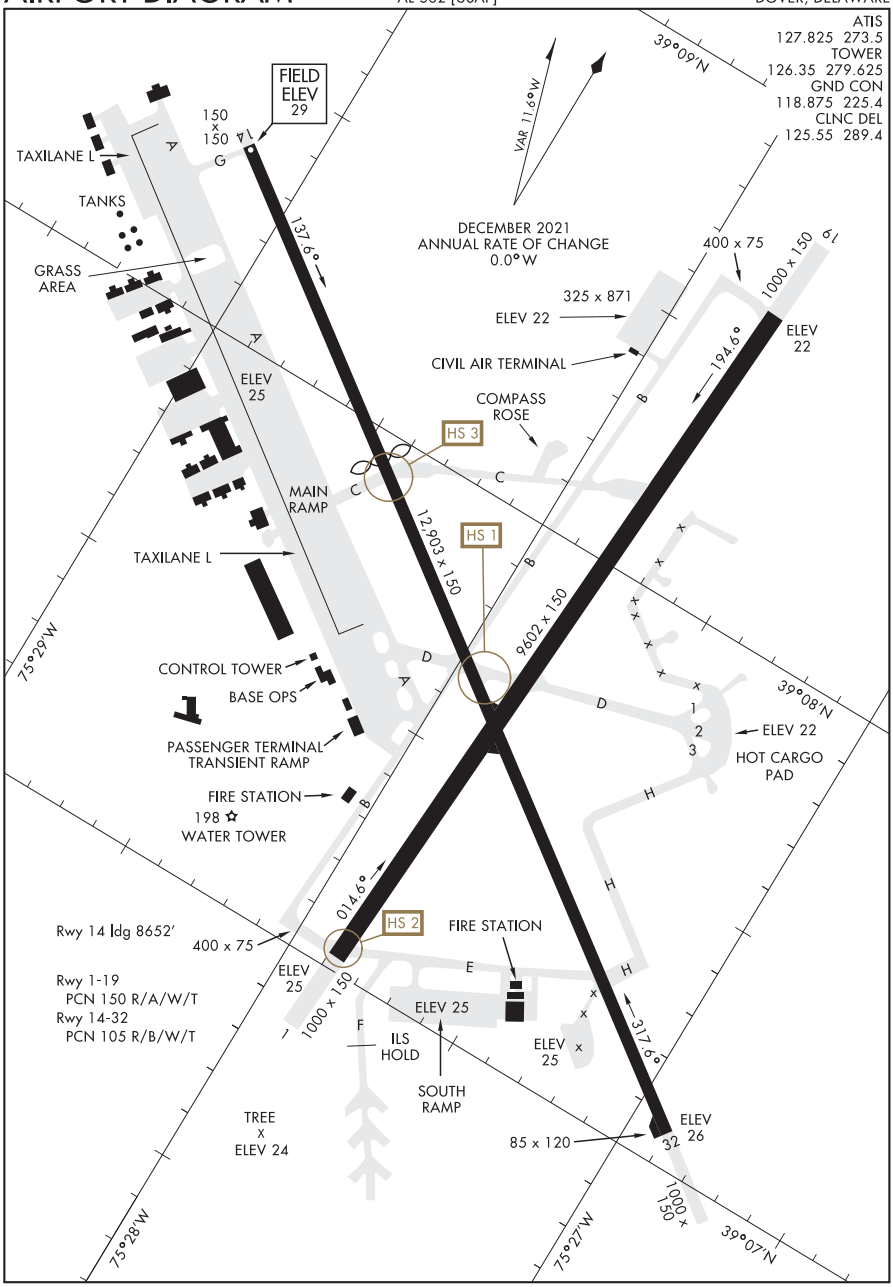
21336

AIRPORT DIAGRAM

DOVER AFB (KDOV)

AL-562 [USAF]

DOVER, DELAWARE

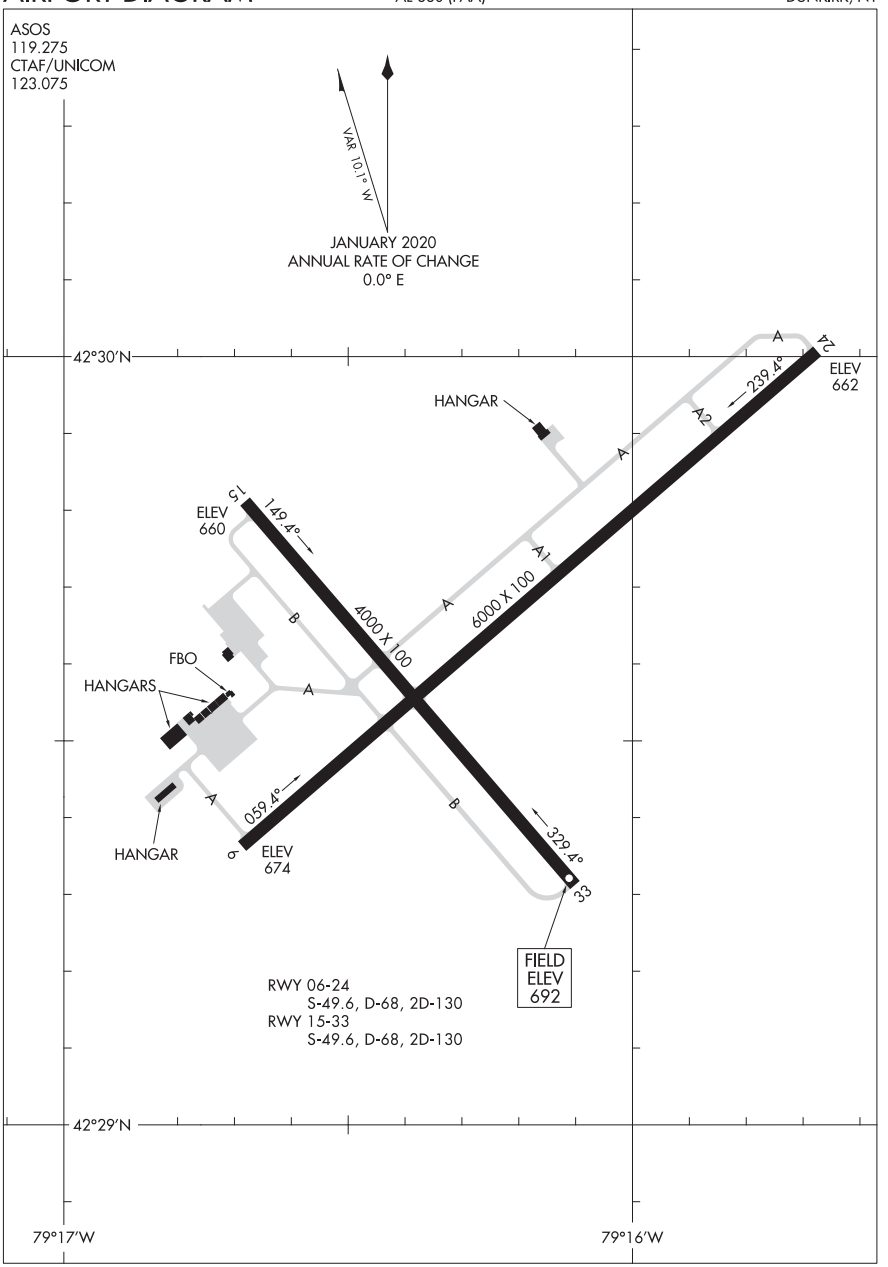


AIRPORT DIAGRAM

DOVER, DELAWARE

DOVER AFB (KDOV)

23110
AIRPORT DIAGRAM
CHAUTAUQUA COUNTY/DUNKIRK (DKK)
AL-880 (FAA)
DUNKIRK, NY



AIRPORT DIAGRAM
23110
DUNKIRK, NY
CHAUTAUQUA COUNTY/DUNKIRK (DKK)

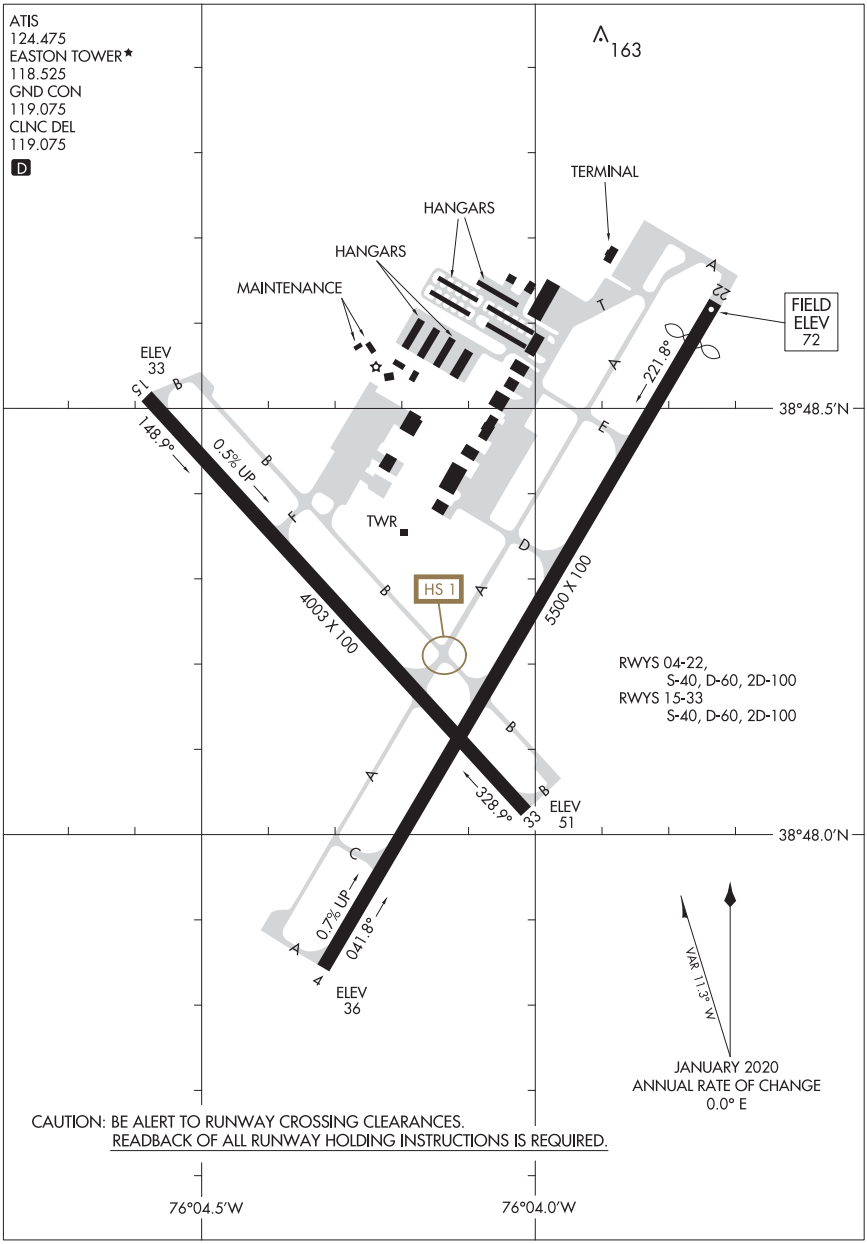
21112

AIRPORT DIAGRAM

AL-5596 (FAA)

EASTON/NEWNAM FLD (ESN)

EASTON, MARYLAND



AIRPORT DIAGRAM

21112

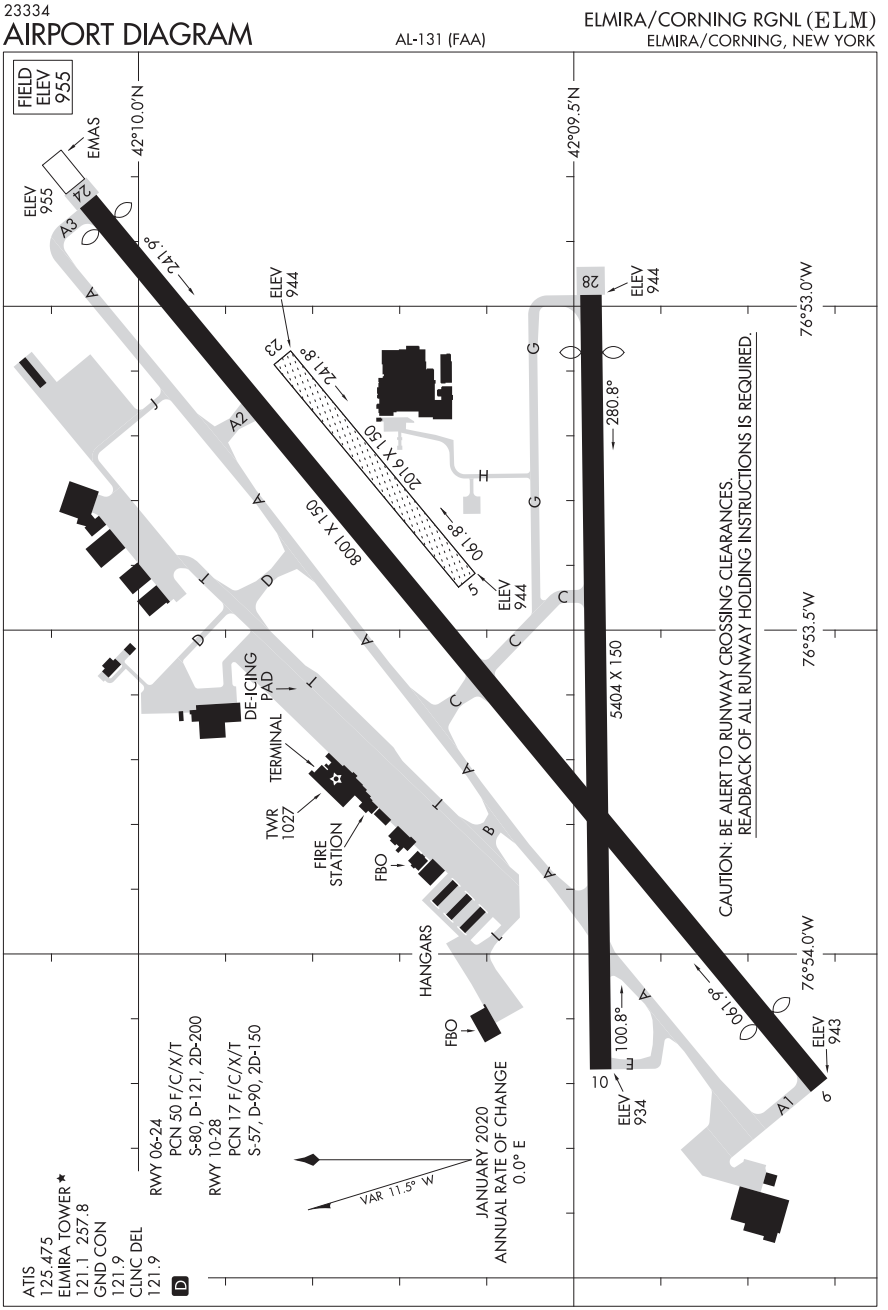
EASTON, MARYLAND
EASTON/NEWNAM FLD (ESN)

23334

AIRPORT DIAGRAM

AL-131 (FAA)

ELMIRA/CORNING RGNL (ELM)
ELMIRA/CORNING, NEW YORK



AIRPORT DIAGRAM
23334

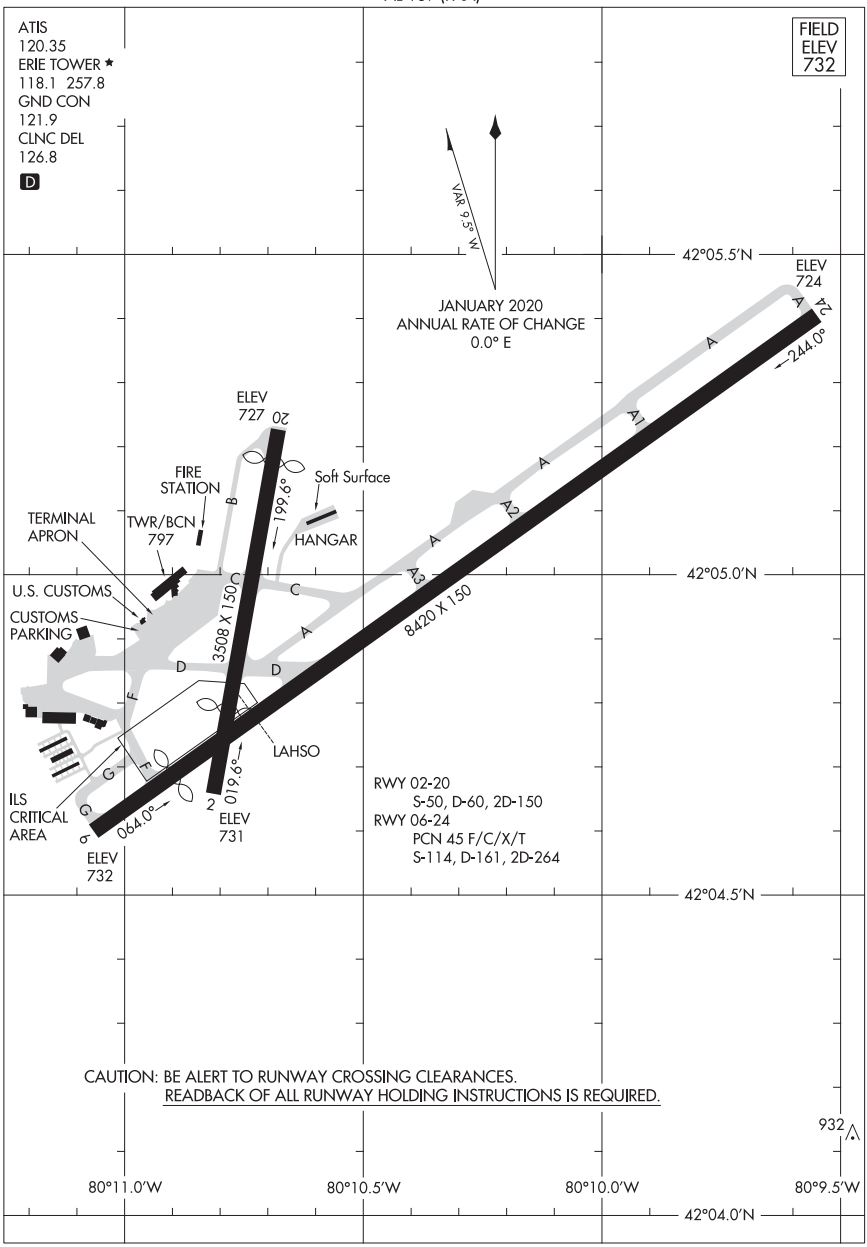
ELMIRA/CORNING, NEW YORK
ELMIRA/CORNING RGNL (ELM)

22083

AIRPORT DIAGRAM

AL-139 (FAA)

ERIE INTL/TOM RIDGE FLD (ERI)
ERIE, PENNSYLVANIA



AIRPORT DIAGRAM

22083

ERIE, PENNSYLVANIA
ERIE INTL/TOM RIDGE FLD (ERI)

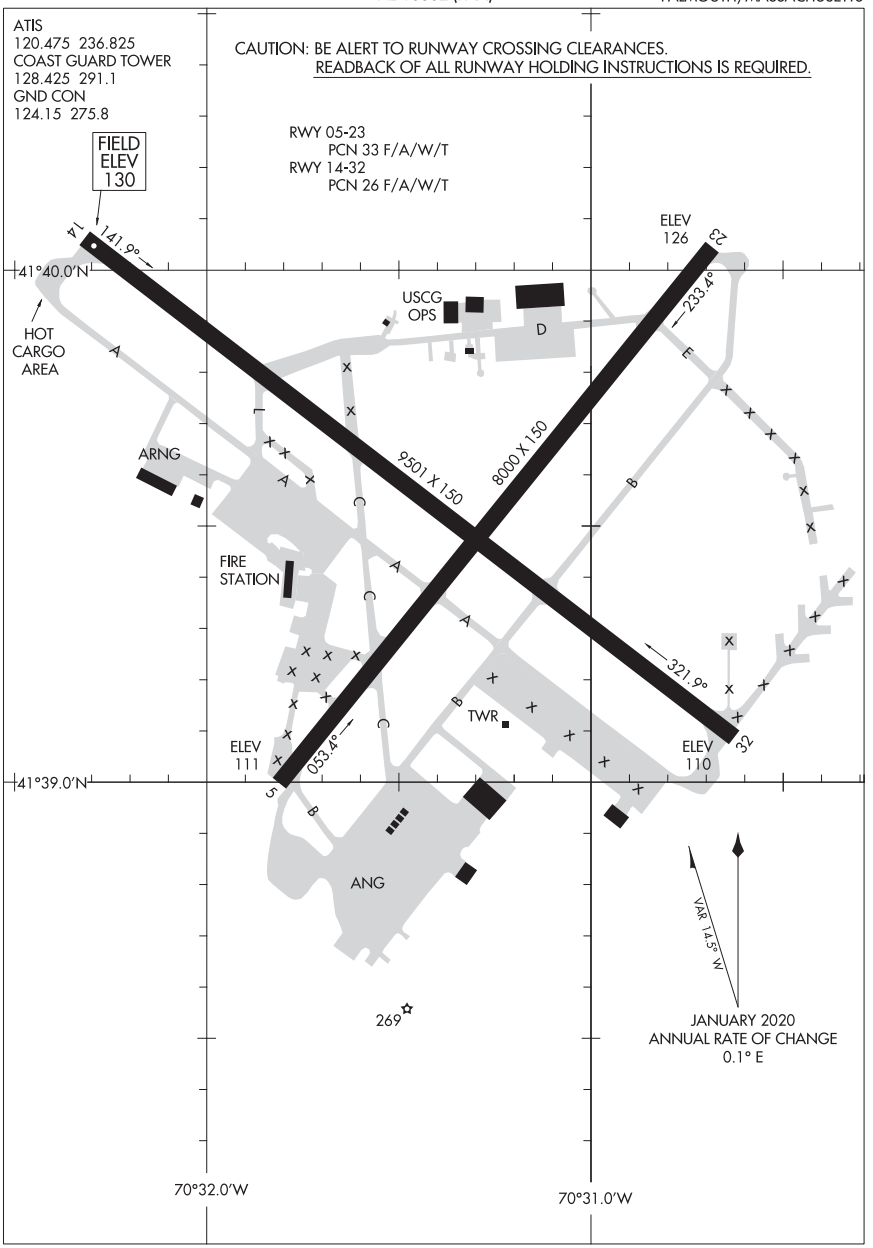
22139

AIRPORT DIAGRAM

CAPE COD COAST GUARD AIR STATION (FMH)

AL-10362 (FAA)

FALMOUTH, MASSACHUSETTS



AIRPORT DIAGRAM

22139

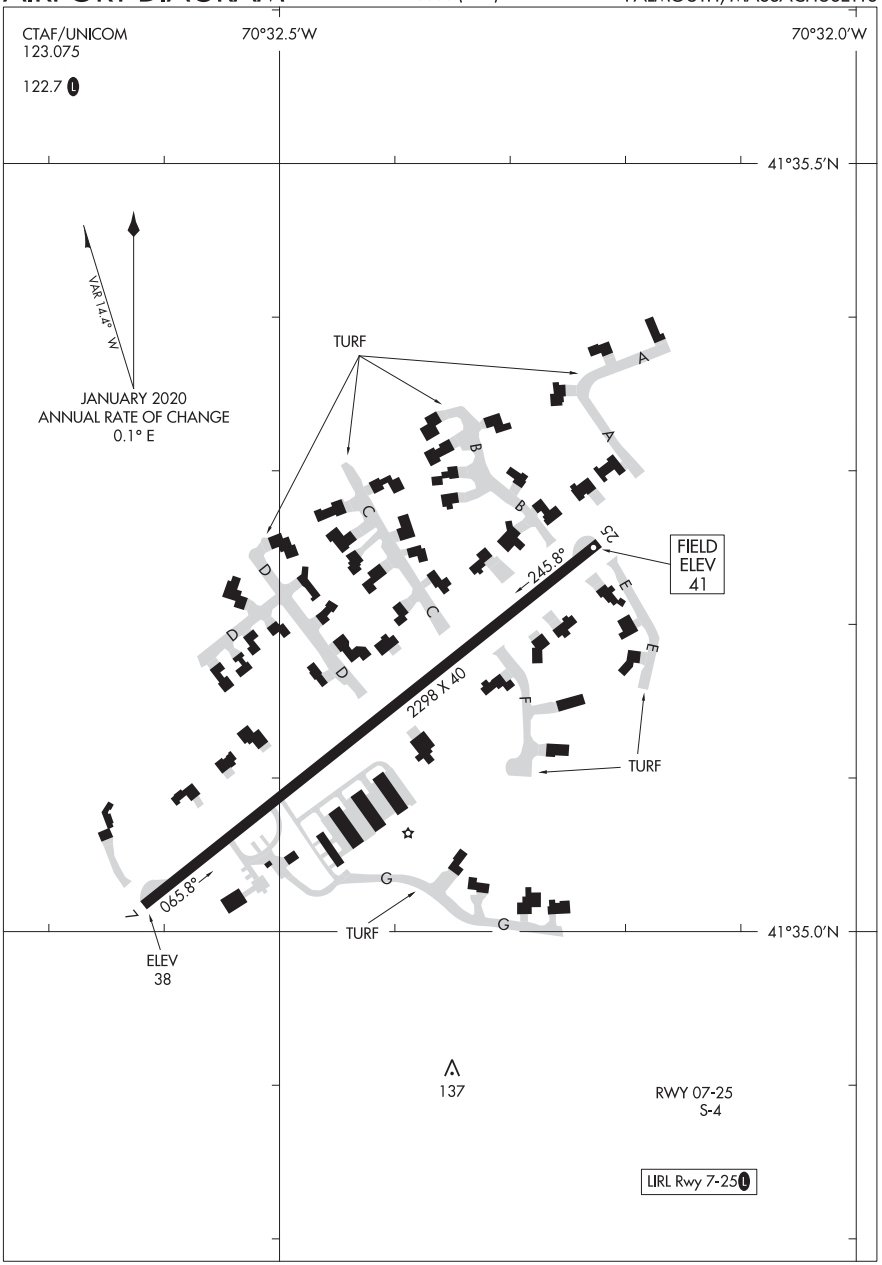
FALMOUTH, MASSACHUSETTS

CAPE COD COAST GUARD AIR STATION (FMH)

23334
AIRPORT DIAGRAM

AL-10083 (FAA)

FALMOUTH AIRPARK (5B6)
FALMOUTH, MASSACHUSETTS



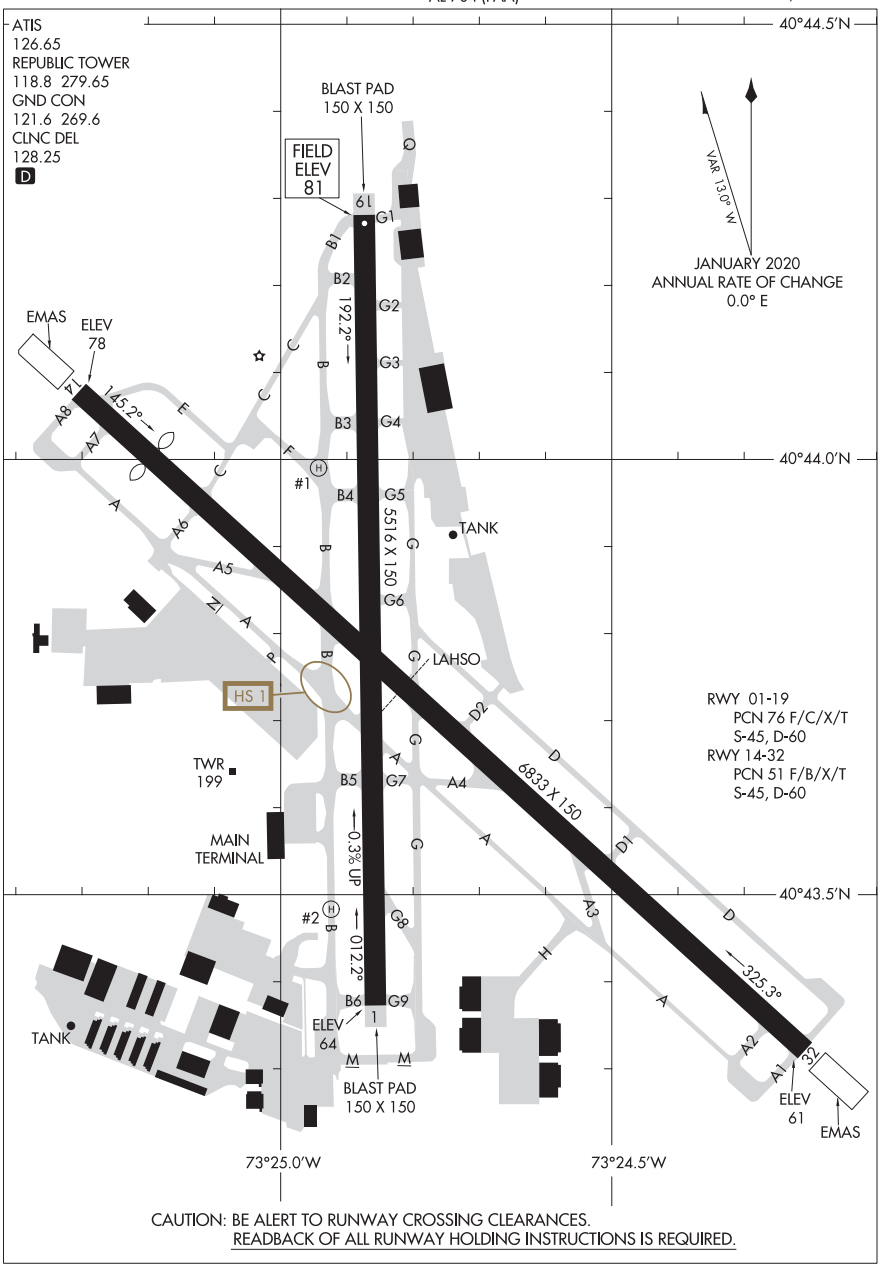
AIRPORT DIAGRAM
23334

FALMOUTH, MASSACHUSETTS
FALMOUTH AIRPARK (5B6)

23222

AIRPORT DIAGRAM

REPUBLIC (FRG)
FARMINGDALE, NEW YORK



CAUTION: BE ALERT TO RUNWAY CROSSING CLEARANCES.
READBACK OF ALL RUNWAY HOLDING INSTRUCTIONS IS REQUIRED.

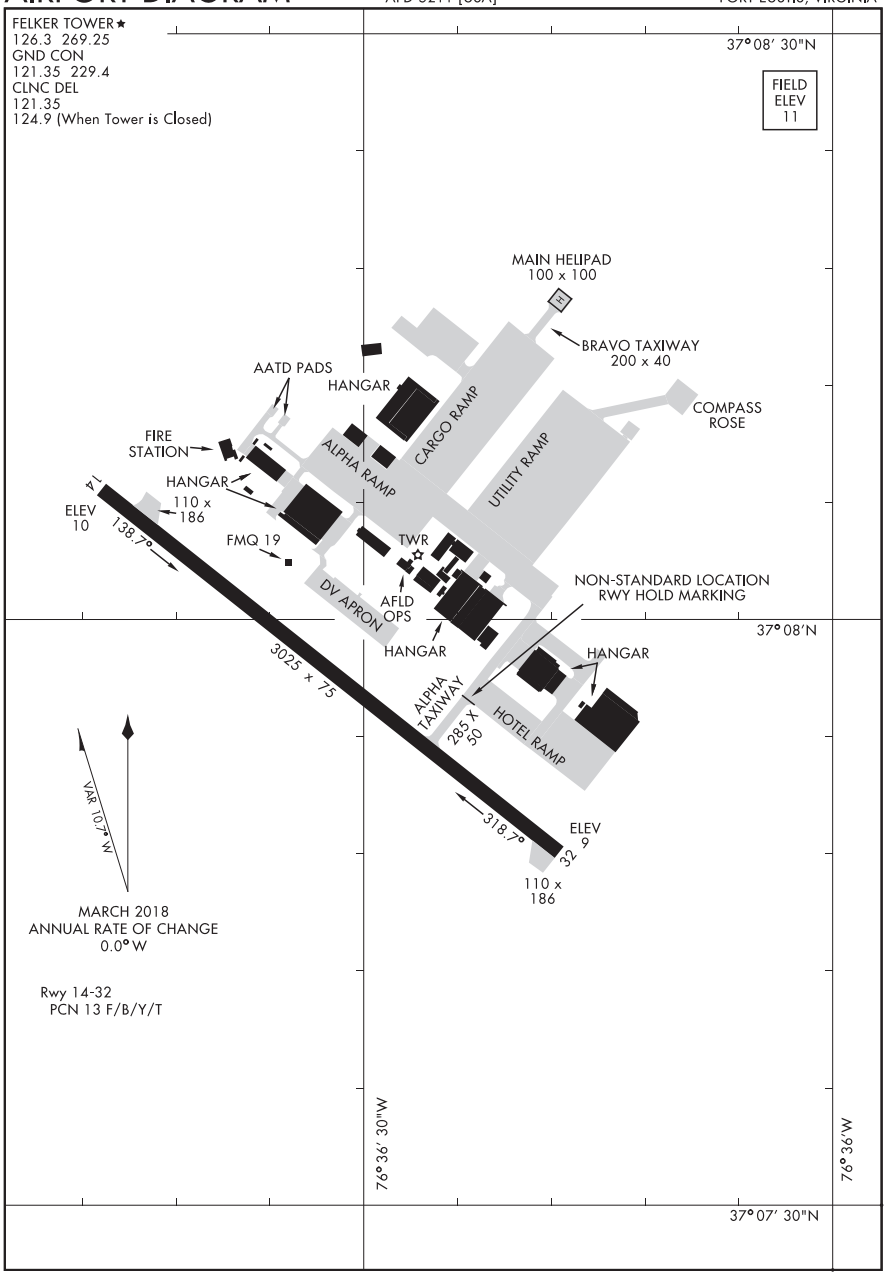
AIRPORT DIAGRAM
23222
FARMINGDALE, NEW YORK
REPUBLIC (FRG)

18088

AIRPORT DIAGRAM

AFD-5211 [USA]

FELKER AAF (KFAF)
FORT EUSTIS, VIRGINIA



AIRPORT DIAGRAM

FORT EUSTIS, VIRGINIA
FELKER AAF (KFAF)

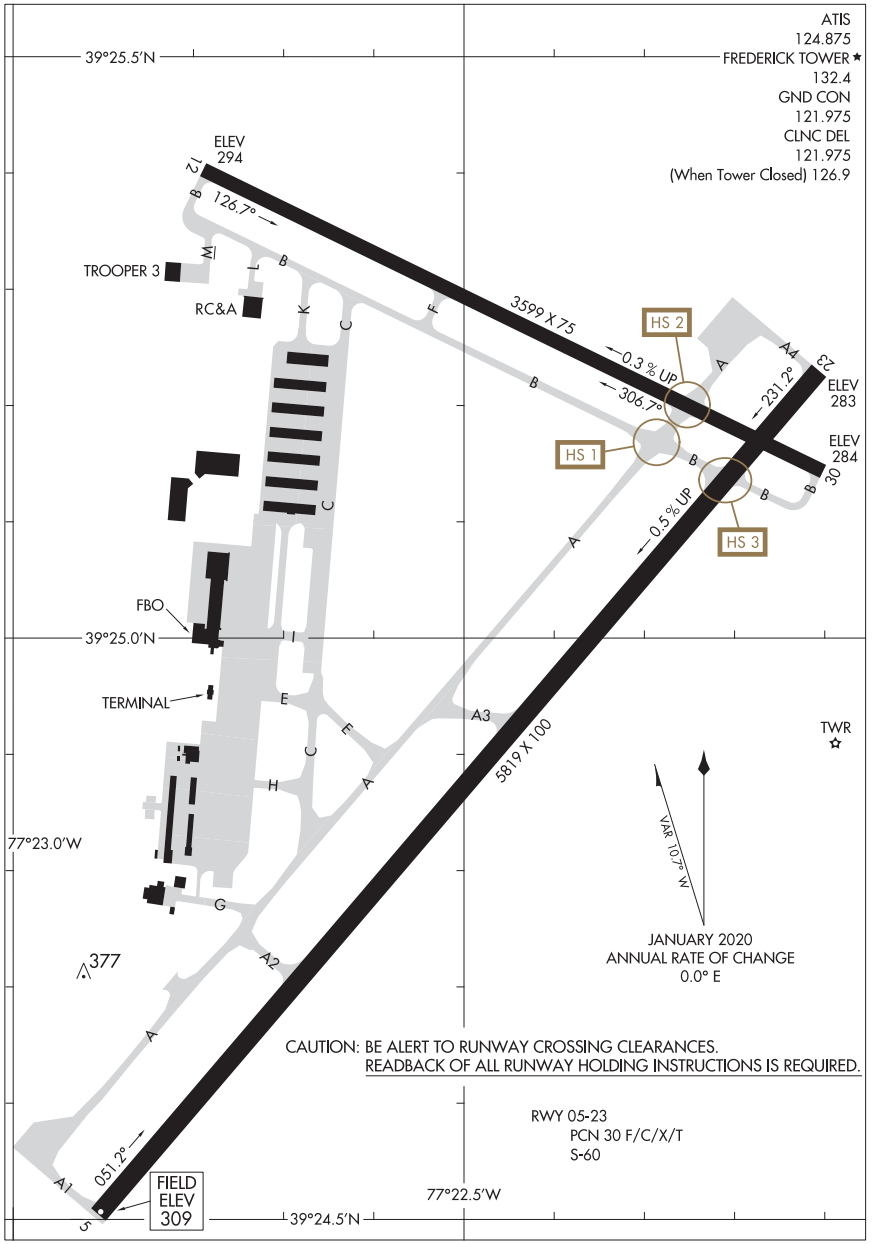
23278

AIRPORT DIAGRAM

AL-5089 (FAA)

FREDERICK MUNI (FDK)

FREDERICK, MARYLAND



AIRPORT DIAGRAM

23278

FREDERICK, MARYLAND

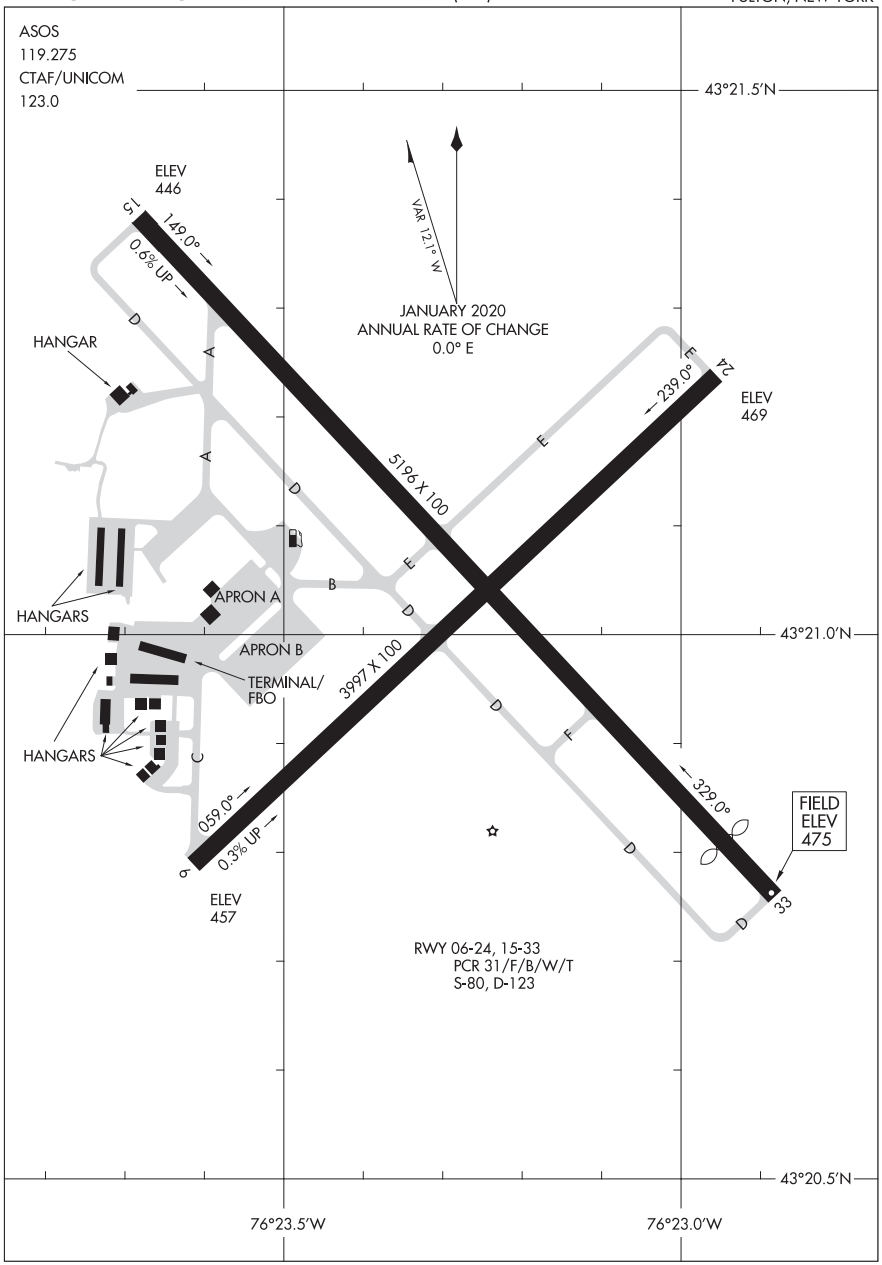
FREDERICK MUNI (FDK)

22363

AIRPORT DIAGRAM

AL-5518 (FAA)

OSWEGO COUNTY (FZY)
FULTON, NEW YORK



AIRPORT DIAGRAM

22363

FULTON, NEW YORK
OSWEGO COUNTY (FZY)

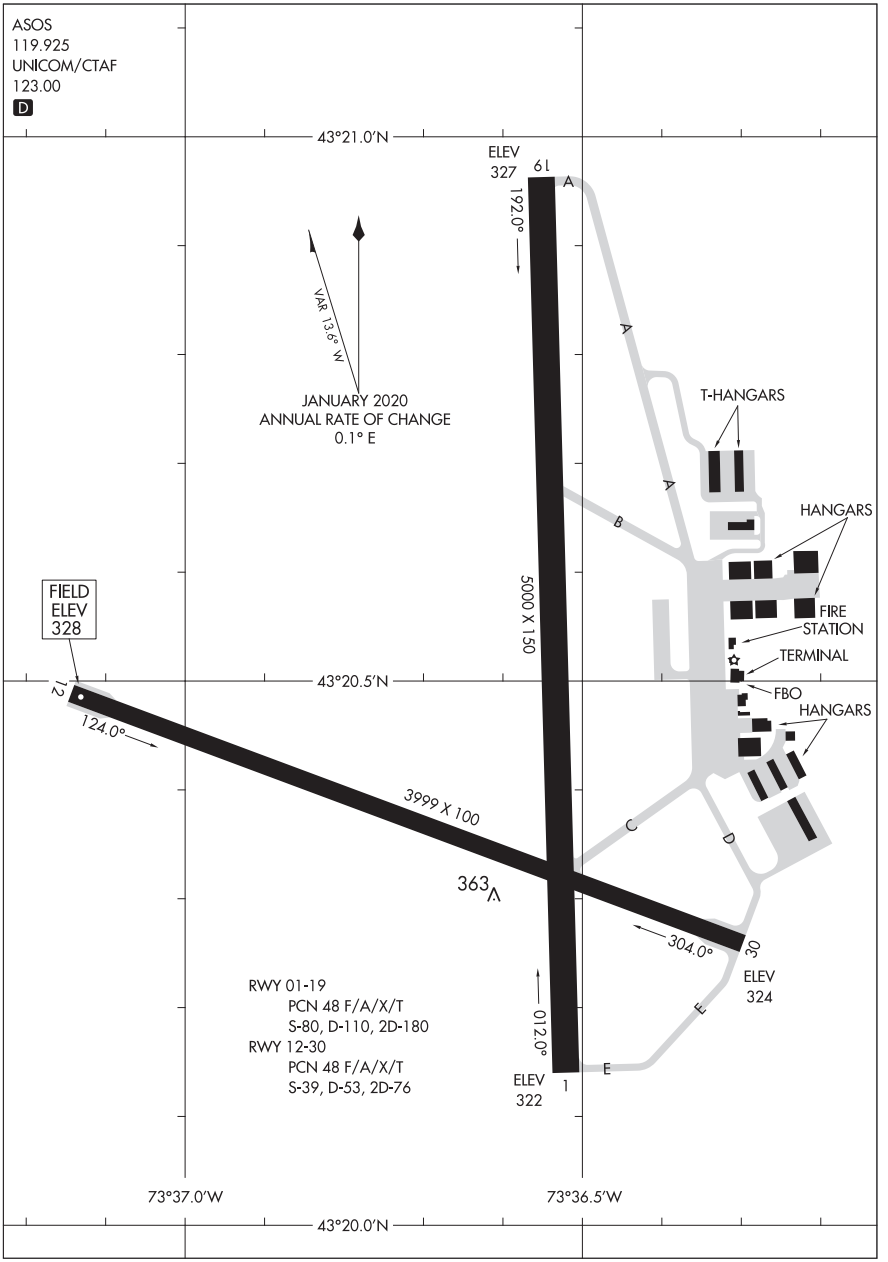
22251

AIRPORT DIAGRAM

AL-673 (FAA)

FLOYD BENNETT MEML (GFL)

GLENS FALLS, NEW YORK



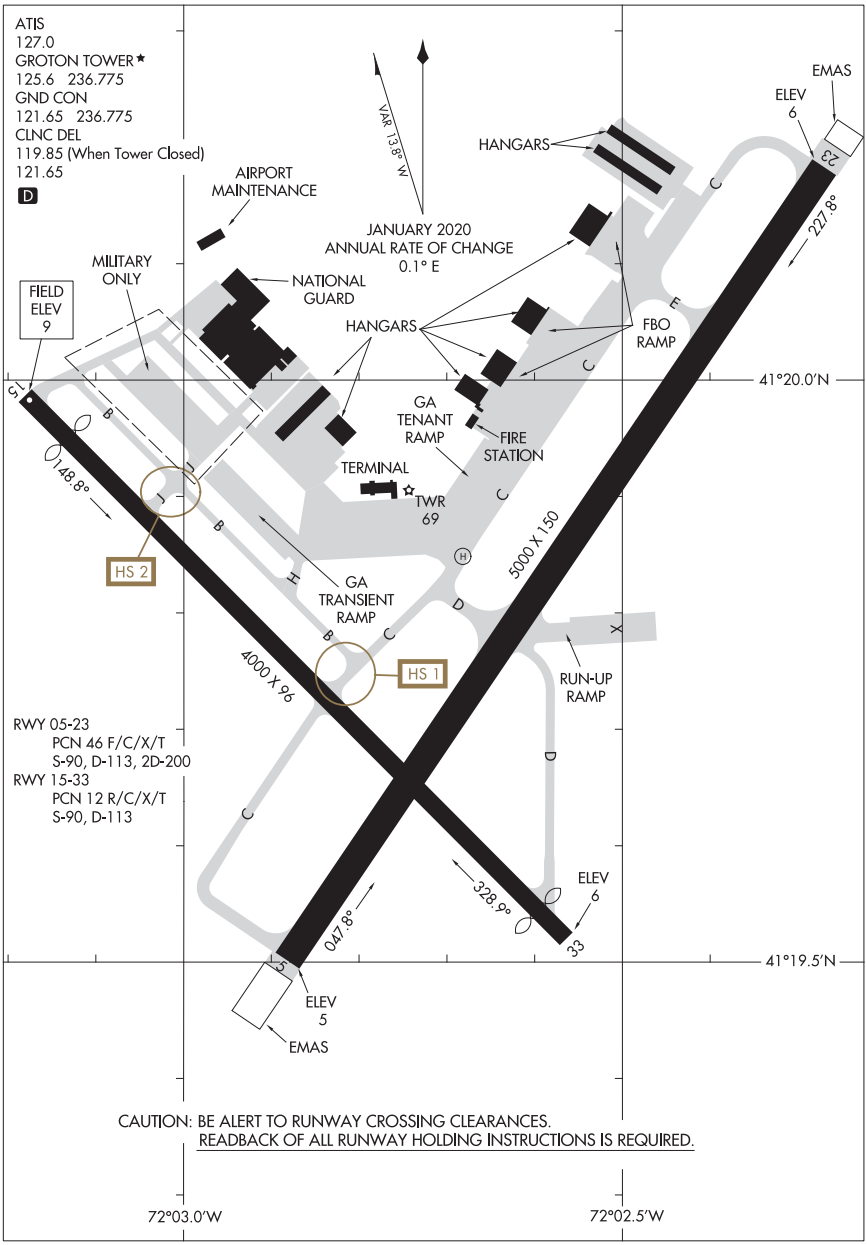
AIRPORT DIAGRAM
22251
GLENS FALLS, NEW YORK
FLOYD BENNETT MEML (GFL)

22251

AIRPORT DIAGRAM

AL-5049 (FAA)

