Federal Aviation Administration

TM

U.S. Terminal Procedures Publication

Northeast (NE) Vol 2 of 4

Effective: 0901Z

10 SEP 2020

to: 0901Z

05 NOV 2020

Consult the Change Notice (CN) effective 08 OCT 2020 for revised Instrument Procedure Charts for this volume

Consult NOTAMs for latest information

Consult/Subscribe to FAA Safety Alerts and Charting Notices at:

http://www.faa.gov/air_traffic/flight_info/aeronav/safety_alerts/

Published from digital files compiled in accordance with Interagency Air Committee specifications and agreements approved by Department of Defense - Federal Aviation Administration

TABLE OF CONTENTS

Inoperative Components or Visual Aids Table....A1
Explanation of Terms/Landing Minima Data....B1
General Information....C1
Abbreviations....D1
Legend — IAP Planview....E1
Legend — IAP Profile....F1
Legend — Departure Procedures and Standard Terminal Arrival Charts....G1
Legend — Airport Diagram/Sketch....H1
Legend — Approach Lighting Systems....I1
Frequency Pairing....J1
Index of Terminal Charts and Minimums....K1
IFR Takeoff Minimums, Departure Procedures, and Diverse Vector Area (Radar Vectors)....L1
IFR Alternate Airport Minimums....M1
Radar Minimums....N1
Land and Hold-Short Operations (LAHSO)....O1
Hot Spots....P1
Standard Terminal Arrival Charts....Z1
Terminal Charts....Page 1
Rate of Climb/Descent Table....Inside Back Cover
Area of Coverage....Outside Back Cover

CORRECTIONS, COMMENTS AND/OR PROCUREMENT

FOR CHARTING ERRORS, OR FOR CHANGES, ADDITIONS, RECOMMENDATIONS ON PROCEDURAL ASPECTS CONTACT:
FAA, Aeronautical Information Services
1305 East-West Highway
SSMC 4, Room 3424
Silver Spring, MD 20910
Telephone: 1-800-638-8972
https://www.faa.gov/air_traffic/flight_info/aeronav/aero_data/

For inquiries regarding military charts, please contact aerohelp@nga.mil

FOR PROCUREMENT:
For digital products, visit our website at:
https://www.faa.gov/air_traffic/flight_info/aeronav/digital_products/

For a list of approved FAA Print Providers, visit our website at:
https://www.faa.gov/air_traffic/flight_info/aeronav/print_providers/

Frequently asked questions (FAQ) are answered on our website at https://www.faa.gov/go/ais
See the FAQs prior to contact via toll free number or email.

Request for the creation or revisions to Airport Diagrams should be in accordance with FAA Order 7910.4.

INOP COMPONENTS 19339

INOPERATIVE COMPONENTS OR VISUAL AIDS TABLE
(For Civil Use Only)

Straight-in and Sidestep landing minimums published on instrument approach procedure charts are based on full operation of all components and visual aids (see exception below for ALSF 1 & 2) associated with the particular approach chart being used. Higher minimums are required with inoperative components or visual aids as indicated below. If more than one component is inoperative, each minimum is raised to the highest minimum required by any single component that is inoperative. ILS glideslope inoperative minimums are published on the instrument approach charts as localizer minimums. This table applies to approach categories A thru D and is to be used unless amended by notes on the approach chart. Such notes apply only to the particular approach category(ies) as stated. Category E inoperative notes will be specified when published on civil charts. The inoperative table does not apply to Circling minimums. See legend page for description of components indicated below.

Full Operation Exception: For ALSF 1 & 2 operated as SSALR, or when the sequenced flashing lights are inoperative, there is no effect on visibility for ILS lines of minima.

(1) ILS, PAR, LPV, GLS minima

Inoperative Component or Visual Aid	Increase Visibility
All ALS types (except ODALS)	¼ mile

(2) ILS, LPV, GLS with visibility minima of RVR 1800†/2000*/2200*

Inoperative Component or Visual Aid	Increase Visibility
ALSF 1 & 2, MALSR, SSALR	To RVR 4000† To RVR 4500*
TDZL or RCLS	To RVR 2400#
RVR	To ½ mile

#For ILS, LPV, GLS procedures with a 200 foot HAT, RVR 1800 authorized with use of FD or AP or HUD to DA.

(3) All Approach Types and all lines of minima other than (1) & (2) above

Inoperative Component or Visual Aid	Increase Visibility
ALSF 1 & 2, MALSR, SSALR	½ mile
MALSF, MALS, SSALF, SSALS, SALSF, SALS	¼ mile

(4) Sidestep minima (CAT C-D)

Inoperative Component or Visual Aid to Sidestep Runway	Increase Visibility
ALSF 1 & 2, MALSR, SSALR	½ mile

(5) All Approach Types, All lines of minima

Inoperative Component or Visual Aid	Increase Visibility
ODALS (CAT A-B)	¼ mile
ODALS (CAT C-D)	⅛ mile

NE-2, 10 SEP 2020 to 05 NOV 2020

INOP COMPONENTS 19339

A1

TERMS/LANDING MINIMA DATA 20142

IFR LANDING MINIMA

The United States Standard for Terminal Instrument Procedures (TERPS) is the approved criteria for formulating instrument approach procedures. Landing minima are established for six aircraft approach categories (ABCDE and COPTER).
In the absence of COPTER MINIMA, helicopters may use the CAT A minimums of other procedures.

LANDING MINIMA FORMAT

In this example airport elevation is 1179, and runway touchdown zone elevation is 1152.

Visibility (RVR 100's of feet) — DA — Aircraft Approach Category — HAT

CATEGORY	A	B	C	D
S-ILS 27	1352/24		200 (200-½)	
S-LOC 27	1440/24	288	(300-½)	1440/50 288 (300-1)
CIRCLING	1540-1 361 (400-1)	1640-1 461 (500-1)	1640-1½ 461 (500-1½)	1740-2 561 (600-2)

Straight-in ILS to Runway 27

Straight-in with Glide Slope Inoperative or not used to Runway 27

All **weather** minimums in parentheses not applicable to Civil Pilots. Military Pilots refer to appropriate regulations.

MDA — HAA — Visibility in Statute Miles

COPTER MINIMA ONLY

CATEGORY	COPTER
H-176°	680-½ 363 (400-½)

Copter Approach Direction — Height of MDA/DA Above Landing Area (HAL) — No circling minimums are provided

NOTE: The W symbol indicates outages of the WAAS vertical guidance may occur daily at this location due to initial system limitations. WAAS NOTAMS for vertical outages are not provided for this approach. Use LNAV minima for flight planning at these locations, whether as a destination or alternate. For flight operations at these locations, when the WAAS avionics indicate that LNAV/VNAV or LPV service is available, then vertical guidance may be used to complete the approach using the displayed level of service. Should an outage occur during the procedure, reversion to LNAV minima may be required. As the WAAS coverage is expanded, the W will be removed.

RNAV minimums are dependent on navigation equipment capability, as stated in the applicable AFM, AFMS, or other FAA approved document. See AIM paragraph 5-4-5, AC 90-105 and AC 90-107 for detailed requirements for each line of minima.

COLD TEMPERATURE AIRPORTS

NOTE: A ❄-12°C symbol indicates a cold temperature altitude correction is required at this airport when reported temperature is at or below the published temperature. See the following Cold Temperature Error Table to make manual corrections. Advise ATC with altitude correction. Advising ATC with altitude corrections is not required in the final segment. See Aeronautical Information Manual (AIM), Chapter 7, for guidance and additional information. For a complete list, see the "Cold Temperature Airports" link under the Additional Resources heading at the bottom of the following page: http://www.faa.gov/air_traffic/flight_info/aeronav/digital_products/dtpp/search/

COLD TEMPERATURE ERROR TABLE

HEIGHT ABOVE AIRPORT IN FEET

REPORTED TEMP °C	200	300	400	500	600	700	800	900	1000	1500	2000	3000	4000	5000
+10	10	10	10	10	20	20	20	20	20	30	40	60	80	90
0	20	20	30	30	40	40	50	50	60	90	120	170	230	280
-10	20	30	40	50	60	70	80	90	100	150	200	290	390	490
-20	30	50	60	70	90	100	120	130	140	210	280	420	570	710
-30	40	60	80	100	120	140	150	170	190	280	380	570	760	950
-40	50	80	100	120	150	170	190	220	240	360	480	720	970	1210
-50	60	90	120	150	180	210	240	270	300	450	590	890	1190	1500

AIRCRAFT APPROACH CATEGORIES

Aircraft approach category indicates a grouping of aircraft based on a speed of VREF, if specified, or if VREF not specified, 1.3 VSO at the maximum certificated landing weight. VREF, VSO, and the maximum certificated landing weight are those values as established for the aircraft by the certification authority of the country of registry. Helicopters are Category A aircraft. An aircraft shall fit in only one category. When necessary to operate the aircraft at an airspeed in excess of the maximum airspeed of its certified aircraft approach category, pilots should use the applicable higher category minima. For additional options and to ensure the aircraft remains within protected airspace, consult the AIM. See following category limits:

MANEUVERING TABLE

Approach Category	A	B	C	D	E
Speed (Knots)	0-90	91-120	121-140	141-165	Abv 165

TERMS/LANDING MINIMA DATA 20142

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

TERMS/LANDING MINIMA DATA 19339

CIRCLING APPROACH OBSTACLE PROTECTED AIRSPACE

The circling MDA provides vertical obstacle clearance during a circle-to-land maneuver. The circling MDA protected area extends from the threshold of each runway authorized for landing following a circle-to-land maneuver for a distance as shown in the tables below. The resultant arcs are then connected tangentially to define the protected area.

STANDARD CIRCLING APPROACH MANEUVERING RADIUS

Circling approach protected areas developed prior to late 2012 used the radius distances shown in the following table, expressed in nautical miles (NM), dependent on aircraft approach category. The approaches using standard circling approach areas can be identified by the absence of the C symbol on the circling line of minima.

Circling MDA in feet MSL	Approach Category and Circling Radius (NM)				
	CAT A	CAT B	CAT C	CAT D	CAT E
All Altitudes	1.3	1.5	1.7	2.3	4.5

C EXPANDED CIRCLING APPROACH MANEUVERING AIRSPACE RADIUS

Circling approach protected areas developed after late 2012 use the radius distance shown in the following table, expressed in nautical miles (NM), dependent on aircraft approach category, and the altitude of the circling MDA, which accounts for true airspeed increase with altitude. The approaches using expanded circling approach areas can be identified by the presence of the C symbol on the circling line of minima.

Circling MDA in feet MSL	Approach Category and Circling Radius (NM)				
	CAT A	CAT B	CAT C	CAT D	CAT E
1000 or less	1.3	1.7	2.7	3.6	4.5
1001-3000	1.3	1.8	2.8	3.7	4.6
3001-5000	1.3	1.8	2.9	3.8	4.8
5001-7000	1.3	1.9	3.0	4.0	5.0
7001-9000	1.4	2.0	3.2	4.2	5.3
9001 and above	1.4	2.1	3.3	4.4	5.5

Comparable Values of RVR and Visibility

The following table shall be used for converting RVR to ground or flight visibility. For converting RVR values that fall between listed values, use the next higher RVR value; do not interpolate. For example, when converting 4800 RVR, use 5000 RVR with the resultant visibility of 1 mile.

RVR (feet)	Visibility (SM)	RVR (feet)	Visibility (SM)	RVR (feet)	Visibility (SM)	RVR (feet)	Visibility (SM)
1600	¼	2400	½	3500	⅝	5500	1
1800	½	2600	½	4000	¾	6000	1¼
2000	½	3000	⅝	4500	⅞		
2200	½	3200	⅝	5000	1		

RADAR MINIMA

	RWY	GP/TCH/RPI	CAT	DA/ MDA-VIS	HAT HAA	CEIL-VIS	CAT	DA/ MDA-VIS	HAT HAA	CEIL-VIS
PAR	10	2.5°/42/1000	ABCDE	**195**/16	100	(100-¼)				
	28	2.5°/48/1068	ABCDE	**187**/16	100	(100-¼)				
ASR	10		ABC	**560**/40	463	(500-¾)	DE	**560**/50	463	(500-1)
	28		AB	**600**/50	513	(600-1)	CDE	**600**/60	513	(600-1¼)
CIR	10		AB	**560-**1¼	463	(500-1¼)	CDE	**560-**1½	463	(500-1½)
	28		AB	**600-**1¼	503	(600-1¼)	CDE	**600-**1½	503	(600-1½)

Visibility (RVR 100's of feet)

Visibility in Statute Miles

All minimums in parentheses not applicable to Civil Pilots. Military Pilots refer to appropriate regulations.

Radar Minima:

1. Minima shown are the lowest permitted by established criteria. Pilots should consult applicable directives for their category of aircraft.
2. The circling MDA and weather minima to be used are those for the runway to which the final approach is flown- not the landing runway. In the above RADAR MINIMA example, a category C aircraft flying a radar approach to runway 10, circling to land on runway 28, must use an MDA of 560 feet with weather minima of 500-1½.

NOTE: Military RADAR MINIMA may be shown with communications symbology that indicates emergency frequency monitoring capability by the radar facility as follows: (E) VHF and UHF emergency frequencies monitored
(V) VHF emergency frequency (121.5) monitored
(U) UHF emergency frequency (243.0) monitored

Additionally, unmonitored frequencies which are available on request from the controlling agency may be annotated with an "x".

A Alternate Minimums not standard. Civil users refer to tabulation. USA/USN/USAF pilots refer to appropriate regulations.

A NA Alternate minimums are Not Authorized due to unmonitored facility or absence of weather reporting service.

T Airport is published in the Takeoff Minimums, (Obstacle) Departure Procedures, and Diverse Vector Area (Radar Vectors) tabulation.

TERMS/LANDING MINIMA DATA 19339

NE-2, 10 SEP 2020 to 05 NOV 2020

GENERAL INFORMATION

This publication is issued every 56 days and includes Standard Instrument Approach Procedures (SIAPS), Standard Instrument Departures (SIDs), Standard Terminal Arrivals (STARs), IFR Takeoff Minimums and (Obstacle) Departure Procedures (ODPs), IFR Alternate Minimums, and Radar Instrument Approach Minimums for use by civil and military aviation. The organization responsible for SIAPs, Radar Minimums, SIDs, STARs and graphic ODPs is identified in parentheses in the top margin of the procedure; e.g., (FAA), (FAA-O), (USA), (USAF), (USN). SIAPS with the (FAA) and (FAA-O) designation are regulated under 14 CFR, Part 97. SIAPs with the (FAA-O) designation have been developed under Other Transaction Agreement (OTA) by private providers and have been certified by the FAA. See 14 CFR, Part 91.175 (a) and the AIM for further details. 14 CFR, Part 91.175 (g) and the Special Notices section of the Chart Supplement contain information on civil operations at military airports.

The FAA uses an internal numbering system on all charts in the TPP. This Approach and Landing (AL) number is located on the top center margin of the chart followed by the organization responsible for the procedure in parentheses, e.g., AL-18 (FAA), AL-227 (USAF).

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 ← Procedure Amendment Effective Date

FAA Procedure Amendment Number → 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. On Departure Procedures and Standard Terminal Arrivals, procedural revisions to the current chart are indicated by an upnumber to the procedure title with the procedure amendment effective date following. On Radar Minima, Takeoff Minimums and (Obstacle) Departure Procedures and Diverse Vector Areas, the FAA Procedure Amendment Number, Procedure Effective Date, and the Julian Date of Last Revision will be shown on the same line, e.g., AMDT 2 10DEC15 (15344).

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 are in nautical miles (except visibility in statute miles and Runway Visual Range in hundreds of feet). Runway dimensions are in feet. Elevations are in feet, Mean Sea Level (MSL). Ceilings are 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.

STANDARD TERMINAL ARRIVALS AND DEPARTURE PROCEDURES

The use of the associated codified STAR/DP and transition identifiers are requested of users when filing flight plans via teletype and are required for users filing flight plans via computer interface. It must be noted that when filing a STAR/DP with a transition, the first three coded characters of the STAR and the last three coded characters of the DP are replaced by the transition code. Examples: ACTON SIX ARRIVAL, file (AQN.AQN6); ACTON SIX ARRIVAL, EDNAS TRANSITION, file (EDNAS.AQN6). FREEHOLD THREE DEPARTURE, file (FREH3.RBV), FREEHOLD THREE DEPARTURE, ELWOOD CITY TRANSITION, file (FREH3.EWC).

PROCEDURE PBN/EQUIPMENT REQUIREMENTS

Users will begin to see Performance-Based Navigation (PBN) Requirements and Equipment Requirements on Instrument Approach Procedures (IAPs), RNAV STARS and RNAV DPs prominently displayed in separate, standardized notes boxes. For procedures with PBN elements, the PBN box will contain the procedure's navigation specification(s); and, if required: specific sensors or infrastructure needed for the navigation solution; any additional or advanced functional requirements; the minimum Required Navigation Performance (RNP) value and any amplifying remarks. Items listed in this PBN box are REQUIRED for the procedure's PBN elements. The Equipment Requirements Box will list non-PBN requirements. On charts with both PBN elements and equipment requirements, the PBN requirements box will be listed first. The publication of these notes will continue incrementally until all charts have been amended to comply with the new standard.

IAP PBN/Equipment Requirements Notes Box

PBN Requirements Box →	From WINRZ, LIBGE: RNAV-1 GPS, RNAV-1GPS from MAP to YARKU.
Equipment Requirements Box →	DME required for LOC only.
Standard Procedure Notes Box →	T Circling to Rwy 25 NA at night. #For inop MALSR increase S-ILS 16R all cats visibility to 2½ SM.

RNAV STAR and DP PBN/Equipment Requirements Notes Box

PBN Requirements Box →	RNAV 1 - DME/DME/IRU or GPS
Equipment Requirements Box →	RADAR required

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, ✿
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)

ABBREVIATIONS

AAUP.....Attention All Users Page
ADF.....Automatic Direction Finder
ADIZ.....Air Defense Identification Zone
AFIS.....Automatic Flight Information Service
ALS.....Approach Light System
ALSF.....Approach Light System with Sequenced Flashing Lights
AOB.....At Or Below
AP.....Autopilot System
APCH.....Approach
APP CON.....Approach Control
ARR.....Arrival
ASOS.....Automated Surface Observing System
ASR/PAR.....Published Radar Minimums at this Airport
ASSC.....Airport Surface Surveillance Systems
ATIS.....Automatic Terminal Information Service
AUNICOM.....Automated UNICOM
AWOS.....Automated Weather Observing System
AZ.....Azimuth
BC.....Back Course
BND.....Bound
C.....Circling
CAT.....Category
CCW.....Counter Clockwise
CDI.....Course Deviation Indicator
Chan.....Channel
CIFP.....Coded Instrument Flight Procedures
CIR.....Circling
CLNC DEL.....Clearance Delivery
CNF.....Computer Navigation Fix
CPDLC.....Controller Pilot Data Link Communication
CTAF.....Common Traffic Advisory Frequency
CW.....Clockwise
D-ATIS.....Digital-Automatic Terminal Information Service
DA.....Decision Altitude
DER.....Departure End of Runway
DH.....Decision Height
DME.....Distance Measuring Equipment
DTHR.....Displaced Threshold
DVA.....Diverse Vector Area
ELEV.....Elevation
EMAS.....Engineered Material Arresting System
FAF.....Final Approach Fix
FD.....Flight Director System
FM.....Fan Marker
FMS.....Flight Management System
GBAS.....Ground Based Augmentation System
GCO.....Ground Communications Outlet
GLS.....Ground Based Augmentation System Landing System
GP.....Glidepath
GPI.....Ground Point of Interception
GPS.....Global Positioning System
GS.....Glide Slope
HAA.....Height above Airport
HAL.....Height above Landing
HAT.....Height above Touchdown
HATh.....Height Above Threshold
HCH.....Heliport Crossing Height
HGS.....Head-up Guidance System
HIRL.....High Intensity Runway Lights
HUD.....Head-up Display
IAF.....Initial Approach Fix
ICAO.....International Civil Aviation Organization
IF.....Intermediate Fix
IM.....Inner Marker
INOP.....Inoperative
INT.....Intersection
K.....Knots
KIAS.....Knots Indicated Airspeed
LAAS.....Local Area Augmentation System
LDA.....Localizer Type Directional Aid
Ldg.....Landing
LIRL.....Low Intensity Runway Lights
LNAV.....Lateral Navigation
LOC.....Localizer
LP.....Localizer Performance
LPV.....Localizer Performance with Vertical Guidance
LR.....Lead Radial. Provides at least 2 NM (Copter 1 NM) of lead to assist in turning onto the intermediate/final course.
MAA.....Maximum Authorized Altitude
MALS.....Medium Intensity Approach Light System
MALSF.....Medium Approach Lighting System with Sequenced Flashers
MALSR.....Medium Intensity Approach Light System with RAIL
MAP.....Missed Approach Point
MDA.....Minimum Descent Altitude
MIRL.....Medium Intensity Runway Lights
MM.....Middle Marker
MRA.....Minimum Reception Altitude
N/A.....Not Applicable
NA.....Not Authorized
NDB.....Non-directional Radio Beacon
NM.....Nautical Mile
NoPT.....No Procedure Turn Required (Procedure Turn shall not be executed without ATC clearance)

NE-2, 10 SEP 2020 to 05 NOV 2020

ODALS..... Omnidirectional Approach Light System
ODP..... Obstacle Departure Procedure
OM..... Outer Marker
PAR..... Precision Approach Radar
PDC..... Pre-Departure Clearance
PRM..... Precision Runway Monitor
R..... Radial
RA..... Radio Altimeter setting height
RAIL..... Runway Alignment Indicator Lights
RCLS..... Runway Centerline Light System
REIL..... Runway End Identifier Lights
RF..... Radius-to-Fix
RLLS..... Runway Lead-in Light System
RNAV..... Area Navigation
RNP..... Required Navigation Performance
RPI..... Runway Point of Intercept(ion)
RRL..... Runway Remaining Lights
Rwy..... Runway
RVR..... Runway Visual Range
S..... Straight-in
SALS..... Short Approach Light System
SALSF..... Short Approach Lighting System with Sequenced Flashing Lights
SSALF..... Simplified Short Approach Lighting System with Sequenced Flashers
SSALR..... Simplified Short Approach Light System with RAIL
SSALS..... Simplified Short Approach Lighting System
SDF..... Simplified Directional Facility
SM..... Statute Mile
SOIA..... Simultaneous Offset Instrument Approach
SR-SS..... Sunrise-Sunset
TAA..... Terminal Arrival Area
TAC..... TACAN
TCH..... Threshold Crossing Height (height in feet Above Ground level)
TDZ..... Touchdown Zone
TDZE..... Touchdown Zone Elevation
TDZ/CL..... Touchdown Zone and Runway Centerline Lighting
TDZL..... Touchdown Zone Lights
THR..... Threshold
TODA..... Takeoff Distance Available
TORA..... Takeoff Run Available
TR..... Track
VASI..... Visual Approach Slope Indicator
VCOA..... Visual Climb Over Airport
VDP..... Visual Descent Point
VGSI..... Visual Glide Slope Indicator
VNAV..... Vertical Navigation
WAAS..... Wide Area Augmentation System
WP/WPT..... Waypoint (RNAV)

LEGEND 20086

INSTRUMENT APPROACH PROCEDURES (CHARTS)

PLANVIEW SYMBOLS

TERMINAL ROUTES

Procedure Track

Missed Approach

Visual Flight Path

165°
345°
Procedure Turn
(Type degree and point of turn optional)

3100 NoPT 5.6 NM to GS Intcpt
045°
(14.2 to LOM)
Minimum Route Altitude
2000
155°
Feeder Route
(15.1)
Mileage

HOLDING PATTERNS

Missed Approach
090°
270°

Hold-in-lieu of Procedure Turn
090°
1 min
270°

090°
(IAS)
270°
4 NM

HOLD 8000
Arrival
090°
270°

Holding pattern with max. restricted airspeed:
(175K) applies to all altitudes.
(210K) applies to altitudes above 6000′ to and including 14000′.
Arrival Holding Pattern altitude restrictions will be indicated when they deviate from the adjacent leg.
Timing or distance limits for Hold-in-lieu of Procedure Turn Holding Patterns will be shown.
DME fixes may be shown.

FIXES/ATC REPORTING REQUIREMENTS

Reporting Point
▲ Name (Compulsory)
△ Name (Non-Compulsory)

Intersection

WAYPOINT (Compulsory)

WAYPOINT (Non-Compulsory)

FLYOVER POINT

MAP WP (Flyover)

Computer Navigation Fix (CNF) - No ATC Function
x (NAME) ("x" omitted when it conflicts with runway pattern)

15 DME Distance From Facility

AUSTN INT
ARC/DME/RNAV Fix

R-198 → Radial line and value

LR-198 → Lead Radial

LB-198 → Lead Bearing

ALTITUDES

5500 Mandatory Altitude

2500 Minimum Altitude

4300 Maximum Altitude

3000 Recommended Altitude

5000 Mandatory Block
3000 Altitude

INDICATED AIRSPEED

175K	120K	250K	180K
Mandatory Airspeed	Minimum Airspeed	Maximum Airspeed	Recommended Airspeed

RADIO AIDS TO NAVIGATION

110.1 Underline indicates No Voice transmitted on this frequency

Compulsory:

VOR, VORTAC, DME, VOR/DME, TACAN, NDB, NDB/DME

Non-Compulsory:

VOR, VORTAC, DME, VOR/DME, TACAN, NDB, NDB/DME

LOM/LMM (Compass locator at Outer Marker/Middle Marker)

Marker Beacon

Marker beacons that are not specifically part of the procedure.

Localizer (LOC/LDA) Course
Right side shading- Front course; Left side shading- Back Course

SDF Course

LOC/DME

LOC/LDA/SDF Transmitter
(shown when installation is offset from its normal postion off the end of the runway.)

Primary Navaid with Coordinate Values
LIMA
114.5 LIM
Chan 92
S12°00.80′
W77°07.00′

Secondary Navaid
LMM
LIMA
248 NT

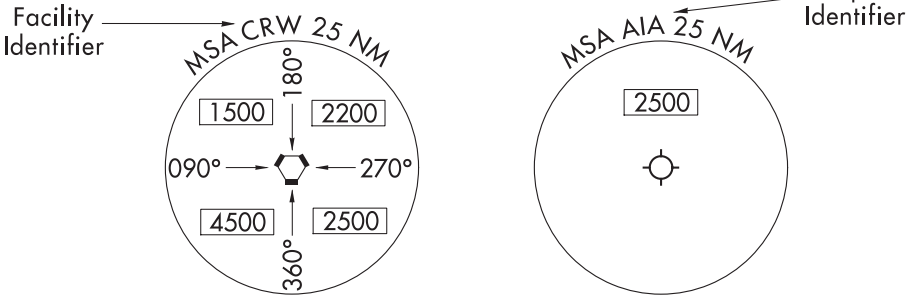
SCOTT
Chan 59
SKE
(112.2)
VHF Paired Frequency

NE-2, 10 SEP 2020 to 05 NOV 2020

LEGEND 20086

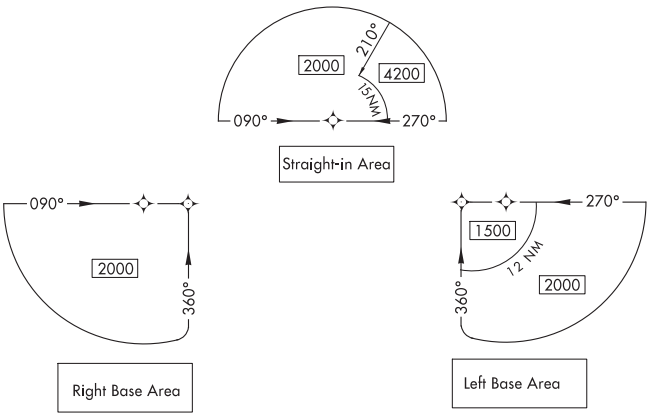
PLANVIEW SYMBOLS

MINIMUM SAFE ALTITUDE (MSA)



(arrows on distance circle identify sectors)

TERMINAL ARRIVAL AREA (TAA)



MISCELLANEOUS

VOR Changeover Point

RWY 15 S12° 00.52′ W77° 06.91′ — End of Rwy Coordinates (DOD only)

Distance not to scale

International Boundary

Air Defense Identification Zone

SPECIAL USE AIRSPACE

R-352

R-Restricted
P-Prohibited
W-Warning
A-Alert

AIRPORTS

Primary and Secondary (named in planview)

Civil

Seaplane Base

Heliport

OBSTACLES

Spot Elevation

Obstacle

Highest Obstacle

Highest Spot Elevation

Group of Obstacles

Doubtful accuracy

NE-2, 10 SEP 2020 to 05 NOV 2020

LEGEND 20198

INSTRUMENT APPROACH PROCEDURES (CHARTS)

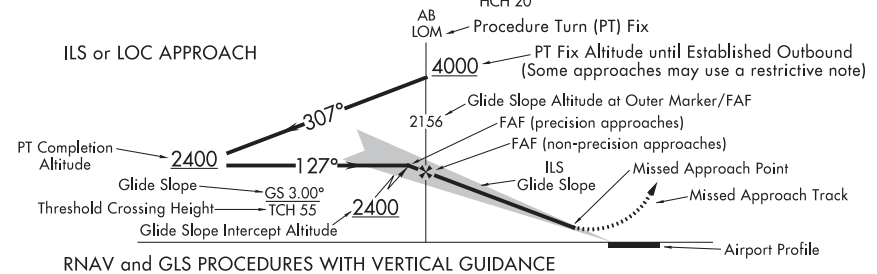
PROFILE VIEW

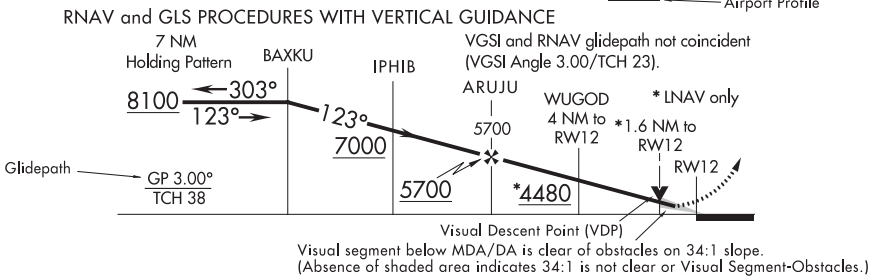
Three different methods are used to depict either electronic or vertical guidance: "GS", "GP", or "VDA".

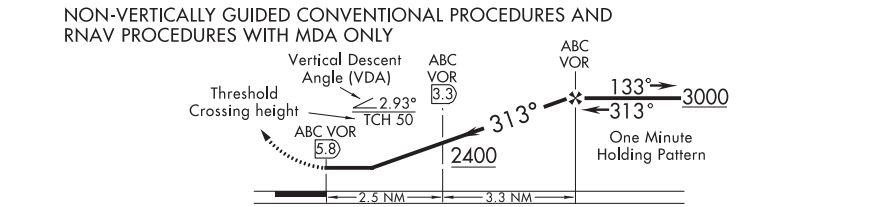
1. "GS" indicates that an Instrument Landing System (ILS) electronic glide slope (a ground antenna) provides vertical guidance. The profile section of ILS procedures depict a GS angle and TCH in the following format: GS 3.00°/TCH 55

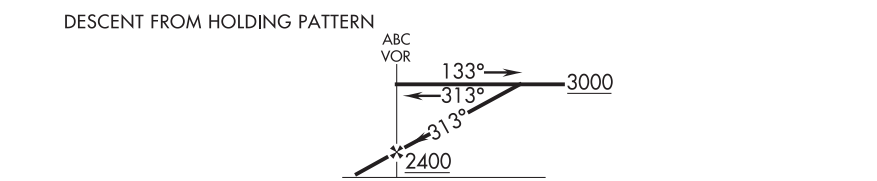
2. "GP" on GLS and RNAV procedures indicates that either electronic vertical guidance (via Wide Area Augmentation System - WAAS or Ground Based Augmentation System - GBAS) or barometric vertical guidance is provided. GLS and RNAV procedures with a published decision altitude (DA/H) depict a GP angle and TCH in the following format: GP 3.00°/TCH 50.

3. An advisory vertical descent angle (VDA) is provided on non-vertically guided conventional procedures and RNAV procedures with only a minimum descent altitude (MDA) to assist in preventing controlled flight into terrain. On Civil (FAA) procedures, this information is placed above or below the procedure track following the fix it is based on. Absence of a VDA or a note that the VDA is not authorized indicates that the prescribed obstacle clearance surface is not clear and the VDA must not be used below MDA. VDA is depicted in the following format: 3.00°/TCH 55. On Copter procedures this is depicted in the following format: 7.30°/HCH 20









ALTITUDES

5500	Mandatory Altitude	3000	Recommended Altitude
2500	Minimum Altitude	5000 / 3000	Mandatory Block Altitude
4300	Maximum Altitude		

PROFILE SYMBOLS

- 2400 — Glide Slope/Glidepath Intercept Altitude and final approach fix for vertically guided approach procedures.
- Visual Descent Point (VDP)
- Visual Flight Path
- Note: Facilities and waypoints are depicted as a solid vertical line while fixes and intersections are depicted as a dashed vertical line.

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

LEGEND 19059

LEGEND
STANDARD TERMINAL ARRIVAL (STAR) CHARTS
DEPARTURE PROCEDURE (DP) CHARTS

Applies to both STAR and DP Charts unless otherwise noted.

RADIO AIDS TO NAVIGATION

Compulsory:

VOR, VORTAC, DME, VOR/DME, TACAN, NDB, NDB/DME

Non-Compulsory:

VOR, VORTAC, DME, VOR/DME, TACAN, NDB, NDB/DME

LMM, LOM (Compass locator)

Marker Beacon

LOC, LOC/DME (shown when installation is offset from its normal position off the end of the runway.) (DP)

Localizer Course

SDF Course

(T) indicates frequency protection range (STAR)

(Y) TACAN must be placed in "Y" mode to receive distance information

Identifier

Frequency

ORLANDO
112.25 (T) ORL
Chan 59 (Y)
N28°32.56′ - W81°20.10′
L-19, H-5

Geographic Position

Underline indicates no voice transmitted on this frequency

Enroute Chart Reference

DME or TACAN Channel

Coordinates

Waypoint Name

PRAYS
N38°58.30′ W89°51.50′
112.7 CAP 187.1°-56.2
590

Frequency

Identifier

Reference Facility Elevation

Radial-Distance (Facility to Waypoint)

FIXES/ATC REPORTING REQUIREMENTS

Reporting Points
N00°00.00′
W00°00.00′

75 → DME Mileage (when not obvious)

▲ Fix-Compulsory and

△ Non-Compulsory Position Report

→ | DME fix

WAYPOINT (Compulsory)

WAYPOINT (Non-Compulsory)

FLYOVER POINT

X Computer Navigation Fix (CNF) - No ATC Function
N00°00.00′
W00°00.00′

ROUTES

4500 MEA-Minimum Enroute Altitude

*3500 MOCA-Minimum Obstruction Clearance Altitude

270° Departure Route - Arrival Route

(65) Mileage between Radio Aids, Reporting Points, and Route Breaks

Transition Route

R-275 Radial line and value

Lost Communications Track

Visual Flight Path (DP)

V12 J80 Airway/Jet Route Identification

DP Holding Pattern (IAS)

STAR Holding Pattern (IAS)

Holding pattern with max. restricted airspeed
(175K) applies to all altitudes
(210K) applies to altitudes above 6000′ to and including 14000′

SPECIAL USE AIRSPACE

R-352

R-Restricted W-Warning
P-Prohibited A-Alert
MOA-Military Operations Area

ALTITUDES

5500	2300	4800
Mandatory Altitude (Cross at)	Minimum Altitude (Cross at or above)	Maximum Altitude (Cross at or below)

15000
12000
Block Altitude

Altitude change at other than Radio Aids (STAR)

INDICATED AIRSPEED

175K	120K	250K
Mandatory Airspeed	Minimum Airspeed	Maximum Airspeed

AIRPORTS

(DP)

Heliport

Civil Military Joint Civil-Military

Airports not served by the procedure shown in screened color (STAR)

Civil Military Joint Civil-Military

MISCELLANEOUS

Changeover Point

Distance not to scale (DP)

International Boundary (DP)

Air Defense Identification Zone

T Takeoff Minimums and (Obstacle) Departure Procedures entry published. (DP)

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

LEGEND 19059

19339

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.....
24-Hour Self-Serve Fuel ##.....
Tanks.....
Obstructions.....
Airport Beacon #.....
Runway
Radar Reflectors.....
Control Tower #..... TWR

When Control Tower and Rotating Beacon are co-located, Beacon symbol will be used and further identified as TWR.

A fuel symbol is shown to indicate 24-hour self-serve fuel available, see appropriate Chart Supplement for 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 FLIP. (Foreign Only)

Runway Weight Bearing Capacity/or PCN Pavement Classification Number is shown as a codified expression. Refer to the appropriate Supplement/Directory for applicable codes e.g., RWY 14-32 PCN 80 F/D/X/U S-75, D-185, 2S-175, 2D-325

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.....0.8% UP ⟵ 0.3% DOWN
(shown when runway slope is greater than or equal to 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.

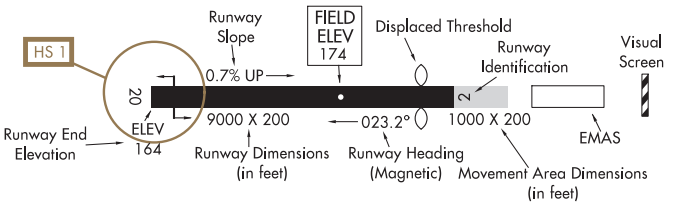
True/magnetic North orientation may vary from diagram to diagram

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.



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.

NE-2, 10 SEP 2020 to 05 NOV 2020
NE-2, 10 SEP 2020 to 05 NOV 2020

LEGEND 15344

INSTRUMENT APPROACH PROCEDURES (CHARTS)

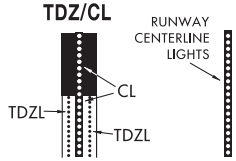
APPROACH LIGHTING SYSTEM - UNITED STATES

Approach lighting and visual glide slope systems are indicated on the airport sketch by an identifier, e.g., A2, V, etc.

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

RUNWAY TOUCHDOWN ZONE AND CENTERLINE LIGHTING SYSTEMS

TDZ/CL

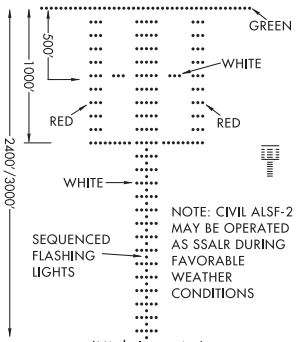


AVAILABILITY of TDZ/CL will be shown by NOTE in SKETCH e.g. "TDZ/CL Rwy 15"

APPROACH LIGHTING SYSTEM

A

ALSF-2



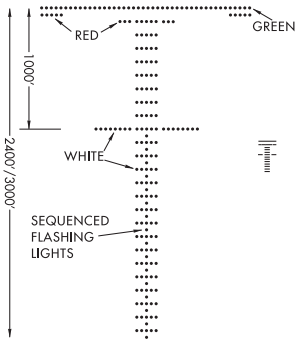
NOTE: CIVIL ALSF-2 MAY BE OPERATED AS SSALR DURING FAVORABLE WEATHER CONDITIONS

(High Intensity)
LENGTH 2400/3000 FEET

APPROACH LIGHTING SYSTEM

A1

ALSF-1



(High Intensity)
LENGTH 2400/3000 FEET

SHORT APPROACH LIGHTING SYSTEM

A2

SALS/SALSF

(High Intensity)

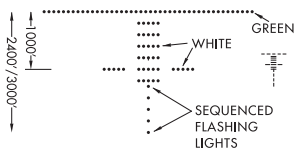
SAME AS INNER 1500' OF ALSF-1

SIMPLIFIED SHORT APPROACH LIGHTING SYSTEM

with Runway Alignment Indicator Lights

A3

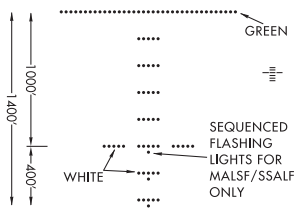
SSALR



(High Intensity)
LENGTH 2400/3000 FEET

MEDIUM INTENSITY (**MALS** and **MALSF**) OR SIMPLIFIED SHORT (**SSALS** and **SSALF**) APPROACH LIGHTING SYSTEMS

A4



LENGTH 1400 FEET

MEDIUM INTENSITY APPROACH LIGHTING SYSTEM

with Runway Alignment Indicator Lights

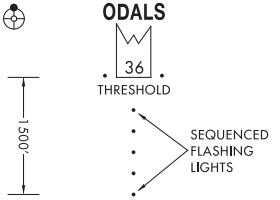
A5

MALSR

SAME LIGHT CONFIGURATION AS SSALR.

OMNIDIRECTIONAL APPROACH LIGHTING SYSTEM

ODALS



LENGTH 1500 FEET

VISUAL APPROACH SLOPE INDICATOR

V

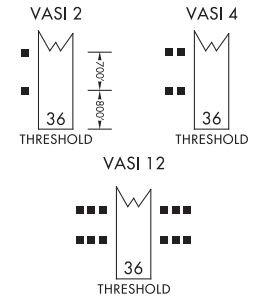
VASI

VISUAL APPROACH SLOPE INDICATOR WITH STANDARD THRESHOLD CLEARANCE PROVIDED.

ALL LIGHTS WHITE — TOO HIGH

FAR LIGHTS RED, NEAR LIGHTS WHITE — ON GLIDE SLOPE

ALL LIGHTS RED — TOO LOW

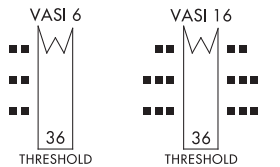


VISUAL APPROACH SLOPE INDICATOR

V3

VASI

3-BAR, 6 OR 16 BOX, VISUAL APPROACH SLOPE INDICATOR THAT PROVIDES 2 GLIDE ANGLES AND 2 THRESHOLD CROSSING HEIGHTS.



LEGEND 15344

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

LEGEND 18256

INSTRUMENT APPROACH PROCEDURES (CHARTS)

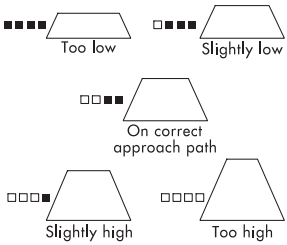
APPROACH LIGHTING SYSTEM - UNITED STATES

Approach lighting and visual glide slope systems are indicated on the airport sketch by an identifier, (A2), (V) etc.

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

(P) PRECISION APPROACH PATH INDICATOR

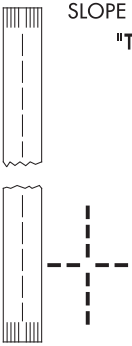
PAPI



Legend: □ White ■ Red

(V1) "T"-VISUAL APPROACH SLOPE INDICATOR

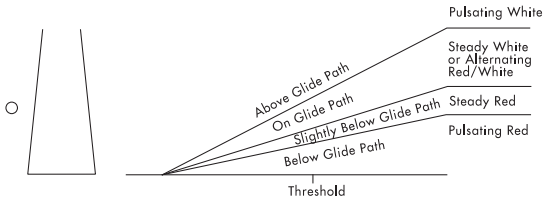
"T"-VASI



"T" ON BOTH SIDES OF RWY
ALL LIGHTS VARIABLE WHITE.
CORRECT APPROACH SLOPE-
ONLY CROSS BAR VISIBLE.
UPRIGHT "T"- FLY UP.
INVERTED "T"- FLY DOWN.
RED "T"- GROSS
UNDERSHOOT.

(V2) PULSATING VISUAL APPROACH SLOPE INDICATOR

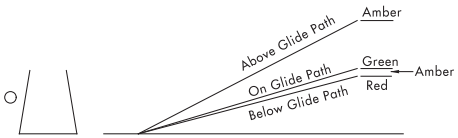
PVASI



CAUTION: When viewing the pulsating visual approach slope indicators in the pulsating white or pulsating red sectors, it is possible to mistake this lighting aid for another aircraft or a ground vehicle. Pilots should exercise caution when using this type of system.

(V4) TRI-COLOR VISUAL APPROACH SLOPE INDICATOR

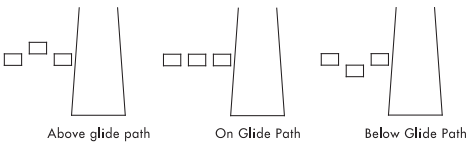
TRCV



CAUTION: When the aircraft descends from green to red, the pilot may see a dark amber color during the transition from green to red.

(V5) ALIGNMENT OF ELEMENTS SYSTEMS

APAP



Painted panels which may be lighted at night.
To use the system the pilot positions the aircraft so the elements are in alignment.

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

FREQ PAIRING 20198

FREQUENCY PAIRING TABLE

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

See the Chart Supplement for a complete listing.