GROTON-NEW LONDON (GON)
GROTON (NEW LONDON), CONNECTICUT



AIRPORT DIAGRAM

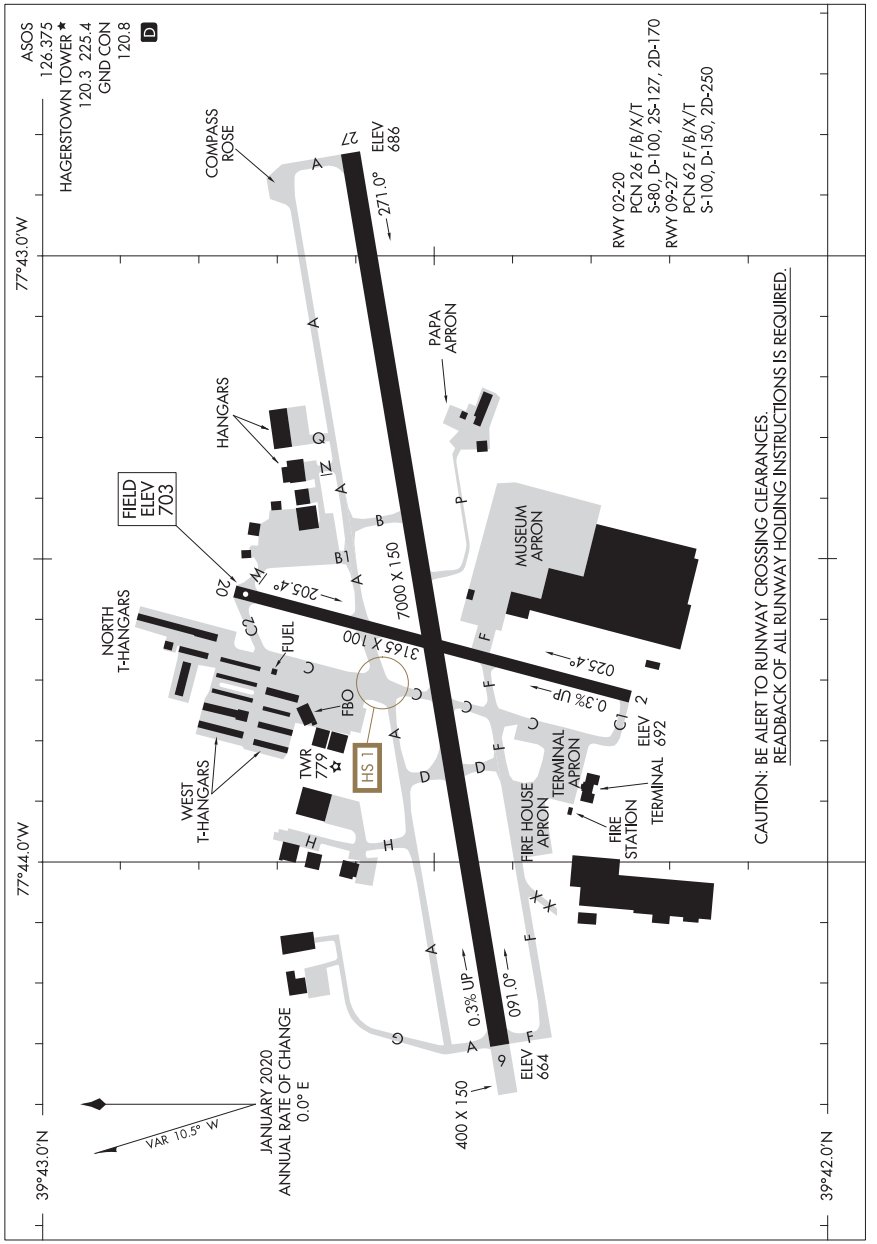
22251

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

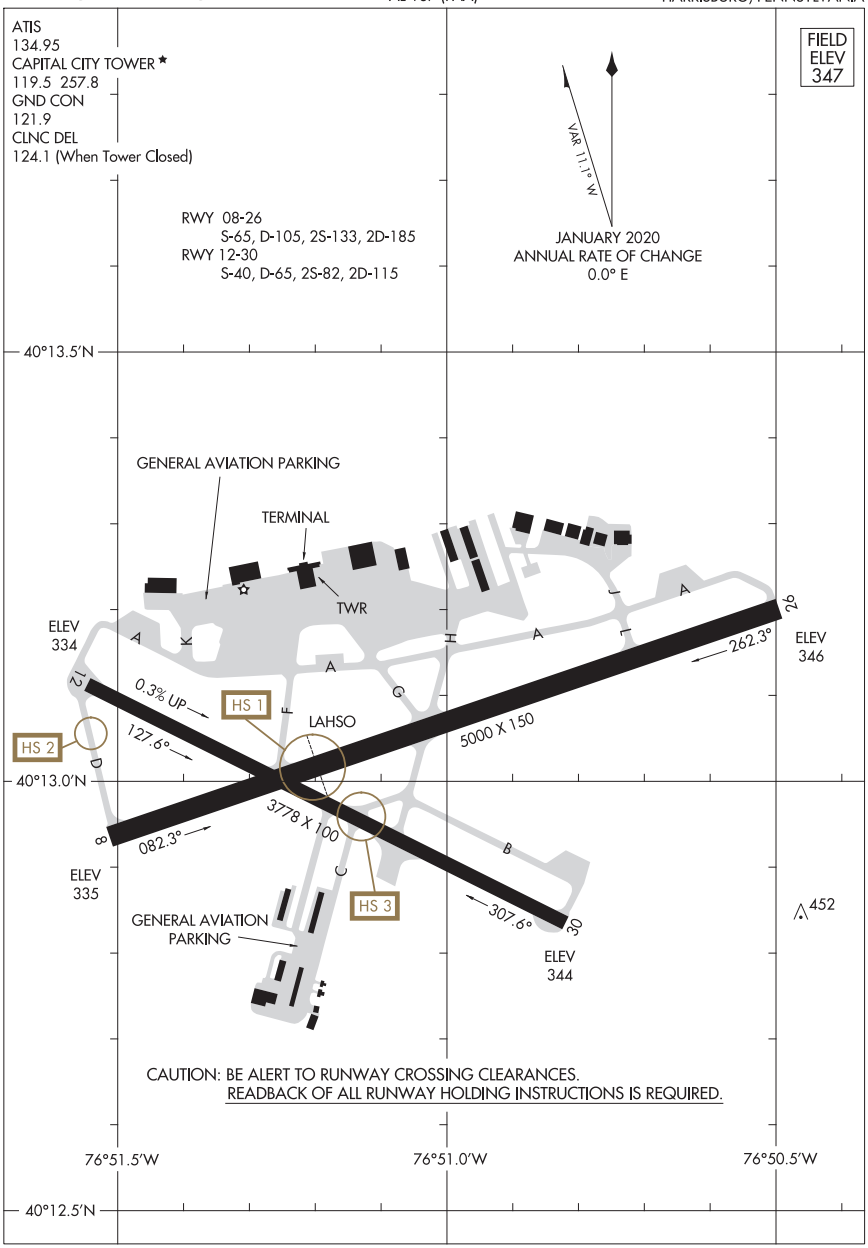
HAGERSTOWN, MARYLAND
HAGERSTOWN RGNL/RICHARD A HENSON FLD (HGR)

20086

AIRPORT DIAGRAM

AL-187 (FAA)

CAPITAL CITY (CXY)
HARRISBURG, PENNSYLVANIA



AIRPORT DIAGRAM

20086

HARRISBURG, PENNSYLVANIA
CAPITAL CITY (CXY)

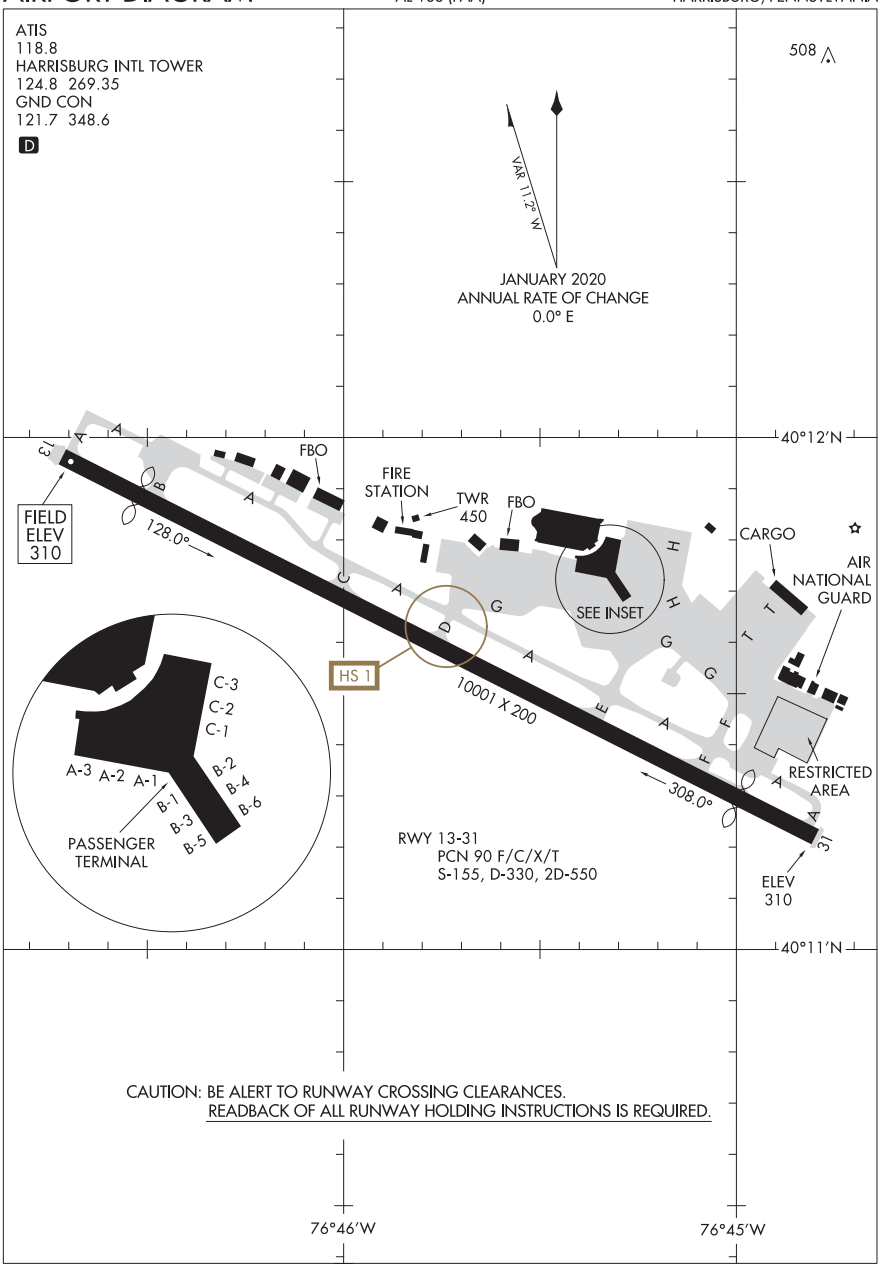
21336

AIRPORT DIAGRAM

AL-188 (FAA)

HARRISBURG INTL (MDT)

HARRISBURG, PENNSYLVANIA



AIRPORT DIAGRAM

21336

HARRISBURG, PENNSYLVANIA

HARRISBURG INTL (MDT)

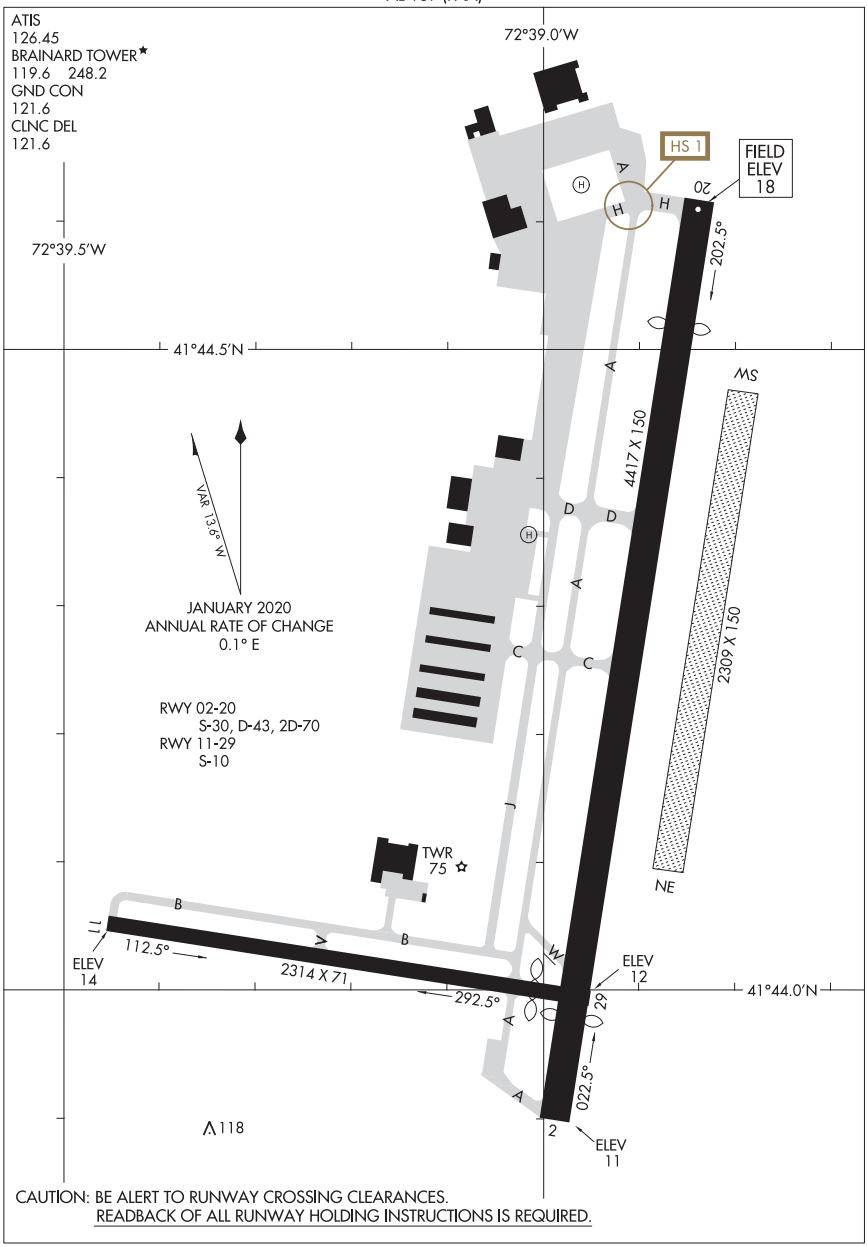
23166

AIRPORT DIAGRAM

AL-189 (FAA)

HARTFORD-BRAINARD (HFD)

HARTFORD, CONNECTICUT



AIRPORT DIAGRAM

23166

HARTFORD-BRAINARD (HFD)

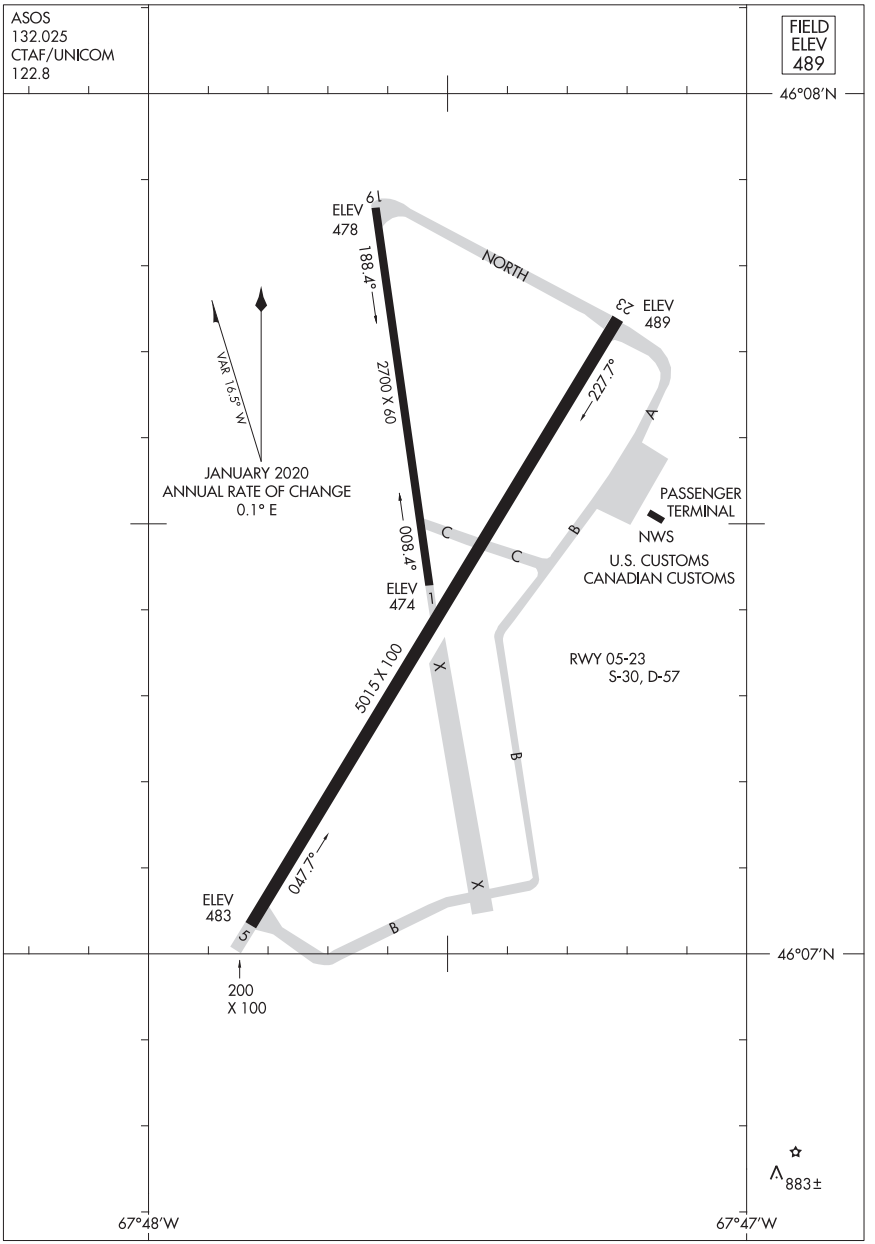
HARTFORD, CONNECTICUT

20086

AIRPORT DIAGRAM

AL-196 (FAA)

HOULTON INTL (HUL)
HOULTON, MAINE



AIRPORT DIAGRAM

20086

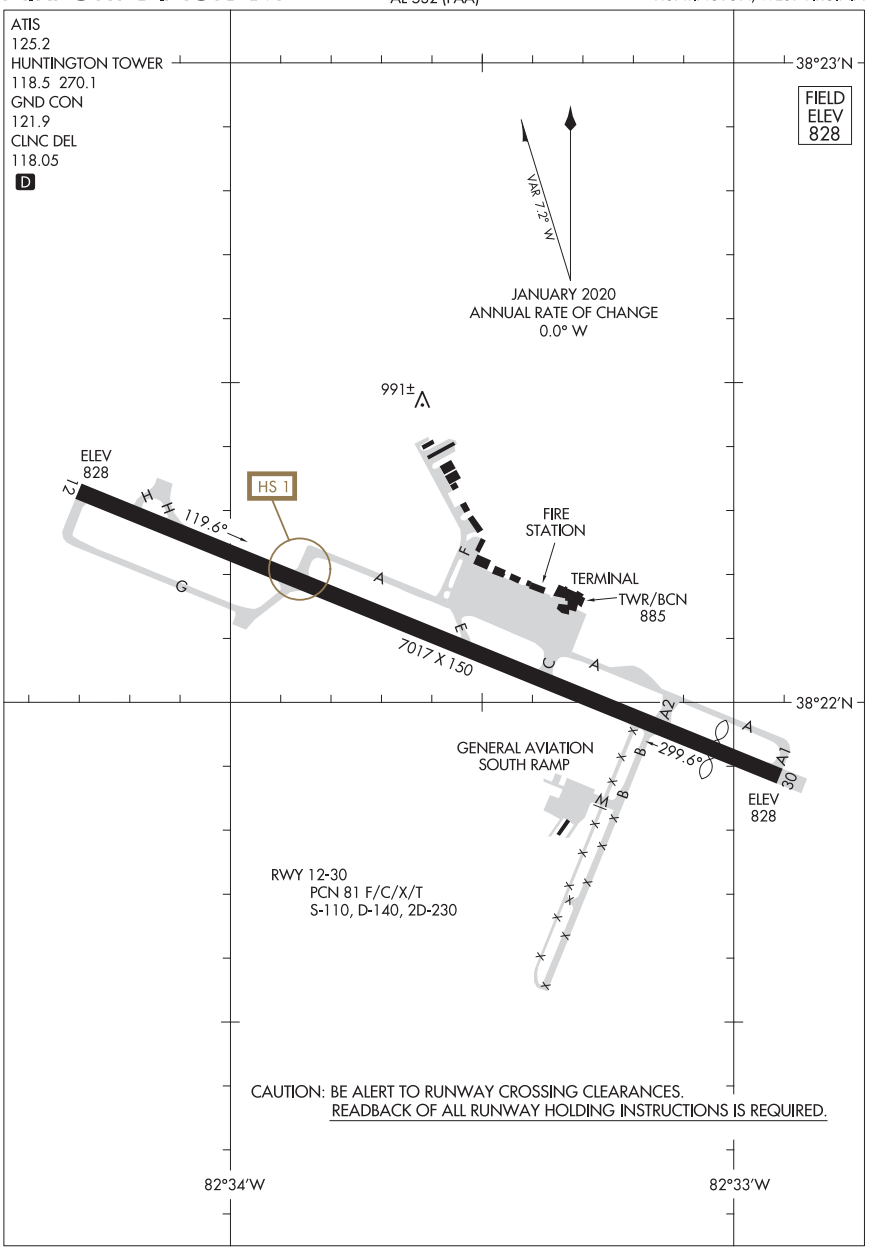
HOULTON, MAINE
HOULTON INTL (HUL)

22195

AIRPORT DIAGRAM

TRI-STATE/MILTON J FERGUSON FLD (HTS)
HUNTINGTON, WEST VIRGINIA

AL-532 (FAA)



AIRPORT DIAGRAM

22195

HUNTINGTON, WEST VIRGINIA
TRI-STATE/MILTON J FERGUSON FLD (HTS)

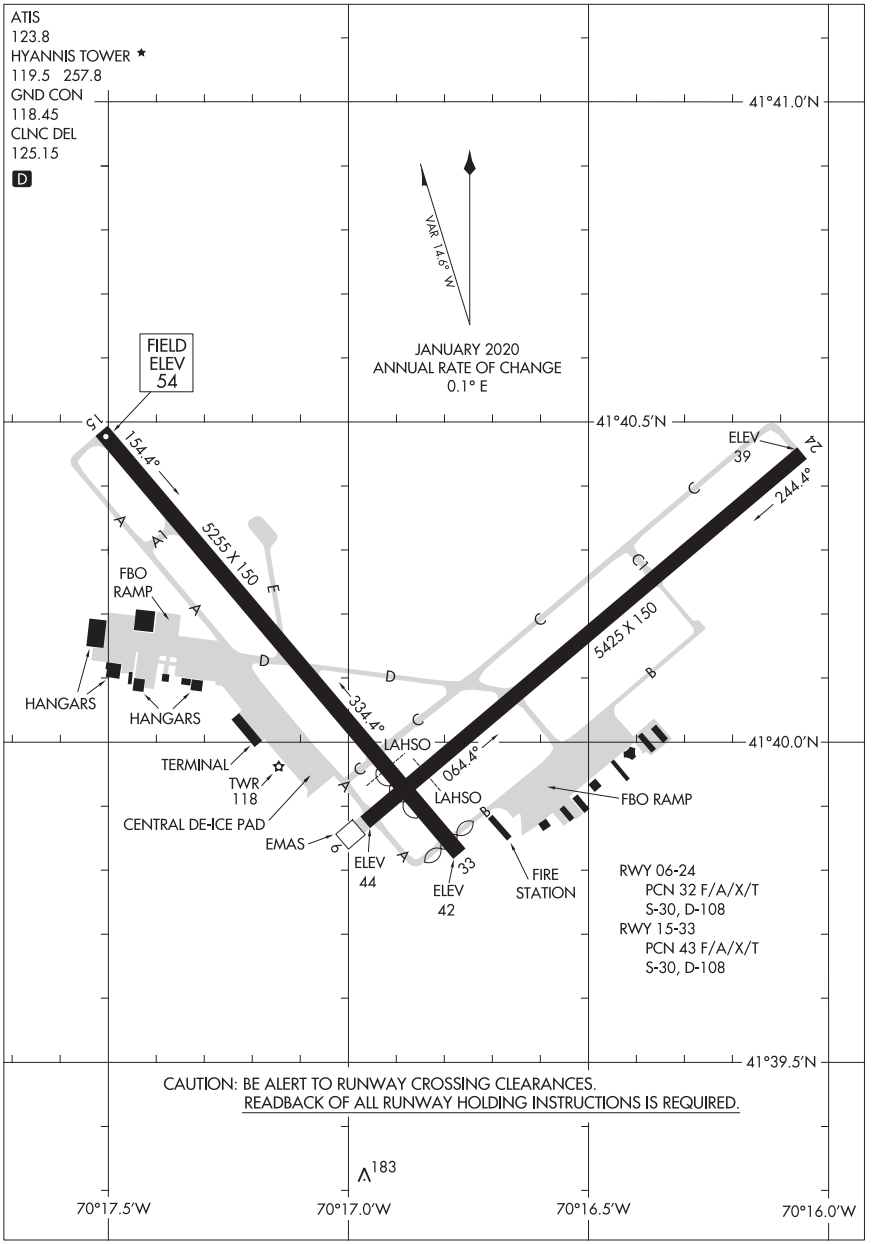
21280

AIRPORT DIAGRAM

AL-675 (FAA)

CAPE COD GATEWAY (HYA)

HYANNIS, MASSACHUSETTS



AIRPORT DIAGRAM

21280

HYANNIS, MASSACHUSETTS

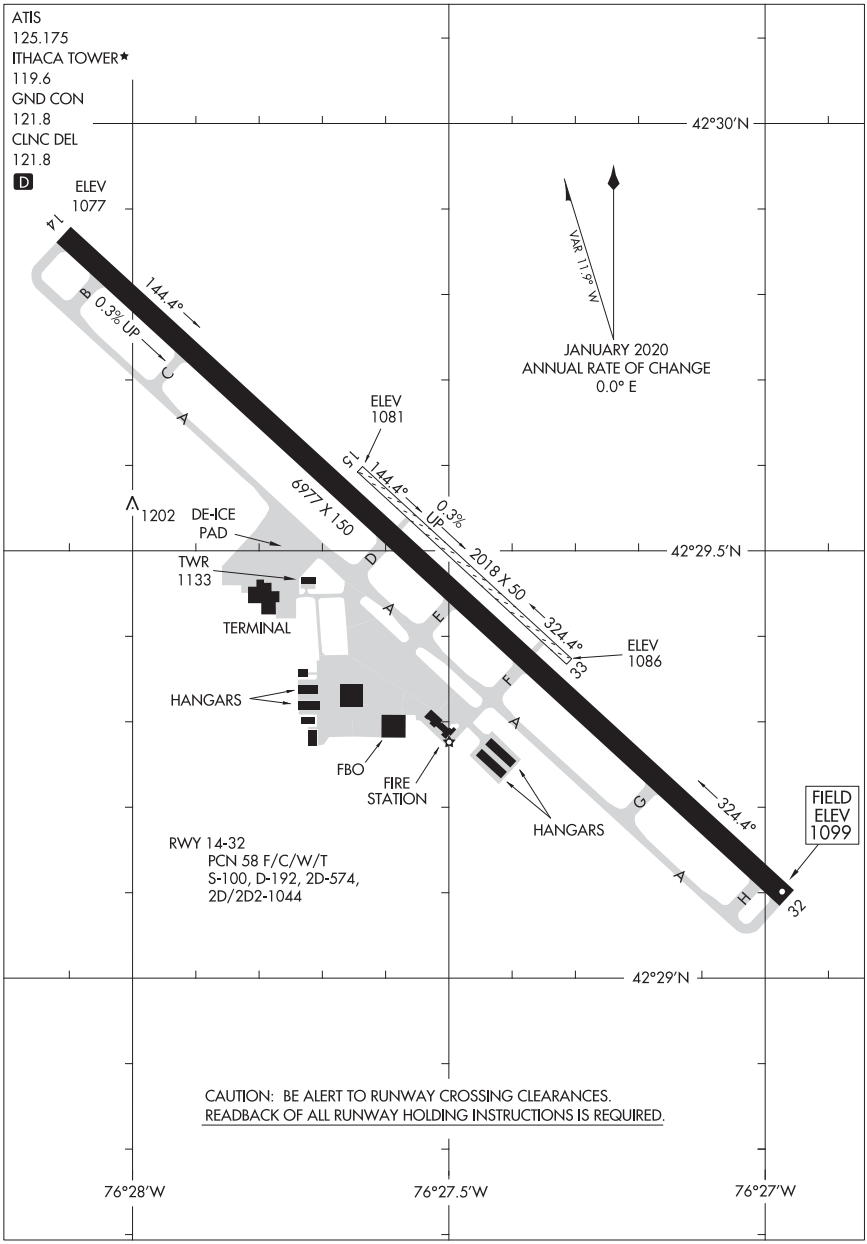
CAPE COD GATEWAY (HYA)

23166

AIRPORT DIAGRAM

AL-779 (FAA)

ITHACA TOMPKINS INTL (ITH)
ITHACA, NEW YORK



AIRPORT DIAGRAM
23166

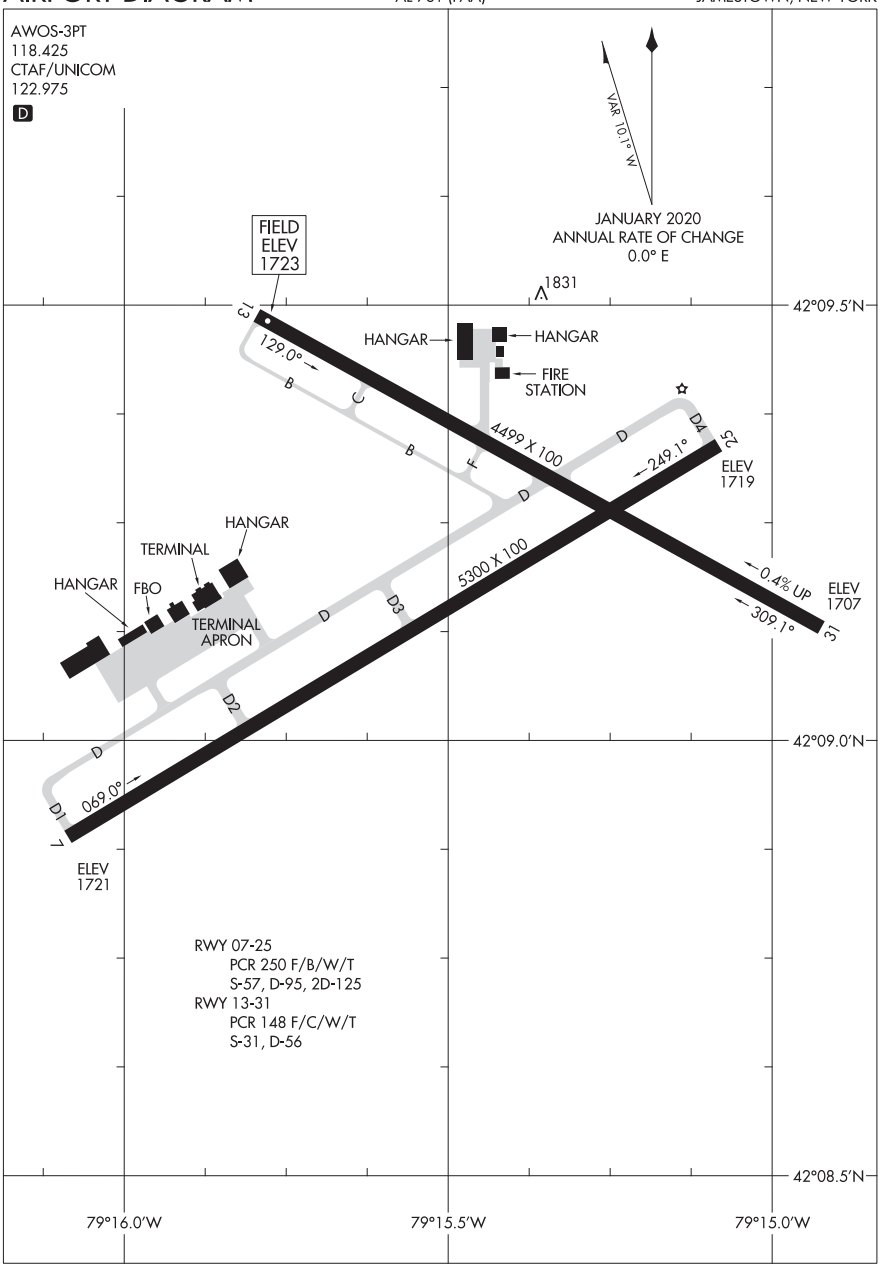
ITHACA, NEW YORK
ITHACA TOMPKINS INTL (ITH)

23334

AIRPORT DIAGRAM

CHAUTAUQUA COUNTY/JAMESTOWN (JHW)

AL-731 (FAA) JAMESTOWN, NEW YORK



AIRPORT DIAGRAM

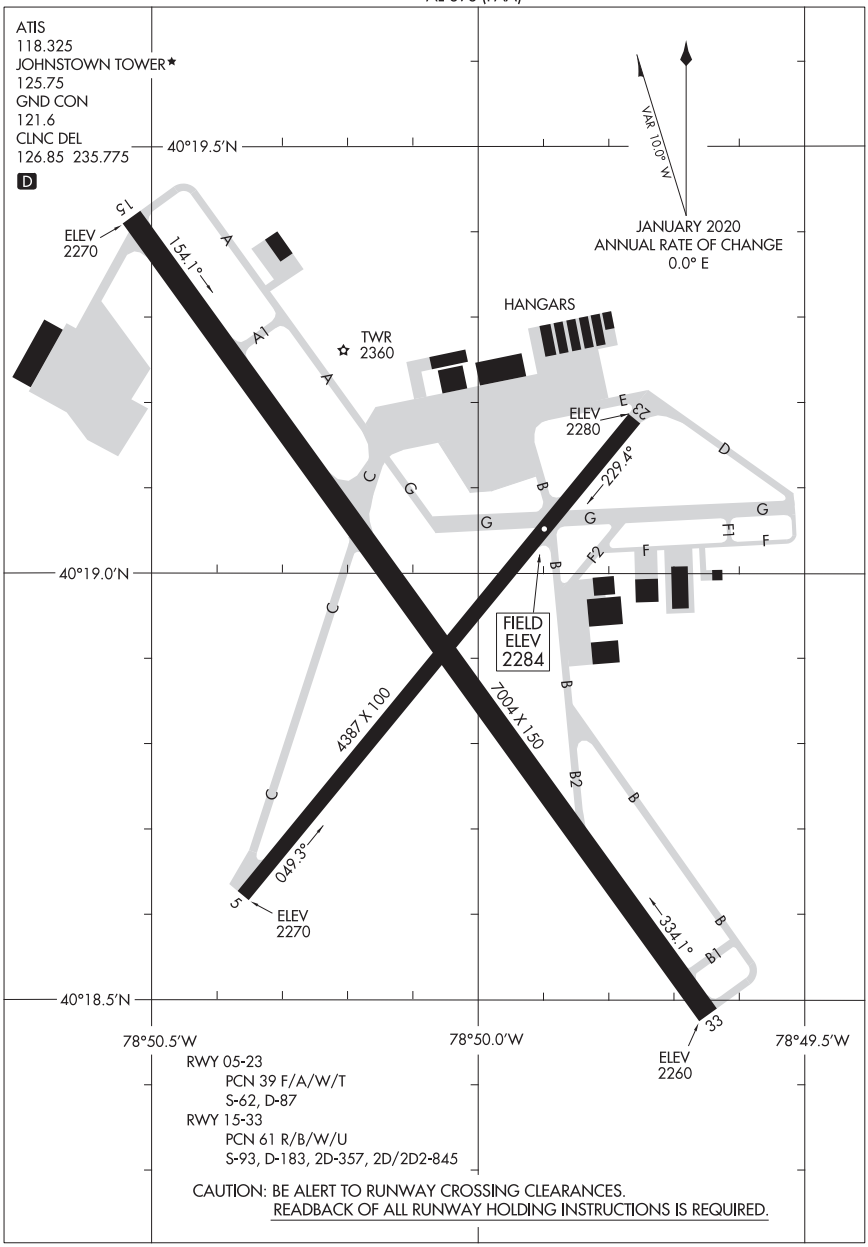
23334

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)

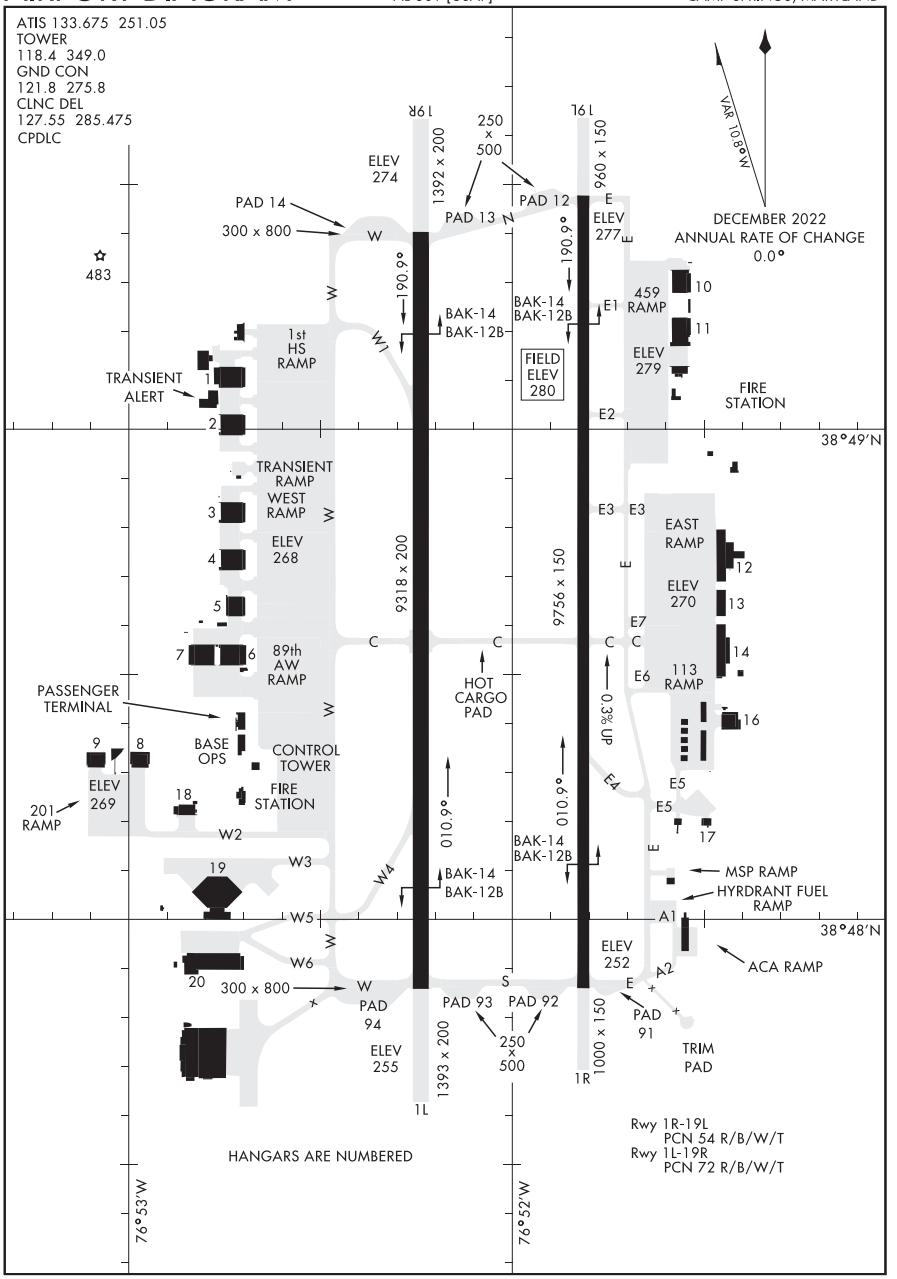
22363

AIRPORT DIAGRAM

JOINT BASE ANDREWS (KADW)

AL-561 [USAF]

CAMP SPRINGS, MARYLAND



AIRPORT DIAGRAM

CAMP SPRINGS, MARYLAND

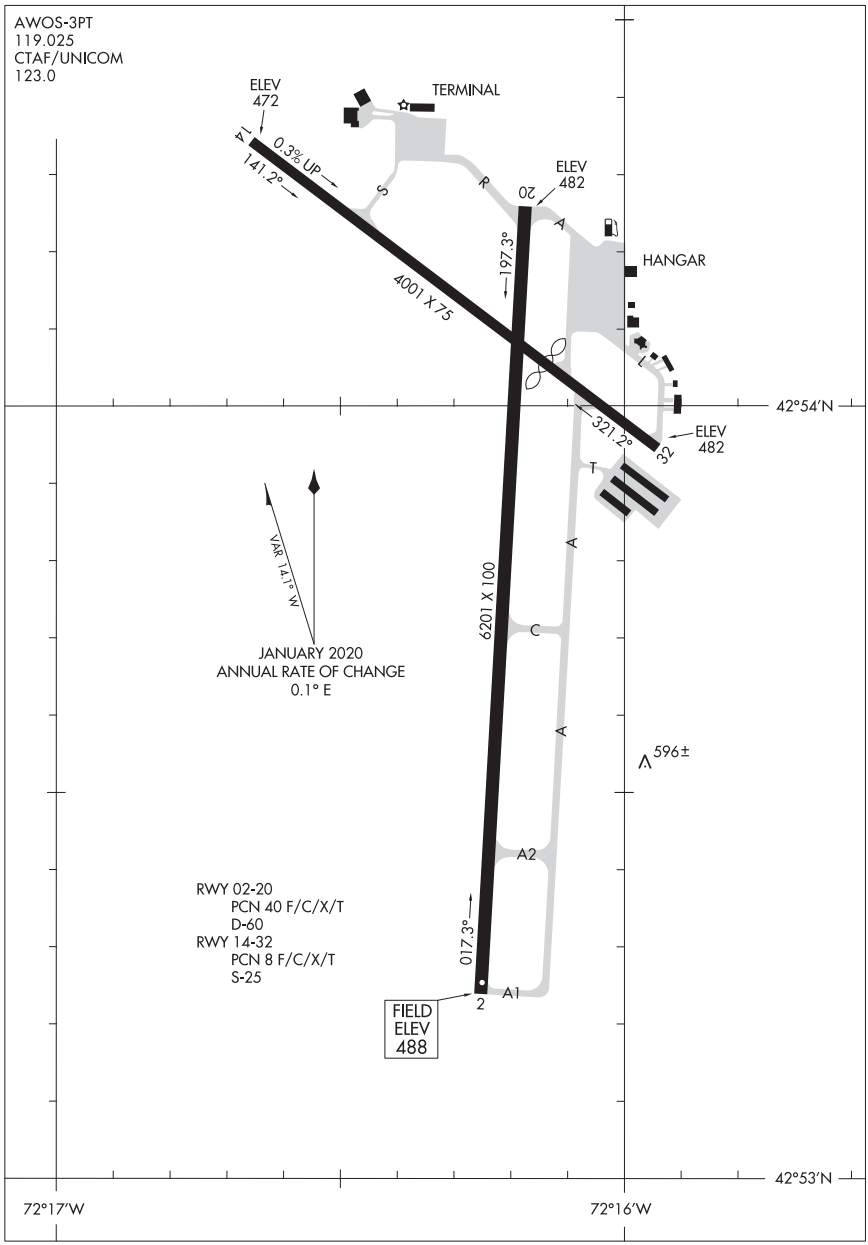
JOINT BASE ANDREWS (KADW)

22083

AIRPORT DIAGRAM

AL-868 (FAA)

DILLANT/HOPKINS (EEN)
KEENE, NEW HAMPSHIRE



AIRPORT DIAGRAM

22083

KEENE, NEW HAMPSHIRE
DILLANT/HOPKINS (EEN)

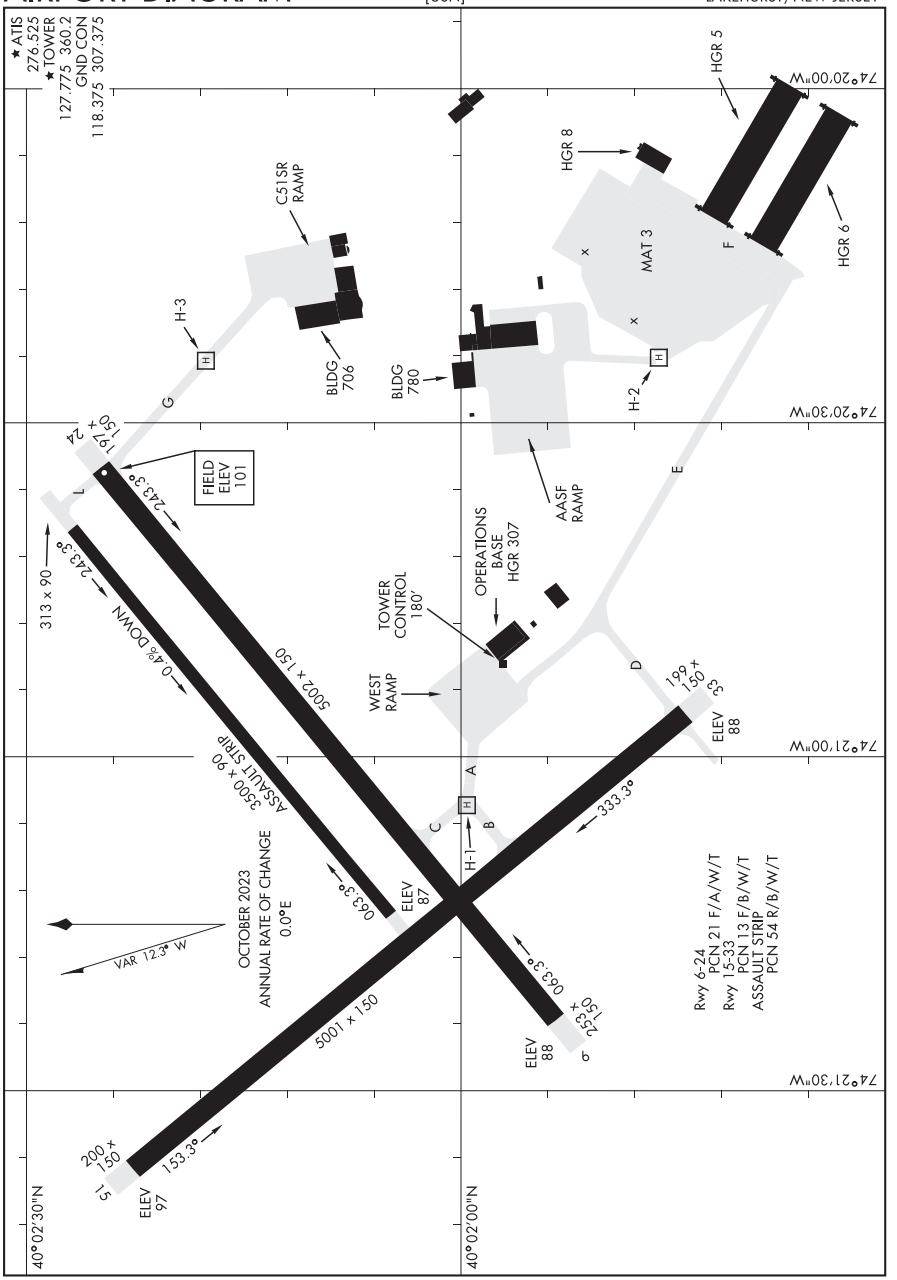
23334

AIRPORT DIAGRAM

LAKEHURST MAXFIELD FLD, (JOINT BASE MC GUIRE DIX LAKEHURST) (KNEL)

[USN]

LAKEHURST, NEW JERSEY



AIRPORT DIAGRAM

LAKEHURST, NEW JERSEY

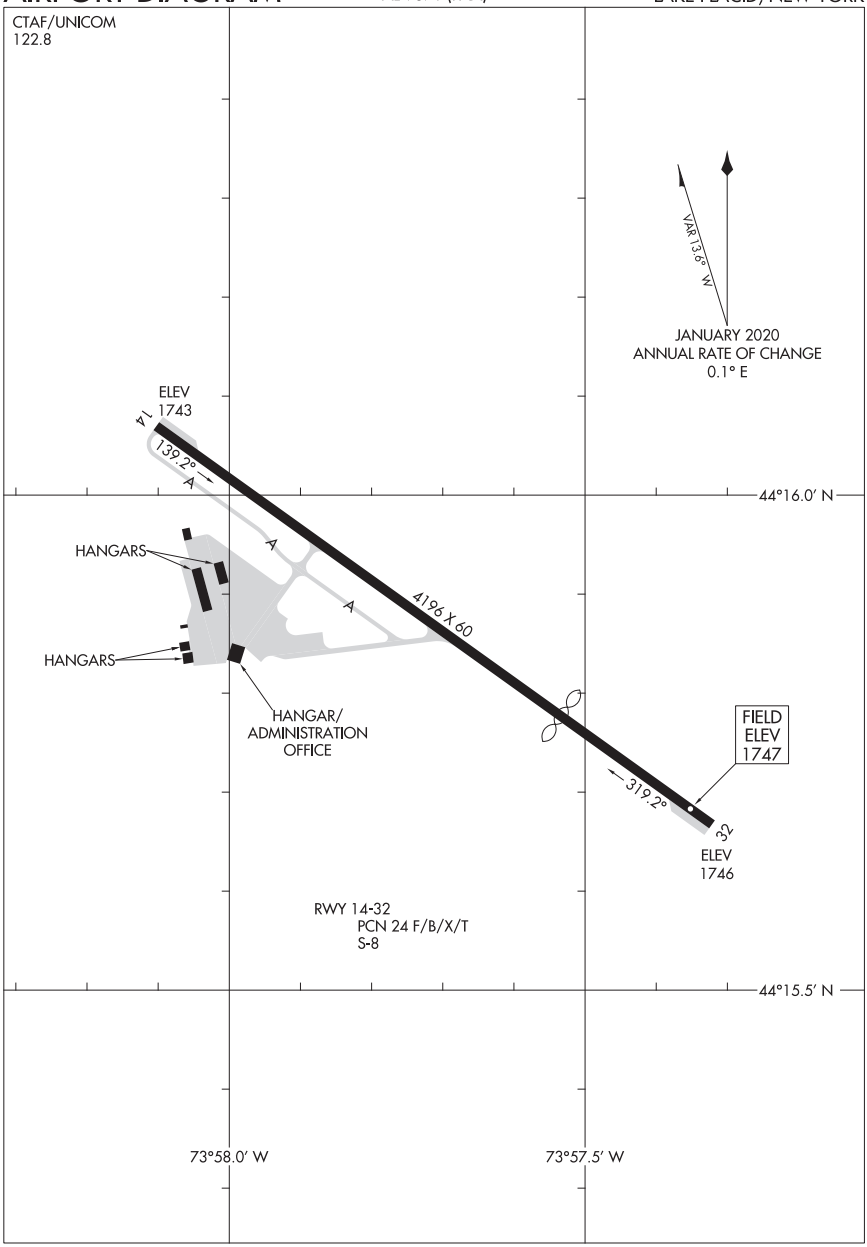
LAKEHURST MAXFIELD FLD, (JOINT BASE MC GUIRE DIX LAKEHURST) (KNEL)

21336

AIRPORT DIAGRAM

AL-9371 (FAA)

LAKE PLACID (LKP)
LAKE PLACID, NEW YORK



AIRPORT DIAGRAM

21336

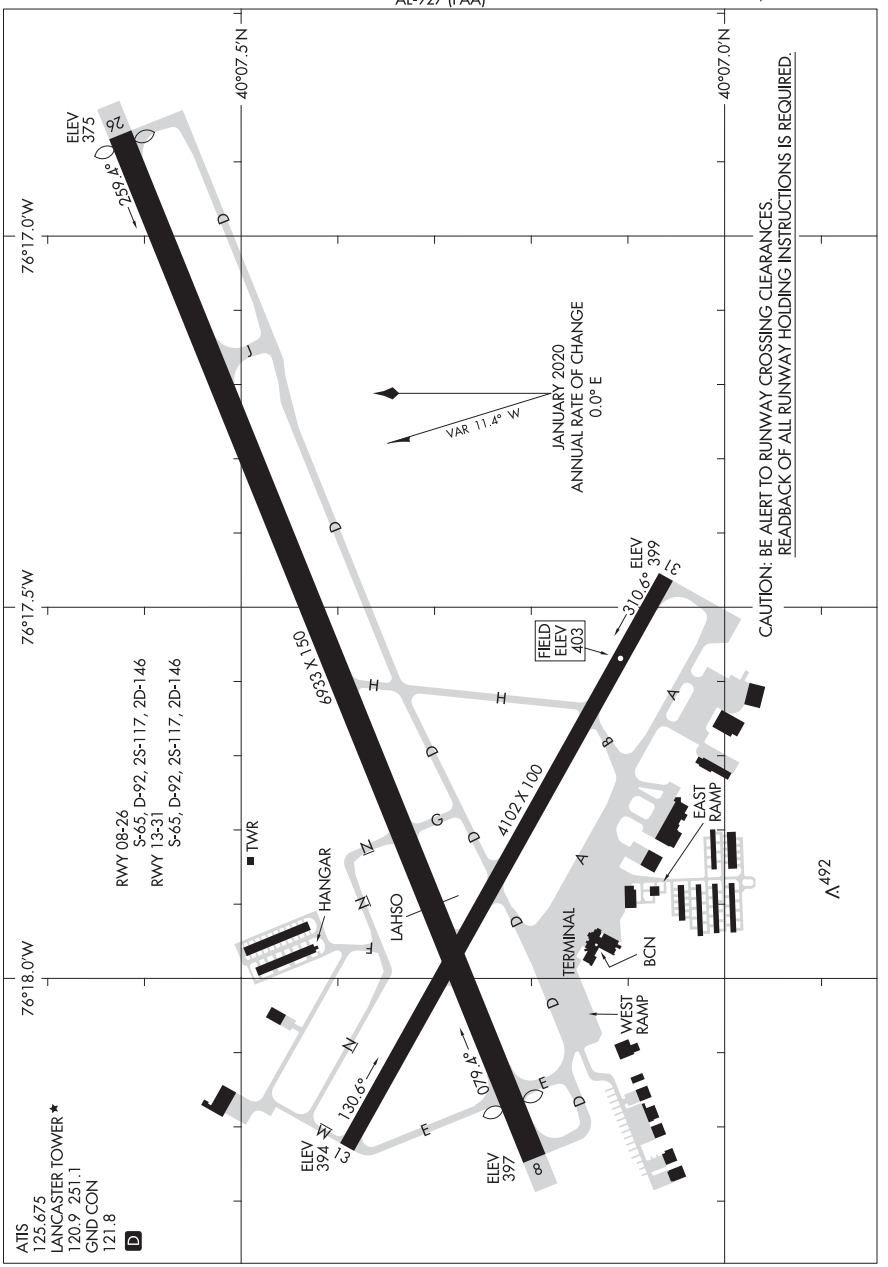
LAKE PLACID, NEW YORK
LAKE PLACID (LKP)

23334

AIRPORT DIAGRAM

LANCASTER (LNS)
LANCASTER, PENNSYLVANIA

AL-927 (FAA)



AIRPORT DIAGRAM

23334

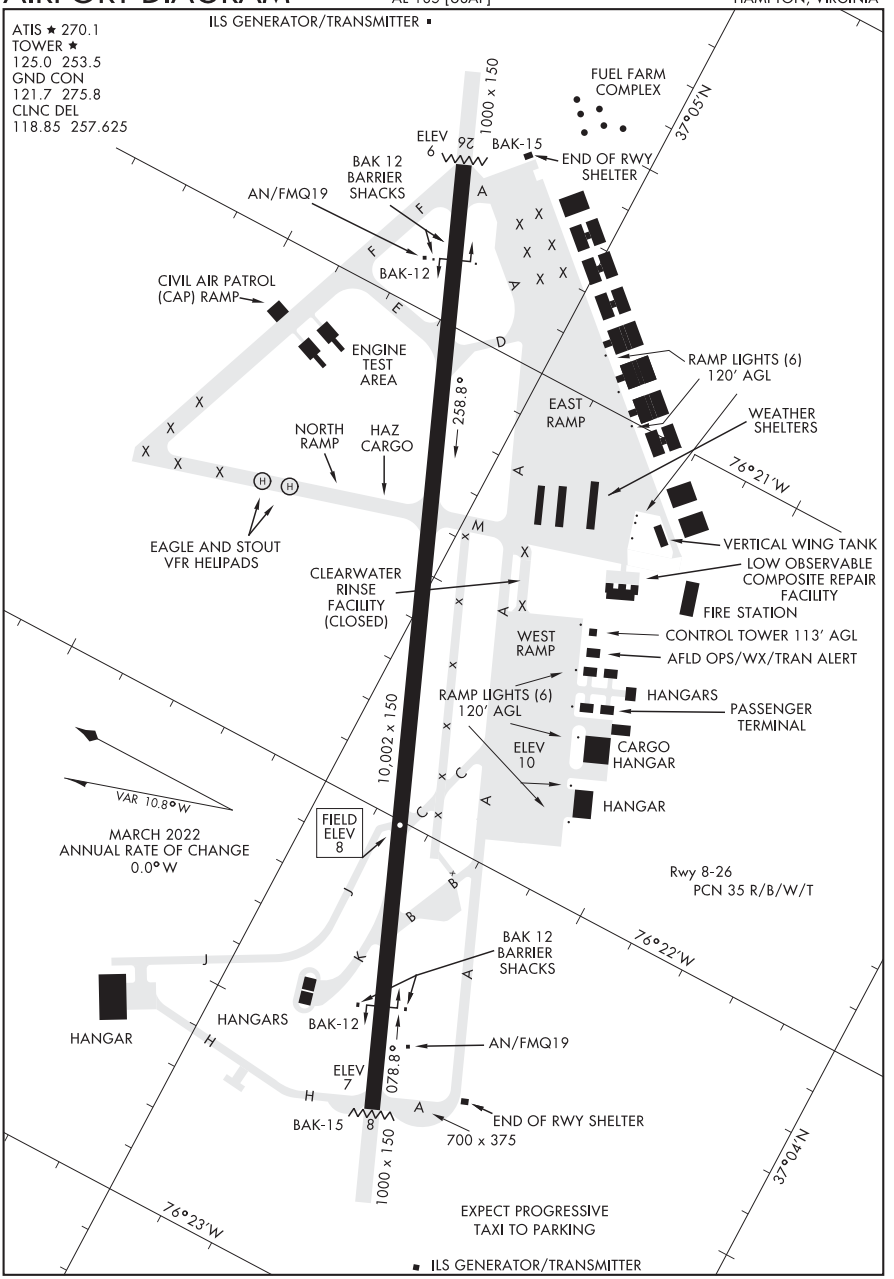
LANCASTER, PENNSYLVANIA
LANCASTER (LNS)

22083

AIRPORT DIAGRAM

LANGLEY AFB (KLFI)

HAMPTON, VIRGINIA



AIRPORT DIAGRAM

HAMPTON, VIRGINIA
LANGLEY AFB (KLFI)

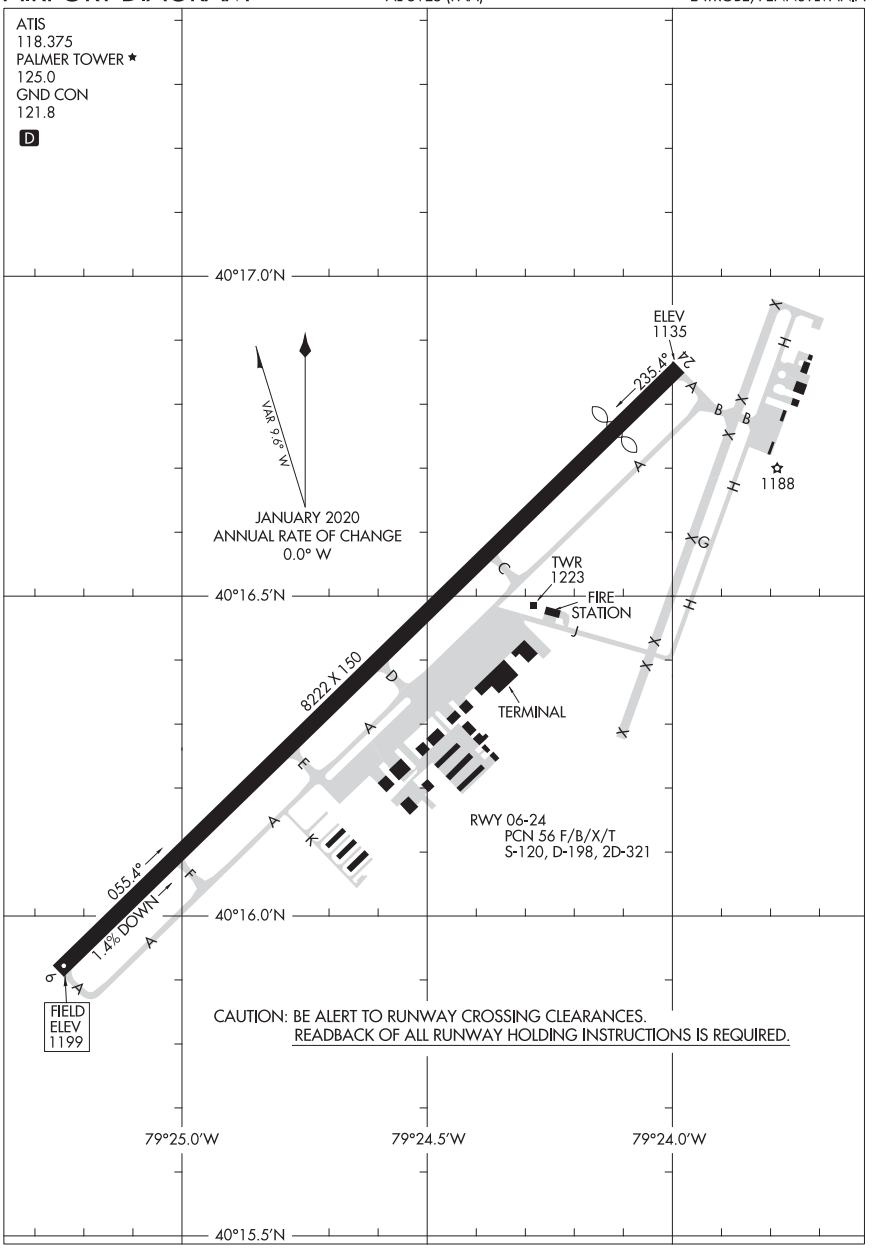
23222

AIRPORT DIAGRAM

AL-5125 (FAA)

ARNOLD PALMER RGNL (LBE)

LATROBE, PENNSYLVANIA



AIRPORT DIAGRAM

23222

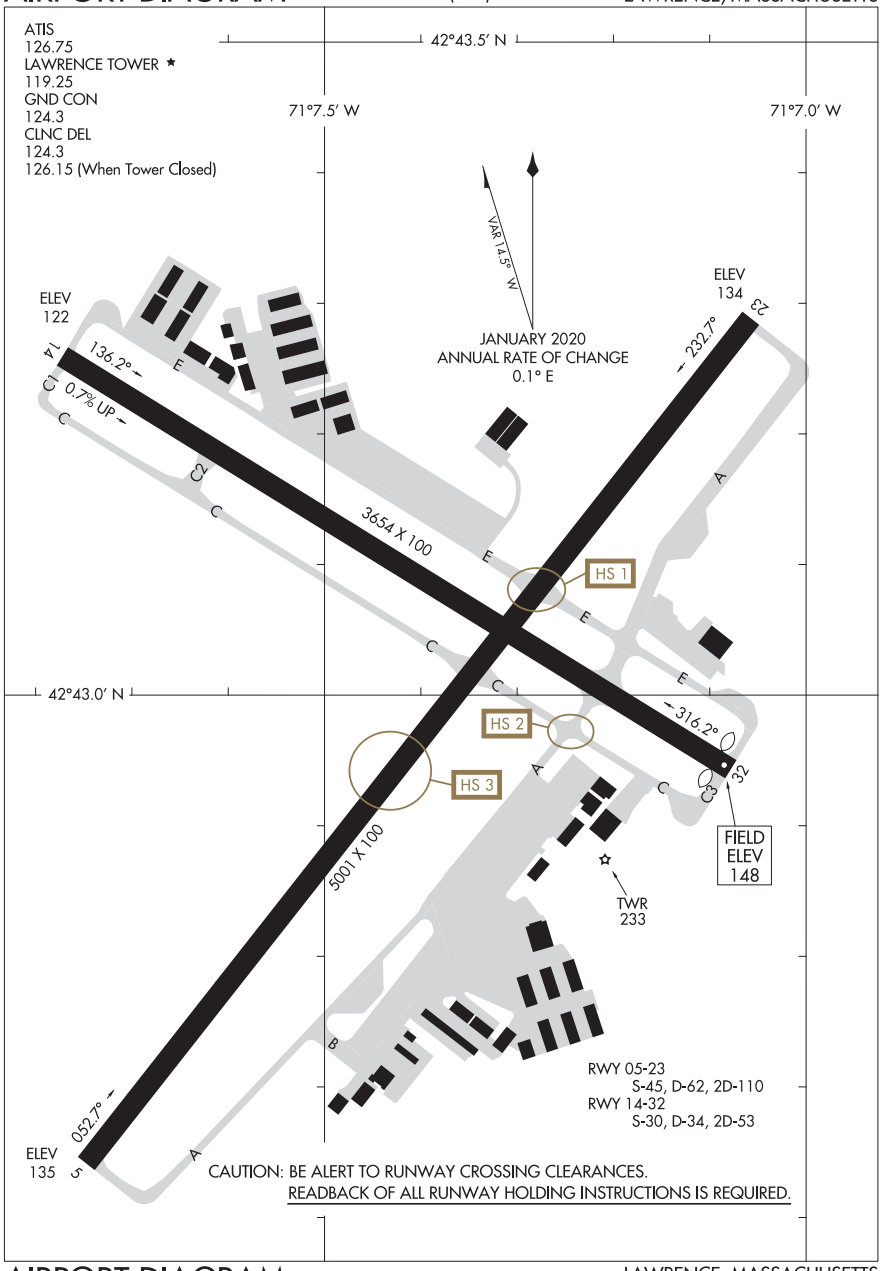
LATROBE, PENNSYLVANIA

ARNOLD PALMER RGNL (LBE)

23334
AIRPORT DIAGRAM

AL-654 (FAA)

LAWRENCE MUNI (LWM)
LAWRENCE, MASSACHUSETTS



AIRPORT DIAGRAM
23334

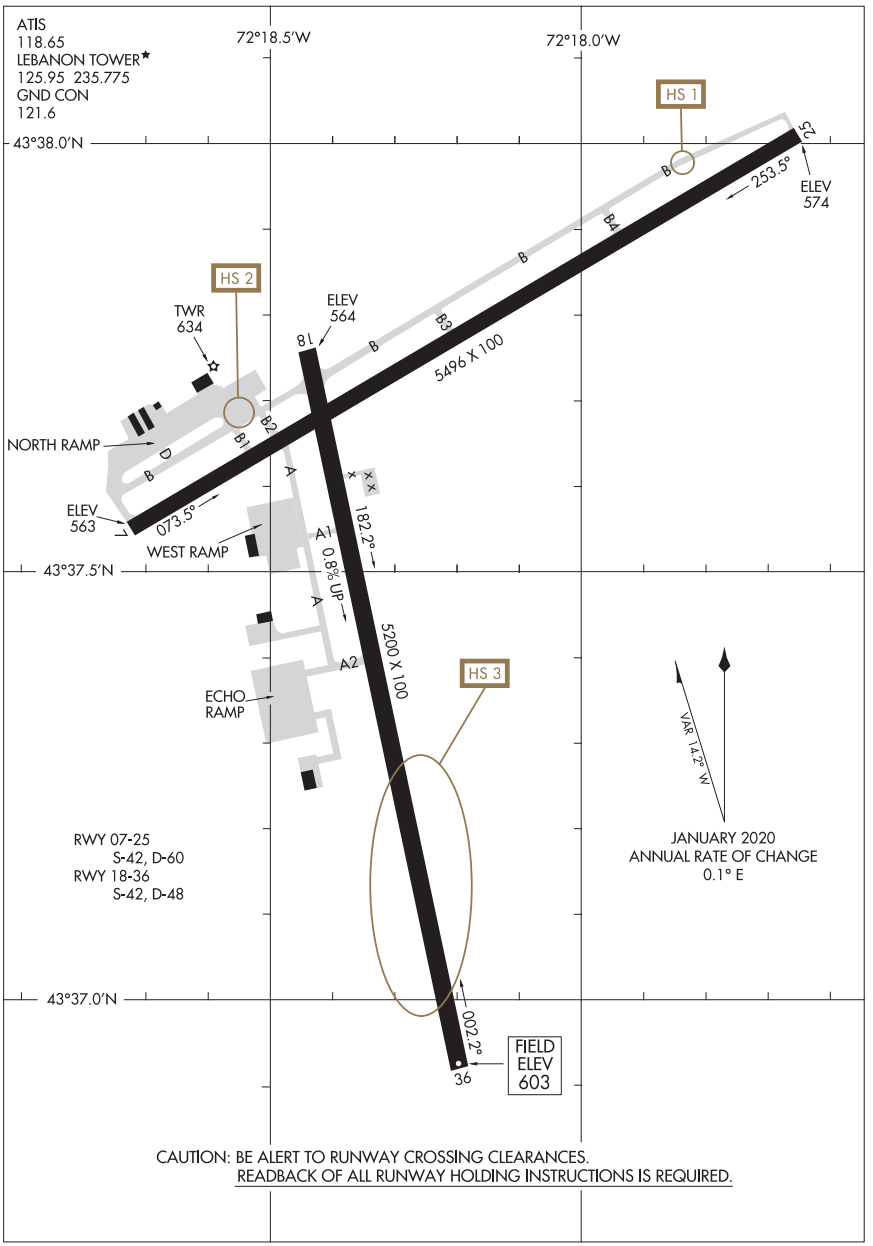
LAWRENCE, MASSACHUSETTS
LAWRENCE MUNI (LWM)

20086

AIRPORT DIAGRAM

AL-859 (FAA)

LEBANON MUNI (LEB)
LEBANON, NEW HAMPSHIRE



AIRPORT DIAGRAM
20086

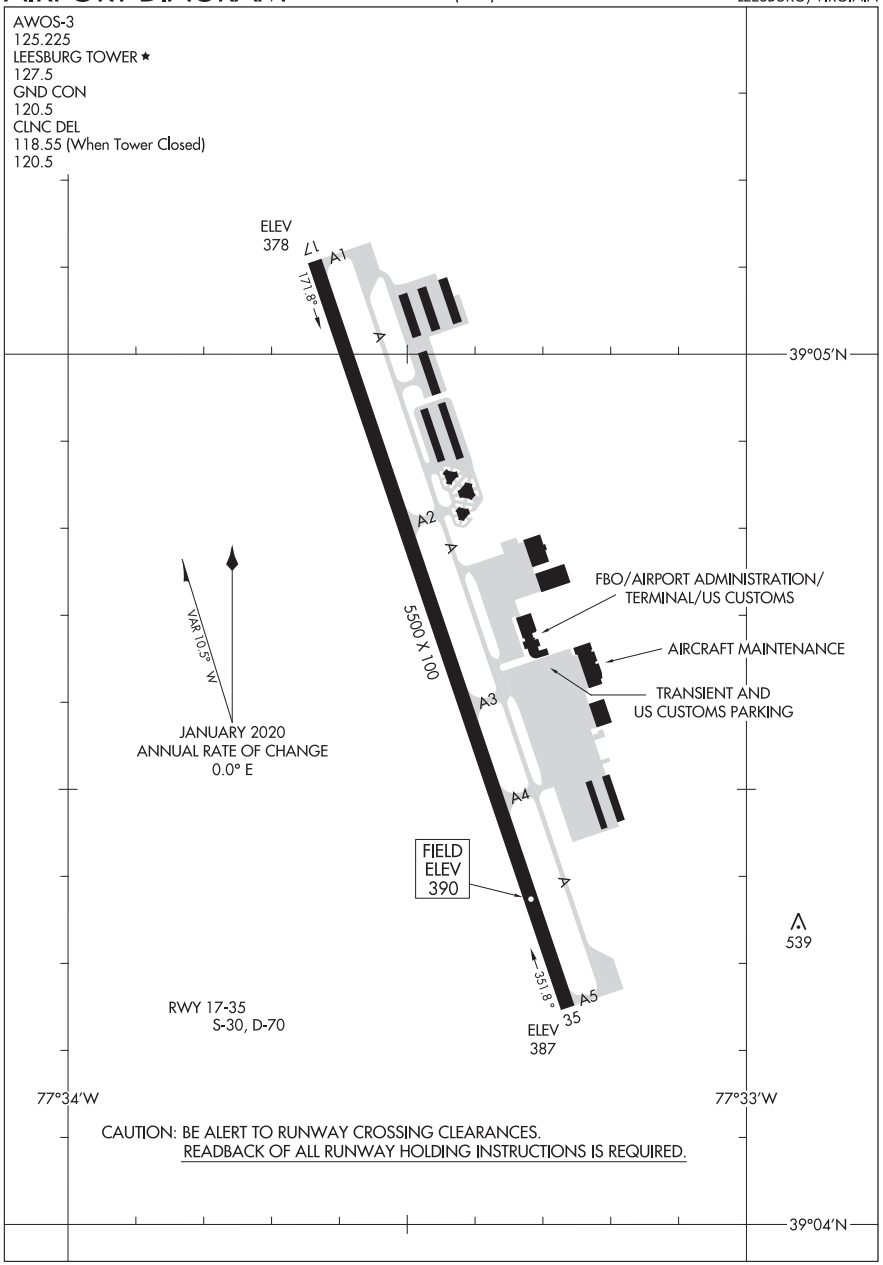
LEBANON, NEW HAMPSHIRE
LEBANON MUNI (LEB)

21112

AIRPORT DIAGRAM

AL-5288 (FAA)

LEESBURG EXEC (JYO)
LEESBURG, VIRGINIA



AIRPORT DIAGRAM

21112

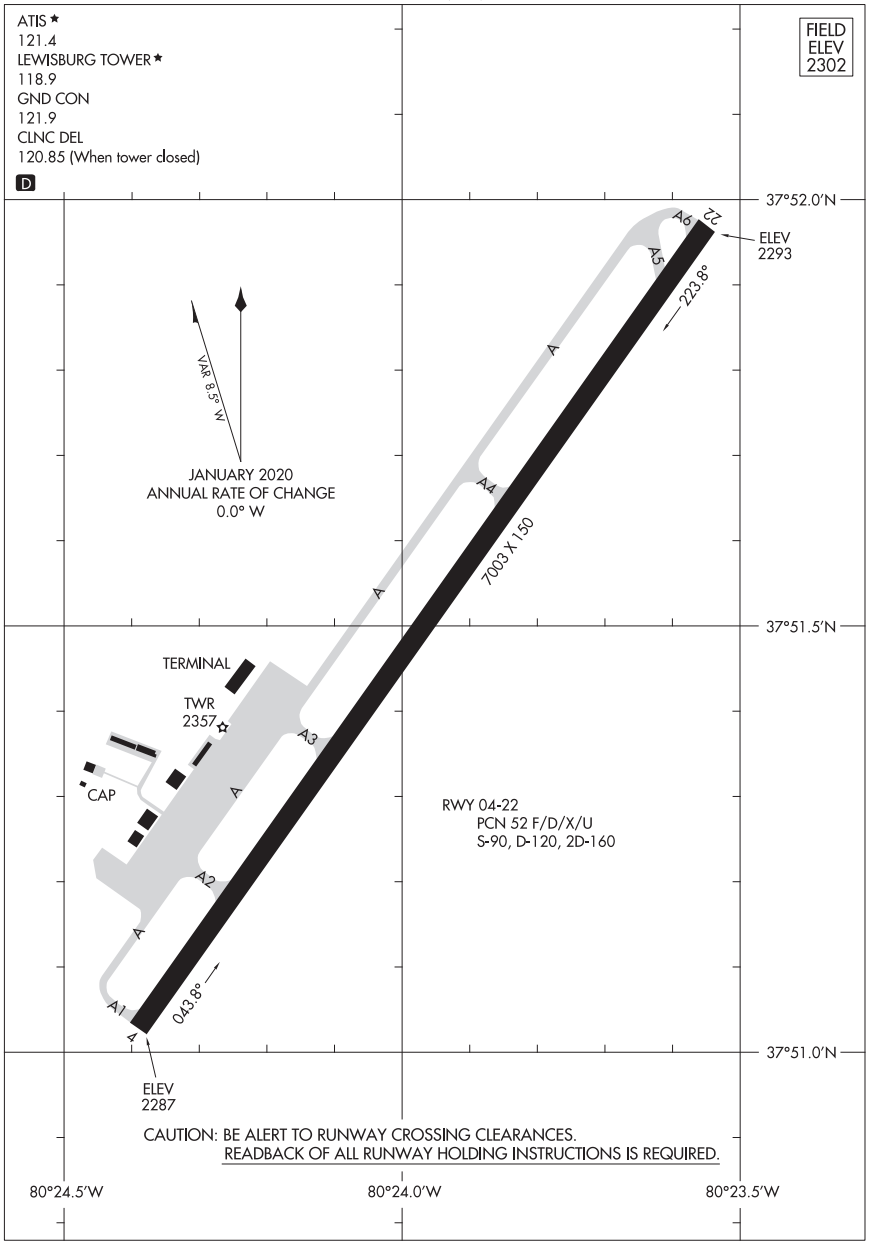
LEESBURG, VIRGINIA
LEESBURG EXEC (JYO)

22139

AIRPORT DIAGRAM

AL-5601 (FAA)

GREENBRIER VALLEY (LWB)
LEWISBURG, WEST VIRGINIA



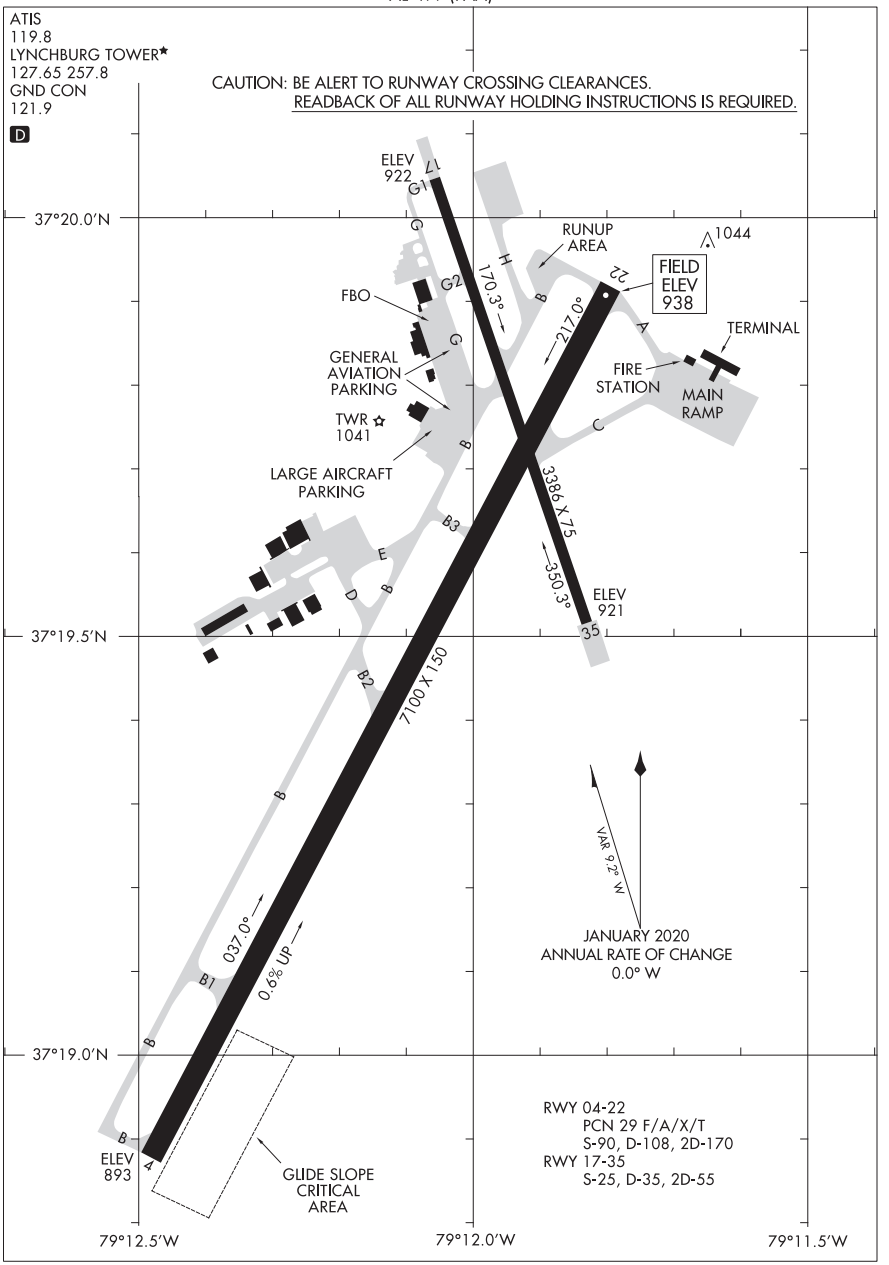
AIRPORT DIAGRAM

22139

LEWISBURG, WEST VIRGINIA
GREENBRIER VALLEY (LWB)

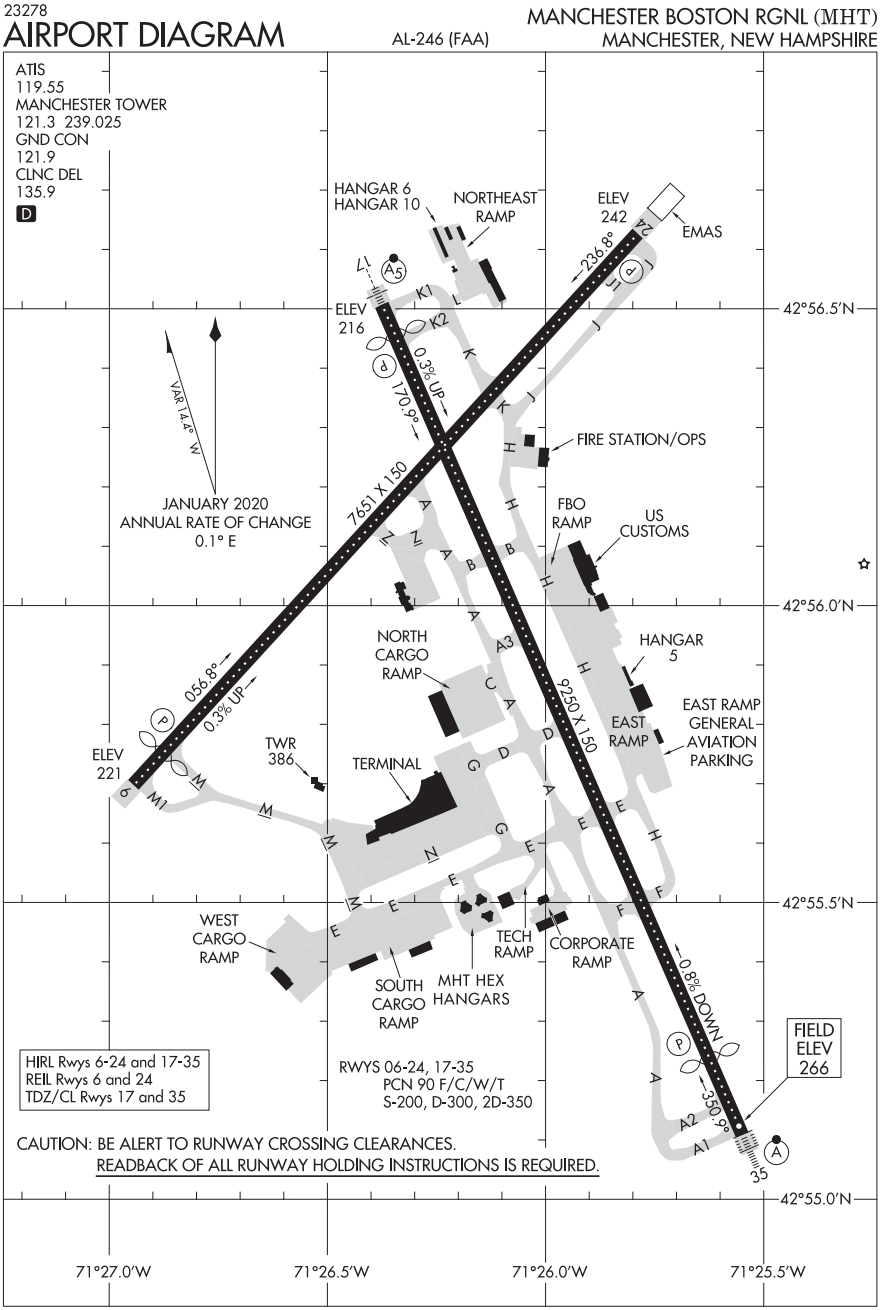
23110
AIRPORT DIAGRAM

LYNCHBURG RGNL/PRESTON GLENN FLD (LYH)
AL-499 (FAA)
LYNCHBURG, VIRGINIA



AIRPORT DIAGRAM
23110

LYNCHBURG, VIRGINIA
LYNCHBURG RGNL/PRESTON GLENN FLD (LYH)


23278
AIRPORT DIAGRAM
AL-246 (FAA)
MANCHESTER BOSTON RGNL (MHT)
MANCHESTER, NEW HAMPSHIRE
ATIS
119.55
MANCHESTER TOWER
121.3 239.025
GND CON
121.9
CLNC DEL
135.9
D
HANGAR 6
HANGAR 10
NORTHEAST RAMP
ELEV 242
EMAS
236.8°
ELEV 216
0.3% UP
170.9°
VAR 14.4° W
JANUARY 2020
ANNUAL RATE OF CHANGE
0.1° E
7651 X 150
FIRE STATION/OPS
FBO RAMP
US CUSTOMS
NORTH CARGO RAMP
HANGAR 5
056.8°
0.3% UP
9250 X 150
EAST RAMP
EAST RAMP GENERAL AVIATION PARKING
ELEV 221
TWR 386
TERMINAL
WEST CARGO RAMP
SOUTH CARGO RAMP
MHT HEX HANGARS
TECH RAMP
CORPORATE RAMP
0.8% DOWN
FIELD ELEV 266
350.9°
HIRL Rwys 6-24 and 17-35
REIL Rwys 6 and 24
TDZ/CL Rwys 17 and 35
RWYS 06-24, 17-35
PCN 90 F/C/W/T
S-200, D-300, 2D-350
CAUTION: BE ALERT TO RUNWAY CROSSING CLEARANCES.
READBACK OF ALL RUNWAY HOLDING INSTRUCTIONS IS REQUIRED.
42°56.5'N
42°56.0'N
42°55.5'N
42°55.0'N
71°27.0'W
71°26.5'W
71°26.0'W
71°25.5'W
AIRPORT DIAGRAM
23278
MANCHESTER, NEW HAMPSHIRE
MANCHESTER BOSTON RGNL (MHT)

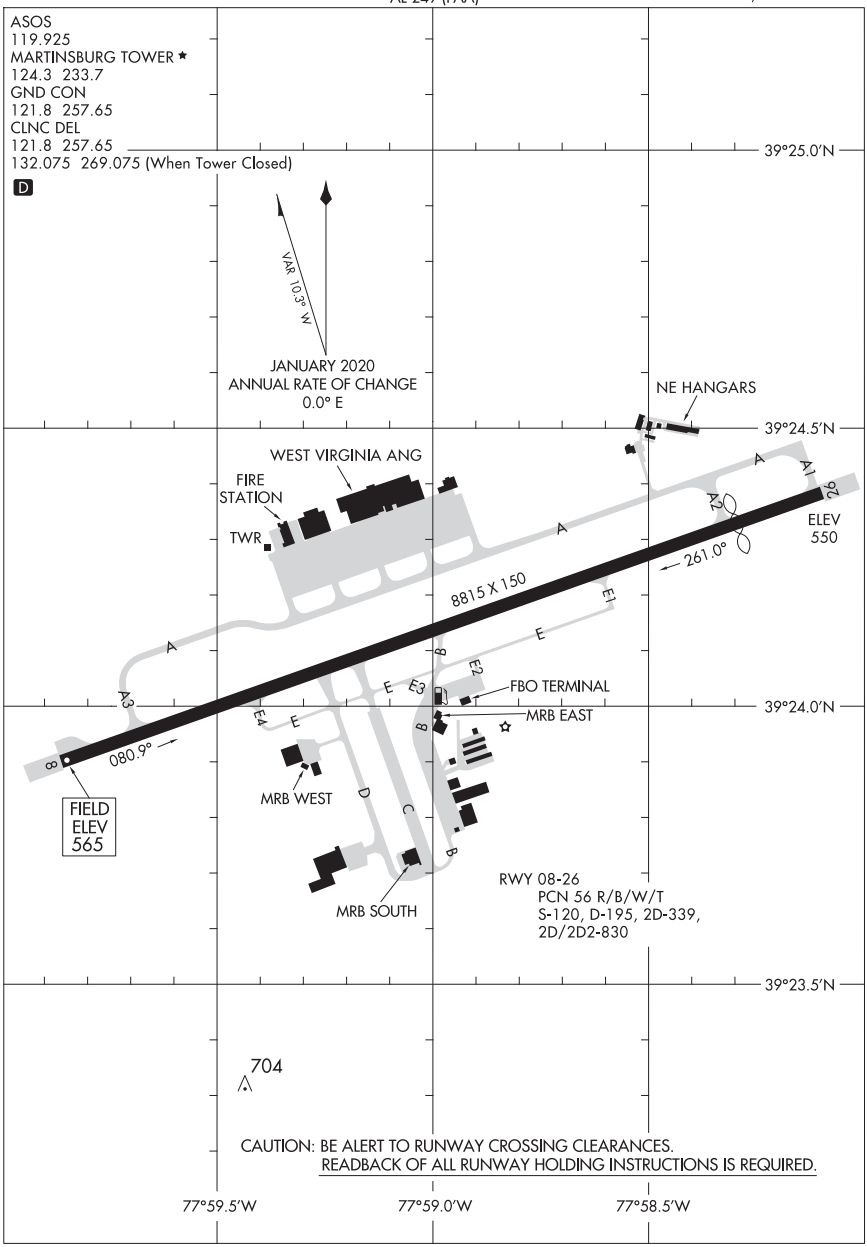
22195

AIRPORT DIAGRAM

EASTERN WV RGNL/SHEPHERD FLD (MRB)

MARTINSBURG, WEST VIRGINIA

AL-249 (FAA)



AIRPORT DIAGRAM
22195
MARTINSBURG, WEST VIRGINIA
EASTERN WV RGNL/SHEPHERD FLD (MRB)

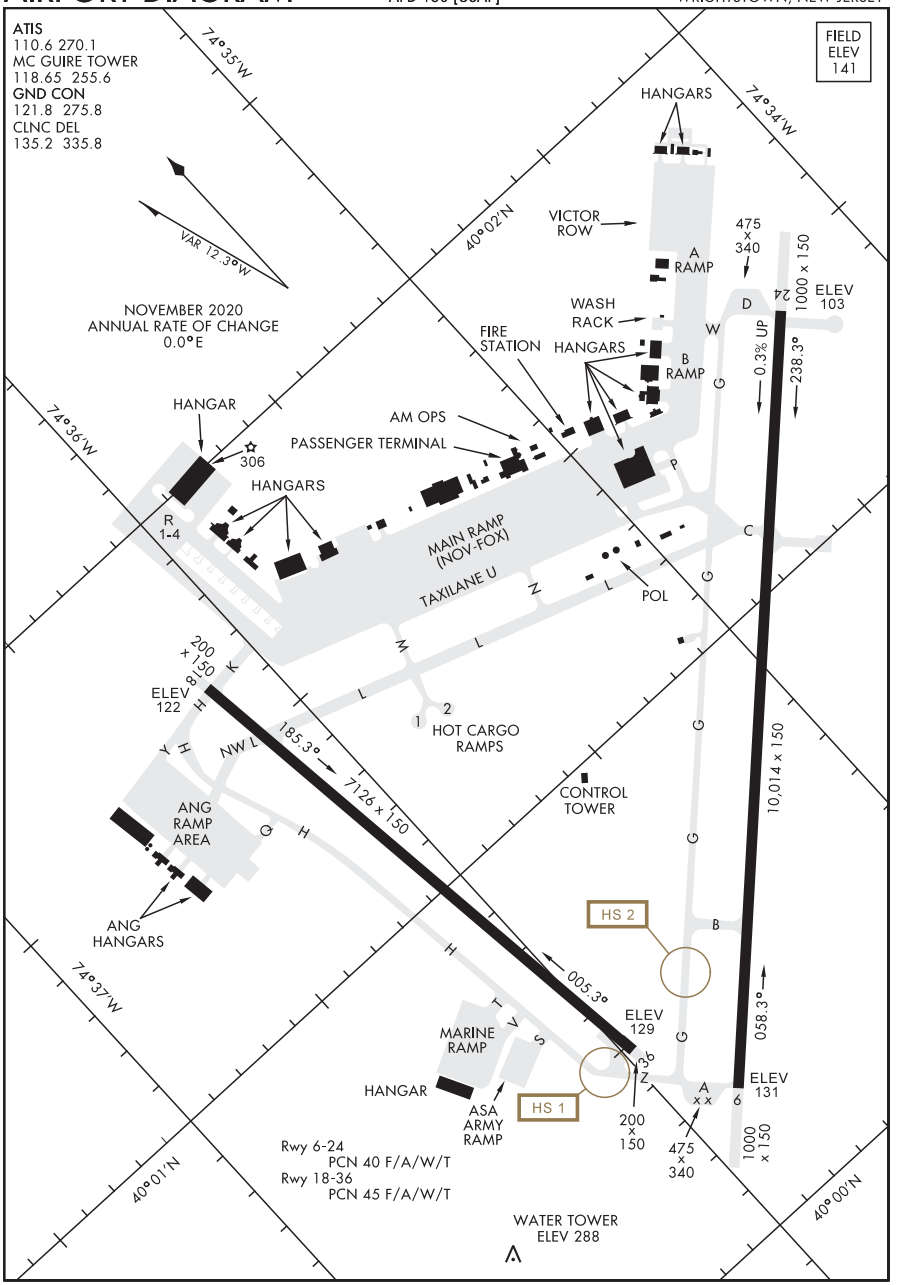
20310

AIRPORT DIAGRAM

MC GUIRE FLD, (JOINT BASE MC GUIRE DIX LAKEHURST) (KWRI)

AFD-150 [USAF]

WRIGHTSTOWN, NEW JERSEY



AIRPORT DIAGRAM

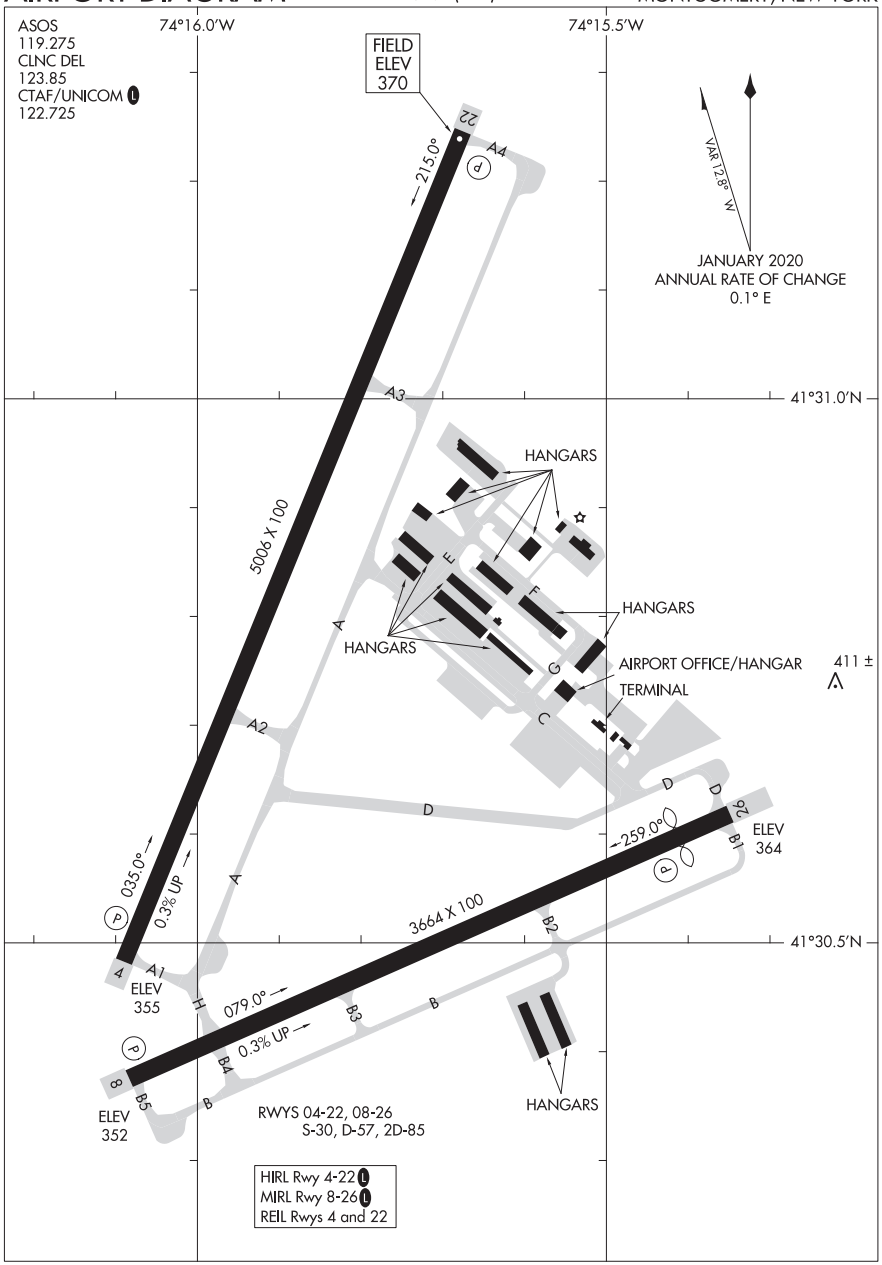
WRIGHTSTOWN, NEW JERSEY

MC GUIRE FLD, (JOINT BASE MC GUIRE DIX LAKEHURST) (KWRI)

23278
AIRPORT DIAGRAM

AL-5264 (FAA)

ORANGE COUNTY (MGJ)
MONTGOMERY, NEW YORK



23278
AIRPORT DIAGRAM

MONTGOMERY, NEW YORK
ORANGE COUNTY (MGJ)

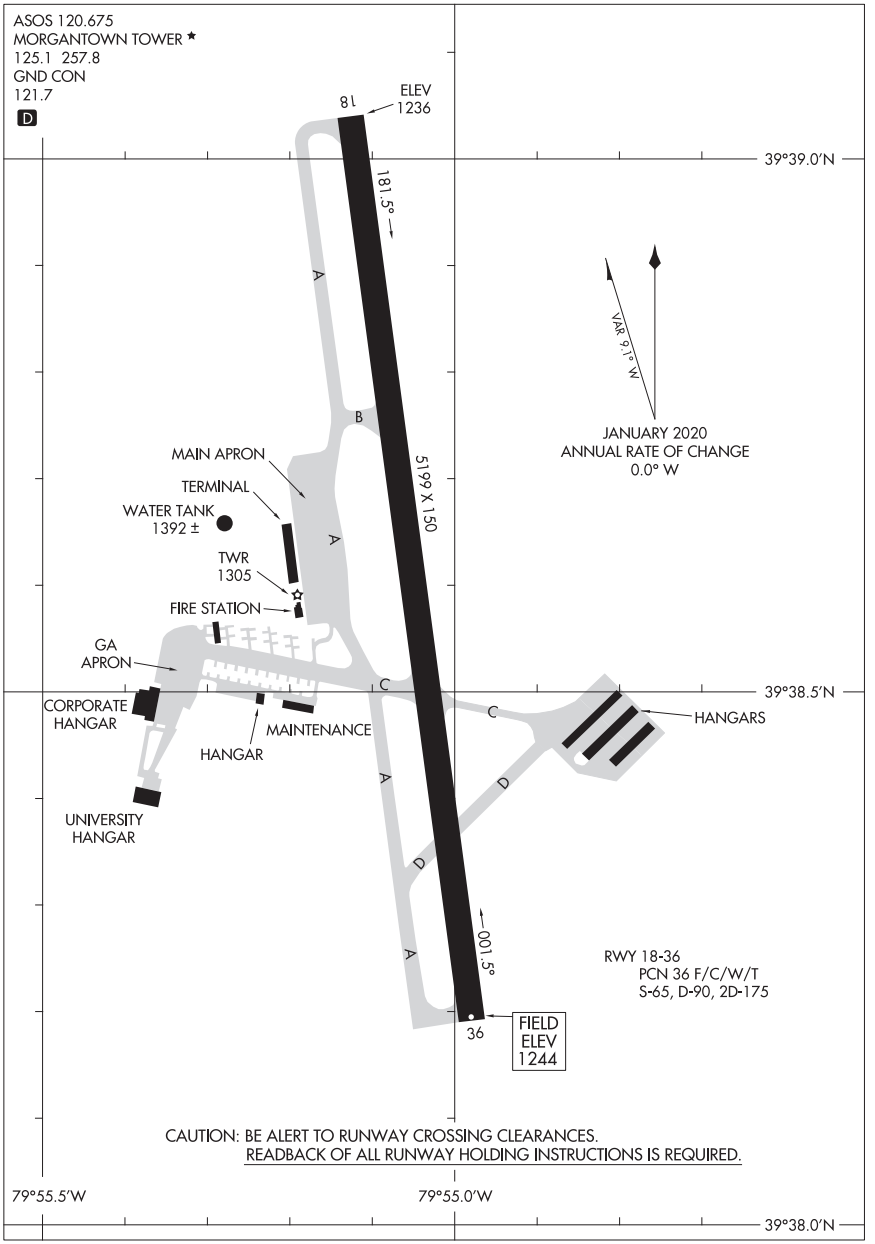
22363

AIRPORT DIAGRAM

MORGANTOWN MUNI/WALTER L BILL HART FLD (MGW)

AL-479 (FAA)