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

FREQ PAIRING 20198

INDEX OF TERMINAL CHARTS AND MINIMUMS

NAME PROC SECT PG

ADIRONDACK RGNL
---SEE SARANAC LAKE, NY

AEROFLEX-ANDOVER
---SEE ANDOVER, NJ

AKRON, NY
AKRON/JESSON FIELD(9G3)
TAKEOFF MINIMUMS L
IAPS ..... RNAV (GPS) RWY 07 1
RNAV (GPS) RWY 25 2

AKRON/JESSON FIELD
---SEE AKRON, NY

ALBANY, NY
ALBANY INTL(ALB)
TAKEOFF MINIMUMS L
ALTERNATE MINIMUMS ....M
LAHSO ....O
HOT SPOT ....P
IAPS ..... ILS OR LOC RWY 01 3
ILS OR LOC RWY 19 4
ILS RWY 01 (SA CAT II) 5
RNAV (RNP) Z RWY 01 6
RNAV (RNP) Z RWY 19 7
RNAV (GPS) RWY 10 8
RNAV (GPS) RWY 28 9
RNAV (GPS) Y RWY 01 10
RNAV (GPS) Y RWY 19 11
VOR RWY 28 12
AIRPORT DIAGRAM 13
DPS ..... ALBANY SEVEN 14

ALBERT S NADER RGNL
---SEE ONEONTA, NY

ALBION, NY
PINE HILL(9G6)
TAKEOFF MINIMUMS L
IAPS ..... RNAV (GPS)-B 16
AIRPORT DIAGRAM 17

ALEXANDRIA
---SEE PITTSTOWN, NJ

ANDOVER, NJ
AEROFLEX-ANDOVER(12N)
TAKEOFF MINIMUMS L
ALTERNATE MINIMUMS ....M
IAPS ..... RNAV (GPS) RWY 03 18
VOR-A 19

ATLANTIC CITY, NJ
ATLANTIC CITY INTL(ACY)
TAKEOFF MINIMUMS L
ALTERNATE MINIMUMS ....M
RADAR MINIMUMS ....N
LAHSO ....O
HOT SPOT ....P
IAPS ..... ILS OR LOC RWY 13 20
ILS OR LOC/DME RWY 31 21
RNAV (RNP) Z RWY 13 22
RNAV (RNP) Z RWY 31 23
RNAV (GPS) RWY 04 24
RNAV (GPS) RWY 22 25
RNAV (GPS) Y RWY 13 26
RNAV (GPS) Y RWY 31 27
VOR/DME RWY 22 28
VOR RWY 04 29
VOR RWY 13 30
VOR RWY 31 31
COPTER ILS OR LOC/DME RWY 13 32
AIRPORT DIAGRAM 33
DPS ..... ATLANTIC CITY TWO 34

BATAVIA, NY
GENESEE COUNTY(GVQ)
TAKEOFF MINIMUMS L
IAPS ..... ILS OR LOC RWY 28 35
RNAV (GPS) RWY 10 36
RNAV (GPS) RWY 28 37
VOR/DME-A 38

BELMAR-FARMINGDALE, NJ
MONMOUTH EXECUTIVE(BLM)
TAKEOFF MINIMUMS L
ALTERNATE MINIMUMS ....M
STARS ..... SEA ISLE FOUR Z32
IAPS ..... RNAV (GPS) RWY 14 39
RNAV (GPS) RWY 32 40
VOR-A 41

BERLIN, NJ
CAMDEN COUNTY(19N)
TAKEOFF MINIMUMS L
IAPS ..... RNAV (GPS) RWY 05 42
RNAV (GPS) RWY 23 43
VOR-B 44

BINGHAMTON, NY
GREATER BINGHAMTON/EDWIN A LINK FIELD (BGM)
TAKEOFF MINIMUMS L
ALTERNATE MINIMUMS ....M
HOT SPOT ....P
IAPS ..... ILS OR LOC RWY 16 45
ILS OR LOC RWY 34 46
RNAV (GPS) RWY 10 47
RNAV (GPS) RWY 16 48
RNAV (GPS) RWY 28 49
RNAV (GPS) RWY 34 50
AIRPORT DIAGRAM 51

INDEX OF TERMINAL CHARTS AND MINIMUMS

NAME PROC SECT PG

BLAIRSTOWN, NJ
BLAIRSTOWN(1N7)
TAKEOFF MINIMUMS L
IAPS ..... RNAV (GPS) RWY 07 52
RNAV (GPS) RWY 25 53

BROCKPORT, NY
LEDGEDALE AIRPARK(7G0)
TAKEOFF MINIMUMS L
IAPS ..... RNAV (GPS) RWY 28 54

BROOKHAVEN
---SEE SHIRLEY, NY

BUFFALO, NY
BUFFALO AIRFIELD(9G0)
TAKEOFF MINIMUMS L
IAPS ..... RNAV (GPS) RWY 06 55
RNAV (GPS) RWY 24 56
BUFFALO NIAGARA INTL(BUF)
TAKEOFF MINIMUMS L
HOT SPOT ..... P
IAPS ..... ILS OR LOC RWY 05 57
ILS OR LOC RWY 23 58
ILS OR LOC RWY 32 59
ILS RWY 23 (SA CAT I) 60
RNAV (RNP) Z RWY 05 61
RNAV (RNP) Z RWY 23 62
RNAV (GPS) RWY 14 63
RNAV (GPS) RWY 32 64
RNAV (GPS) Y RWY 05 65
RNAV (GPS) Y RWY 23 66
AIRPORT DIAGRAM 67
DPS ..... BUFFALO SEVEN 68

CALDWELL, NJ
ESSEX COUNTY(CDW)
TAKEOFF MINIMUMS L
ALTERNATE MINIMUMS ..... M
HOT SPOT ..... P
STARS ..... JAIKE THREE (RNAV) Z12
MAZIE TWO (RNAV) Z19
WILKES-BARRE FOUR Z36
IAPS ..... RNAV (GPS) RWY 04 69
RNAV (GPS) RWY 10 70
RNAV (GPS) RWY 22 71
LOC RWY 22 72
AIRPORT DIAGRAM 73

CAMDEN COUNTY
---SEE BERLIN, NJ

CANANDAIGUA, NY
CANANDAIGUA(IUA)
TAKEOFF MINIMUMS L
IAPS ..... RNAV (GPS) RWY 13 74
RNAV (GPS) RWY 31 75
VOR-A 76

CAPE MAY COUNTY
---SEE WILDWOOD, NJ

CATTARAUGUS COUNTY-OLEAN
---SEE OLEAN, NY
CENTRAL JERSEY RGNL
---SEE MANVILLE, NJ

CHAUTAUQUA COUNTY/DUNKIRK
---SEE DUNKIRK, NY

CHAUTAUQUA COUNTY/JAMESTOWN
---SEE JAMESTOWN, NY

COLUMBIA COUNTY
---SEE HUDSON, NY

CORTLAND, NY
CORTLAND COUNTY-CHASE FIELD(N03)
TAKEOFF MINIMUMS L
ALTERNATE MINIMUMS ..... M
IAPS ..... RNAV (GPS) RWY 06 77
RNAV (GPS) RWY 24 78
VOR-A 79

CROSS KEYS, NJ
CROSS KEYS(17N)
TAKEOFF MINIMUMS L
IAPS ..... VOR OR GPS RWY 09 80

DANSVILLE, NY
DANSVILLE MUNI(DSV)
TAKEOFF MINIMUMS L
ALTERNATE MINIMUMS ..... M
IAPS ..... RNAV (GPS) RWY 14 81
RNAV (GPS)-A 82

DOWNTOWN MANHATTAN/WALL ST
---SEE NEW YORK, NY

DUNKIRK, NY
CHAUTAUQUA COUNTY/DUNKIRK(DKK)
TAKEOFF MINIMUMS L
ALTERNATE MINIMUMS ..... M
IAPS ..... RNAV (GPS) RWY 15 83
RNAV (GPS) RWY 33 84
RNAV (GPS)-A 85
RNAV (GPS)-B 86
AIRPORT DIAGRAM 87

EAGLES NEST
---SEE WEST CREEK, NJ

EAST 34TH STREET
---SEE NEW YORK, NY

INDEX OF TERMINAL CHARTS AND MINIMUMS

NAME PROC SECT PG

EAST HAMPTON, NY
EAST HAMPTON(HTO)
TAKEOFF MINIMUMS L
ALTERNATE MINIMUMS ..... M
IAPS ..... RNAV (GPS) X RWY 10 88
RNAV (GPS) Y RWY 10 89
RNAV (GPS) Y RWY 28 90
RNAV (GPS) Z RWY 10 91
RNAV (GPS) Z RWY 28 92

ELIZABETH FIELD
---SEE FISHERS ISLAND, NY

ELLENVILLE, NY
JOSEPH Y RESNICK(N89)
TAKEOFF MINIMUMS L
IAPS ..... RNAV (GPS) RWY 04 93
RNAV (GPS) RWY 22 94

ELMIRA/CORNING, NY
ELMIRA/CORNING RGNL(ELM)
TAKEOFF MINIMUMS L
ALTERNATE MINIMUMS ..... M
IAPS ..... ILS OR LOC RWY 06 95
ILS OR LOC RWY 24 96
RNAV (GPS) RWY 06 97
RNAV (GPS) RWY 10 98
RNAV (GPS) RWY 24 99
RNAV (GPS) RWY 28 100
AIRPORT DIAGRAM 101

ENDICOTT, NY
TRI-CITIES(CZG)
TAKEOFF MINIMUMS L
IAPS ..... RNAV (GPS) RWY 03 102
RNAV (GPS) RWY 21 103
VOR-A 104

ESSEX COUNTY
---SEE CALDWELL, NJ

FARMINGDALE, NY
REPUBLIC(FRG)
TAKEOFF MINIMUMS L
ALTERNATE MINIMUMS ..... M
LAHSO ..... O
STARS ..... CAMRN FOUR Z3
KINGSTON ONE Z14
LENDY SIX Z17
PARCH THREE (RNAV) Z25
PAWLING TWO Z26
ROBER TWO Z30
IAPS ..... ILS OR LOC RWY 14 105
RNAV (RNP) Z RWY 14 106
RNAV (GPS) RWY 01 107
RNAV (GPS) RWY 19 108
RNAV (GPS) RWY 32 109
RNAV (GPS) Y RWY 14 110
NDB RWY 01 111
AIRPORT DIAGRAM 112
DPS ..... DEEZZ FIVE (RNAV) 113
REPUBLIC ONE 114

FINGER LAKES RGNL
---SEE SENECA FALLS, NY

FISHERS ISLAND, NY
ELIZABETH FIELD(0B8)
TAKEOFF MINIMUMS L
IAPS ..... VOR OR GPS-A 115

FLOYD BENNETT MEMORIAL
---SEE GLENS FALLS, NY
FLYING W
---SEE LUMBERTON, NJ

FORT DRUM, NY
---SEE WHEELER-SACK AAF

FRANCIS S GABRESKI
---SEE WESTHAMPTON BEACH, NY

FULTON, NY
OSWEGO COUNTY(FZY)
TAKEOFF MINIMUMS L
ALTERNATE MINIMUMS ..... M
IAPS ..... ILS OR LOC RWY 33 116
RNAV (GPS) RWY 15 117
RNAV (GPS) RWY 24 118
RNAV (GPS) RWY 33 119
AIRPORT DIAGRAM 120

FULTON COUNTY
---SEE JOHNSTOWN, NY

GENESEE COUNTY
---SEE BATAVIA, NY

INDEX OF TERMINAL CHARTS AND MINIMUMS

NAME PROC SECT PG

GLENS FALLS, NY
FLOYD BENNETT MEMORIAL(GFL)
TAKEOFF MINIMUMS L
ALTERNATE MINIMUMS ....M
IAPS ..... ILS OR LOC RWY 01 121
RNAV (GPS) RWY 01 122
RNAV (GPS) RWY 12 123
RNAV (GPS) RWY 19 124
RNAV (GPS) RWY 30 125
AIRPORT DIAGRAM 126

GREATER BINGHAMTON/EDWIN A LINK FIELD
---SEE BINGHAMTON, NY

GREATER ROCHESTER INTL
---SEE ROCHESTER, NY

GREENWOOD LAKE
---SEE WEST MILFORD, NJ

GRIFFISS INTL
---SEE ROME, NY

HAMILTON, NY
HAMILTON MUNI(VGC)
TAKEOFF MINIMUMS L
IAPS ..... RNAV (GPS) RWY 17 127
RNAV (GPS) RWY 35 128

HAMMONTON, NJ
HAMMONTON MUNI(N81)
TAKEOFF MINIMUMS L
IAPS ..... RNAV (GPS) RWY 03 129
VOR-B 130

HORNELL, NY
HORNELL MUNI(HTF)
TAKEOFF MINIMUMS L
IAPS ..... RNAV (GPS) RWY 18 131
RNAV (GPS) RWY 36 132

HUDSON, NY
COLUMBIA COUNTY(1B1)
TAKEOFF MINIMUMS L
IAPS ..... RNAV (GPS) RWY 03 133
RNAV (GPS) RWY 21 134

HUDSON VALLEY RGNL
---SEE POUGHKEEPSIE, NY

ITHACA, NY
ITHACA TOMPKINS RGNL(ITH)
TAKEOFF MINIMUMS L
ALTERNATE MINIMUMS ....M
IAPS ..... ILS OR LOC RWY 32 135
RNAV (GPS) RWY 32 136
RNAV (GPS) Y RWY 14 137
RNAV (GPS) Z RWY 14 138
AIRPORT DIAGRAM 139

JAMESTOWN, NY
CHAUTAUQUA COUNTY/JAMESTOWN(JHW)
TAKEOFF MINIMUMS L
ALTERNATE MINIMUMS ....M
IAPS ..... ILS OR LOC RWY 25 140
RNAV (GPS) RWY 07 141
RNAV (GPS) RWY 13 142
RNAV (GPS) RWY 25 143
RNAV (GPS) RWY 31 144
VOR RWY 25 145
AIRPORT DIAGRAM 146

JOHN F KENNEDY INTL
---SEE NEW YORK, NY

JOHNSTOWN, NY
FULTON COUNTY(NY0)
TAKEOFF MINIMUMS L
IAPS ..... RNAV (GPS) RWY 10 147
RNAV (GPS) RWY 28 148
NDB RWY 10 149
NDB RWY 28 150

JOSEPH Y RESNICK
---SEE ELLENVILLE, NY

KINGSTON, NY
KINGSTON-ULSTER(20N)
TAKEOFF MINIMUMS L
IAPS ..... RNAV (GPS) RWY 15 151
RNAV (GPS) RWY 33 152

KROELINGER
---SEE VINELAND, NJ

LAGUARDIA
---SEE NEW YORK, NY

LAKE PLACID, NY
LAKE PLACID(LKP)
TAKEOFF MINIMUMS L
IAPS ..... RNAV (GPS) RWY 14 153
RNAV (GPS)-A 154

LAKEHURST MAXFIELD FLD (JOINT BASE MCGUIRE DIX LAKEHURST)(KNEL)
LAKEHURST, NJ
TAKEOFF MINIMUMS L
STARS ..... SEA ISLE FOUR Z32
IAPS ..... RNAV (GPS) RWY 24 155
RNAV (GPS) RWY 33 156
VOR OR VOR/DME OR TACAN Y RWY 33 157
TACAN RWY 24 158
TACAN Z RWY 33 159
NDB RWY 24 160
AIRPORT DIAGRAM 161

LAKEWOOD, NJ
LAKEWOOD(N12)
TAKEOFF MINIMUMS L
IAPS ..... RNAV (GPS) RWY 06 162
RNAV (GPS) RWY 24 163

INDEX OF TERMINAL CHARTS AND MINIMUMS

NAME PROC SECT PG

LE ROY, NY
LE ROY(5G0)
TAKEOFF MINIMUMS L
IAPS ..... RNAV (GPS) RWY 10 164
RNAV (GPS) RWY 28 165
VOR-A 166

LEDGEDALE AIRPARK
---SEE BROCKPORT, NY

LINCOLN PARK, NJ
LINCOLN PARK(N07)
TAKEOFF MINIMUMS L
IAPS ..... RNAV (GPS) RWY 01 167
RNAV (GPS) RWY 19 168

LINDEN, NJ
LINDEN(LDJ)
TAKEOFF MINIMUMS L
STARS ..... JAIKE THREE (RNAV) Z12
MAZIE TWO (RNAV) Z19
WILKES-BARRE FOUR Z36
IAPS ..... GPS-A 169

LONG ISLAND MAC ARTHUR
---SEE NEW YORK, NY

LT WARREN EATON
---SEE NORWICH, NY

LUMBERTON, NJ
FLYING W(N14)
TAKEOFF MINIMUMS L
STARS ..... SEA ISLE FOUR Z32
IAPS ..... RNAV (GPS) RWY 01 170
RNAV (GPS) RWY 19 171
VOR-A 172

MALONE, NY
MALONE-DUFORT(MAL)
TAKEOFF MINIMUMS L
IAPS ..... RNAV (GPS) RWY 05 173
RNAV (GPS) RWY 23 174

MANVILLE, NJ
CENTRAL JERSEY RGNL(47N)
TAKEOFF MINIMUMS L
STARS ..... JAIKE THREE (RNAV) Z12
MAZIE TWO (RNAV) Z19
IAPS ..... RNAV (GPS) RWY 07 175
RNAV (GPS) RWY 25 176
DPS ..... CENTRAL ONE 177

MASSENA, NY
MASSENA INTL-RICHARDS FIELD(MSS)
TAKEOFF MINIMUMS L
ALTERNATE MINIMUMS ..... M
IAPS ..... ILS OR LOC RWY 05 178
RNAV (GPS) RWY 05 179
RNAV (GPS) RWY 09 180
RNAV (GPS) RWY 23 181
RNAV (GPS) RWY 27 182

MCGUIRE FLD (JOINT BASE MCGUIRE DIX LAKEHURST)(KWRI)
WRIGHTSTOWN, NJ
TAKEOFF MINIMUMS L
RADAR MINIMUMS ..... N
HOT SPOT ..... P
STARS ..... HARRISBURG FIVE Z10
SEA ISLE FOUR Z32
IAPS ..... ILS OR LOC RWY 06 183
ILS OR LOC RWY 24 184
ILS RWY 06 (CAT II) 185
RNAV (GPS) RWY 06 186
RNAV (GPS) RWY 18 187
RNAV (GPS) RWY 24 188
RNAV (GPS) RWY 36 189
VOR/DME OR TACAN RWY 06 190
VOR/DME OR TACAN RWY 18 191
VOR/DME OR TACAN RWY 24 192
VOR/DME OR TACAN RWY 36 193
AIRPORT DIAGRAM 194
DPS ..... MODENA FOUR 195
POINT PLEASANT FIVE 197
POTTSTOWN THREE 199

MIDDLETOWN, NY
RANDALL(06N)
TAKEOFF MINIMUMS L
IAPS ..... RNAV (GPS) RWY 08 201
RNAV (GPS) RWY 26 202

MILLBROOK, NY
SKY ACRES(44N)
TAKEOFF MINIMUMS L
IAPS ..... RNAV (GPS) RWY 17 203
RNAV (GPS) RWY 35 204
VOR-A 205

MILLVILLE, NJ
MILLVILLE MUNI(MIV)
TAKEOFF MINIMUMS L
ALTERNATE MINIMUMS ..... M
IAPS ..... ILS OR LOC RWY 10 206
RNAV (GPS) RWY 10 207
RNAV (GPS) RWY 14 208
RNAV (GPS) RWY 28 209
RNAV (GPS) RWY 32 210
VOR-A 211
DPS ..... LEEAH FIVE 212

MONMOUTH EXECUTIVE
---SEE BELMAR-FARMINGDALE, NJ

INDEX OF TERMINAL CHARTS AND MINIMUMS

NAME PROC SECT PG

MONTAUK, NY
MONTAUK(MTP)
TAKEOFF MINIMUMS L
IAPS ..... RNAV (GPS) RWY 06 213
RNAV (GPS) RWY 24 214

MONTGOMERY, NY
ORANGE COUNTY(MGJ)
TAKEOFF MINIMUMS L
ALTERNATE MINIMUMS ..... M
IAPS ..... ILS OR LOC RWY 04 215
RNAV (GPS) RWY 04 216
RNAV (GPS) RWY 08 217
RNAV (GPS) RWY 22 218
RNAV (GPS) RWY 26 219
VOR RWY 08 220

MONTICELLO, NY
SULLIVAN COUNTY INTL(MSV)
TAKEOFF MINIMUMS L
ALTERNATE MINIMUMS ..... M
IAPS ..... ILS OR LOC RWY 15 221
RNAV (GPS) RWY 15 222
RNAV (GPS) RWY 33 223

MORRISTOWN, NJ
MORRISTOWN MUNI(MMU)
TAKEOFF MINIMUMS L
ALTERNATE MINIMUMS ..... M
STARS ..... JAIKE THREE (RNAV) Z12
MAZIE TWO (RNAV) Z19
WILKES-BARRE FOUR Z36
IAPS ..... ILS OR LOC RWY 23 224
RNAV (RNP) Y RWY 23 225
RNAV (GPS) RWY 05 226
RNAV (GPS) Z RWY 23 227
ROUTE 80 VISUAL RWY 23 228
AIRPORT DIAGRAM 229
DPS ..... MORRISTOWN SEVEN 230

MOUNT HOLLY, NJ
SOUTH JERSEY RGNL(VAY)
TAKEOFF MINIMUMS L
ALTERNATE MINIMUMS ..... M
STARS ..... SEA ISLE FOUR Z32
IAPS ..... RNAV (GPS) RWY 08 232
RNAV (GPS) RWY 26 233
VOR RWY 26 234

NEW YORK, NY
DOWNTOWN MANHATTAN/WALL ST(JRB)
TAKEOFF MINIMUMS L
DPS ..... JEDIL TWO (COPTER) (RNAV) 235
EAST 34TH STREET(6N5)
TAKEOFF MINIMUMS L
DPS ..... JEDIL TWO (COPTER) (RNAV) 236

NEW YORK, NY(CON'T)
JOHN F KENNEDY INTL(JFK)
TAKEOFF MINIMUMS L
ALTERNATE MINIMUMS ..... M
STARS ..... CAMRN FOUR Z3
KINGSTON ONE Z14
LENDY SIX Z17
PARCH THREE (RNAV) Z25
PAWLING TWO Z26
ROBER TWO Z30
IAPS ..... ILS OR LOC RWY 04L 237
ILS OR LOC RWY 04R 238
ILS OR LOC RWY 13L 239
ILS OR LOC RWY 22L 240
ILS OR LOC RWY 22R 241
ILS OR LOC RWY 31L 242
ILS OR LOC RWY 31R 243
ILS RWY 13L (CAT II) 244
ILS RWY 04R (CAT II - III) 245
ILS RWY 22L (CAT II - III) 246
RNAV (RNP) Z RWY 04L 247
RNAV (RNP) Z RWY 04R 248
RNAV (RNP) Z RWY 22L 249
RNAV (RNP) Z RWY 31L 250
RNAV (RNP) Z RWY 31R 251
RNAV (GPS) RWY 22R 252
RNAV (GPS) X RWY 22L 253
RNAV (GPS) Y RWY 04L 254
RNAV (GPS) Y RWY 04R 255
RNAV (GPS) Y RWY 22L 256
RNAV (GPS) Y RWY 31L 257
RNAV (GPS) Y RWY 31R 258
RNAV (GPS) Z RWY 13L 259
VOR RWY 22L 260
VOR OR GPS RWY 13L/R 261
VOR RWY 04L 262
VOR RWY 04R 263
VOR RWY 31L 264
COPTER RNAV (GPS) 027 265
BELMONT VISUAL RWY 22L 266
PARKWAY VISUAL RWY 13L/R 267
AIRPORT DIAGRAM 268
DPS ..... BETTE SIX 269
DEEZZ FIVE (RNAV) 271
GREKI SIX 273
HAPIE SIX 275
KENNEDY FIVE 277
MERIT SIX 279
SKORR FOUR (RNAV) 281

INDEX OF TERMINAL CHARTS AND MINIMUMS

NAME PROC SECT PG

NEW YORK, NY(CON'T)

LAGUARDIA(LGA)

TAKEOFF MINIMUMS L
ALTERNATE MINIMUMS ..... M
HOT SPOT ..... P
STARS ..... GATBY ONE Z8
HAARP THREE Z9
KORRY FOUR Z15
MILTON FOUR Z20
NOBBI FIVE Z22
IAPS ..... ILS OR LOC RWY 04 283
ILS OR LOC RWY 13 284
ILS OR LOC RWY 22 285
ILS RWY 22 (SA CAT I - II) 286
RNAV (RNP) Z RWY 04 287
RNAV (RNP) Z RWY 22 288
RNAV (GPS) RWY 13 289
RNAV (GPS) Y RWY 04 290
RNAV (GPS) Y RWY 22 291
RNAV (GPS) Y RWY 31 292
RNAV (GPS) Z RWY 31 293
RNAV (GPS)-B 294
LOC RWY 31 295
LDA-A 296
VOR RWY 04 297
COPTER ILS OR LOC RWY 13 298
COPTER ILS OR LOC RWY 22 299
COPTER RNAV (GPS) 250 300
EXPRESSWAY VISUAL RWY 31 301
RIVER VISUAL RWY 13 302
AIRPORT DIAGRAM 303
DPS ..... GLDMN SIX (RNAV) 304
HOPEA THREE (RNAV) 305
JUTES THREE (RNAV) 306
LA GUARDIA SIX 307
NTHNS FIVE (RNAV) 310
TNNIS SIX (RNAV) 311

LONG ISLAND MAC ARTHUR(ISP)

TAKEOFF MINIMUMS L
ALTERNATE MINIMUMS ..... M
LAHSO ..... O
STARS ..... LOVES TWO Z18
NELIE THREE (RNAV) Z21
IAPS ..... ILS OR LOC RWY 06 313
ILS OR LOC RWY 24 314
ILS RWY 06 (SA CAT I - II) 315
RNAV (GPS) RWY 06 316
RNAV (GPS) RWY 15R 317
RNAV (GPS) RWY 24 318
RNAV (GPS) RWY 33L 319
AIRPORT DIAGRAM 320
DPS ..... LONG ISLAND SEVEN 321

NAME PROC SECT PG

NEW YORK, NY (CON'T)

NEW YORK STEWART INTL(SWF)

TAKEOFF MINIMUMS L
ALTERNATE MINIMUMS ..... M
HOT SPOT ..... P
STARS ..... HUDSON FOUR Z11
IAPS ..... ILS OR LOC RWY 09 322
ILS OR LOC RWY 27 323
ILS RWY 09 (SA CAT I) 324
ILS RWY 09 (CAT II - III) 325
RNAV (GPS) RWY 09 326
RNAV (GPS) RWY 16 327
RNAV (GPS) RWY 27 328
RNAV (GPS) RWY 34 329
AIRPORT DIAGRAM 330
DPS ..... STEWART NINE 331

WEST 30TH ST(JRA)

TAKEOFF MINIMUMS L
IAPS ..... COPTER RNAV (GPS) 210 333
DPS ..... JEDIL TWO (COPTER) (RNAV) 334

INDEX OF TERMINAL CHARTS AND MINIMUMS

NAME PROC SECT PG

NEWARK, NJ
NEWARK LIBERTY INTL(EWR)
TAKEOFF MINIMUMS L
ALTERNATE MINIMUMS ....M
LAHSO ....O
HOT SPOT ....P
STARS ..... DYLIN FOUR Z5
FLOSI FOUR (RNAV) Z7
PENNS TWO Z27
PHLBO THREE (RNAV) Z28
RUUTH ONE Z31
SHAFF SEVEN Z33
WILLIAMSPORT THREE Z37
IAPS ..... ILS OR LOC RWY 04L 335
ILS OR LOC RWY 04R 336
ILS OR LOC RWY 11 337
ILS OR LOC RWY 22L 338
ILS OR LOC RWY 22R 339
ILS RWY 22L (SA CAT I) 340
ILS RWY 04L (SA CAT I - II) 341
ILS RWY 04R (CAT II - III) 342
ILS RWY 22L (CAT II - III) 343
GLS RWY 04L 344
GLS RWY 04R 345
GLS RWY 11 346
GLS RWY 22L 347
GLS RWY 22R 348
RNAV (RNP) Y RWY 22L 349
RNAV (RNP) Y RWY 29 350
RNAV (RNP) Z RWY 04R 351
RNAV (RNP) Z RWY 29 352
RNAV (GPS) RWY 04L 353
RNAV (GPS) RWY 11 354
RNAV (GPS) RWY 22R 355
RNAV (GPS) X RWY 29 356
RNAV (GPS) Y RWY 04R 357
RNAV (GPS) Z RWY 22L 358
VOR RWY 11 359
COPTER ILS OR LOC/DME RWY 04L 360
COPTER ILS/DME RWY 22L 361
BRIDGE VISUAL RWY 29 362
STADIUM VISUAL RWY 29 363
AIRPORT DIAGRAM 364
DPS ..... LIBERTY FIVE 365
NEWARK FOUR 367
PORTT FOUR (RNAV) 370

NIAGARA FALLS, NY
NIAGARA FALLS INTL(IAG)
TAKEOFF MINIMUMS L
ALTERNATE MINIMUMS ....M
IAPS ..... ILS Y OR LOC Y RWY 28R 372
ILS Z OR LOC Z RWY 28R 373
RNAV (GPS) RWY 06 374
RNAV (GPS) RWY 10L 375
RNAV (GPS) RWY 28R 376
RNAV (GPS) Y RWY 24 377
RNAV (GPS) Z RWY 24 378
TACAN RWY 28R 379
NDB RWY 28R 380
AIRPORT DIAGRAM 381

NORWICH, NY
LT WARREN EATON(OIC)
TAKEOFF MINIMUMS L
IAPS ..... RNAV (GPS) RWY 01 382
RNAV (GPS) RWY 19 383

OCEAN CITY, NJ
OCEAN CITY MUNI(26N)
IAPS ..... GPS RWY 06 384

OCEAN COUNTY
---SEE TOMS RIVER, NJ

OGDENSBURG, NY
OGDENSBURG INTL(OGS)
TAKEOFF MINIMUMS L
ALTERNATE MINIMUMS ....M
IAPS ..... RNAV (GPS) RWY 09 385
RNAV (GPS) RWY 27 386
LOC RWY 27 387
AIRPORT DIAGRAM 388

OLD BRIDGE, NJ
OLD BRIDGE(3N6)
TAKEOFF MINIMUMS L
IAPS ..... RNAV (GPS) RWY 06 389
RNAV (GPS) RWY 24 390
VOR RWY 24 391

OLEAN, NY
CATTARAUGUS COUNTY-OLEAN(OLE)
TAKEOFF MINIMUMS L
IAPS ..... RNAV (GPS) RWY 04 392
RNAV (GPS) RWY 22 393
LOC RWY 22 394

ONEONTA, NY
ALBERT S NADER RGNL(N66)
TAKEOFF MINIMUMS L
IAPS ..... RNAV (GPS) RWY 06 395
RNAV (GPS) RWY 24 396

ORANGE COUNTY
---SEE MONTGOMERY, NY

OSWEGO COUNTY
---SEE FULTON, NY

PEDRICKTOWN, NJ
SPITFIRE AERODROME(7N7)
TAKEOFF MINIMUMS L
IAPS ..... RNAV (GPS) RWY 07 397
RNAV (GPS) RWY 25 398

PENN YAN, NY
PENN YAN(PEO)
TAKEOFF MINIMUMS L
ALTERNATE MINIMUMS ....M
IAPS ..... RNAV (GPS) RWY 01 399
RNAV (GPS) RWY 19 400

INDEX OF TERMINAL CHARTS AND MINIMUMS

NAME PROC SECT PG

PINE HILL
---SEE ALBION, NY

PISECO, NY
PISECO(K09)
TAKEOFF MINIMUMS L
IAPS ..... RNAV (GPS) RWY 04 401

PITTSTOWN, NJ
ALEXANDRIA(N85)
TAKEOFF MINIMUMS L
IAPS ..... RNAV (GPS)-A 402
RNAV (GPS)-B 403
VOR/DME RWY 08 404
SKY MANOR(N40)
TAKEOFF MINIMUMS L
ALTERNATE MINIMUMS ..... M
IAPS ..... RNAV (GPS) RWY 07 405
RNAV (GPS) RWY 25 406
VOR RWY 07 407

PLATTSBURGH, NY
PLATTSBURGH INTL(PBG)
TAKEOFF MINIMUMS L
ALTERNATE MINIMUMS ..... M
IAPS ..... ILS OR LOC RWY 35 408
RNAV (GPS) RWY 17 409
RNAV (GPS) RWY 35 410
AIRPORT DIAGRAM 411

POTSDAM, NY
POTSDAM MUNI/DAMON FIELD(PTD)
TAKEOFF MINIMUMS L
ALTERNATE MINIMUMS ..... M
IAPS ..... RNAV (GPS) RWY 24 412

POUGHKEEPSIE, NY
HUDSON VALLEY RGNL(POU)
TAKEOFF MINIMUMS L
ALTERNATE MINIMUMS ..... M
STARS ..... HUDSON FOUR Z11
IAPS ..... ILS OR LOC RWY 06 413
RNAV (GPS) RWY 06 414
RNAV (GPS) RWY 24 415
VOR RWY 24 416
VOR-A 417
AIRPORT DIAGRAM 418
DPS ..... DUTCHESS EIGHT 419

PRINCETON
---SEE PRINCETON/ROCKY HILL, NJ

PRINCETON/ROCKY HILL, NJ
PRINCETON(39N)
TAKEOFF MINIMUMS L
STARS ..... WILKES-BARRE FOUR Z36
IAPS ..... RNAV (GPS) RWY 10 420
RNAV (GPS) RWY 28 421
VOR-A 422
DPS ..... PRINCETON ONE 423

RANDALL
---SEE MIDDLETOWN, NY

READINGTON, NJ
SOLBERG-HUNTERDON(N51)
TAKEOFF MINIMUMS L
STARS ..... WILKES-BARRE FOUR Z36
IAPS ..... RNAV (GPS) RWY 04 424
RNAV (GPS) RWY 22 425
VOR RWY 04 426

REPUBLIC
---SEE FARMINGDALE, NY

ROBBINSVILLE, NJ
TRENTON-ROBBINSVILLE(N87)
TAKEOFF MINIMUMS L
STARS ..... SEA ISLE FOUR Z32
IAPS ..... RNAV (GPS) RWY 11 427
RNAV (GPS) RWY 29 428
VOR RWY 29 429

ROCHESTER, NY
GREATER ROCHESTER INTL(ROC)
TAKEOFF MINIMUMS L
ALTERNATE MINIMUMS ..... M
HOT SPOT ..... P
IAPS ..... ILS OR LOC RWY 04 430
ILS OR LOC RWY 22 431
ILS OR LOC RWY 28 432
ILS RWY 04 (SA CAT I) 433
ILS RWY 04 (CAT II) 434
RNAV (GPS) RWY 04 435
RNAV (GPS) RWY 07 436
RNAV (GPS) RWY 10 437
RNAV (GPS) RWY 22 438
RNAV (GPS) RWY 25 439
RNAV (GPS) RWY 28 440
VOR RWY 04 441
AIRPORT DIAGRAM 442
DPS ..... XEROX SIX 443

ROME, NY
GRIFFISS INTL(RME)
TAKEOFF MINIMUMS L
ALTERNATE MINIMUMS ..... M
IAPS ..... ILS OR LOC RWY 33 445
RNAV (GPS) RWY 15 446
RNAV (GPS) RWY 33 447
AIRPORT DIAGRAM 448

SARANAC LAKE, NY
ADIRONDACK RGNL(SLK)
TAKEOFF MINIMUMS L
ALTERNATE MINIMUMS ..... M
IAPS ..... ILS OR LOC RWY 23 449
RNAV (GPS) RWY 05 450
RNAV (GPS) RWY 09 451
RNAV (GPS) RWY 23 452

SARATOGA SPRINGS, NY
SARATOGA COUNTY(5B2)
TAKEOFF MINIMUMS L
IAPS ..... RNAV (GPS) RWY 05 453
RNAV (GPS) RWY 23 454
VOR/DME-A 455

NE-2, 10 SEP 2020 to 05 NOV 2020
NE-2, 10 SEP 2020 to 05 NOV 2020

INDEX OF TERMINAL CHARTS AND MINIMUMS

NAME PROC SECT PG

SCHENECTADY, NY
SCHENECTADY COUNTY(SCH)
TAKEOFF MINIMUMS L
IAPS ..... ILS OR LOC RWY 04 456
RNAV (GPS) RWY 04 457
RNAV (GPS) RWY 10 458
RNAV (GPS) RWY 22 459
RNAV (GPS) RWY 28 460
NDB RWY 22 461
AIRPORT DIAGRAM 462

SENECA FALLS, NY
FINGER LAKES RGNL(0G7)
TAKEOFF MINIMUMS L
IAPS ..... RNAV (GPS) RWY 01 463
RNAV (GPS) RWY 19 464

SHIRLEY, NY
BROOKHAVEN(HWV)
TAKEOFF MINIMUMS L
ALTERNATE MINIMUMS .....M
IAPS ..... ILS OR LOC RWY 06 465
RNAV (GPS) RWY 06 466
RNAV (GPS) RWY 15 467
RNAV (GPS) RWY 33 468
RNAV (GPS)-A 469
VOR RWY 06 470

SIDNEY, NY
SIDNEY MUNI(N23)
TAKEOFF MINIMUMS L
IAPS ..... RNAV (GPS) RWY 07 471
RNAV (GPS) RWY 25 472

SKANEATELES, NY
SKANEATELES AERO DROME(6B9)
TAKEOFF MINIMUMS L
IAPS ..... VOR OR GPS-A 473

SKY ACRES
---SEE MILLBROOK, NY

SKY MANOR
---SEE PITTSTOWN, NJ

SOLBERG-HUNTERDON
---SEE READINGTON, NJ

SOMERSET
---SEE SOMERVILLE, NJ

SOMERVILLE, NJ
SOMERSET(SMQ)
TAKEOFF MINIMUMS L
ALTERNATE MINIMUMS .....M
STARS ..... JAIKE THREE (RNAV) Z12
MAZIE TWO (RNAV) Z19
WILKES-BARRE FOUR Z36
IAPS ..... RNAV (GPS) RWY 12 474
RNAV (GPS) RWY 30 475
VOR RWY 08 476

SOUTH BETHLEHEM, NY
SOUTH ALBANY(4B0)
TAKEOFF MINIMUMS L
IAPS ..... RNAV (GPS) RWY 01 477
RNAV (GPS) RWY 19 478

SOUTH JERSEY RGNL
---SEE MOUNT HOLLY, NJ

SOUTHAMPTON, NY
SOUTHAMPTON(87N)
IAPS ..... COPTER RNAV (GPS) 190 479

SPITFIRE AERODROME
---SEE PEDRICKTOWN, NJ

SULLIVAN COUNTY INTL
---SEE MONTICELLO, NY

SUSSEX, NJ
SUSSEX(FWN)
TAKEOFF MINIMUMS L
ALTERNATE MINIMUMS .....M
IAPS ..... RNAV (GPS) RWY 03 480
VOR-A 481

SYRACUSE, NY
SYRACUSE HANCOCK INTL(SYR)
TAKEOFF MINIMUMS L
ALTERNATE MINIMUMS .....M
HOT SPOT ..... P
IAPS ..... ILS OR LOC RWY 10 482
ILS OR LOC RWY 28 483
ILS RWY 28 (SA CAT I) 484
ILS RWY 28 (CAT II) 485
RNAV (RNP) Y RWY 10 486
RNAV (RNP) Y RWY 28 487
RNAV (GPS) RWY 15 488
RNAV (GPS) RWY 33 489
RNAV (GPS) Z RWY 10 490
RNAV (GPS) Z RWY 28 491
VOR RWY 15 492
TACAN RWY 33 493
AIRPORT DIAGRAM 494
DPS ..... SYRACUSE TWO 495

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

INDEX OF TERMINAL CHARTS AND MINIMUMS

NAME PROC SECT PG

TETERBORO, NJ
TETERBORO(TEB)
TAKEOFF MINIMUMS L
ALTERNATE MINIMUMS ..... M
LAHSO ..... O
HOT SPOT ..... P
STARS ..... JAIKE THREE (RNAV) Z12
MAZIE TWO (RNAV) Z19
WILKES-BARRE FOUR Z36
IAPS ..... ILS OR LOC RWY 06 496
ILS OR LOC RWY 19 497
RNAV (RNP) Z RWY 06 498
RNAV (RNP) Z RWY 19 499
RNAV (GPS) RWY 24 500
RNAV (GPS) X RWY 06 501
RNAV (GPS) Y RWY 06 502
RNAV (GPS) Y RWY 19 503
VOR/DME RWY 06 504
VOR/DME-B 505
VOR RWY 24 506
COPTER ILS OR LOC RWY 06 507
AIRPORT DIAGRAM 508
DPS ..... RUUDY SIX (RNAV) 509
TETERBORO TWO 510

TICONDEROGA, NY
TICONDEROGA MUNI(4B6)
TAKEOFF MINIMUMS L
IAPS ..... RNAV (GPS) RWY 02 512
RNAV (GPS) RWY 20 513

TOMS RIVER, NJ
OCEAN COUNTY(MJX)
TAKEOFF MINIMUMS L
STARS ..... SEA ISLE FOUR Z32
IAPS ..... ILS OR LOC RWY 06 514
RNAV (GPS) RWY 06 515
RNAV (GPS) RWY 24 516
VOR RWY 06 517
VOR RWY 24 518

TRENTON, NJ
TRENTON MERCER(TTN)
TAKEOFF MINIMUMS L
ALTERNATE MINIMUMS ..... M
STARS ..... BUNTS TWO Z2
CEDAR LAKE NINE Z4
JIIMS THREE (RNAV) Z13
PAATS THREE (RNAV) Z24
IAPS ..... ILS OR LOC RWY 06 519
RNAV (RNP) Y RWY 06 520
RNAV (RNP) Y RWY 24 521
RNAV (GPS) RWY 16 522
RNAV (GPS) RWY 34 523
RNAV (GPS) Z RWY 06 524
RNAV (GPS) Z RWY 24 525
VOR OR GPS-A 526
AIRPORT DIAGRAM 527

TRENTON-ROBBINSVILLE
---SEE ROBBINSVILLE, NJ

TRI-CITIES
---SEE ENDICOTT, NY

VINELAND, NJ
KROELINGER(29N)
TAKEOFF MINIMUMS L
IAPS ..... VOR OR GPS-B 528

WATERTOWN, NY
WATERTOWN INTL(ART)
TAKEOFF MINIMUMS L
ALTERNATE MINIMUMS ..... M
IAPS ..... ILS OR LOC RWY 07 529
RNAV (GPS) RWY 07 530
RNAV (GPS) RWY 10 531
RNAV (GPS) RWY 28 532
VOR RWY 07 533
AIRPORT DIAGRAM 534

WEEDSPORT, NY
WHITFORDS(B16)
TAKEOFF MINIMUMS L
IAPS ..... RNAV (GPS) RWY 10 535
RNAV (GPS) RWY 28 536

WELLSVILLE, NY
WELLSVILLE MUNI AIRPORT, TARANTINE FIELD (ELZ)
TAKEOFF MINIMUMS L
ALTERNATE MINIMUMS ..... M
IAPS ..... RNAV (GPS) RWY 10 537
RNAV (GPS) RWY 28 538

WEST 30TH ST
---SEE NEW YORK, NY

WEST CREEK, NJ
EAGLES NEST(31E)
TAKEOFF MINIMUMS L
IAPS ..... RNAV (GPS)-A 539
RNAV (GPS)-B 540

WEST MILFORD, NJ
GREENWOOD LAKE(4N1)
TAKEOFF MINIMUMS L
IAPS ..... RNAV (GPS) RWY 06 541
RNAV (GPS) RWY 24 542

WESTCHESTER COUNTY
---SEE WHITE PLAINS, NY

WESTHAMPTON BEACH, NY
FRANCIS S GABRESKI(FOK)
TAKEOFF MINIMUMS L
ALTERNATE MINIMUMS ..... M
STARS ..... NELIE THREE (RNAV) Z21
IAPS ..... ILS OR LOC RWY 24 543
RNAV (GPS) RWY 06 544
RNAV (GPS) RWY 24 545
TACAN RWY 06 546
TACAN RWY 24 547
AIRPORT DIAGRAM 548

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

INDEX OF TERMINAL CHARTS AND MINIMUMS

NAME PROC SECT PG

WHEELER-SACK AAF(KGTB)
FORT DRUM, NY
TAKEOFF MINIMUMS L
ALTERNATE MINIMUMS ....M
RADAR MINIMUMS ....N
IAPS ..... ILS OR LOC RWY 03 549
ILS OR LOC RWY 21 550
RNAV (GPS) RWY 03 551
RNAV (GPS) RWY 15 552
RNAV (GPS) RWY 21 553
RNAV (GPS) RWY 33 554
AIRPORT DIAGRAM 555
DPS ..... WATERTOWN TWO 556

WHITE PLAINS, NY
WESTCHESTER COUNTY(HPN)
TAKEOFF MINIMUMS L
ALTERNATE MINIMUMS ....M
LAHSO ....O
STARS ..... BOUNO FOUR Z1
NOBBI FIVE Z22
RICED FOUR Z29
VALRE FIVE Z35
IAPS ..... ILS OR LOC RWY 16 557
ILS OR LOC RWY 34 558
ILS RWY 16 (SA CAT I - II) 559
RNAV (RNP) Z RWY 16 560
RNAV (RNP) Z RWY 34 561
RNAV (GPS) Y RWY 16 562
RNAV (GPS) Y RWY 34 563
SOUND VISUAL RWY 34 564
AIRPORT DIAGRAM 565
DPS ..... PROP ONE 566
WESTCHESTER SEVEN 568

WHITFORDS
---SEE WEEDSPORT, NY

WILDWOOD, NJ
CAPE MAY COUNTY(WWD)
TAKEOFF MINIMUMS L
ALTERNATE MINIMUMS ....M
IAPS ..... RNAV (GPS) RWY 01 570
RNAV (GPS) RWY 10 571
RNAV (GPS) RWY 19 572
RNAV (GPS) RWY 28 573
LOC RWY 19 574
VOR-A 575

WILLIAMSON/SODUS, NY
WILLIAMSON-SODUS(SDC)
TAKEOFF MINIMUMS L
IAPS ..... RNAV (GPS) RWY 10 576
RNAV (GPS) RWY 28 577

WOODBINE, NJ
WOODBINE MUNI(OBI)
TAKEOFF MINIMUMS L
IAPS ..... RNAV (GPS) RWY 01 578
RNAV (GPS) RWY 19 579
VOR-A 580

WRIGHTSTOWN, NJ
---SEE MCGUIRE FLD (JOINT BASE MCGUIRE DIX LAKEHURST

WURTSBORO, NY
WURTSBORO-SULLIVAN COUNTY(N82)
TAKEOFF MINIMUMS L
IAPS ..... VOR/DME OR GPS RWY 05 581

IFR TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

Civil Airports and Selected Military Airports

ALL USERS: Airports that have Departure Procedures (DPs) designed specifically to assist pilots in avoiding obstacles during the climb to the minimum enroute altitude, and/or airports that have civil IFR takeoff minimums other than standard, are listed below. Takeoff Minimums and Departure Procedures apply to all runways unless otherwise specified. An entry may also be listed that contains only Takeoff Obstacle Notes. Altitudes, unless otherwise indicated, are minimum altitudes in MSL.

DPs specifically designed for obstacle avoidance are referred to as Obstacle Departure Procedures (ODPs) and are textually described below, or published separately as a graphic procedure. If the ODP is published as a graphic procedure, its name will be listed below, and it can be found in either this volume (civil), or the applicable military volume, as appropriate. Users will recognize graphic obstacle DPs by the term "(OBSTACLE)" included in the procedure title; e.g., TETON TWO (OBSTACLE). If not specifically assigned an ODP, SID, or radar vector as part of an IFR clearance, an ODP may be required to be flown for obstacle clearance, even though not specifically stated in the IFR clearance. When doing so in this manner, ATC should be informed when the ODP being used contains a specified route to be flown, restrictions before turning, and/or altitude restrictions.

Some ODPs, which are established solely for obstacle avoidance, require a climb in visual conditions to cross the airport, a fix, or a NAVAID in a specified direction, at or above a specified altitude. These procedures are called Visual Climb Over Airport (VCOA). To ensure safe and efficient operations, the pilot must verbally request approval from ATC to fly the VCOA when requesting their IFR clearance.

At some locations where an ODP has been established, a diverse vector area (DVA) may be created to allow radar vectors to be used in lieu of an ODP. DVA information will state that headings will be as assigned by ATC and climb gradients, when applicable, will be published immediately following the specified departure procedure.

Graphic DPs designed by ATC to standardize traffic flows, ensure aircraft separation and enhance capacity are referred to as "Standard Instrument Departures (SIDs)". SIDs also provide obstacle clearance and are published under the appropriate airport section. ATC clearance must be received prior to flying a SID.

CIVIL USERS NOTE: Title 14 Code of Federal Regulations Part 91 prescribes standard takeoff rules and establishes takeoff minimums for certain operators as follows: (1) For aircraft, other than helicopters, having two engines or less – one statute mile visibility. (2) For aircraft having more than two engines – one-half statute mile visibility. (3) For helicopters – one-half statute mile visibility. These standard minima apply in the absence of any different minima listed below.

MILITARY USERS NOTE: Civil (nonstandard) takeoff minima are published below. For military takeoff minima, refer to appropriate service directives.

AKRON, NY

AKRON/JESSON FIELD (9G3)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 1A 20JUN19 (19171) (FAA)

TAKEOFF OBSTACLE NOTES:

Rwy 7, tree, lighting beginning 6' from DER, 77' left of centerline, up to 891' MSL.
Lighting 11' from DER, 78' right of centerline, 841' MSL.
Vehicles on traverse way beginning 13' from DER, 206' right of centerline, up to 15' AGL/851' MSL.
Trees, vehicles on traverse way beginning 30' from DER, 258' left of centerline, up to 15' AGL/898' MSL.
Vehicles on traverse way beginning 103' from DER, 160' right of centerline, up to 15' AGL/853' MSL.
Trees, vehicles on traverse way beginning 142' from DER, 170' left of centerline, up to 15' AGL/903' MSL.
Transmission line, poles, fence, vehicles on traverse way, trees, stack beginning 187' from DER, 81' right of centerline, up to 870' MSL.
Tree 326' from DER, 489' left of centerline, 67' AGL/909' MSL.
Trees beginning 425' from DER, 17' left of centerline, up to 100' AGL/912' MSL.
Poles beginning 1140' from DER, 98' right of centerline, up to 887' MSL.
Tree, transmission line beginning 1303' from DER, 154' right of centerline, up to 906' MSL.
Trees, transmission lines beginning 1386' from DER, 115' right of centerline, up to 912' MSL.
Trees, transmission lines beginning 1555' from DER, 6' right of centerline, up to 920' MSL.
Trees beginning 2508' from DER, 24' right of centerline, up to 923' MSL.
Trees beginning 2690' from DER, 284' right of centerline, up to 924' MSL.
Trees beginning 2737' from DER, 132' right of centerline, up to 931' MSL.
Trees beginning 2871' from DER, 131' right of centerline, up to 938' MSL.
Trees beginning 3437' from DER, 205' right of centerline, up to 94' AGL/940' MSL.
Rwy 25, sign 7' from DER, 268' right of centerline, 834' MSL.
Fence 13' from DER, 319' right of centerline, 7' AGL/837' MSL.
Trees, fence beginning 22' from DER, 159' left of centerline, up to 60' AGL/875' MSL.
Tree 46' from DER, 375' right of centerline, 31' AGL/856' MSL.
Trees, vegetation beginning 146' from DER, 356' right of centerline, up to 41' AGL/858' MSL.
Trees beginning 231' from DER, 323' right of centerline, up to 860' MSL.
Trees beginning 250' from DER, 245' left of centerline, up to 63' AGL/876' MSL.
Trees beginning 386' from DER, 4' left of centerline, up to 72' AGL/883' MSL.
Tree 398' from DER, 215' right of centerline, 57' AGL/881' MSL.
Trees beginning 410' from DER, 13' right of centerline, up to 63' AGL/884' MSL.

ALBANY, NY

ALBANY INTL (ALB)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 13 10DEC15 (15344) (FAA)

TAKEOFF MINIMUMS:

Rwy 10, 300-1½ or std. w/min. climb of 365' per NM to 600.

Rwy 28, 300-1¾ or std. w/min. climb of 458' per NM to 700.

DEPARTURE PROCEDURE:

Rwy 10, climb heading 110° to 2000 before turning north.

Rwy 19, climb heading 191° to 1100 before turning west.

Rwy 28, climb heading 281° to 2000 before proceeding on course.

TAKEOFF OBSTACLE NOTES:

Rwy 1, trees beginning 1168' from DER, 640' right of centerline, up to 113' AGL/363' MSL.
Trees beginning 2109' from DER, 581' left of centerline, up to 102' AGL/362' MSL.
Rwy 10, tree 117' from DER, 420' right of centerline, 29' AGL/300' MSL.
Vehicles on road 304' from DER, 499' left of centerline, up to 15' AGL/290' MSL.
Trees beginning 429' from DER, 341' right of centerline, up to 97' AGL/366' MSL.
Tree 460' from DER, 616' left of centerline, 92' AGL/352' MSL.
Vehicles on road 1461' from DER, 689' left of centerline, up to 15' AGL/315' MSL.
Trees beginning 1534' from DER, 463' left of centerline, up to 105' AGL/403' MSL.
Trees beginning 2595' from DER, 81' left of centerline, up to 87' AGL/401' MSL.
Trees beginning 2738' from DER, 961' right of centerline, up to 99' AGL/398' MSL.
Trees beginning 4602' from DER, 1167' right of centerline, up to 93' AGL/490' MSL.
Trees beginning 4713' from DER, left and right of centerline, up to 75' AGL/437' MSL.
Tree 5136' from DER, 576' right of centerline, 95' AGL/510' MSL.
Tree 1.1 NM from DER, 1578' right of centerline, 87' AGL/453' MSL.
Rwy 19, trees beginning 2510' from DER, 984' right of centerline, up to 105' AGL/394' MSL.
Rwy 28, tree 149' from DER, 355' left of centerline, 34' AGL/293' MSL.
Trees beginning 555' from DER, 459' right of centerline, up to 36' AGL/311' MSL.
Terrain 1029' from DER, 595' left of centerline, 319' MSL.
Trees beginning 1275' from DER, 292' left of centerline up to 97' AGL/388' MSL.
Trees beginning 1397' from DER, 531' right of centerline, up to 104' AGL/408' MSL.
Trees beginning 2065' from DER, 696' left of centerline, up to 100' AGL/401' MSL.
Trees beginning 2172' from DER, 706' right of centerline, up to 98' AGL/425' MSL.
Trees beginning 2608' from DER, 217' right of centerline, up to 102' AGL/430' MSL.
Trees beginning 2786' from DER, 78' left of centerline, up to 97' AGL/440' MSL.
Trees beginning 3089' from DER, 2' right of centerline, up to 64' AGL/397' MSL.
Trees beginning 4053' from DER, 1089' right of centerline, up to 77' AGL/452' MSL.
Tree 4192' from DER, 312' left of centerline, 92' AGL/461' MSL.
Trees beginning 5258' from DER, left and right of centerline, up to 102' AGL/525' MSL.
Trees beginning 1.1 NM from DER, 1416' right of centerline, up to 90' AGL/534' MSL.
Trees beginning 1.2 NM from DER, 611' left of centerline, up to 111' AGL/473' MSL.

ALBION, NY

PINE HILL (9G6)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

TAKEOFF MINIMUMS:

Rwy 10, 300-1.

DEPARTURE PROCEDURE:

Rwy 10, climb runway heading to 1000 before proceeding on course.

ANDOVER, NJ

AEROFLEX-ANDOVER (12N)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 2 03JAN19 (19003) (FAA)

TAKEOFF MINIMUMS:

Rwy 3, 400-2¼.

Rwy 21, 500-3 w/min. climb of 220' per NM to 900 or 1400-1½ for VCOA.

DEPARTURE PROCEDURE:

Rwy 3, climb heading 034° to 1200 before proceeding on course.

Rwy 21, climbing right turn on a heading between 270° CW to 030° from DER to 1700 before proceeding on course. Do not exceed 150K until reaching 1700' MSL.

VCOA:

Rwy 21, obtain ATC approval for VCOA when requesting IFR clearance. Climb in visual conditions to cross Aeroflex—Andover airport at or above 1800 before proceeding on course. Do not exceed 180K until reaching 1800' MSL.

TAKEOFF OBSTACLE NOTES:

Rwy 3, trees beginning 13' from DER, 267' left of centerline, up to 100' AGL/678' MSL.
Trees beginning 379' from DER, 163' left of centerline, up to 100' AGL/688' MSL.
Trees beginning 432' from DER, 582' right of centerline, up to 100' AGL/681' MSL.
Trees beginning 662' from DER, 59' left of centerline, up to 100' AGL/704' MSL.
Trees beginning 945' from DER, 170' left of centerline, up to 100' AGL/724' MSL.
Tree 1228' from DER, 709' left of centerline, 100' AGL/737' MSL.
Trees beginning 1311' from DER, 66' left of centerline, up to 100' AGL/698' MSL.

CON'T

ANDOVER, NJ (CON'T)

AEROFLEX-ANDOVER (12N) (CON'T)

Rwy 3 (CON'T), trees beginning 1510' from DER, 391' left of centerline, up to 100' AGL/744' MSL.
Trees beginning 1531' from DER, 575' right of centerline, up to 100' AGL/707' MSL.
Trees beginning 1793' from DER, 502' left of centerline, up to 100' AGL/753' MSL.
Trees beginning 1898' from DER, 568' right of centerline, up to 100' AGL/730' MSL.
Trees beginning 3291' from DER, 626' left of centerline, up to 100' AGL/770' MSL.
Trees beginning 3574' from DER, 198' left of centerline, up to 100' AGL/793' MSL.
Trees beginning 3856' from DER, 95' left of centerline, up to 100' AGL/819' MSL.
Power lines and transmission lines beginning 4555' from DER, right and left of centerline, up to 184' AGL/828' MSL.
Trees beginning 5029' from DER, 90' right of centerline, up to 100' AGL/770' AGL.
Trees beginning 5123' from DER, 5' left of centerline, up to 100' AGL/792' MSL.
Rwy 21, tree 68' from DER, 78' left of centerline, 100' AGL/639' MSL.
Tree 152' from DER, 135' right of centerline, 100' AGL/668' MSL.
Tree 236' from DER, 349' right of centerline, 100' AGL/711' MSL.
Trees beginning 267' from DER, 189' left of centerline, up to 100' AGL/645' MSL.
Trees beginning 320' from DER, 25' right of centerline, up to 100' AGL/740' MSL.
Trees beginning 550' from DER, 85' left of centerline, up to 100' AGL/648' MSL.
Tree 602' from DER, 453' right of centerline, 100' AGL/744' MSL.
Trees beginning 686' from DER, 4' right of centerline, up to 100' AGL/767' MSL.
Trees beginning 1116' from DER, 92' left of centerline, up to 100' AGL/658' MSL.
Trees beginning 1398' from DER, 99' left of centerline, up to 100' AGL/668' MSL.
Trees beginning 2048' from DER, 210' left of centerline, up to 100' AGL/675' MSL.
Tree 3514' from DER, 438' left of centerline, 100' AGL/678' MSL.
Tree 3598' from DER, 223' left of centerline, 100' AGL/681' MSL.
Trees beginning 3681' from DER, 9' left of centerline, up to 100' AGL/684' MSL.
Tree 3964' from DER, 120' left of centerline, 100' AGL/688' MSL.
Tree 4614' from DER, 127' left of centerline, 100' AGL/704' MSL.
Tree 4813' from DER, 451' left of centerline, 100' AGL/714' MSL.
Trees beginning 4896' from DER, 23' left of centerline, up to 100' AGL/730' MSL.
Tree 5095' from DER, 562' left of centerline, 100' AGL/737' MSL.
Tree 5179' from DER, 348' left of centerline, 100' AGL/763' MSL.
Trees beginning 5263' from DER, 133' left of centerline, up to 100' AGL/770' MSL.
Tree 5462' from DER, 458' left of centerline, 100' AGL/786' MSL.
Trees beginning 5546' from DER, 30' left of centerline, up to 100' AGL/799' MSL.
Tree 5745' from DER, 569' left of centerline, 100' AGL/806' MSL.
Trees beginning 5828' from DER, 140' left of centerline, up to 100' AGL/822' MSL.
Trees beginning 5996' from DER, 73' right of centerline, up to 100' AGL/780' MSL.
Trees beginning 1 NM from DER, 37' left of centerline, up to 100' AGL/835' MSL.
Trees beginning 1 NM from DER, 177' right of centerline, up to 100' AGL/783' MSL.
Trees beginning 1 NM from DER, 44' left of centerline, up to 100' AGL/839' MSL.
Trees beginning 1 NM from DER, 66' right of centerline, up to 100' AGL/803' MSL.
Trees beginning 1.1 NM from DER, 59' right of centerline, up to 100' AGL/819' MSL.
Tree 1.1 NM from DER, 907' left of centerline, 100' AGL/842' MSL.
Trees beginning 1.2 NM from DER, 50' left of centerline, up to 100' AGL/852' MSL.
Tree 1.2 NM from DER, 1027' right of centerline, 100' AGL/826' MSL.
Trees beginning 1.2 NM from DER, 488' right of centerline, up to 100' AGL/832' MSL.
Trees beginning 1.2 NM from DER, 370' right of centerline, up to 100' AGL/849' MSL.

ATLANTIC CITY, NJ

ATLANTIC CITY INTL (ACY)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES
ORIG-A 12OCT17 (17285) (FAA)

TAKEOFF OBSTACLE NOTES:
Rwy 4, sign 36' from DER, 303' right of centerline, 4' AGL/69' MSL.
Tree 1942' from DER, 803' left of centerline, 127' MSL.
Trees beginning 1967' from DER, 703' left of centerline, up to 130' MSL.
Tree 2014' from DER, 638' left of centerline, 132' MSL.
Trees beginning 2044' from DER, 440' left of centerline, up to 135' MSL.
Tree 2583' from DER, 648' right of centerline, 132' MSL.
Rwy 13, NAVAID 42' from DER, 149' right of centerline, 2' AGL/65' MSL.
Trees beginning 1161' from DER, 710' right of centerline, up to 104' MSL.
Trees beginning 1575' from DER, 814' right of centerline, up to 117' MSL.
Tree 1788' from DER, 922' right of centerline, 118' MSL.
Rwy 22, terrain and NAVAID beginning 5' from DER, 119' right of centerline, up to 63' MSL.
Bush 86' from DER, 475' right of centerline, 64' MSL.
Poles beginning 219' from DER, 446' left of centerline, up to 32' AGL/88' MSL.
Transmission tower and pole beginning 539' from DER, 618' left of centerline, up to 90' MSL.
Tree 848' from DER, 714' right of centerline, 84' MSL.
Trees beginning 949' from DER, 550' right of centerline, up to 96' MSL.
Tree 1186' from DER, 800' right of centerline, 98' MSL.
Trees beginning 1402' from DER, 731' left of centerline, up to 116' MSL.
Tree 1412' from DER, 853' right of centerline, 104' MSL.
Trees beginning 2124' from DER, 271' left of centerline, up to 118' MSL.
CON'T

ATLANTIC CITY, NJ (CON'T)

ATLANTIC CITY INTL (ACY) (CON'T)

Rwy 22 (CON'T), tree 2258' from DER, 464' left of centerline, 126' MSL.
Rwy 31, light support structure 10' from DER, 6' left of centerline, 2' AGL/76' MSL.
Light support structure 11' from DER, 4' right of centerline, 2' AGL/77' MSL.
Trees beginning 2405' from DER, 1114' left of centerline, up to 144' MSL.

BATAVIA, NY

GENESEE COUNTY AIRPORT (GVQ)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 02AUG07 (07214) (FAA)

TAKEOFF OBSTACLE NOTES:
Rwy 28, terrain 15' from DER, 72' left of centerline, 919' MSL.
Terrain 19' from DER, 231' right of centerline, 916' MSL.
Multiple trees beginning 608' from DER, 584' left of centerline, up to 100' AGL/1009' MSL.
Tower 1789' from DER, 704' left of centerline, 100' AGL/1005' MSL.

BELMAR-FARMINGDALE, NJ

MONMOUTH EXECUTIVE (BLM)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 3 20JUN19 (19171) (FAA)

TAKEOFF MINIMUMS:
Rwy 21, NA - obstacles.
Rwy 3, std. w/min. climb of 210' per NM to 800, or 1000-3 for VCOA.

VCOA:
Rwy 3, obtain ATC approval for VCOA when requesting IFR clearance. Climb in visual conditions to cross Monmouth Executive airport at or above 1000 before proceeding on course.

TAKEOFF OBSTACLE NOTES:
Rwy 3, fence abeam DER, 81' left of centerline, 2' AGL/150' MSL.
Tree 7' from DER, 394' right of centerline, 28' AGL/157' MSL.
Tree 13' from DER, 243' right of centerline, 42' AGL/178' MSL.
Tree, pole beginning 43' from DER, 257' left of centerline, up to 39' AGL/189' MSL.
Trees beginning 59' from DER, 191' right of centerline, up to 41' AGL/179' MSL.
Trees beginning 112' from DER, 32' right of centerline, up to 45' AGL/186' MSL.
Tree, pole beginning 180' from DER, 3' left of centerline, up to 51' AGL/196' MSL.
Rwy 14, pole 54' from DER, 342' left of centerline, 34' AGL/156' MSL.
Trees beginning 62' from DER, 63' right of centerline, up to 41' AGL/164' MSL.
Trees beginning 161' from DER, 70' right of centerline, up to 57' AGL/177' MSL.
Tree 195' from DER, 88' left of centerline, 32' AGL/162' MSL.
Trees beginning 250' from DER, 408' right of centerline, up to 63' AGL/183' MSL.
Trees beginning 442' from DER, 423' right of centerline, up to 75' AGL/195' MSL.
Trees beginning 627' from DER, 347' right of centerline, up to 76' AGL/196' MSL.
Trees beginning 762' from DER, 293' right of centerline, up to 78' AGL/198' MSL.
Tree 843' from DER, 50' left of centerline, 62' AGL/177' MSL.
Trees beginning 849' from DER, 382' right of centerline, up to 76' AGL/202' MSL.
Trees beginning 928' from DER, 57' right of centerline, up to 78' AGL/203' MSL.
Trees beginning 1137' from DER, 297' left of centerline, up to 75' AGL/184' MSL.
Tree 1556' from DER, 75' left of centerline, 63' AGL/201' MSL.
Trees beginning 1592' from DER, 48' left of centerline, up to 65' AGL/205' MSL.
Tree 1635' from DER, 179' left of centerline, 69' AGL/209' MSL.
Rwy 32, vehicle on road 23' from DER, 322' right of centerline, 121' MSL.
Vehicle on road 53' from DER, 366' left of centerline, 122' MSL.
Vehicle on road beginning 80' from DER, 108' right of centerline, up to 123' MSL.
Trees beginning 107' from DER, 191' right of centerline, up to 69' AGL/176' MSL.
Trees beginning 117' from DER, 364' left of centerline, up to 45' AGL/147' MSL.
Tree 192' from DER, 490' left of centerline, 64' AGL/164' MSL.
Trees beginning 224' from DER, 94' left of centerline, up to 68' AGL/168' MSL.
Trees beginning 1330' from DER, 30' right of centerline, up to 99' AGL/179' MSL.
Trees beginning 1942' from DER, 188' left of centerline, up to 102' AGL/181' MSL.

NE-2, 10 SEP 2020 to 05 NOV 2020

BERLIN, NJ
CAMDEN COUNTY (19N)
TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES
AMDT 2 13NOV14 (14317) (FAA)
TAKEOFF MINIMUMS:
Rwy 5, 600-1¾ or std. with a min. climb of 442' per NM to 700.
DEPARTURE PROCEDURE:
Rwy 5, climb heading 050° to 600 before turning on course.
Rwy 23, climb heading 230° to 600 before turning on course.
TAKEOFF OBSTACLE NOTES:
Rwy 5, poles beginning at 1' from DER, 199' left and right of centerline, up to 35' AGL/179' MSL.
Vehicle on road beginning 76' from DER, 7' left and right of centerline, up to 15' AGL/158' MSL.
Trees beginning 73' from DER, 204' left and right of centerline, up to 120' AGL/271' MSL.
Sign 23' from DER, 97' right of centerline, up to 6' AGL/147' MSL.
Towers beginning at 1.2 NM from DER, 246' left and right of centerline, up to 310' AGL/500' MSL.
Rwy 23, poles beginning at 183' from DER, 37' left and right of centerline, up to 36' AGL/186' MSL.
Railroad beginning at 103' from DER, 25' left and of centerline, up to 17' AGL/167' MSL.
Trees beginning 4' from DER, 1' left and right of centerline, up to 79' AGL/234' MSL.

BINGHAMTON, NY
GREATER BINGHAMTON/EDWIN A. LINK FIELD (BGM)
TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES
ORIG 05JUN08 (08157) (FAA)
TAKEOFF OBSTACLE NOTES:
Rwy 10, trees beginning 143' from DER, 259' left of centerline, up to 29' AGL/1579' MSL.
Rwy 16, trees beginning 162' from DER, 325' left of centerline, up to 100' AGL/1669' MSL.
Rwy 28, trees beginning 157' from DER, 406' left of centerline, up to 52' AGL/1602' MSL.
Rwy 34, antenna 216' from DER, 223' right of centerline, 93' AGL/1643' MSL.

BLAIRSTOWN, NJ
BLAIRSTOWN (1N7)
TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES
AMDT 2 10MAR11 (11069) (FAA)
TAKEOFF MINIMUMS:
Rwy 7, 500-3.
Rwy 25, 600-3.
DEPARTURE PROCEDURE:
Rwy 7, climb heading 074° to 1600 before proceeding on course.
Rwy 25, climb heading 254° to 2100 before proceeding on course.
TAKEOFF OBSTACLE NOTES:
Rwy 7, trees beginning at DER, 276' right of centerline, up to 100' AGL/599' MSL.
Trees beginning at DER, 145' left of centerline, up to 100' AGL/599' MSL.
Rwy 25, trees beginning at DER, 178' right of centerline, up to 100' AGL/559' MSL.
Trees beginning at DER, 220' left of centerline, up to 100' AGL/759' MSL.

BROCKPORT, NY
LEDGEDALE AIRPARK (7G0)
TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES
ORIG 15JAN09 (09015) (FAA)
TAKEOFF OBSTACLE NOTES:
Rwy 10, trees beginning 882' from DER, 568' left of centerline up to 100' AGL/764' MSL.
Rwy 28, tree beginning 1820' from DER, 769' right of centerline up to 100' AGL/764' MSL.
Trees beginning 3049' from DER, 1253' left of centerline up to 100' AGL/759' MSL.

BUFFALO, NY
BUFFALO AIRFIELD (9G0)
TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES
AMDT 1 20NOV08 (08325) (FAA)
TAKEOFF OBSTACLE NOTES:
Rwy 6, trees beginning 2296' from DER, 68' left of centerline, up to 100' AGL/770' MSL.
Tree 4038' from DER, 1425' right of centerline, 100' AGL/779' MSL.
Trees beginning 3080' from DER, 219' right of centerline, up to 100' AGL/769' MSL.
Rwy 24, trees beginning 91' from DER, 208' right of centerline, up to 100' AGL/780' MSL.
Trees beginning 868' from DER, 112' left of centerline, up to 100' AGL/750' MSL.

BUFFALO, NY (CON'T)

BUFFALO NIAGARA INTL (BUF)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 6 26JUL12 (12208) (FAA)

TAKEOFF OBSTACLE NOTES:

Rwy 5, trees beginning 649' from DER, 347' left of centerline, up to 100' AGL/756' MSL.
Trees beginning 1449' from DER, 685' right of centerline, up to 100' AGL/787' MSL.
Rwy 14, trees, poles, signs, and fence 2' from DER, 395' right of centerline, up to 100' AGL/759' MSL.
Trees, poles, and building beginning 329' from DER, 17' left of centerline, up to 100' AGL/790' MSL.
Rwy 23, trees, poles, building, and signs beginning 393' from DER, 108' right of centerline, up to 100' AGL/741' MSL.
Trees, poles, building, and signs beginning 14' from DER, 216' left of centerline, up to 100' AGL/732' MSL.
Rwy 32, trees and poles beginning 632' from DER, 10' right of centerline, up to 100' AGL/753' MSL.
Trees and vegetation beginning 16' from DER, 27' left of centerline, up to 100' AGL/756' MSL.

CALDWELL, NJ

ESSEX COUNTY (CDW)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 2A 08NOV18 (18312) (FAA)

TAKEOFF MINIMUMS:

Rwy 10, NA - Obstacles.
Rwy 22, 300-1¼ or std. w/min. climb of 655' per NM to 400.

DEPARTURE PROCEDURE:

Rwy 4, climb heading 043° to 1000 before turning right.
Rwy 22, climb heading 223° to 900 before turning left.
Rwy 28, climb heading 276° to 1100 before turning right.

TAKEOFF OBSTACLE NOTES:

Rwy 4, sign 18' from DER, 150' right of centerline, 3' AGL/173' MSL.
Tree 20' from DER, 310' left of centerline, 257' MSL.
Trees, fence beginning 21' from DER, 24' right of centerline, up to 105' AGL/268' MSL.
Trees beginning 324' from DER, 322' left of centerline, up to 272' MSL.
Trees, pole, buildings beginning 385' from DER, 2' left of centerline, up to 110' AGL/277' MSL.
Trees beginning 3620' from DER, 527' right of centerline, up to 280' MSL.
Rwy 22, trees, poles, vegetation, buildings, NAVAID, fence, vehicle on road beginning 1' from DER, on centerline, up to 96' AGL/263' MSL.
Trees, buildings, poles beginning 952' from DER, 62' right of centerline, up to 269' MSL.
Trees, buildings, poles beginning 1101' from DER, 5' right of centerline, up to 270' MSL.
Trees, poles, buildings beginning 1464' from DER, 27' left of centerline, up to 273' MSL.
Trees beginning 1535' from DER, 249' right of centerline, up to 284' MSL.
Trees, buildings beginning 1554' from DER, 358' right of centerline, up to 285' MSL.
Trees, buildings, vehicle on road, terrain beginning 1580' from DER, 51' left of centerline, up to 293' MSL.
Trees beginning 1787' from DER, 81' right of centerline, up to 295' MSL.
Trees, terrain, buildings beginning 1860' from DER, 48' right of centerline, up to 85' AGL/324' MSL.
Trees, traverse way, terrain, buildings, poles, fence, tower beginning 2216' from DER, 15' right of centerline, up to 84' AGL/343' MSL.
Rwy 28, building 28' from DER, 475' left of centerline, 196' MSL.
Trees beginning 51' from DER, 176' left of centerline, up to 48' AGL/214' MSL.
Trees, buildings, traverse way, poles beginning 116' from DER, 15' left of centerline, up to 71' AGL/237' MSL.
Tree 357' from DER, 156' right of centerline, 25' AGL/193' MSL.
Trees, buildings, traverse way, poles beginning 363' from DER, 15' right of centerline, up to 240' MSL.
Trees, poles beginning 533' from DER, 170' left of centerline, up to 241' MSL.
Trees, vehicle on road, buildings, poles beginning 592' from DER, 15' left of centerline, up to 242' MSL.
Trees, buildings, poles beginning 921' from DER, 22' right of centerline, up to 82' AGL/255' MSL.
Trees beginning 1790' from DER, 201' left of centerline, up to 76' AGL/249' MSL.
Trees beginning 2287' from DER, 30' right of centerline, up to 259' MSL.
Trees beginning 2515' from DER, 32' left of centerline, up to 76' AGL/252' MSL.
Trees beginning 3062' from DER, 62' left of centerline, up to 87' AGL/259' MSL.
Trees beginning 3093' from DER, 67' right of centerline, up to 264' MSL.
Trees beginning 3131' from DER, 86' left of centerline, up to 260' MSL.
Trees beginning 3216' from DER, 53' right of centerline, up to 265' MSL.
Trees beginning 3360' from DER, 86' left of centerline, up to 96' AGL/267' MSL.

CANANDAIGUA, NY

CANANDAIGUA (IUA)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 1 13NOV14 (14317) (FAA)

TAKEOFF OBSTACLE NOTES:

Rwy 13, ground 28' from DER, 301' left of centerline, 818' MSL.
Trees beginning 76' from DER, 444' right of centerline, up to 100' AGL/901' MSL.
Trees beginning 1147' from DER, 164' left of centerline, up to 100' AGL/855' MSL.
Rwy 31, ground 6' from DER, 489' left of centerline, 797' MSL.
Pole 197' from DER, 390' right of centerline, 39' AGL/823' MSL.
Trees beginning 850' from DER, 146' left of centerline, up to 100' AGL/873' MSL.

CORTLAND, NY

CORTLAND COUNTY-CHASE FIELD (N03)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 3 31MAY12 (12152) (FAA)

TAKEOFF MINIMUMS:

Rwy 6, std. w/min. climb of 328' per NM to 2200, or 1500-3 for climb in visual conditions.

Rwy 24, 500-2 or std. w/min. climb of 435' per NM to 1800.

DEPARTURE PROCEDURE:

Rwy 6, climb heading 059° to 2200 before turning; or for climb in visual conditions: cross Cortland County-Chase Field Airport at or above 2500' MSL before proceeding on course.

Rwy 24, climb heading 239° to 2200 before turning.

TAKEOFF OBSTACLE NOTES:

Rwy 6, vehicles on roadway, 755' from DER, across centerline, 15' AGL/1234' MSL.
Trees beginning 838' from DER, 415' right of centerline, up to 100' AGL/1299' MSL.
Trees beginning 2114' from DER, 326' left of centerline, up to 100' AGL/1339' MSL.
Tower 2.5 NM from DER, 595' right of centerline, 192' AGL/1624' MSL.

Rwy 24, trees beginning 749' from DER, 94' right of centerline, up to 100' AGL/1439' MSL.
Vehicles on roadway, 1364' from DER, across centerline, 17' AGL/1236' MSL.
Trees beginning 1.01 NM from DER, 1872' right of centerline, up to 100' AGL/1559' MSL.

CROSS KEYS, NJ

CROSS KEYS (17N)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 1 17DEC09 (09351) (FAA)

TAKEOFF OBSTACLE NOTES:

Rwy 9, trees beginning 81' from DER, 76' right of centerline, up to 100' AGL/289' MSL.
Trees beginning 1914' from DER, 834' left of centerline, up to 100' AGL/279' MSL.
Pole 4369' from DER, 643' left of centerline, 147' AGL/303' MSL.

Rwy 27, trees beginning 50' from DER, 20' right of centerline, up to 100' AGL/259' MSL.
Tree 2099' from DER, 893' left of centerline, 100 AGL/249' MSL.

DANSVILLE, NY

DANSVILLE MUNI (DSV)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 2A 22JUN17 (17173) (FAA)

TAKEOFF MINIMUMS:

Rwy 14, std. w/ min. climb of 482' per NM to 3000, or 2000-3 for climb in visual conditions.

Rwy 32, std. w/ min. climb of 399' per NM to 2400, or 700-2½ w/ min. climb of 321' per NM to 2400, or 2000-3 for climb in visual conditions.

DEPARTURE PROCEDURE:

Rwy 14, climb heading 137° to 3000 or for climb in visual conditions cross Dansville Muni airport at or above 2500 MSL before proceeding on course.

Rwy 32, climb heading 317° to 2400 or for climb in visual conditions cross Dansville Muni airport at or above 2500 MSL before proceeding on course.

TAKEOFF OBSTACLE NOTES:

Rwy 14, vehicle on roadway, at DER, 377' left of centerline, 15' AGL/675' MSL.
Trees beginning 7725' from DER, 635' left of centerline, up to 50' AGL/1409' MSL.
Vehicle on roadway, 174' from DER, 536' right of centerline, 15' AGL/675' MSL.
Trees beginning 1.8 NM from DER, 94' right of centerline, 50' AGL/1349' MSL.

Rwy 32, vehicle on roadway, 41' from DER, 470' left of centerline, 15' AGL/651' MSL.
Trees beginning 8840' from DER, 1396' left of centerline, up to 50' AGL/1249' MSL.

DUNKIRK, NY

CHAUTAUQUA COUNTY/ DUNKIRK (DKK)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 3 01FEB18 (18032) (FAA)

TAKEOFF MINIMUMS:

Rwy 6, std. or 2300-3 for climb in visual conditions.

Rwy 15, std. w/ min. climb of 455' per NM to 2500 or 2300-3 for climb in visual conditions.

Rwy 24, std. w/ min. climb of 220' per NM to 2500 or 2300-3 for climb in visual conditions.

Rwy 33, std. w/ min. climb of 250' per NM to 2000 or 2300-3 for climb in visual conditions.

DEPARTURE PROCEDURE:

Rwy 6, climb heading 059° to 1900 before turning.

Rwy 15, climb heading 149° to 3400 before turning.

Rwy 24, climb heading 239° to 2600 before turning.

Rwy 33, climb heading 329° to 1900 before turning.

VCOA:

Rwys 6, 15, 24, 33, obtain ATC approval for VCOA when requesting IFR clearance. Climb in visual conditions to cross Chautauqua County / Dunkirk airport at or above 2800 before proceeding on course.

CON'T

DUNKIRK, NY (CON'T)

CHAUTAUQUA COUNTY/ DUNKIRK (DKK) (CON'T)

TAKEOFF OBSTACLE NOTES:

Rwy 6, NAVAID 11' from DER, 91' left of centerline, 3' AGL/663' MSL.
Lighting 11' from DER, 30' right of centerline, 1' AGL/662' MSL.
Tree 657' from DER, 104' left of centerline, 696' MSL.
Trees beginning 739' from DER, 203' right of centerline, up to 704' MSL.
Trees beginning 756' from DER, 56' left of centerline, up to 730' MSL.
Tree 849' from DER, 298' right of centerline, 711' MSL.
Trees beginning 866' from DER, 228' right of centerline, up to 717' MSL.
Trees and poles beginning 964' from DER, 13' left of centerline, up to 736' MSL.
Trees beginning 1150' from DER, 48' right of centerline, up to 721' MSL.
Trees and poles beginning 1303' from DER, 27' right of centerline, up to 728' MSL.
Trees beginning 2376' from DER, 383' right of centerline, up to 741' MSL.
Trees and pole beginning 2424' from DER, 39' right of centerline, up to 761' MSL.
Tree 2736' from DER, 44' left of centerline, 740' MSL.
Trees beginning 2807' from DER, 66' left of centerline, up to 743' MSL.
Tree 3298' from DER, 990' left of centerline, 746' MSL.
Tree 3418' from DER, 1240' left of centerline, 749' MSL.
Rwy 15, electrical system 2' from DER, 156' right of centerline, 2' AGL/694' MSL.
Tree 5' from DER, 32' left of centerline, 1061' MSL.
Tree 7' from DER, 673' right of centerline, 1061' MSL.
Electrical system 9' from DER, 29' left of centerline, 3' AGL/695' MSL.
Tree 33' from DER, 949' right of centerline, 1062' MSL.
Tree and vegetation beginning 102' from DER, 423' left of centerline, up to 1058' MSL.
Tree 126' from DER, 2852' right of centerline, 1079' MSL.
Trees beginning 168' from DER, 1267' right of centerline, up to 1108' MSL.
Trees and fence beginning 349' from DER, 260' right of centerline, up to 1118' MSL.
Trees beginning 362' from DER, 173' left of centerline, up to 1071' MSL.
Trees beginning 514' from DER, 594' right of centerline, up to 773' MSL.
Trees beginning 537' from DER, 3296' right of centerline, up to 1122' MSL.
Tree 566' from DER, 661' left of centerline, 1090' MSL.
Trees beginning 620' from DER, 2278' right of centerline, up to 1151' MSL.
Tree 667' from DER, 1055' left of centerline, 1091' MSL.
Trees beginning 718' from DER, 259' right of centerline, up to 1155' MSL.
Trees beginning 740' from DER, 130' left of centerline, up to 1098' MSL.
Trees beginning 860' from DER, 251' left of centerline, up to 1105' MSL.
Tree 893' from DER, 250' left of centerline, 744' MSL.
Tree 948' from DER, 608' left of centerline, 765' MSL.
Tree 951' from DER, 1814' left of centerline, 1101' MSL.
Tree 1057' from DER, 190' left of centerline, 731' MSL.
Trees beginning 1183' from DER, 1274' left of centerline, up to 1131' MSL.
Tree 1227' from DER, 111' right of centerline, 748' MSL.
Tree 1237' from DER, 3974' right of centerline, 1140' MSL.
Tree 1259' from DER, 1505' right of centerline, 1144' MSL.
Tree 1263' from DER, 9' right of centerline, 1158' MSL.
Tree 1277' from DER, 520' left of centerline, 1152' MSL.
Tree 1279' from DER, 156' left of centerline, 766' MSL.
Trees beginning 1286' from DER, 681' right of centerline, up to 1159' MSL.
Trees beginning 1293' from DER, 46' left of centerline, up to 1145' MSL.
Tree, pole, and transmission line beginning 1324' from DER, 82' right of centerline, up to 745' MSL.
Tree 1359' from DER, 3174' right of centerline, 1143' MSL.
Tree 1407' from DER, 3804' right of centerline, 1149' MSL.
Tree 1453' from DER, 109' right of centerline, 749' MSL.
Tree 1462' from DER, 282' left of centerline, 746' MSL.
Vegetation 1465' from DER, 4041' left of centerline, 100' AGL/1111' MSL.
Trees beginning 1470' from DER, 105' right of centerline, up to 757' MSL.
Tree 1509' from DER, 173' left of centerline, 739' MSL.
Tree 1539' from DER, 2232' left of centerline, 1124' MSL.
Trees beginning 1550' from DER, 262' left of centerline, up to 1160' MSL.
Tree 1599' from DER, 2403' right of centerline, 1167' MSL.
Trees beginning 1637' from DER, 165' right of centerline, up to 1168' MSL.
Vegetation and trees beginning 1666' from DER, 91' right of centerline, up to 100' AGL/1193' MSL.
Tree 1701' from DER, 429' left of centerline, 1168' MSL.
Tree 1759' from DER, 271' right of centerline, 762' MSL.
Trees beginning 1768' from DER, 663' left of centerline, up to 1171' MSL.
Trees beginning 1770' from DER, 41' right of centerline, up to 1162' MSL.
Tree 1805' from DER, 662' left of centerline, 769' MSL.
Trees beginning 1806' from DER, 2070' right of centerline, up to 1179' MSL.
Tree 1826' from DER, 742' right of centerline, 767' MSL.
Vegetation 1832' from DER, 4014' left of centerline, 100' AGL/1134' MSL.
Tree 1838' from DER, 2116' left of centerline, 1156' MSL.
Trees beginning 1853' from DER, 153' right of centerline, up to 1174' MSL.
Tree, vegetation beginning 1867' from DER, 504' left of centerline, up to 1173' MSL.
Trees beginning 1894' from DER, 2679' right of centerline, up to 1179' MSL.

CON'T

DUNKIRK, NY (CON'T)

CHAUTAUQUA COUNTY/ DUNKIRK (DKK) (CON'T)

Rwy 15 (CON'T), tree 1952' from DER, 2435' right of centerline, 1184' MSL.
Vegetation and tree beginning 2041' from DER, 734' right of centerline, up to 100' AGL/1193' MSL.
Trees beginning 2135' from DER, 308' left of centerline, up to 1207' MSL.
Trees beginning 2221' from DER, 2217' right of centerline, up to 1199' MSL.
Tree 2273' from DER, 351' left of centerline, 779' MSL.
Trees and vegetation beginning 2284' from DER, 1172' left of centerline, up to 1210' MSL.
Vegetation and trees beginning 2310' from DER, 909' right of centerline, up to 100' AGL/1219' MSL.
Tree 2386' from DER, 307' left of centerline, 792' MSL.
Tree 2391' from DER, 967' left of centerline, 804' MSL.
Vegetation beginning 2416' from DER, 4010' right of centerline, up to 100' AGL/1223' MSL.
Tree 2419' from DER, 2817' left of centerline, 1153' MSL.
Trees beginning 2467' from DER, 134' left of centerline, up to 795' MSL.
Vegetation 2549' from DER, 4328' left of centerline, 100' AGL/1150' MSL.
Tree 2550' from DER, 326' left of centerline, 783' MSL.
Tree 2553' from DER, 528' left of centerline, 800' MSL.
Trees beginning 2557' from DER, 5' left of centerline, up to 1227' MSL.
Trees beginning 2565' from DER, 1135' right of centerline, up to 1223' MSL.
Trees beginning 2632' from DER, 2545' right of centerline, up to 1230' MSL.
Tree 2633' from DER, 266' left of centerline, 801' MSL.
Trees beginning 2643' from DER, 84' left of centerline, up to 809' MSL.
Vegetation and trees beginning 2682' from DER, 28' right of centerline, up to 100' AGL/1252' MSL.
Tree 2733' from DER, 1936' left of centerline, 1204' MSL.
Tree 2737' from DER, 382' left of centerline, 795' MSL.
Vegetation 2740' from DER, 4130' left of centerline, 100' AGL/1141' MSL.
Tree 2742' from DER, 2' left of centerline, 792' MSL.
Trees beginning 2778' from DER, 122' left of centerline, up to 803' MSL.
Tree 2799' from DER, 1824' left of centerline, 1202' MSL.
Trees beginning 2802' from DER, 677' left of centerline, up to 1235' MSL.
Trees beginning 2875' from DER, 36' left of centerline, up to 805' MSL.
Vegetation 2912' from DER, 4300' left of centerline, 100' AGL/1144' MSL.
Tree 2921' from DER, 977' left of centerline, 1237' MSL.
Trees beginning 2937' from DER, 109' left of centerline, up to 802' MSL.
Vegetation, trees, poles and transmission lines beginning 3056' from DER, 3' right of centerline, up to 100' AGL/1259' MSL.
Trees and vegetation beginning 3058' from DER, 67' left of centerline, up to 1168' MSL.
Trees, transmission lines, and poles beginning 3122' from DER, 202' left of centerline, up to 793' MSL.
Transmission line, pole and Trees beginning 3646' from DER, 96' left of centerline, up to 76' AGL/800' MSL.
Tree 4345' from DER, 1386' left of centerline, 806' MSL.
Tree 4747' from DER, 500' left of centerline, 824' MSL.
Trees beginning 5139' from DER, 24' left of centerline, up to 854' MSL.
Trees beginning 5779' from DER, 265' left of centerline, up to 857' MSL.
Tree 1 NM from DER, 30' left of centerline, 865' MSL.
Tree 1.1 NM from DER, 235' left of centerline, 872' MSL.
Trees beginning 1.1 NM from DER, 78' left of centerline, up to 876' MSL.
Trees beginning 1.1 NM from DER, 68' left of centerline, up to 880' MSL.
Trees beginning 1.2 NM from DER, 783' left of centerline, up to 882' MSL.
Tree 1.2 NM from DER, 1615' left of centerline, 885' MSL.
Trees beginning 1.2 NM from DER, 971' left of centerline, up to 889' MSL.
Trees beginning 1.2 NM from DER, 766' left of centerline, up to 892' MSL.
Tree 1.2 NM from DER, 1091' left of centerline, 893' MSL.
Tree 1.3 NM from DER, 1450' left of centerline, 900' MSL.
Trees beginning 1.3 NM from DER, 1106' left of centerline, up to 904' MSL.
Trees beginning 1.3 NM from DER, 969' left of centerline, up to 912' MSL.
Trees beginning 1.3 NM from DER, 1370' left of centerline, up to 915' MSL.
Tree 1.4 NM from DER, 2147' left of centerline, 926' MSL.
Tree 1.5 NM from DER, 1329' left of centerline, 936' MSL.
Trees beginning 1.6 NM from DER, 1733' left of centerline, up to 954' MSL.
Tree 1.6 NM from DER, 2216' left of centerline, 956' MSL.
Tree 1.8 NM from DER, 1162' left of centerline, 989' MSL.
Trees beginning 1.9 NM from DER, 2071' left of centerline, up to 1026' MSL.
Tree 1.9 NM from DER, 544' left of centerline, 1046' MSL.
Rwy 24, lighting 9' from DER, 95' left of centerline, 2' AGL/675' MSL.
Lighting 9' from DER, 99' right of centerline, 2' AGL/675' MSL.
Terrain beginning 23' from DER, 334' left of centerline, up to 683' MSL.
Trees beginning 745' from DER, 89' left of centerline, up to 749' MSL.
Trees beginning 1337' from DER, 8' right of centerline, up to 741' MSL.
Trees beginning 2095' from DER, 134' left of centerline, up to 757' MSL.
Tree 2504' from DER, 1041' right of centerline, 744' MSL.
Tree 3186' from DER, 445' left of centerline, 758' MSL.
Trees beginning 3193' from DER, 405' left of centerline, up to 768' MSL.
Trees beginning 3300' from DER, 424' left of centerline, up to 772' MSL.
Trees beginning 3462' from DER, 405' left of centerline, up to 778' MSL.
Tree 3522' from DER, 107' right of centerline, 774' MSL.
Tree 3564' from DER, 892' left of centerline, 779' MSL.
CON'T

DUNKIRK, NY (CON'T)

CHAUTAUQUA COUNTY/ DUNKIRK (DKK) (CON'T)

Rwy 24 (CON'T), trees beginning 3573' from DER, 370' left of centerline, up to 785' MSL.
Trees beginning 3665' from DER, 875' left of centerline, up to 788' MSL.
Rwy 33, vegetation 7' from DER, 436' left of centerline, 674' MSL.
Tree 912' from DER, 29' left of centerline, 691' MSL.
Trees beginning 945' from DER, 148' left of centerline, up to 694' MSL.
Tree 957' from DER, 65' right of centerline, 685' MSL.
Tree 1080' from DER, 234' left of centerline, 704' MSL.
Trees beginning 1161' from DER, 178' left of centerline, up to 721' MSL.
Trees beginning 1183' from DER, 110' right of centerline, up to 715' MSL.
Trees beginning 1622' from DER, 46' left of centerline, up to 722' MSL.
Tree 2189' from DER, 287' right of centerline, 719' MSL.
Tree 2290' from DER, 19' right of centerline, 724' MSL.
Tree 2366' from DER, 150' right of centerline, 727' MSL.
Tree 2401' from DER, 11' right of centerline, 735' MSL.
Tree 2516' from DER, 11' left of centerline, 724' MSL.
Tree 2523' from DER, 827' left of centerline, 730' MSL.
Tree 3296' from DER, 190' right of centerline, 747' MSL.