MORGANTOWN, WEST VIRGINIA



AIRPORT DIAGRAM

MORGANTOWN MUNI/WALTER L BILL HART FLD (MGW)

MORGANTOWN, WEST VIRGINIA

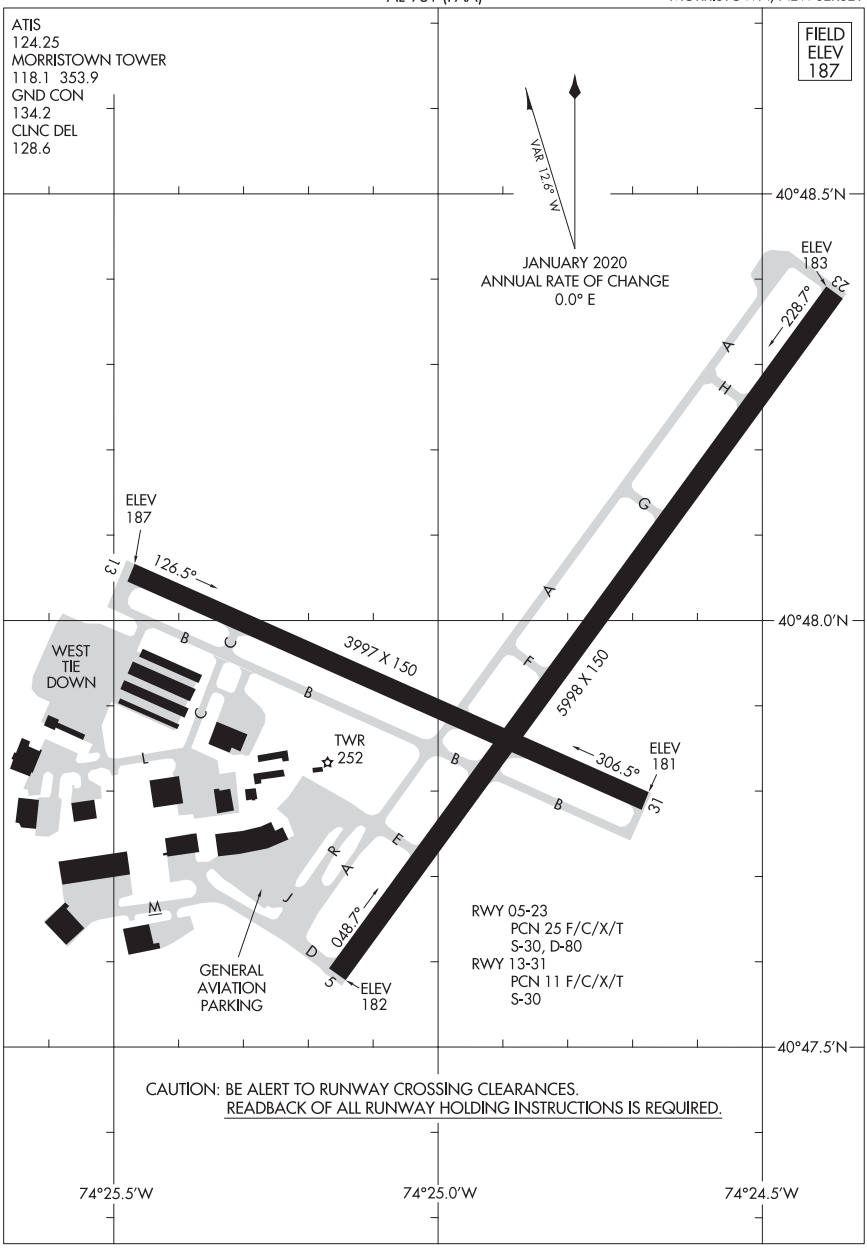
22363

20086

AIRPORT DIAGRAM

AL-931 (FAA)

MORRISTOWN MUNI (MMU)
MORRISTOWN, NEW JERSEY



AIRPORT DIAGRAM

20086

MORRISTOWN, NEW JERSEY
MORRISTOWN MUNI (MMU)

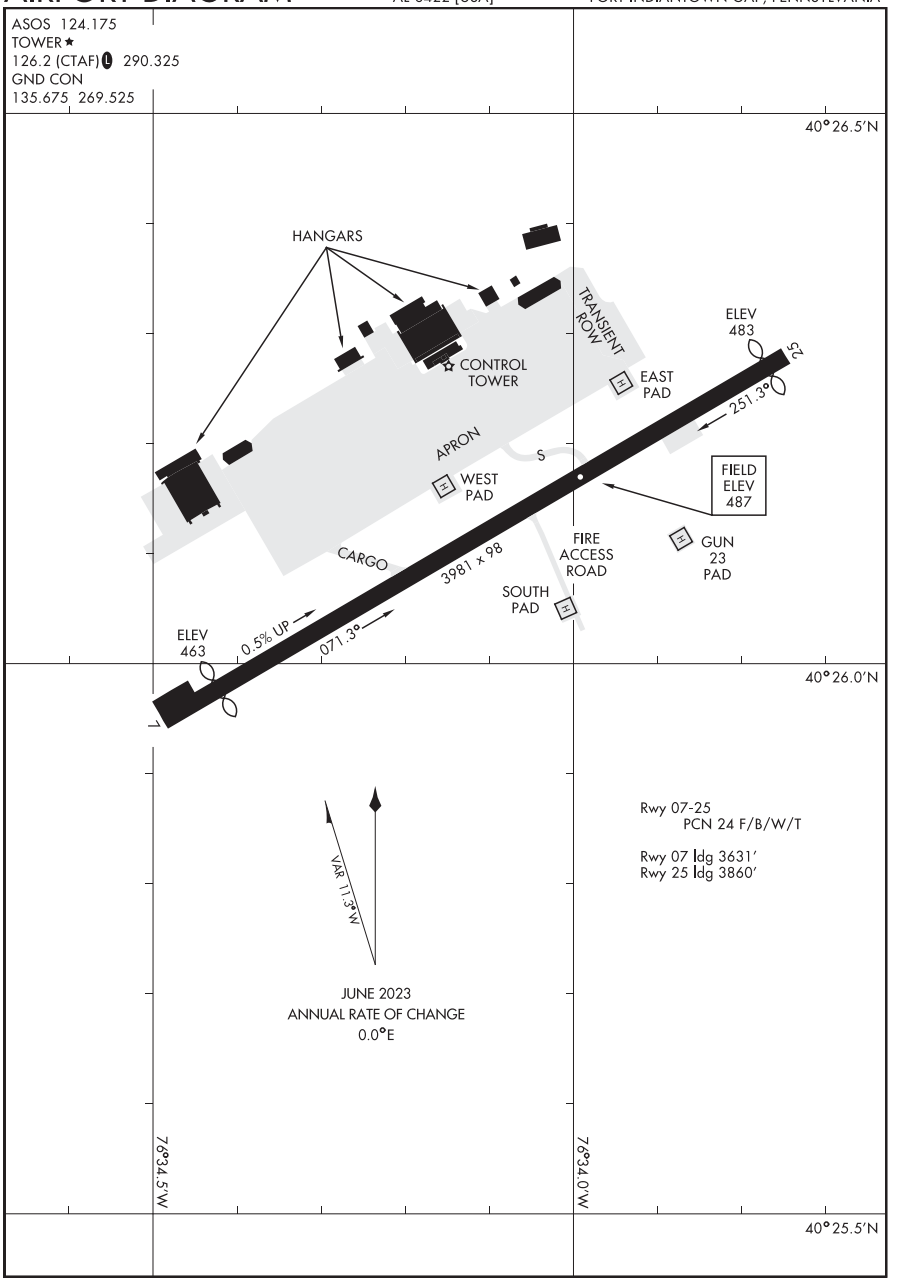
23278

AIRPORT DIAGRAM

AL-6422 [USA]

MUIR AHP (KMUI)

FORT INDIANTOWN GAP, PENNSYLVANIA



AIRPORT DIAGRAM

FORT INDIANTOWN GAP, PENNSYLVANIA

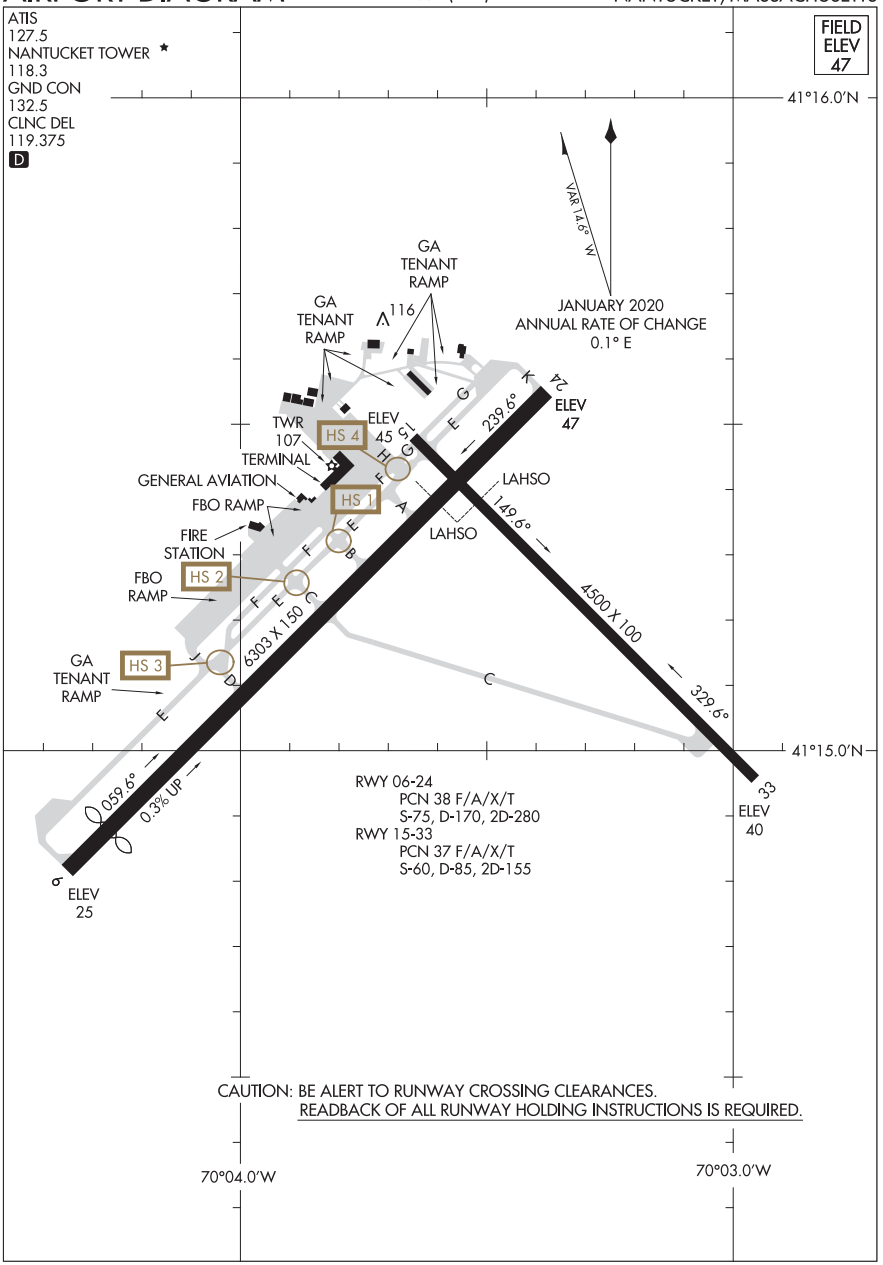
MUIR AHP (KMUI)

23054

AIRPORT DIAGRAM

AL-659 (FAA)

NANTUCKET MEML (ACK)
NANTUCKET, MASSACHUSETTS



AIRPORT DIAGRAM

23054

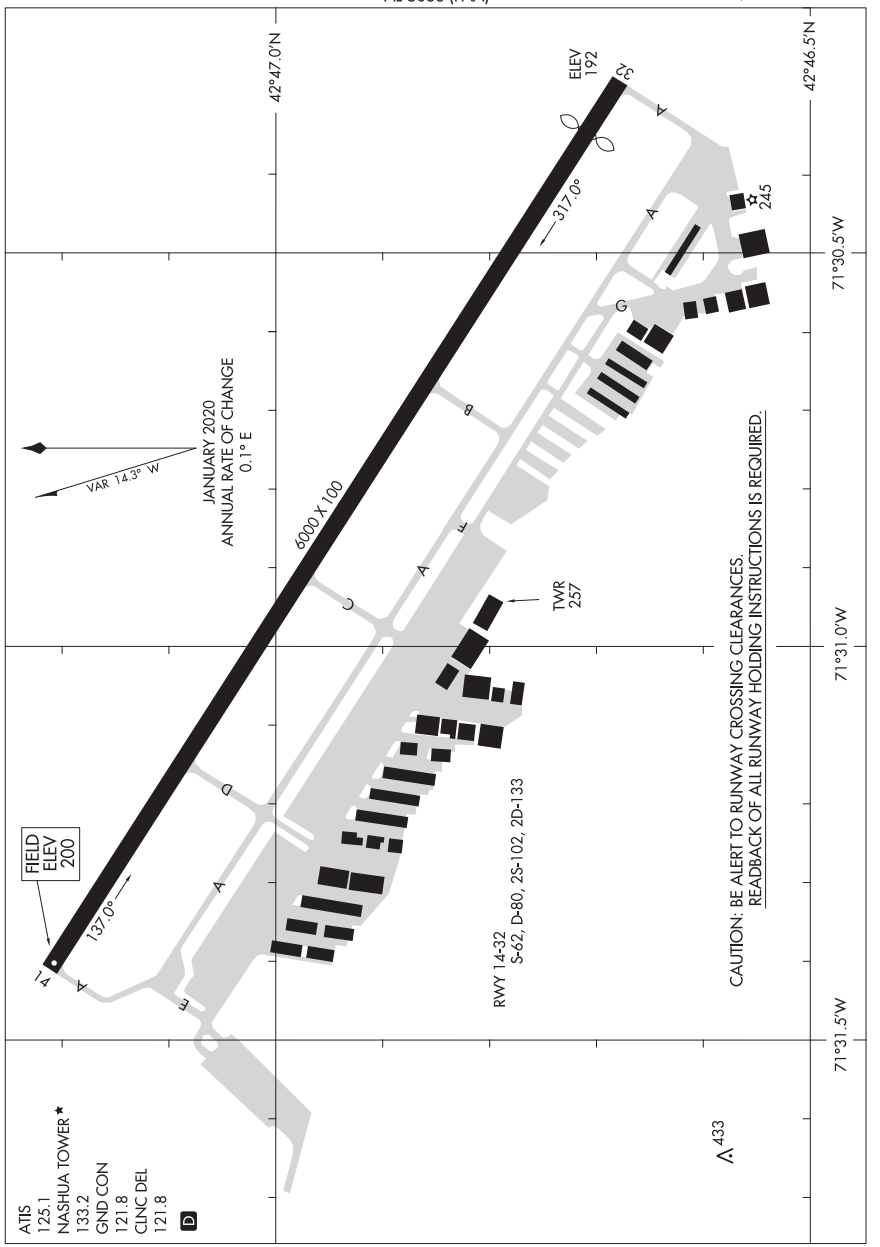
NANTUCKET, MASSACHUSETTS
NANTUCKET MEML (ACK)

22139

AIRPORT DIAGRAM

AL-5036 (FAA)

BOIRE FLD (ASH)
NASHUA, NEW HAMPSHIRE



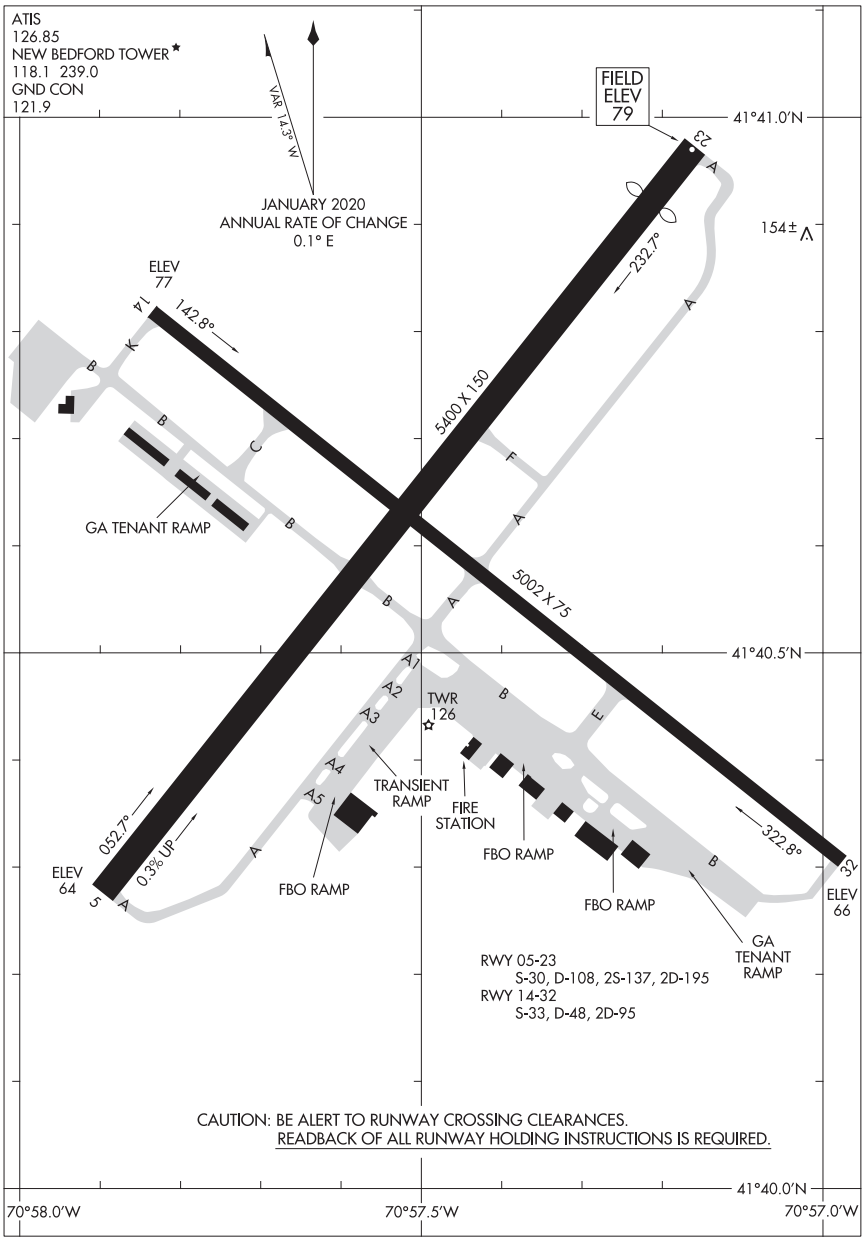
AIRPORT DIAGRAM
22139
NASHUA, NEW HAMPSHIRE
BOIRE FLD (ASH)

21280

AIRPORT DIAGRAM

AL-644 (FAA)

NEW BEDFORD RGNL (EWB)
NEW BEDFORD, MASSACHUSETTS



AIRPORT DIAGRAM

21280

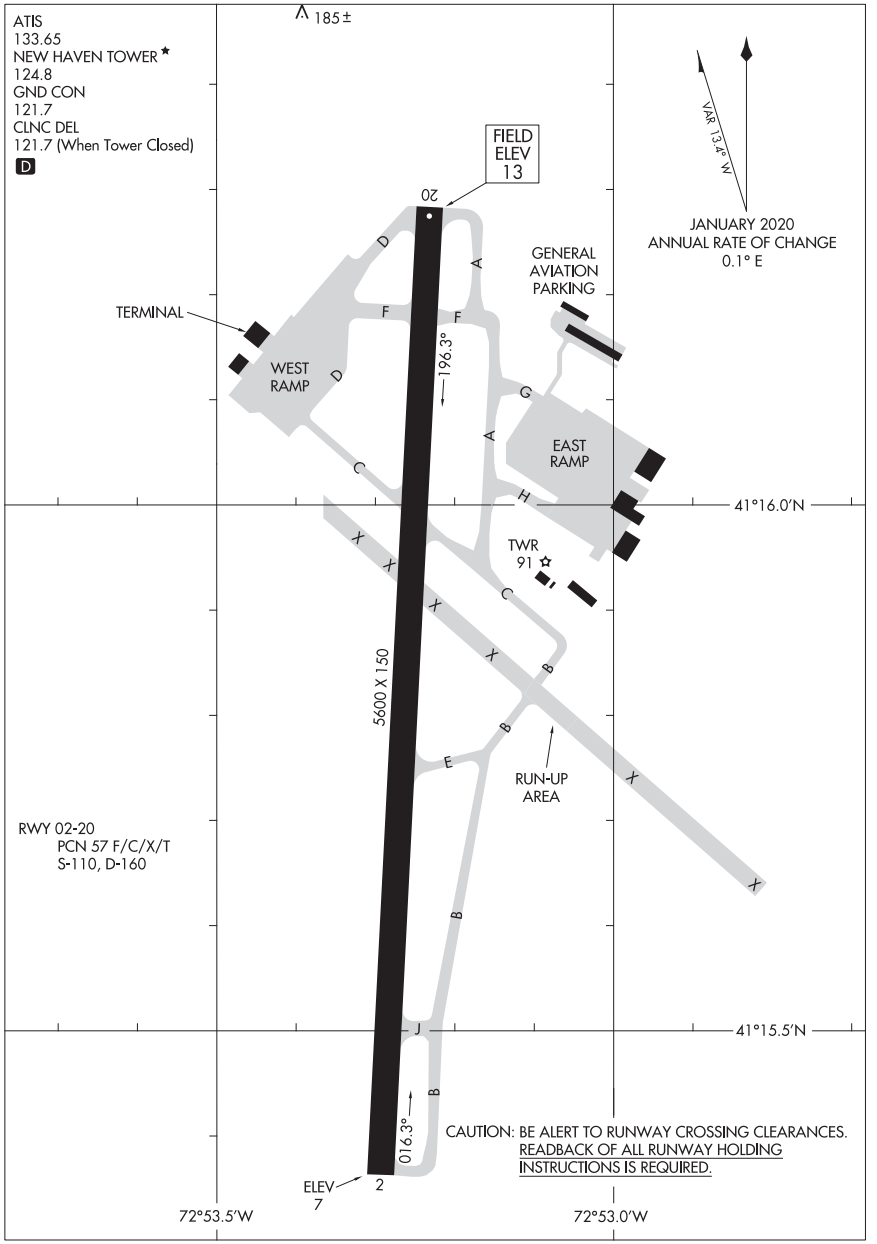
NEW BEDFORD, MASSACHUSETTS
NEW BEDFORD RGNL (EWB)

22307

AIRPORT DIAGRAM

AL-671 (FAA)

TWEED/NEW HAVEN (HVN)
NEW HAVEN, CONNECTICUT



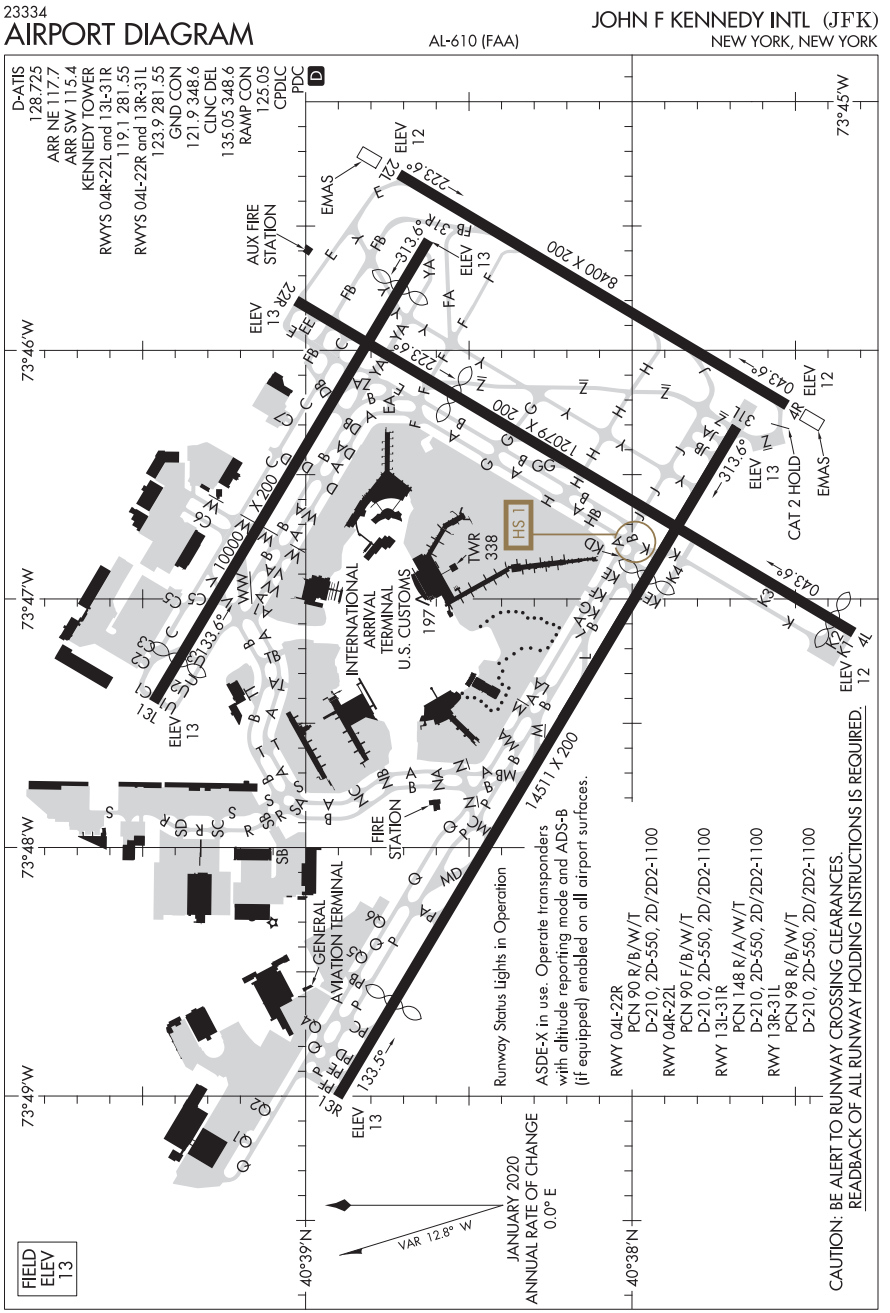
AIRPORT DIAGRAM
22307

NEW HAVEN, CONNECTICUT
TWEED/NEW HAVEN (HVN)

23334
AIRPORT DIAGRAM

AL-610 (FAA)

JOHN F KENNEDY INTL (JFK)
NEW YORK, NEW YORK



AIRPORT DIAGRAM
23334

NEW YORK, NEW YORK
JOHN F KENNEDY INTL (JFK)

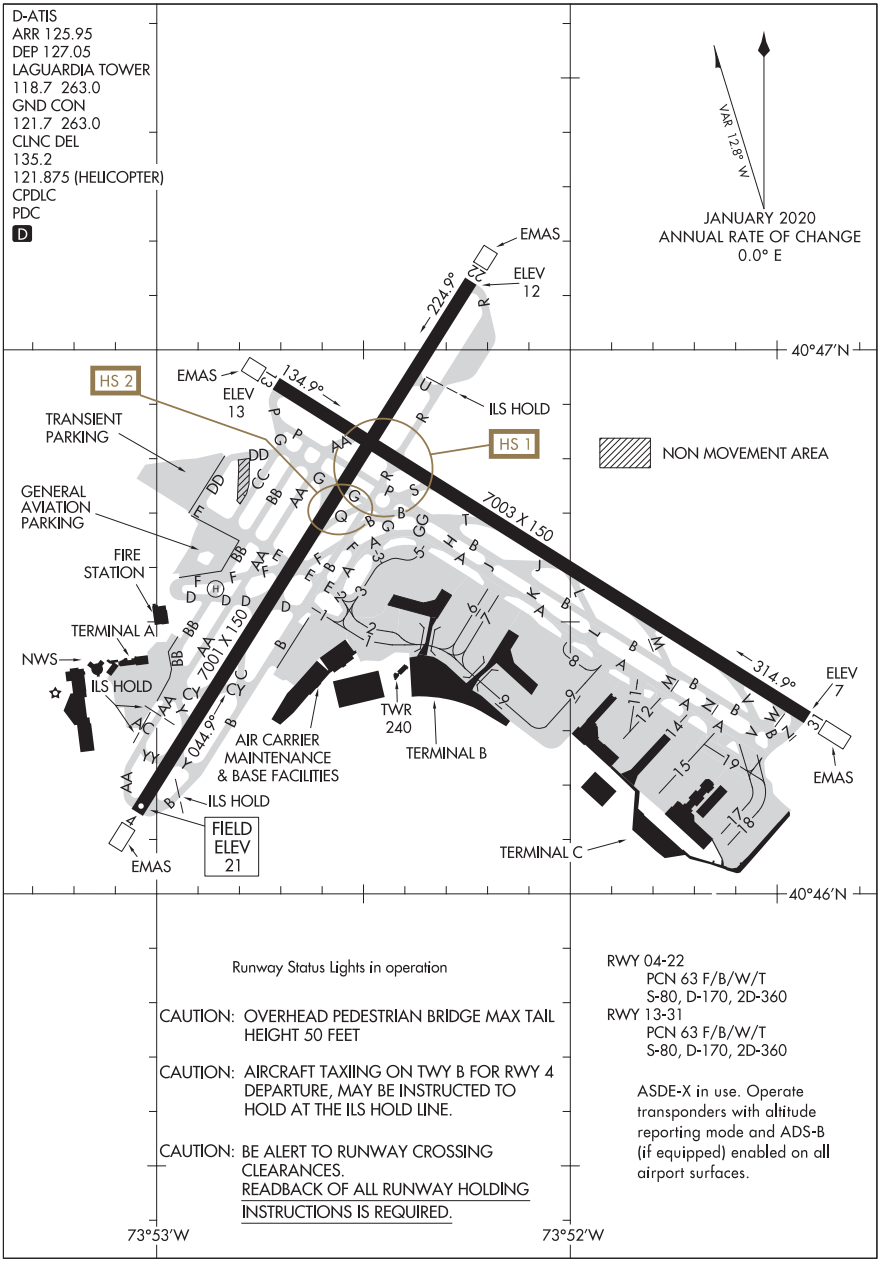
23334

AIRPORT DIAGRAM

AL-289 (FAA)

LAGUARDIA (LGA)

NEW YORK, NEW YORK



Runway Status Lights in operation

CAUTION: OVERHEAD PEDESTRIAN BRIDGE MAX TAIL HEIGHT 50 FEET

CAUTION: AIRCRAFT TAXIING ON TWY B FOR RWY 4 DEPARTURE, MAY BE INSTRUCTED TO HOLD AT THE ILS HOLD LINE.

CAUTION: BE ALERT TO RUNWAY CROSSING CLEARANCES.
READBACK OF ALL RUNWAY HOLDING INSTRUCTIONS IS REQUIRED.

RWY 04-22
PCN 63 F/B/W/T
S-80, D-170, 2D-360
RWY 13-31
PCN 63 F/B/W/T
S-80, D-170, 2D-360

ASDE-X in use. Operate transponders with altitude reporting mode and ADS-B (if equipped) enabled on all airport surfaces.

AIRPORT DIAGRAM
23334
NEW YORK, NEW YORK
LAGUARDIA (LGA)

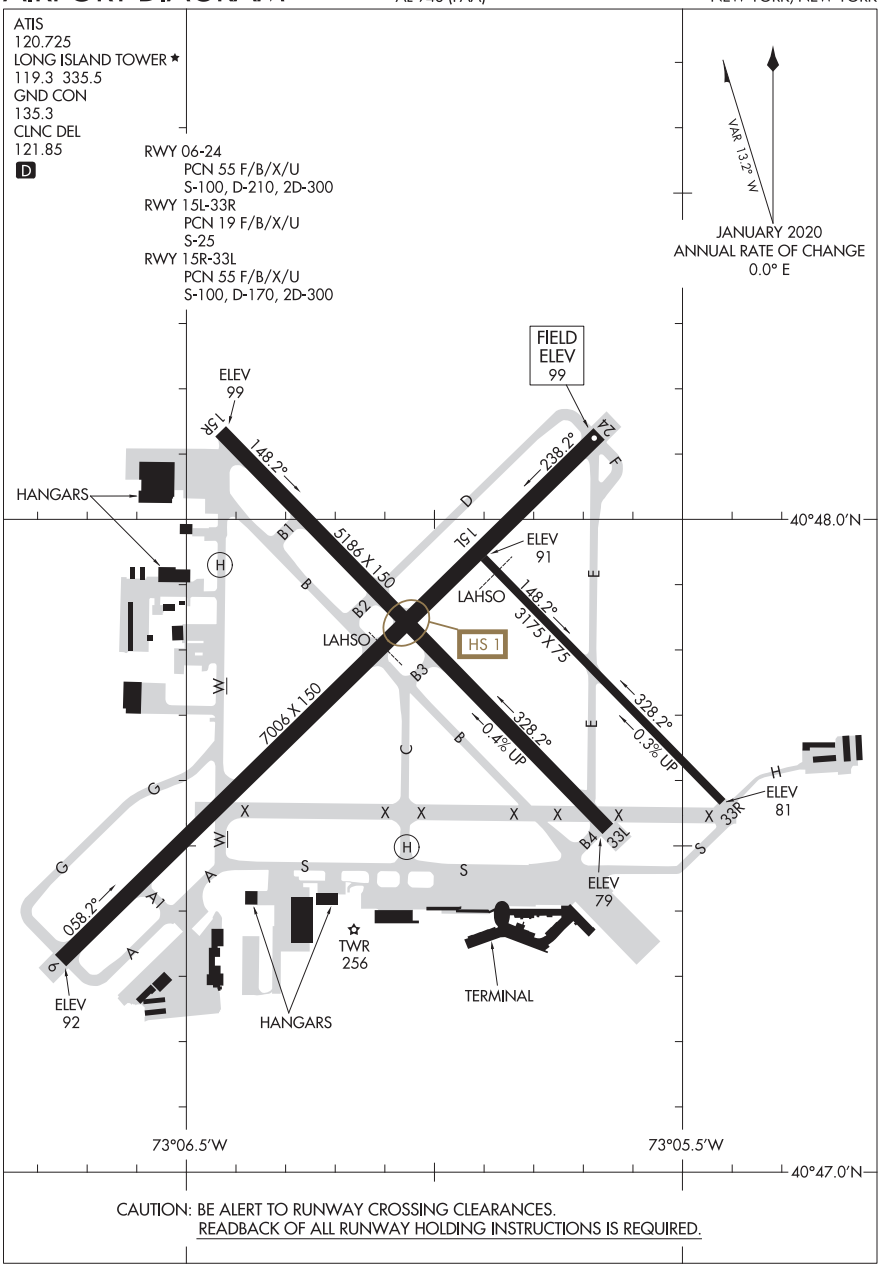
23222

AIRPORT DIAGRAM

AL-948 (FAA)

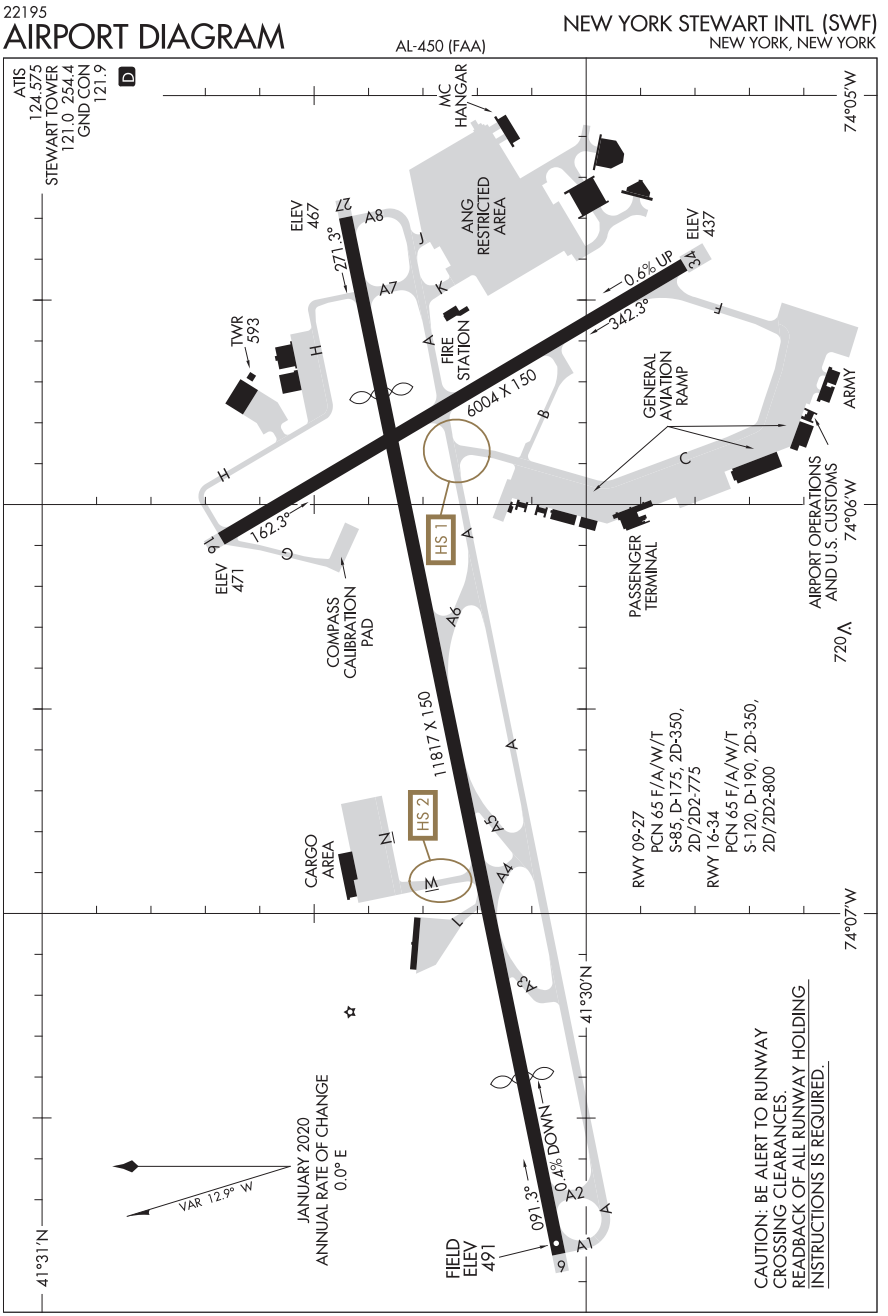
LONG ISLAND MAC ARTHUR (ISP)

NEW YORK, NEW YORK



CAUTION: BE ALERT TO RUNWAY CROSSING CLEARANCES.
READBACK OF ALL RUNWAY HOLDING INSTRUCTIONS IS REQUIRED.

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)
ATIS
124.575
STEWART TOWER
121.0 254.4
GND CON
121.9
MC HANGAR
ANG RESTRICTED AREA
ELEV 467
ELEV 437
TWR 593
FIRE STATION
GENERAL AVIATION RAMP
ARMY
AIRPORT OPERATIONS AND U.S. CUSTOMS
PASSENGER TERMINAL
COMPASS CALIBRATION PAD
ELEV 471
CARGO AREA
HS 1
HS 2
6004 X 150
11817 X 150
271.3°
342.3°
162.3°
091.3°
0.6% UP
0.4% DOWN
720
74°05'W
74°06'W
74°07'W
41°30'N
41°31'N
RWY 09-27
PCN 65 F/A/W/T
S-85, D-175, 2D-350,
2D/2D2-775
RWY 16-34
PCN 65 F/A/W/T
S-120, D-190, 2D-350,
2D/2D2-800
CAUTION: BE ALERT TO RUNWAY
CROSSING CLEARANCES.
READBACK OF ALL RUNWAY HOLDING
INSTRUCTIONS IS REQUIRED.
VAR 12.9° W
JANUARY 2020
ANNUAL RATE OF CHANGE
0.0° E
FIELD ELEV 491
AIRPORT DIAGRAM
22195
NEW YORK, NEW YORK
NEW YORK STEWART INTL (SWF)

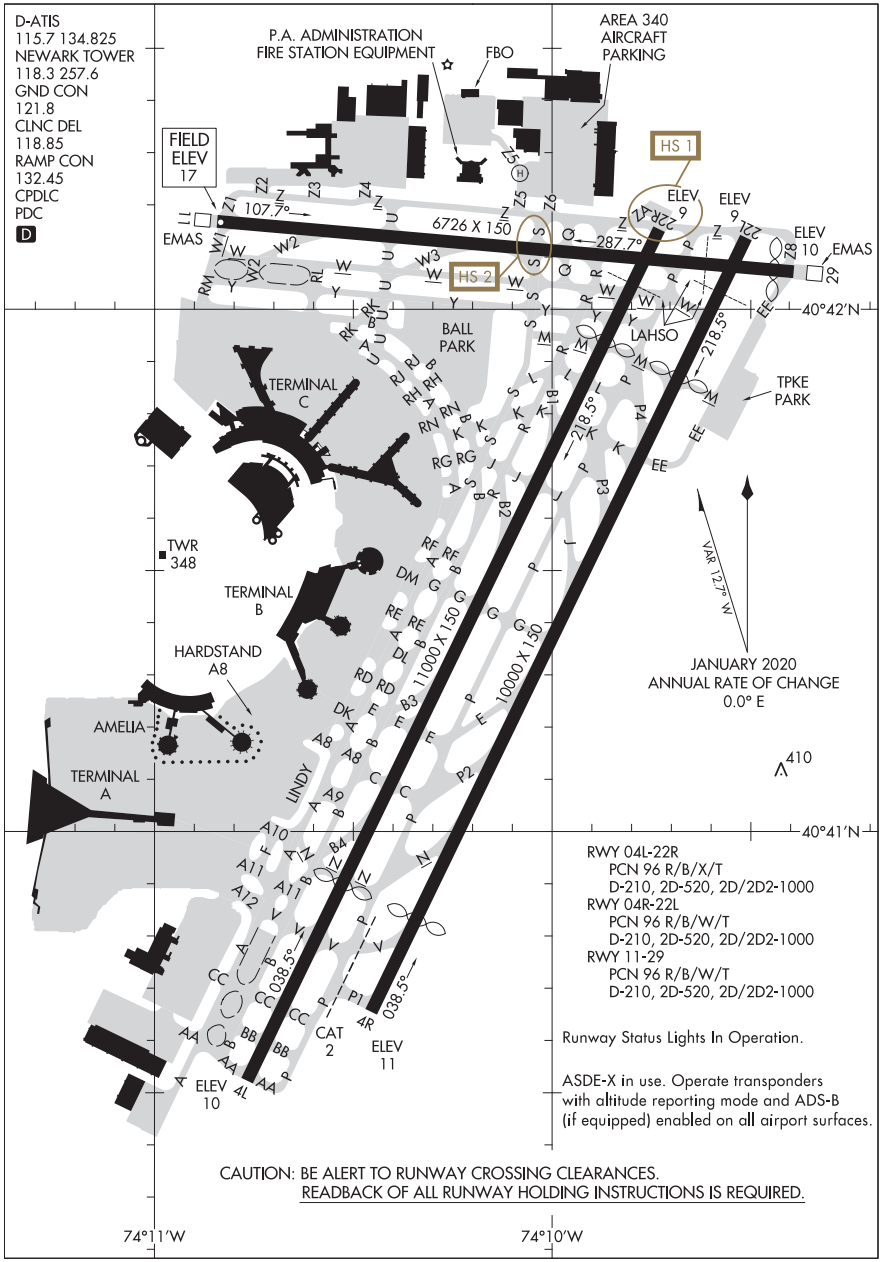
23278

AIRPORT DIAGRAM

AL-285 (FAA)

NEWARK LIBERTY INTL (EWR)

NEWARK, NEW JERSEY



AIRPORT DIAGRAM

23278

NEWARK, NEW JERSEY

NEWARK LIBERTY INTL (EWR)

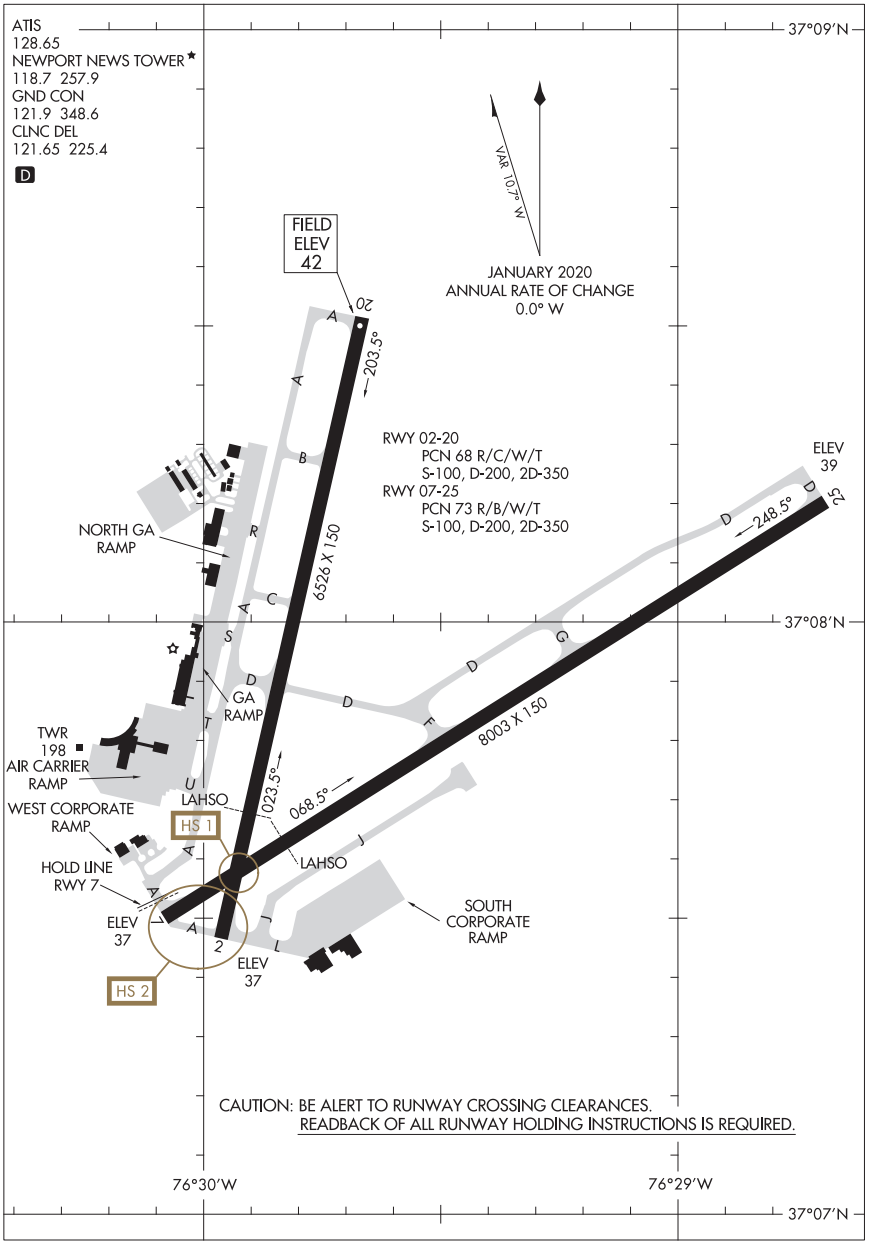
23222

AIRPORT DIAGRAM

NEWPORT NEWS/WILLIAMSBURG INTL (PHF)

AL-957 (FAA)

NEWPORT NEWS, VIRGINIA



AIRPORT DIAGRAM

23222

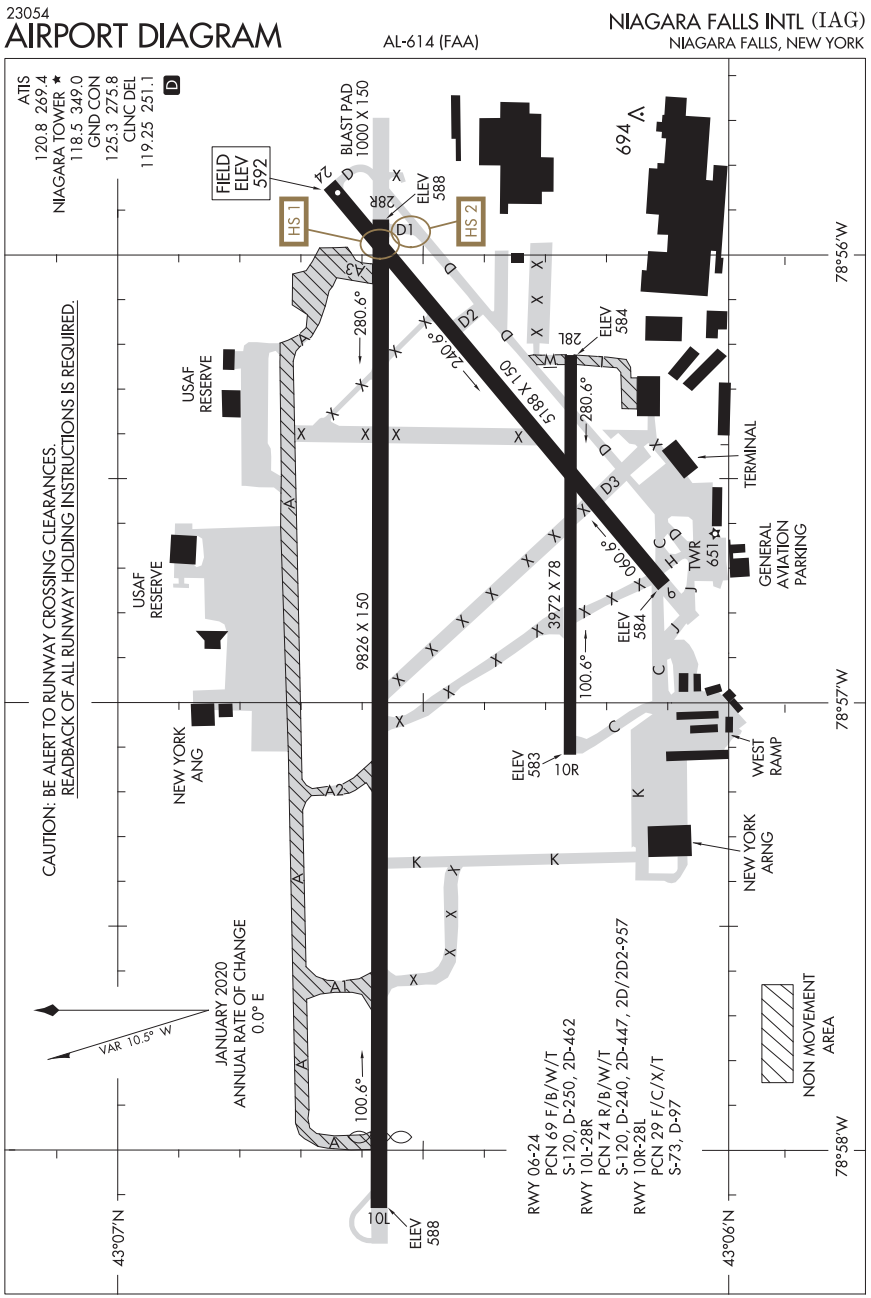
NEWPORT NEWS, VIRGINIA

NEWPORT NEWS/WILLIAMSBURG INTL (PHF)

23054
AIRPORT DIAGRAM

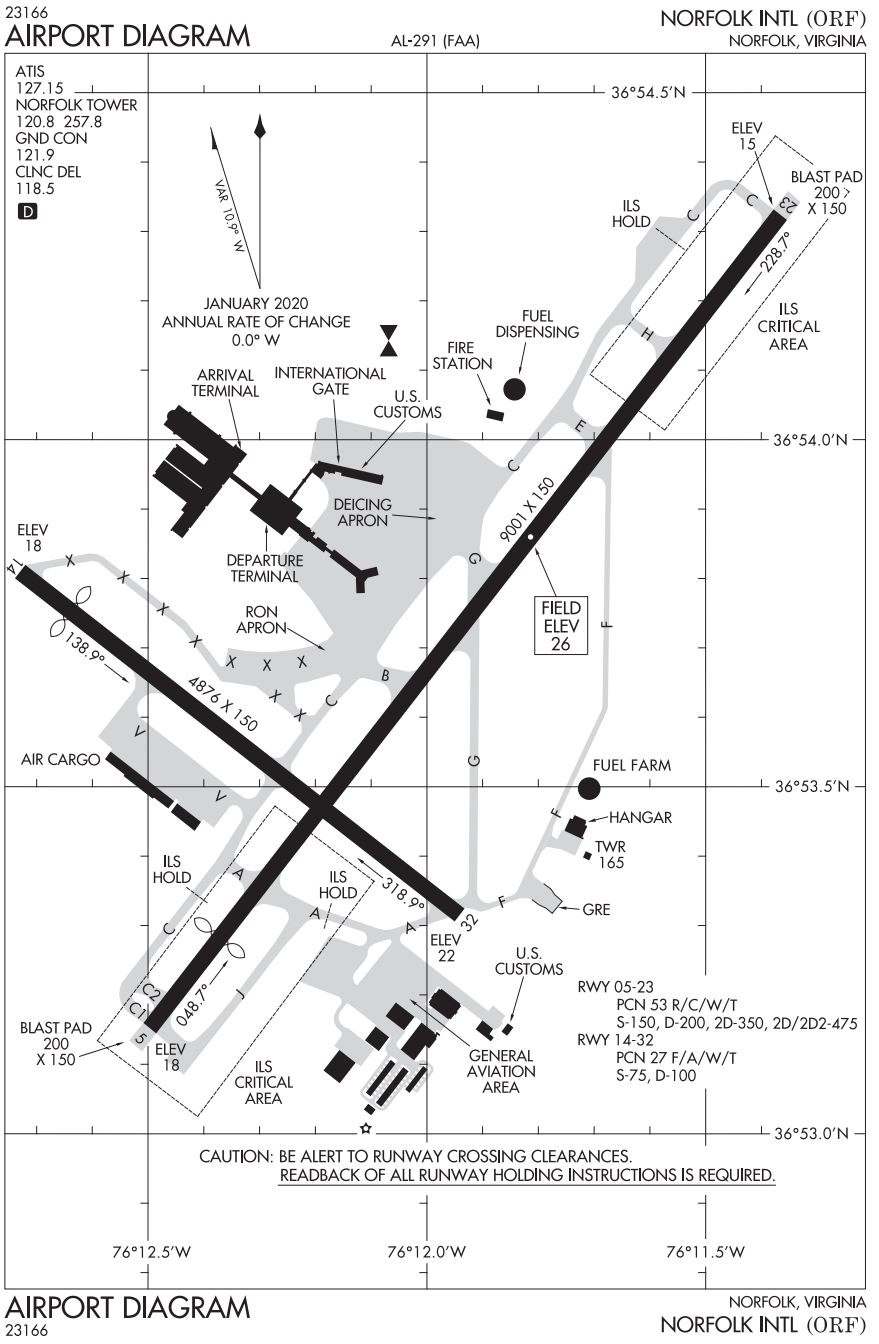
AL-614 (FAA)

NIAGARA FALLS INTL (IAG)
NIAGARA FALLS, NEW YORK



AIRPORT DIAGRAM
23054

NIAGARA FALLS, NEW YORK
NIAGARA FALLS INTL (IAG)


23166
AIRPORT DIAGRAM
AL-291 (FAA)
NORFOLK INTL (ORF)
NORFOLK, VIRGINIA
ATIS
127.15
NORFOLK TOWER
120.8 257.8
GND CON
121.9
CLNC DEL
118.5
D
VAR 10.9° W
JANUARY 2020
ANNUAL RATE OF CHANGE
0.0° W
36°54.5'N
ELEV
15
BLAST PAD
200 X 150
ILS
HOLD
228.7°
ILS
CRITICAL
AREA
FUEL
DISPENSING
FIRE
STATION
ARRIVAL
TERMINAL
INTERNATIONAL
GATE
U.S.
CUSTOMS
36°54.0'N
DEICING
APRON
9001 X 150
ELEV
18
DEPARTURE
TERMINAL
RON
APRON
FIELD
ELEV
26
138.9°
4876 X 150
AIR CARGO
FUEL FARM
36°53.5'N
HANGAR
TWR
165
ILS
HOLD
ILS
HOLD
318.9°
GRE
ELEV
22
U.S.
CUSTOMS
048.7°
BLAST PAD
200
X 150
ELEV
18
ILS
CRITICAL
AREA
GENERAL
AVIATION
AREA
RWY 05-23
PCN 53 R/C/W/T
S-150, D-200, 2D-350, 2D/2D2-475
RWY 14-32
PCN 27 F/A/W/T
S-75, D-100
36°53.0'N
CAUTION: BE ALERT TO RUNWAY CROSSING CLEARANCES.
READBACK OF ALL RUNWAY HOLDING INSTRUCTIONS IS REQUIRED.
76°12.5'W
76°12.0'W
76°11.5'W
AIRPORT DIAGRAM
23166
NORFOLK, VIRGINIA
NORFOLK INTL (ORF)

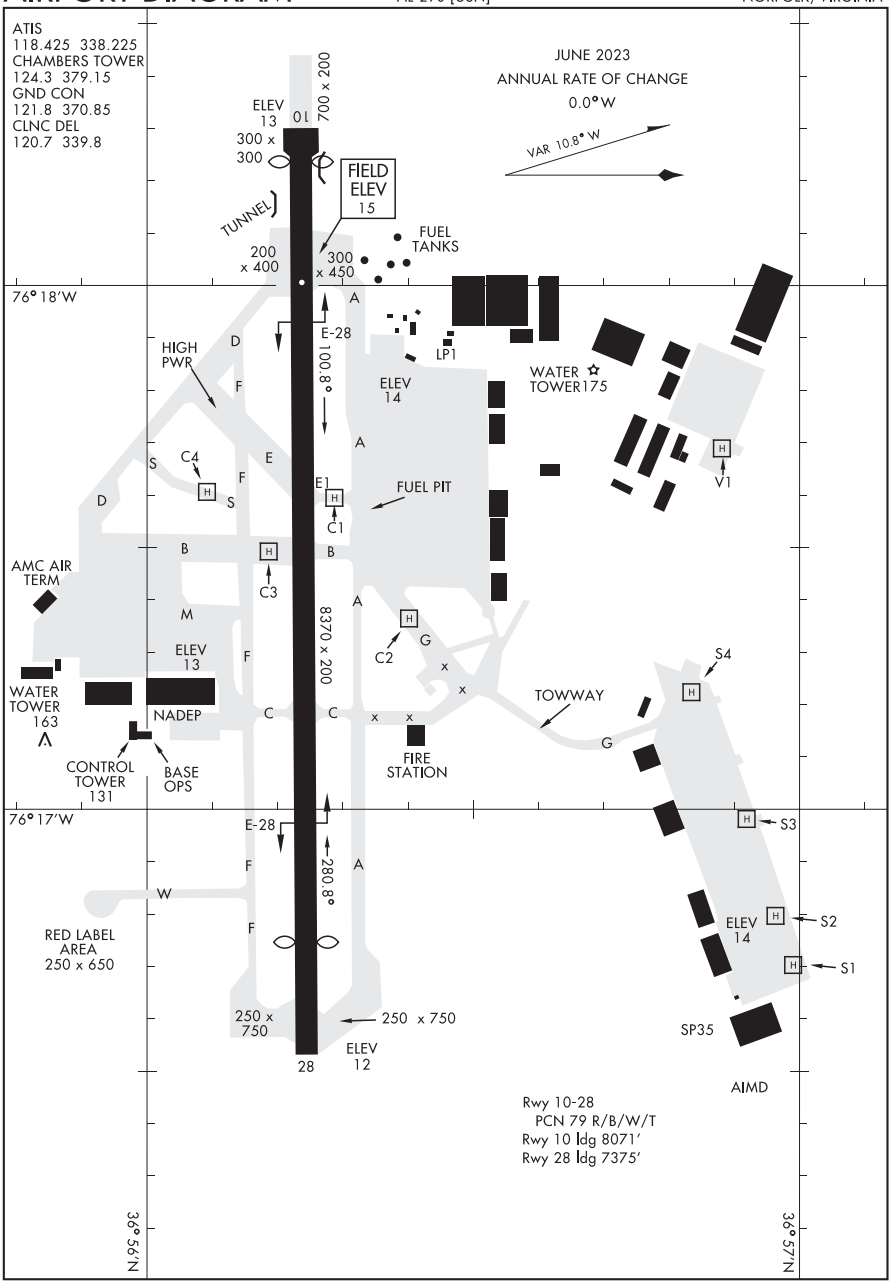
23166

AIRPORT DIAGRAM

NORFOLK NS (CHAMBERS FIELD) (KNGU)

AL-290 [USN]

NORFOLK, VIRGINIA



AIRPORT DIAGRAM

NORFOLK, VIRGINIA

NORFOLK NS (CHAMBERS FIELD) (KNGU)

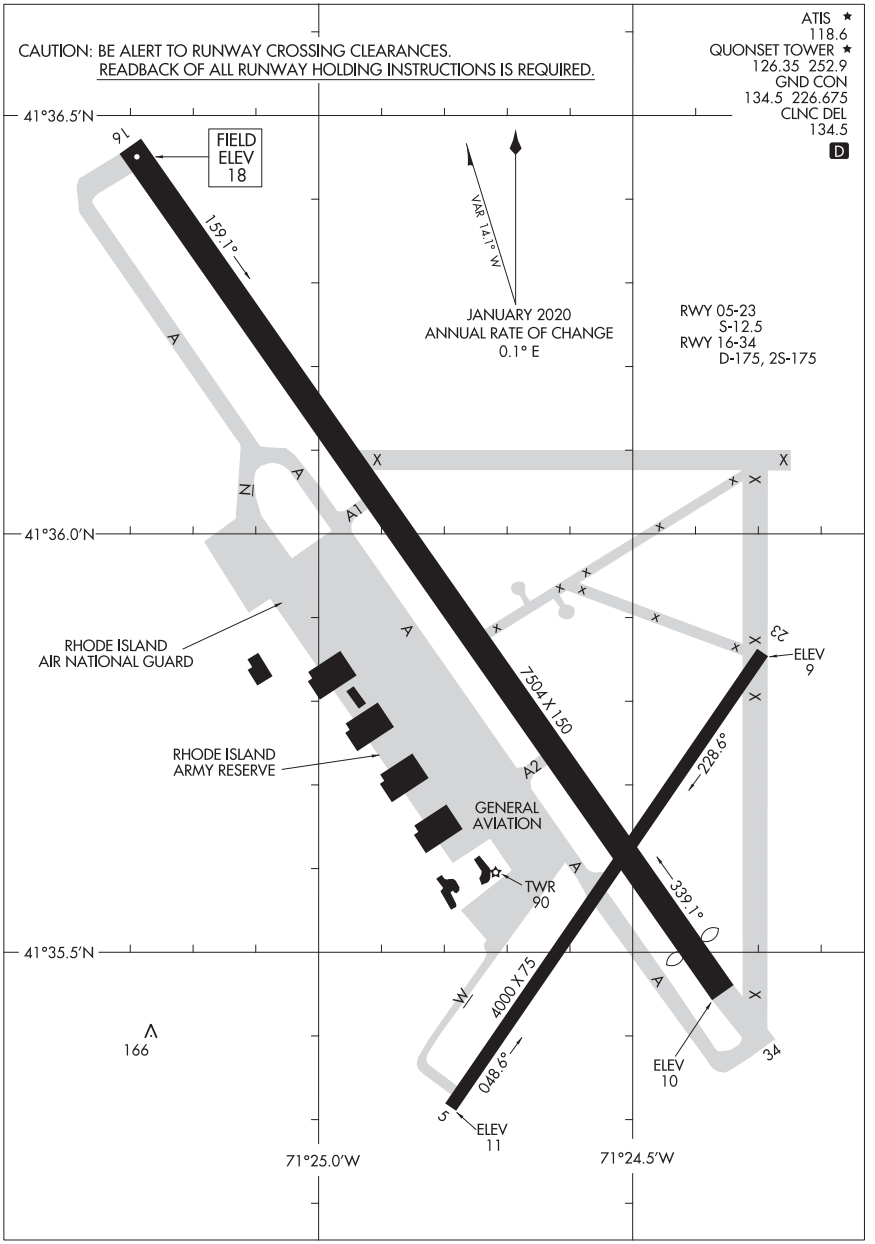
23054

AIRPORT DIAGRAM

AL-338 (FAA)

QUONSET STATE (OQU)

NORTH KINGSTOWN, RHODE ISLAND



AIRPORT DIAGRAM

23054

NORTH KINGSTOWN, RHODE ISLAND

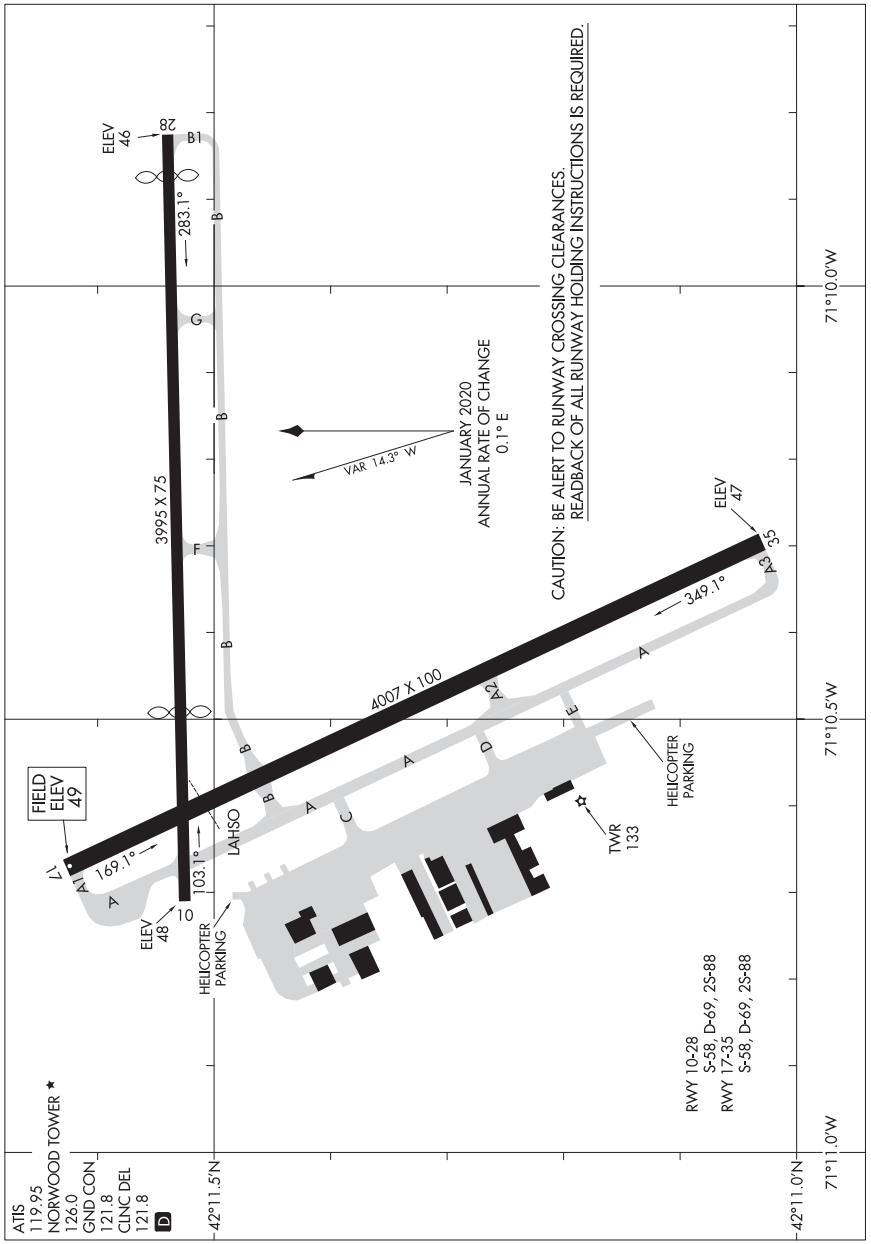
QUONSET STATE (OQU)

23334

AIRPORT DIAGRAM

AL-725 (FAA)

NORWOOD MEML (OWD)
NORWOOD, MASSACHUSETTS



AIRPORT DIAGRAM

23334

NORWOOD, MASSACHUSETTS
NORWOOD MEML (OWD)

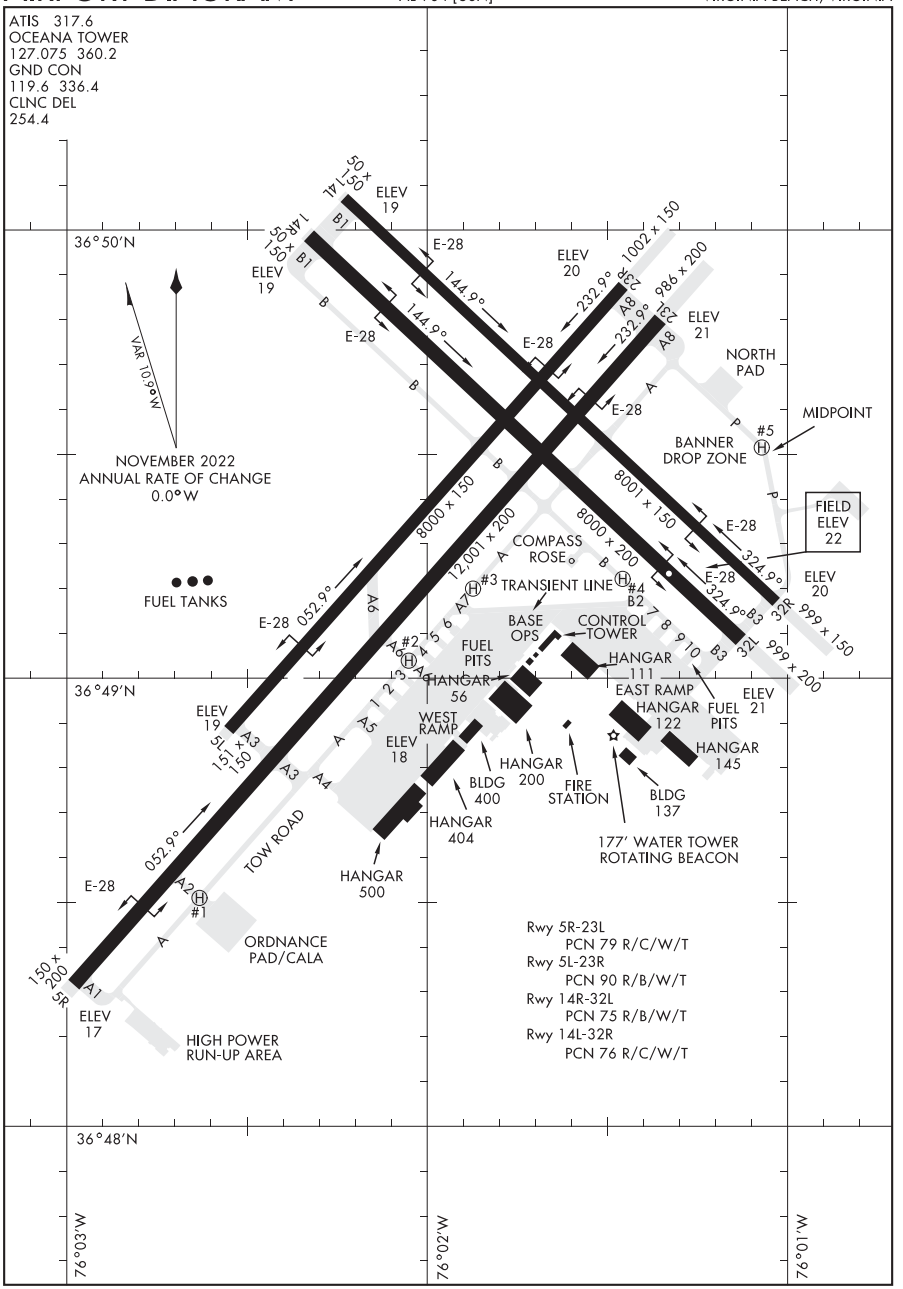
22307

AIRPORT DIAGRAM

OCEANA NAS (APOLLO SOUCEK FLD) (KNTU)

AL-934 [USN]

VIRGINIA BEACH, VIRGINIA



AIRPORT DIAGRAM

VIRGINIA BEACH, VIRGINIA

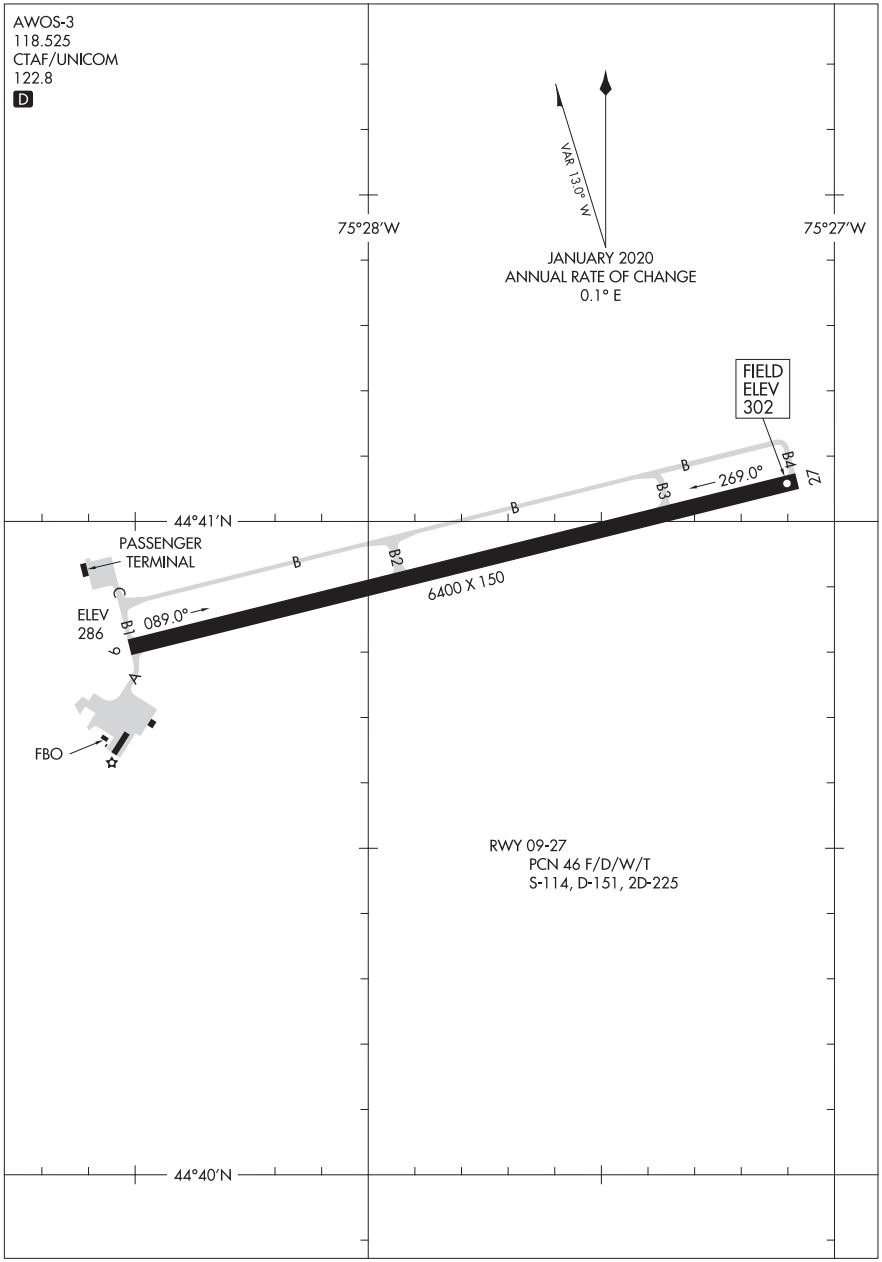
OCEANA NAS (APOLLO SOUCEK FLD) (KNTU)

21224

AIRPORT DIAGRAM

AL-5207 (FAA)

OGDENSBURG INTL (OGS)
OGDENSBURG, NEW YORK



AIRPORT DIAGRAM
21224

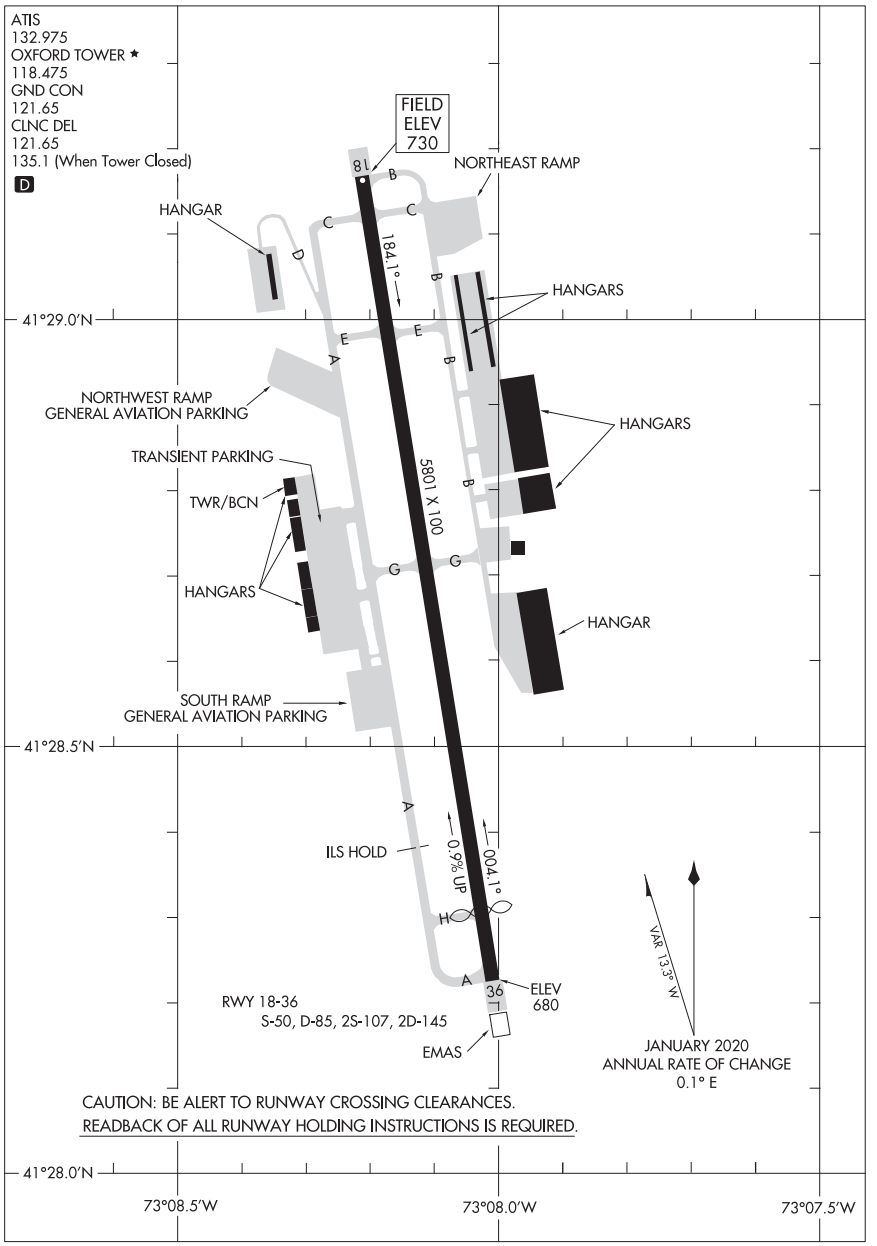
OGDENSBURG, NEW YORK
OGDENSBURG INTL (OGS)

20086

AIRPORT DIAGRAM

AL-5785 (FAA)

WATERBURY-OXFORD (OXC)
OXFORD, CONNECTICUT



AIRPORT DIAGRAM

20086

OXFORD, CONNECTICUT
WATERBURY-OXFORD (OXC)

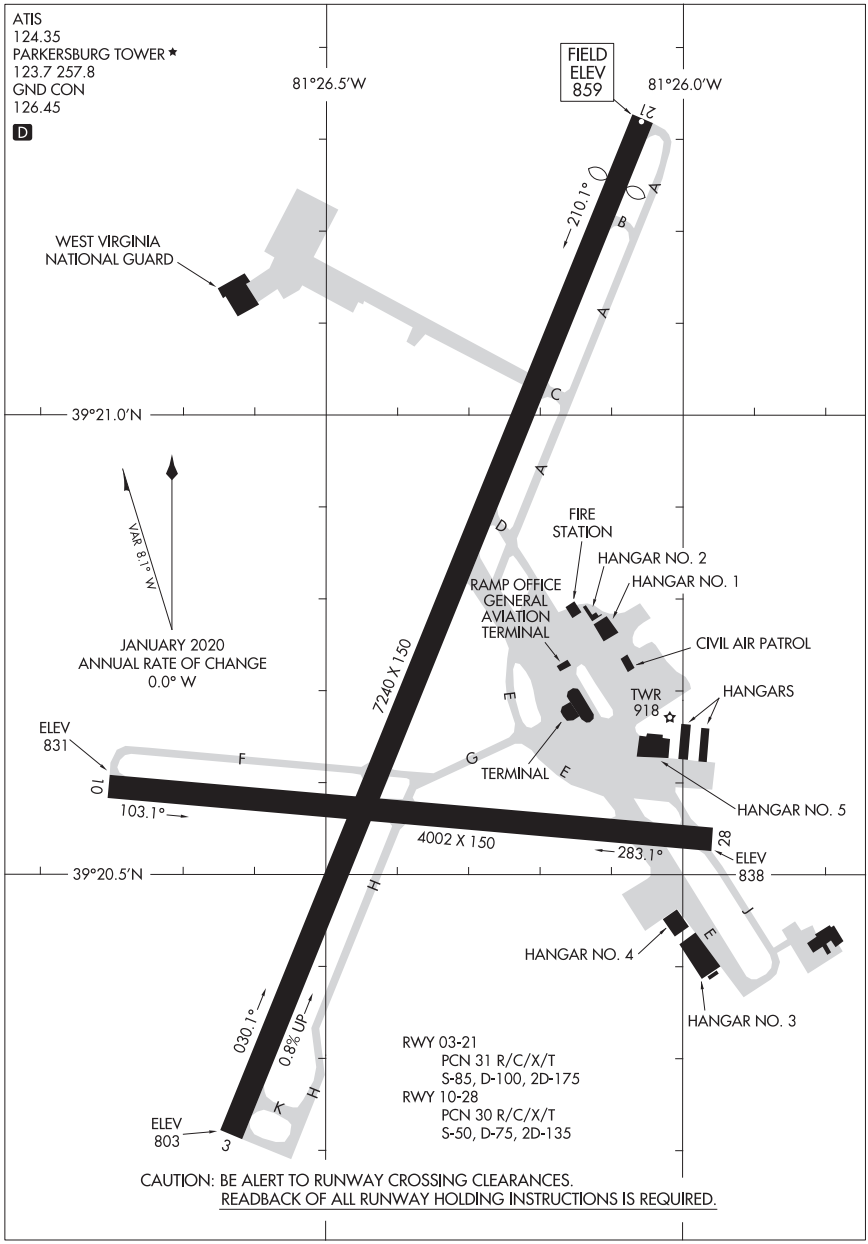
23110

AIRPORT DIAGRAM

AL-646 (FAA)

MID-OHIO VALLEY RGNL (PKB)

PARKERSBURG, WEST VIRGINIA



AIRPORT DIAGRAM
23110
PARKERSBURG, WEST VIRGINIA
MID-OHIO VALLEY RGNL (PKB)

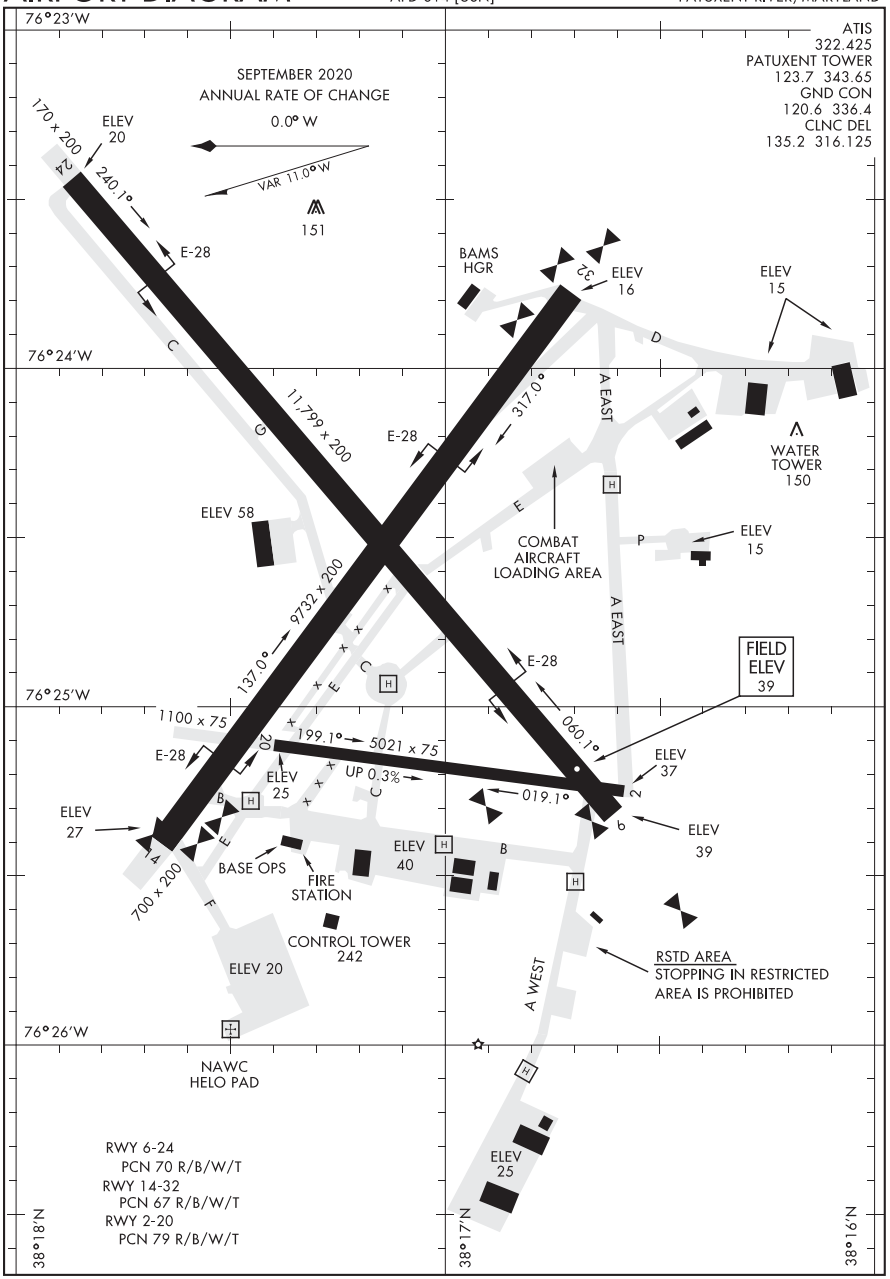
20254

AIRPORT DIAGRAM

PATUXENT RIVER NAS (TRAPNELL FIELD) (KNHK)

AFD-314 [USN]

PATUXENT RIVER, MARYLAND



AIRPORT DIAGRAM

PATUXENT RIVER, MARYLAND

PATUXENT RIVER NAS (TRAPNELL FIELD) (KNHK)

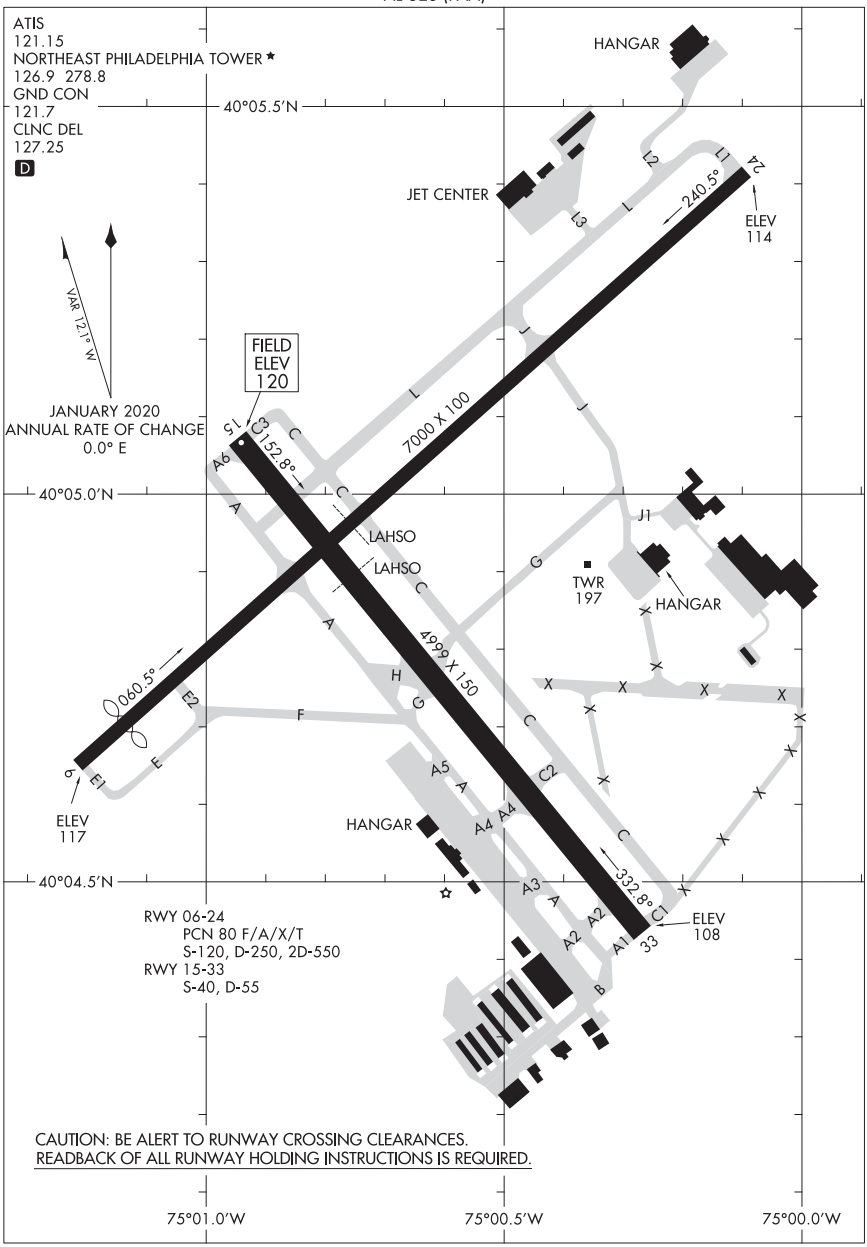
23110

AIRPORT DIAGRAM

AL-528 (FAA)

NORTHEAST PHILADELPHIA (PNE)

PHILADELPHIA, PENNSYLVANIA

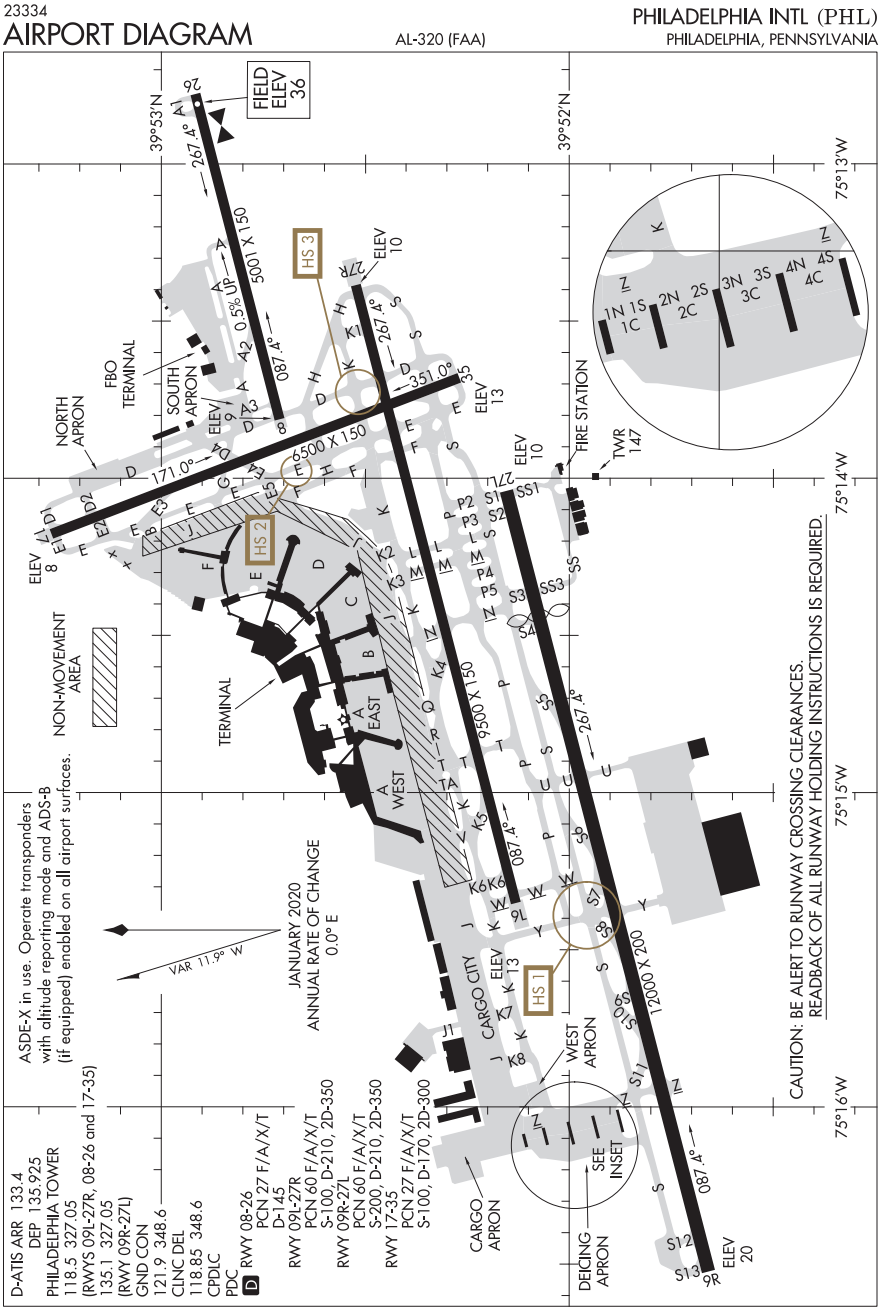


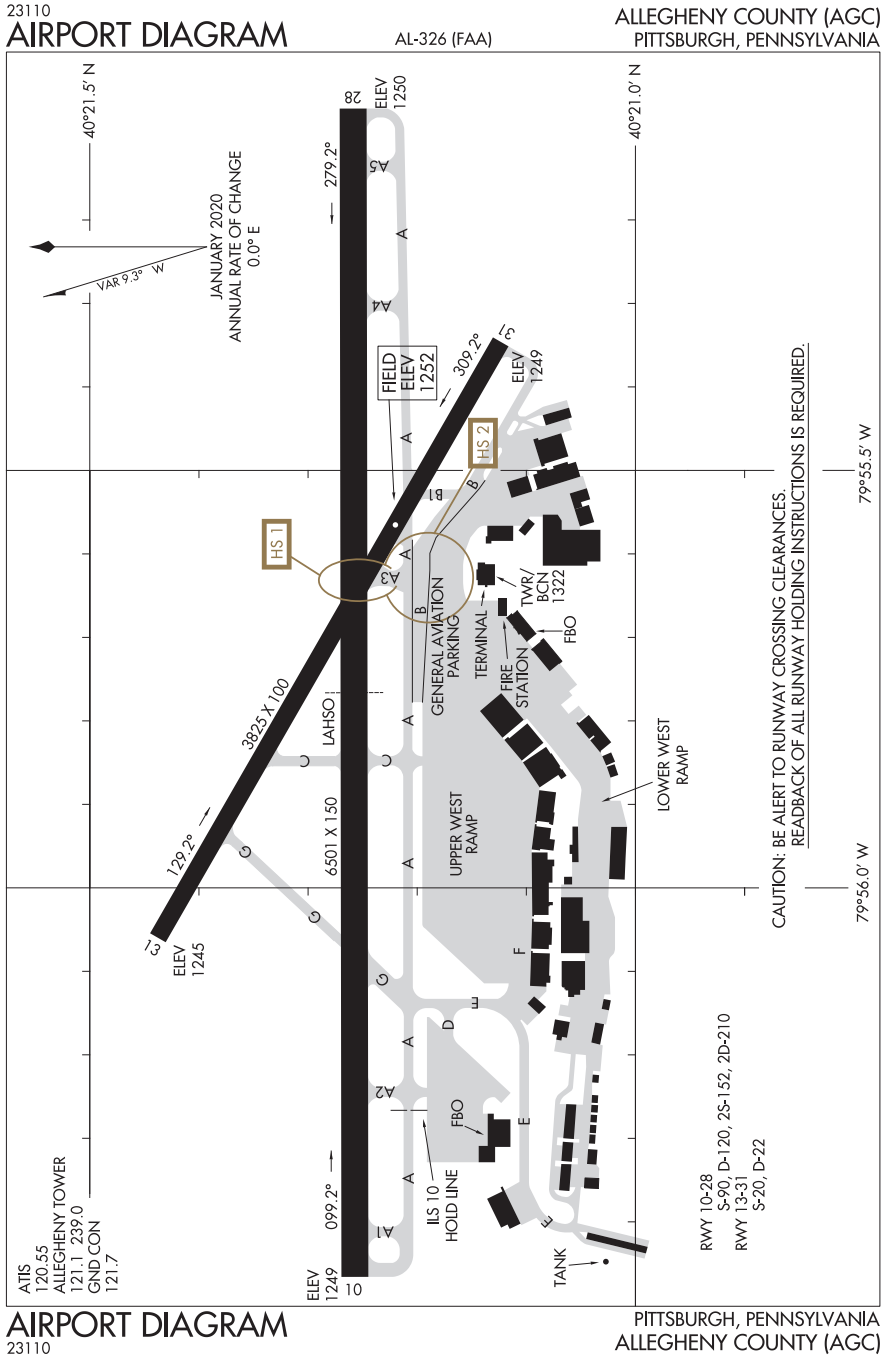
AIRPORT DIAGRAM

PHILADELPHIA, PENNSYLVANIA

NORTHEAST PHILADELPHIA (PNE)

23110


23334
AIRPORT DIAGRAM
AL-320 (FAA)
PHILADELPHIA INTL (PHL)
PHILADELPHIA, PENNSYLVANIA
FIELD ELEV 36
5001 X 150
6500 X 150
9500 X 150
12000 X 200
267.4°
087.4°
171.0°
351.0°
0.5% UP
HS 1
HS 2
HS 3
NORTH APRON
SOUTH APRON
FBO TERMINAL
TERMINAL
EAST
WEST
NON-MOVEMENT AREA
CARGO CITY
CARGO APRON
WEST APRON
DEICING APRON
SEE INSET
FIRE STATION
TWR 147
ELEV 8
ELEV 9
ELEV 10
ELEV 13
ELEV 20
VAR 11.9° W
JANUARY 2020
ANNUAL RATE OF CHANGE
0.0° E
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.
D-ATIS ARR 133.4
DEP 135.925
PHILADELPHIA TOWER
118.5 327.05
(RWYS 09L-27R, 08-26 and 17-35)
135.1 327.05
(RWY 09R-27L)
GND CON
121.9 348.6
CLNC DEL
118.85 348.6
CPDLC
PDC
D RWY 08-26
PCN 27 F/A/X/T
D-145
RWY 09L-27R
PCN 60 F/A/X/T
S-100, D-210, 2D-350
RWY 09R-27L
PCN 60 F/A/X/T
S-200, D-210, 2D-350
RWY 17-35
PCN 27 F/A/X/T
S-100, D-170, 2D-300
39°53'N
39°52'N
75°16'W
75°15'W
75°14'W
75°13'W
AIRPORT DIAGRAM
23334
PHILADELPHIA INTL (PHL)
PHILADELPHIA, PENNSYLVANIA


23110
AIRPORT DIAGRAM
AL-326 (FAA)
ALLEGHENY COUNTY (AGC)
PITTSBURGH, PENNSYLVANIA
40°21.5' N
40°21.0' N
79°55.5' W
79°56.0' W
JANUARY 2020
ANNUAL RATE OF CHANGE
0.0° E
VAR 9.3° W
28
ELEV 1250
279.2°
FIELD ELEV 1252
309.2°
ELEV 1249
HS 1
HS 2
3825 X 100
129.2°
ELEV 1245
LAHSO
6501 X 150
099.2°
ELEV 1249
10
ILS 10
HOLD LINE
FBO
GENERAL AVIATION PARKING
TERMINAL
TWR/ BCN 1322
FIRE STATION
FBO
UPPER WEST RAMP
LOWER WEST RAMP
TANK
CAUTION: BE ALERT TO RUNWAY CROSSING CLEARANCES.
READBACK OF ALL RUNWAY HOLDING INSTRUCTIONS IS REQUIRED.
RWY 10-28
S-90, D-120, 2S-152, 2D-210
RWY 13-31
S-20, D-22
ATIS
120.55
ALLEGHENY TOWER
121.1 239.0
GND CON
121.7
AIRPORT DIAGRAM
23110
PITTSBURGH, PENNSYLVANIA
ALLEGHENY COUNTY (AGC)