EAST HAMPTON, NY

EAST HAMPTON (HTO)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 3A 03MAR16 (16063) (FAA)

TAKEOFF MINIMUMS:

Rwy 34, 300-1¼ or std. w/ min. climb of 430' per NM to 400.

TAKEOFF OBSTACLE NOTES:

Rwy 10, tree and vehicles on roadway beginning 107' from DER, 259' left of centerline, up to 52' AGL/85' MSL.
Tree and vehicles on roadway beginning 297' from DER, on centerline, up to 52' AGL/79' MSL.
Trees beginning 370' from DER, 296' left of centerline, up to 60' AGL/93' MSL.
Trees beginning 580' from DER, 290' right of centerline, up to 61' AGL/88' MSL.
Tree 1105' from DER, 427' left of centerline, 56' AGL/95' MSL.
Trees beginning 1131' from DER, 405' left of centerline, up to 59' AGL/98' MSL.
Trees beginning 1493' from DER, 89' left of centerline, up to 65' AGL/100' MSL.
Trees beginning 1862' from DER, 386' left of centerline, up to 66' AGL/102' MSL.
Tree 2227' from DER, 520' right of centerline, 58' AGL/90' MSL.
Rwy 16, tree and vehicles on roadway beginning 177' from DER, 122' right of centerline, up to 44' AGL/78' MSL.
Tree 375' from DER, 195' left of centerline, 35' AGL/62' MSL.
Tree 607' from DER, 205' left of centerline, 49' AGL/75' MSL.
Tree and railroad beginning 770' from DER, 4' left of centerline, up to 50' AGL/76' MSL.
Rwy 28, trees beginning 53' from DER, 289' left of centerline, up to 49' AGL/103' MSL.
Trees beginning 221' from DER, 290' right of centerline, up to 49' AGL/107' MSL.
Tree 658' from DER, 397' right of centerline, 57' AGL/117' MSL.
Trees beginning 786' from DER, 303' left of centerline, up to 52' AGL/115' MSL.
Trees 1034' from DER, 421' right of centerline, up to 59' AGL/123' MSL.
Trees beginning 1170' from DER, 261' right of centerline, up to 67' AGL/128' MSL.
Trees beginning 1691' from DER, 5' right of centerline, up to 63' AGL/133' MSL.
Tree 1698' from DER, 592' left of centerline, 57' AGL/126' MSL.
Tree 2171' from DER, 668' left of centerline, 64' AGL/133' MSL.
Trees beginning 2353' from DER, 308' left of centerline, up to 67' AGL/137' MSL.
Trees beginning 2695' from DER, 283' left of centerline, up to 66' AGL/138' MSL.
Trees beginning 3245' from DER, 336' right of centerline, up to 65' AGL/143' MSL.
Rwy 34, tree and vehicles on roadway beginning 54' from DER, on centerline, up to 43' AGL/81' MSL.
Tree 103 ' from DER, 151' left of centerline, 36' AGL/76' MSL.
Tree 354' from DER, 188' left of centerline, 41' AGL/81' MSL.
Tree 654' from DER, 212' left of centerline, 48' AGL/86' MSL.
Powerlines beginning 1264' from DER, left and right of centerline, up to 132' AGL/176' MSL.
Tree 2499' from DER, 498' left of centerline, 36' AGL/144' MSL.
Tree 3947' from DER, 1539' left of centerline, 100' AGL/259' MSL.
Tree 6049' from DER, 1980' left of centerline, 100' AGL/239' MSL.

NE-2, 10 SEP 2020 to 05 NOV 2020

ELLENVILLE, NY

JOSEPH Y RESNICK (N89)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 1 15NOV12 (12320) (FAA)

TAKEOFF MINIMUMS:

Rwy 4, 400-1½ w/min. climb of 402' per NM to 4300 or std. w/min. climb of 490' per NM to 4300 or 2700-3 for climb in visual conditions.

Rwy 22, std. w/min. climb of 470' per NM to 2000 or 2700-3 for climb in visual conditions.

DEPARTURE PROCEDURE:

Rwy 4, climb on heading 047° to 4300' before proceeding on course or for climb in visual conditions, cross Joseph Y Resnick airport at or above 2800 before proceeding on course. When executing VCOA, notify ATC prior to departure.

Rwy 22, climb on heading 235° to 2900' before proceeding on course or for climb in visual conditions, cross Joseph Y Resnick airport at or above 2800 before proceeding on course. When executing VCOA, notify ATC prior to departure.

TAKEOFF OBSTACLE NOTES:

Rwy 4, trees 20' from DER, 11' right of centerline, up to 109' AGL/419' MSL.
Trees 1187' from DER, 456' left of centerline, up to 109' AGL/399' MSL.
Trees 2154' from DER, 416' right of centerline, 109' AGL/379' MSL.
Trees 2962' from DER, 780' left of centerline, 109' AGL/399' MSL.
Trees 4024' from DER, 1005' left of centerline, 109' AGL/419' MSL.

Rwy 22, trees beginning at DER, 175' right of centerline, up to 109' AGL/419' MSL.
Trees beginning at DER, 288' left of centerline, up to 109' AGL/419' MSL.
Pole 2196' from DER, 169' left of centerline, 84' AGL/384' MSL.

ELMIRA, NY

ELMIRA/CORNING RGNL (ELM)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 10 20JUN19 (19171) (FAA)

TAKEOFF MINIMUMS:

Rwys 5, 23, NA-ATC.

Rwy 6, 500-2¾ or std. w/min. climb of 350' per NM to 1500.

Rwy 10, 500-2 w/min. climb of 270' per NM to 2200 or std. w/min. climb of 420' per NM to 1500, or 2100-3 for VCOA.

Rwy 24, std. w/min. climb of 420' per NM to 2300, or 2100-3 for VCOA.

Rwy 28, 900-3 w/min. climb of 380' per NM to 2400 or std. w/min. climb of 650' per NM to 2100, or 2100-3 for VCOA.

DEPARTURE PROCEDURE:

Rwy 6, climb heading 062° to 2100 before proceeding on course.

Rwy 10, climb heading 101° to 2500 before proceeding on course.

Rwy 24, std. heading 242° to 2600 before proceeding on course.

Rwy 28, climb heading 281° to 2300 before proceeding on course.

VCOA:

Rwys 10, 24, 28, obtain ATC approval for VCOA when requesting IFR clearance. Climb in visual conditions to cross Elmira/Corning Rgnl airport at or above 2900 before proceeding on course.

TAKEOFF OBSTACLE NOTES:

Rwy 6, tree 581' from DER, 655' left of centerline, 25' AGL/976' MSL.
Tree 582' from DER, 513' left of centerline, 994' MSL.
Pole 597' from DER, on centerline, 20' AGL/970' MSL.
Trees beginning 1657' from DER, 820' left of centerline, up to 1023' MSL.
Trees beginning 3057' from DER, 383' right of centerline, up to 1039' MSL.
Tree 3434' from DER, 192' right of centerline, 1044' MSL.
Trees beginning 1.3 NM from DER, 2285' left of centerline, 1213' MSL.
Trees beginning 1.4 NM from DER, 2277' left of centerline, 1318' MSL.
Trees beginning 1.5 NM from DER, 1755' left of centerline, up to 1363' MSL.
Trees, terrain beginning 1.9 NM from DER, 1471' left of centerline, up to 1371' MSL.
Trees, poles beginning 2 NM from DER, 1776' left of centerline, up to 1412' MSL.
Trees beginning 2.1 NM from DER, 2282' left of centerline, up to 1423' MSL.

Rwy 10, fence 25' from DER, 494' left of centerline, 4' AGL/947' MSL.
Tree 549' from DER, 37' left of centerline, 969' MSL.
Tree 656' from DER, 329' left of centerline, 984' MSL.
Tree 701' from DER, 498' right of centerline, 969' MSL.
Tree 767' from DER, 666' left of centerline, 987' MSL.
Trees, poles beginning 782' from DER, 67' left of centerline, up to 998' MSL.
Tree 819' from DER, 413' right of centerline, 975' MSL.
Trees beginning 888' from DER, 110' right of centerline, up to 979' MSL.
Tree 1317' from DER, 613' right of centerline, 987' MSL.
Poles beginning 1351' from DER, 125' right of centerline, up to 51' AGL/998' MSL.
Pole 1743' from DER, 937' left of centerline, 38' AGL/999' MSL.
Poles, building beginning 1800' from DER, 235' left of centerline, up to 41' AGL/1000' MSL.
Tree 2051' from DER, 552' right of centerline, 1006' MSL.
Building, poles beginning 2160' from DER, 129' left of centerline, up to 47' AGL/1011' MSL.
Poles, building beginning 2383' from DER, 427' left of centerline, up to 50' AGL/1015' MSL.
Tree 2519' from DER, 616' right of centerline, 1012' MSL.
Poles beginning 2604' from DER, 304' left of centerline, up to 53' AGL/1019' MSL.
Pole 2703' from DER, 1215' left of centerline, 53' AGL/1020' MSL.
Tree 2737' from DER, 584' right of centerline, 1013' MSL.
Pole 2965' from DER, 1221' left of centerline, 52' AGL/1021' MSL.

CON'T

ELMIRA, NY (CON'T)

ELMIRA/CORNING RGNL (ELM) (CON'T)

Rwy 10 (CON'T), tree 5322' from DER, 1786' right of centerline, 1096' MSL.
Trees beginning 5460' from DER, 1787' right of centerline, up to 1152' MSL.
Tree 5617' from DER, 1992' right of centerline, 1160' MSL.
Trees beginning 5776' from DER, 1776' right of centerline, up to 1171' MSL.
Trees beginning 5886' from DER, 1852' right of centerline, up to 1178' MSL.
Trees beginning 1 NM from DER, 1773' right of centerline, up to 1215' MSL.
Trees beginning 1.1 NM from DER, 1783' right of centerline, up to 1288' MSL.
Trees beginning 1.2 NM from DER, 1990' right of centerline, up to 1351' MSL.
Trees, towers beginning 1.3 NM from DER, 1640' right of centerline, up to 1357' MSL.
Tower 1.6 NM from DER, 1748' right of centerline, up to 1237' MSL.
Rwy 24, terrain 12' from DER, 8' right of centerline, 944' MSL.
Terrain 34' from DER, 13' left of centerline, 944' MSL.
Sign 871' from DER, 634' left of centerline, 27' AGL/968' MSL.
Tree 962' from DER, 747' left of centerline, 991' MSL.
Tree 1455' from DER, 704' left of centerline, 59' AGL/997' MSL.
Trees beginning 1667' from DER, 529' left of centerline, up to 1006' MSL.
Rwy 28, terrain 27' from DER, 370' right of centerline, 940' MSL.
Pole 344' from DER, 571' right of centerline, 38' AGL/978' MSL.
Trees, traverse way, pole beginning 440' from DER, 451' right of centerline, up to 57' AGL/997' MSL.
Tree, buildings beginning 1028' from DER, 544' right of centerline, up to 1014' MSL.
Tree, poles beginning 1144' from DER, 460' right of centerline, up to 83' AGL/1022' MSL.
Tower, poles, trees beginning 1223' from DER, 468' right of centerline, up to 92' AGL/1031' MSL.
Tree 1342' from DER, 631' left of centerline, 973' MSL.
Trees beginning 1850' from DER, 185' left of centerline, up to 983' MSL.
Tree 2689' from DER, 1083' left of centerline, 1028' MSL.
Trees beginning 2845' from DER, 657' left of centerline, up to 1039' MSL.
Tree 4445' from DER, 1530' right of centerline, 1048' MSL.
Trees beginning 4525' from DER, 1408' right of centerline, up to 1065' MSL.
Trees, pole beginning 4654' from DER, 1434' right of centerline, up to 1067' MSL.
Tree 4918' from DER, 1765' right of centerline, 1112' MSL.
Trees beginning 5047' from DER, 1375' right of centerline, up to 1131' MSL.
Trees beginning 1 NM from DER, 1388' right of centerline, up to 1179' MSL.
Trees beginning 1.1 NM from DER, 778' right of centerline, up to 1389' MSL.
Trees beginning 1.2 NM from DER, 506' right of centerline, up to 1520' MSL.
Trees beginning 1.3 NM from DER, 260' right of centerline, up to 1604' MSL.
Trees, poles beginning 1.4 NM from DER, 90' right of centerline, up to 1637' MSL.
Trees beginning 1.4 NM from DER, 11' left of centerline, up to 1189' MSL.
Trees beginning 1.5 NM from DER, 14' left of centerline, up to 1254' MSL.
Trees beginning 1.5 NM from DER, 72' right of centerline, up to 1653' MSL.
Trees beginning 1.6 NM from DER, 18' right of centerline, up to 1756' MSL.
Trees beginning 1.6 NM from DER, 9' left of centerline, up to 1702' MSL.
Trees beginning 1.7 NM from DER, 11' left of centerline, up to 1420' MSL.
Trees beginning 1.8 NM from DER, 16' left of centerline, up to 1421' MSL.
Trees beginning 2.2 NM from DER, 21' left of centerline, up to 1480' MSL.
Trees beginning 2.3 NM from DER, 17' left of centerline, up to 1583' MSL.
Trees beginning 2.4 NM from DER, 30' left of centerline, up to 1626' MSL.
Tree 2.5 NM from DER, 1094' right of centerline, 1557' MSL.

CAUTION: Extensive glider activity in vicinity of airport.

ENDICOTT, NY

TRI-CITIES (CZG)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES
AMDT 4 03JUN10 (10154) (FAA)

TAKEOFF MINIMUMS:
Rwy 3, std. w/ min. climb of 515' per NM to 1700 or 700-2 with min. climb of 242 to 2000 or 1600-2 ½ for climb in visual conditions.
Rwy 21, std. w/ min. climb of 604' per NM to 2100 or 900-3 with min. climb of 470 to 2200 or 1600-2½ for climb in visual conditions.

DEPARTURE PROCEDURE:
Rwy 3, climb heading 036° to 2000 before proceeding on course or for climb in visual conditions: cross Tri-Cities airport at or above 2300 before proceeding on course.
Rwy 21, climb heading 216° to 2200 before proceeding on course or for climb in visual conditions: cross Tri-Cities airport at or above 2300 before proceeding on course.

TAKEOFF OBSTACLE NOTES:
Rwy 3, tree 1' from DER, 418' left of centerline, 78' AGL/907' MSL.
Multiple trees and train on tracks beginning 163' from DER, 56' left of centerline, up to 110' AGL/1469' MSL.
Multiple trees and tower beginning 1699' from DER, 259' right of centerline, up to 106' AGL/915' MSL.
Rwy 21, multiple trees, pole and tower beginning 51' from DER, 63' left of centerline, up to 84' AGL/1473' MSL.
Multiple trees beginning 751' from DER, 73' right of centerline, up to 86' AGL/1175' MSL.

FARMINGDALE, NY
REPUBLIC (FRG)
TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES
AMDT 7 08JAN15 (15008) (FAA)

TAKEOFF MINIMUMS:
Rwy 1, 300-1¼ or std. w/min. climb of 220' per NM to 300, or alternatively, with standard takeoff minimums and a normal 200' per NM climb gradient, takeoff must occur no later than 1500' prior to DER.
Rwy 32, 300-1¾ or std. w/ min. climb of 215' per NM to 400, or alternatively, with standard takeoff minimums and a normal 200' per NM climb gradient, takeoff must occur no later than 1500' prior to DER.

DEPARTURE PROCEDURE:
Rwy 1, climb heading 013° to 700 before turning left.
Rwy 32, climb heading 326° to 700 before turning right.

TAKEOFF OBSTACLE NOTES:
Rwy 1, fence 3' from DER, 421' left of centerline, 9' AGL/88' MSL.
Building, stack and trees beginning 264' from DER, 246' right of centerline, up to 55' AGL/134' MSL.
Trees beginning 315' from DER, 568' right of centerline, up to 76' AGL/155' MSL.
Pole and trees beginning 1266' from DER, 279' right of centerline, up to 54' AGL/137' MSL.
Tank, elevator and trees beginning 1382' from DER, 447' left of centerline, up to 69' AGL/141' MSL.
Tank 5858' from DER, 1440' left of centerline, 151' AGL/244' MSL.
Rwy 14, pole and vehicles on road beginning 181' from DER, 73' right of centerline, up to 17' AGL/74' MSL.
Trees beginning 534' from DER, 97' left of centerline, up to 33' AGL/88' MSL.
Trees beginning 915' from DER, 24' right of centerline, up to 66' AGL/119' MSL.
Pole and trees beginning 1124' from DER, 245' left of centerline, up to 50' AGL/104' MSL.
Trees 2135' from DER, 331' left of centerline, up to 77' AGL/124' MSL.
Rwy 19, sign, building, poles, and trees beginning 77' from DER, 208' right of centerline, up to 43' AGL/102' MSL.
Trees beginning 182' from DER, 498' left of centerline, up to 43' AGL/100' MSL.
Pole 861' from DER, 70' left of centerline, 41' AGL/99' MSL.
Poles and trees beginning 879' from DER, 14' right of centerline, up to 56' AGL/115' MSL.
Poles and trees beginning 1207' from DER, 308' left of centerline, up to 70' AGL/124' MSL.
Tower 2453' from DER, 318' right of centerline, 84' AGL/141' MSL.
Rwy 32, fence 146' from DER, 243' right of centerline, 12' AGL/88' MSL.
Pole 329' from DER, 451' left of centerline, 30' AGL/103' MSL.
Building and poles beginning 1489' from DER, 188' left of centerline, up to 69' AGL/142' MSL.
Trees 1690' from DER, 22' right of centerline, up to 52' AGL/124' MSL.
Tank 1.3 NM from DER, 1122' left of centerline, 107' AGL/296' MSL.

FISHERS ISLAND, NY
ELIZABETH FIELD (0B8)
TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES
AMDT 2 03DEC98 (98337) (FAA)

TAKEOFF MINIMUMS:
Rwy 7, 300-1 or std. with a min. climb of 300' per NM to 300.

TAKEOFF OBSTACLE NOTES:
Rwy 7, 15' AGL bunker 25' from DER, right of centerline.

FULTON, NY
OSWEGO COUNTY (FZY)
TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES
AMDT 1 17MAY01 (01137) (FAA)

TAKEOFF MINIMUMS:
Rwy 6, 300-1 or std. with a min. climb gradient of 270' per NM to 900.

TAKEOFF OBSTACLE NOTES:
Rwy 6, hill 1400' from DER, on centerline 50' AGL/549' MSL.
Rwy 15, trees 1700' from DER, on centerline 85' AGL/560' MSL.
Rwy 24, trees 1350' from DER, on centerline 60' AGL/517' MSL.
Rwy 33, road 400' from DER, on centerline 15' AGL/462 MSL.

GLENS FALLS, NY

FLOYD BENNETT MEMORIAL (GFL)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 1 16DEC10 (10350) (FAA)

TAKEOFF MINIMUMS:

Rwy 1, std. w/min. climb of 385' per NM to 2500 or 2000-3 for climb in visual conditions.
Rwy 12, std. w/min. climb of 304' per NM to 1800 or 2000-3 for climb in visual conditions.
Rwy 30, std. w/min. climb of 345' per NM to 2500 or 2000-3 for climb in visual conditions.

DEPARTURE PROCEDURE:

Rwy 1, climbing right turn to 2500 direct GANSE (GF) LOM before proceeding on course. For climb in visual conditions: cross Floyd Bennett Memorial Airport at or above 2200 MSL before proceeding on course.
Rwy 12, climbing right turn to 1800 direct GANSE (GF) LOM before proceeding on course. For climb in visual conditions: cross Floyd Bennett Memorial Airport at or above 2200 MSL before proceeding on course.
Rwy 19, climb heading 192° to 1400 before proceeding on course.
Rwy 30, climbing left turn to 2500 direct GANSE (GF) LOM before proceeding on course. For climb in visual conditions: cross Floyd Bennett Memorial Airport at or above 2200 MSL before proceeding on course.

TAKEOFF OBSTACLE NOTES:

Rwy 1, trees beginning 1185' from DER, 65' left of centerline, up to 88' AGL/503' MSL.
Trees beginning 1423' from DER, 24' right of centerline, up to 88' AGL/535' MSL.
Multiple towers beginning 5140' from DER, 5' left of centerline, up to 69' AGL/498' MSL.
Rwy 12, trees beginning 852' from DER, 115' left of centerline, up to 77' AGL/416' MSL.
Vehicles on road and trees beginning 378' from DER, 3' right of centerline, up to 80' AGL/429' MSL.
Rwy 19, trees beginning 703' from DER, 121' left of centerline, up to 65' AGL/454' MSL.
Bush and trees beginning 73' from DER, 46' right of centerline, up to 77' AGL/456' MSL.
Rwy 30, trees beginning 89' from DER, 20' left of centerline, up to 93' AGL/458' MSL.
Trees beginning 1281' from DER, 32' right of centerline, up to 89' AGL/472' MSL.

HAMILTON, NY

HAMILTON MUNI (VGC)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 3 10OCT19 (19283) (FAA)

TAKEOFF MINIMUMS:

Rwy 17, 500-2¾ or std. w/min. climb of 615' per NM to 1600, or 1300-3 for VCOA.
Rwy 35, std. w/min. climb of 405 to 2300, or 1300-3 for VCOA.

DEPARTURE PROCEDURE:

Rwy 17, climb heading 170° to 2000 before proceeding on course.
Rwy 35, climb heading 350° to 1700 before proceeding on course.

VCOA:

Rwy 17/35, obtain ATC approval for VCOA when requesting IFR clearance. Climb in visual conditions to cross Hamilton Muni Airport at or above 2300 before proceeding on course.

TAKEOFF OBSTACLE NOTES:

Rwy 17, tree 138' from DER, 301' right of centerline, 85' AGL/1205' MSL.
Tree, pole beginning 179' from DER, 253' left of centerline, up to 49' AGL/1168' MSL.
Tree 374' from DER, 362' right of centerline, 89' AGL/1209' MSL.
Trees beginning 588' from DER, 234' right of centerline, up to 92' AGL/1212' MSL.
Tree 958' from DER, 407' left of centerline, 54' AGL/1173' MSL.
Trees, poles beginning 1007' from DER, 138' left of centerline, up to 84' AGL/1202' MSL.
Tree 3172' from DER, 932' right of centerline, 82' AGL/1255' MSL.
Tree 3174' from DER, 1342' right of centerline, 65' AGL/1332' MSL.
Tank 3846' from DER, 1435' right of centerline, 42' AGL/1358' MSL.
Trees, poles beginning 4010' from DER, 860' right of centerline, up to 106' AGL/1428' MSL.
Tree 1.5 NM from DER, 2489' left of centerline, 94' AGL/1373' MSL.
Trees beginning 1.5 NM from DER, 1870' left of centerline, up to 78' AGL/1383' MSL.
Tower 1.7 NM from DER, 2808' left of centerline, 76' AGL/1552' MSL.
Tower, trees beginning 1.8 NM from DER, 2715' left of centerline, up to 98' AGL/1579' MSL.
Trees beginning 2 NM from DER, 1033' left of centerline, up to 78' AGL/1597' MSL.
Trees beginning 2.2 NM from DER, 66' right of centerline, up to 74' AGL/1517' MSL.
Tree 2.3 NM from DER, 1860' left of centerline, 78' AGL/1545' MSL.
Rwy 35, trees, poles beginning 363' from DER, 473' right of centerline, up to 68' AGL/1205' MSL.
Tree 955' from DER, 598' right of centerline, 86' AGL/1235' MSL.
Trees beginning 1193' from DER, 30' right of centerline, up to 85' AGL/1242' MSL.
Tree 2794' from DER, 128' left of centerline, 67' AGL/1203' MSL.
Trees beginning 2895' from DER, 445' right of centerline, up to 109' AGL/1269' MSL.
Trees beginning 3005' from DER, 304' left of centerline, up to 111' AGL/1247' MSL.
Tree 4172' from DER, 1430' right of centerline, 91' AGL/1281' MSL.

HAMMONTON, NJ
HAMMONTON MUNI (N81)
TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES
ORIG 15JAN09 (09015) (FAA)
DEPARTURE PROCEDURE:
Rwy 3, climb heading 034° to 600 before turning left.
TAKEOFF OBSTACLE NOTES:
Rwy 21, trees 1572' from DER, 526' left of centerline, 100' AGL/163' MSL.
Trees 3201' from DER, 911' right of centerline, 100' AGL/166' MSL.

HORNELL, NY
HORNELL MUNI (HTF)
TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES
AMDT 5 31MAY12 (12152) (FAA)
TAKEOFF MINIMUMS:
Rwy 18, std. w/ min. climb of 420' per NM to 2200 or 1500-3 for climb in visual conditions.
Rwy 36, NA-Obstacles.
DEPARTURE PROCEDURE:
Rwy 18, climb heading 165° to 2900 before proceeding on course or for climb in visual conditions cross Hornell Muni airport at or above 2600 MSL before proceeding on course.
TAKEOFF OBSTACLE NOTES:
Rwy 18, trees 1696' from DER, 143' left of centerline, up to 92' AGL/1252' MSL.
Trees 5644' from DER, 1746' right of centerline, up to 100' AGL/1499' MSL.

HUDSON, NY
COLUMBIA COUNTY (1B1)
TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES
AMDT 1A 19JUL18 (18200) (FAA)
TAKEOFF MINIMUMS:
Rwy 21, std. w/min. climb of 210' per NM to 2300 or 2300-3 for climb in visual conditions.
DEPARTURE PROCEDURE:
Rwy 3, climb heading 025° to 1500 before proceeding on course.
Rwy 21, climb heading 190° to 2300 before proceeding on course.
VCOA:
Rwy 21, obtain ATC approval for VCOA when requesting IFR clearance. Climb in visual conditions to cross Columbia County Airport at or above 2300 before proceeding on course.
TAKEOFF OBSTACLE NOTES:
Rwy 3, tree 187' from DER, 499' right of centerline, 36' AGL/239' MSL.
Trees beginning 353' from DER, 101' right of centerline, up to 44' AGL/246' MSL.
Tree 429' from DER, 134' left of centerline, 223' MSL.
Tree 430' from DER, 183' left of centerline, 225' MSL.
Trees beginning 432' from DER, 208' left of centerline, up to 230' MSL.
Pole 613' from DER, 655' left of centerline, 43' AGL/244' MSL.
Tree 839' from DER, 501' left of centerline, 65' AGL/263' MSL.
Trees beginning 1019' from DER, 555' right of centerline, up to 102' AGL/308' MSL.
Trees, poles beginning 1206' from DER, 226' left of centerline, up to 64' AGL/271' MSL.
Tree 2197' from DER, 748' left of centerline, 80' AGL/278' MSL.
Trees beginning 2264' from DER, 116' left of centerline, up to 76' AGL/281' MSL.
Trees beginning 2330' from DER, 188' left of centerline, up to 91' AGL/299' MSL.
Tree 3229' from DER, 451' left of centerline, 96' AGL/300' MSL.
Tree 3401' from DER, 582' left of centerline, 77' AGL/313' MSL.
Tree 3966' from DER, 348' left of centerline, 75' AGL/321' MSL.
Tree 4015' from DER, 443' right of centerline, 88' AGL/321' MSL.
Tree 4068' from DER, 804' left of centerline, 80' AGL/332' MSL.
Trees beginning 4189' from DER, 470' left of centerline, up to 80' AGL/338' MSL.
Rwy 21, fence 104' from DER, 373' left of centerline, 12' AGL/203' MSL.
Tree 483' from DER, 570' right of centerline, 64' AGL/250' MSL.
Trees beginning 563' from DER, 494' left of centerline, up to 76' AGL/253' MSL.
Tree 680' from DER, 532' right of centerline, 76' AGL/256' MSL.

ITHACA, NY

ITHACA TOMPKINS RGNL (ITH)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 5 08APR10 (10098) (FAA)

TAKEOFF MINIMUMS:

Rwy 14, Std. w/ min. climb of 350' per NM to 2400 or 1500-3 for climb in visual conditions.

Rwys 15, 33, NA-Environmental.

DEPARTURE PROCEDURE:

Rwy 14, Climb heading 145° to 2400 before turning left or for climb in visual conditions cross Ithaca Tompkins Rgnl airport at or above 2400 before proceeding on course.

Rwy 32, Climb heading 325° to 1600 before proceeding on course.

JAMESTOWN, NY

CHAUTAUQUA COUNTY/JAMESTOWN (JHW)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 6A 20JUN19 (19171)

TAKEOFF MINIMUMS:

Rwy 31, 200-1¼ or std. w/min. climb of 220' per NM to 2000.

TAKEOFF OBSTACLE NOTES:

Rwy 7, lighting 3' from DER, 5' left of centerline, 2' AGL/1720' MSL.
Sign 20' from DER, 249' left of centerline, 7' AGL/1722' MSL.
Vehicles on roadway beginning 299' from DER, crossing extended runway centerline, up to 15' AGL/1734' MSL.
Trees beginning 495' from DER, 525' left of centerline, up to 50' AGL/1749' MSL.
Rwy 13, electrical system at DER, 265' left of centerline, 1710' MSL.
Sign 5' from DER, 155' right of centerline, 1709' MSL.
Vehicles on roadway 69' from DER, 322' right of centerline, 1710' MSL.
Trees beginning 81' from DER, 495' left of centerline, up to 55' AGL/1755' MSL.
Terrain beginning 172' from DER, 289' right of centerline, up to 1714' MSL.
Tree 232' from DER, 491' left of centerline, 50' AGL/1756' MSL.
Fence 257' from DER, 499' right of centerline, 1715' MSL.
Terrain 307' from DER, 375' right of centerline, 1717' MSL.
Fence, vehicles on roadway beginning 387' from DER, 363' right of centerline, up to 1725' MSL.
Tree, pole, building beginning 401' from DER, 378' left of centerline, up to 57' AGL/1766' MSL.
Vehicles on roadway 436' from DER, 501' right of centerline, 1733' MSL.
Pole 457' from DER, 599' right of centerline, 31' AGL/1751' MSL.
Building, fence, vehicles on roadway, tree, pole beginning 527' from DER, 188' right of centerline, up to 48' AGL/1768' MSL.
Trees beginning 850' from DER, 11' left of centerline, up to 1774' MSL.
Building, pole beginning 1065' from DER, 308' right of centerline, up to 45' AGL/1770' MSL.
Tree 1301' from DER, 724' right of centerline, 1804' MSL.
Tree, pole, building beginning 1361' from DER, 4' right of centerline, up to 88' AGL/1819' MSL.
Trees beginning 2358' from DER, 316' left of centerline, up to 1779' MSL.
Tree 2432' from DER, 924' left of centerline, 1785' MSL.
Trees beginning 2485' from DER, 449' left of centerline, up to 1788' MSL.
Trees beginning 2610' from DER, 4' left of centerline, up to 1793' MSL.
Trees beginning 2750' from DER, 103' left of centerline, up to 1797' MSL.
Trees beginning 2851' from DER, 507' left of centerline, up to 1798' MSL.
Tree 2959' from DER, 611' left of centerline, 1802' MSL.
Trees beginning 2966' from DER, 694' left of centerline, up to 1804' MSL.
Trees beginning 3004' from DER, 556' left of centerline, up to 1805' MSL.
Trees beginning 3149' from DER, 621' left of centerline, up to 1808' MSL.
Trees beginning 3806' from DER, 1' left of centerline, up to 1813' MSL.
Tree 4208' from DER, 38' left of centerline, 1816' MSL.
Trees beginning 4322' from DER, 50' right of centerline, up to 1825' MSL.
Trees beginning 4376' from DER, 159' left of centerline, up to 1825' MSL.
Rwy 25, lighting 10' from DER, 29' left of centerline, 2' AGL/1722' MSL.
Lighting 10' from DER, 30' right of centerline, 2' AGL/1722' MSL.
Building 424' from DER, 261' left of centerline, 21' AGL/1733' MSL.
Tree 733' from DER, 654' left of centerline, 84' AGL/1753' MSL.
Tree 762' from DER, 662' left of centerline, 1756' MSL.
Rwy 31, sign 23' from DER, 200' left of centerline, 1724' MSL.
Terrain beginning 29' from DER, 303' left of centerline, up to 1735' MSL.
Trees beginning 46' from DER, 464' right of centerline, up to 73' AGL/1781' MSL.
Tree, terrain beginning 83' from DER, 423' left of centerline, up to 1740' MSL.
Fence, terrain beginning 133' from DER, 316' left of centerline, up to 1747' MSL.
Trees beginning 194' from DER, 460' right of centerline, up to 72' AGL/1785' MSL.
Fence 238' from DER, 500' left of centerline, 1751' MSL.
Fence, tree, terrain beginning 354' from DER, 471' left of centerline, up to 1752' MSL.
Trees beginning 402' from DER, 470' right of centerline, up to 68' AGL/1790' MSL.
Fence beginning 457' from DER, 500' left of centerline, up to 1753' MSL.
Tree 578' from DER, 630' left of centerline, 40' AGL/1783' MSL.
Tree, terrain, fence beginning 582' from DER, 376' left of centerline, up to 1806' MSL.
Trees beginning 764' from DER, 475' right of centerline, up to 1800' MSL.
Trees beginning 775' from DER, 201' left of centerline, up to 1814' MSL.
Trees beginning 947' from DER, 536' right of centerline, up to 1805' MSL.

CON'T

JAMESTOWN, NY (CON'T)

CHAUTAUQUA COUNTY/JAMESTOWN (JHW) (CON'T)

Rwy 31 (CON'T), tree 1011' from DER, 737' right of centerline, 1808' MSL.
Trees beginning 1057' from DER, 390' right of centerline, up to 1813' MSL.
Trees beginning 1266' from DER, 68' right of centerline, up to 84' AGL/1819' MSL.
Trees beginning 3494' from DER, 372' left of centerline, up to 1817' MSL.
Tree 3517' from DER, 786' left of centerline, 1824' MSL.
Trees beginning 3540' from DER, 447' left of centerline, up to 1835' MSL.
Trees beginning 3741' from DER, 419' left of centerline, up to 1841' MSL.
Tree 4412' from DER, 1677' left of centerline, 1843' MSL.
Trees beginning 4490' from DER, 1435' left of centerline, up to 1844' MSL.
Tree 4518' from DER, 1644' left of centerline, 1846' MSL.
Trees beginning 4615' from DER, 1457' left of centerline, up to 1856' MSL.
Trees beginning 4871' from DER, 1518' left of centerline, up to 1862' MSL.
Trees beginning 5135' from DER, 1044' left of centerline, up to 1868' MSL.
Trees beginning 5582' from DER, 1296' left of centerline, up to 1874' MSL.
Trees beginning 5725' from DER, 1015' left of centerline, up to 1875' MSL.

JOHNSTOWN, NY

FULTON COUNTY (NY0)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 2 23SEP10 (10266) (FAA)

TAKEOFF OBSTACLE NOTES:

Rwy 10, trees beginning 83' from DER, 62' left of centerline, up to 57' AGL/936' MSL.
Trees beginning 206' from DER, 176' right of centerline, up to 43' AGL/922' MSL.
Rwy 28, trees beginning 310' from DER, 48' left of centerline, up to 72' AGL/921' MSL.
Trees beginning 23' from DER, 54' right of centerline, up to 73' AGL/892' MSL.

KINGSTON, NY

KINGSTON-ULSTER (20N)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 1 02MAY13 (13122) (FAA)

TAKEOFF MINIMUMS:

Rwy 33, 300-2 w/ min. climb of 255' per NM to 1200.

DEPARTURE PROCEDURE:

Rwy 15, climb to 3000 on heading 153° and PWL VOR/DME R-316 to TRESA INT before proceeding on course.
Rwy 33, climbing right turn to 3000 on heading 170° and PWL VOR/DME R-316 to TRESA INT before proceeding on course.

TAKEOFF OBSTACLE NOTES:

Rwy 15, trees and poles abeam DER, 806' left of centerline, up to 99' AGL/221' MSL.
Trees and poles beginning 27' from DER, 170' right of centerline, up to 40' AGL/162' MSL.
Vehicles on road 235' from DER, 37' right of centerline, up to 17' AGL/141' MSL.
Trees beginning 1322' from DER, 835' right of centerline, up to 89' AGL/203' MSL.
Trees beginning 1325' from DER, 846' left of centerline, up to 99' AGL/215' MSL.
Rwy 33, construction cone 6' from DER, 39' right of centerline, 10' AGL/149' MSL.
Trees and poles beginning 19' from DER, 933' left of centerline, up to 99' AGL/349' MSL.
Trees and poles beginning 60' from DER, 922' right of centerline, up to 69' AGL/215' MSL.
Buildings beginning 60' from DER, from 577' left of centerline to 569' right of centerline, up to 29' AGL/271' MSL.
Vehicles on road beginning 184' from DER, from 285' left of centerline to 496' right of centerline, up to 17' AGL/182' MSL.
Trees beginning 2004' from DER, 1936' left of centerline, up to 94' AGL/362' MSL.
Trees beginning 2004' from DER, 1908' right of centerline, up to 110' AGL/388' MSL.

LAKE PLACID, NY

LAKE PLACID (LKP)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 1 10OCT19 (19283) (FAA)

TAKEOFF MINIMUMS:

Rwy 14, NA-obstacles.
Rwy 32, std. w/min. climb of 485' per NM to 4000, or 3600-3 for VCOA.

DEPARTURE PROCEDURE:

Rwy 32, climbing left turn to heading 304° to 5000 before proceeding on course.

VCOA:

Rwy 32, obtain ATC approval for VCOA when requesting IFR clearance. Climb in visual conditions to cross Lake Placid airport at or above 5200 before proceeding on course.

TAKEOFF OBSTACLE NOTES:

Rwy 32, sign 22' from DER, 120' left of centerline, 6' AGL/1746' MSL.
Trees beginning 24' from DER, 213' left of centerline, up to 1785' MSL.
Tree 81' from DER, 459' right of centerline, 72' AGL/1813' MSL.
Trees, buildings, poles beginning 84' from DER, 4' left of centerline, up to 1800' MSL.
Trees, fence, poles beginning 105' from DER, 9' right of centerline, up to 72' AGL/1814' MSL.
Trees, poles beginning 692' from DER, 43' left of centerline, up to 1826' MSL.
Trees, pole beginning 1001' from DER, 143' left of centerline, up to 1832' MSL.

CON'T

LAKE PLACID, NY (CON'T)

LAKE PLACID (LKP) (CON'T)

Rwy 32 (CON'T), trees beginning 1062' from DER, 77' left of centerline, up to 1871' MSL.
Trees, buildings, poles beginning 1242' from DER, 25' left of centerline, up to 1876' MSL.
Trees beginning 1733' from DER, 23' right of centerline, up to 94' AGL/1825' MSL.
Tree 3024' from DER, 28' right of centerline, 84' AGL/1828' MSL.
Tree 3368' from DER, 1114' right of centerline, 1839' MSL.
Tree 3505' from DER, 1241' right of centerline, 1842' MSL.
Tree 3532' from DER, 1015' right of centerline, 1849' MSL.
Trees beginning 3536' from DER, 1117' right of centerline, up to 1859' MSL.
Trees beginning 4089' from DER, 1519' right of centerline, up to 1865' MSL.
Trees beginning 4364' from DER, 689' left of centerline, up to 1878' MSL.
Tree 5055' from DER, 650' left of centerline, 1883' MSL.
Tree 5085' from DER, 1807' right of centerline, 1875' MSL.
Tree 5169' from DER, 1884' right of centerline, 1883' MSL.
Buildings, tree beginning 1 NM from DER, 1686' right of centerline, up to 72' AGL/1910' MSL.
Tree 1 NM from DER, 1412' right of centerline, 1913' MSL.
Building 1 NM from DER, 1786' right of centerline, 65' AGL/1917' MSL.
Trees beginning 1 NM from DER, 1135' right of centerline, up to 1933' MSL.
Buildings, trees beginning 1.1 NM from DER, 1373' right of centerline, up to 1952' MSL.
Tree 1.1 NM from DER, 2109' right of centerline, 1964' MSL.
Trees beginning 1.1 NM from DER, 1368' right of centerline, up to 1988' MSL.
Trees, pole beginning 1.1 NM from DER, 1813' right of centerline, up to 2012' MSL.
Tree, pole beginning 1.1 NM from DER, 1649' right of centerline, up to 2015' MSL.
Trees, vehicle on road beginning 1.1 NM from DER, 1351' right of centerline, up to 2016' MSL.
Tree 1.2 NM from DER, 1778' right of centerline, 2020' MSL.
Buildings beginning 1.2 NM from DER, 1919' right of centerline, up to 63' AGL/2022' MSL.
Building, trees beginning 1.2 NM from DER, 1478' right of centerline, up to 53' AGL/2024' MSL.
Trees, poles, buildings, vehicle on road, terrain beginning 1.2 NM from DER, 1439' right of centerline, up to 2045' MSL.
Trees, poles, vehicle on road, buildings beginning 1.3 NM from DER, 65' right of centerline, up to 2057' MSL.
Trees, building beginning 2 NM from DER, 2312' left of centerline, up to 2117' MSL.
Tree 2 NM from DER, 1382' right of centerline, 2063' MSL.

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

LAKEHURST, NJ

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 1 12OCT17 (17285)

TAKEOFF OBSTACLE NOTES:

Rwy 6, terrain 0' from DER, 500' right of cntrln, 105' MSL.
Terrain 150' from DER, 540' left of cntrln, 120' MSL.
Terrain 173' from DER, 546' left of cntrln, 120' MSL.
Terrain 546' from DER, 566' right of cntrln, 115' MSL.
Terrain 957' from DER, 668' left of cntrln, 128' MSL.
Terrain 1069' from DER, 540' left of cntrln, 130' MSL.
Rwy 15, terrain 0' from DER, 484' right of cntrln, 96' MSL.
Terrain 0' from DER, 500' left of cntrln, 98' MSL.
Rwy 24, terrain 0' from DER, 500' left of cntrln, 96' MSL.
Terrain 190' from DER, 551' right of cntrln, 101' MSL.
Rwy 33, terrain 0' from DER, 500' left of cntrln, 102' MSL.
Terrain 140' from DER, 522' right of cntrln, 112' MSL.
Terrain 523' from DER, 535' right of cntrln, 118' MSL.
Terrain 507' from DER, 636' right of cntrln, 119' MSL.

LAKEWOOD, NJ

LAKEWOOD (N12)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 2 29MAY14 (14149) (FAA)

TAKEOFF OBSTACLE NOTES:

Rwy 6, aircraft on taxiway abeam DER, 220' right of centerline, up to 15' AGL/49' MSL.
Vehicles on road beginning 5' from DER, crossing left to right, up to 15' AGL/49' MSL.
Trees, buildings and poles beginning 481' from DER, left and right of centerline, up to 100' AGL/139' MSL.
Transmission towers beginning 3815' from DER, right and left of centerline, up to 150' AGL/184' MSL.
Rwy 24, aircraft on taxiway abeam DER, 225' left of centerline, up to 15' AGL/59' MSL.
Trees abeam DER, 270' right and 275' left of centerline, up to 100' AGL/144' MSL.
Trees, buildings and vehicle on road beginning 371' from DER right and left of centerline up to 100' AGL/144' MSL.
Trees, buildings and storage tank beginning 881' from DER, left and right of centerline, up to 100' AGL/169' MSL.

LE ROY, NY

LE ROY (5G0)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 1 20SEP12 (12264) (FAA)

TAKEOFF MINIMUMS:

Rwy 28, 300-1½ or std. w/min. climb of 267' per NM to 1000.