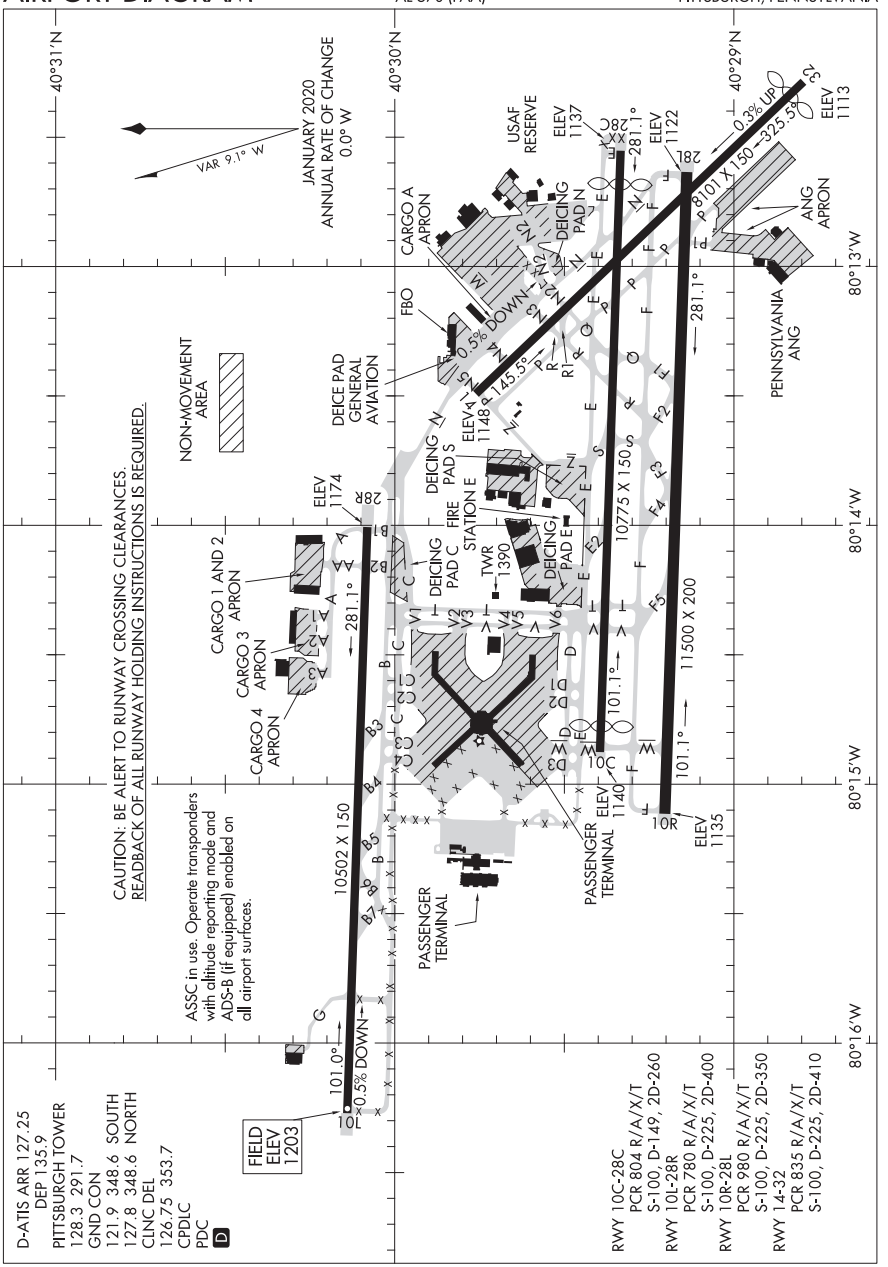
23278

AIRPORT DIAGRAM

AL-570 (FAA)

PITTSBURGH INTL (PIT)

PITTSBURGH, PENNSYLVANIA



AIRPORT DIAGRAM

PITTSBURGH, PENNSYLVANIA

PITTSBURGH INTL (PIT)

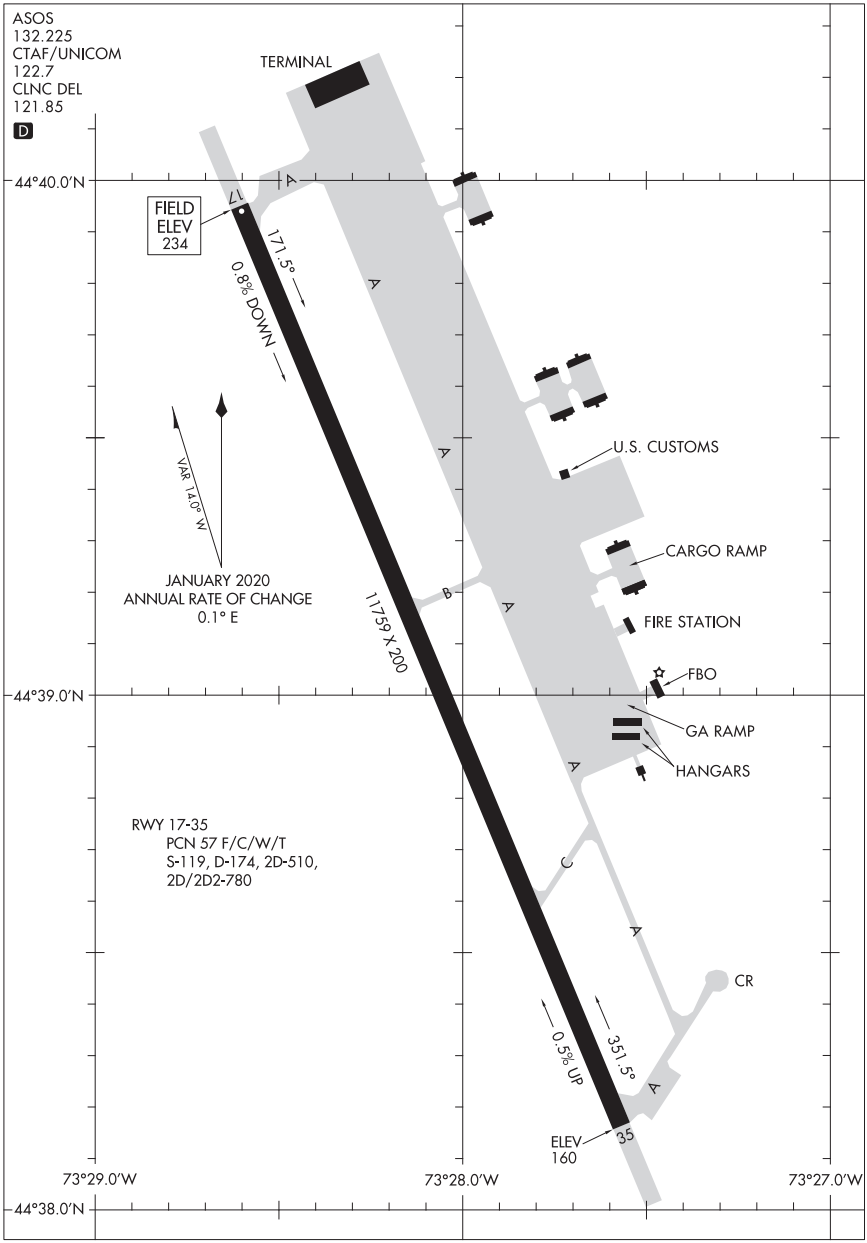
23278

22139

AIRPORT DIAGRAM

AL-729 (FAA)

PLATTSBURGH INTL (PBG)
PLATTSBURGH, NEW YORK



AIRPORT DIAGRAM

22139

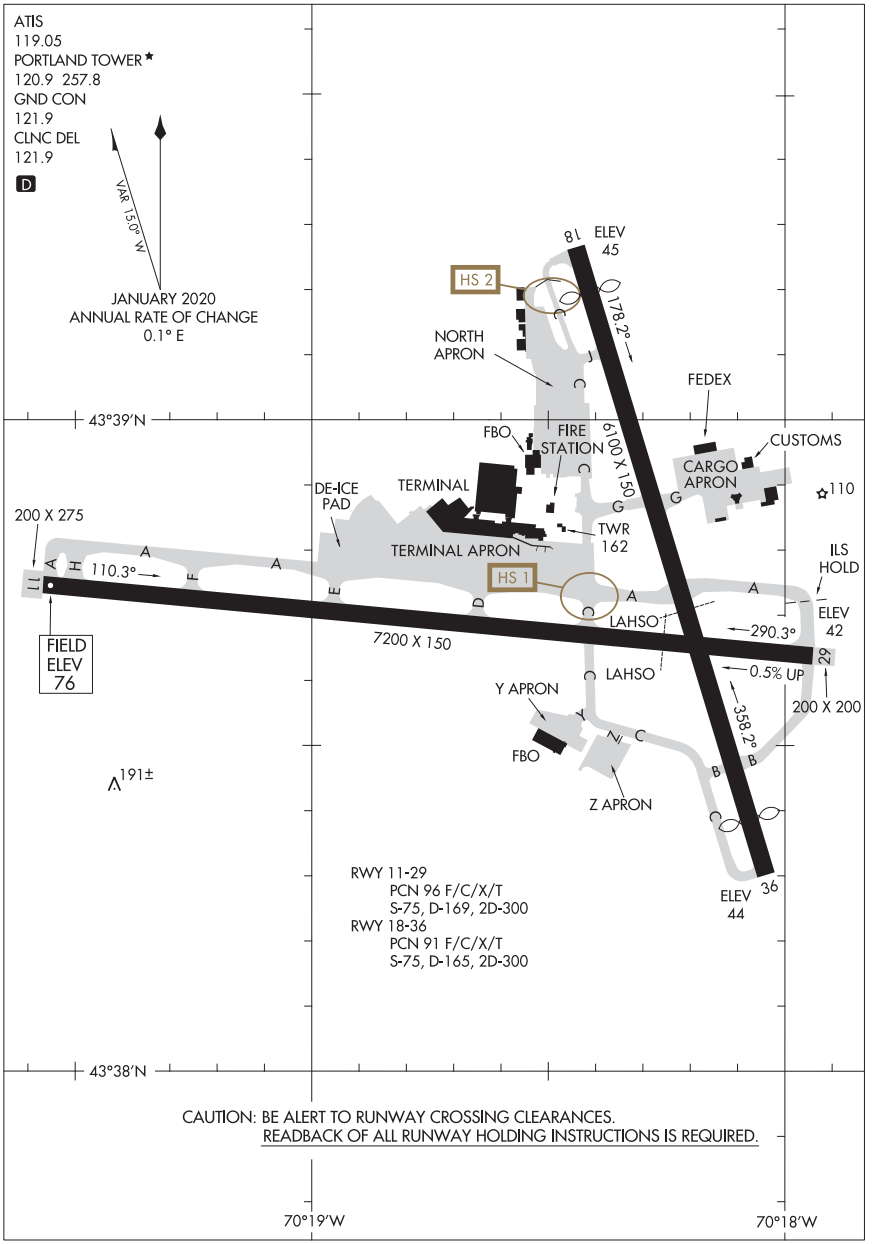
PLATTSBURGH, NEW YORK
PLATTSBURGH INTL (PBG)

22083

AIRPORT DIAGRAM

AL-329 (FAA)

PORTLAND INTL JETPORT (PWM)
PORTLAND, MAINE



AIRPORT DIAGRAM

22083

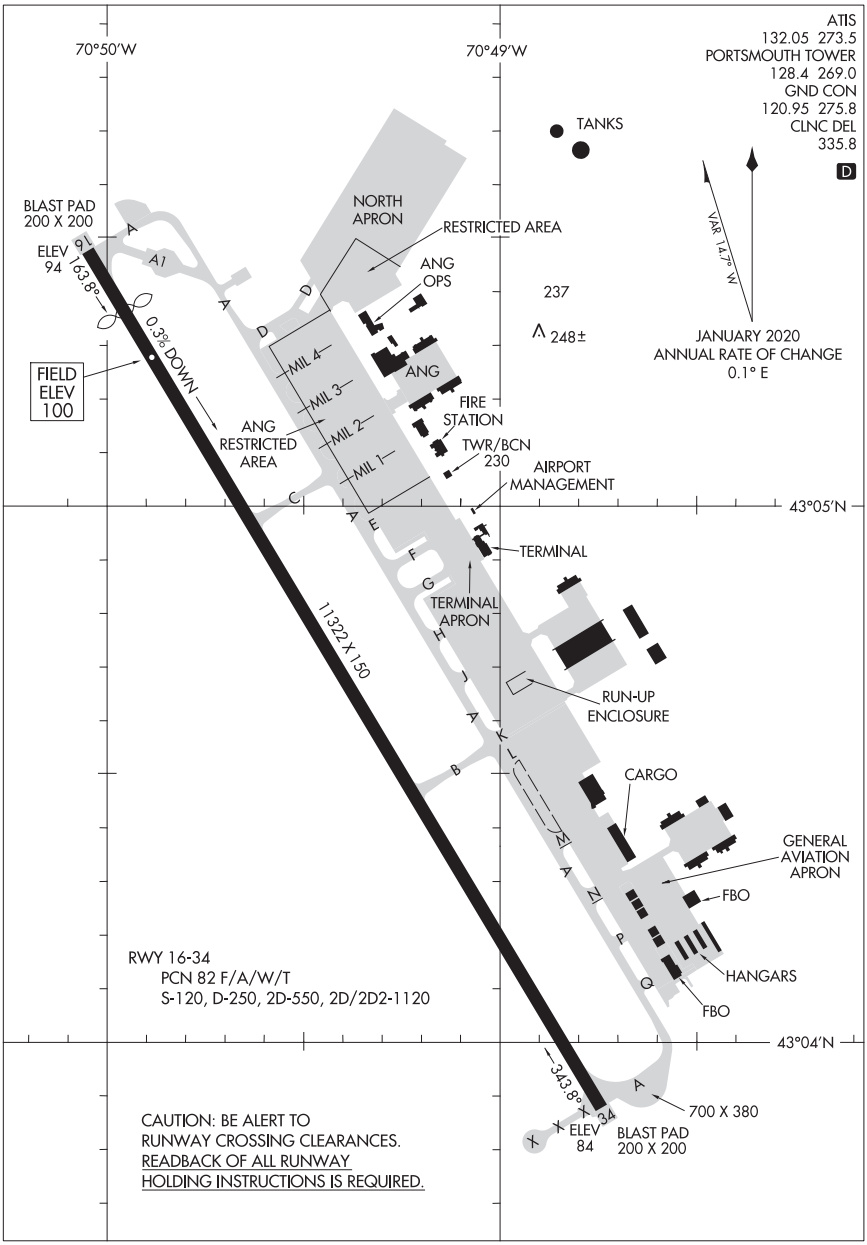
PORTLAND, MAINE
PORTLAND INTL JETPORT (PWM)

21336

AIRPORT DIAGRAM

AL-678 (FAA)

PORTSMOUTH INTL AT PEASE (PSM)
PORTSMOUTH, NEW HAMPSHIRE



AIRPORT DIAGRAM

21336

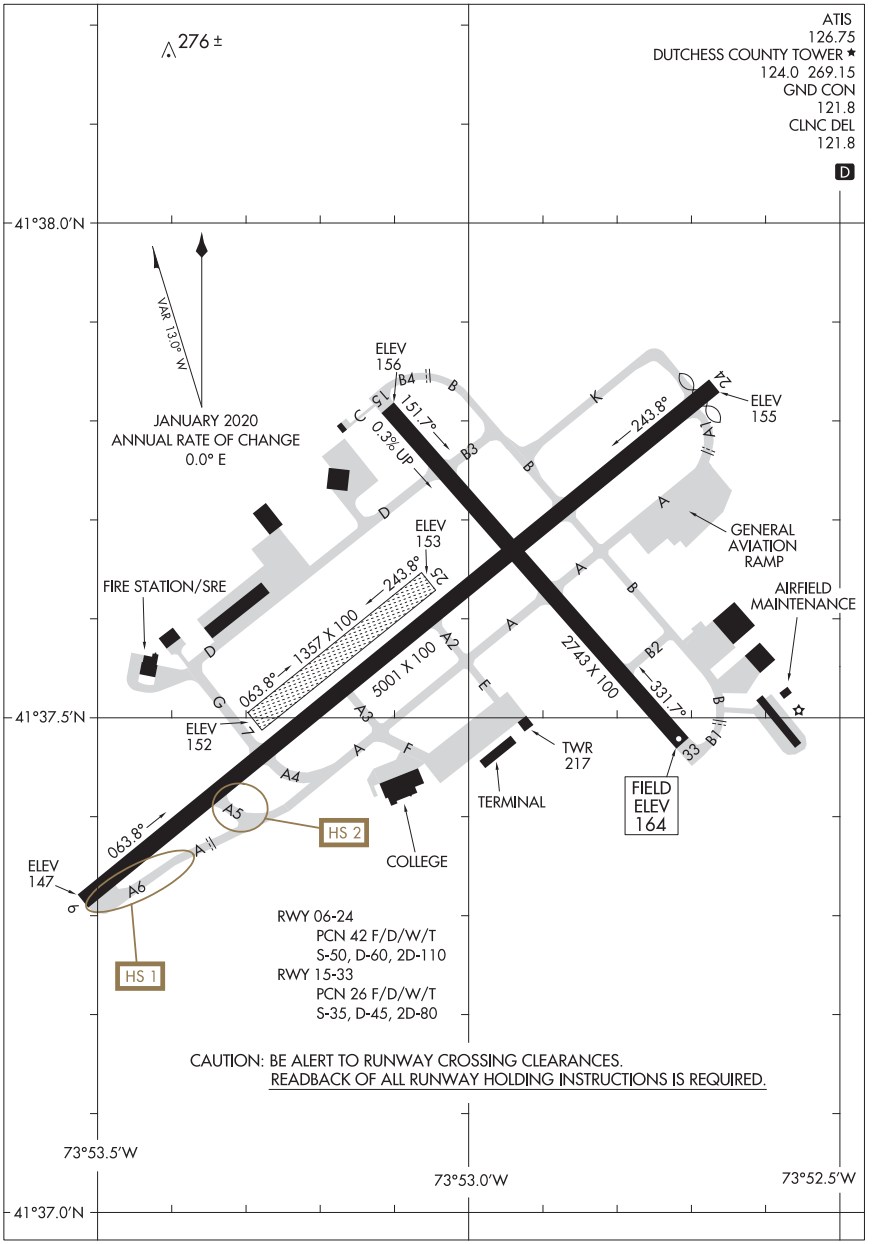
PORTSMOUTH, NEW HAMPSHIRE
PORTSMOUTH INTL AT PEASE (PSM)

22307

AIRPORT DIAGRAM

AL-286 (FAA)

HUDSON VALLEY RGNL (POU)
POUGHKEEPSIE, NEW YORK



AIRPORT DIAGRAM

22307

POUGHKEEPSIE, NEW YORK
HUDSON VALLEY RGNL (POU)

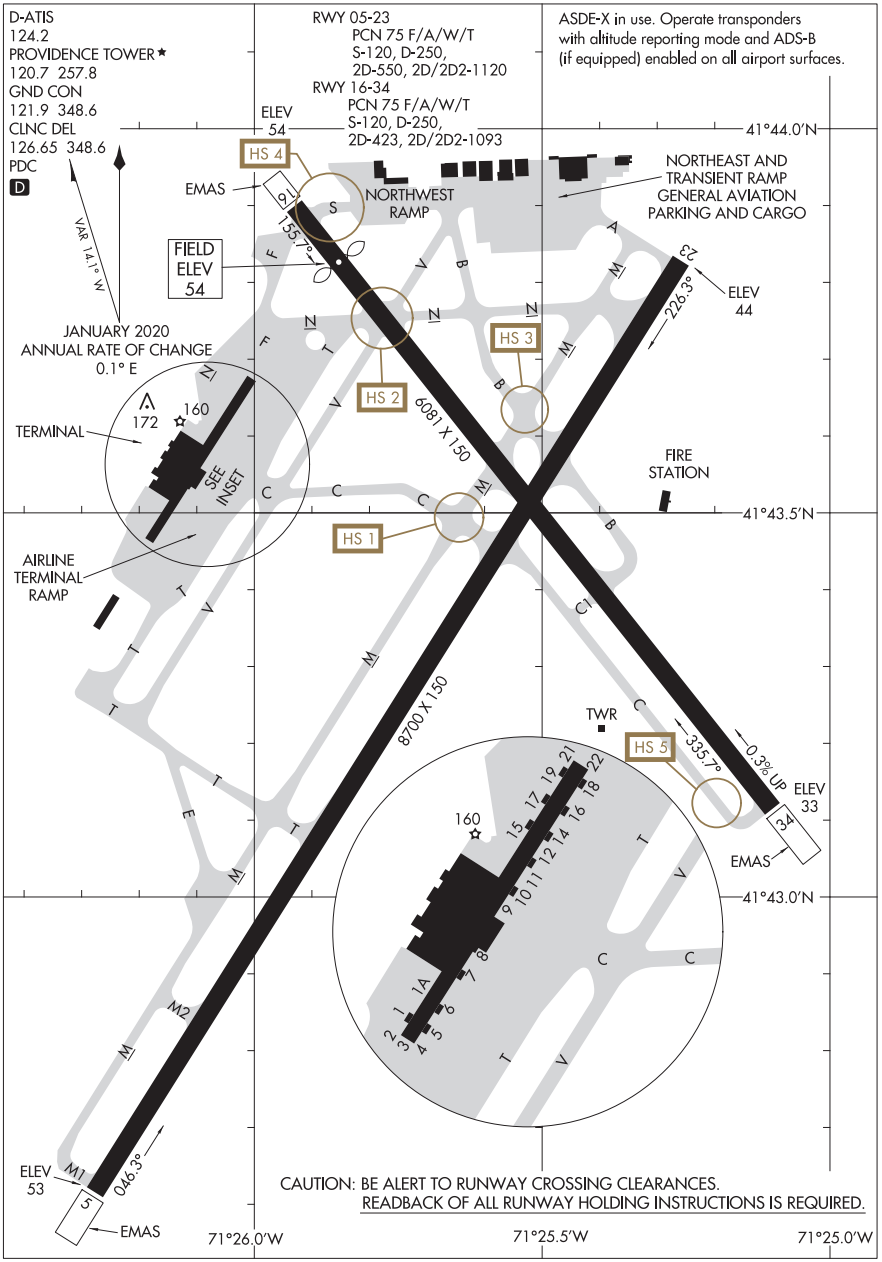
21280

AIRPORT DIAGRAM

AL-333 (FAA)

RHODE ISLAND TF GREEN INTL (PVD)

PROVIDENCE, RHODE ISLAND



AIRPORT DIAGRAM
21280

PROVIDENCE, RHODE ISLAND
RHODE ISLAND TF GREEN INTL (PVD)

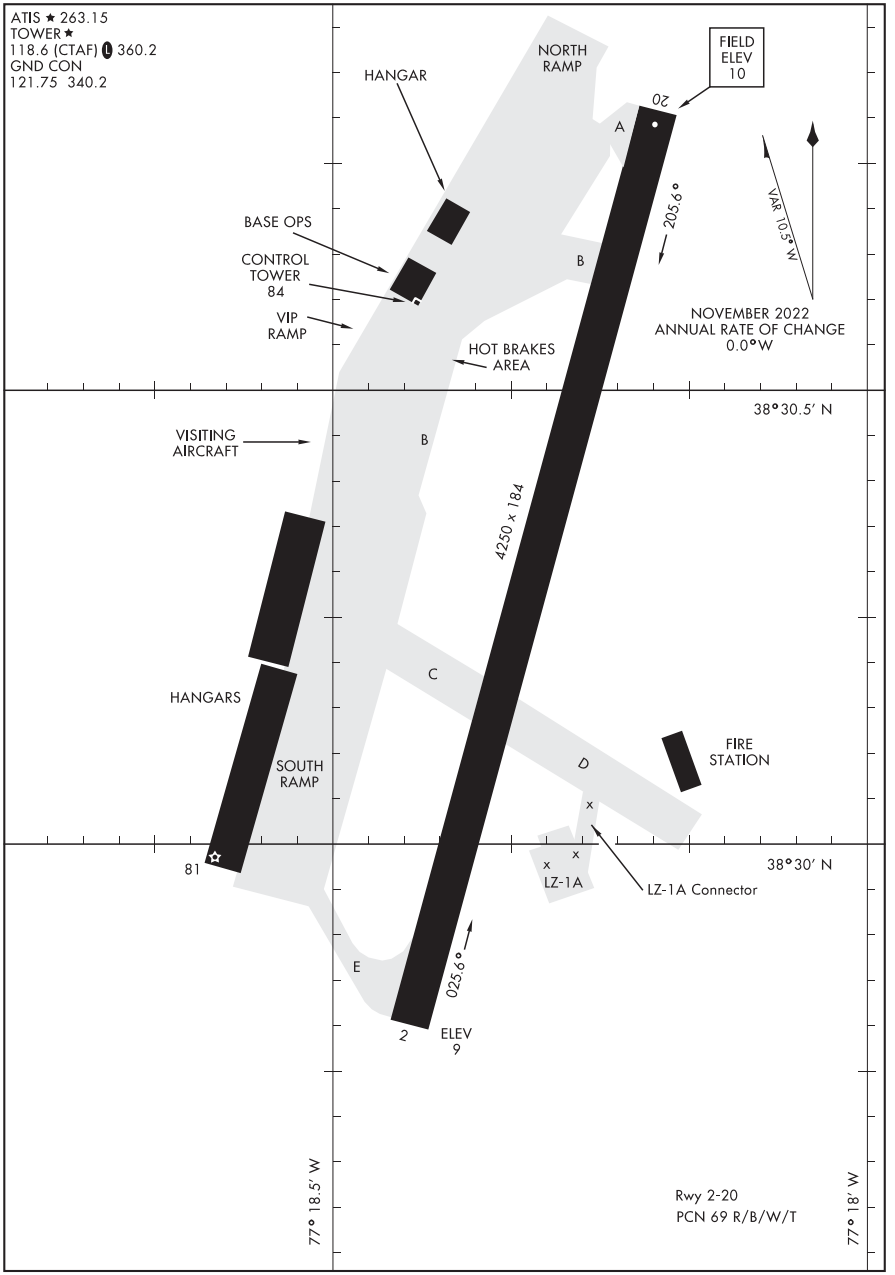
22307

AIRPORT DIAGRAM

AL-339 [USN]

QUANTICO MCAF (TURNER FLD) (KNYG)

QUANTICO, VIRGINIA



AIRPORT DIAGRAM

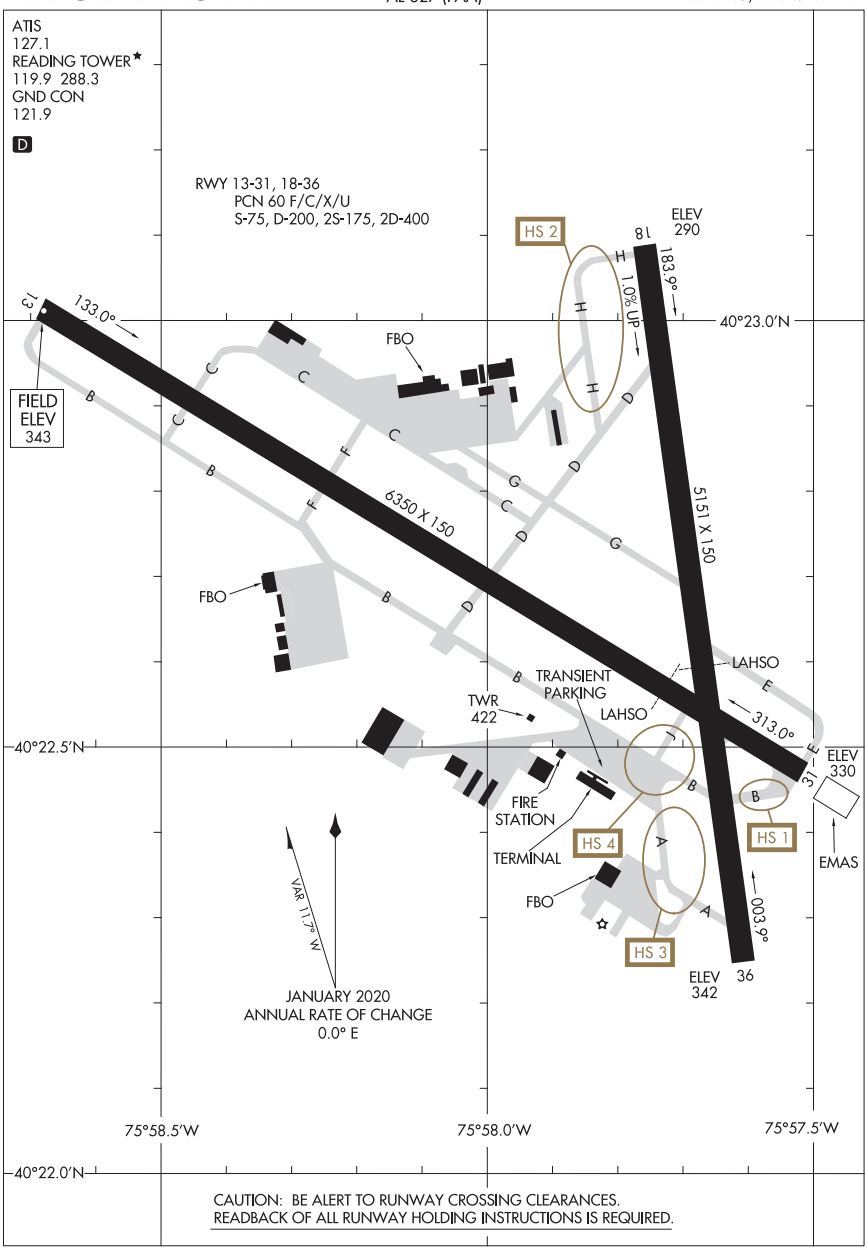
QUANTICO, VIRGINIA

QUANTICO MCAF (TURNER FLD) (KNYG)

22195

AIRPORT DIAGRAM

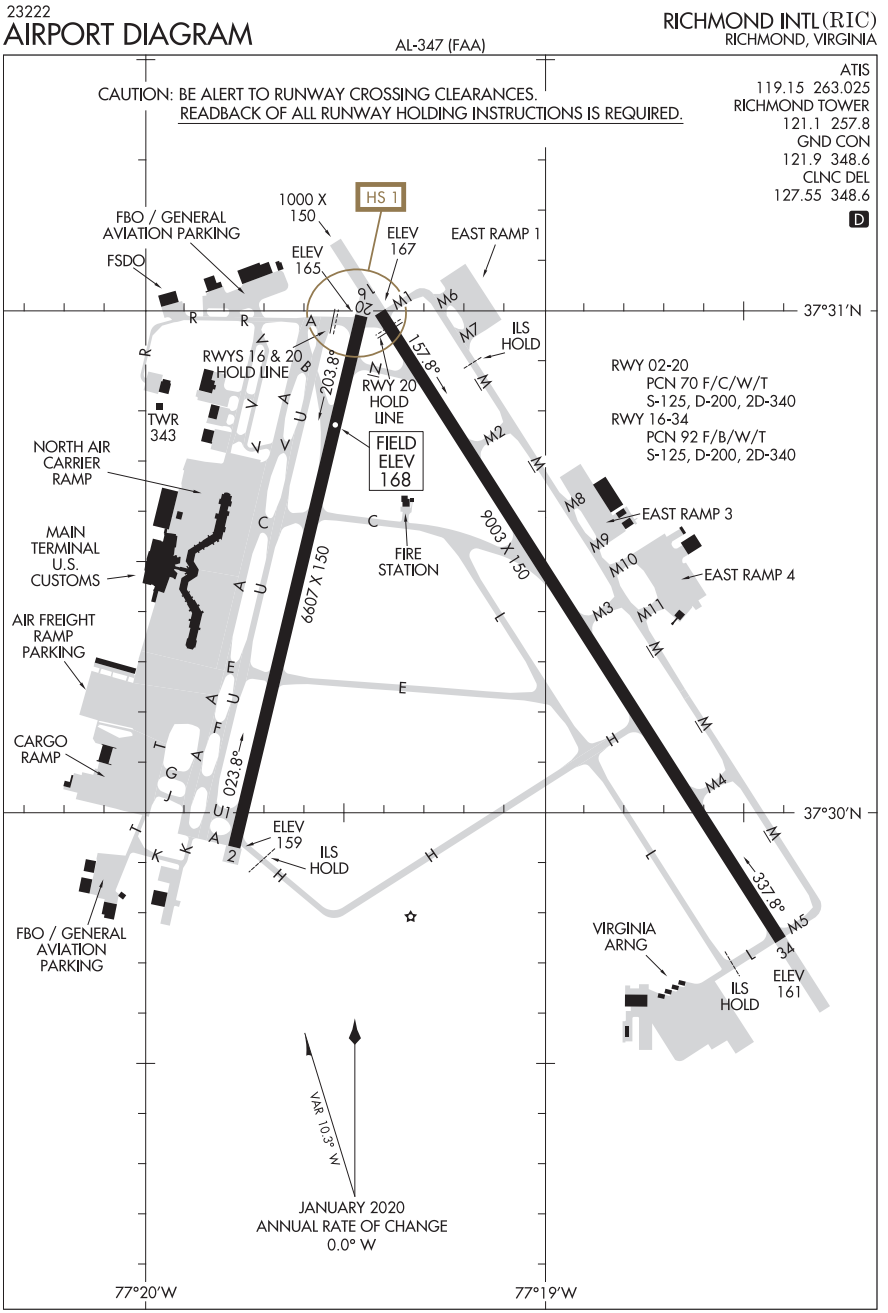
READING RGNL/CARL A SPAATZ FLD (RDG)
AL-627 (FAA)
READING, PENNSYLVANIA



AIRPORT DIAGRAM

22195

READING, PENNSYLVANIA
READING RGNL/CARL A SPAATZ FLD (RDG)

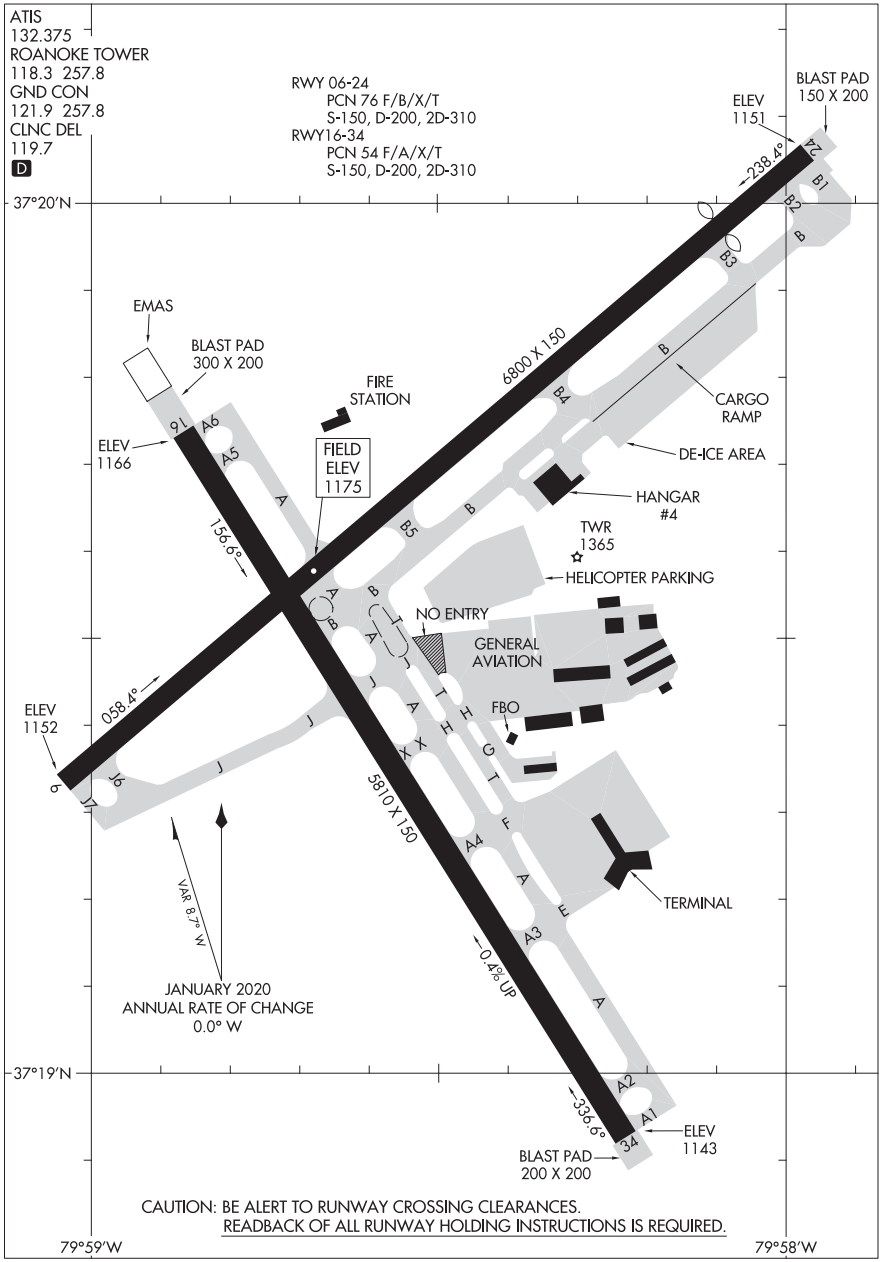

23222
AIRPORT DIAGRAM
AL-347 (FAA)
RICHMOND INTL (RIC)
RICHMOND, VIRGINIA
CAUTION: BE ALERT TO RUNWAY CROSSING CLEARANCES.
READBACK OF ALL RUNWAY HOLDING INSTRUCTIONS IS REQUIRED.
ATIS
119.15 263.025
RICHMOND TOWER
121.1 257.8
GND CON
121.9 348.6
CLNC DEL
127.55 348.6
D
HS 1
1000 X 150
ELEV 167
ELEV 165
FBO / GENERAL AVIATION PARKING
FSDO
EAST RAMP 1
ILS HOLD
RWYS 16 & 20 HOLD LINE
RWY 20 HOLD LINE
203.8°
157.8°
TWR 343
FIELD ELEV 168
RWY 02-20
PCN 70 F/C/W/T
S-125, D-200, 2D-340
RWY 16-34
PCN 92 F/B/W/T
S-125, D-200, 2D-340
NORTH AIR CARRIER RAMP
MAIN TERMINAL U.S. CUSTOMS
FIRE STATION
6607 X 150
9003 X 150
EAST RAMP 3
EAST RAMP 4
AIR FREIGHT RAMP PARKING
CARGO RAMP
023.8°
337.8°
ELEV 159
ILS HOLD
FBO / GENERAL AVIATION PARKING
VIRGINIA ARNG
ILS HOLD
ELEV 161
37°31'N
37°30'N
77°20'W
77°19'W
VAR 10.3° W
JANUARY 2020
ANNUAL RATE OF CHANGE
0.0° W
AIRPORT DIAGRAM
23222
RICHMOND, VIRGINIA
RICHMOND INTL (RIC)

23166

AIRPORT DIAGRAM

ROANOKE/BLACKSBURG RGNL (WOODRUM FLD) (ROA)

AL-349 (FAA) ROANOKE, VIRGINIA



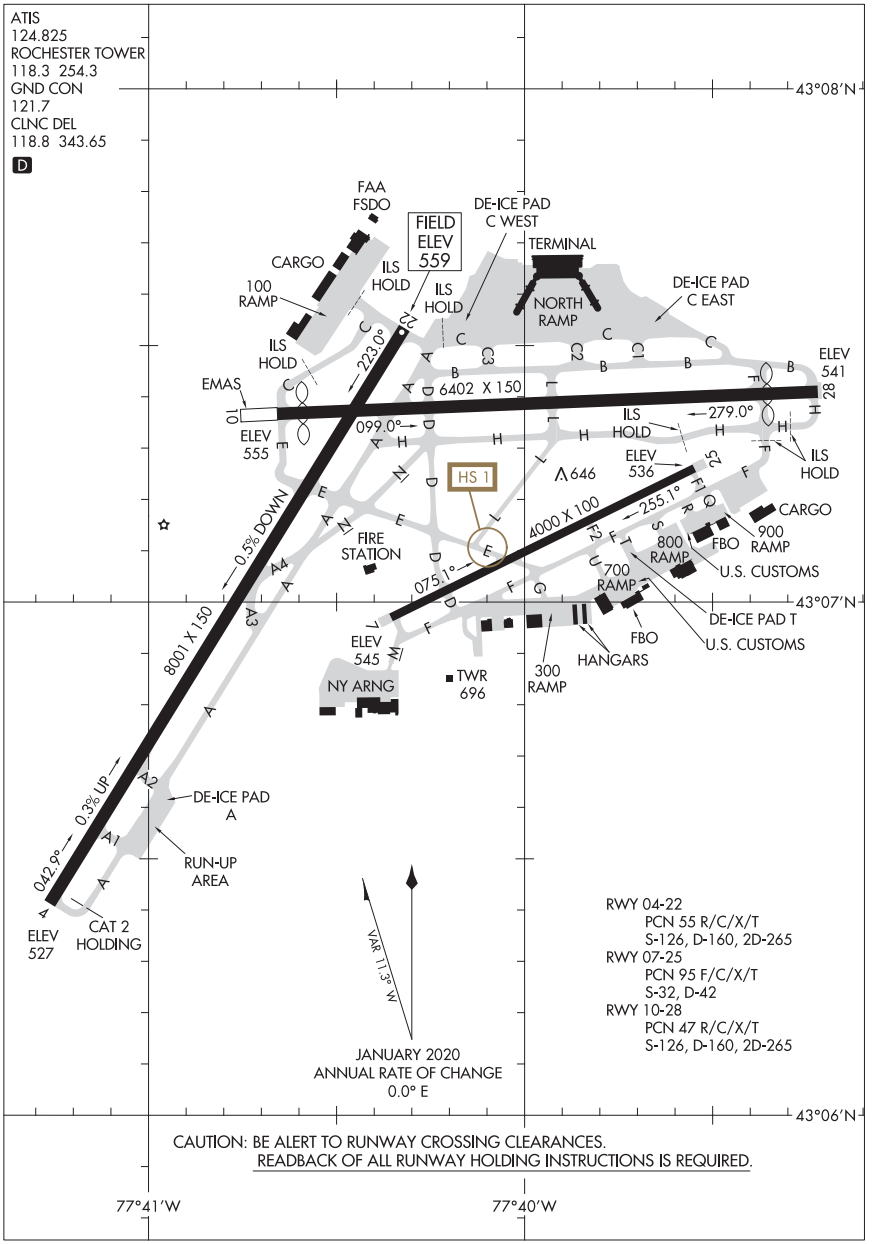
AIRPORT DIAGRAM
23166
ROANOKE/BLACKSBURG RGNL (WOODRUM FLD) (ROA)
ROANOKE, VIRGINIA

23334

AIRPORT DIAGRAM

FREDERICK DOUGLASS/GREATER ROCHESTER INTL (ROC)

AL-351 (FAA) ROCHESTER, NEW YORK



AIRPORT DIAGRAM

23334

ROCHESTER, NEW YORK

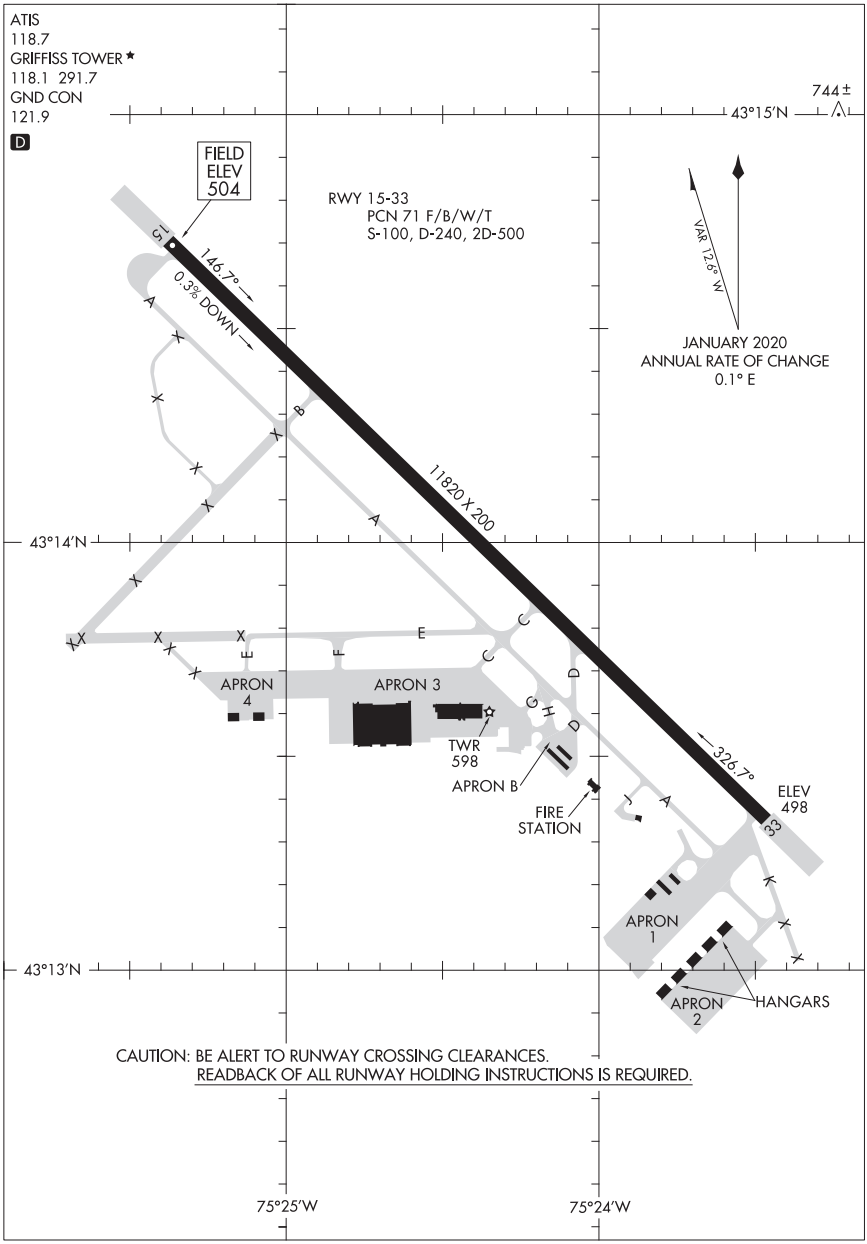
FREDERICK DOUGLASS/GREATER ROCHESTER INTL (ROC)

23334

AIRPORT DIAGRAM

AL-9515 (FAA)

GRIFFISS INTL (RME)
ROME, NEW YORK



AIRPORT DIAGRAM

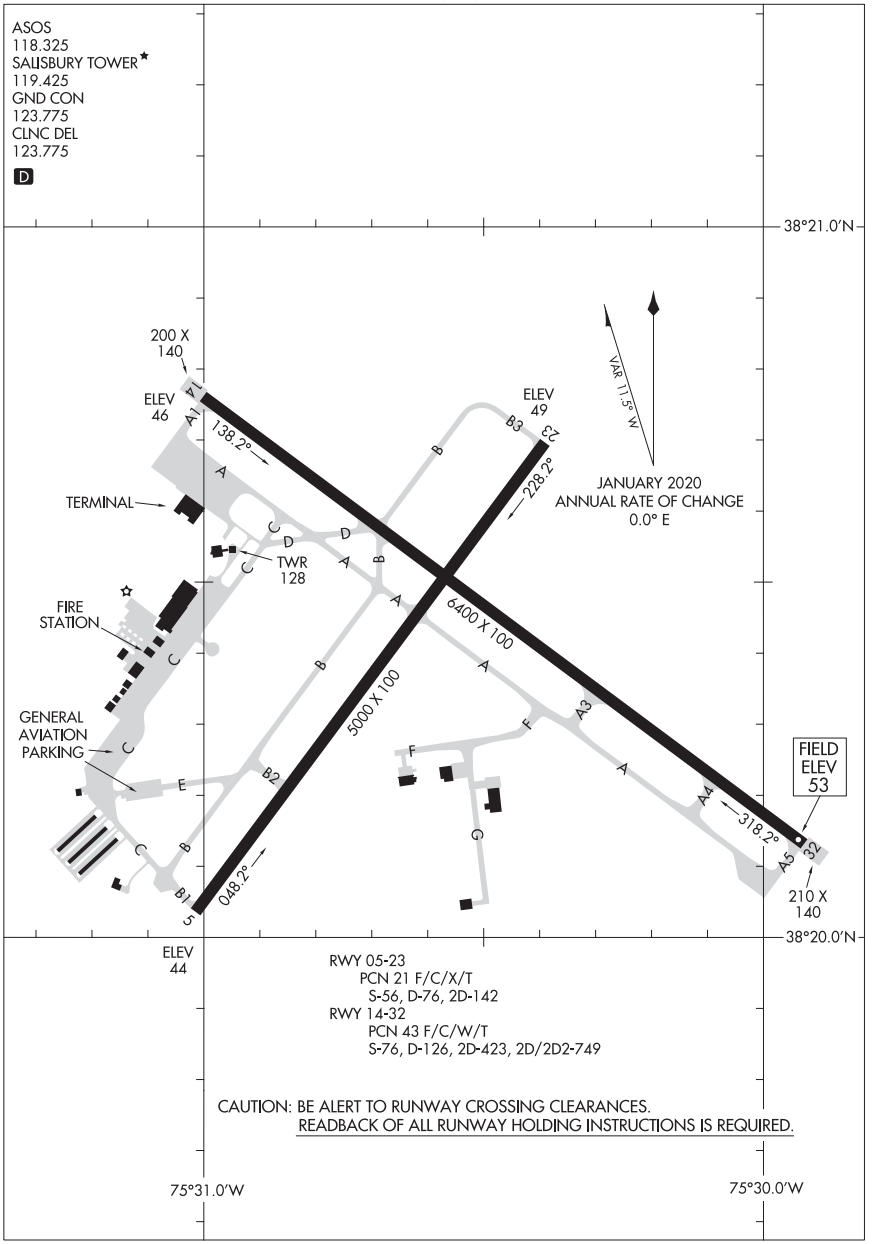
23334

ROME, NEW YORK
GRIFFISS INTL (RME)

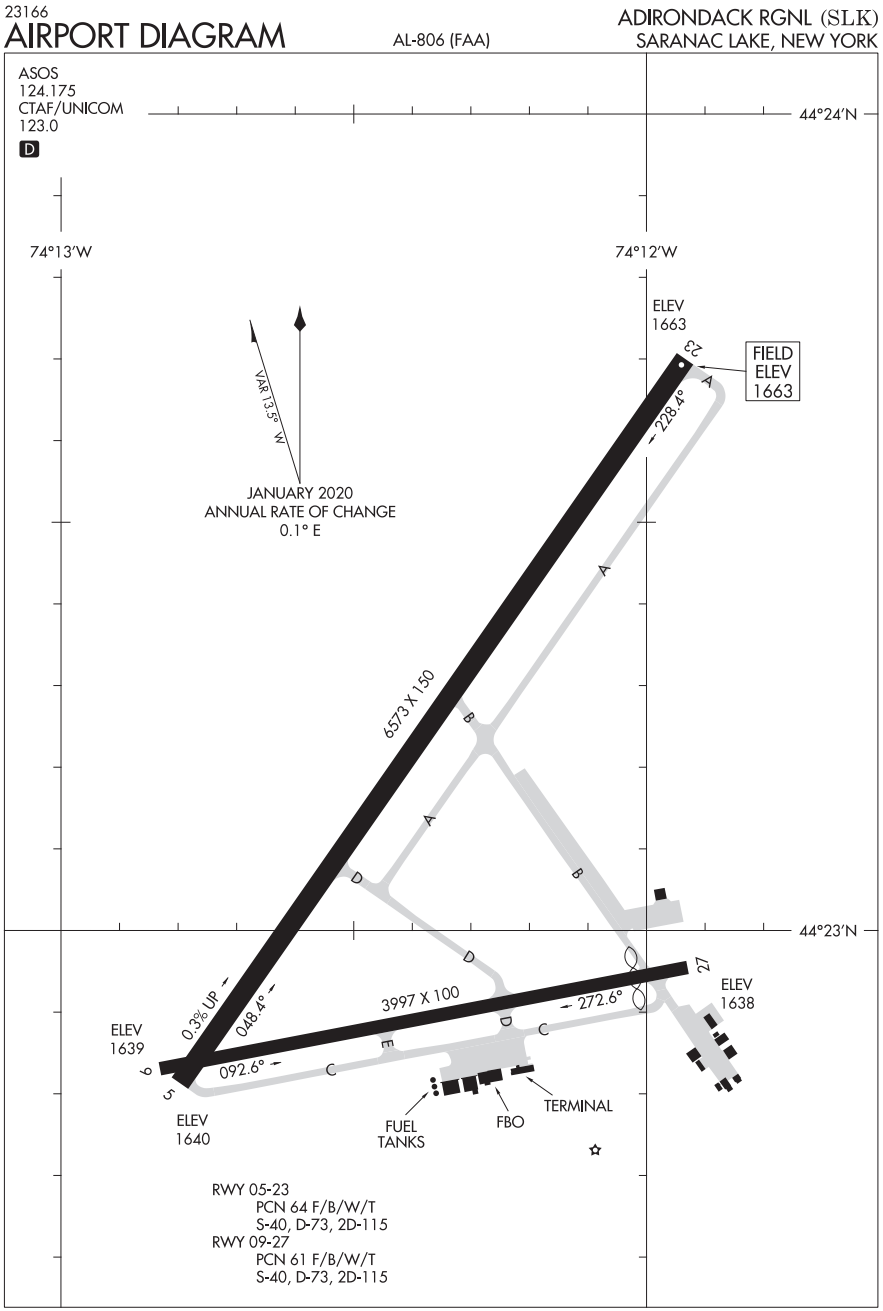
23166

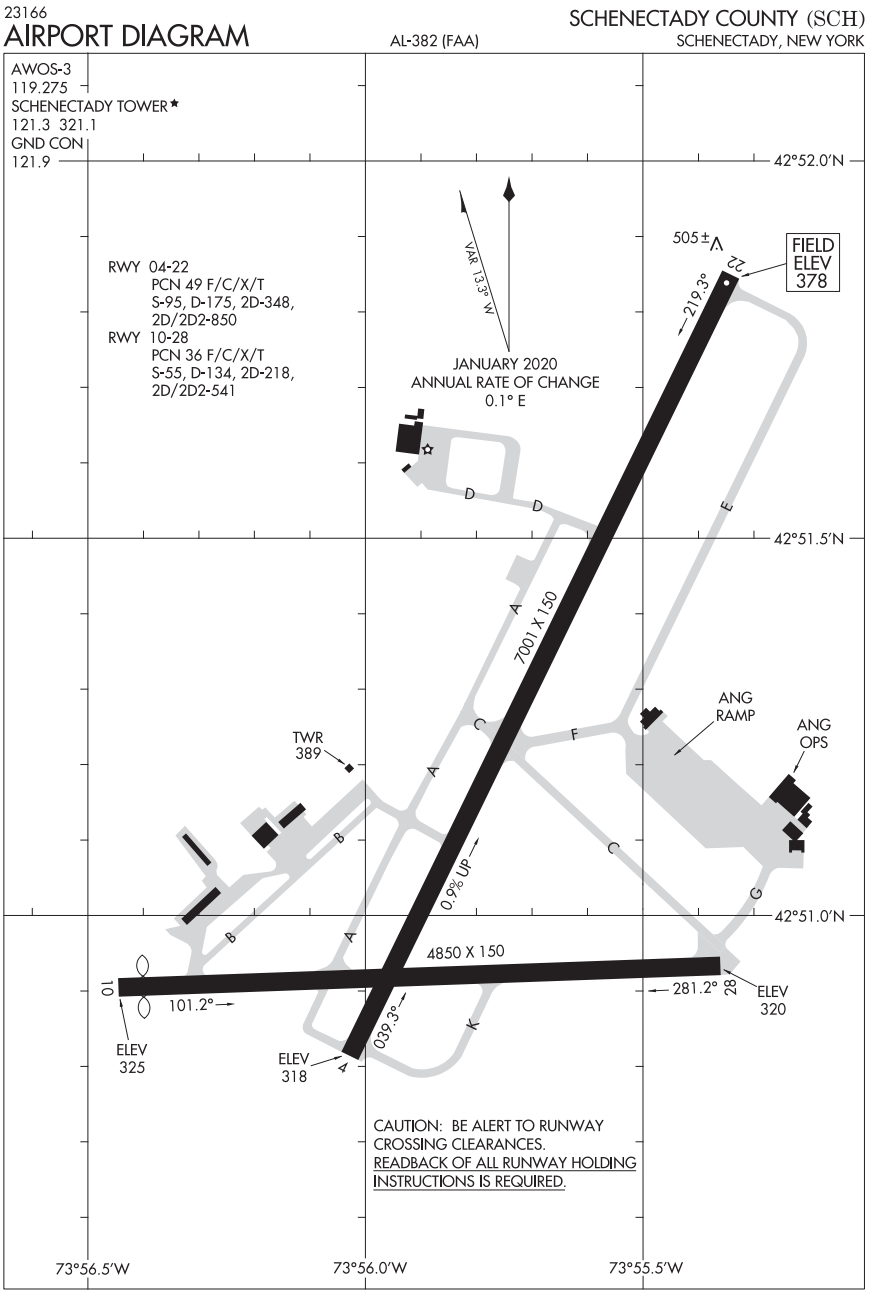
AIRPORT DIAGRAM

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
ASOS
124.175
CTAF/UNICOM
123.0
D
44°24'N
74°13'W
74°12'W
ELEV
1663
FIELD
ELEV
1663
23
VAR 13.3° W
228.4°
JANUARY 2020
ANNUAL RATE OF CHANGE
0.1° E
6573 X 150
44°23'N
0.5% UP
048.4°
3997 X 100
272.6°
27
ELEV
1638
ELEV
1639
092.6°
ELEV
1640
FUEL
TANKS
FBO
TERMINAL
RWY 05-23
PCN 64 F/B/W/T
S-40, D-73, 2D-115
RWY 09-27
PCN 61 F/B/W/T
S-40, D-73, 2D-115
AIRPORT DIAGRAM
23166
SARANAC LAKE, NEW YORK
ADIRONDACK RGNL (SLK)

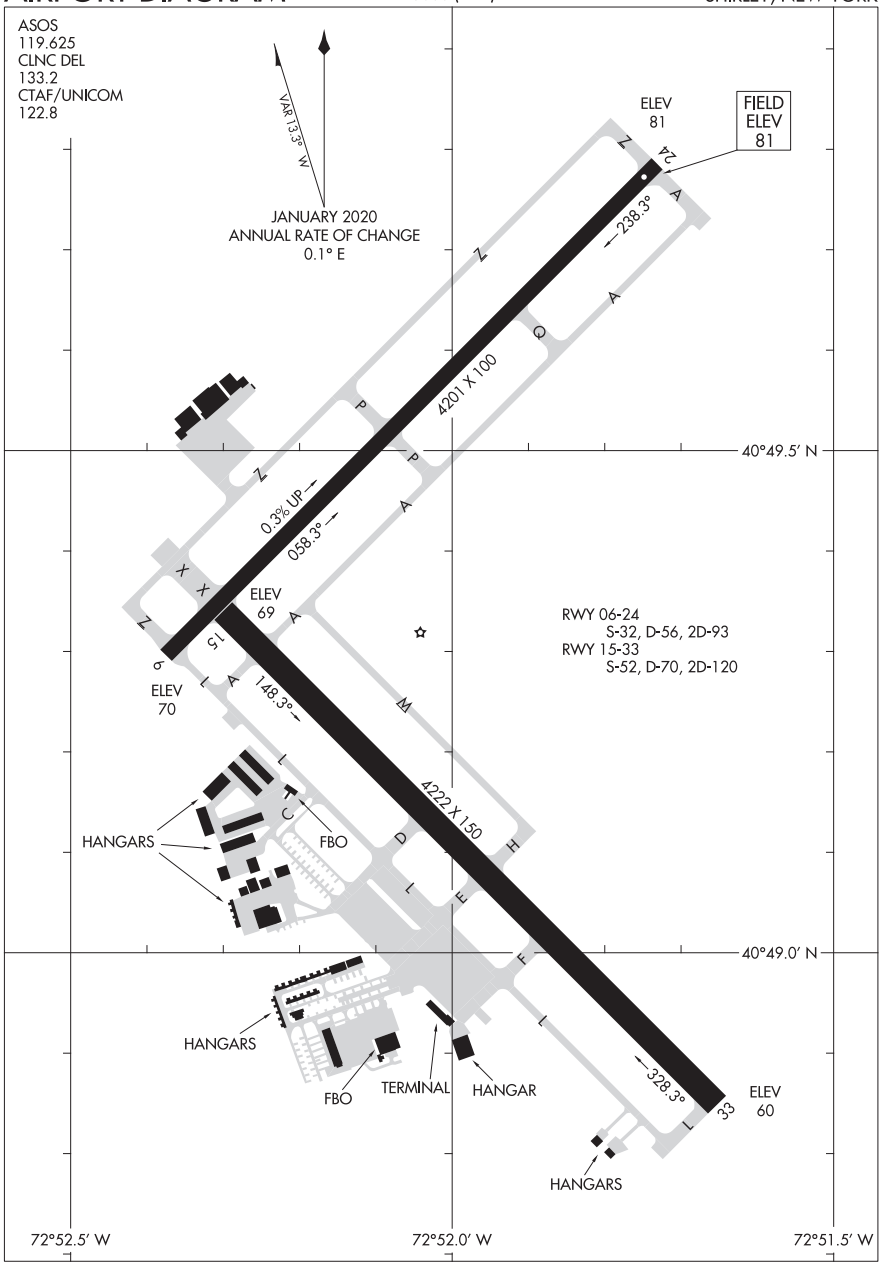

23166
AIRPORT DIAGRAM
AL-382 (FAA)
SCHENECTADY COUNTY (SCH)
SCHENECTADY, NEW YORK
AWOS-3
119.275
SCHENECTADY TOWER*
121.3 321.1
GND CON
121.9
42°52.0'N
RWY 04-22
PCN 49 F/C/X/T
S-95, D-175, 2D-348,
2D/2D2-850
RWY 10-28
PCN 36 F/C/X/T
S-55, D-134, 2D-218,
2D/2D2-541
VAR 13.3° W
JANUARY 2020
ANNUAL RATE OF CHANGE
0.1° E
505±
22
FIELD
ELEV
378
219.3°
42°51.5'N
7001 X 150
ANG
RAMP
ANG
OPS
TWR
389
0.9% UP
42°51.0'N
4850 X 150
10
101.2°
281.2°
28
ELEV
320
ELEV
325
039.3°
ELEV
318
CAUTION: BE ALERT TO RUNWAY
CROSSING CLEARANCES.
READBACK OF ALL RUNWAY HOLDING
INSTRUCTIONS IS REQUIRED.
73°56.5'W
73°56.0'W
73°55.5'W
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)

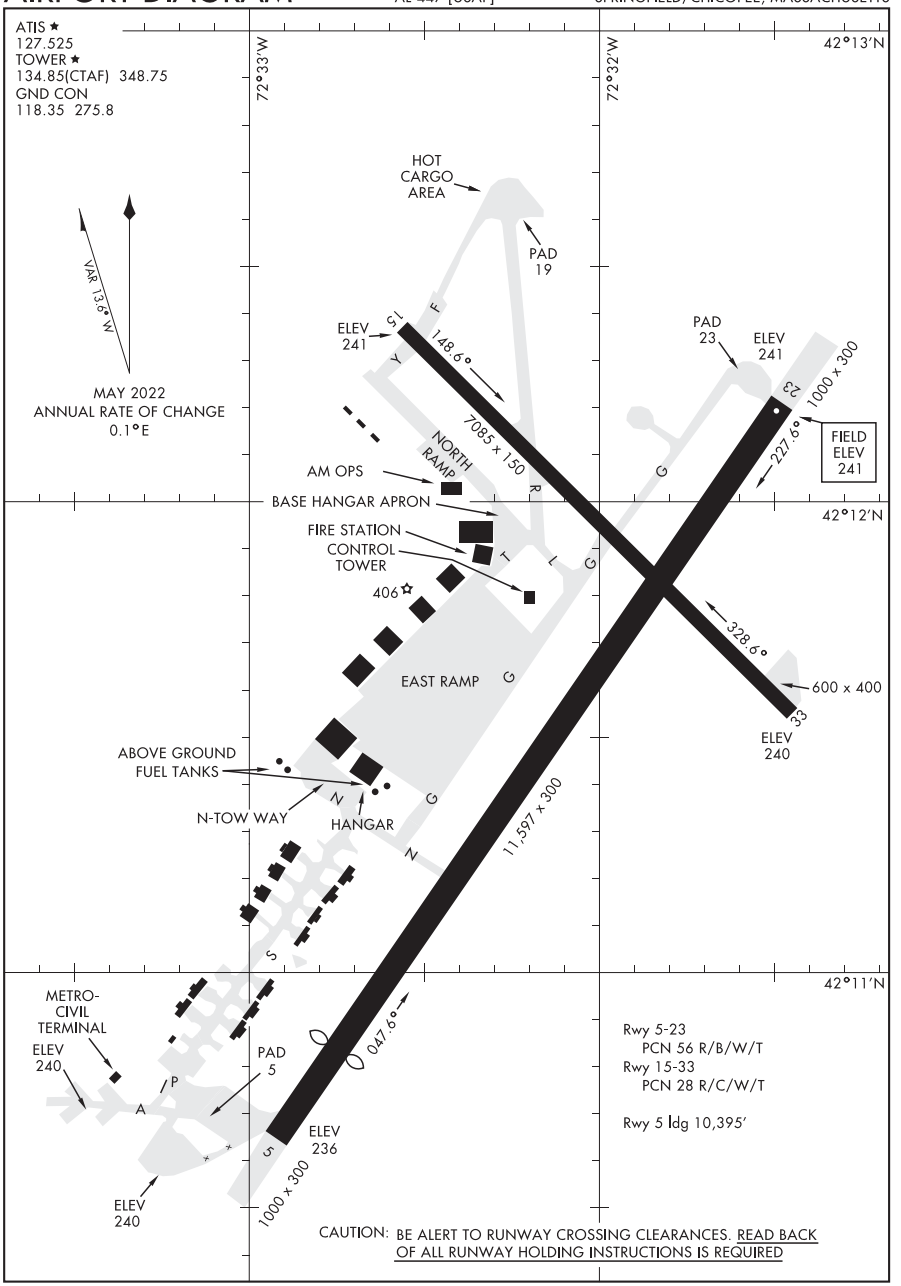
23278

AIRPORT DIAGRAM

WESTOVER ARB/METROPOLITAN (KCEF)

AL-447 [USAF]

SPRINGFIELD/CHICOPEE, MASSACHUSETTS



AIRPORT DIAGRAM

SPRINGFIELD/CHICOPEE, MASSACHUSETTS

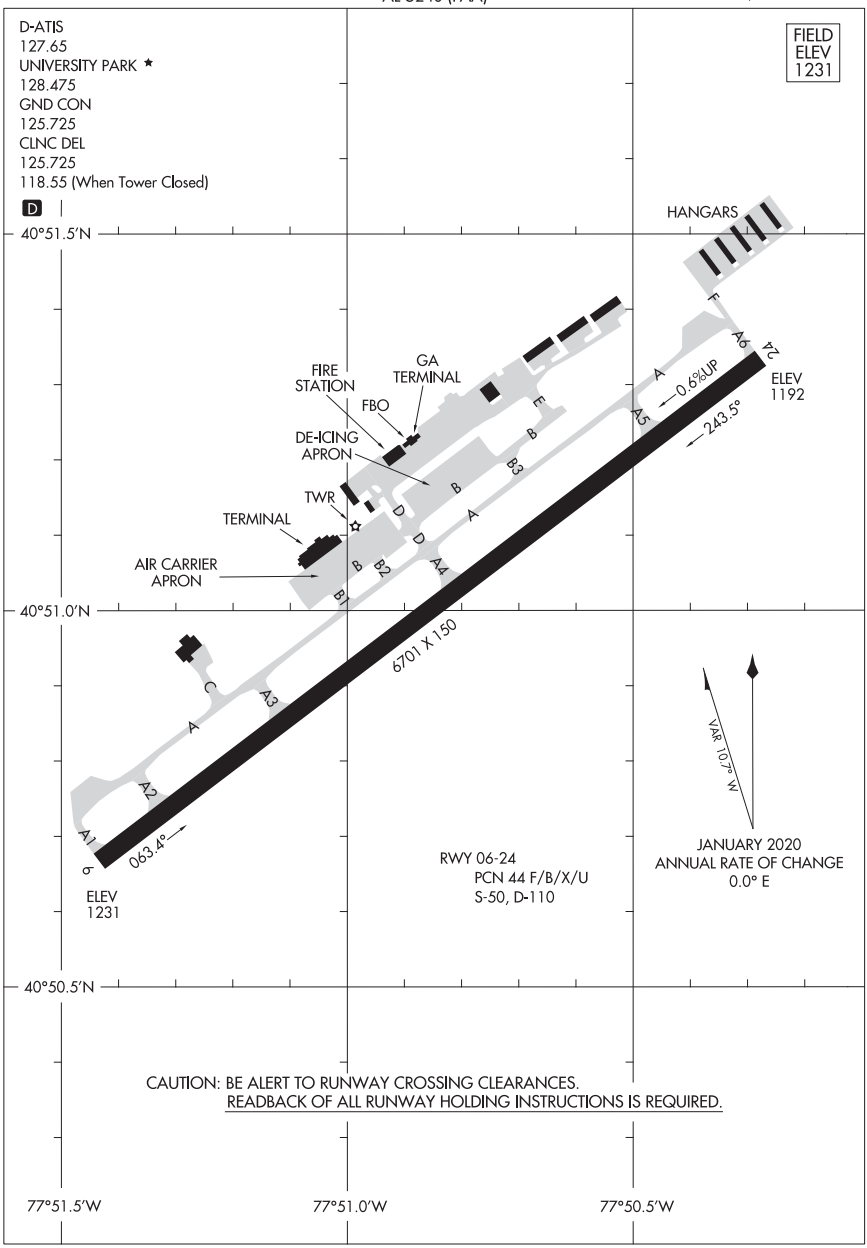
WESTOVER ARB/METROPOLITAN (KCEF)

23278

AIRPORT DIAGRAM

AL-5240 (FAA)

STATE COLLEGE RGNL (UNV)
STATE COLLEGE, PENNSYLVANIA



AIRPORT DIAGRAM

23278

STATE COLLEGE, PENNSYLVANIA
STATE COLLEGE RGNL (UNV)

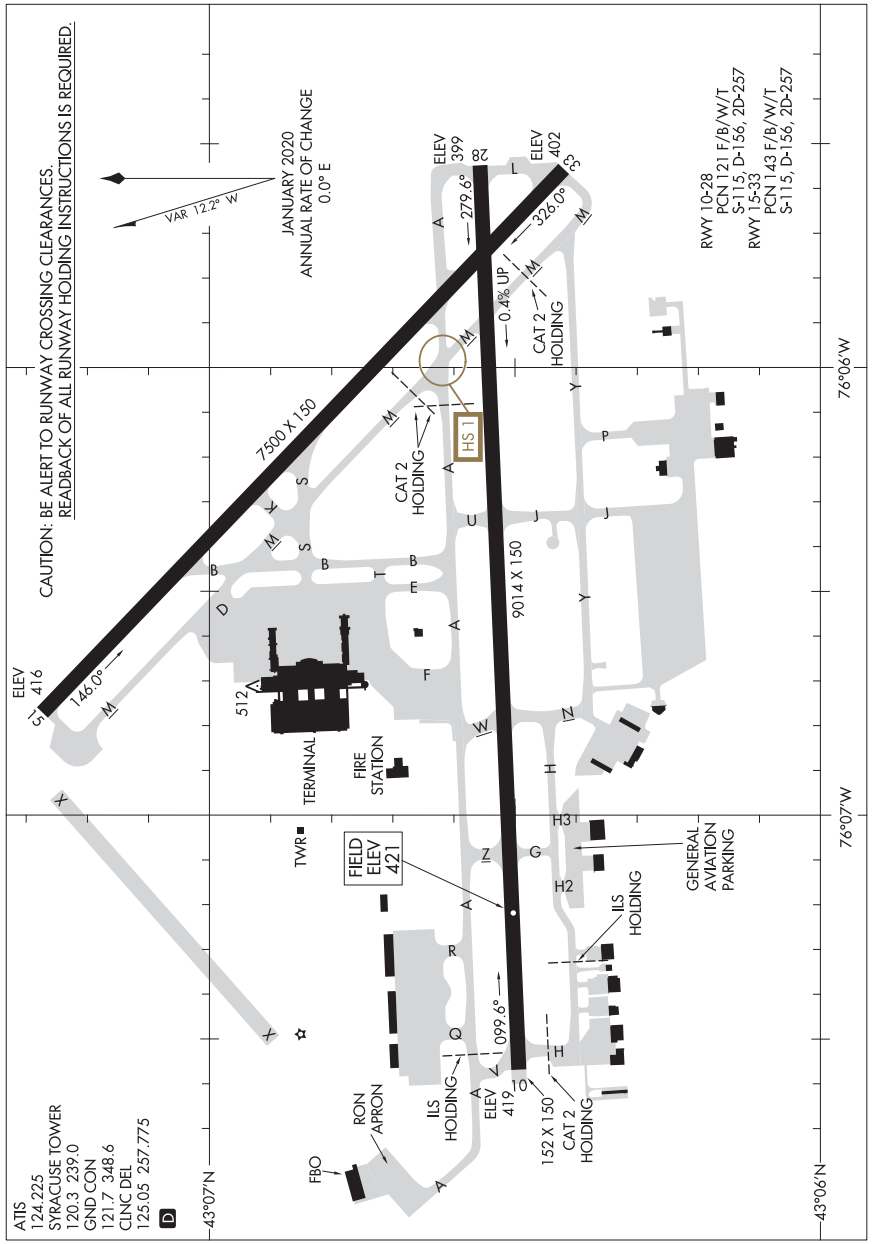
22363

AIRPORT DIAGRAM

AL-411 (FAA)

SYRACUSE HANCOCK INTL (SYR)

SYRACUSE, NEW YORK



AIRPORT DIAGRAM

22363

SYRACUSE, NEW YORK

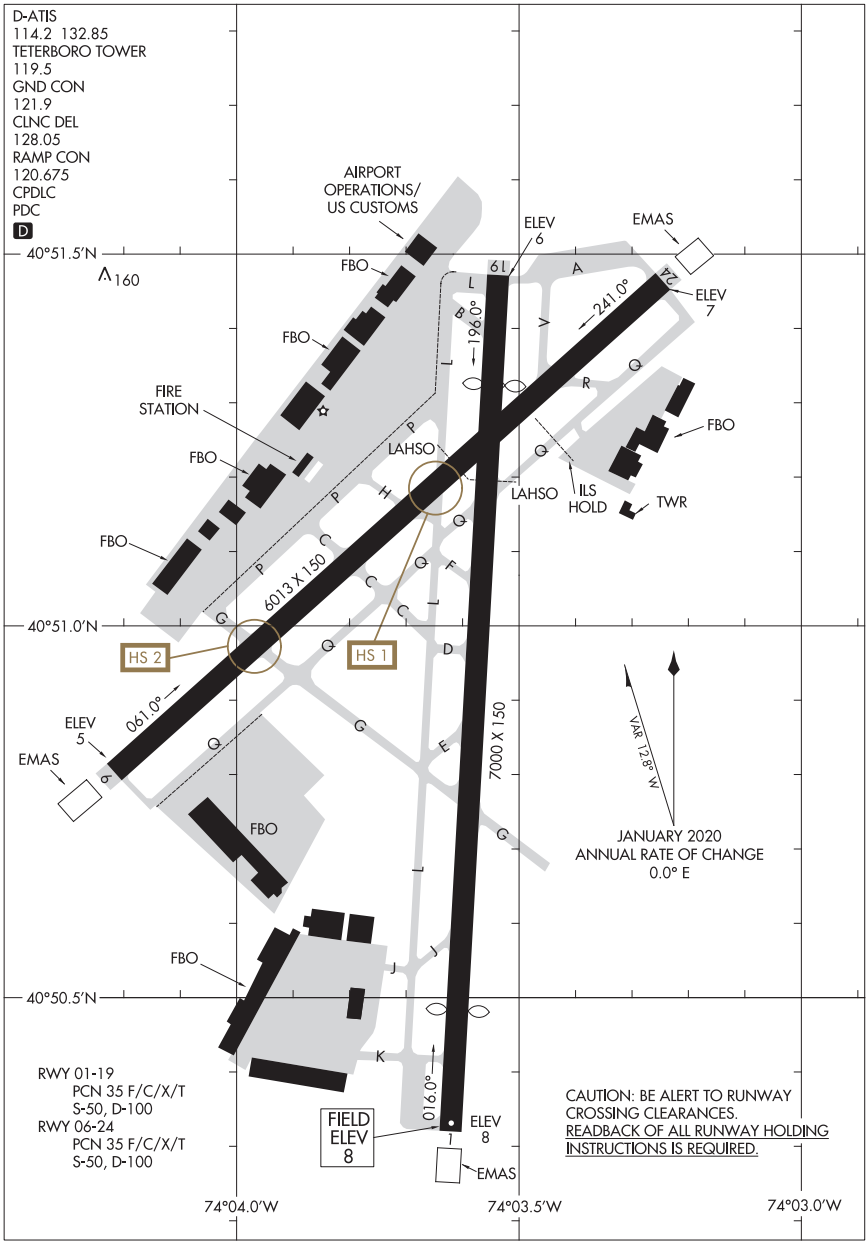
SYRACUSE HANCOCK INTL (SYR)

20366

AIRPORT DIAGRAM

AL-890 (FAA)

TETERBORO (TEB)
TETERBORO, NEW JERSEY



AIRPORT DIAGRAM
20366

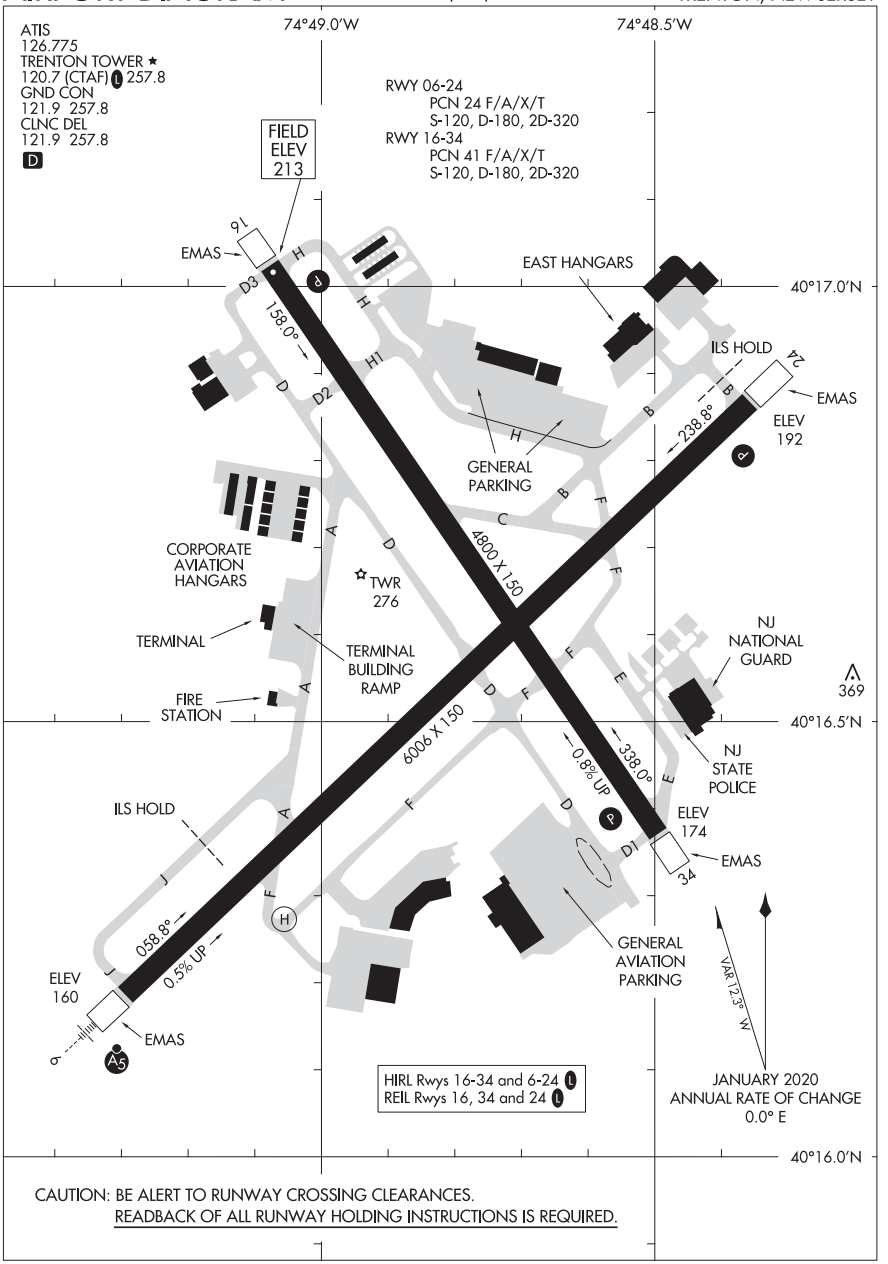
TETERBORO, NEW JERSEY
TETERBORO (TEB)

23278

AIRPORT DIAGRAM

AL-982 (FAA)

TRENTON MERCER (TTN)
TRENTON, NEW JERSEY



AIRPORT DIAGRAM
23278

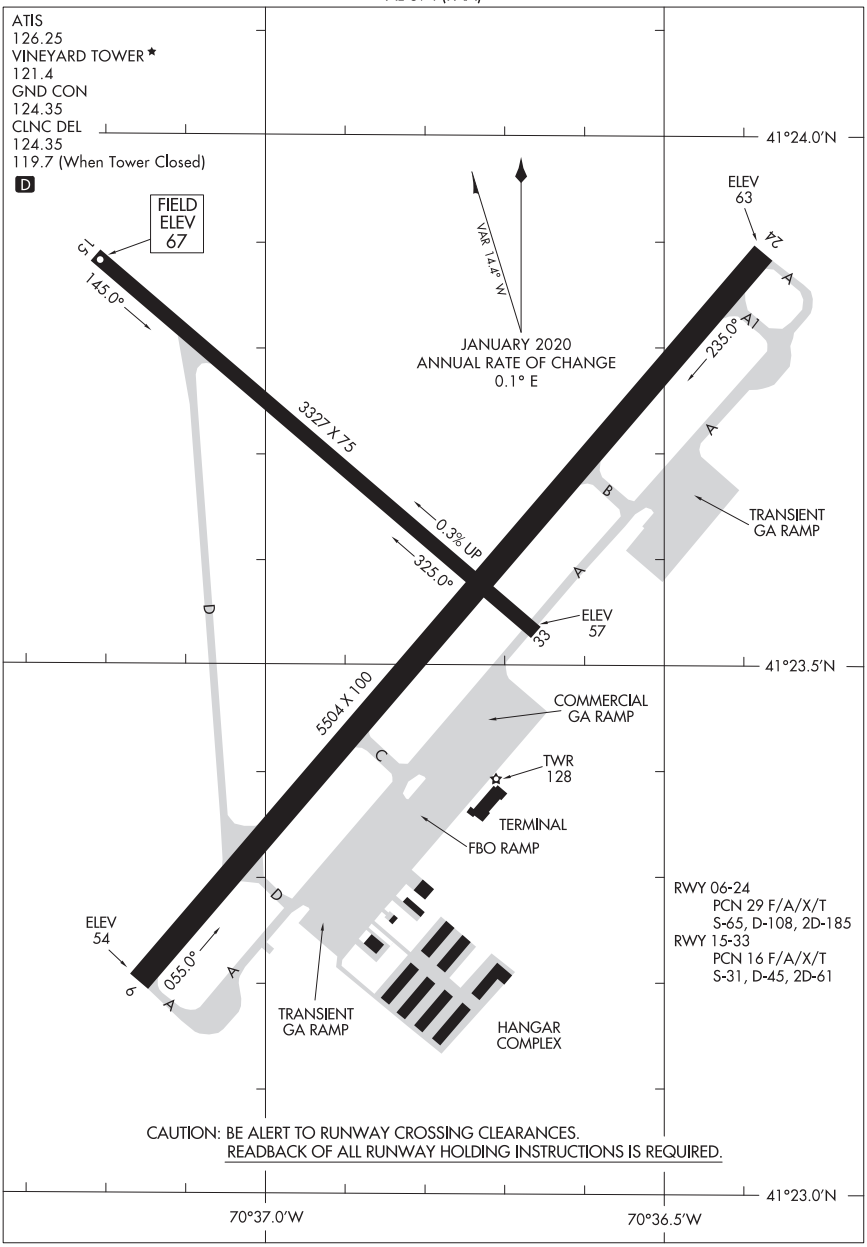
TRENTON, NEW JERSEY
TRENTON MERCER (TTN)

22083

AIRPORT DIAGRAM

AL-694 (FAA)

MARTHA'S VINEYARD (MVY)
VINEYARD HAVEN, MASSACHUSETTS



CAUTION: BE ALERT TO RUNWAY CROSSING CLEARANCES.
READBACK OF ALL RUNWAY HOLDING INSTRUCTIONS IS REQUIRED.

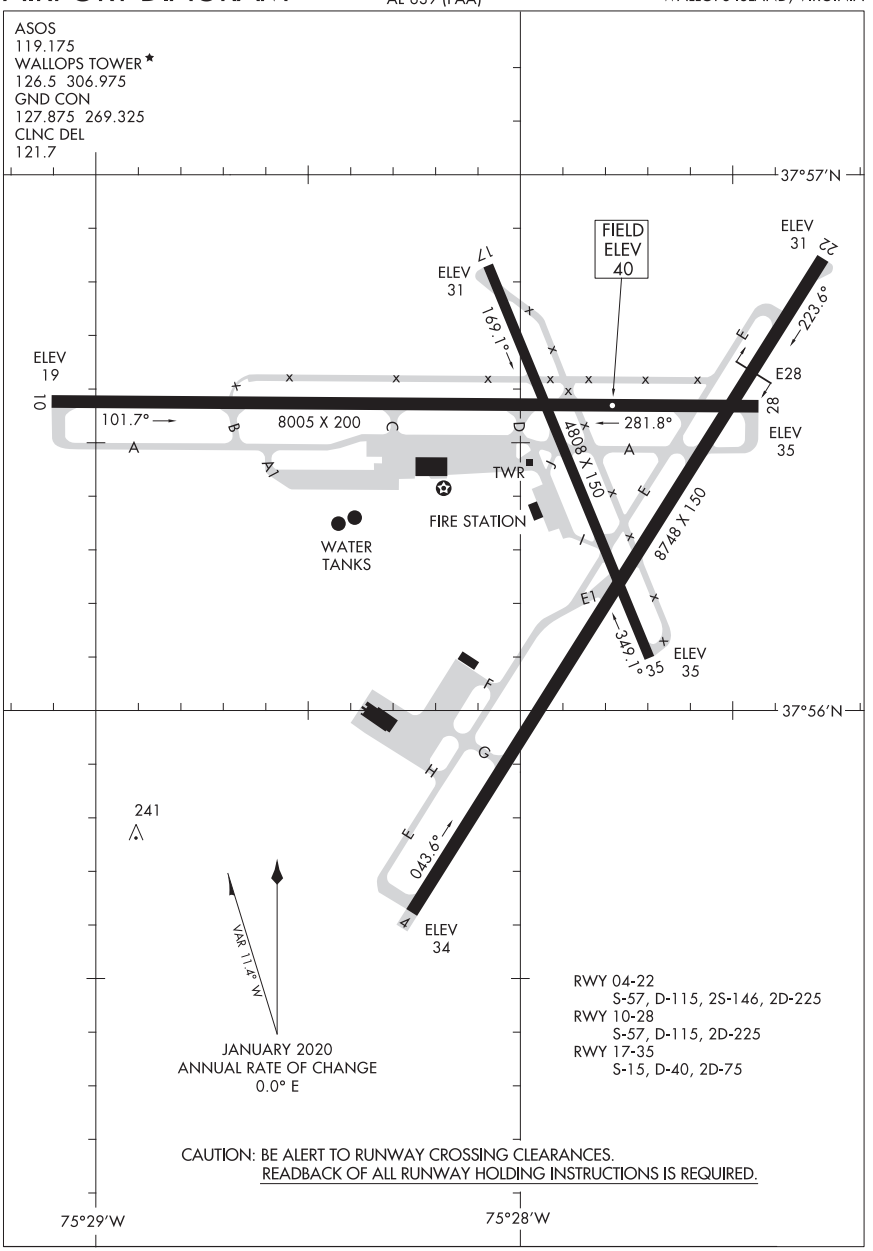
AIRPORT DIAGRAM
22083
VINEYARD HAVEN, MASSACHUSETTS
MARTHA'S VINEYARD (MVY)

20086

AIRPORT DIAGRAM

AL-639 (FAA)

WALLOPS FLIGHT FACILITY (WAL)
WALLOPS ISLAND, VIRGINIA



AIRPORT DIAGRAM
20086
WALLOPS ISLAND, VIRGINIA
WALLOPS FLIGHT FACILITY (WAL)

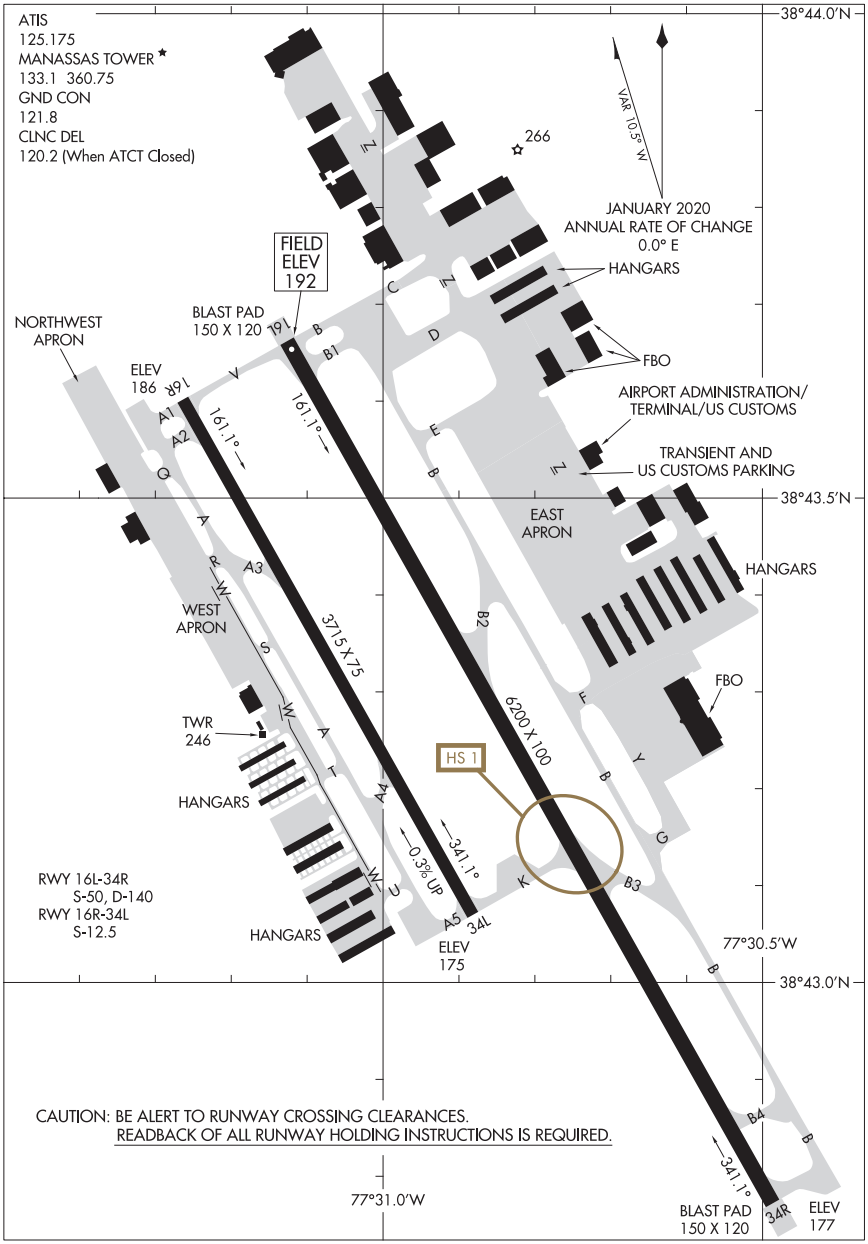
23334

AIRPORT DIAGRAM

MANASSAS RGNL/HARRY P DAVIS FLD (HEF)

AL-5326 (FAA)

WASHINGTON, D.C.



AIRPORT DIAGRAM

23334

WASHINGTON, D.C.

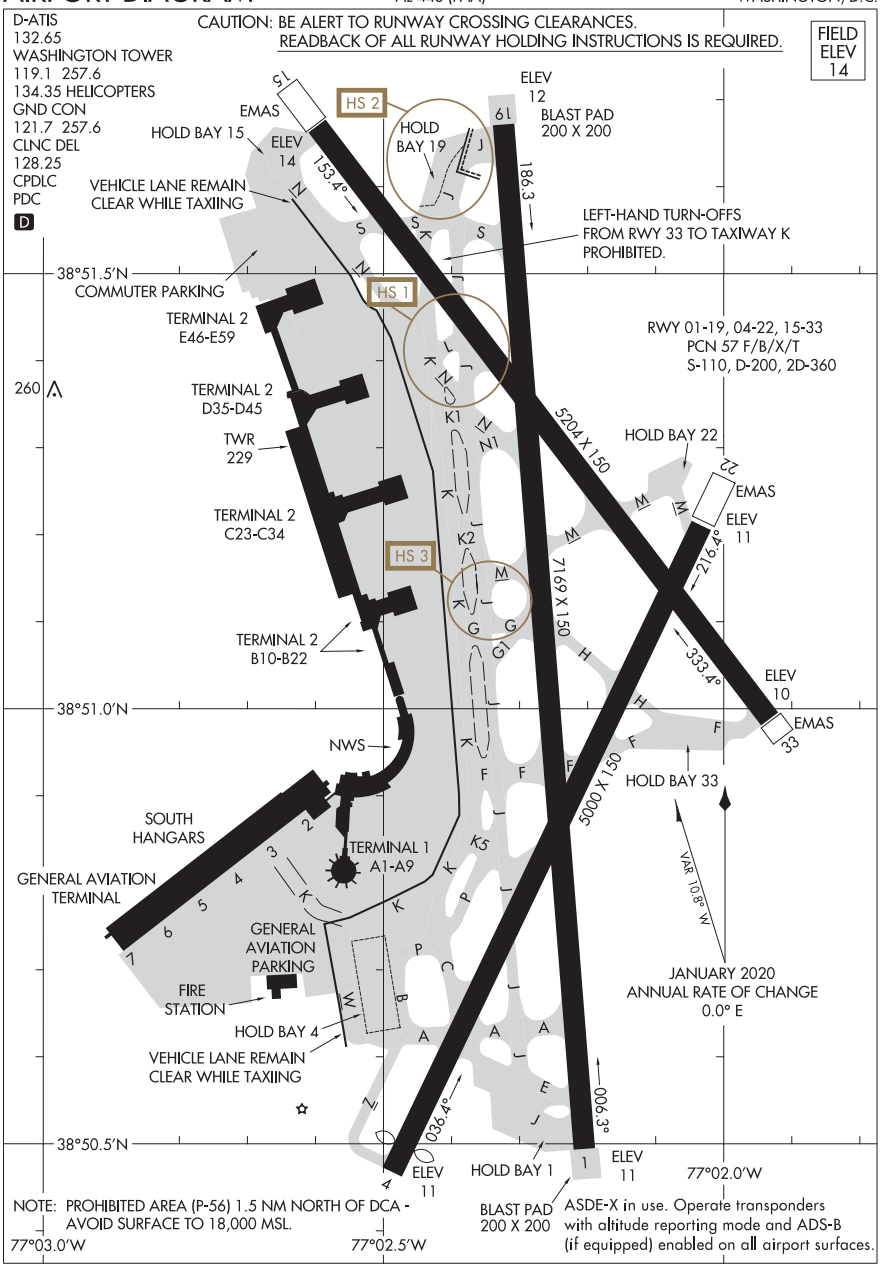
MANASSAS RGNL/HARRY P DAVIS FLD (HEF)

23334

AIRPORT DIAGRAM

RONALD REAGAN WASHINGTON NTL (DCA)

AL-443 (FAA) WASHINGTON, D.C.

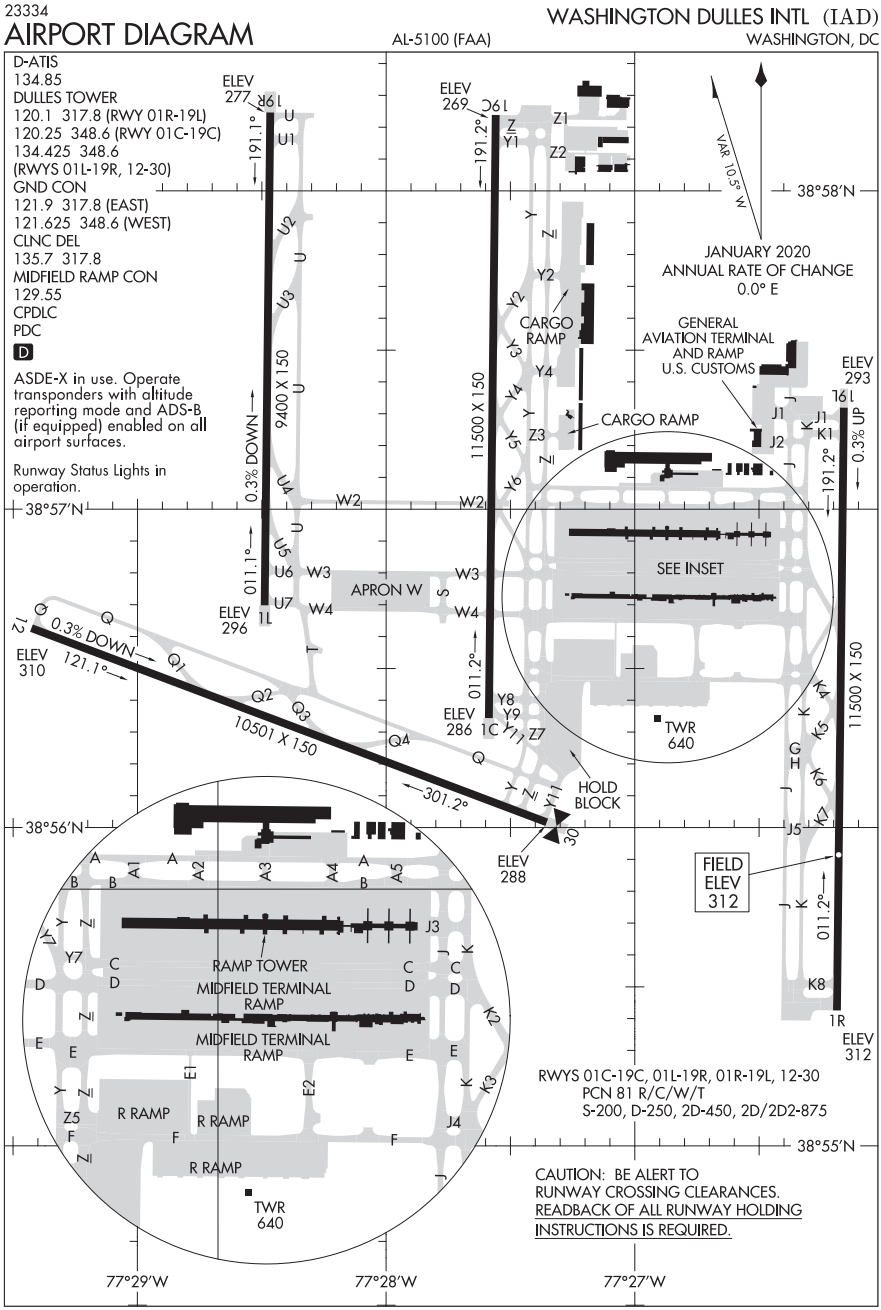


AIRPORT DIAGRAM

23334

RONALD REAGAN WASHINGTON NTL (DCA)

WASHINGTON, D.C.