DEPARTURE PROCEDURE:

Rwy 28, climb heading 284° to 1500 before turning left.

TAKEOFF OBSTACLE NOTES:

Rwy 10, trees and poles beginning 51' from DER. 101' right of centerline, up to 73' AGL/852' MSL.
Trees and poles beginning 26' from DER, 51' left of centerline, up to 64' AGL/843' MSL.
Buildings beginning 325' from DER, 116' right of centerline, up to 53' AGL/819' MSL.
Terrain beginning 96' from DER, 233' right of centerline, up to 787' MSL.
Rwy 28, trees and poles beginning 2' from DER, 38' left of centerline, up to 112' AGL/977' MSL.
Buildings, water tower and grain bins beginning 172' from DER, 38' left of centerline, up to 106' AGL/931' MSL.
Trees beginning 49' from DER, 100' right of centerline, up to 873' MSL.
Railroad 100' from DER. 261' right of centerline, 23' AGL/825' MSL.

LINCOLN PARK, NJ

LINCOLN PARK (N07)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 1 03JAN19 (19003) (FAA)

TAKEOFF MINIMUMS:

Rwy 1, 900-3 w/min. climb of 340' per NM to 1100 or 1600-2½ for VCOA.
Rwy 19, 400-2¼ or std. w/min. climb gradient of 330' per NM to 700.

DEPARTURE PROCEDURE:

Rwy 1, climb on heading 008° to 1300 before proceeding on course.
Rwy 19, climb on heading 188° to 900 before proceeding on course.

VCOA:

Rwy 1, obtain ATC approval for VCOA when requesting IFR clearance. Climb in visual conditions to cross Lincoln Park Airport at or above 1600 before proceeding on course.

TAKEOFF OBSTACLE NOTES:

Rwy 1, tree 1852' from DER, 766' left of centerline, 319' MSL.
Rwy 19, tree beginning 70' from DER, 324' right of centerline, up to 299' MSL.
Tower 4107' from DER, 460' right of centerline, 131' AGL/306' MSL.
Tower, beginning 4232' from DER, 133' right of centerline, up to 132' AGL/307' MSL.
Tree 1 NM from DER, 1729' right of centerline, 339' MSL.
Tree 1 NM from DER, 1823' right of centerline, 359' MSL.
Tree 1.1 NM from DER, 1955' right of centerline, 379' MSL.
Tree 1.1 NM from DER, 2042' right of centerline, 399' MSL.
Tree 1.1 NM from DER, 2086' right of centerline, 419' MSL.
Tree 1.2 NM from DER, 2135' right of centerline, 439' MSL.
Tree beginning 1.2 NM from DER, 320' right of centerline, up to 459' MSL.
Tree 1.3 NM from DER, 2194' right of centerline, 479' MSL.
Tree beginning 1.3 NM from DER, 320' right of centerline, up to 499' MSL.
Tree beginning 1.3 NM from DER, 369' right of centerline, up to 519' MSL.
Tree 1.6 NM from DER, 2899' left of centerline, 440' MSL.
Tree 1.6 NM from DER, 2849' left of centerline, 460' MSL.
Tree beginning 1.6 NM from DER, 3088' left of centerline, up to 480' MSL.

LINDEN, NJ

LINDEN (LDJ)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 2A 05MAY11 (11125) (FAA)

TAKEOFF MINIMUMS:

Rwy 9, 300-1¾ or std. w/min. climb of 259' per NM to 400.
Rwy 27, 300-1.

TAKEOFF OBSTACLE NOTES:

Rwy 9, pole and building 667' from DER, 53' right of centerline, up to 60' AGL/77' MSL.
Multiple stacks 1.3 NM from DER, 1135' right of centerline, up to 275' AGL/287' MSL.
Rwy 27, stack 825' from DER, 655' right of centerline, 86' AGL/113' MSL.
Multiple buildings 2197' from DER, left and right of centerline, up to 110' AGL/140' MSL.

LUMBERTON, NJ

FLYING W (N14)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 1 26JUL12 (12208) (FAA)

TAKEOFF OBSTACLE NOTES:

Rwy 1, transmission line towers beginning 4216' from DER, 396' left of centerline, up to 132' AGL/179' MSL.
Transmission line tower beginning 4239' from DER, 462' right of centerline, up to 147' AGL/191' MSL.
Vehicle on road 88' from DER, 300' left of centerline, 15' AGL/77' MSL.
Rwy 19, trees beginning 16' from DER, 1' left of centerline, up to 136' AGL/152' MSL.
Trees beginning 16' from DER, 11' right of centerline, up to 105' AGL/131' MSL.

MALONE, NY

MALONE-DUFORT (MAL)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 2 15NOV12 (12320) (FAA)

TAKEOFF MINIMUMS:

Rwy 14, 300-1¾ or std. w/min. climb of 310' per NM to 1200.

Rwy 23, 500-2¾ or std. w/min. climb of 285' per NM to 1500.

DEPARTURE PROCEDURE:

Rwy 5, climb heading 052° to 1500 before proceeding on course.

Rwy 14, climbing left turn heading 050° to 2300 before proceeding on course.

Rwy 23, climb heading 232° to 1500 before proceeding on course.

TAKEOFF OBSTACLE NOTES:

Rwy 5, terrain and trees beginning 15' from DER, 316' left and right of centerline, up to 100' AGL/814' MSL.

Rwy 14, sign, building and trees 171' from DER, 113' right of centerline, up to 100' AGL/809' MSL.

Trees, 385' from DER, across centerline, up to 100' AGL/841' MSL.

Buildings, poles and trees 868' from DER, 194' right of centerline, up to 100' AGL/887' MSL.

Buildings, poles and trees 1180' from DER, 184' left of centerline, up to 100' AGL/896' MSL.

Buildings, poles and trees 2304' from DER, 223' right of centerline, up to 100' AGL/947' MSL.

Buildings, poles and trees 3797' from DER, left, right and on centerline, up to 100' AGL/1021' MSL.

Water tank and trees 5951' from DER, 1145' right of centerline, up to 120' AGL/1036' MSL.

Rwy 23, trees beginning 61' from DER, 326' right of centerline, up to 100' AGL/827' MSL.

Bushes beginning 34' from DER, 271' left of centerline, up to 20' AGL/781' MSL.

Buildings and trees beginning 719' from DER, across centerline, up to 100' AGL/901' MSL.

Rwy 32, trees beginning 64' from DER, 50' right of centerline, up to 100' AGL/828' MSL.

MANVILLE, NJ

CENTRAL JERSEY RGNL (47N)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 4 28FEB19 (19059) (FAA)

TAKEOFF MINIMUMS:

Rwy 25, 300-1 or std. w/min. climb of 280' per NM to 300.

DEPARTURE PROCEDURE:

Rwy 7, climb heading 069° to 800 before turning left.

TAKEOFF OBSTACLE NOTES:

Rwy 7, lighting 12' from DER, 9' right of centerline, 65' MSL.

Trees beginning 38' from DER, 313' left of centerline, up to 138' MSL.

Buildings, tree beginning 59' from DER, 289' left of centerline, up to 19' AGL/87' MSL.

Trees, building, poles, terrain beginning 120' from DER, 217' left of centerline, up to 110' MSL.

Trees, poles, buildings beginning 192' from DER, 181' left of centerline, up to 116' MSL.

Pole 241' from DER, 465' right of centerline, 37' AGL/74' MSL.

Trees, pole, buildings beginning 267' from DER, 124' left of centerline, up to 68' AGL/132' MSL.

Trees, poles beginning 281' from DER, 262' right of centerline, up to 116' MSL.

Trees, buildings, pole beginning 371' from DER, 104' left of centerline, up to 123' MSL.

Trees, pole beginning 428' from DER, 172' right of centerline, up to 120' MSL.

Trees, buildings, pole beginning 452' from DER, 200' left of centerline, up to 133' MSL.

Trees beginning 506' from DER, 191' right of centerline, up to 124' MSL.

Tree 550' from DER, 550' right of centerline, 131' MSL.

Trees beginning 557' from DER, 3' right of centerline, up to 104' AGL/132' MSL.

Trees, poles, building beginning 736' from DER, 41' left of centerline, up to 123' MSL.

Trees beginning 1067' from DER, 6' left of centerline, up to 81' AGL/126' MSL.

Trees beginning 2081' from DER, 71' right of centerline, up to 157' MSL.

Rwy 25, traverse way 2' from DER, 82' right of centerline, 103' MSL.

Tree 14' from DER, 166' right of centerline, 115' MSL.

Tree 17' from DER, 458' right of centerline, 123' MSL.

Tree 23' from DER, 504' right of centerline, 129' MSL.

Trees beginning 26' from DER, 257' left of centerline, up to 126' MSL.

Trees beginning 37' from DER, 259' right of centerline, up to 131' MSL.

Tree 49' from DER, 285' left of centerline, 129' MSL.

Trees beginning 83' from DER, 15' right of centerline, up to 148' MSL.

Trees beginning 105' from DER, 203' left of centerline, up to 130' MSL.

Trees beginning 120' from DER, 249' left of centerline, up to 140' MSL.

Trees traverse way beginning 142' from DER, 49' right of centerline, up to 151' MSL.

Trees, traverse ways beginning 199' from DER, 14' left of centerline, up to 144' MSL.

Trees traverse way beginning 202' from DER, 1' right of centerline, up to 155' MSL.

Trees beginning 812' from DER, 7' right of centerline, up to 80' AGL/156' MSL.

Trees beginning 835' from DER, 26' left of centerline, up to 150' MSL.

Trees beginning 968' from DER, 4' right of centerline, up to 159' MSL.

Trees beginning 978' from DER, 59' left of centerline, up to 159' MSL.

Trees beginning 1040' from DER, 167' left of centerline, up to 161' MSL.

Trees beginning 1087' from DER, 6' left of centerline, up to 162' MSL.

Trees beginning 1204' from DER, 11' right of centerline, up to 162' MSL.

Trees beginning 1381' from DER, 62' right of centerline, up to 175' MSL.

Trees beginning 1538' from DER, 18' right of centerline, up to 176' MSL.

Transmission line 4389' from DER, 1465' left of centerline, 116' AGL/197' MSL.

Transmission line beginning 4547' from DER, 676' left of centerline, up to 170' AGL/244' MSL

MASSENA, NY
MASSENA INTL-RICHARDS FIELD (MSS)
TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES
AMDT 8A 03APR14 (14093) (FAA)
TAKEOFF MINIMUMS:
Rwy 23, 400-2½ or std. w/min. climb of 240' per NM to 800.
TAKEOFF OBSTACLE NOTES:
Rwy 5, antenna on building 291' from DER, 267' right of centerline, 9' AGL/238' MSL.
Obstruction light on localizer 347' from DER, on centerline, 7' AGL/241' MSL.
Trees beginning 551' from DER, 514' left of centerline, up to 75' AGL/324' MSL.
Trees beginning 825' from DER, 516' right of centerline, up to 56' AGL/292' MSL.
Rwy 9, bushes and trees beginning 371' from DER, 142' left of centerline, up to 64' AGL/303' MSL.
Trees beginning 784' from DER, 51' right of centerline, up to 73' AGL/312' MSL.
Rwy 23, trees, buildings, and poles beginning 1002' from DER, 249' left of centerline, up to 76' AGL/257' MSL.
Trees beginning 2233' from DER, 878' right of centerline, up to 60' AGL/277' MSL.
Light on tower 2.1 NM from DER, 2453' right of centerline, 388' AGL/596' MSL.
Rwy 27, trees beginning 341' from DER, 341' left of centerline, up to 81' AGL/292' MSL.
Trees beginning 499' from DER, 289' right of centerline, up to 100' AGL/329' MSL.

MC GUIRE FLD, (JOINT BASE MC GUIRE DIX LAKEHURST) (KWRI)
WRIGHTSTOWN, NJ
TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES
ORIG 20AUG15 (15232)
TAKEOFF OBSTACLE NOTES:
Rwy 6, trees 1432' to 1935' from DER, 426' to 1312' right of centerline, 94' AGL/192' MSL.
Trees 2405' from DER, 448' right of centerline, 79' AGL/174' MSL.
Trees 2663' from DER, 1186' left of centerline, 79' AGL/177' MSL.
Trees 3285' from DER, 362' right of centerline, 97' AGL/185' MSL.
Trees 3287' from DER, 341' left of centerline, 94' AGL/195' MSL.
Trees 3653' from DER, 944' right of centerline, 103' AGL/194' MSL.
Rwy 24, trees 1973' from DER, 980' left of centerline, 85' AGL/199' MSL.
Rwy 36, C-5 aircraft on Romeo row 1976' from DER, 1234' right of centerline, 66' AGL/184' MSL.

MIDDLETOWN, NY
RANDALL (06N)
TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES
AMDT 3 20SEP12 (12264) (FAA)
TAKEOFF MINIMUMS:
Rwy 26, 300-2 or std. with a min. climb of 205' per NM to 900, or alternatively, with std. takeoff minimums and a normal 200' per NM climb gradient, takeoff must occur no later than 1300' prior to DER.
DEPARTURE PROCEDURE:
Rwy 26, climb heading 246° to 1400 before proceeding on course.
TAKEOFF OBSTACLE NOTES:
Rwy 8, rising terrain beginning abeam DER, 143' left of centerline, up to 536' MSL.
Trees beginning 46' from DER, 237' right of centerline, up to 98' AGL/578' MSL.
Trees beginning 59' from DER, 412' left of centerline, up to 100' AGL/639' MSL.
Rwy 26, trees abeam DER, 155' left of centerline, up to 87' AGL/576' MSL.
Vehicles on roadway, 186' from DER, left and right of centerline, up to 15' AGL/522' MSL.
Trees beginning 343' from DER, 569' right of centerline, 95' AGL/596' MSL.
Pole, 506' from DER, 141' right of centerline, 41' AGL/543' MSL.

MILLBROOK, NY
SKY ACRES (44N)
TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES
AMDT 2 29MAY14 (14149) (FAA)
TAKEOFF MINIMUMS:
Rwy 17, 600-3 w/min. climb of 240' per NM to 1400 or std. w/min. climb of 390' per NM to 1500.
Rwy 35, 300-1¾ or std. w/min. climb of 261' per NM to 1100.
DEPARTURE PROCEDURE:
Rwy 17, climb heading 167° to 2200 then climbing right turn direct IGN VOR/DME before proceeding on course.
Rwy 35, climb heading 347° to 2100 then climbing left turn direct IGN VOR/DME before proceeding on course.
TAKEOFF OBSTACLE NOTES:
Rwy 17, trees beginning 156' from DER, 302' left of centerline, up to 96' AGL/779' MSL.
Trees beginning 3213' from DER, 1350' left of centerline, up to 100' AGL/1259' MSL.
Rwy 35, trees beginning 46' from DER, 341' right of centerline, up to 94' AGL/742' MSL.
Building 251' from DER, 399' right of centerline, 36' AGL/695' MSL.
Tower 1254' from DER, 725' right of centerline, 88' AGL/733' MSL.
Trees beginning 1.4 NM from DER, 2762' right of centerline, up to 100' AGL/919' MSL.
Trees beginning 407' from DER 284' left of centerline, up to 78' AGL/665' MSL.
Trees beginning 1.3 NM from DER, 1353' left of centerline, up to 100' AGL/919' MSL.

MILLVILLE, NJ

MILLVILLE MUNI (MIV)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 2 08JUN06 (06159) (FAA)

TAKEOFF OBSTACLE NOTES:

Rwy 10, multiple trees beginning 14' from DER, 498' right of centerline, up to 49' AGL/134' MSL.
Rwy 14, multiple trees beginning 20' from DER, 167' left and139' right of centerline, up to 72' AGL/154' MSL.
Rwy 28, multiple trees beginning 28' from DER, 144' left and 167' right of centerline, up to 80' AGL/154' MSL.
Rwy 32, multiple trees beginning 34' from DER, 341' left and 273' right of centerline, up to 71' AGL/152' MSL.

MONTAUK, NY

MONTAUK (MTP)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 3 18OCT12 (12292) (FAA)

TAKEOFF MINIMUMS:

Rwy 6, 300-1 or std. w/min. climb of 491' per NM to 300.
Rwy 24, 300-1

DEPARTURE PROCEDURE:

Rwy 24, climbing right turn to 3000 direct GON VOR/DME before proceeding on course.

TAKEOFF OBSTACLE NOTES:

Rwy 6, ship 3600' from DER, on centerline, up to 225' AGL/225' MSL.
Building 9' from DER, 188' left of centerline, 14' AGL/34' MSL.
Trees beginning 10' from DER, 29' right of centerline, up to 40' AGL/47' MSL.
Bushes beginning 514' from DER, 50' right of centerline, up to 21' AGL/41' MSL.
Bushes beginning 33' from DER, 9' left of centerline, up to 5' AGL/19' MSL.
Rwy 24, ship 990' from DER, on centerline, up to 225' AGL/225' MSL.
Trees beginning 5' from DER, 152' left of centerline, up to 36' AGL/41' MSL.
Poles beginning 155' from DER, 28' left of centerline, up to 34' AGL/41' MSL.
Trees beginning 49' from DER, 25' right of centerline, up to 61' AGL/81' MSL.
Poles beginning 49' from DER, 75' right of centerline, up to 22' AGL/42' MSL.
Building 245' from DER, 316' left of centerline, 29' AGL/36' MSL.
Buildings beginning 641' from DER, 189' right of centerline, up to 29' AGL/38' MSL.

MONTGOMERY, NY

ORANGE COUNTY(MGJ)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 3 03JAN19 (19003) (FAA)

TAKEOFF MINIMUMS:

Rwy 8, 300-1 or std. w/min. climb of 335' per NM to 700.
Rwy 22, 300-1⅛ or std. w/min. climb of 290' per NM to 600.
Rwy 26, 500-3 w/min. climb of 220' per NM to 1300 or std. w/min. climb of 380' per NM to 900 or 1500-3 for VCOA.

DEPARTURE PROCEDURE:

Rwy 4, climb on heading 036° to 2100 before proceeding on course.
Rwy 8, climb on heading 080° to 1100 before turning left.
Rwy 22, climb on heading 216° to 1000 before proceeding on course.
Rwy 26, climb on heading 260° to 1000 before turning right.

VCOA:

Rwy 26, obtain ATC approval for VCOA when requesting IFR clearance. Climb in visual conditions to cross Orange County Airport at or above 1700 before proceeding on course.

TAKEOFF OBSTACLE NOTES:

Rwy 4, terrain 23' from DER, 304' left of centerline, 371' MSL.
Terrain 24' from DER, 184' left of centerline, 373' MSL.
Trees, terrain, vehicles on road, vegetation beginning 32' from DER, 21' right of centerline, up to 410' MSL.
Trees, vehicles on road beginning 88' from DER, 39' left of centerline, up to 404' MSL.
Tree 699' from DER, 575' left of centerline, 405' MSL.
Trees beginning 782' from DER, 490' left of centerline, up to 417' MSL.
Tree 1004' from DER, 689' right of centerline, 430' MSL.
Tree 1046' from DER, 728' left of centerline, 439' MSL.
Trees beginning 1113' from DER, 545' right of centerline, up to 436' MSL.
Trees beginning 1171' from DER, 19' left of centerline, up to 101' AGL/442' MSL.
Tree 1394' from DER, 454' right of centerline, 438' MSL.
Trees beginning 1471' from DER, 104' right of centerline, up to 440' MSL.
Trees beginning 1519' from DER, 71' right of centerline, up to 445' MSL.
Trees beginning 1720' from DER, 28' right of centerline, up to 446' MSL.
Tree 2528' from DER, 101' left of centerline, 446' MSL.
Tree 4340' from DER, 904' right of centerline, 482' MSL.
Rwy 8, tree 258' from DER, 316' right of centerline, 71' AGL/451' MSL.
Tree 345' from DER, 373' right of centerline, 76' AGL/455' MSL.
Trees beginning 389' from DER, 500' right of centerline, up to 95' AGL/475' MSL.
Building 828' from DER, 411' left of centerline, 32' AGL/411' MSL.
Tree 967' from DER, 724' left of centerline, 95' AGL/479' MSL.
Trees, building, pole beginning 1002' from DER, 331' left of centerline, up to 480' MSL.
Trees beginning 4721' from DER, 298' left of centerline, up to 525' MSL.

CON'T

MONTGOMERY, NY (CON'T)

ORANGE COUNTY(MGJ) (CON'T)

Rwy 8 (CON'T), tree 4727' from DER, 1437' right of centerline, 560' MSL.
Rwy 22, trees, tower, NAVAID, wind indicator beginning 65' from DER, 35' right of centerline, up to 408' MSL.
Trees beginning 356' from DER, 299' right of centerline, up to 422' MSL.
Trees beginning 898' from DER, 434' right of centerline, up to 433' MSL.
Tree 1542' from DER, 876' left of centerline, 401' MSL.
Tree 1745' from DER, 852' left of centerline, 404' MSL.
Tree 1866' from DER, 968' left of centerline, 419' MSL.
Tree 2302' from DER, 932' left of centerline, 421' MSL.
Trees beginning 2393' from DER, 915' left of centerline, up to 438' MSL.
Trees beginning 2517' from DER, 684' right of centerline, up to 436' MSL.
Trees beginning 3121' from DER, 1096' right of centerline, up to 438' MSL.
Tree 3335' from DER, 722' right of centerline, 77' AGL/448' MSL.
Tree 3349' from DER, 747' right of centerline, 453' MSL.
Trees beginning 3410' from DER, 567' right of centerline, up to 76' AGL/454' MSL.
Trees beginning 3452' from DER, 295' right of centerline, up to 81' AGL/460' MSL.
Tree 3509' from DER, 712' right of centerline, 461' MSL.
Trees beginning 3514' from DER, 94' right of centerline, up to 469' MSL.
Trees beginning 4175' from DER, 417' right of centerline, up to 476' MSL.
Trees beginning 4334' from DER, 990' right of centerline, up to 491' MSL.
Trees beginning 4461' from DER, 1063' right of centerline, up to 503' MSL.
Trees beginning 4832' from DER, 1069' right of centerline, up to 528' MSL.
Rwy 26, terrain 20' from DER, 485' right of centerline, 354' MSL.
Wind indicator 26' from DER, 405' right of centerline, 370' MSL.
Trees beginning 322' from DER, 274' right of centerline, up to 403' MSL.
Trees beginning 642' from DER, 399' right of centerline, up to 418' MSL.
Trees beginning 734' from DER, 244' right of centerline, up to 420' MSL.
Trees beginning 912' from DER, 439' right of centerline, up to 433' MSL.
Trees beginning 1100' from DER, 399' right of centerline, up to 443' MSL.
Trees beginning 1224' from DER, 641' right of centerline, up to 88' AGL/446' MSL.
Tree 1377' from DER, 659' right of centerline, 447' MSL.
Tree 1378' from DER, 100' left of centerline, 403' MSL.
Trees beginning 1389' from DER, 1' right of centerline, up to 449' MSL.
Trees, terrain beginning 1521' from DER, 206' left of centerline, up to 418' MSL.
Tree 1684' from DER, 392' left of centerline, 428' MSL.
Trees, terrain beginning 1724' from DER, 125' left of centerline, up to 429' MSL.
Trees beginning 1997' from DER, 142' left of centerline, up to 433' MSL.
Trees beginning 2103' from DER, 101' left of centerline, up to 436' MSL.
Tree 2666' from DER, 1188' left of centerline, 77' AGL/448' MSL.
Trees beginning 2694' from DER, 39' left of centerline, up to 453' MSL.
Tree 2955' from DER, 312' right of centerline, 472' MSL.
Trees beginning 2999' from DER, 608' right of centerline, up to 478' MSL.
Trees beginning 3367' from DER, 748' left of centerline, up to 456' MSL.
Tree 3464' from DER, 1164' left of centerline, 461' MSL.
Trees beginning 3537' from DER, 1038' left of centerline, up to 469' MSL.
Trees beginning 3671' from DER, 15' left of centerline, up to 476' MSL.
Tree 3946' from DER, 1155' left of centerline, 478' MSL.
Tree 4016' from DER, 1229' left of centerline, 491' MSL.
Trees beginning 4028' from DER, 623' left of centerline, up to 497' MSL.
Trees beginning 4123' from DER, 703' left of centerline, up to 525' MSL.
Tree 4188' from DER, 1072' right of centerline, 514' MSL.
Trees beginning 4247' from DER, 824' left of centerline, up to 541' MSL.
Tree 4248' from DER, 532' right of centerline, 516' MSL.
Trees beginning 4258' from DER, 588' left of centerline, up to 548' MSL.
Tree 4425' from DER, 930' left of centerline, 559' MSL.
Trees beginning 4452' from DER, 1090' left of centerline, up to 561' MSL.
Trees, terrain beginning 4540' from DER, 368' left of centerline, up to 563' MSL.
Tree 4591' from DER, 899' right of centerline, 533' MSL.
Tree 4681' from DER, 1324' right of centerline, 553' MSL.
Trees beginning 4754' from DER, 120' right of centerline, up to 556' MSL.
Tree 1.7 NM from DER, 3090' right of centerline, 651' MSL.
Trees beginning 1.7 NM from DER, 765' left of centerline, up to 701' MSL.
Tree 1.8 NM from DER, 3467' right of centerline, 708' MSL.
Trees beginning 1.8 NM from DER, 1007' left of centerline, up to 731' MSL.
Tree 1.8 NM from DER, 2966' right of centerline, 722' MSL.
Trees beginning 1.9 NM from DER, 2473' right of centerline, up to 725' MSL.
Trees beginning 2.1 NM from DER, 2332' right of centerline, up to 812' MSL.

NE-2, 10 SEP 2020 to 05 NOV 2020

MONTICELLO, NY
SULLIVAN COUNTY INTL (MSV)
TAKEOFF MINIMUMS AND (OBSTACLE)
DEPARTURE PROCEDURES
DEPARTURE PROCEDURE:
Rwy 33, climb straight ahead to 2500 before departing on course.

MORRISTOWN, NJ
MORRISTOWN MUNI (MMU)
TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES
AMDT 8 20002 (FAA)
TAKEOFF MINIMUMS:
Rwy 13, 300-1½ or std. w/min. climb of 230' per NM to 500.
Rwy 23, 400-2¼ w/min. climb of 205' per NM to 700 or std. w/min. climb of 460' per NM to 700.
Rwy 31, 400-1⅜ w/min. climb of 320' per NM to 1500.
DEPARTURE PROCEDURE:
Rwy 5, climb on heading 49° to 600 before turning left.
Rwy 13, climb on heading 127° to 800 before turning left.
Rwy 23, climb on heading 229° to 900 before turning right.
TAKEOFF OBSTACLE NOTES:
Rwy 5, lighting 5' from DER, 6' right of centerline, 1' AGL/184' MSL.
Trees beginning 6' from DER, 285' right of centerline, up to 187' MSL.
Tree 16' from DER, 300' right of centerline, 36' AGL/209' MSL.
Trees beginning 20' from DER, 424' right of centerline, up to 39' AGL/212' MSL.
Trees beginning 131' from DER, 476' left of centerline, up to 27' AGL/201' MSL.
Tree 526' from DER, 518' left of centerline, 216' MSL.
Trees beginning 626' from DER, 546' left of centerline, up to 236' MSL.
Trees beginning 973' from DER, 436' left of centerline, up to 244' MSL.
Trees beginning 1116' from DER, 506' left of centerline, up to 248' MSL.
Tree 1218' from DER, 740' left of centerline, 252' MSL.
Trees beginning 1343' from DER, 455' left of centerline, up to 260' MSL.
Trees beginning 1690' from DER, 662' right of centerline, up to 229' MSL.
Trees beginning 1698' from DER, 388' left of centerline, up to 273' MSL.
Tree 1790' from DER, 610' right of centerline, 239' MSL.
Trees beginning 1796' from DER, 723' right of centerline, up to 249' MSL.
Trees beginning 1843' from DER, 518' right of centerline, up to 256' MSL.
Trees beginning 1911' from DER, 310' right of centerline, up to 266' MSL.
Trees beginning 2077' from DER, 536' left of centerline, up to 280' MSL.
Trees beginning 2177' from DER, 364' left of centerline, up to 107' AGL/284' MSL.
Trees beginning 2302' from DER, 533' right of centerline, up to 278' MSL.
Trees beginning 2340' from DER, 649' right of centerline, up to 288' MSL.
Tree 2405' from DER, 950' left of centerline, 109' AGL/286' MSL.
Trees beginning 2408' from DER, 48' left of centerline, up to 287' MSL.
Trees beginning 2423' from DER, 44' right of centerline, up to 290' MSL.
Rwy 13, tree, lighting beginning 38' from DER, 150' left of centerline, up to 187' MSL.
Lighting 39' from DER, 150' right of centerline, 4' AGL/184' MSL.
Tree 46' from DER, 478' left of centerline, 209' MSL.
Trees beginning 50' from DER, 153' left of centerline, up to 53' AGL/228' MSL.
Tree 69' from DER, 297' right of centerline, 188' MSL.
Trees, vegetation beginning 208' from DER, 79' right of centerline, up to 28' AGL/203' MSL.
Trees, tank beginning 468' from DER, 500' right of centerline, up to 227' MSL.
Trees beginning 663' from DER, 49' right of centerline, up to 85' AGL/261' MSL.
Tree 1460' from DER, 734' left of centerline, 240' MSL.
Tree 1522' from DER, 566' right of centerline, 263' MSL.
Trees beginning 1526' from DER, 10' right of centerline, up to 276' MSL.
Trees beginning 1545' from DER, 127' left of centerline, up to 265' MSL.
Trees beginning 1666' from DER, 27' left of centerline, up to 266' MSL.
Trees beginning 1713' from DER, 1' left of centerline, up to 271' MSL.
Trees beginning 2152' from DER, 124' left of centerline, up to 94' AGL/272' MSL.
Trees beginning 2252' from DER, 19' left of centerline, up to 275' MSL.
Trees beginning 3269' from DER, 426' left of centerline, up to 284' MSL.
Trees beginning 3484' from DER, 398' left of centerline, up to 291' MSL.
Trees beginning 3744' from DER, 33' right of centerline, up to 91' AGL/277' MSL.
Tree 4002' from DER, 328' right of centerline, 91' AGL/285' MSL.
Tree 4142' from DER, 824' left of centerline, 292' MSL.
Trees beginning 4152' from DER, 1082' left of centerline, up to 294' MSL.
Trees beginning 4228' from DER, 370' left of centerline, up to 296' MSL.
Tree 4279' from DER, 289' right of centerline, 87' AGL/290' MSL.
Trees beginning 4297' from DER, 950' left of centerline, up to 297' MSL.
Tree 4412' from DER, 520' right of centerline, 292' MSL.
Tree 4414' from DER, 632' right of centerline, 300' MSL.
Tanks beginning 1.2 NM from DER, 1783' right of centerline, up to 135' AGL/394' MSL.
Rwy 23, lighting 21' from DER, 114' left of centerline, 4' AGL/184' MSL.
Lighting 21' from DER, 114' right of centerline, 4' AGL/184' MSL.
CON'T

MORRISTOWN, NJ (CON'T)

MORRISTOWN MUNI (MMU) (CON'T)

Rwy 23 (CON'T), trees beginning 58' from DER, 368' right of centerline, up to 192' MSL.
Tree 125' from DER, 287' left of centerline, 189' MSL.
Trees beginning 140' from DER, 256' right of centerline, up to 45' AGL/221' MSL.
Tree 233' from DER, 279' left of centerline, 190' MSL.
Trees beginning 370' from DER, 499' left of centerline, up to 47' AGL/222' MSL.
Trees beginning 438' from DER, 375' left of centerline, up to 243' MSL.
Trees beginning 635' from DER, 542' right of centerline, up to 64' AGL/241' MSL.
Trees beginning 859' from DER, 205' right of centerline, up to 247' MSL.
Trees beginning 957' from DER, 19' right of centerline, up to 249' MSL.
Trees beginning 1177' from DER, 667' left of centerline, up to 248' MSL.
Tree 1381' from DER, 831' left of centerline, 252' MSL.
Trees beginning 1406' from DER, 454' left of centerline, up to 80' AGL/257' MSL.
Trees beginning 1467' from DER, 48' left of centerline, up to 97' AGL/275' MSL.
Trees beginning 1517' from DER, 57' right of centerline, up to 254' MSL.
Tree 2077' from DER, 780' right of centerline, 257' MSL.
Tree 2088' from DER, 972' right of centerline, 265' MSL.
Trees beginning 2092' from DER, 140' right of centerline, up to 267' MSL.
Trees beginning 2118' from DER, 16' right of centerline, up to 96' AGL/280' MSL.
Trees beginning 2322' from DER, 29' right of centerline, up to 286' MSL.
Trees beginning 2330' from DER, 63' left of centerline, up to 96' AGL/279' MSL.
Trees beginning 2369' from DER, 748' left of centerline, up to 282' MSL.
Trees, building beginning 2508' from DER, 153' right of centerline, up to 292' MSL.
Trees, buildings beginning 2648' from DER, 570' left of centerline, up to 293' MSL.
Trees, buildings beginning 2721' from DER, 202' right of centerline, up to 294' MSL.
Trees, building beginning 3045' from DER, 36' right of centerline, up to 319' MSL.
Trees beginning 3186' from DER, 350' right of centerline, up to 350' MSL.
Trees, building beginning 3280' from DER, 180' right of centerline, up to 370' MSL.
Trees, terrain beginning 3593' from DER, 552' right of centerline, up to 378' MSL.
Trees beginning 3645' from DER, 709' left of centerline, up to 295' MSL.
Trees, terrain, buildings beginning 3746' from DER, 540' right of centerline, up to 381' MSL.
Trees beginning 4140' from DER, 1159' right of centerline, up to 389' MSL.
Trees, pole beginning 4243' from DER, 933' right of centerline, up to 397' MSL.
Trees, terrain beginning 4352' from DER, 616' right of centerline, up to 412' MSL.
Trees, terrain, building beginning 4515' from DER, 145' right of centerline, up to 427' MSL.
Tree 4610' from DER, 27' left of centerline, 57' AGL/301' MSL.
Trees, terrain, buildings, fence, pole, vehicle on road beginning 4710' from DER, 226' right of centerline, up to 428' MSL.
Tree 4713' from DER, 23' left of centerline, 63' AGL/311' MSL.
Trees, poles, terrain, buildings, vehicles on road beginning 5287' from DER, 55' right of centerline, up to 460' MSL.
Tree 5420' from DER, 116' left of centerline, 72' AGL/339' MSL.
Tree 5473' from DER, 210' left of centerline, 80' AGL/343' MSL.
Trees beginning 5742' from DER, 5' left of centerline, up to 81' AGL/367' MSL.
Trees, vehicle on road, pole, buildings beginning 6037' from DER, 26' right of centerline, up to 462' MSL.
Trees beginning 1 NM from DER, 246' right of centerline, up to 469' MSL.
Trees beginning 1 NM from DER, 71' left of centerline, up to 415' MSL.
Trees beginning 1 NM from DER, 44' right of centerline, up to 470' MSL.
Trees, building beginning 1 NM from DER, 150' right of centerline, up to 88' AGL/482' MSL.
Tree, building beginning 1 NM from DER, 1420' right of centerline, up to 485' MSL.
Trees, pole, buildings beginning 1 NM from DER, 63' right of centerline, up to 488' MSL.
Trees, vehicle on road, building, fence beginning 1 NM from DER, 37' left of centerline, up to 418' MSL.
Tanks, trees, buildings, terrain, vehicles on road, fence, electrical system, pole beginning 1 NM from DER, 17' right of centerline, up to 512' MSL.
Trees beginning 1.1 NM from DER, 46' left of centerline, up to 419' MSL.
Trees, buildings, vehicle on road, terrain, pole beginning 1.1 NM from DER, 20' left of centerline, up to 446' MSL.
Stack, trees, vehicles on road, terrain, buildings, poles, electrical system beginning 1.1 NM from DER, 9' right of centerline, up to 154' AGL/529' MSL.
Buildings, trees, poles, vehicles on road, terrain, electrical systems, antennas, tower beginning 1.2 NM from DER, 3' right of centerline, up to 168' AGL/546' MSL.
Trees beginning 1.3 NM from DER, 21' left of centerline, up to 448' MSL.
Tree 1.3 NM from DER, 438' left of centerline, 452' MSL.
Trees, poles beginning 1.3 NM from DER, 61' left of centerline, up to 462' MSL.
Trees, building beginning 1.3 NM from DER, 35' left of centerline, up to 468' MSL.
Trees beginning 1.4 NM from DER, 121' left of centerline, up to 472' MSL.
Trees, buildings beginning 1.4 NM from DER, 25' left of centerline, up to 476' MSL.
Trees, buildings beginning 1.4 NM from DER, 16' left of centerline, up to 106' AGL/488' MSL.
Tank, trees, buildings beginning 1.5 NM from DER, 122' left of centerline, up to 114' AGL/491' MSL.
Tree 1.7 NM from DER, 3156' left of centerline, 454' MSL.
Rwy 31, tree 2' from DER, 285' right of centerline, 33' AGL/213' MSL.
Tree 24' from DER, 409' right of centerline, 245' MSL.
Tree 68' from DER, 506' right of centerline, 88' AGL/275' MSL.
Trees, fence beginning 115' from DER, 232' right of centerline, up to 90' AGL/278' MSL.
Tree 205' from DER, 175' left of centerline, 16' AGL/202' MSL.
Tree 274' from DER, 292' left of centerline, 40' AGL/224' MSL.
Tree 292' from DER, 402' left of centerline, 52' AGL/236' MSL.
CON'T

MORRISTOWN, NJ (CON'T)

MORRISTOWN MUNI (MMU) (CON'T)

Rwy 31 (CON'T), trees beginning 298' from DER, 206' left of centerline, up to 245' MSL.
Trees beginning 475' from DER, 20' left of centerline, up to 256' MSL.
Trees beginning 607' from DER, 218' right of centerline, up to 289' MSL.
Trees, building beginning 622' from DER, on and left of centerline, up to 274' MSL.
Trees beginning 708' from DER, 327' right of centerline, up to 290' MSL.
Trees beginning 851' from DER, 303' right of centerline, up to 309' MSL.
Trees beginning 918' from DER, 129' left of centerline, up to 286' MSL.
Trees beginning 978' from DER, 94' right of centerline, up to 325' MSL.
Trees beginning 1082' from DER, 285' right of centerline, up to 339' MSL.
Trees, fence beginning 1119' from DER, 24' left of centerline, up to 322' MSL.
Trees beginning 1193' from DER, 72' right of centerline, up to 364' MSL.
Trees, terrain, fence beginning 1399' from DER, 374' left of centerline, up to 326' MSL.
Trees, buildings, electrical system, poles, vehicle on road, fence, terrain beginning 1476' from DER, 7' right of centerline, up to 384' MSL.
Trees beginning 1538' from DER, 1' left of centerline, up to 329' MSL.
Trees, terrain beginning 1641' from DER, 132' left of centerline, up to 334' MSL.
Trees, fence, poles beginning 1963' from DER, 4' left of centerline, up to 344' MSL.
Trees, electrical systems, buildings beginning 2624' from DER, 2' left of centerline, up to 347' MSL.
Trees beginning 3426' from DER, 70' left of centerline, up to 361' MSL.
Tree 3782' from DER, 1040' left of centerline, 362' MSL.
Trees, building, pole beginning 3792' from DER, 62' left of centerline, up to 379' MSL.
Trees, terrain, building, vehicle on road beginning 3998' from DER, 68' right of centerline, up to 394' MSL.
Trees, building beginning 4002' from DER, 14' left of centerline, up to 431' MSL.
Trees, fence, buildings, vehicle on road, electrical system, terrain beginning 4128' from DER, 1' left of centerline, up to 441' MSL.
Trees, buildings, vehicles on road, poles beginning 4208' from DER, 13' right of centerline, up to 411' MSL.
Trees, building beginning 4542' from DER, 187' left of centerline, up to 446' MSL.
Trees, vehicles on road beginning 4721' from DER, 67' left of centerline, up to 451' MSL.
Trees, terrain, fence beginning 4823' from DER, 16' left of centerline, up to 463' MSL.
Trees, vehicles on road, terrain beginning 4869' from DER, 73' left of centerline, up to 466' MSL.
Trees, terrain, buildings, vehicle on road, pole beginning 4972' from DER, 134' left of centerline, up to 482' MSL.
Trees, terrain, pole beginning 5194' from DER, 96' left of centerline, up to 485' MSL.
Trees, vehicles on road, terrain, poles, fences, buildings, antennas, towers, electrical systems beginning 5315' from DER, 6' left of centerline, up to 495' MSL.
Tree 1.6 NM from DER, 2306' right of centerline, 89' AGL/444' MSL.
Tree 1.6 NM from DER, 1792' right of centerline, 475' MSL.
Trees beginning 1.7 NM from DER, 2448' right of centerline, up to 504' MSL.
Tree 1.7 NM from DER, 1958' right of centerline, 128' AGL/596' MSL.
Trees, building beginning 1.7 NM from DER, 1350' right of centerline, up to 122' AGL/604' MSL.
Antenna 1.8 NM from DER, 193' left of centerline, 214' AGL/509' MSL.
Tower 1.8 NM from DER, 51' left of centerline, 205' AGL/513' MSL.
Antennas, towers beginning 1.8 NM from DER, 52' left of centerline, up to 210' AGL/516' MSL.
Tree 2.4 NM from DER, 3826' right of centerline, 559' MSL.

MOUNT HOLLY, NJ

SOUTH JERSEY RGNL (VAY)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 04JUN09 (09155) (FAA)

TAKEOFF MINIMUMS:
Rwy 26, 300-2½ or std. w/ min. climb of 205' per NM to 500. Alternatively, with standard TAKEOFF minimums and a normal 200'/NM climb gradient, TAKEOFF must occur no later than 1300' prior to DER.

TAKEOFF OBSTACLE NOTES:
Rwy 8, trees beginning 15' from DER, 32' right of centerline, up to 100' AGL/179' MSL.
Trees beginning 631' from DER, 339' left of centerline, up to 100' AGL/159' MSL.
Rwy 26, building 522' from DER, 604' right of centerline, 30' AGL/89' MSL.
Building 540' from DER, 546' left of centerline, 30' AGL/89' MSL.
Vehicle on road 650' from DER, on centerline, 17' AGL/67' MSL.
Trees beginning 1599' from DER, 5' right of centerline, up to 100' AGL/179' MSL.
Trees beginning 418' from DER, 408' left of centerline, up to 100' AGL/179' MSL.
Tower 1.9 NM from DER, 1712' right of centerline, 179' AGL/348' MSL.

NEW YORK, NY

DOWNTOWN MANHATTAN/WALL ST (JRB)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 30MAR17 (17089) (FAA)

DEPARTURE PROCEDURE:
Use JEDIL DEPARTURE.

NEW YORK, NY (CON'T)

EAST 34TH STREET (6N5)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES
ORIG 30MAR17 (17089) (FAA)
DEPARTURE PROCEDURE: Use JEDIL DEPARTURE

JOHN F KENNEDY INTL (JFK)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES
AMDT 9 15OCT15 (15288) (FAA)
TAKEOFF MINIMUMS:
Rwy 31L, std. w/min. climb of 250' per NM to 2400.
Rwy 31R, std. w/min. climb of 230' per NM to 2400.
TAKEOFF OBSTACLE NOTES:
Rwy 4L, fence and light poles beginning 94' from DER, 466' right of centerline, up to 7' AGL/22' MSL.
Localizer 204' from DER, on centerline, 6' AGL/21' MSL.
Tower, light poles, utility poles, fence, and building beginning 212' from DER, left and right of centerline, up to 15' AGL/28' MSL.
Trees beginning 400' from DER, 765' right of centerline, up to 79' AGL/92' MSL.
Trees beginning 77' from DER, 655' left of centerline, up to 74' AGL/87' MSL.
Rwy 4R, lights beginning 6' from DER, 4' right of centerline, up to 2' AGL/13' MSL.
Lights beginning 6' from DER, 5' left of centerline, up to 2' AGL/13' MSL.
Lights 10' from DER, on centerline, 2' AGL/13' MSL.
Trees beginning 493' from DER, 468' right of centerline, up to 34' AGL/48' MSL.
Trees beginning 1757' from DER, 626' right of centerline, up to 57' AGL/66' MSL.
Trees beginning 1274' from DER, 477' left of centerline, up to 73' AGL/76' MSL.
Rwy 13L, sign and lights beginning 2' from DER, 2' right of centerline, up to 3' AGL/14' MSL.
Lights 11' from DER, on centerline, 2' AGL/13' MSL.
Sign, electrical equipment, and lights beginning 11' from DER, 3' left of centerline, up to 3' AGL/14' MSL.
Pole and sign beginning 254' from DER, 523' right of centerline, up to 9' AGL/20' MSL.
Rod 1119' from DER, 140' left of centerline, 39' AGL/58' MSL.
Trees beginning 1774' from DER, 1' right of centerline, up to 72' AGL/91' MSL.
Rwy 13R, lights beginning 4' from DER, 40' right of centerline, up to 3' AGL/14' MSL.
Lights beginning 4' from DER, 15' left of centerline, up to 3' AGL/14' MSL.
Buildings, tower, and glideslope antenna beginning 418' from DER, 404' left of centerline, up to 39' AGL/58' MSL.
Transmission towers beginning 4749' from DER, 1385' right of centerline, up to 139' AGL/140' MSL.
Rwy 22L, lights beginning 3' from DER, 4' left of centerline, up to 2' AGL/13' MSL.
Lights beginning 4' from DER, 5' right of centerline, up to 2' AGL/13' MSL.
Lights 5' from DER, on centerline, 2' AGL/13' MSL.
Trees beginning 433' from DER, 578' left of centerline, up to 27' AGL/31' MSL.
Rwy 22R, lights beginning abeam DER, 55' right of centerline, up to 2' AGL/13' MSL.
Fence, lights, and bushes beginning abeam DER, 54' left of centerline, up to 8' AGL/19' MSL.
Rwy 31L, lights beginning 9' from DER, 80' right of centerline, up to 3' AGL/14' MSL.
Lights beginning 10' from DER, 80' left of centerline, up to 2' AGL/13' MSL.
Trees 2075' from DER, 435' left of centerline, up to 87' AGL/91' MSL.
Rwy 31R, lights beginning 8' from DER, 3' left of centerline, up to 2' AGL/13' MSL.
Lights 10' from DER, on centerline, 2' AGL/13' MSL.
Lights beginning 10' from DER, 3' right of centerline, up to 2' AGL/13' MSL.
Electrical system, electrical box, and lights beginning 101' from DER, on centerline, and left and right of centerline, up to 7' AGL/18' MSL.
Approach lights beginning 200' from DER, on centerline, up to 9' AGL/27' MSL.
Fences, lights, and poles beginning 146' from DER, 115' left of centerline, up to 19' AGL/30' MSL.
Lights and trees beginning 553' from DER, 191' right of centerline, up to 34' AGL/48' MSL.
Lights and poles beginning 1443' from DER, 334' left of centerline, up to 55' AGL/67' MSL.
Pole 2162' from DER, 562' right of centerline, 54' AGL/66' MSL.
Antenna 3916' from DER, 1550' right of centerline, 111' AGL/130' MSL.