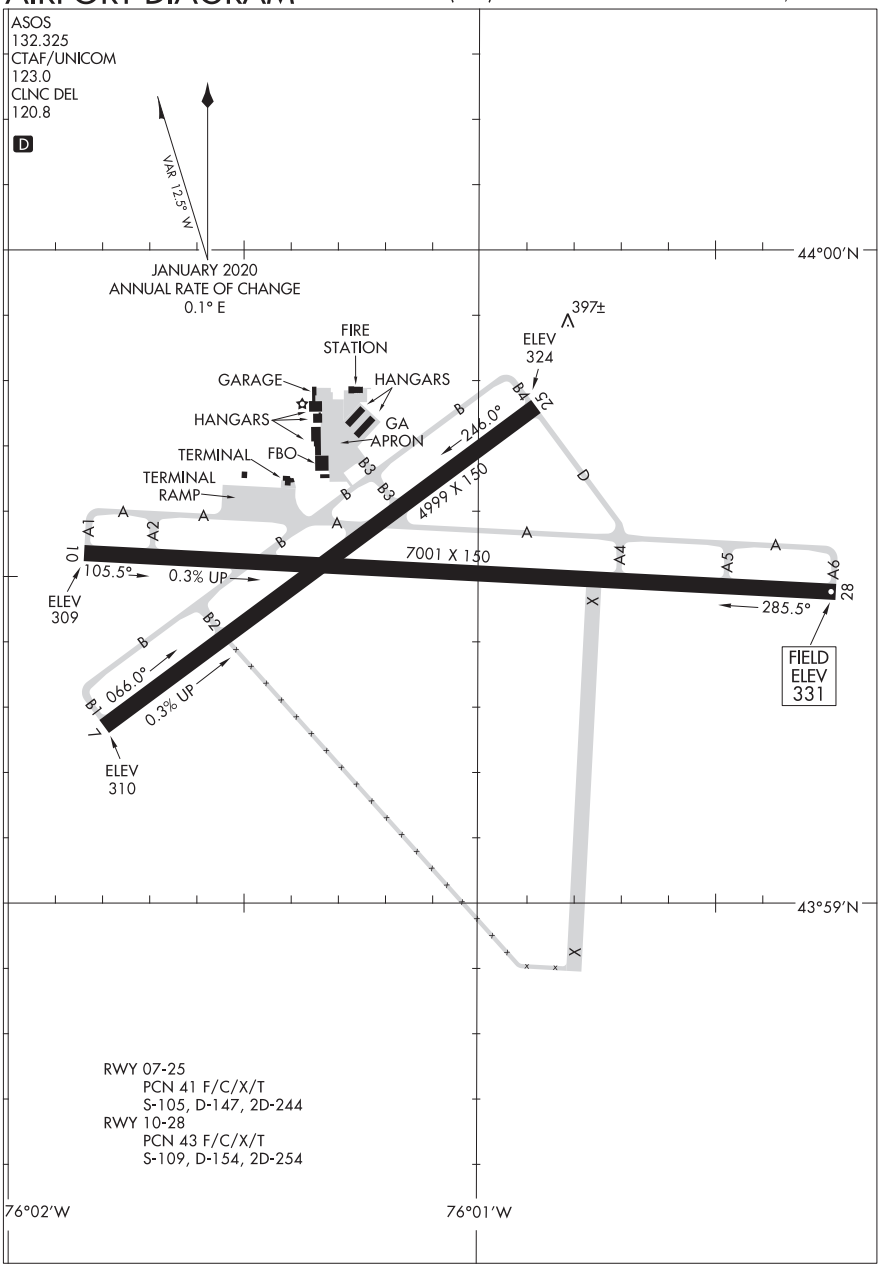

23334
AIRPORT DIAGRAM
AL-5100 (FAA)
WASHINGTON DULLES INTL (IAD)
WASHINGTON, DC
D-ATIS
134.85
DULLES TOWER
120.1 317.8 (RWY 01R-19L)
120.25 348.6 (RWY 01C-19C)
134.425 348.6
(RWYS 01L-19R, 12-30)
GND CON
121.9 317.8 (EAST)
121.625 348.6 (WEST)
CLNC DEL
135.7 317.8
MIDFIELD RAMP CON
129.55
CPDLC
PDC
D
ASDE-X in use. Operate transponders with altitude reporting mode and ADS-B (if equipped) enabled on all airport surfaces.
Runway Status Lights in operation.
ELEV 277
ELEV 269
ELEV 293
ELEV 296
ELEV 310
ELEV 286
ELEV 288
FIELD ELEV 312
191.1°
191.2°
011.1°
011.2°
121.1°
301.2°
0.3% DOWN
0.3% UP
9400 X 150
11500 X 150
10501 X 150
VAR 10.5° W
JANUARY 2020
ANNUAL RATE OF CHANGE
0.0° E
38°58'N
38°57'N
38°56'N
38°55'N
77°29'W
77°28'W
77°27'W
CARGO RAMP
GENERAL AVIATION TERMINAL AND RAMP U.S. CUSTOMS
APRON W
SEE INSET
HOLD BLOCK
TWR 640
RAMP TOWER
MIDFIELD TERMINAL RAMP
R RAMP
RWYS 01C-19C, 01L-19R, 01R-19L, 12-30
PCN 81 R/C/W/T
S-200, D-250, 2D-450, 2D/2D2-875
CAUTION: BE ALERT TO RUNWAY CROSSING CLEARANCES. READBACK OF ALL RUNWAY HOLDING INSTRUCTIONS IS REQUIRED.
AIRPORT DIAGRAM
23334
WASHINGTON, DC
WASHINGTON DULLES INTL (IAD)

23166

AIRPORT DIAGRAM

AL-666 (FAA)

WATERTOWN INTL (ART)
WATERTOWN, NEW YORK



AIRPORT DIAGRAM

23166

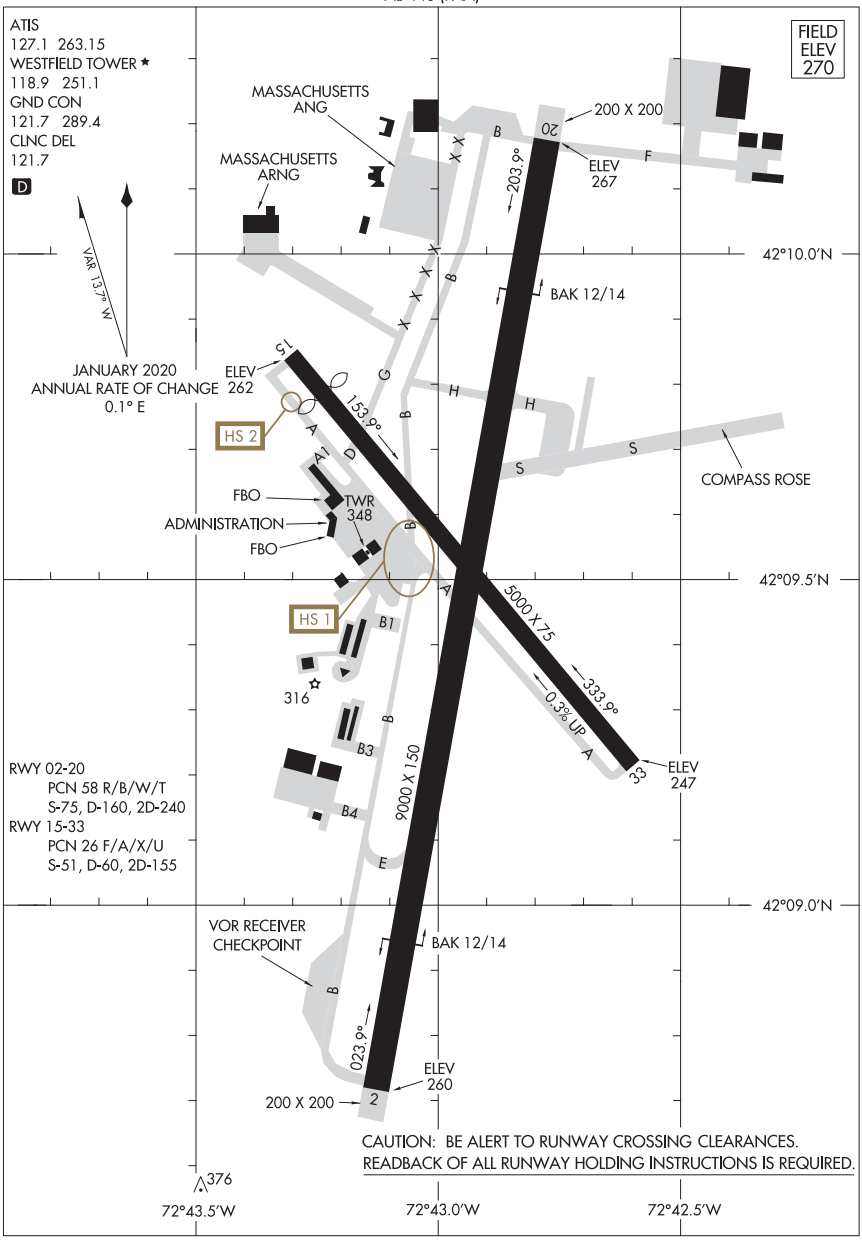
WATERTOWN, NEW YORK
WATERTOWN INTL (ART)

22027

AIRPORT DIAGRAM

AL-446 (FAA)

WESTFIELD-BARNES RGNL (BAF)
WESTFIELD/SPRINGFIELD, MASSACHUSETTS



AIRPORT DIAGRAM

22027

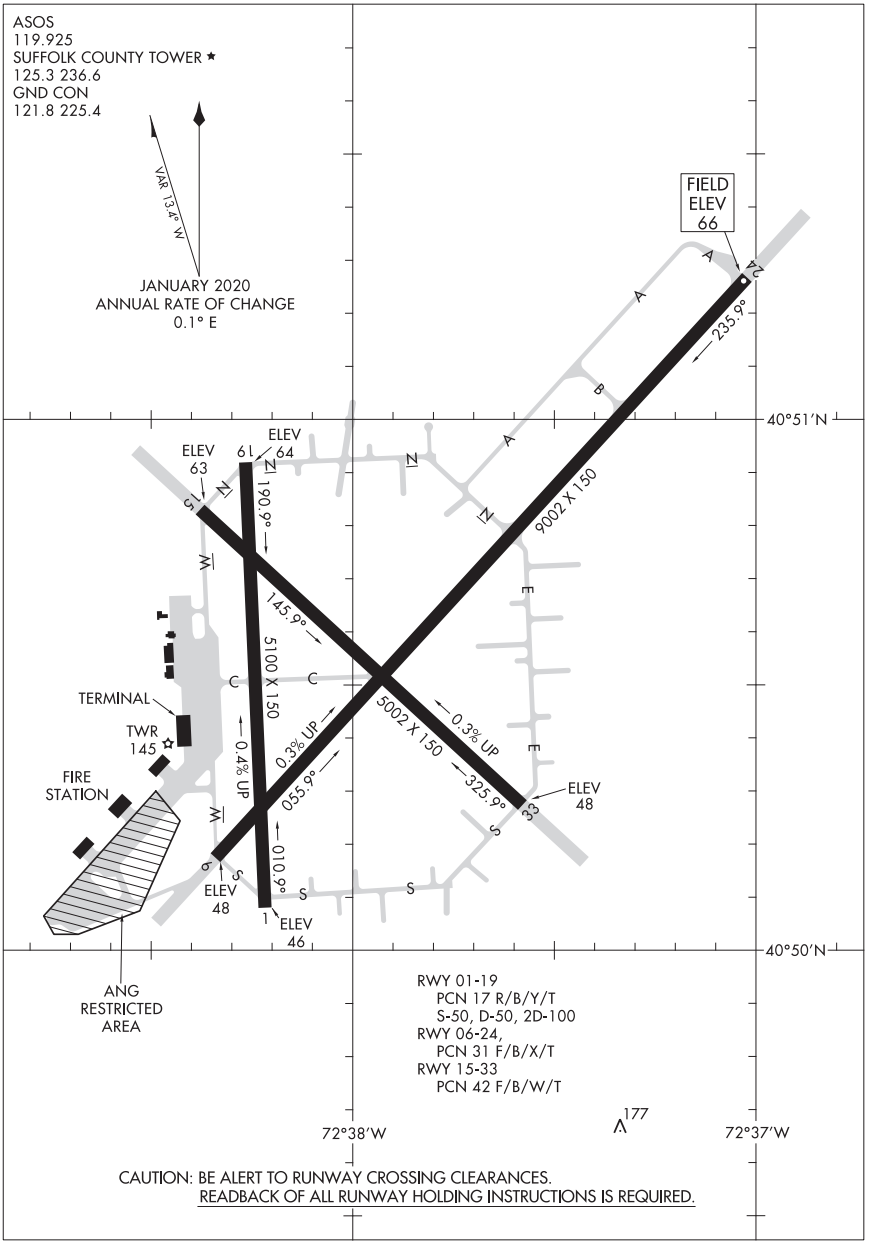
WESTFIELD/SPRINGFIELD, MASSACHUSETTS
WESTFIELD-BARNES RGNL (BAF)

21168

AIRPORT DIAGRAM

AL-996 (FAA)

FRANCIS S GABRESKI (FOK)
WESTHAMPTON BEACH, NEW YORK



AIRPORT DIAGRAM

WESTHAMPTON BEACH, NEW YORK
FRANCIS S GABRESKI (FOK)

21168

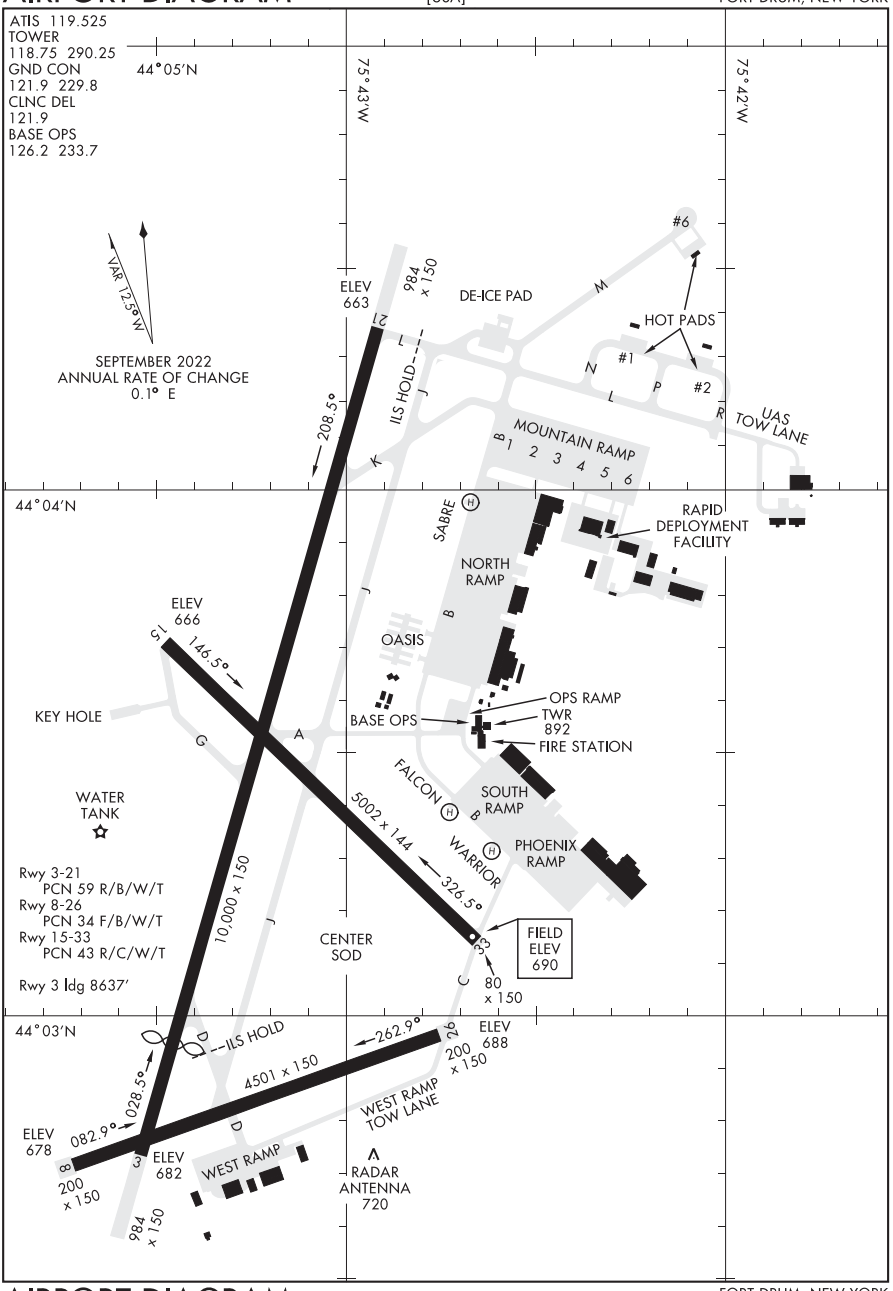
23334

AIRPORT DIAGRAM

WHEELER-SACK AAF (KGTB)

[USA]

FORT DRUM, NEW YORK



AIRPORT DIAGRAM

FORT DRUM, NEW YORK

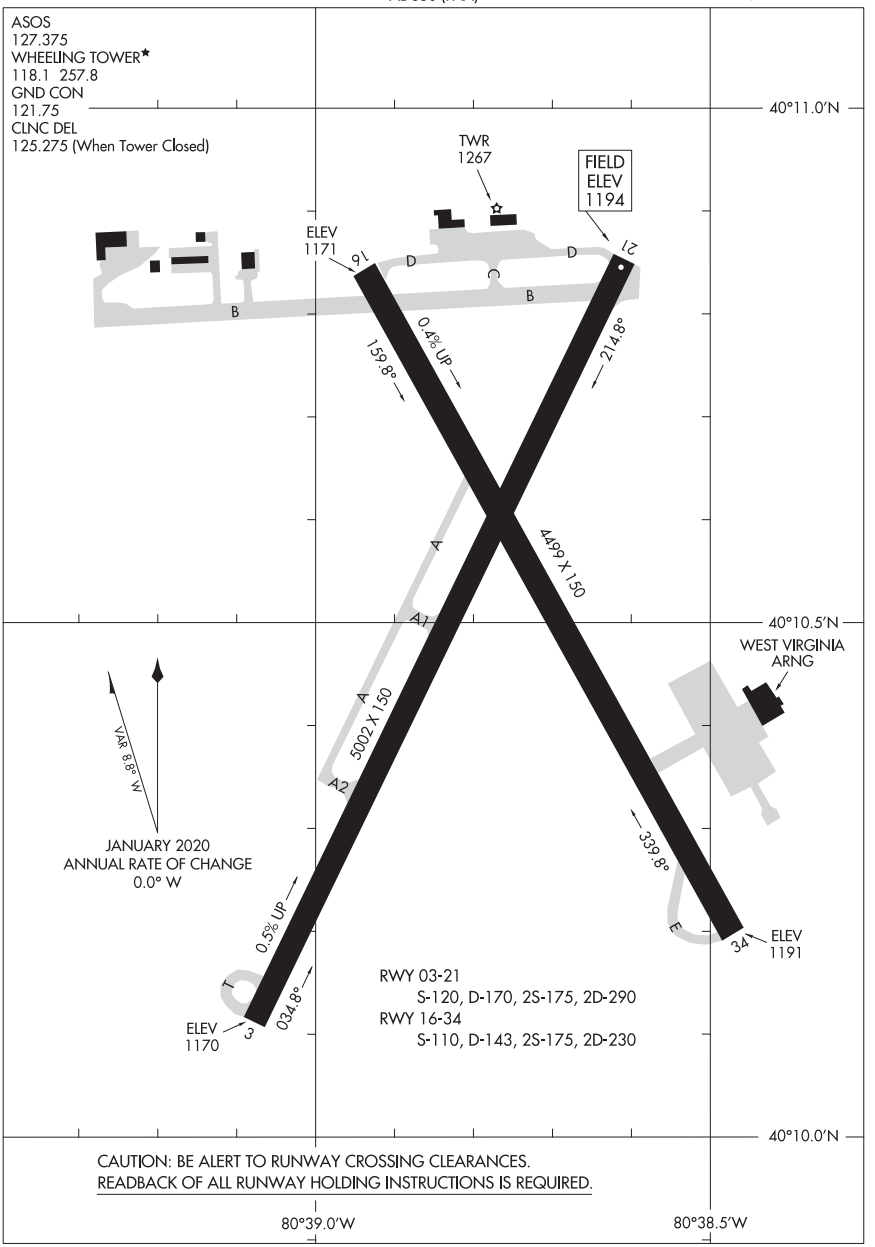
WHEELER-SACK AAF (KGTB)

20086

AIRPORT DIAGRAM

AL-650 (FAA)

WHEELING OHIO COUNTY (HLG)
WHEELING, WEST VIRGINIA



AIRPORT DIAGRAM
20086

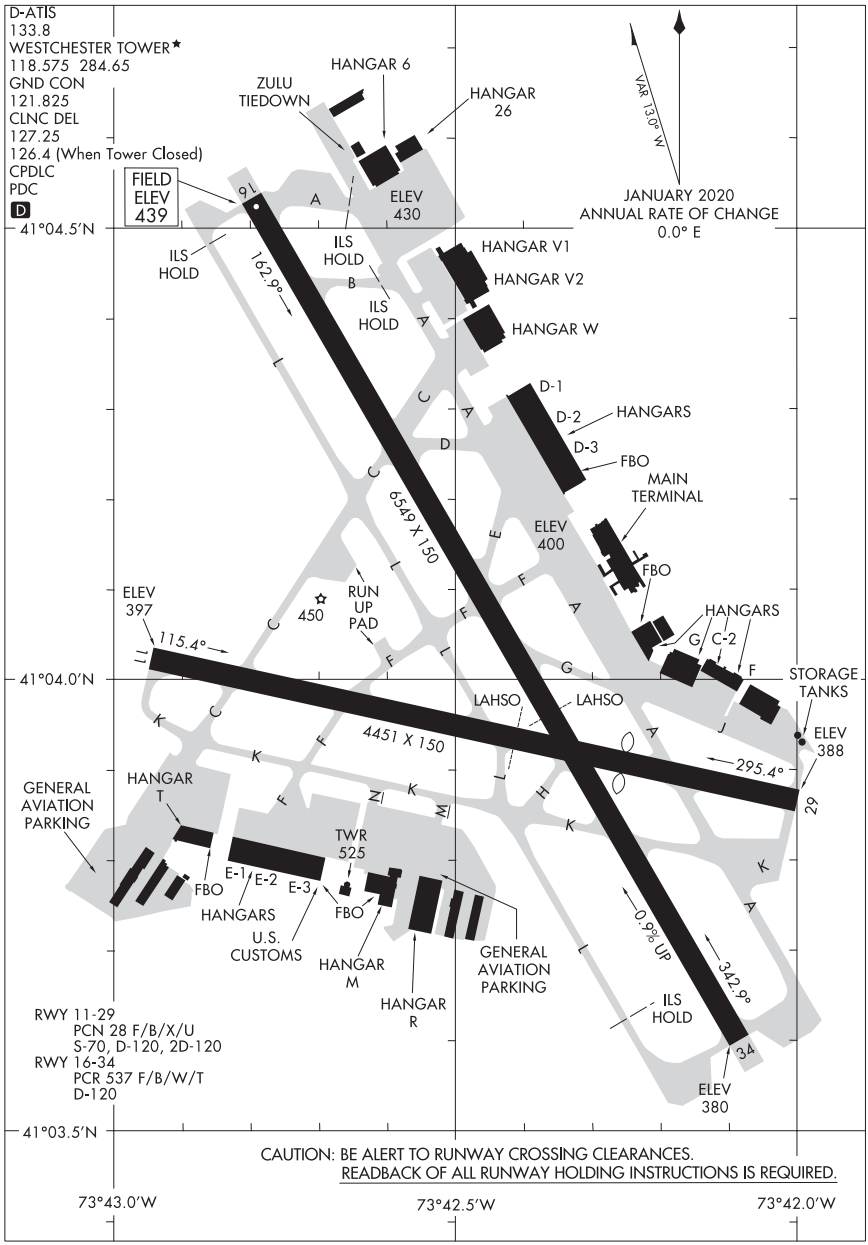
WHEELING, WEST VIRGINIA
WHEELING OHIO COUNTY (HLG)

22307

AIRPORT DIAGRAM

AL-651 (FAA)

WESTCHESTER COUNTY (HPN)
WHITE PLAINS, NEW YORK



AIRPORT DIAGRAM

22307

WHITE PLAINS, NEW YORK
WESTCHESTER COUNTY (HPN)

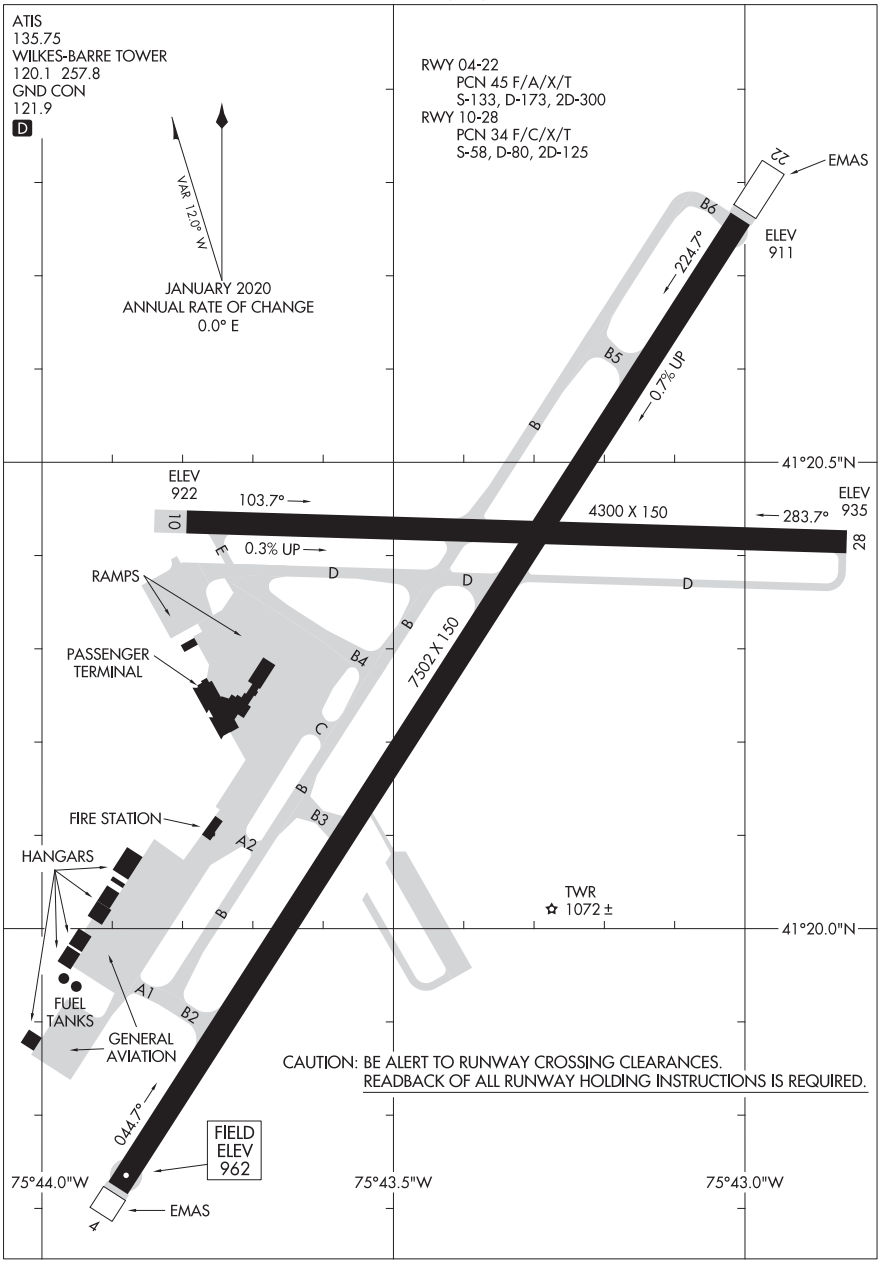
23166

AIRPORT DIAGRAM

WILKES-BARRE/SCRANTON INTL (AVP)

AL-661 (FAA)

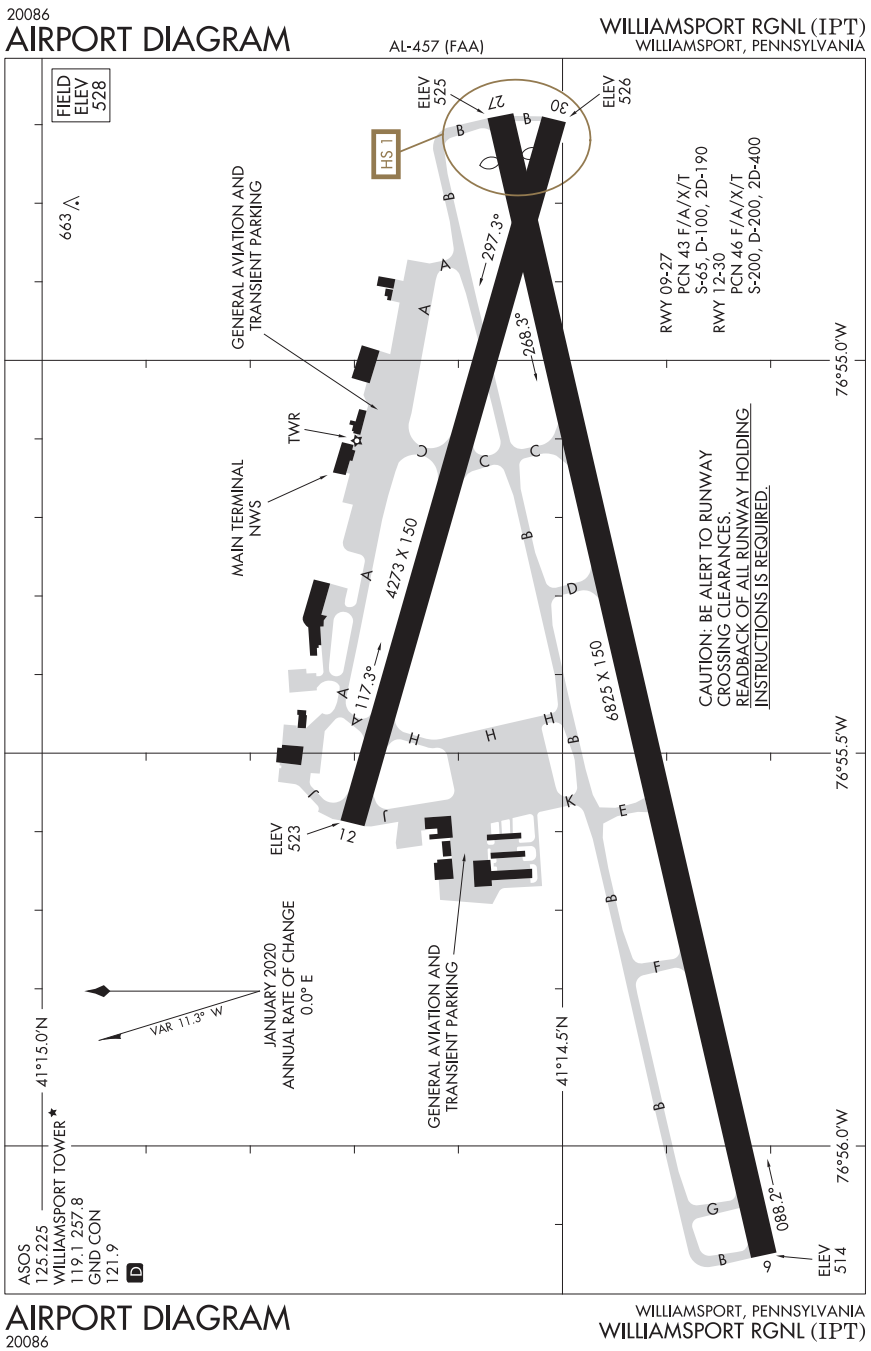
WILKES-BARRE/SCRANTON, PENNSYLVANIA



AIRPORT DIAGRAM

23166

WILKES-BARRE/SCRANTON, PENNSYLVANIA
WILKES-BARRE/SCRANTON INTL (AVP)

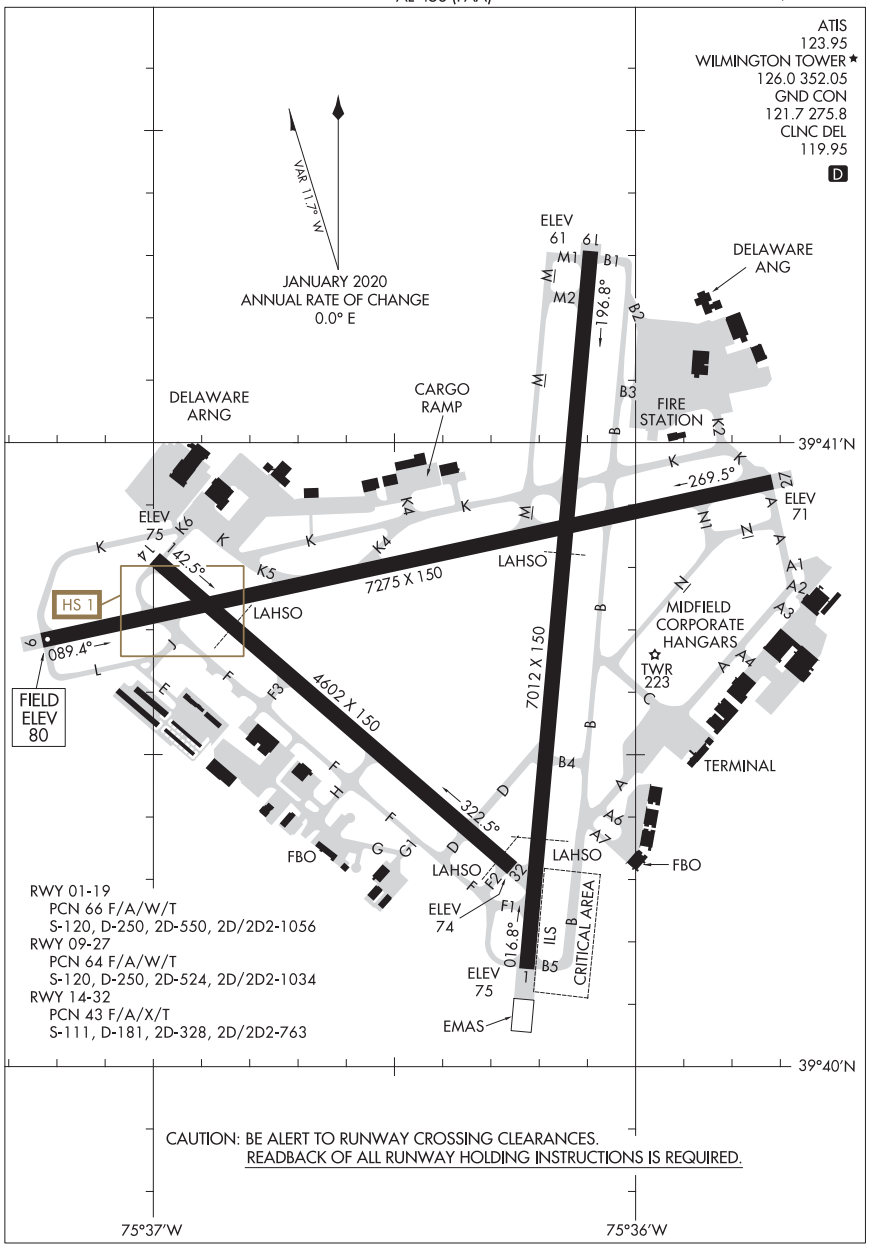

20086
AIRPORT DIAGRAM
AL-457 (FAA)
WILLIAMSPORT RGNL (IPT)
WILLIAMSPORT, PENNSYLVANIA
FIELD ELEV 528
663
ELEV 525
ELEV 526
HS 1
27
30
297.3°
268.3°
GENERAL AVIATION AND TRANSIENT PARKING
MAIN TERMINAL NWS
TWR
4273 X 150
117.3°
6825 X 150
RWY 09-27
PCN 43 F/A/X/T
S-65, D-100, 2D-190
RWY 12-30
PCN 46 F/A/X/T
S-200, D-200, 2D-400
CAUTION: BE ALERT TO RUNWAY CROSSING CLEARANCES, READBACK OF ALL RUNWAY HOLDING INSTRUCTIONS IS REQUIRED.
ELEV 523
12
ELEV 514
9
088.2°
GENERAL AVIATION AND TRANSIENT PARKING
JANUARY 2020
ANNUAL RATE OF CHANGE
0.0° E
VAR 11.3° W
41°15.0'N
41°14.5'N
76°55.0'W
76°55.5'W
76°56.0'W
ASOS
125.225
WILLIAMSPORT TOWER
119.1 257.8
GND CON
121.9
D
AIRPORT DIAGRAM
20086
WILLIAMSPORT, PENNSYLVANIA
WILLIAMSPORT RGNL (IPT)

23110

AIRPORT DIAGRAM

AL-458 (FAA)

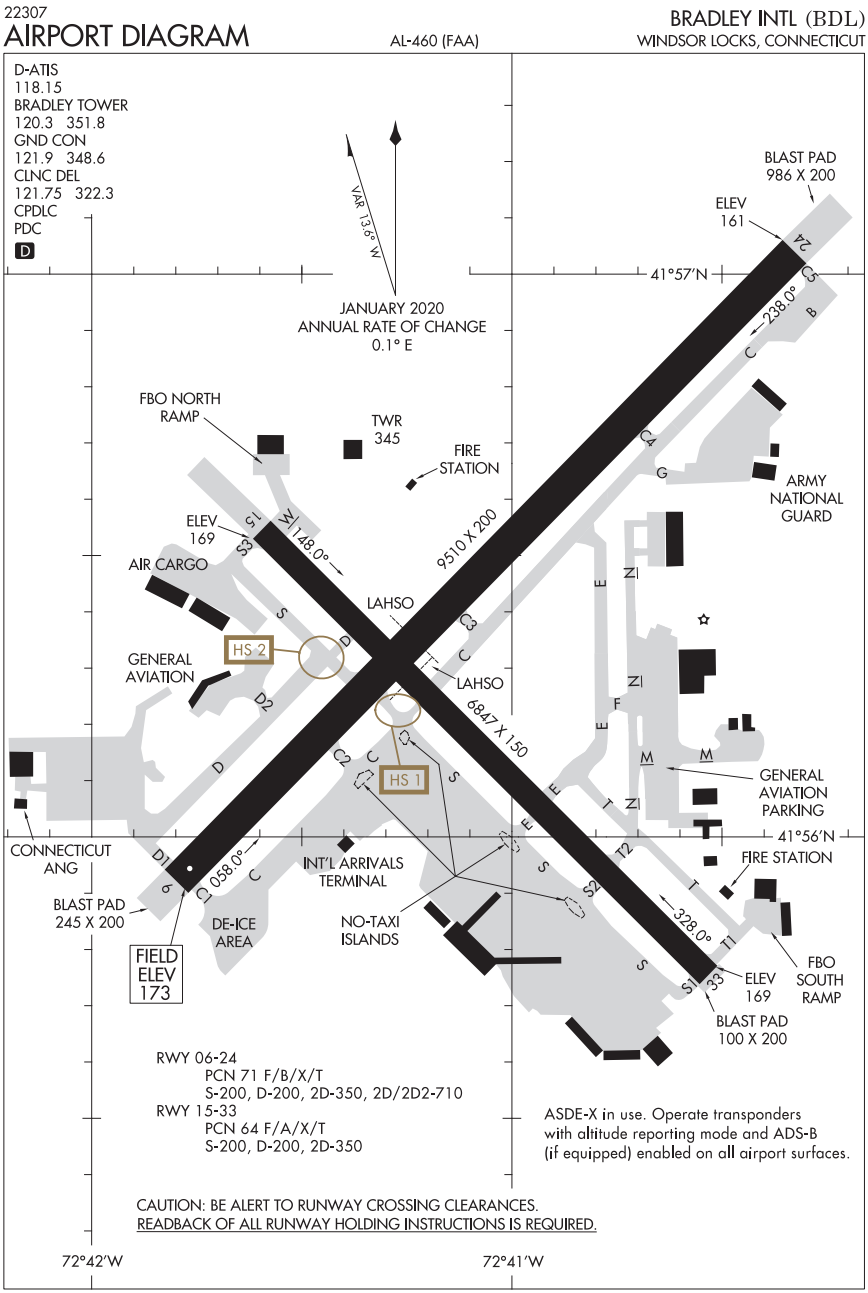
NEW CASTLE (ILG)
WILMINGTON, DELAWARE

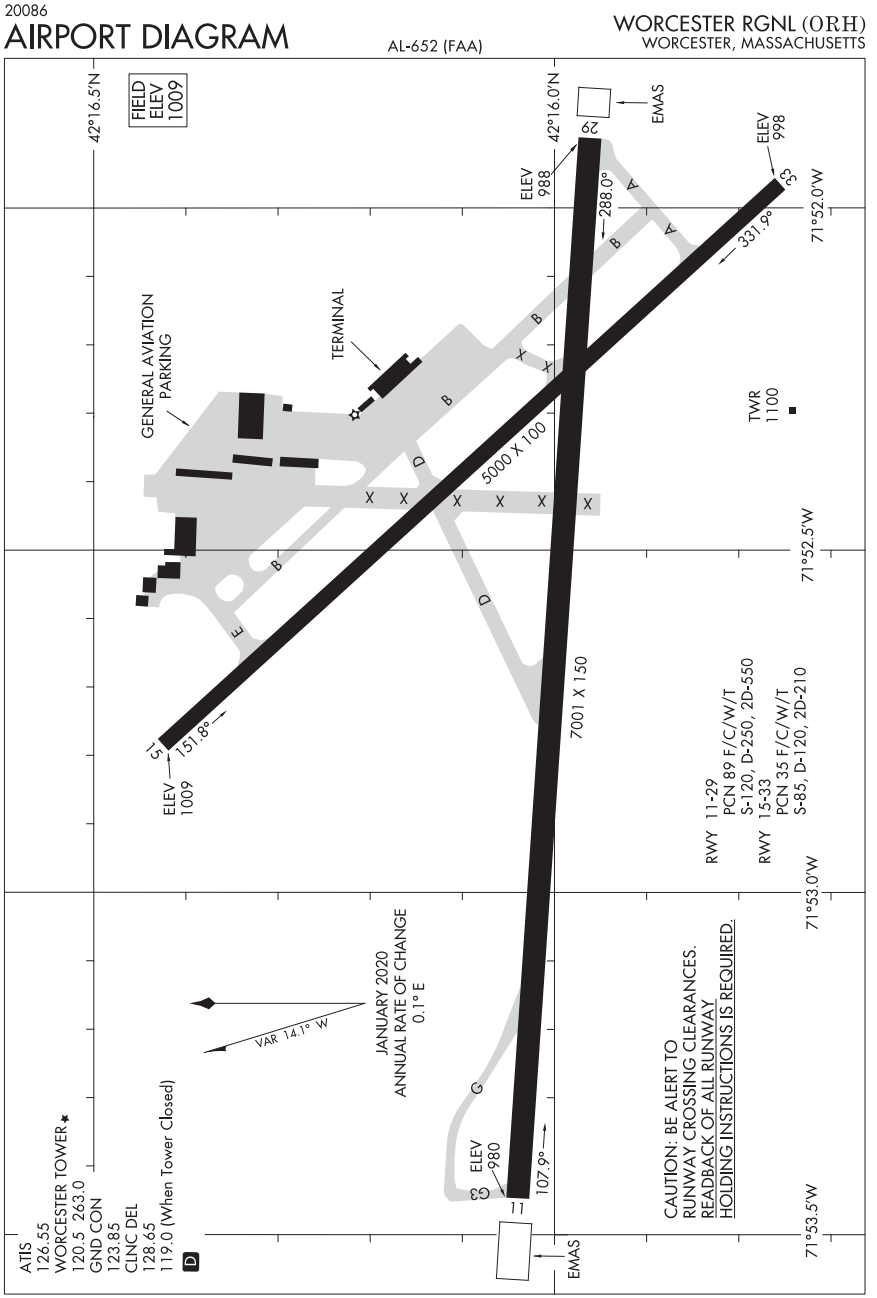


AIRPORT DIAGRAM

23110

WILMINGTON, DELAWARE
NEW CASTLE (ILG)


22307
AIRPORT DIAGRAM
AL-460 (FAA)
BRADLEY INTL (BDL)
WINDSOR LOCKS, CONNECTICUT
D-ATIS
118.15
BRADLEY TOWER
120.3 351.8
GND CON
121.9 348.6
CLNC DEL
121.75 322.3
CPDLC
PDC
D
VAR 13.6° W
JANUARY 2020
ANNUAL RATE OF CHANGE
0.1° E
BLAST PAD
986 X 200
ELEV
161
24
41°57′N
238.0°
FBO NORTH
RAMP
TWR
345
FIRE
STATION
ARMY
NATIONAL
GUARD
ELEV
169
15
33
148.0°
9510 X 200
AIR CARGO
LAHSO
HS 2
GENERAL
AVIATION
LAHSO
6847 X 150
HS 1
GENERAL
AVIATION
PARKING
41°56′N
CONNECTICUT
ANG
058.0°
INT'L ARRIVALS
TERMINAL
FIRE STATION
BLAST PAD
245 X 200
DE-ICE
AREA
NO-TAXI
ISLANDS
328.0°
FIELD
ELEV
173
ELEV
169
FBO
SOUTH
RAMP
BLAST PAD
100 X 200
RWY 06-24
PCN 71 F/B/X/T
S-200, D-200, 2D-350, 2D/2D2-710
RWY 15-33
PCN 64 F/A/X/T
S-200, D-200, 2D-350
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.
72°42′W
72°41′W
AIRPORT DIAGRAM
22307
WINDSOR LOCKS, CONNECTICUT
BRADLEY INTL (BDL)

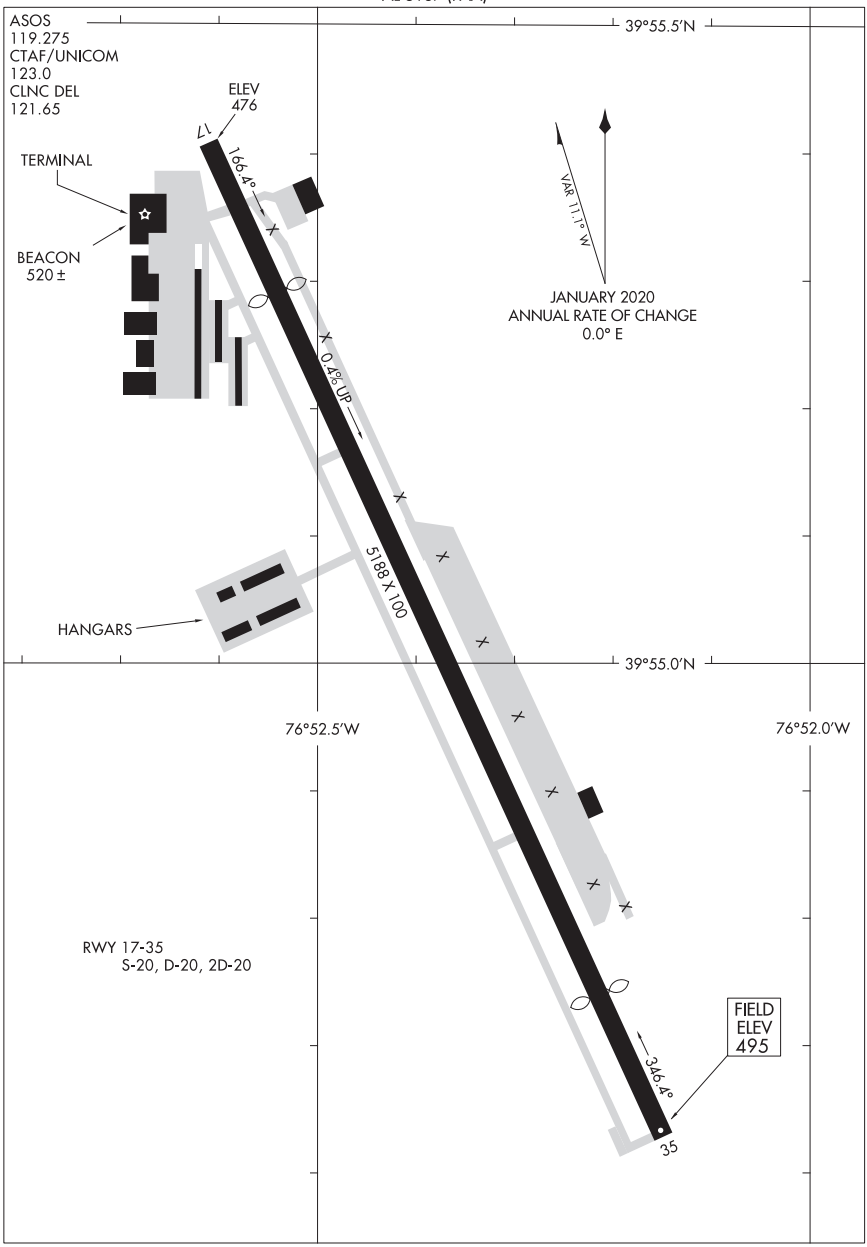

20086
AIRPORT DIAGRAM
AL-652 (FAA)
WORCESTER RGNL (ORH)
WORCESTER, MASSACHUSETTS
42°16.5'N
42°16.0'N
71°52.0'W
71°52.5'W
71°53.0'W
71°53.5'W
FIELD ELEV 1009
GENERAL AVIATION PARKING
TERMINAL
5000 X 100
7001 X 150
ELEV 1009
151.8°
ELEV 988
288.0°
ELEV 998
331.9°
ELEV 980
107.9°
EMAS
TWR 1100
RWY 11-29
PCN 89 F/C/W/T
S-120, D-250, 2D-550
RWY 15-33
PCN 35 F/C/W/T
S-85, D-120, 2D-210
CAUTION: BE ALERT TO
RUNWAY CROSSING CLEARANCES.
READBACK OF ALL RUNWAY
HOLDING INSTRUCTIONS IS REQUIRED.
VAR 14.1° W
JANUARY 2020
ANNUAL RATE OF CHANGE
0.1° E
ATIS
126.55
WORCESTER TOWER
120.5 263.0
GND CON
123.85
CLNC DEL
128.65
119.0 (When Tower Closed)
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

Submitting Pilot Weather Reports (PIREPs)

1. UA - Routine PIREP / UUA - Urgent PIREP

2. /OV - Location: Use Airport or NAVAID identifiers only.

- Location can be reported as a single fix, radial DME, or a route segment (Fix- Fix)

Examples: /OV LAX, /OV LAX-SLI120005, /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

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PIREP FORM

3 or 4 letter Identifier

____ ____ ____ ____	1. **UA**____ **Routine** **UUA**____ **Urgent**
2. **/OV**	Location
3. **/TM**	Time
4. **/FL**	Altitude/Flight Level
5. **/TP**	Aircraft Type
Items 1 through 5 are mandatory for all PIREPs	
6. **/SK**	Sky Condition
7. **/WX**	Flight Visibility & Weather
8. **/TA**	Temperature (Celsius)
9. **/WV**	Wind
10. **/TB**	Turbulence
11. **/IC**	Icing
12. **/RM**	Remarks

FAA Form 7110-2 (9/19) Supersedes Previous Edition