NE-2, 10 SEP 2020 to 05 NOV 2020

NEW YORK, NY (CON'T)

LAGUARDIA (LGA)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES
AMDT 10 15288 (FAA)

TAKEOFF MINIMUMS:
Rwy 13, 400-2¼ or std. w/min. climb of 280' per NM to 500.
Rwy 22, 300-2¼ or std. w/min. climb of 210' per NM to 400, or alternatively, with standard takeoff minimums and a normal 200' per NM climb gradient, takeoff must occur no later than 1100' prior to DER.
Rwy 31, 300-1¾ or std. w/min. climb of 330' per NM to 500.

DEPARTURE PROCEDURE:
Rwy 4, climb heading 044° to 1000 before proceeding on course.
Rwy 13, climb heading 134° to 1000 before proceeding westbound.
Rwy 22, climb heading 224° to 2200 before proceeding westbound (RADAR required).
Rwy 31, climb heading 314° to 1700 before proceeding westbound.

TAKEOFF OBSTACLE NOTES:
Rwy 13, localizer 392' from DER, on centerline, 18' AGL/19' MSL.
Stack, fences, and buildings beginning 97' from DER, 171' left of centerline, up to 83' AGL/103' MSL.
Fences, buildings, and trees beginning 28' from DER, 415' right of centerline, up to 21' AGL/22' MSL.
Stack 4934' from DER, 1513' left of centerline, 172' AGL/181' MSL.
Building 1.9 NM from DER, 758' right of centerline, 280' AGL/345' MSL.
Rwy 22, building 1278' from DER, 169' left of centerline, 48' AGL/71' MSL.
Buildings and trees beginning 165' from DER, 150' left of centerline, up to 72' AGL/101' MSL.
Blast fence, fence, stack on building, NAVAID, and trees beginning 109' from DER, 138' right of centerline, up to 55' AGL/104' MSL.
Tower 1.8 NM from DER, 566' right of centerline, 222' AGL/302' MSL.
Rwy 31, stack 1.2 NM from DER, 2015' left of centerline, 250' AGL/268' MSL.

LONG ISLAND MAC ARTHUR (ISP)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES
AMDT 5A 13SEP18 (18256) (FAA)

TAKEOFF OBSTACLE NOTES:
Rwy 6, lighting 1' from DER, on centerline, 99' MSL.
Tree 902' from DER, 663' right of centerline, 43' AGL/140' MSL.
Trees beginning 1221' from DER, 708' right of centerline, up to 148' MSL.
Tree 1390' from DER, 854' left of centerline, 40' AGL/144' MSL.
Trees beginning 1515' from DER, 799' left of centerline, up to 148' MSL.
Trees beginning 1888' from DER, 938' left of centerline, up to 151' MSL.
Trees beginning 2014' from DER, 857' right of centerline, up to 156' MSL.
Trees beginning 2140' from DER, 853' left of centerline, up to 155' MSL.
Trees beginning 2269' from DER, 849' left of centerline, up to 166' MSL.
Tree 2332' from DER, 996' right of centerline, 159' MSL.
Tree 2399' from DER, 1086' right of centerline, 163' MSL.
Pole, tree beginning 2457' from DER, 865' left of centerline, up to 65' AGL/175' MSL.
Tree 2613' from DER, 727' right of centerline, 62' AGL/169' MSL.
Tree 2682' from DER, 1165' right of centerline, 173' MSL.
Tree 3423' from DER, 190' right of centerline, 75' AGL/186' MSL.
Tree 3563' from DER, 76' left of centerline, 77' AGL/189' MSL.
Rwy 15L, sign 9' from DER, 66' left of centerline, 83' MSL.
Terrain beginning 12' from DER, 458' left of centerline, up to 89' MSL.
Trees beginning 705' from DER, 404' right of centerline, up to 43' AGL/122' MSL.
Trees beginning 732' from DER, 560' right of centerline, up to 44' AGL/124' MSL.
Trees beginning 751' from DER, 317' right of centerline, up to 45' AGL/125' MSL.
Trees beginning 785' from DER, 224' right of centerline, up to 48' AGL/128' MSL.
Trees beginning 843' from DER, 188' right of centerline, up to 129' MSL.
Trees beginning 929' from DER, 192' right of centerline, up to 50' AGL/130' MSL.
Tree 933' from DER, 201' left of centerline, 113' MSL.
Tree 952' from DER, 209' left of centerline, 114' MSL.
Tree 974' from DER, 196' left of centerline, 118' MSL.
Trees beginning 977' from DER, 193' left of centerline, up to 120' MSL.
Trees beginning 1111' from DER, 16' right of centerline, up to 56' AGL/136' MSL.
Trees beginning 1133' from DER, 199' left of centerline, up to 48' AGL/132' MSL.
Trees beginning 1248' from DER, 42' left of centerline, up to 133' MSL.
Trees beginning 1506' from DER, 24' left of centerline, up to 139' MSL.
Trees beginning 1572' from DER, 138' left of centerline, up to 143' MSL.
Trees beginning 2291' from DER, 720' left of centerline, up to 145' MSL.
Trees beginning 2412' from DER, 802' left of centerline, up to 147' MSL.
Rwy 15R, vehicles on road beginning 175' from DER, 439' right of centerline, up to 91' MSL.
Building 629' from DER, 666' right of centerline, 101' MSL.
Tree 1213' from DER, 162' left of centerline, 109' MSL.
Tree 1239' from DER, 101' left of centerline, 112' MSL.
Tree 1267' from DER, 188' left of centerline, 45' AGL/121' MSL.
Trees beginning 1269' from DER, 74' left of centerline, up to 43' AGL/122' MSL.
Trees beginning 1295' from DER, 248' left of centerline, up to 44' AGL/124' MSL.
Trees beginning 1314' from DER, 178' left of centerline, up to 45' AGL/125' MSL.
CON'T

NEW YORK, NY (CON'T)

LONG ISLAND MAC ARTHUR (ISP) (CON'T)

Rwy 15R (CON'T), trees beginning 1348' from DER, 81' left of centerline, up to 48' AGL/128' MSL.
Trees beginning 1406' from DER, 67' left of centerline, up to 129' MSL.
Trees beginning 1492' from DER, 174' left of centerline, up to 50' AGL/130' MSL.
Trees beginning 1675' from DER, 236' left of centerline, up to 56' AGL/136' MSL.
Tree 1778' from DER, 924' right of centerline, 124' MSL.
Rwy 24, pole 787' from DER, 656' right of centerline, 38' AGL/120' MSL.
Tree, pole beginning 826' from DER, 559' left of centerline, up to 131' MSL.
Tree 1063' from DER, 781' right of centerline, 137' MSL.
Tree 1592' from DER, 892' left of centerline, 141' MSL.
Trees beginning 1976' from DER, 188' left of centerline, up to 142' MSL.
Rwy 33L, trees beginning 37' from DER, 467' right of centerline, up to 47' AGL/145' MSL.
Vehicles on road, tree beginning 92' from DER, 309' left of centerline, up to 112' MSL.
Tree, pole, vehicles on road beginning 392' from DER, 250' left of centerline, up to 116' MSL.
Trees beginning 551' from DER, 569' right of centerline, up to 149' MSL.
Trees beginning 563' from DER, 487' right of centerline, up to 50' AGL/151' MSL.
Tree 567' from DER, 637' right of centerline, 153' MSL.
Trees beginning 579' from DER, 534' right of centerline, up to 53' AGL/154' MSL.
Trees beginning 658' from DER, 519' right of centerline, up to 53' AGL/155' MSL.
Tree 680' from DER, 483' left of centerline, 118' MSL.
Trees beginning 692' from DER, 501' right of centerline, up to 55' AGL/158' MSL.
Pole 699' from DER, 504' left of centerline, 32' AGL/132' MSL.
Pole, building, tree beginning 719' from DER, 325' left of centerline, up to 40' AGL/140' MSL.
Trees beginning 860' from DER, 394' right of centerline, up to 55' AGL/159' MSL.
Tree, tank beginning 1075' from DER, 127' left of centerline, up to 142' MSL.
Tree 1223' from DER, 187' left of centerline, 143' MSL.
Trees beginning 1224' from DER, 141' left of centerline, up to 42' AGL/145' MSL.
Trees beginning 1263' from DER, 61' left of centerline, up to 43' AGL/146' MSL.
Tree, pole beginning 1290' from DER, 3' right of centerline, up to 55' AGL/160' MSL.
Trees beginning 1319' from DER, 31' left of centerline, up to 47' AGL/150' MSL.
Trees beginning 1523' from DER, 107' left of centerline, up to 52' AGL/155' MSL.
Tower, tree beginning 1528' from DER, 17' left of centerline, up to 61' AGL/163' MSL.
Trees beginning 1740' from DER, 6' left of centerline, up to 63' AGL/166' MSL.
Trees beginning 1948' from DER, 27' right of centerline, up to 59' AGL/166' MSL.
Trees beginning 2023' from DER, 13' left of centerline, up to 64' AGL/168' MSL.
Trees beginning 2055' from DER, 5' right of centerline, up to 69' AGL/174' MSL.
Trees beginning 2075' from DER, 26' left of centerline, up to 65' AGL/169' MSL.
Trees beginning 2186' from DER, 34' left of centerline, up to 68' AGL/172' MSL.
Trees beginning 2791' from DER, 389' right of centerline, up to 179' MSL.
Trees beginning 2796' from DER, 362' right of centerline, up to 180' MSL.
Trees beginning 2893' from DER, 316' right of centerline, up to 75' AGL/181' MSL.
Tree 2977' from DER, 1203' left of centerline, 173' MSL.
Tree 3173' from DER, 30' left of centerline, 83' AGL/188' MSL.
Tree 3370' from DER, 114' right of centerline, 78' AGL/185' MSL.
Rwy 33R, tower 324' from DER, 483' right of centerline, 28' AGL/118' MSL.
NAVAID 325' from DER, 484' right of centerline, 125' MSL.
NAVAID, pole beginning 725' from DER, 582' left of centerline, up to 114' MSL.
Trees beginning 761' from DER, 14' right of centerline, up to 130' MSL.
Tree 785' from DER, 166' left of centerline, 117' MSL.
Trees beginning 796' from DER, 63' left of centerline, up to 118' MSL.
Trees beginning 798' from DER, 34' right of centerline, up to 138' MSL.
Trees beginning 808' from DER, 164' left of centerline, up to 121' MSL.
Trees beginning 824' from DER, 19' left of centerline, up to 128' MSL.
Trees beginning 829' from DER, 21' right of centerline, up to 139' MSL.
Trees beginning 862' from DER, on centerline, up to 140' MSL.
Trees beginning 960' from DER, 60' left of centerline, up to 129' MSL.
Trees beginning 970' from DER, 40' right of centerline, up to 141' MSL.
Trees beginning 993' from DER, 6' left of centerline, up to 133' MSL.
Trees beginning 1014' from DER, 4' right of centerline, up to 146' MSL.
Trees beginning 1277' from DER, 16' left of centerline, up to 136' MSL.
Trees beginning 1463' from DER, 30' left of centerline, up to 138' MSL.
Trees beginning 1504' from DER, 40' left of centerline, up to 142' MSL.
Trees beginning 1527' from DER, 4' left of centerline, up to 143' MSL.
Trees beginning 1969' from DER, 42' left of centerline, up to 144' MSL.
Trees beginning 2020' from DER, 218' left of centerline, up to 145' MSL.
Tree 2157' from DER, 196' left or centerline, 146' MSL.
Trees beginning 2199' from DER, 189' left of centerline, up to 147' MSL.
Tower 2995' from DER, 79' right of centerline, 108' AGL/209' MSL.

NEW YORK, NY (CON'T)

NEW YORK STEWART INTL (SWF)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 6B 15AUG19 (19227) (FAA)

TAKEOFF MINIMUMS:

Rwy 16, std. w/min. climb of 255' per NM to 2100 or 1500-2½ for climb in visual conditions.
Rwy 27, 300-1 or std. w/ min. climb of 400' per NM to 800.
Rwy 34, 300-1 or std. w/ min. climb of 503' per NM to 800.

DEPARTURE PROCEDURE:

Rwy 9, climb heading 087° to 2100 before proceeding on course.
Rwy 16, climb heading 161° to 1800 before proceeding on course. For climb in visual conditions: cross New York Stewart Intl airport at or above 1800 MSL before proceeding on course. When executing VCOA, notify ATC prior to departure.
Rwy 27, climb heading 272° to 1200 before turning south.

TAKEOFF OBSTACLE NOTES:.

Rwy 9, trees beginning 68' from DER, 132' left of centerline, up to 43' AGL/487' MSL.
Trees beginning 727' from DER, 23' left of centerline, up to 95' AGL/546' MSL.
Trees beginning 955' from DER, 21' right of centerline, up to 86' AGL/535' MSL.
Trees beginning 2692' from DER, 659' left of centerline, up to 78' AGL/587' MSL.
Rwy 16, trees beginning 785' from DER, 462' left of centerline, up to 70' AGL/466' MSL.
Trees beginning 1255' from DER, 562' right of centerline, up to 109' AGL/492' MSL.
Rwy 27, airport sign 10' from DER, 54' left of centerline, 2' AGL/491' MSL.
Building 694' from DER, 2' right of centerline, 16' AGL/509' MSL.
Terrain, DME antenna, and trees beginning 599' from DER, 246' left of centerline, up to 38' AGL/537' MSL.
Trees beginning 2259' from DER, 197' left of centerline, up to 101' AGL/640' MSL.
Trees 3454' from DER, 1400' left of centerline, up to 118' AGL/667' MSL.
Trees beginning 4122' from DER, 1441' right of centerline, up to 108' AGL/627' MSL.
Rwy 34, terrain beginning 77' from DER, 250' right of centerline, up to 475' MSL.
Poles and trees beginning 1094' from DER, 157' right of centerline, up to 72' AGL/571' MSL.
Trees 1045' from DER, 597' left of centerline, up to 83' AGL/542' MSL.
Trees beginning 1773' from DER, 49' left of centerline, up to 98' AGL/587' MSL.
Trees beginning 2422' from DER, 70' right of centerline, up to 72' AGL/601' MSL.
Trees 2473' from DER, 910' right of centerline, up to 70' AGL/629' MSL.
Trees 3207' from DER, 1345' right of centerline, up to 78' AGL/657' MSL.
Trees beginning 4426' from DER, 244' left of centerline, up to 72' AGL/611' MSL.
Trees 5527' from DER, 83' right of centerline, up to 83' AGL/612' MSL.

WEST 30TH ST (JRA)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 1 27APR17 (17117) (FAA)

DEPARTURE PROCEDURE:

Use JEDIL DEPARTURE.

NEWARK, NJ

NEWARK LIBERTY INTL (EWR)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 5 11FEB10 (10042) (FAA)

TAKEOFF MINIMUMS:

Rwy 4L, std. w/ min. climb of 383' per NM to 2500.
Rwy 4R, std. w/ min. climb of 375' per NM to 2500.
Rwy 11, std. w/ min. climb of 361' per NM to 2500.
Rwy 22L, std. w/ min. climb of 337' per NM to 2500.
Rwy 22R, std. w/ min. climb of 331' per NM to 2500.
Rwy 29, 400-2 or std. w/ min. climb of 444' per NM to 500.

DEPARTURE PROCEDURE:

Rwy 4R, climb heading 039° to 500 before turning right.
Rwy 22L, climb heading 219° to 500 before turning left.
Rwy 29, climb heading 288° to 800 before turning Eastbound.

TAKEOFF OBSTACLE NOTES:

Rwy 4L, tower, light, and multiple trees beginning 211' from DER, 198' left of centerline, up to 70' AGL/89' MSL.
DME antenna and pole beginning 881' from DER, 418' right of centerline, up to 121' AGL/131' MSL.
Rwy 4R, DME antenna, tree, and multiple towers beginning 530' from DER, 477' left of centerline, up to 61' AGL/82' MSL.
Tower, sign, tree, multiple buildings and poles beginning 1134' from DER, 153' right of centerline, up to 121' AGL/131' MSL.
Rwy 11, pole, tree, and multiple signs beginning 6' from DER, 158' right of centerline, up to 31' AGL/50' MSL.
Sign, tree, road, fence, building, and multiple poles beginning 82' from DER, 2' left of centerline, up to 49' AGL/68' MSL.
Rwy 22L, pole 8' from DER, 261' left of centerline, 7' AGL/16' MSL.
Rwy 22R, light and multiple trees beginning 1829' from DER, 307' right of centerline, up to 55' AGL/69' MSL.
Building 1.4 NM from DER, 1872' left of centerline, 200' AGL/227' MSL.
Rwy 29, multiple poles, trees, signs and buildings beginning 209' from DER, 242' left of centerline, up to 110' AGL/120' MSL.
Tree multiple signs and poles beginning 689' from DER, 66' right of centerline, up to 273' AGL/358' MSL.
Building 6029' from DER, 1624' right of centerline, 273' AGL/357' MSL.
Building 1.5 NM from DER, 2071' right of centerline, 202' AGL/328' MSL.

NIAGARA FALLS, NY

NIAGARA FALLS INTL (IAG)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 2A 25OCT07 (07298) (FAA)

TAKEOFF MINIMUMS:

Rwys 10L, 10R, 24, 300-1 or std. with a min. climb of 300' per NM to 1700.

DEPARTURE PROCEDURE:

Rwy 6, climb heading 060° to 1200 before proceeding on course.

Rwys 10L, 10R, 24 climb runway heading to 1700 before proceeding on course.

Rwys 28L, 28R, climb heading 280° to 1200 before proceeding on course.

TAKEOFF OBSTACLE NOTES:

Rwy 6, tree 1737' from DER, 308' left of centerline, 60' AGL/647' MSL.

Rwy 28L, trees beginning 1668' from DER, 244' right of centerline, up to 74' AGL/654' MSL.
Trees beginning 1337' from DER, 62' left of centerline, up to 63' AGL/646' MSL.
Bush 625' from DER, 172' right of centerline, 26' AGL/611' MSL.

Rwy 28R, trees beginning 866' from DER, 105' right of centerline, up to 100' AGL/690' MSL.
Trees beginning 837' from DER, 321' left of centerline, up to 87' AGL/667' MSL.

NORWICH, NY

LT WARREN EATON (OIC)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 4 15OCT15 (15288) (FAA)

TAKEOFF MINIMUMS:

Rwy 1, 700-3 w/min. climb of 325' to 2300 or std. w/min. climb of 495' per NM to 1900 or 1600-3 for climb in visual conditions.

Rwy 19, 700-3 w/min. climb of 270' per NM to 2100 or std. w/min. climb of 804' per NM to 1900 or 1600-3 for climb in visual conditions.

DEPARTURE PROCEDURE:

Rwy 1, climb heading 014° to 2200 before proceeding on course.

Rwy 19, climb heading 194° to 2100 before proceeding on course.

VCOA:

Rwys 1, 19, obtain ATC approval for climb in visual conditions when requesting IFR clearance. Climb in visual conditions to cross LT Warren Eaton airport at or above 2500 before proceeding on course.

TAKEOFF OBSTACLE NOTES:

Rwy 1, vehicles on roadway beginning 22' from DER, 128' left of centerline, up to 15' AGL/1034' MSL.
Trees beginning 96' from DER, 303' left of centerline, up to 44' AGL/1063' MSL.
Trees beginning 339' from DER, 211' right of centerline, up to 63' AGL/1082' MSL.
Rising terrain and trees beginning 1005' from DER, 10' left of centerline, up to 91' AGL/1159' MSL.
Trees and poles beginning 492' from DER, 24' right of centerline, up to 91' AGL/1099' MSL.
Rising terrain and trees beginning 5954' from DER, 1482' right of centerline, up to 88' AGL/1685' MSL.
Trees and buildings beginning 1.9 miles from DER, 1920' right of centerline, up to 88' AGL/1669' MSL.
Rising terrain and trees beginning 2 NM from DER, 1981' right of centerline, up to 84' AGL/1685' MSL.
Trees beginning 2.6 NM from DER, 2230' right of centerline, up to 110' AGL/1651' MSL.

Rwy 19, trees and poles beginning 49' from DER, 30' left of centerline, up to 59' AGL/1060' MSL.
Fence 77' from DER, 476' right of centerline, 9' AGL/1025' MSL.
Trees and poles beginning 387' from DER, 8' right of centerline, up to 64' AGL/1065' MSL.
Trees, poles and buildings beginning 1057' from DER, 78' right of centerline, up to 76' AGL/1197' MSL.
Trees beginning 1571' from DER, 6' left of centerline, up to 87' AGL/1088' MSL.
Vehicles on roadway beginning 1692' from DER, 448' right of centerline, up to 17' AGL/1076' MSL.
Rising terrain, trees and buildings beginning 2126' from DER, 75' right of centerline, up to 67' AGL/1273' MSL.
Trees 2370' from DER, 982' right of centerline, up to 100' AGL/1252' MSL.
Trees beginning 1.6 NM from DER, 1188' right of centerline, up to 101' AGL/1626' MSL.
Trees beginning 2.3 NM from DER, 3561' right of centerline, up to 85' AGL/1626' MSL.
Trees beginning 2.8 NM from DER, 1188' right of centerline, up to 120' AGL/1581' MSL.
Rising terrain and trees beginning 3.2 NM from DER, 2666' right of centerline, up to 98' AGL/1819' MSL.

OGDENSBURG, NY

OGDENSBURG INTL (OGS)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 2 15SEP16 (16259) (FAA)

TAKEOFF OBSTACLE NOTES:

Rwy 9, tree 314' from DER, 483' left of centerline, 37' AGL/341' MSL.
Trees, beginning 878' from DER, 90' left of centerline, up to 58' AGL/373' MSL.
Pole 1048' from DER, 741' right of centerline, 39' AGL/344' MSL.
Trees, beginning 1153' from DER, 147' right of centerline, up to 59' AGL/366' MSL.
Rwy 27, sign 6' from DER, 394' left of centerline, 3' AGL/288' MSL.
Vegetation, terrain, beginning 47' from DER, 313' right of centerline, up to 2' AGL/292' MSL.
Terrain 72' from DER, 352' right of centerline, 289' MSL.
Bldg 583' from DER, 474' left of centerline, 47' AGL/329' MSL.
Trees, beginning 698' from DER, 181' left of centerline, up to 56' AGL/337' MSL.
Tree 997' from DER, 532' right of centerline, 60' AGL/341' MSL.
Trees, beginning 1015' from DER, 62' right of centerline, up to 69' AGL/350' MSL.
Trees, beginning 1216' from DER, 56' right of centerline, up to 95' AGL/376' MSL.
Trees, beginning 1251' from DER, 33' left of centerline, up to 75' AGL/353' MSL.
Tree 2345' from DER, 150' left of centerline, 354' MSL.
Tree 4155' from DER, 269' left of centerline, 390' MSL.

OLD BRIDGE, NJ

OLD BRIDGE (3N6)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 1 27AUG09 (09239) (FAA)

TAKEOFF MINIMUMS:

Rwy 24, 300-2½ or std. w/ min. climb of 223' per NM to 400.

TAKEOFF OBSTACLE NOTES:

Rwy 6, trees beginning 49' from DER, 4' left and right of centerline, up to 100' AGL/199' MSL.
Rwy 24, trees beginning 47' from DER, 46' left and right of centerline, up to 100' AGL/299' MSL.

OLEAN, NY

CATTARAUGUS COUNTY-OLEAN (OLE)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 3A 28FEB19 (19059) (FAA)

TAKEOFF MINIMUMS:

Rwys 16, 34, NA-Environmental.

TAKEOFF OBSTACLE NOTES:

Rwy 4, trees beginning 10' from DER, 348' left of centerline, up to 49' AGL/2150' MSL.
Trees beginning 41' from DER, 328' right of centerline, up to 2130' MSL.
Tree 981' from DER, 577' left of centerline, 69' AGL/2154' MSL.
Tree 1262' from DER, 764' left of centerline, 2156' MSL.
Tree 1754' from DER, 905' left of centerline, 2184' MSL.
Trees beginning 1902' from DER, 906' left of centerline, up to 2189' MSL.
Rwy 22, trees beginning 26' from DER, 65' left of centerline, up to 2188' MSL.

ONEONTA, NY

ALBERT S NADER RGNL (N66)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 1A 26MAR20 (20086) (FAA)

TAKEOFF MINIMUMS:

Rwy 6, 300-1¼ or std. w/min. climb of 308' per NM to 2000.

TAKEOFF OBSTACLE NOTES:

Rwy 6, pole 1' from DER, 319' left of centerline, 16' AGL/1775' MSL.
Fence 207' from DER, 267' left of centerline, 12' AGL/1765' MSL.
Tree 182' from DER, 401' right of centerline, 85' AGL/1787' MSL.
Trees beginning 392' from DER, 105' left of centerline, up to 85' AGL/1788' MSL.
Trees beginning 410' from DER, 434' right of centerline, up to 85' AGL/1798' MSL.
Trees beginning 1678' from DER, 354' left of centerline, up to 85' AGL/1844' MSL.
Trees beginning 1675' from DER, 188' right of centerline, up to 85' AGL/1829' MSL.
Trees beginning 2703' from DER, 190' left of centerline, up to 85' AGL/1870' MSL.
Trees beginning 2385' from DER, 450' right of centerline, up to 85' AGL/1852' MSL.
Trees beginning 4715' from DER, 152' right of centerline, up to 85' AGL/1940' MSL.
Rwy 24, bush 196' from DER, 203' left of centerline, 6' AGL/1775' MSL.
Road 209' from DER, 373' left of centerline, 1779' MSL.
Fence 312' from DER, 343' left of centerline, 2' AGL/1771' MSL.
Trees beginning 83' from DER, 396' left of centerline, up to 90' AGL/1859' MSL.
Trees beginning 53' from DER, 173' right of centerline, up to 90' AGL/1846' MSL.

PEDRICKTOWN, NJ

SPITFIRE AERODROME (7N7)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 1 20OCT11 (11293) (FAA)

TAKEOFF MINIMUMS:

Rwy 25, NA-obstacles.

DEPARTURE PROCEDURE:

Rwy 7, climb heading 074° to 800 before turning right.

TAKEOFF OBSTACLE NOTES:

Rwy 7, trees beginning at DER, 132' left of centerline, up to 100' AGL/144' MSL.
Trees beginning 3288' from DER, 962' right of centerline, up to 100' AGL/149' MSL.

PENN YAN, NY

PENN YAN (PEO)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 5 08NOV18 (18312) (FAA)

TAKEOFF MINIMUMS:

Rwy 19, std. w/min. climb 275' per NM to 2000, or 1100-2½ for climb in visual conditions.
Rwy 28, std. w/min. climb 440' per NM to 1600, or 1100-2½ for climb in visual conditions.

DEPARTURE PROCEDURE:

Rwy 1, climb on heading 009° to 1500 before turning left.

VCOA:

Rwy 19, obtain ATC approval for VCOA when requesting IFR clearance. Climb in visual conditions to cross Penn Yan Airport at or above 1900 before proceeding on course.
Rwy 28, obtain ATC approval for VCOA when requesting IFR clearance. Climb in visual conditions to cross Penn Yan Airport at or above 1900 before proceeding on course.

TAKEOFF OBSTACLE NOTES:

Rwy 1, aircraft on taxiway 35' from DER, 300' left of centerline, up to 23' AGL/942' MSL.
Tree 1051' from DER, 760' right of centerline, 943' MSL.
Rwy 10, trees 18' from DER, 245' right of centerline, 100' AGL/979' MSL.
Fence 25' from DER, on centerline, 8' AGL/907' MSL.
Berm 28' from DER, on centerline, 10' AGL/929' MSL.
Trees 43' from DER, 78' left of centerline, 100' AGL/999' MSL.
Vehicles on road 156' from DER, 6' left of centerline, 15' AGL/914' MSL.
Vehicles on road 183' from DER, 33' right of centerline, 15' AGL/914' MSL.
Buildings beginning 248' from DER, 48' left of centerline, up to 30' AGL/949' MSL.
Light poles beginning 308' from DER, 25' right of centerline, 16' AGL/927' MSL.
Tree 543' from DER, 170' left of centerline, 100' AGL/1019' MSL.
Buildings beginning 565' from DER, 94' left of centerline, 30' AGL/949' MSL.
Trees 573' from DER, 187' left of centerline, 100' AGL/1019' MSL.
Power lines 1200' from DER, crossing centerline, 40' AGL/959' MSL.
Rwy 19, aircraft on taxiway 24' from DER, 261' right of centerline, up to 23' AGL/1022' MSL.
Ground beginning 124' from DER, 479' right of centerline, up to 996' MSL.
Fence 348' from DER, 398' right of centerline, 2' AGL/1001' MSL.
Ground 460' from DER, 590' right of centerline, 1008' MSL.
Fence 483' from DER, 398' right of centerline, 3' AGL/1006' MSL.
Fence 606' from DER, 398' right of centerline, 7' AGL/1010' MSL.
Ground beginning 631' from DER, 459' right of centerline, up to 1027' MSL.
Trees beginning 1439' from DER, 673' right of centerline, up to 1087' MSL.
Trees beginning 1886' from DER, on centerline, up to 95' AGL/1110' MSL.
Tree 2238' from DER, 655' left of centerline, 1045' MSL.
Trees beginning 2242' from DER, 540' left of centerline, up to 1107' MSL.
Tree 2422' from DER, 116' left of centerline, up to 1111' MSL.
Tower 5844' from DER, 335' right of centerline, 122' AGL/1136' MSL.
Trees beginning 1.6 NM from DER, 3037' left of centerline, 100' AGL/1242' MSL.
Trees 1.7 NM from DER, 2781' left of centerline, up to 100' AGL/1265' MSL.
Trees beginning 1.8 NM from DER, 2748' left of centerline, up to 100' AGL/1291' MSL.
Trees, transmission lines beginning 1.9 NM from DER, 2939' left of centerline, up to 100' AGL/1350' MSL.
Trees, transmission lines beginning 2 NM from DER, 2907' left of centerline, up to 100' AGL/1396' MSL.
Trees, transmission lines beginning 2.1 NM from DER, 3098' left of centerline, up to 100' AGL/1419' MSL.
Trees, transmission lines, building beginning 2.2 NM from DER, 3065' left of centerline, up to 100' AGL/1452' MSL.
Trees beginning 2.5 NM from DER, 71' left of centerline, up to 100' AGL/1465' MSL.
Rwy 28, trees 111' from DER, 15' right of centerline, up to 100' AGL/939' MSL.
Trees 192' from DER, 59' left of centerline, up to 100' AGL/959' MSL.
Fence 16' from DER, on centerline, up to 8' AGL/867' MSL.
Vehicles on ramp 20' from DER, on centerline, up to 15' AGL/874' MSL.
Hangars and buildings 76' from DER, 63' right of centerline, up to 30' AGL/869' MSL.

PISECO, NY

PISECO (K09)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 26JUL12 (12208) (FAA)

TAKEOFF MINIMUMS:

Rwy 4, std. w/min. climb of 539' per NM to 2800 or 600-3 w/min. climb of 316' per NM to 4500 or 2000-3 for climb in visual conditions.

Rwy 22, 1100-3 w/min. climb of 473' per NM to 3100 or 2000-3 for climb in visual conditions.

DEPARTURE PROCEDURE:

Rwy 4, climb heading 045° to 4500 before turning on course, or for climb in visual conditions cross Piseco airport at or above 3600 before proceeding on course. When executing VCOA, notify ATC prior to departure.

Rwy 22, climb heading 225° to 3500 before turning on course, or for climb in visual conditions cross Piseco airport at or above 3600 before proceeding on course. When executing VCOA, notify ATC prior to departure.

TAKEOFF OBSTACLE NOTES:

Rwy 4, trees 343' from DER, 192' right of centerline, up to 100' AGL/2244' MSL.

Trees 1.8 NM from DER, 2104' left of centerline, up to 100' AGL/2500' MSL.

Rwy 22, trees 4152' from DER, 1433' right of centerline, up to 100' AGL/2520' MSL.

PITTSTOWN, NJ

ALEXANDRIA (N85)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 2 29MAY14 (14149) (FAA)

TAKEOFF MINIMUMS:

Rwy 8, 400-1¼ or std. w/min. climb of 479' per NM to 1000.

Rwy 31, 400-2¼ or std. w/min. climb of 226' per NM to 900.

TAKEOFF OBSTACLE NOTES:

Rwy 8, trees beginning 192' from DER, 238' right of centerline, up to 70' AGL/569' MSL.

Trees beginning 591' from DER, 279' left of centerline, up to 70' AGL/829' MSL.

Rwy 13, trees beginning 205' from DER, 347' left of centerline, up to 70' AGL/569' MSL.

SKY MANOR (N40)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 2 31MAY12 (12152) (FAA)

TAKEOFF OBSTACLE NOTES:

Rwy 7, vehicles on roadway beginning 38' from DER, 283' left of centerline, up to 15' AGL/574' MSL.

Power lines beginning 2008' from DER, left and right of centerline, up to 122' AGL/652' MSL.

Trees beginning 2550' from DER, 756' left of centerline, up to 100' AGL/657' MSL.

Trees beginning 4763' from DER, 1716' right of centerline, up to 100' AGL/699' MSL.

Rwy 25, vehicles on roadway beginning 51' from DER, 375' left of centerline, up to 15' AGL/574' MSL.

Trees beginning 1965' from DER, 139' right of centerline, up to 100' AGL/679' MSL.

Trees beginning 2261' from DER, 961' left of centerline, up to 100' AGL/659' MSL.

PLATTSBURGH, NY

PLATTSBURGH INTL (PBG)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

DEPARTURE PROCEDURE:

Rwy 17, climb heading 172° to 2500 before turning on course.

Rwy 35, climb heading 352° to 2800 before turning on course.

TAKEOFF OBSTACLE NOTES:

Rwy 17, tree 1844' from DER, 966' right of centerline, 87' AGL/237' MSL.

Tree 2289' from DER, 937' left of centerline, 75' AGL/222' MSL.

Rwy 35, numerous trees beginning 1602' from DER, 501' left of centerline, up to 63' AGL/293' MSL.

Tree, 2270' from DER, 944' left of centerline, 104' AGL/334' MSL.

Tree 2035' from DER, 1014' right of centerline, 107' AGL/307' MSL.

POTSDAM, NY

POTSDAM MUNI/DAMON FLD (PTD)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 22OCT09 (09295) (FAA)

TAKEOFF OBSTACLE NOTES:

Rwy 6, trees beginning 229' from DER, 122' right of centerline, up to 100' AGL/569' MSL.

Trees beginning 926' from DER, 322' left of centerline, up to 100' AGL/579' MSL.

Rwy 24, trees beginning 776' from DER, 370' right of centerline, up to 100' AGL/559' MSL.

Building 549' from DER, 395' left of centerline, 40' AGL/509' MSL.

Tree 846' from DER, 471' left of centerline, 100' AGL/559' MSL.

POUGHKEEPSIE, NY

HUDSON VALLEY RGNL (POU)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 2A 22JUN17 (17173) (FAA)

TAKEOFF MINIMUMS:

Rwys 7, 25, NA - VFR only.

Rwy 6, 500-3 w/min. climb of 250' per NM to 1000 or std. w/min. climb of 537' per NM to 800 or 1700-2½ for climb in visual conditions.

Rwy 15, 400-2½ or std. w/min. climb of 370' per NM to 700.

Rwy 33, 300-1½ or std. w/min. climb of 270' per NM to 500.

DEPARTURE PROCEDURE:

Rwy 6, climb heading 063° to 2000 before proceeding on course.

Rwy 15, climbing left turn direct IGN VOR/DME to 1400 before proceeding on course.

Rwy 24, climb heading 243° to 1800 before proceeding on course.

Rwy 33, climbing right turn direct IGN VOR/DME then on IGN R-070 to 2200 before proceeding on course.

VCOA:

Rwy 6, obtain ATC approval for VCOA when requesting IFR clearance. Climb in visual conditions to cross Hudson Valley Rgnl Airport at or above 1700 before proceeding on course.

TAKEOFF OBSTACLE NOTES:

Rwy 6, terrain and fences beginning 92' from DER, 64' right of centerline, up to 9' AGL/166' MSL.
Fences beginning 372' from DER, 78' left of centerline, up to 9' AGL/168' MSL.
Poles, trees, tower, and antenna beginning 185' from DER, 384' right of centerline, up to 101' AGL/262' MSL.
Trees beginning 949' from DER, 86' right of centerline, up to 70' AGL/229' MSL.
Terrain and trees beginning 881' from DER, 395' left of centerline, up to 81' AGL/228' MSL.
Pole and trees beginning 2419' from DER, 6' left of centerline, up to 97' AGL/306' MSL.
Pole, building, and trees beginning 2795' from DER, 16' right of centerline, up to 97' AGL/306' MSL.
Trees 2754' from DER, 1232' left of centerline, up to 77' AGL/346' MSL.
Transmission tower 2.5 NM from DER, 602' left of centerline, 132' AGL/604' MSL.
Trees 2.6 NM from DER, 1482' left of centerline, up to 76' AGL/557' MSL.

Rwy 15, sign, buildings, poles, and trees beginning 47' from DER, 86' left of centerline, up to 25' AGL/187' MSL.
Fence, pole, buildings, and trees beginning 301' from DER, 85' right of centerline, up to 55' AGL/214' MSL.
Buildings and trees beginning 107' from DER, 369' right of centerline, up to 65' AGL/224' MSL.
Antenna, poles, buildings, and trees beginning 594' from DER, 29' left of centerline, up to 76' AGL/275' MSL.
Poles, buildings, and trees beginning 528' from DER, 19' right of centerline, up to 56' AGL/288' MSL.
Poles and trees beginning 2687' from DER, 1' left of centerline, up to 56' AGL/315' MSL.
Poles, buildings, and trees beginning 3493' from DER, 10' right of centerline, up to 86' AGL/315' MSL.
Trees 3393' from DER, 1153' right of centerline, up to 83' AGL/322' MSL.
Trees 1.6 NM from DER, 1787' left of centerline, up to 95' AGL/534' MSL.
Trees 1.8 NM from DER, 3119' right of centerline, up to 46' AGL/455' MSL.

Rwy 33, sign 12' from DER, 85' right of centerline, 2' AGL/157' MSL.
Pole, buildings, and trees beginning 100' from DER, 316' left of centerline, up to 80' AGL/229' MSL.
Trees beginning 255' from DER, 241' right of centerline, up to 74' AGL/233' MSL.
Trees beginning 606' from DER, 1' left of centerline, up to 102' AGL/221' MSL.
Trees beginning 686' from centerline, 5' right of centerline, up to 111' AGL/230' MSL.
Trees Beginning 1598' from DER, 15' left of centerline, up to 98' AGL/307' MSL.
Trees beginning 1632' from DER, 18' right of centerline, up to 114' AGL/295' MSL.
Trees 4824' from DER, 1742' left of centerline, up to 81' AGL/320' MSL.
Tank 1.1 NM from DER, 37' left of centerline, 105' AGL/360' MSL.
Trees 1.2 NM from DER, 2094' right of centerline, up to 96' AGL/345' MSL.

Rwy 24, vehicles on road and trees beginning 7' from DER, 280' left of centerline, up to 54' AGL/154' MSL.
Trees beginning 71' from DER, 180' right of centerline, up to 77' AGL/182' MSL.
Trees beginning 706' from DER, 487' left of centerline, up to 78' AGL/227' MSL.
Trees beginning 661' from DER, 318' right of centerline, up to 130' AGL/230' MSL.
Trees beginning 2072' from DER, 48' left of centerline, up to 112' AGL/265' MSL.
Trees beginning 1936' from DER, 42' right of centerline, up to 137' AGL/270' MSL.

PRINCETON/ROCKY HILL, NJ

PRINCETON (39N)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 3 29MAY14 (14149) (FAA)

TAKEOFF MINIMUMS:

Rwy 10, 400-2¼ or std. w/min. climb of 310' per NM to 700.

DEPARTURE PROCEDURE:

Rwy 10, climb heading 102° to 800 before turning left.

TAKEOFF OBSTACLE NOTES:

Rwy 10, trees beginning 35' from DER, 300' left of centerline, up to 21' AGL/159' MSL.
Vehicles on road, buildings, signs, poles, transmission line tower and trees beginning 389' from DER, 3' left of centerline, up to 34' AGL/223' MSL.
Tanks and trees beginning 1463' from DER, 19' left of centerline, up to 130' AGL/270' MSL.
Towers and trees beginning 1.5 NM from DER, 938' left of centerline, up to 208' AGL/496' MSL.
Vehicles on road, building, poles and trees beginning 277' from DER, 16' right of centerline, up to 23' AGL/151' MSL.
Vehicles on road, buildings, poles and trees beginning 491' from DER, 6' right of centerline, up to 36' AGL/180' MSL.
Tree 1.6 NM from DER, 7' right of centerline, 88' AGL/368' MSL.
Rwy 28, vehicles on road and trees beginning 86' from DER, 104' right of centerline, up to 27' AGL/140' MSL.
Trees 315' from DER, 506' right of centerline, 43' AGL/160' MSL.
Trees and building beginning 17' from DER, 248' left of centerline, up to 25' AGL/139' MSL.
Trees beginning 560' from DER, 73' left of centerline, up to 91' AGL/203' MSL.

READINGTON, NJ

SOLBERG-HUNTERDON (N51)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 1 30JUL09 (09211) (FAA)

TAKEOFF MINIMUMS:

Rwy 31, std. w/ min. climb of 405' per NM to 1400 or 1300-2½ for climb in visual conditions.

DEPARTURE PROCEDURE:

Rwy 31, for climb in visual conditions; cross Solberg-Hunterdon airport at or above 1300 before proceeding on course.

TAKEOFF OBSTACLE NOTES:

Rwy 4, tree 907' from DER, 712' left of centerline, 100' AGL/279' MSL.
Trees beginning 431' from DER, 82' right of centerline, up to 100' AGL/279' MSL.
Rwy 13, tree 47' from DER, 453' left of centerline, 100' AGL/279' MSL.
Tree 88' from DER, 178' right of centerline, 100' AGL/279' MSL.
Rwy 22, tree 185' from DER, 350' left of centerline, 100' AGL/299' MSL.
Trees beginning 103' from DER, 95' right of centerline, up to 100' AGL/299' MSL.
Rwy 31, trees beginning 372' from DER, 40' left of centerline, up to 100' AGL/378' MSL.
Tree 257' from DER, 441' right of centerline, 100' AGL/299' MSL.

ROBBINSVILLE, NJ

TRENTON-ROBBINSVILLE (N87)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 2A 15OCT15 (15288) (FAA)

TAKEOFF MINIMUMS:

Rwy 29, 300-1 or std. w/min. climb of 421' per NM to 800.

DEPARTURE PROCEDURE:

Rwy 29, climb heading 289° to 800 before turning right.

TAKEOFF OBSTACLE NOTES:

Rwy 11, trees beginning 39' from DER, 267' right of centerline, up to 87' AGL/198' MSL.
Vehicles on roadway beginning 49' from DER, left and right of centerline, up to 17' AGL/132' MSL.
Trees beginning 105' from DER, left and right of centerline, up to 90' AGL/202' MSL.
Building 789' from DER, 521' left of centerline, 32' AGL/148' MSL.
Trees beginning 834' from DER, left and right of centerline, up to 120' AGL/259' MSL.
Tower 4577' from DER, 1402' right of centerline, 116' AGL/256' MSL.
Rwy 29, rising terrain, vehicles on roadway and trees beginning 37' from DER, 22' left of centerline, up to 77' AGL/198' MSL.
Vehicles on roadway, poles and trees beginning 50' from DER, 5' right of centerline, up to 68' AGL/187' MSL.
Rising terrain, poles and trees beginning 757' from DER, 20' right of centerline, up to 97' AGL/230' MSL.
Rising terrain, buildings, poles and trees beginning 761' from DER, 12' left of centerline, up to 105' AGL/230' MSL.
Towers beginning 4909' from DER, 589' right of centerline, up to 167' AGL/297' MSL.

ROCHESTER, NY
GREATER ROCHESTER INTL (ROC)
TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES
AMDT 8 03APR14 (14093) (FAA)

TAKEOFF MINIMUMS:
Rwy 7, 300-1¾ or std. w/min. climb of 206' per NM to 900, or alternatively, with standard takeoff minimums and a normal 200' per NM climb gradient, takeoff must occur no later than 1300' prior to DER.
Rwy 10, std. w/min. climb of 250' per NM to 900 or 1000-2½ for climb in visual conditions.
Rwy 22, 400-2¾ or std. w/min. climb of 240' per NM to 1100.

DEPARTURE PROCEDURE:
Rwy 4, climb heading 044° to 1200 before turning left.
Rwy 10, for climb in visual conditions, cross greater Rochester Intl airport at or above 1400 before proceeding on course. When executing VCOA, notify ATC prior to departure.

TAKEOFF OBSTACLE NOTES:
Rwy 4, tree 2081' from DER, 532' left of centerline, 53' AGL/612' MSL.
Tree 3890' from DER, 1119' right of centerline, 100' AGL/659' MSL.
Tower 1806' from DER, 817' right of centerline, 60' AGL/611' MSL.
Rwy 7, dome 1.4 NM from DER, 1164' right of centerline, 213' AGL/756' MSL.
Trees beginning 2732' from DER, 426' left of centerline, up to 93' AGL/622' MSL.
Rwy 10, dome 1.1 NM from DER, 1543' left of centerline, 213' AGL/756' MSL.
Trees beginning 743' from DER, 248' left of centerline, up to 100' AGL/636' MSL.
Tree beginning 2676' from DER, 112' right of centerline, up to 85' AGL/616' MSL.
Pole 950' from DER, 655' right of centerline, 41' AGL/570' MSL.
Rwy 22, tower 2.2 NM from DER, 3550' right of centerline, 412' AGL/934' MSL.
Tree 1997' from DER, 832' right of centerline, up to 63' AGL/587'MSL.
Tree 3026' from DER, 935' left of centerline, 105' AGL/621' MSL.
Rwy 25, transmission line tower 1523' from DER, 819' left of centerline, 61' AGL/592' MSL.
Poles beginning 1655' from DER, 330' left of centerline, up to 82' AGL/617' MSL.
Rwy 28, railroad beginning 326' from DER, 539' right of centerline, 23' AGL/574' MSL.
Transmission line towers beginning 1239' from DER, 253' left of centerline, up to 75' AGL/614' MSL.
Trees beginning 807' from DER, 148' left of centerline, up to 87' AGL/626' MSL.
Trees beginning 887' from DER, 113' right of centerline, up to 91' AGL/632' MSL.

ROME, NY
GRIFFISS INTL (RME)
TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES
AMDT 1A 03JAN19 (19003) (FAA)

DEPARTURE PROCEDURE:
Rwy 15, climb heading 147° to 1000 before turning left.
Rwy 33, climb heading 327° to 1500 before turning right.

TAKEOFF OBSTACLE NOTES:
Rwy 15, pole 9' from DER, 4' right of centerline, 1' AGL/499' MSL.
Tree 1991' from DER, 966' left of centerline, 573' MSL.
Trees beginning 2068' from DER, 934' left of centerline, up to 587' MSL.
Trees beginning 2223' from DER, 358' left of centerline, up to 591' MSL.
Tree 5558' from DER, 1957' left of centerline, 640' MSL.
Rwy 33, NAVAID 39' from DER, 260' right of centerline, 4' AGL/505' MSL.
Tree 2860' from DER, 1140' right of centerline, 580' MSL.
Tree 3002' from DER, 1266' right of centerline, 588' MSL.

SARANAC LAKE, NY
ADIRONDACK RGNL (SLK)
TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES
AMDT 8 21JUN18 (18172) (FAA)

TAKEOFF MINIMUMS:
Rwy 5, std. w/ min. climb of 345' per NM to 5000 or 2500 - 3 for VCOA.
Rwy 9, std. w/ min. climb of 500' per NM to 5000 or 2500 - 3 for VCOA.
Rwy 23, std. w/ min. climb of 316' per NM to 4800 or 2500 - 3 for VCOA.

DEPARTURE PROCEDURE:
Rwy 5, climb heading 049° to 4000 before proceeding on course.
Rwy 9, climb heading 072° to 5000 before proceeding on course.
Rwy 23, climb heading 229° to 3000 before proceeding on course.
Rwy 27, climb heading 273° to 3100 before proceeding on course.

VCOA:
Rwy 5, 9, 23, obtain ATC approval for VCOA when requesting IFR clearance. Climb in visual conditions to cross Adirondack Regional airport at or above 4000, before proceeding on course.

TAKEOFF OBSTACLE NOTES:
Rwy 5, traverse way 177' from DER, 20' left of centerline, 1673' MSL.
Tree 1421' from DER, 856' right of centerline, 41' AGL/1703' MSL.
Tree 1549' from DER, 854' right of centerline, 1712' MSL.
Trees beginning 1594' from DER, 888' left of centerline, up to 72' AGL/1735' MSL.
Trees beginning 1655' from DER, 914' right of centerline, up to 1725' MSL.
Tree 1778' from DER, 960' right of centerline, 1729' MSL.
CON'T

SARANAC LAKE, NY (CON'T)

ADIRONDACK RGNL (SLK) (CON'T)

Rwy 5 (CON'T), trees beginning 2417' from DER, 916' left of centerline, up to 1741' MSL.
Tree 2761' from DER, 1235' right of centerline, 1734' MSL.
Trees beginning 2772' from DER, 46' left of centerline, up to 1750' MSL.
Trees beginning 2820' from DER, 267' right of centerline, up to 1735' MSL.
Trees beginning 3104' from DER, 106' left of centerline, up to 1754' MSL.
Tree 3176' from DER, 54' right of centerline, 1747' MSL.
Trees beginning 3234' from DER, 789' left of centerline, up to 1756' MSL.
Tree 3344' from DER, 34' right of centerline, 1751' MSL.
Rwy 9, terrain 61' from DER, 421' left of centerline, 1643' MSL.
Tree 100' from DER, 341' left of centerline, 31' AGL/1662' MSL.
Tree, vegetation beginning 175' from DER, 240' left of centerline, up to 1663' MSL.
Vegetation 247' from DER, 297' right of centerline, 25' AGL/1649' MSL.
Trees beginning 421' from DER, 433' left of centerline, up to 58' AGL/1698' MSL.
Trees beginning 637' from DER, 396' right of centerline, up to 1680' MSL.
Trees beginning 684' from DER, 427' left of centerline, up to 1699' MSL.
Trees beginning 690' from DER, 381' right of centerline, up to 1681' MSL.
Trees beginning 784' from DER, 453' right of centerline, up to 1684' MSL.
Trees beginning 997' from DER, 86' right of centerline, up to 51' AGL/1678' MSL.
Trees beginning 1031' from DER, 52' left of centerline, up to 1693' MSL.
Tree 1459' from DER, 0' of centerline, 1692' MSL.
Trees beginning 1491' from DER, 28' right of centerline, up to 1684' MSL.
Trees beginning 1813' from DER, 25' right of centerline, up to 1691' MSL.
Trees beginning 2007' from DER, 24' left of centerline, up to 1697' MSL.
Trees beginning 2100' from DER, 16' right of centerline, up to 1698' MSL.
Trees beginning 3006' from DER, 45' right of centerline, up to 1750' MSL.
Trees beginning 3149' from DER, 45' left of centerline, up to 1734' MSL.
Trees beginning 4011' from DER, 41' left of centerline, up to 1768' MSL.
Tree, tower beginning 5018' from DER, 21' right of centerline, up to 89' AGL/1868' MSL.
Trees beginning 5150' from DER, 7' left of centerline, up to 1856' MSL.
Trees beginning 1 NM from DER, 12' right of centerline, up to 1895' MSL.
Trees beginning 1.3 NM from DER, 108' left of centerline, up to 1875' MSL.
Trees beginning 1.3 NM from DER, 742' right of centerline, up to 2159' MSL.
Tower, tree beginning 1.3 NM from DER, 674' right of centerline, up to 140' AGL/2210' MSL.
Tree, tower, pole beginning 1.4 nm from DER, 318' left of centerline, up to 1891' MSL.
Tree 1.8 NM from DER, 3112' left of centerline, 1924' MSL.
Rwy 23, tree 93' from DER, 498' right of centerline, 1656' MSL.
Tree 341' from DER, 538' right of centerline, 1667' MSL.
Tree 517' from DER, 511' right of centerline, 1669' MSL.
Trees beginning 666' from DER, 532' left of centerline, up to 1665' MSL.
Tree 810' from DER, 448' right of centerline, 1672' MSL.
Tree 848' from DER, 592' right of centerline, 1674' MSL.
Tree 951' from DER, 687' left of centerline, 1679' MSL.
Tree 1072' from DER, 683' right of centerline, 1676' MSL.
Trees beginning 1074' from DER, 188' right of centerline, up to 1682' MSL.
Trees beginning 1096' from DER, 290' left of centerline, up to 1686' MSL.
Tree 1210' from DER, 738' left of centerline, 1703' MSL.
Tree 1292' from DER, 407' right of centerline, 1685' MSL.
Tree 1305' from DER, 617' left of centerline, 86' AGL/1710' MSL.
Tree 1308' from DER, 460' left of centerline, 1711' MSL.
Tree 1313' from DER, 569' left of centerline, 1713' MSL.
Trees beginning 1343' from DER, 63' left of centerline, up to 96' AGL/1720' MSL.
Trees beginning 1451' from DER, 69' right of centerline, up to 1698' MSL.
Trees beginning 1515' from DER, 52' left of centerline, up to 1722' MSL.
Trees beginning 1660' from DER, 421' right of centerline, up to 1704' MSL.
Trees beginning 1846' from DER, 21' right of centerline, up to 1706' MSL.
Trees beginning 1954' from DER, 50' right of centerline, up to 87' AGL/1711' MSL.
Tree 2151' from DER, 340' left of centerline, 1742' MSL.
Trees beginning 2160' from DER, 116' right of centerline, up to 1716' MSL.
Trees beginning 2228' from DER, 253' right of centerline, up to 1718' MSL.
Trees beginning 2255' from DER, 17' left of centerline, up to 1745' MSL.
Trees beginning 2274' from DER, 304' right of centerline, up to 1719' MSL.
Trees beginning 2620' from DER, 138' right of centerline, up to 1720' MSL.
Trees beginning 2754' from DER, 290' right of centerline, up to 1728' MSL.
Rwy 27, tree, vegetation beginning 109' from DER, 249' right of centerline, up to 1677' MSL.
Trees beginning 256' from DER, 14' right of centerline, up to 1680' MSL.
Trees beginning 532' from DER, 35' right of centerline, up to 78' AGL/1710' MSL.
Tree 600' from DER, 128' left of centerline, 1669' MSL.
Trees beginning 749' from DER, 6' right of centerline, up to 1729' MSL.
Tree 766' from DER, 377' left of centerline, 1672' MSL.
Trees beginning 894' from DER, 203' left of centerline, up to 1674' MSL.
Trees beginning 1083' from DER, 392' left of centerline, up to 1685' MSL.
Trees beginning 1455' from DER, 117' left of centerline, up to 64' AGL/1691' MSL.
Trees beginning 1752' from DER, 422' left of centerline, up to 80' AGL/1704' MSL.
CON'T

SARANAC LAKE, NY (CON'T)

ADIRONDACK RGNL (SLK) (CON'T)

Rwy 27 (CON'T), trees beginning 1905' from DER, 21' left of centerline, up to 1718' MSL.
Trees beginning 2076' from DER, 18' right of centerline, up to 1733' MSL.
Trees beginning 2257' from DER, 116' left of centerline, up to 1719' MSL.
Trees beginning 2543' from DER, 151' left of centerline, up to 1721' MSL.
Trees beginning 2554' from DER, 103' right of centerline, up to 1746' MSL.
Trees beginning 3111' from DER, 454' right of centerline, up to 1751' MSL.
Trees beginning 3378' from DER, 672' right of centerline, up to 1756' MSL.
Tree 3889' from DER, 356' left of centerline, 1740' MSL.

SARATOGA SPRINGS, NY

SARATOGA COUNTY (5B2)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 4 02MAY13 (13122) (FAA)

TAKEOFF MINIMUMS:
Rwy 32, std. w/ min. climb of 320' per NM to 2700 or 1500-2½ for climb in visual conditions.

DEPARTURE PROCEDURE:
Rwy 5, climb heading 053° to 1600 before proceeding on course.
Rwy 14, climb heading 143° to 1100 before proceeding on course.
Rwy 23, climb heading 233° to 1100 before proceeding on course.
Rwy 32, for climb in visual conditions, cross Saratoga County Airport at or above 1800 before proceeding on course.

TAKEOFF OBSTACLE NOTES:
Rwy 5, trees beginning 111' from DER, 521' left of centerline, up to 100' AGL/529' MSL.
Trees beginning 138' from DER, 508' right of centerline, up to 100' AGL/539' MSL.
Trees beginning 1112' from DER, 571' right of centerline, up to 86' AGL/506' MSL.
Trees beginning 1232' from DER, 572' left of centerline, up to 60' AGL/489' MSL.
Rwy 14, trees beginning 40' from DER, left and right of centerline, up to 100' AGL/529' MSL.
Vehicles on road beginning 69' from DER, left and right of centerline, up to 15' AGL/442' MSL.
Poles beginning 533' from DER, left and right of centerline, up to 41' AGL/461' MSL.
Buildings beginning 624' from DER, left and right of centerline, up to 51' AGL/459' MSL.
Flag pole, 774' from DER, 471' left of centerline, 51' AGL/477' MSL.
Power transmission lines beginning 1178' from DER, left and right of centerline, up to 42' AGL/474' MSL.
Rwy 23, trees beginning 197' from DER, 426' right of centerline, up to 100' AGL/530' MSL.
Trees beginning 885' from DER, 692' left of centerline, up to 100' AGL/539' MSL.
Trees beginning 1002' from DER, 528' left of centerline, up to 100' AGL/530' MSL.
Trees beginning 1182' from DER, 576' right of centerline, up to 100' AGL/530' MSL.
Rwy 32, bushes and trees beginning 7' from DER, left and right of centerline, up to 58' AGL/528' MSL.
Building 1158' from DER, 127' left of centerline, up to 41' AGL/461' MSL.
Trees beginning 3062' from DER, left and right of centerline, up to 100' AGL/516' MSL.
Power transmission towers beginning 10146' from DER, 2895' right of centerline, up to 151' AGL/700' MSL.

SCHENECTADY, NY

SCHENECTADY COUNTY (SCH)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 6 25APR19 (19115) (FAA)

TAKEOFF MINIMUMS:
Rwy 28, std. w/min. climb of 288' per NM to 1900, or 1200-2½ for VCOA.

DEPARTURE PROCEDURE:
Rwy 22, climb on heading 235° to 1300 before turning right.

VCOA:
Rwy 28, obtain ATC approval for VCOA when requesting IFR clearance. Climb in visual conditions to cross Schenectady County airport at or above 1400 before proceeding on course.

TAKEOFF OBSTACLE NOTES:
Rwy 4, vegetation 101' from DER, 498' left of centerline, 2' AGL/401' MSL.
Tank, vegetation, tree beginning 133' from DER, 191' left of centerline, up to 130' AGL/505' MSL.
Trees beginning 1053' from DER, 481' right of centerline, up to 100' AGL/433' MSL.
Tree 1257' from DER, 559' right of centerline, 100' AGL/433' MSL.
Trees beginning 1725' from DER, on centerline and 530' right of centerline, up to 84' AGL/436' MSL.
Rwy 10, pole 2' from DER, 81' left of centerline, 322' MSL.
Pole 3' from DER, 78' right of centerline, 321' MSL.
Trees beginning 41' from DER, 259' right of centerline, up to 343' MSL.
Tree 57' from DER, 410' left of centerline, 332' MSL.
Tree, fence beginning 68' from DER, 431' left of centerline, up to 33' AGL/352' MSL.
Tree, building beginning 807' from DER, 218' left of centerline, up to 357' MSL.
Tree 1015' from DER, 712' left of centerline, 358' MSL.
Buildings beginning 1019' from DER, 574' left of centerline, up to 57' AGL/366' MSL.
Trees beginning 1176' from DER, 400' left of centerline, up to 369' MSL.
Rwy 22, trees beginning 486' from DER, 789' right of centerline, up to 101' AGL/413' MSL.
Tree 1156' from DER, 292' left of centerline, 59' AGL/349' MSL.
Tree 1215' from DER, 679' left of centerline, 80' AGL/366' MSL.
Tree 2187' from DER, 850' right of centerline, 104' AGL/403' MSL.

CON'T

NE-2, 10 SEP 2020 to 05 NOV 2020
NE-2, 10 SEP 2020 to 05 NOV 2020

SCHENECTADY, NY (CON'T)

SCHENECTADY COUNTY (SCH) (CON'T)

Rwy 28, tree 3' from DER, 460' left of centerline, 92' AGL/410' MSL.
Trees, poles, buildings, traverse way beginning 18' from DER, 430' left and 53' right of centerline, up to 420' MSL.
Trees beginning 1484' from DER, 250' right of centerline, up to 94' AGL/415' MSL.
Trees beginning 1496' from DER, 3' right of centerline, up to 422' MSL.
Trees beginning 3699' from DER, 670' right of centerline, up to 461' MSL.
Tree 5450' from DER, 1958' right of centerline, up to 466' MSL.
Tree 5763' from DER, 2004' right of centerline, up to 100' AGL/471' MSL.

SENECA FALLS, NY

FINGER LAKES RGNL (0G7)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG-A 18SEP14 (14261) (FAA)

TAKEOFF MINIMUMS:
Rwy 1, 300-2 or std. w/ min. climb of 275' per NM to 1000.
Rwys 11, 29 NA-Environmental.

TAKEOFF OBSTACLE NOTES:
Rwy 1, trees, vehicle on road and tower beginning 401' from DER, 407' right of centerline, up to 306' AGL/756' MSL.
Trees and pole beginning 571' from DER, 332' left of centerline, up to 73' AGL/528' MSL.
Rwy 19, trees and building beginning 238' from DER, 294' right of centerline, up to 68' AGL/557' MSL.
Building, trees, poles, bushes and vehicle on road beginning 189' from DER, 270' left of centerline, up to 57' AGL/556' MSL.

SHIRLEY, NY

BROOKHAVEN (HWV)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 10MAY07 (07130) (FAA)

TAKEOFF MINIMUMS:
Rwys 6, 33, NA-Noise abatement.

TAKEOFF OBSTACLE NOTES:
Rwy 15, trees beginning 173' from DER, 376' right of centerline, up to 60' AGL/124' MSL.
Trees beginning 40' from DER, 281' left of centerline, up to 60' AGL/124' MSL.
Rwy 24, trees beginning 199' from DER, 497' left of centerline, up to 60' AGL/148' MSL.
Trees beginning 604' from DER, 597' right of centerline, up to 60' AGL/133' MSL.

SIDNEY, NY

SIDNEY MUNI (N23)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 5 29MAY14 (14149) (FAA)

TAKEOFF MINIMUMS:
Rwy 7, std. w/min. climb of 340' per NM to 2300 or 1600-3 for climb in visual conditions.
Rwy 25, 600-2½ w/min. climb of 290' per NM to 2000 or std. w/min. climb of 550' per NM to 1800 or 1600-3 for climb in visual conditions.

DEPARTURE PROCEDURE:
Rwy 7, climb heading 071° to 2300 before proceeding on course.
Rwy 25, climb heading 251° to 2000 before proceeding on course.
All runways, obtain ATC approval for climb in visual conditions when requesting IFR clearance. Climb in visual conditions to cross Sidney Muni airport at or above 2500 before proceeding on course.

TAKEOFF OBSTACLE NOTES:
Rwy 7, vehicles on roadway beginning 18' from DER, left and right of centerline, up to 17' AGL/1056' MSL.
Buildings beginning 28' from DER, 383' right of centerline, up to 37' AGL/1035' MSL.
Trees beginning 126' from DER, 341' left of centerline, up to 76' AGL/1077' MSL.
Trees and light poles beginning 939' from DER, 84' right of centerline, up to 40' MSL.
Wall and trees beginning 2.7 NM from DER, 135' left of centerline, up to 92' AGL/1633' MSL.
Trees beginning 2.8 NM from DER, 43' right of centerline, up to 83' MSL.
Trees beginning 3 NM from DER, left and right of centerline, up to 116' AGL/1757' MSL.
Rising terrain beginning 3.2 NM from DER, 1021' left of centerline, up to 2039' MSL.
Rwy 25, rising terrain and trees beginning 4' from DER, 193' left of centerline, up to 65' AGL/1066' MSL.
Vehicles on roadway and trees beginning 17' from DER, 236' right of centerline, up to 80' AGL/1081' MSL.
Trees, vehicles on roadway, power transmission towers and lines beginning 3572' from DER, 94' left of centerline, up to 103' AGL/1413' MSL.
Trees and power transmission towers and lines beginning 1.1 NM from DER, 43' right of centerline, up to 118' AGL/1568' MSL.
Trees beginning 1.3 NM from DER, 1899' left of centerline, up to 100' AGL/1568' MSL.
Wall and trees beginning 1.8 NM from DER, 1766' left of centerline, up to 100' AGL/1339' MSL.
Rising terrain beginning 3.1 NM from DER, 5304' right of centerline up to 1739' MSL.

SKANEATELES, NY

SKANEATELES AERO DROME (6B9)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 1 08NOV18 (18312) (FAA)

TAKEOFF MINIMUMS:

Rwy 28, NA-obstacles.

Rwys 4, 22, NA-environmental.

Rwy 10, 400-3 w/min. climb of 225' per NM to 1600 or 1000-3 for VCOA.

VCOA:

Rwy 10, obtain ATC approval for VCOA when requesting IFR clearance. Climb in visual conditions to cross Skaneateles Aero Drome at or above 1800 before proceeding on course.

TAKEOFF OBSTACLE NOTES:

Rwy 10, tree 3' from DER, 491' left of centerline, 150' AGL/1129' MSL.
Traverse ways beginning 6' from DER, left and right of centerline, up to 10' AGL/999' MSL.
Tree 39' from DER, 375' left of centerline, 150' AGL/1139' MSL.
Tree, traverse ways beginning 45' from DER, 6' right of centerline, up to 150' AGL/1130' MSL.
Trees, pole beginning 185' from DER, 3' left of centerline, up to 150' AGL/1149' MSL.
Tree, pole, beginning 483' from DER, 76' right of centerline, up to 150' AGL/1139' MSL.
Vehicle on road 694' from DER, left and right of centerline, 15' AGL/1014' MSL.
Trees beginning 718' from DER, 4' left of centerline, up to 150' AGL/1149' MSL.
Tree 867' from DER, 363' right of centerline, 150' AGL/1149' MSL.
Tree 880' from DER, 80' right of centerline, 150' AGL/1159' MSL.

SOMERVILLE, NJ

SOMERSET (SMQ)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 3 18DEC08 (08353) (FAA)

TAKEOFF MINIMUMS:

Rwys 8, 17, 26, 35, NA-Environmental.

Rwy 12, std. w/ min. climb of 400' per NM to 1000 or 700-3 w/ min. climb of 285' per NM to 1400, or 1100-2½ for climb in visual conditions.

Rwy 30, std. w/ min. climb of 500' per NM to 600 or 300-2 or min. climb of 205' per NM to 1600, or 1100-2½ for climb in visual conditions.

DEPARTURE PROCEDURE:

Rwy 12, climb heading 122° to 1000 before proceeding on course or for climb in visual conditions cross Somerset Airport at or above 1100 before proceeding on course.

Rwy 30, climb heading 302° to 1300 before proceeding on course or for climb in visual conditions cross Somerset Airport at or above 1100 before proceeding on course.

TAKEOFF OBSTACLE NOTES:

Rwy 12, trees beginning at DER, 345' left of centerline, up to 100' AGL/219' MSL.
Trees beginning 600' from DER, left to right of centerline, up to 100' AGL/219' MSL.
Trees beginning 3188' from DER, left to right of centerline, up to 100' AGL/279' MSL.
Rwy 30, trees beginning at DER, 85' right of centerline, up to 100' AGL/199' MSL.
Trees beginning at DER, 110' left of centerline, up to 99' AGL/199' MSL.
Trees beginning 1451' from DER, left to right of centerline, up to 100' AGL/199' MSL.
Trees beginning 2748' from DER, 1147' left of centerline, up to 100' AGL/259' MSL.

SOUTH BETHLEHEM, NY

SOUTH ALBANY (4B0)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 09APR09 (09099) (FAA)

TAKEOFF MINIMUMS:

Rwy 1, 300-1¾ or std. w/ min. climb of 290' per NM to 600.

Rwy 19, std. w/ min. climb of 415' per NM to 2000 or 1700-1½ for climb in visual conditions.

DEPARTURE PROCEDURE:

Rwy 1, climb heading 008° to 2000 before proceeding on course.

Rwy 19, climb via heading 188° to 2000 or for climb in visual conditions; cross South Albany airport at or above 1700 before proceeding on course. Do not exceed 180 knots until crossing South Albany airport on course.

TAKEOFF OBSTACLE NOTES:

Rwy 1, vehicles on road beginning 315' from DER, left to right of centerline, up to 15' AGL/234' MSL.
Vehicles on road 17' from DER, 467' left of centerline, 15' AGL/224' MSL.
Trees 523' from DER, 425' right of centerline, up to 100' AGL/299' MSL.
Stacks 1.3 NM from DER, 1522' right of centerline, 195' AGL/435' MSL.
Rwy 19, trains beginning 23' from DER, left and right of centerline, 23' AGL/318' MSL.

SUSSEX, NJ

SUSSEX (FWN)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 3 29MAY14 (14149) (FAA)

TAKEOFF MINIMUMS:

Rwy 3, 700-3 w/min. climb of 315' per NM to 1500 or 1600-3 for climb in visual conditions.

Rwy 21, 600-3 w/min. climb of 295' per NM to 1300 or 1600-3 for climb in visual conditions.

DEPARTURE PROCEDURE:

Rwy 3, climb heading 029° to 1300, then climbing right turn to 3000 direct SAX VORTAC before proceeding on course, or for climb in visual conditions cross Sussex airport at or above 1900 before proceeding on course. When executing VCOA, notify ATC prior to departure.

Rwy 21, climb heading 209° to 1500 before proceeding on course, or for climb in visual conditions cross Sussex airport at or above 1900 before proceeding on course. When executing VCOA, notify ATC prior to departure.

TAKEOFF OBSTACLE NOTES:

Rwy 3, vehicles on road beginning at DER, 87' left of centerline, crossing centerline from left to right, up to 15' AGL/434' MSL.

Building 260' from DER, 120' right of centerline, 25' AGL/444' MSL.

Poles and catenaries beginning at DER, 215' left of centerline, crossing centerline from left to right, up to 50' AGL/469' MSL.

Tree 105' from DER, 215' left of centerline, 100' AGL/519' MSL.

Trees beginning 278' from DER, left and right of centerline, up to 100' AGL/579' MSL.

Tower 1.1 NM from DER, 580' right of centerline, 89' AGL/691' MSL.

Trees beginning 673' from DER, left and right of centerline, up to 100' AGL/799' MSL.

Trees beginning 1.8 NM from DER, left and right of centerline, up to 100' AGL/1022' MSL.

Rwy 21, hangars beginning at DER, 372' left of centerline, up to 25' AGL/444' MSL.

Buildings beginning 237' from DER, 44' left of centerline, up to 100' AGL/444' MSL.

Vehicles on roadway beginning 170' from DER, crossing centerline from left to right, up to 15' AGL/454' MSL.

Poles beginning 336' from DER, left and right of centerline, up to 50' AGL/489' MSL.

Trees beginning 117' from DER, left and right of centerline, up to 100' AGL/519' MSL.

Trees beginning 1200' from DER, 805' left of centerline, up to 100' AGL/579' MSL.

Trees beginning 4845' from DER, left and right of centerline, up to 100' AGL/759' MSL.

Trees beginning 1.4NM from DER, left and right of centerline, up to 100' AGL/1019' MSL.

SYRACUSE, NY

SYRACUSE HANCOCK INTL (SYR)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 8 12OCT17 (17285) (FAA)

DEPARTURE PROCEDURE:

Rwy 10, climb heading 100° to 1500 before turning southbound.

Rwy 15, climb heading 132° to 2400 before turning southbound.

Rwy 28, climb heading 280° to 1100 before turning southbound.

Rwy 33, climb heading 327° to 1000 before turning southbound.

TAKEOFF OBSTACLE NOTES:

Rwy 10, NAVAID 5' from DER, 119' left of centerline, 3' AGL/401' MSL.

NAVAID 5' from DER, 119' right of centerline, 3' AGL/401' MSL.

NAVAID 6' from DER, on centerline, 2' AGL/402' MSL.

Signs beginning 54' from DER, 219' right of centerline, up to 7' AGL/404' MSL.

Trees beginning 864' from DER, 618' right of centerline, up to 465' MSL.

Trees beginning 1434' from DER, 744' right of centerline, up to 474' MSL.

Trees beginning 2396' from DER, 729' right of centerline, up to 487' MSL.

Tree 2478' from DER, 804' left of centerline, 87' AGL/472' MSL.

Tree 2557' from DER, 1094' right of centerline, 96' AGL/494' MSL.

Trees beginning 2700' from DER, 822' right of centerline, up to 497' MSL.

Rwy 15, tree 255' from DER, 463' right of centerline, 414' MSL.

Tree 669' from DER, 606' left of centerline, 466' MSL.

Tree 742' from DER, 528' right of centerline, 440' MSL.

Tree 764' from DER, 646' right of centerline, 449' MSL.

Trees beginning 811' from DER, 270' left of centerline, up to 469' MSL.

Trees beginning 1331' from DER, 215' left of centerline, up to 475' MSL.

Tree 1853' from DER, 282' right of centerline, 39' AGL/450' MSL.

Tree 1997' from DER, 801' right of centerline, 453' MSL.

Trees beginning 2562' from DER, 237' right of centerline, up to 479' MSL.

Trees beginning 2829' from DER, 61' left of centerline, up to 487' MSL.

Trees beginning 2931' from DER, 39' right of centerline, up to 487' MSL.

Tree 3026' from DER, 763' left of centerline, 494' MSL.

Tree 3172' from DER, 626' left of centerline, 86' AGL/498' MSL.

Trees beginning 3197' from DER, 194' left of centerline, up to 504' MSL.

Trees beginning 3299' from DER, 196' right of centerline, up to 488' MSL.

Tree 3359' from DER, 109' right of centerline, 504' MSL.

Trees beginning 3362' from DER, 179' right of centerline, up to 88' AGL/505' MSL.

Rwy 28, pole 2456' from DER, 949' right of centerline, 85' AGL/497' MSL.

Rwy 33, trees beginning 749' from DER, 222' right of centerline, up to 466' MSL.

Trees beginning 1445' from DER, 313' right of centerline, up to 63' AGL/467' MSL.

Trees beginning 1650' from DER, 32' left of centerline, up to 476' MSL.

Tree 1712' from DER, 846' right of centerline, 471' MSL.

CON'T

SYRACUSE, NY (CON'T)

SYRACUSE HANCOCK INTL (SYR) (CON'T)

Rwy 33 (CON'T), trees beginning 1770' from DER, 294' right of centerline, up to 71' AGL/475' MSL.
Tree 1935' from DER, 609' right of centerline, 476' MSL.
Tree 2101' from DER, 963' left of centerline, 484' MSL.
Trees beginning 2329' from DER, 849' left of centerline, up to 96' AGL/500' MSL.
Tree 3170' from DER, 889' right of centerline, 497' MSL.

TETERBORO, NJ

TETERBORO (TEB)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 8 24JUL14 (14205) (FAA)

TAKEOFF MINIMUMS:
Rwy 1, 400-2¼ or std. w/min. climb of 294' per NM to 500.
Rwy 6, 300-1½ or std. w/min. climb of 263' per NM to 400.
Rwy 19, 600-2¼ or std. w/min. climb of 352' per NM to 700.
Rwy 24, 400-1¾ or std. w/min. climb of 444' per NM to 500.

DEPARTURE PROCEDURE:
Rwy 1, climbing right turn heading 040° to 900 before proceeding on course.
Rwy 6, climbing left turn heading 040° to 900 before proceeding on course.
Rwy 19, climb heading 195° to 900 then climbing right turn on BWZ VORTAC R-104 to 2000 before proceeding on course.
Rwy 24, climb heading 240° to 1500 before proceeding on course.

TAKEOFF OBSTACLE NOTES:
Rwy 1, building, poles, and trees beginning 198' from DER, 147' left of centerline, up to 77' AGL/86' MSL.
Building, poles, and trees beginning 906' from DER, 135' right of centerline, up to 65' AGL/74' MSL.
Tree 1771' from DER, on centerline, 49' AGL/58' MSL.
Buildings and trees beginning 4753' from DER, 127' left of centerline, up to 146' AGL/265' MSL.
Building 5903' from DER, 1521' left of centerline, 160' AGL/224' MSL.
Buildings beginning 1.5 NM from DER, 320' right of centerline, up to 206' AGL/285' MSL.
Buildings beginning 1.8 NM from DER, 752' right of centerline, up to 249' AGL/314' MSL.
Rwy 6, signs beginning 20' from DER, 308' left of centerline, 1' AGL/8' MSL.
Buildings, poles, trees, and sign beginning 26' from DER, 145' right of centerline, up to 44' AGL/53' MSL.
Buildings and poles beginning 195' from DER, 297' left of centerline, up to 42' AGL/51' MSL.
Vehicles on road beginning 274' from DER, left and right of centerline, up to 15' AGL/23' MSL.
Buildings, poles, trees, and signs beginning 434' from DER, 7' left of centerline, up to 104' AGL/115' MSL.
Buildings and trees beginning 1216' from DER, 57' right of centerline, up to 100' AGL/139' MSL.
Stack 1.2 NM from DER, 654' right of centerline, 230' AGL/240' MSL.
Rwy 19, vehicles on road beginning 12' from DER, left and right of centerline, up to 15' AGL/21' MSL.
Trees beginning 67' from DER, 373' left of centerline, up to 72' AGL/79' MSL.
Buildings, fence, poles, and trees beginning 186' from DER, 40' right of centerline, up to 89' AGL/98' MSL.
Localizer antenna 598' from DER, on centerline, 29' AGL/34' MSL.
Trees beginning 795' from DER, left and right of centerline, up to 88' AGL/109' MSL.
Towers and antennas beginning 1.1 NM from DER, 1370' right of centerline, up to 243' AGL/246' MSL.
Monuments 1.7 NM from DER, 1331' right of centerline, up to 287' AGL/299' MSL.
Towers and antennas beginning 1.9 NM from DER, 1643' right of centerline, up to 500' AGL/510' MSL.
Rwy 24, structures and trees beginning 26' from DER, 214' left of centerline, up to 67' AGL/76' MSL.
Pole and trees beginning 249' from DER, 100' right of centerline, up to 54' AGL/103' MSL.
Buildings, poles, sign, and trees beginning 2724' from DER, 536' right of centerline, up to 83' AGL/272' MSL.
Trees beginning 5264' from DER, 1915' right of centerline, up to 100' AGL/309' MSL.
Trees beginning 1.3 NM from DER, 1744' right of centerline, up to 88' AGL/217' MSL.

TICONDEROGA, NY

TICONDEROGA MUNI (4B6)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 1 03JAN19 (19003) (FAA)

TAKEOFF MINIMUMS:
Rwy 2, std. w/min. climb of 223' per NM to 5300, or 2800-3 for VCOA.
Rwy 20, std. w/min. climb of 346' per NM to 1700, or 2800-3 for VCOA.

DEPARTURE PROCEDURE:
Rwy 2, climb on a heading between 029° CW to 197° from DER.
Rwy 20, climb on a heading between 018° CW to 198° from DER.

VCOA:
All runways, obtain ATC approval for VCOA when requesting IFR clearance. Climb in visual conditions to cross Ticonderoga Muni at or above 2900 before proceeding on course.

TAKEOFF OBSTACLE NOTES:
Rwy 2, sign 18' from DER, 118' left of centerline, 1' AGL/266' MSL.
Tree 33' from DER, 279' right of centerline, 300' MSL.
Trees beginning 40' from DER, 186' right of centerline, up to 43' AGL/302' MSL.
Trees beginning 131' from DER, 23' right of centerline, up to 320' MSL.
Tree 653' from DER, 63' left of centerline, 284' MSL.
Trees beginning 717' from DER, 239' left of centerline, up to 286' MSL.
Trees beginning 759' from DER, 431' left of centerline, up to 90' AGL/289' MSL.

CON'T

NE-2, 10 SEP 2020 to 05 NOV 2020
NE-2, 10 SEP 2020 to 05 NOV 2020

TICONDEROGA, NY (CON'T)

TICONDEROGA MUNI (4B6) (CON'T)

Rwy 2 (CON'T), tree 1068' from DER, 201' left of centerline, 292' MSL.
Rwy 20, tree 54' from DER, 262' left of centerline, 41' AGL/305' MSL.
Trees beginning 74' from DER, 256' left of centerline, up to 318' MSL.
Terrain 148' from DER, 185' right of centerline, 280' MSL.
Terrain beginning 190' from DER, 362' right of centerline, up to 282' MSL.
Trees beginning 331' from DER, 346' left of centerline, up to 328' MSL.
Terrain beginning 382' from DER, 317' right of centerline, up to 286' MSL.
Terrain beginning 503' from DER, 215' right of centerline, up to 288' MSL.
Terrain 541' from DER, 396' right of centerline, 289' MSL.
Terrain 607' from DER, 285' right of centerline, 290' MSL.
Terrain beginning 737' from DER, 213' right of centerline, up to 294' MSL.
Trees beginning 872' from DER, 173' left of centerline, up to 331' MSL.
Terrain 934' from DER, 303' right of centerline, 298' MSL.
Terrain 968' from DER, 221' right of centerline, 299' MSL.
Terrain 1022' from DER, 420' right of centerline, 301' MSL.
Trees beginning 1151' from DER, 51' right of centerline, up to 23' AGL/324' MSL.
Trees beginning 1159' from DER, 286' right of centerline, up to 30' AGL/332' MSL.
Tree and terrain beginning 1165' from DER, 167' right of centerline, up to 33' AGL/333' MSL.
Trees beginning 1400' from DER, 548' left of centerline, up to 341' MSL.
Tree 1603' from DER, 708' right of centerline, 47' AGL/340' MSL.
Trees beginning 1618' from DER, 676' left of centerline, up to 357' MSL.
Trees beginning 1681' from DER, 288' left of centerline, up to 100' AGL/359' MSL.
Trees beginning 1827' from DER, 95' left of centerline, up to 104' AGL/365' MSL.
Trees beginning 2953' from DER, 18' left of centerline, up to 374' MSL.
Trees beginning 2956' from DER, 100' right of centerline, up to 357' MSL.
Trees beginning 3379' from DER, 133' right of centerline, up to 364' MSL.
Tree 3720' from DER, 375' right of centerline, 368' MSL.
Trees beginning 3758' from DER, 105' left of centerline, up to 383' MSL.
Trees beginning 3938' from DER, 39' right of centerline, up to 384' MSL.
Trees beginning 4019' from DER, 126' left of centerline, up to 401' MSL.
Tree 4250' from DER, 552' right of centerline, 69' AGL/385' MSL.
Trees beginning 4482' from DER, 178' right of centerline, up to 86' AGL/404' MSL.
Tree 4595' from DER, 161' right of centerline, 91' AGL/405' MSL.

TOMS RIVER, NJ

OCEAN COUNTY (MJX)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 1B 24MAY18 (18144) (FAA)

TAKEOFF MINIMUMS:
Rwy 14, 32, NA.

TAKEOFF OBSTACLE NOTES:
Rwy 6, trees beginning 67' from DER, 268' left of centerline, up to 44' AGL/109' MSL.
Trees beginning 179' from DER, 510' right of centerline, up to 53' AGL/122' MSL.
Trees beginning 525' from DER, 1' left of centerline, up to 62' AGL/121' MSL.
Trees beginning 766' from DER, 65' right of centerline, up to 67' AGL/146' MSL.
Rwy 24, terrain 52' from DER, 438' right of centerline, up to 77' MSL.
Trees beginning 1078' from DER, 98' left of centerline, up to 24' AGL/108' MSL.
Trees beginning 1333' from DER, 494' right of centerline, up to 37' AGL/120' MSL.

TRENTON, NJ

TRENTON MERCER (TTN)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 5 02MAY13 (13122) (FAA)

TAKEOFF OBSTACLE NOTES:
Rwy 6, trees beginning 546' from DER, 546' right of centerline, up to 100' AGL/224' MSL.
Vehicles on road beginning 719' from DER, left and right of centerline, up to 15' AGL/214' MSL.
Trees beginning 1068' from DER, 13' right of centerline, up to 100' AGL/275' MSL.
Trees beginning 1093' from DER, 290' left of centerline, up to 100' AGL/319' MSL.
Trees and poles beginning 1972' from DER, 3' left of centerline, up to 100' AGL/332' MSL.
Trees and tower beginning 2115' from DER, 5' right of centerline, up to 100' AGL/273' MSL.
Rwy 16, trees beginning 56' from DER, 375' left of centerline, up to 69' AGL/236' MSL.
Railroad cars beginning 415' from DER, left and right of centerline, up to 26' AGL/186' MSL.
Trees beginning 582' from DER, 71' right of centerline, up to 68' AGL/228' MSL.
Trees beginning 1462' from DER, 127' left of centerline, up to 85' AGL/238' MSL.
Rwy 24, pole, building and vehicle beginning 41' from DER, 22' left of centerline, up to 32' AGL/185' MSL.
Trees beginning 1844' from DER, 279' left of centerline, up to 103' AGL/271' MSL.
Trees beginning 3232' from DER, 836' right of centerline, up to 119' AGL/256' MSL.
Rwy 34, trees beginning 155' from DER, 303' right of centerline, up to 78' AGL/250' MSL.
Trees beginning 340' from DER, 333' left of centerline, up to 68' AGL/250' MSL.
Trees beginning 1412' from DER, 706' right of centerline, up to 100' AGL/319' MSL.

VINELAND, NJ

KROELINGER (29N)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 1A 16AUG18 (18228) (FAA)

TAKEOFF MINIMUMS:

Rwy 10, 300-1 or standard w/ min. climb of 285' per NM to 400.

Rwys 28, 300-1.

WATERTOWN, NY

WATERTOWN INTL (ART)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 3 19JUL18 (18200) (FAA)

TAKEOFF MINIMUMS:

Rwy 7, 300-1⅝ or std. w/min. climb of 270' per NM to 600.

Rwy 10, 300-1½ w/min. climb of 220' per NM to 3000, or std. w/min. climb of 315' per NM to 600, or 1000-2½ with VCOA.

VCOA:

Rwy 10, obtain ATC approval for VCOA when requesting IFR clearance. Climb in visual conditions to cross Watertown Intl Airport at or above 1200 before proceeding on course.

TAKEOFF OBSTACLE NOTES:

Rwy 7, vehicle on road 539' from DER, 532' left of centerline, 341' MSL.
Trees beginning 787' from DER, 493' right of centerline, up to 55' AGL/378' MSL.
Tree 817' from DER, 408' left of centerline, 43' AGL/363' MSL.
Trees beginning 886' from DER, 478' left of centerline, up to 63' AGL/380' MSL.
Tree 1024' from DER, 665' right of centerline, 63' AGL/386' MSL.
Trees beginning 1092' from DER, 96' right of centerline, up to 387' MSL.
Tree 2506' from DER, 248' right of centerline, 81' AGL/399' MSL.
Trees beginning 4386' from DER, 699' left of centerline, 100' AGL/479' MSL.
Trees beginning 5223' from DER, 262' left of centerline, up to 100' AGL/499' MSL.
Trees beginning 1 nm from DER, 260' left of centerline, up to 100' AGL/509' MSL.
Tree 1.1 NM from DER, 208' left of centerline, 100' AGL/519' MSL.
Tree 1.3 NM from DER, 680' left of centerline, 100' AGL/559' MSL.
Rwy 10, vehicle on road 211' from DER, 526' left of centerline, 345' MSL.
Trees beginning 380' from DER, 563' left of centerline, up to 363' MSL.
Trees beginning 495' from DER, 396' right of centerline, up to 60' AGL/388' MSL.
Tree 1239' from DER, 671' left of centerline, 367' MSL.
Tree 1250' from DER, 789' left of centerline, 371' MSL.
Trees beginning 1410' from DER, 733' left of centerline, up to 392' MSL.
Trees beginning 2011' from DER, 811' right of centerline, up to 389' MSL.
Trees beginning 2134' from DER, 913' right of centerline, up to 394' MSL.
Trees beginning 2146' from DER, 797' right of centerline, up to 403' MSL.
Trees beginning 2439' from DER, 839' right of centerline, up to 404' MSL.
Tree 2515' from DER, 905' right of centerline, 407' MSL.
Tree 2553' from DER, 1150' right of centerline, 409' MSL.
Tree 2568' from DER, 996' right of centerline, 412' MSL.
Trees beginning 2652' from DER, 541' right of centerline, up to 414' MSL.
Trees beginning 2826' from DER, 635' right of centerline, up to 416' MSL.
Trees beginning 2973' from DER, 317' right of centerline, up to 425' MSL.
Tree 2991' from DER, 256' left of centerline, 72' AGL/407' MSL.
Tree 3034' from DER, 620' left of centerline, 410' MSL.
Tree 3051' from DER, 932' left of centerline, 419' MSL.
Tree 3982' from DER, 1388' right of centerline, 438' MSL.
Tree 4022' from DER, 1564' right of centerline, 482' MSL.
Trees beginning 4141' from DER, 960' right of centerline, up to 487' MSL.
Trees beginning 4480' from DER, 877' right of centerline, up to 491' MSL.
Trees beginning 4779' from DER, 966' right of centerline, up to 496' MSL.
Tree 4860' from DER, 1676' right of centerline, 513' MSL.
Trees beginning 4871' from DER, 863' right of centerline, up to 515' MSL.
Trees beginning 4966' from DER, 724' right of centerline, up to 65' AGL/520' MSL.
Trees and poles beginning 5048' from DER, 574' right of centerline, up to 72' AGL/529' MSL.
Rwy 28, tree 919' from DER, 356' right of centerline, 42' AGL/341' MSL.
Tree 1582' from DER, 786' left of centerline, 66' AGL/359' MSL.
Tree 1592' from DER, 331' left of centerline, 66' AGL/360' MSL.
Tree 1863' from DER, 988' left of centerline, 75' AGL/370' MSL.
Trees beginning 2572' from DER, 871' left of centerline, up to 381' MSL.
Trees beginning 2704' from DER, 622' left of centerline, up to 102' AGL/390' MSL.

WEEDSPORT, NY

WHITFORDS (B16)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG-A 28FEB19 (19059) (FAA)

TAKEOFF MINIMUMS:

Rwys 10, 28, 300-1.

WELLSVILLE, NY

WELLSVILLE MUNI AIRPORT, TARANTINE FIELD (ELZ)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

DEPARTURE PROCEDURE:

Rwys 10, 28, climb runway heading to 2500 before proceeding on course.

WEST CREEK, NJ

EAGLES NEST (31E)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 1 08NOV18 (18312) (FAA)

TAKEOFF MINIMUMS:

Rwy 14, 300-1 or std. w/min. climb of 470' per NM to 400.

DEPARTURE PROCEDURE:

Rwy 14, climb heading 146° to 600 before turning right.

Rwy 32, climb heading 326° to 800 before turning left.

TAKEOFF OBSTACLE NOTES:

Rwy 14, trees beginning 35' from DER, 35' left of centerline, up to 100' AGL/146' MSL.
Trees beginning 118' from DER, 127' right of centerline, up to 100' AGL/133' MSL.
Trees beginning 752' from DER, 31' left of centerline, up to 100' AGL/150' MSL.
Trees beginning 836' from DER, 20' right of centerline, up to 100' AGL/140' MSL.
Trees beginning 2692' from DER, 27' right of centerline, up to 100' AGL/146' MSL.
Trees beginning 2946' from DER, 28' left of centerline, up to 100' AGL/153' MSL.
Tower and trees beginning 3961' from DER, 82' right of centerline, up to 234' AGL/270' MSL.
Rwy 32, trees beginning 48' from DER, 320' right of centerline, up to 100' AGL/130' MSL.
Tree 133' from DER, 442' left of centerline, 100' AGL/127' MSL.
Trees beginning 343' from DER, 5' left of centerline, up to 100' AGL/130' MSL.
Trees beginning 427' from DER, 50' right of centerline, up to 100' AGL/133' MSL.
Trees beginning 850' from DER, 112' left of centerline, up to 100' AGL/133' MSL.
Trees beginning 1186' from DER, 106' right of centerline, up to 100' AGL/137' MSL.
Trees beginning 1271' from DER, 1' left of centerline, up to 100' AGL/137' MSL.
Trees beginning 1397' from DER, 54' right of centerline, up to 100' AGL/143' MSL.
Trees beginning 3126' from DER, 2' right of centerline, up to 100' AGL/146' MSL.
Trees beginning 4476' from DER, 1532' right of centerline, up to 100' AGL/150' MSL.

WEST MILFORD, NJ

GREENWOOD LAKE (4N1)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 2 09FEB12 (12040) (FAA)

TAKEOFF MINIMUMS:

Rwy 6, std. w/min. climb of 260' per NM to 1700; or, 1300 - 2½ for climb in visual conditions.

Rwy 24, 500 - 2½ ;or, 1300 - 2½ for climb in visual conditions.

DEPARTURE PROCEDURE:

Rwy 6, climb heading 061° to 1700 before proceeding on course, or for climb in visual conditions: cross Greenwood Lake Airport at or above 1900' MSL before proceeding on course. When executing VCOA, notify ATC prior to departure.

Rwy 24, climb heading 241° to 1800 before proceeding on course, or for climb in visual conditions: cross Greenwood Lake Airport at or above 1900' MSL before proceeding on course. When executing VCOA, notify ATC prior to departure.

TAKEOFF OBSTACLE NOTES:

Rwy 6, trees beginning 18' from DER, across centerline, up to 100' AGL/1284' MSL.

Rwy 24, trees beginning 3' from DER, across centerline, up to 100' AGL/1191' MSL.

WESTHAMPTON BEACH, NY

FRANCIS S. GABRESKI (FOK)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 2 31MAY12 (12152) (FAA)

TAKEOFF MINIMUMS:

Rwy 6, 300-1¾ or std. w/ min. climb of 230' per NM to 400, or alternatively, with standard takeoff minimums and a normal 200' per NM climb gradient, takeoff must occur no later than 2000' prior to DER.

TAKEOFF OBSTACLE NOTES:

Rwy 1, terrain and trees beginning 6' from DER, 129' left of centerline, up to 33' AGL/107' MSL.
Trees beginning 1007' from DER, 677' right of centerline, up to 29' AGL/98' MSL.
Rwy 6, trees 1285' from DER, 720' left of centerline, up to 36' AGL/105' MSL.
Pole 2027' from DER, 987' right of centerline, 85' AGL/161' MSL.
Transmission line tower 1.3 NM from DER, 2432' left of centerline, 71' AGL/301' MSL.
Rwy 15, trees beginning 1053' from DER, 496' left of centerline, up to 50' AGL/79' MSL.
Trees beginning 977' from DER, 204' right of centerline, up to 51' AGL/90' MSL.
Rwy 19, poles, buildings, and trees beginning 270' from DER, 219' left of centerline, up to 57' AGL/88' MSL.
Trees 6' from DER, 358' right of centerline, up to 17' AGL/66' MSL.
Rwy 24, sign, building, and trees beginning 37' from DER, 251' left of centerline, up to 75' AGL/115' MSL.
Bushes and trees beginning 6' from DER, 299' right of centerline, up to 12' AGL/61' MSL.
Rwy 33, terrain beginning 53' from DER, 407' left of centerline, up to 67' MSL.
Terrain, runway end identifier light, and trees beginning 52' from DER, 97' right of centerline, up to 29' AGL/103' MSL.

WHEELER-SACK AAF (KGTB)
FORT DRUM, NY
TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES
AMDT 5 27AUG09 (09239)

TAKEOFF MINIMUMS:
Rwy 15, std. with min. climb of 250 ft/NM to 3100.
Rwy 21, std. with min. climb of 250 ft/NM to 3100.

DEPARTURE PROCEDURE:
Rwy 26, climb hdg 263° to 1400 before turning left.

TAKEOFF OBSTACLE NOTES:
Rwy 3: Trees 100' AGL/ 759' MSL, 2467' from DER, 896' left of centerline.
Rwy 8: Trees 62' AGL/747' MSL, 441' from DER, 524' right of centerline.
Trees 62' AGL/747' MSL, 1887' from DER, 125' right of centerline.
Fence line 11' AGL/696' MSL, 314' from DER, 367' right of centerline.
Rwy 15: Trees 60' AGL/747' MSL, 1402' from DER, 535' left of centerline.
Rwy 26: Trees 42' AGL/717' MSL, 1293' from DER, 614' right of centerline.
Trees 13' AGL/688' MSL, 186' from DER, 463' right of centerline.
Rwy 33: Trees 47' AGL/710' MSL, 1224' from DER, 609' right of centerline.

WHITE PLAINS, NY
WESTCHESTER COUNTY (HPN)
TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES
AMDT 8 22JUN17 (17173) (FAA)

TAKEOFF MINIMUMS:
Rwy 29, 300-1½ or std. w/ min. climb of 235' per NM to 700, or alternatively, with std. takeoff minimums and a normal 200' per NM climb gradient, takeoff must occur no later than 2000' prior to DER.

TAKEOFF OBSTACLE NOTES:
Rwy 11, sign 22' from DER, 176' left of centerline, 3' AGL/390' MSL.
Vehicles on road 68' from DER, 167' right of centerline, 390' MSL.
Trees beginning 107' from DER, 379' right of centerline, up to 450' MSL.
Terrain 140' from DER, 248' left of centerline, 392' MSL.
Tree 148' from DER, 511' left of centerline, 472' MSL.
Trees beginning 164' from DER, 78' left of centerline, up to 77' AGL/477' MSL.
Trees beginning 187' from DER, 378' right of centerline, up to 77' AGL/468' MSL.
Trees beginning 379' from DER, 553' right of centerline, up to 99' AGL/482' MSL.
Trees beginning 411' from DER, 6' right of centerline, up to 101' AGL/484' MSL.
Trees beginning 484' from DER, 12' left of centerline, up to 96' AGL/491' MSL.
Tree and building beginning 589' from DER, 98' left of centerline, up to 499' MSL.
Tree and building beginning 599' from DER, 33' left of centerline, up to 104' AGL/502' MSL.
Tree and building beginning 651' from DER, 3' right of centerline, up to 111' AGL/493' MSL.
Trees beginning 703' from DER, 19' left of centerline, up to 507' MSL.
Tree, building, and pole beginning 760' from DER, 4' left of centerline, up to 113' AGL/523' MSL.
Tree 1083' from DER, 666' left of centerline, 526' MSL.
Tree 1099' from DER, 733' left of centerline, 79' AGL/528' MSL.
Tree, building, pole, and flagpole beginning 1100' from DER, 26' left of centerline, up to 530' MSL.
Trees beginning 1434' from DER, 10' left of centerline, up to 87' AGL/532' MSL.
Rwy 16, taxiway light 131' from DER, 499' left of centerline, 1' AGL/384' MSL.
Terrain 273' from DER, 515' left of centerline, 387' MSL.
Trees beginning 999' from DER, 171' left of centerline, up to 109' AGL/436' MSL.
Tree 1096' from DER, 663' right of centerline, 86' AGL/425' MSL.
Trees beginning 1098' from DER, 226' right of centerline, up to 112' AGL/454' MSL.
Building 3433' from DER, 604' left of centerline, 60' AGL/467' MSL.
Rwy 29, tree and REIL beginning 6' from DER, 115' right of centerline, up to 17' AGL/407' MSL.
Tree and pole beginning 22' from DER, 174' right of centerline, up to 23' AGL/416' MSL.
Sign 24' from DER, 252' left of centerline, 3' AGL/398' MSL.
Tree and pole beginning 198' from DER, 478' right of centerline, up to 57' AGL/435' MSL.
Tree 231' from DER, 522' right of centerline, 444' MSL.
Tree 255' from DER, 503' left of centerline, 425' MSL.
Tree and pole beginning 273' from DER, on centerline, up to 80' AGL/452' MSL.
Tree 364' from DER, 462' left of centerline, 433' MSL.
Trees beginning 396' from DER, 226' left of centerline, up to 477' MSL.
Tree 458' from DER, 467' left of centerline, 113' AGL/486' MSL.
Trees beginning 459' from DER, 1' left of centerline, up to 113' AGL/491' MSL.
Tree and pole beginning 771' from DER, 3' left of centerline, up to 98' AGL/494' MSL.
Tree 1562' from DER, 895' left of centerline, 495' MSL.
Trees beginning 1584' from DER, 495' left of centerline, up to 106' AGL/502' MSL.
Tree 1888' from DER, 884' left of centerline, 510' MSL.
Trees beginning 1890' from DER, 504' left of centerline, up to 98' AGL/511' MSL.
Trees beginning 2018' from DER, 485' left of centerline, up to 102' AGL/515' MSL.
Tree 1.1 NM from DER, 878' right of centerline, 86' AGL/600' MSL.
Tree and tank beginning 1.1 NM from DER, 733' right of centerline, up to 602' MSL.
Tree, tower, and tank beginning 1.1 NM from DER, 681' right of centerline, up to 96' AGL/603' MSL.
CON'T

WHITE PLAINS, NY (CON'T)

WESTCHESTER COUNTY (HPN) (CON'T)

Rwy 34, pole 167' from DER, 282' right of centerline, 26' AGL/456' MSL.
Trees beginning 812' from DER, 298' left of centerline, up to 102' AGL/518' MSL.
Trees beginning 1792' from DER, 719' right of centerline, up to 91' AGL/499' MSL.
Trees beginning 2000' from DER, 751' right of centerline, up to 104' AGL/509' MSL.

WILDWOOD, NJ

CAPE MAY COUNTY (WWD)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 3 03AUG06 (06215) (FAA)

TAKEOFF MINIMUMS:

Rwy 10, 300-2 or std. with a min. climb of 260' per NM to 500.

DEPARTURE PROCEDURE:

Rwy 19, climb heading 190° to 700 before turning left.

TAKEOFF OBSTACLE NOTES:

Rwy 1, multiple trees beginning 212' from DER, 187' left of centerline, up to 72' AGL/86' MSL.
Multiple trees beginning 169' from DER, 314' right of centerline, up to 42' AGL/59' MSL.
Road 197' from DER 240' right of centerline, 15' AGL/30' MSL.
Road 265' from DER, on runway centerline, 15' AGL/29' MSL.
Rwy 10, multiple trees beginning 42' from DER, 262' left of centerline, up to 60' AGL/77' MSL.
Multiple trees beginning 1004' from DER, 441' left of centerline, up to 77' AGL/94' MSL.
Tower 1.52 NM from DER, 643' left of centerline, 309' AGL/84' MSL.
Rwy 19, multiple trees beginning 669' from DER, 397' left of centerline, up to 73' AGL/90' MSL.
Multiple trees beginning 1010' from DER, 46' right of centerline, up to 62' AGL/90' MSL.
Fence 80' from DER, 507' right of centerline, 18' AGL/30' MSL.
Rwy 28, multiple trees beginning 74' from DER, 460' left of centerline, up to 70' AGL/84' MSL.
Multiple trees beginning 1235' from DER, 496' right of centerline, up to 74' AGL/88' MSL.

WILLIAMSON/SODUS, NY

WILLIAMSON-SODUS (SDC)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 1 31JUL08 (08213) (FAA)

TAKEOFF MINIMUMS:

Rwy 10, 300-2 or std. w/ min. climb of 427' per NM to 700.

TAKEOFF OBSTACLE NOTES:

Rwy 10, trees beginning 26' from DER, 296' right of centerline, up to 76' AGL/625' MSL.
Trees beginning 257' from DER, 310' left of centerline, up to 56' AGL/655' MSL.
Vehicles on roadway, 339' from DER, 377' right of centerline, 15' AGL/451' MSL.
Pole 360' from DER, 122' left of centerline, 29' AGL/448' MSL.
Pole 362' from DER, 85' right of centerline, 31' AGL/450' MSL.
Silo 409' from DER, 466' left of centerline, 40' AGL/459' MSL.
Antenna 1.5 NM from DER, 662' left of centerline, 100' AGL/659' MSL.
Antenna 1.6 NM from DER, 400' left of centerline, 106' AGL/715' MSL.
Rwy 28, trees beginning abeam DER, 188' left of centerline, up to 110' AGL/549' MSL.
Trees beginning 72' from DER, 266' right of centerline, up to 93' AGL/522' MSL.
Building 204' from DER, 271' right of centerline, 12' AGL/441' MSL.
Fence 312' from DER, 59' left of centerline, 6' AGL/435' MSL.
Pole 338' from DER, 271' left of centerline, 32' AGL/461' MSL.
Vehicles on roadway 357' from DER, 382' left of centerline, 15' AGL/460' MSL.
Building 497' from DER, 339' left of centerline, 21' AGL/450' MSL.

WOODBINE, NJ

WOODBINE MUNI (OBI)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 2 27AUG09 (09239) (FAA)

TAKEOFF OBSTACLE NOTES:

Rwy 1, trees beginning 182' from DER, 284' left of centerline up to 100' AGL/134' MSL.
Trees beginning 38' from DER, 290' right of centerline up to 100' AGL/144' MSL.
Train 387' from DER, 596' left of centerline up to 23' AGL/57' MSL.
Rwy 13, trees beginning 4' from DER, 277' left of centerline up to 100' AGL/134' MSL.
Trees beginning 2395' from DER, 865' right of centerline up to 100' AGL/134' MSL.
Rwy 19, trees beginning 4' from DER, 284' left of centerline up to 100' AGL/129' MSL.
Trees beginning 178' from DER, 212' right of centerline up to 100' AGL/124' MSL.
Rwy 31, trees beginning 261' from DER, 529' right of centerline up to 100' AGL/144' MSL.
Trees beginning 107' from DER, 288' left of centerline up to 100' AGL/144' MSL.
Railroad 900' from DER left to right 23' AGL/63' MSL.

WURTSBORO, NY

WURTSBORO-SULLIVAN COUNTY (N82)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 2 06DEC18 (18340) (FAA)

TAKEOFF MINIMUMS:

Rwys 5, 9, 14, 18, 27, 32, 36, NA – Obstacles.

Rwy 23, std. w/min. climb of 365' per NM to 1900 or 2000-3 for VCOA.

DEPARTURE PROCEDURE:

Rwy 23, climb heading 228° to 2100 before proceeding on course.

VCOA:

Rwy 23, obtain ATC approval for VCOA when requesting IFR clearance. Climb in visual conditions to cross Wurtsboro-Sullivan County airport at or above 2400 before proceeding on course.

TAKEOFF OBSTACLE NOTES:

Rwy 23, terrain 32' from DER, 187' right of centerline, 549' MSL.
Tree, pole beginning 80' from DER, 20' left of centerline, up to 650' MSL.
Tree 125' from DER, 87' right of centerline, 567' MSL.
Tree 160' from DER, 210' right of centerline, 576' MSL.
Trees beginning 169' from DER, 352' right of centerline, up to 641' MSL.
Tree, building, pole beginning 224' from DER, 526' right of centerline, up to 648' MSL.
Trees beginning 2527' from DER, 583' right of centerline, up to 662' MSL.
Trees beginning 3392' from DER, 490' right of centerline, up to 664' MSL.
Trees beginning 3590' from DER, 451' right of centerline, up to 669' MSL.
Trees beginning 3755' from DER, 1192' right of centerline, up to 680' MSL.
Tree 3938' from DER, 1364' right of centerline, 686' MSL.
Trees beginning 3951' from DER, 1215' right of centerline, up to 689' MSL.
Trees beginning 4510' from DER, 1411' right of centerline, up to 693' MSL.
Tree 4795' from DER, 1738' right of centerline, 709' MSL.
Trees beginning 4801' from DER, 1371' right of centerline, up to 100' AGL/727' MSL.
Trees beginning 5694' from DER, 1749' right of centerline, up to 100' AGL/783' MSL.
Trees beginning 1 NM from DER, 1818' right of centerline, up to 784' MSL.
Trees beginning 1 NM from DER, 1962' right of centerline, up to 100' AGL/793' MSL.
Trees beginning 1.5 NM from DER, 2627' right of centerline, up to 793' MSL.
Trees beginning 1.5 NM from DER, 2731' right of centerline, up to 811' MSL.
Trees beginning 1.5 NM from DER, 2958' right of centerline, up to 820' MSL.
Trees beginning 1.6 NM from DER, 2781' right of centerline, up to 100' AGL/852' MSL.
Trees beginning 1.6 NM from DER, 2966' right of centerline, up to 100' AGL/858' MSL.
Trees beginning 1.6 NM from DER, 2789' right of centerline, up to 100' AGL/904' MSL.
Trees beginning 1.7 NM from DER, 2796' right of centerline, up to 100' AGL/931' MSL.
Trees beginning 1.7 NM from DER, 2804' right of centerline, up to 100' AGL/957' MSL.
Tree 2 NM from DER, 3823' left of centerline, 885' MSL.
Tree 2 NM from DER, 3807' left of centerline, 891' MSL.
Tree 2.1 NM from DER, 3818' left of centerline, 899' MSL.
Trees beginning 2.1 NM from DER, 3875' left of centerline, up to 928' MSL.
Tree 2.3 NM from DER, 4245' left of centerline, 100' AGL/940' MSL.
Trees beginning 2.3 NM from DER, 3606' right of centerline, up to 100' AGL/960' MSL.
Trees beginning 2.4 NM from DER, 4052' left of centerline, up to 100' AGL/980' MSL.
Trees beginning 2.4 NM from DER, 4044' left of centerline, up to 100' AGL/1039' MSL.

NE-2, 10 SEP 2020 to 05 NOV 2020

INSTRUMENT APPROACH PROCEDURE CHARTS

IFR ALTERNATE AIRPORT MINIMUMS

Standard alternate minimums for non-precision approaches and approaches with vertical guidance [NDB, VOR, LOC, TACAN, LDA, SDF, VOR/DME, ASR, RNAV (GPS) or RNAV (RNP)] are 800-2. Standard alternate minimums for precision approaches (ILS, PAR, or GLS) are 600-2. Airports within this geographical area that require alternate minimums other than standard or alternate minimums with restrictions are listed below. NA - means alternate minimums are not authorized due to unmonitored facility, absence of weather reporting service, or lack of adequate navigation coverage. Civil pilots see FAR 91. IFR Alternate Minimums: Ceiling and Visibility Minimums not applicable to USA/USN/USAF. Pilots must review the IFR Alternate Minimums Notes for alternate airfield suitability.

NAME — ALTERNATE MINIMUMS

ALBANY, NY

ALBANY INTL (ALB)…….....……..**ILS or LOC Rwy 1[1]**
ILS or LOC Rwy 19[2]
RNAV (GPS) Rwy 10[3]
RNAV (GPS) Rwy 28[3]
RNAV (GPS) Y Rwy 1[3]
RNAV (GPS) Y Rwy 19[3]
VOR Rwy 28[3]

[1]ILS, LOC, Category D, 800-2¼.
[2]ILS, Category D, 700-2¼;
LOC, Category D, 800-2¼.
[3]Category D, 800-2¼.

ANDOVER, NJ

AEROFLEX-
ANDOVER (12N)…….**RNAV (GPS) Rwy 3**
VOR-A

NA when local weather not available.
Category A, 1000-2.

ATLANTIC CITY, NJ

ATLANTIC CITY
INTL (ACY)……..**ILS or LOC Rwy 13[1]**
ILS or LOC/DME Rwy 31[1]
RADAR-1[2]
RNAV (GPS) Rwy 4[2]
RNAV (GPS) Y Rwy 13[2]
RNAV (GPS) Rwy 22[2]
RNAV (GPS) Y Rwy 31[2]
VOR/DME Rwy 22[2]
VOR Rwy 4[2]
VOR Rwy 13[2]
VOR Rwy 31[2]

[1]ILS, Category E, 700-2½. LOC, Category E, 800-2½.
[2]Category E, 800-2½.

BELMAR/FARMINGDALE, NJ

MONMOUTH
EXECUTIVE (BLM)…...……...**RNAV (GPS) Rwy 14**
RNAV (GPS) Rwy 32
VOR-A

NA when local weather not available.

NAME — ALTERNATE MINIMUMS

BINGHAMTON, NY

GREATER BINGHAMTON/EDWIN A.
LINK FIELD (BGM)……**ILS or LOC Rwy 16[1]**
ILS or LOC Rwy 34[1]
RNAV (GPS) Rwy 10
RNAV (GPS) Rwy 16
RNAV (GPS) Rwy 28
RNAV (GPS) Rwy 34

NA when local weather not available.
[1]NA when control tower closed.

CALDWELL, NJ

ESSEX COUNTY (CDW)…….**RNAV (GPS) Rwy 4[1]**
RNAV (GPS) Rwy 10[1]
RNAV (GPS) Rwy 22[23]

[1]Category B, 900-2; Category C, 1000-2¾;
Category D, 1300-3.
[2]Category B, 900-2; Category C, 1000-2¾.
[3]NA when local weather not available.

CORTLAND, NY

CORTLAND COUNTY-CHASE
FIELD (N03)…….....**RNAV (GPS) Rwy 6[1]**
RNAV (GPS) Rwy 24[1]
VOR-A[2]

NA when local weather not available.
[1]Category C, 1100-3.
[2]Categories A, B, 1100-2, Category C, 1200-3.

DANSVILLE, NY

DANSVILLE MUNI (DSV)……...**RNAV (GPS)-A[1]**
RNAV (GPS) Rwy 14

[1]NA when local weather not available.
Category A, 1300-2; Category B, 1500-2;
Category C, 1500-3.

NAME — ALTERNATE MINIMUMS

DUNKIRK, NY
CHAUTAUQUA COUNTY/
DUNKIRK (DKK)……**RNAV (GPS)-A**[1]
RNAV (GPS)-B[1]
RNAV (GPS) Rwy 15[1]
RNAV (GPS) Rwy 33[2]
NA when local weather not available.
[1]Category C, 1000-2¾; Category D, 1500-3.
[2]Categories A, B, 1200-2; Category C, 1200-3; Category D, 1500-3.

EAST HAMPTON, NY
EAST HAMPTON (HTO)…..**RNAV (GPS) Y Rwy 28**
Category D, 800-2½.

ELMIRA/CORNING, NY
ELMIRA/CORNING
RGNL (ELM)……**ILS or LOC Rwy 6**[15]
ILS or LOC Rwy 24[13]
RNAV (GPS) Rwy 6[4]
RNAV (GPS) Rwy 10[2]
RNAV (GPS) Rwy 24[4]
RNAV (GPS) Rwy 28[4]
NA when local weather not available.
[1]NA when control tower closed.
[2]Categories A, B, 1500-2, Categories C, D, 1500-3.
[3]Categories A, B, 1200-2; Category C, 1200-3, Category D, 1300-3.
[4]Categories A, B, 1200-2; Category C, 1200-3; Category D, 1300-3.
[5]Categories A, B, 1400-2; Categories C, D, 1400-3.

FARMINGDALE, NY
REPUBLIC (FRG)……**ILS or LOC Rwy 14**[12]
RNAV (GPS) Rwy 1
RNAV (GPS) Y Rwy 14
RNAV (GPS) Rwy 19
RNAV (GPS) Rwy 32
NA when local weather not available.
[1]NA when control tower closed.
[2]Categories C, D, 700-2.

FULTON, NY
OSWEGO
COUNTY (FZY)……**RNAV (GPS) Rwy 15**
RNAV (GPS) Rwy 24
RNAV (GPS) Rwy 33
NA when local weather not available.

GLENS FALLS, NY
FLOYD BENNETT
MEMORIAL (GFL)……**ILS or LOC Rwy 1**[1]
RNAV (GPS) Rwy 1[24]
RNAV (GPS) Rwy 19[34]
RNAV (GPS) Rwy 30[2]
[1]LOC, Category D, 1200-3.
[2]Category D, 1700-3.
[3]Category D, 1100-3.
[4]NA when local weather not available.

ITHACA, NY
ITHACA TOMPKINS
RGNL (ITH)……**ILS or LOC Rwy 32**[123]
RNAV (GPS) Y Rwy 14[14]
RNAV (GPS) Z Rwy 14[1]
RNAV (GPS) Rwy 32[5]
[1]NA when local weather not available.
[2]NA when tower closed.
[3]LOC, Categories A, B, 1000-2; Category C, 1000-2¾, Category D, 1400-3.
[4]Category D, 800-2¼.
[5]Categories A, B, 1300-2; Categories C, D, 1300-3.

JAMESTOWN, NY
CHAUTAUQUA COUNTY/
JAMESTOWN (JHW)……**RNAV (GPS) Rwy 7**
RNAV (GPS) Rwy 25
NA when local weather not available.

MASSENA, NY
MASSENA INTL-RICHARDS
FIELD (MSS)……**RNAV (GPS) Rwy 5**
RNAV (GPS) Rwy 9
RNAV (GPS) Rwy 23
RNAV (GPS) Rwy 27
Category D, 800-2¼.

MILLVILLE, NJ
MILLVILLE MUNI (MIV)……**ILS or LOC Rwy 10**[1]
RNAV (GPS) Rwy 10
VOR-A
NA when local weather not available.
[1]ILS, LOC, Categories A, B, 900-2; Category C, 900-2¾, Category D, 900-3.

MONTGOMERY, NY
ORANGE
COUNTY (MGJ)….....**RNAV (GPS) Rwy 4**[1]
RNAV (GPS) Rwy 8[2]
RNAV (GPS) Rwy 22[3]
RNAV (GPS) Rwy 26[3]
VOR Rwy 8[3]
[1]Categories A, B, 900-2; Category C, 900-2¼; Category D, 900-2¾.
[2]Categories A, B, 800-2½; Category C, 900-2½; Category D, 900-2¾.
[3]Categories A, B, 900-2; Category C, 900-2½; Category D, 900-2¾.

MONTICELLO, NY
SULLIVAN COUNTY
INTL (MSV)……**ILS or LOC Rwy 15**[12]
RNAV (GPS) Rwy 15
RNAV (GPS) Rwy 33
NA when local weather not available.
[1]NA when MSV ACTC closed.
[2]LOC, Category D, 800-2½.

NAME ALTERNATE MINIMUMS

MORRISTOWN, NJ

MORRISTOWN
MUNI (MMU)……**ILS or LOC Rwy 23**[12]
RNAV (GPS) Rwy 5[3]
RNAV (GPS) Z Rwy 23[3]
NA when local weather not available.
[1]NA when tower closed.
[2]LOC, Category C, 900-2½, Category D, 1100-3.
[3]Category C, 900-2½, Category D, 1100-3.

MOUNT HOLLY, NJ

SOUTH JERSEY
RGNL (VAY)……**RNAV (GPS) Rwy 8**
NA when local weather not available.

NEW YORK, NY

JOHN F KENNEDY
INTL (JFK)……**ILS or LOC Rwy 22L**[1]
ILS or LOC Rwy 22R[1]
RNAV (GPS) Z RWY 13L[2]
VOR or GPS Rwy 13L/R, 1000-3
[1]NA when local weather not available.
[2]Categories A, B, C, D, 1300-4.

LAGUARDIA (LGA)……**ILS or LOC Rwy 4**[1]
ILS or LOC Rwy 13[1]
ILS or LOC Rwy 22[1]
LDA-A[2]
LOC Rwy 31[2]
RNAV (GPS)-B[2]
RNAV (GPS) Rwy 13[3]
RNAV (GPS) Y Rwy 4[2]
RNAV (GPS) Y Rwy 22[2]
RNAV (GPS) Y Rwy 31[2]
VOR Rwy 4[2]
[1]LOC, Categories C, D, 1100-3.
[2]Categories C, D, 1100-3.
[3]Category C, 1100-3; Category D, 1300-3.

LONG ISLAND
MAC ARTHUR (ISP)……**ILS or LOC Rwy 6**[124]
ILS or LOC Rwy 24[123]
RNAV (GPS) Rwy 6[14]
RNAV (GPS) Rwy 15R[14]
RNAV (GPS) Rwy 24[4]
RNAV (GPS) Rwy 33L[14]
[1]NA when local weather not available.
[2]NA when control tower closed.
[3]LOC, Category D, 900-2¾.
[4]Category D, 900-2¾.

NEW YORK STEWART
INTL (SWF)……**LS or LOC Rwy 9**[1]
ILS or LOC Rwy 27[1]
RNAV (GPS) Rwy 9[2]
RNAV (GPS) Rwy 16[2]
RNAV (GPS) Rwy 27[2]
RNAV (GPS) Rwy 34[2]
[1]ILS, Categories A, B, C, 800-2, Category D, 800-2¼; LOC, Category D, 800-2¼.
[2]Category D, 800-2¼.

NAME ALTERNATE MINIMUMS

NEWARK, NJ

NEWARK LIBERTY
INTL (EWR)……**ILS or LOC Rwy 4L**[5]
ILS or LOC Rwy 4R[5]
ILS or LOC Rwy 11[1]
ILS or LOC Rwy 22L[1]
ILS or LOC Rwy 22R[5]
RNAV (GPS) Rwy 4L[4]
RNAV (GPS) Y Rwy 4R[4]
RNAV (GPS) Rwy 11[2]
RNAV (GPS) Z Rwy 22L[4]
RNAV (GPS) Rwy 22R[2]
RNAV (GPS) X Rwy 29[4]
VOR Rwy 11[3]
[1]ILS, Categories A, B, C, 800-2; Category D, 900-3. LOC, Category D, 900-3.
[2]Category D, 900-3.
[3]Categories A, B, 1000-2; Categories C, D, 1000-3.
[4]Category B, 900-2; Category C, 900-2¾; Category D, 900-3.
[5]ILS, Category A, 800-2; Category B, 900-2; Category C, 900-2¾; Category D, 900-3; LOC, Category B, 900-2; Category C, 900-2¾; Category D, 900-3.

NIAGARA FALLS, NY

NIAGARA FALLS
INTL (IAG)……**ILS Y or LOC Y Rwy 28R**[12]
ILS Z or LOC Z Rwy 28R[12]
NDB Rwy 28R[13]
RNAV (GPS) Rwy 6[3]
RNAV (GPS) Rwy 10L[3]
RNAV (GPS) Y Rwy 24[4]
RNAV (GPS) Z Rwy 24[3]
RNAV (GPS) Rwy 28R[3]
TACAN Rwy 28R[15]
NA when local weather not available.
[1]NA when control tower closed.
[2]ILS, LOC, Category D, 800-2¼.
[3]Category D, 800-2¼.
[4]Category C, 800-2¼; Category D, 800-2½.
[5]Category D, 800-2½, Category E 800-2¾.

OGDENSBURG, NY

OGDENSBURG
INTL (OGS)……**RNAV (GPS) Rwy 9**
Category D, 800-2¼.

PENN YAN, NY

PENN YAN (PEO)……**RNAV (GPS) Rwy 1**[1]
RNAV (GPS) Rwy 19[2]
NA when local weather not available.
[1]Categories A, B, 900-2; Category C, 900-2¼; Category D, 900-2½.
[2]Category D, 800-2½.

NAME ALTERNATE MINIMUMS

PITTSTOWN, NJ
SKY MANOR (N40)……..…**RNAV (GPS) Rwy 7**
RNAV (GPS) Rwy 25
VOR Rwy 7
NA when local weather not available.

PLATTSBURGH, NY
PLATTSBURGH
INTL (PBG)……**ILS or LOC Rwy 35[1]**
RNAV (GPS) Rwy 35[23]
[1]ILS, LOC, Category D, 800-2¼.
[2]Category D, 800-2¼.
[3]NA when local weather not available.

POTSDAM, NY
POTSDAM MUNI/DAMON
FIELD (PTD)……....**RNAV (GPS) Rwy 24**
NA when local weather not available.

POUGHKEEPSIE, NY
HUDSON VALLEY
RGNL (POU)……...…..**ILS or LOC Rwy 6[12]**
RNAV (GPS) Rwy 6[36]
RNAV (GPS) Rwy 24[46]
VOR-A[36]
VOR Rwy 24[56]
[1]LOC, NA when control tower closed.
[2]LOC, Category D, 800-2¼.
[3]Category D, 800-2¼.
[4]Category C, 800-2¼; Category D, 800-2½.
[5]Categories C, D, 800-2½.
[6]NA when local weather not available.

ROCHESTER, NY
GREATER ROCHESTER
INTL (ROC)……**ILS or LOC Rwy 4[3]**
ILS or LOC Rwy 22[3]
ILS or LOC Rwy 28[1]
RNAV (GPS) Rwy 4[2]
RNAV (GPS) Rwy 7[2]
RNAV (GPS) Rwy 10[2]
RNAV (GPS) Rwy 22[2]
RNAV (GPS) Rwy 25[2]
RNAV (GPS) Rwy 28[2]
VOR Rwy 4[2]
[1]ILS, Categories A, B, 700-2; Category C, 1000-2¾; Category D, 1000-3. LOC, Category C, 1000-2¾; Category D, 1000-3.
[2]Category C, 1000-2¾; Category D, 1000-3.
[3]ILS, LOC, Category C, 1000-2¾; Category D, 1000-3.

ROME, NY
GRIFFISS INTL (RME)..……**ILS or LOC Rwy 33[12]**
RNAV (GPS) Rwy 15[34]
RNAV (GPS) Rwy 33[5]
[1]NA when control tower closed.
[2]LOC, Category C, 900-2¾; Category D, 1200-3.
[3]Category D, 800-2½.
[4]NA when local weather not available.
[5]Category C, 900-2¾; Category D, 1200-3.

NAME ALTERNATE MINIMUMS

SARANAC LAKE, NY
ADIRONDACK
RGNL (SLK)…….....…...**ILS or LOC Rwy 23[1]**
RNAV (GPS) Rwy 5[2]
RNAV (GPS) Rwy 9[2]
RNAV (GPS) Rwy 23[3]
[1]LOC, Categories A, B, 1000-2; Category C, 1000-3; Category D, 1100-3.
[2]Category A, 900-2; Category B, 1000-2; Category C, 1000-3; Category D, 1100-3.
[3]Categories A, B, 1000-2; Category C, 1000-3; Category D, 1100-3.

SHIRLEY, NY
BROOKHAVEN (HWV)...……..**RNAV (GPS)-A**
RNAV (GPS) Rwy 6
RNAV (GPS) Rwy 15
RNAV (GPS) Rwy 33
VOR Rwy 6
NA when local weather not available.

SOMERVILLE, NJ
SOMERSET (SMQ)...……**RNAV (GPS) Rwy 30[2]**
VOR Rwy 8[1]
[1]NA when local weather not available.
[2]Categories A, B, 900-2.

SUSSEX, NJ
SUSSEX (FWN)..……**RNAV (GPS) Rwy 3[1]**
VOR-A[2]
NA when local weather not available.
[1]Categories A, B, 900-2; Category C, 900-2½.
[2]Categories A, B, 1400-2; Category C, 1400-3.

SYRACUSE, NY
SYRACUSE HANCOCK
INTL (SYR)…….....**ILS or LOC Rwy 10[1]**
ILS or LOC Rwy 28[1]
RNAV (GPS) Rwy 15[2]
RNAV (GPS) Rwy 33[2]
RNAV (GPS) Z Rwy 10[2]
TACAN Rwy 33[2]
NA when local weather not available.
[1]LOC, Category D, 800-2½.
[2]Category D, 800-2½.

NAME ALTERNATE MINIMUMS

TETERBORO, NJ

TETERBORO (TEB)……**ILS or LOC Rwy 6**[1]
ILS or LOC RWY 19[23]
RNAV (GPS) Rwy 24[24]
RNAV (GPS) X Rwy 6[4]
RNAV (GPS) Y Rwy 6[5]
RNAV (GPS) Y Rwy 19[26]
RNAV (RNP) Z Rwy 6, 800-2¼
VOR/DME-B[7]
VOR/DME Rwy 6[5]
VOR Rwy 24[8]

[1]ILS, Categories A, B, 800-2; Category C, 800-2¼; Category D, 900-2¾. LOC, Category C, 800-2¼; Category D, 900-2¾.
[2]NA when local weather not available.
[3]LOC, Category C, 900-2½; Category D, 1100-3.
[4]Category C, 900-2½; Category D, 1100-3.
[5]Category C, 800-2¼; Category D, 900-2¾.
[6]Categories A, B, C, D, 1100-4.
[7]Categories A, B, 1000-2; Categories C, D, 1000-3.
[8]Categories B, C, D, 1000-3.

TRENTON, NJ

TRENTON MERCER (TTN)……...**ILS or LOC Rwy 6**[1]
RNAV (GPS) Rwy 16[2]
RNAV (GPS) Rwy 34[2]
RNAV (GPS) Z Rwy 6[2]
RNAV (GPS) Z Rwy 24[23]
VOR or GPS-A[2]

[1]LOC, Category D, 800-2½.
[2]Category D, 800-2½.
[3]NA when local weather not available.

WATERTOWN, NY

WATERTOWN INTL (ART)……**ILS or LOC Rwy 7**[1]
RNAV (GPS) Rwy 7[2]
RNAV (GPS) Rwy 10[2]
RNAV (GPS) Rwy 28[23]
VOR Rwy 7[4]

[1]ILS, Categories A, B, C, 700-2; Category D 800-2½; LOC, Category D, 800-2½.
[2]Category D, 800-2½.
[3]NA when local weather not available.
[4]Category D, 800-2¼.

WELLSVILLE, NY

WELLSVILLE MUNI ARPT, TARANTINE FIELD (ELZ)……...**RNAV (GPS) Rwy 10**
RNAV (GPS) Rwy 28

Category C, 800-2¼; Category D, 1000-3.

NAME ALTERNATE MINIMUMS

WESTHAMPTON BEACH, NY

FRANCIS S. GABRESKI (FOK)……**ILS or LOC Rwy 24**[12]
RNAV (GPS) Rwy 6[3]
RNAV (GPS) Rwy 24[3]

[1]NA when control tower closed.
[2]ILS, Category C, 700-2, Category D, 700-2¼; LOC, Category D, 800-2¼.
[3]NA when local weather not available.

WHEELER-SACK AAF (KGTB)

FORT DRUM, NY……**RNAV (GPS) Rwy 15**
RNAV (GPS) Rwy 33

Category D, 800-2½.

WHITE PLAINS, NY

WESTCHESTER COUNTY (HPN)……**ILS or LOC Rwy 16**[12]
ILS or LOC Rwy 34[13]
RNAV (GPS) Y Rwy 16[4]
RNAV (GPS) Y Rwy 34[4]

[1]NA when control tower closed.
[2]ILS, Categories A, B, C, 700-2; Category D, 800-2½; LOC, Category D, 800-2½.
[3]ILS, Category C, 700-2; Category D, 800-2½; LOC, Category D, 800-2½.
[4]Category D, 800-2½.

WILDWOOD, NJ

CAPE MAY COUNTY (WWD)……**RNAV (GPS) Rwy 1**
RNAV (GPS) Rwy 10
RNAV (GPS) Rwy 19
RNAV (GPS) Rwy 28
VOR-A

Category D, 1000-3.

ATLANTIC CITY, NJ

Amdt 16, 04FEB16 (16035) (FAA) ELEV **75**

ATLANTIC CITY INTL (ACY)

RADAR-1 124.6 327.125 T A

	RWY	GP/TCH/RPI	CAT	DA/ MDA-VIS	HAT/ HAA	CEIL-VIS	CAT	DA/ MDA-VIS	HAT/ HAA	CEIL-VIS
ASR	13		AB	**480**/24	405	(500-½)	CDE	**480**/40	405	(500-¾)
	4		AB	**480**-1	412	(500-1)	CDE	**480**-1⅛	412	(500-1⅛)
	31		AB	**480**/55	416	(500-1¼)	CDE	**480**/60	416	(500-1¼)
	22		AB	**560**-1	492	(500-1)	CDE	**560**-1⅜	492	(500-1⅜)
C CIRCLING	ALL RWY		A	**560**-1	465	(500-1)	B	**600**-1	525	(600-1)
			C	**620**-1½	545	(600-1½)	D	**640**-2	565	(600-2)
			E	**760**-2½	685	(700-2½)				

For inoperative MALSR, increase ASR S-13 CAT C/D/E visibility to RVR 6000.
Rwy 4 helicopter visibility reduction below ¾ SM not authorized.

NE-2, 10 SEP 2020 to 05 NOV 2020

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

NJ (Amdt 1, 18032 USAF) ELEV **141**

RADAR (E) - 119.05 120.0 269.025 T

	RWY	GS/TCH/RPI	CAT	DH/ MDA-VIS	HAT/ HATh/ HAA	CEIL-VIS
PAR	18[1]	3.0°/51/950	ABCDE	**322**-¾	200	(200-¾)
	36	3.0°/46/950	ABCDE	**429**-1	300	(300-1)

No-NOTAM MP: 0400-1100Z++ Mon-Fri, (by NOTAM if required).
PAR apch avbl 1200-0200Z++ Mon-Fri.
[1]Rwy 18, VGSI and PAR glidepaths not coincident.

NE-2, 10 SEP 2020 to 05 NOV 2020

WHEELER-SACK AAF (KGTB), NY (Fort Drum) (1-Amdt 1, 2-Orig-A 20030 USA) ELEV **690**

RADAR[1]**-** 124.875 257.6

	RWY	GS/TCH/RPI	CAT	DH/ MDA-VIS	HAT/ HATh/ HAA	CEIL-VIS
RADAR-1						
PAR	3[2 3]	3.0°/54/1038	ABCDE	**885**-½	200	(200-½)
	21[2 3]	3.0°/58/1106	ABCDE	**877**-½	200	(200-½)
	33[4]	3.0°/49/938	AB	**938**-¾	250	(300-¾)
			CDE	**938**-1	250	(300-1)
RADAR-2						
ASR	21[5]		AB	**1020**-½	343	(400-½)
			CDE	**1020**-¾	343	(400-¾)
	15[6]		AB	**1100**-½	413	(500-½)
			CD	**1100**-¾	413	(500-¾)
			E	**1100**-1	413	(500-1)
	33[4]		AB	**1140**-1	450	(500-1)
			C	**1140**-1¼	450	(500-1¼)
			DE	**1140**-1½	450	(500-1½)
	3[7]		AB	**1240**-½	555	(600-½)
			C	**1240**-1	555	(600-1)
			D	**1240**-1¼	555	(600-1¼)
			E	**1240**-1½	555	(600-1½)
CIR[8]	ALL RWY		AB	**1240**-1	550	(600-1)
			C	**1240**-1½	550	(600-1½)
			D	**1240**-2	550	(600-2)
			E	**1520**-3	830	(900-3)

[1]Opr 1500-0400Z++ Mon-Fri exc federal hol.
[2]When ALS inop, increase CAT ABCDE vis to ¾ mile.
[3]VGSI and PAR glide path not coincident.
[4]Visibility reduction by helicopters NA.
[5]When ALS inop, increase CAT ABC vis to 1 mile, CAT DE vis to 1¼ miles.
[6]When ALS inop, increase CAT AB vis to 1 mile, CAT CD vis to 1¼ miles, CAT E vis to 1½ miles.
[7]When ALS inop, increase CAT AB vis to 1 mile, CAT C vis to 1½ miles, CAT D vis to 1¾ miles, CAT E vis to 2 miles.
[8]Circling not authorized E of Rwy 21 and 33. Circling not authorized for CAT E to Rwy 8-26 and Rwy 15-33. Circling not authorized for CAT B, C, and D to Rwy 8.

19283

LAND AND HOLD-SHORT OPERATIONS (LAHSO)

LAHSO is an acronym for "Land and Hold-Short Operations." These operations include landing and holding short of an intersection runway, an intersecting taxiway, or other predetermined points on the runway other than a runway or taxiway. Measured distance represents the available landing distance on the landing runway, in feet.

Specific questions regarding these distances should be referred to the air traffic manager of the facility concerned. The Aeronautical Information Manual contains specific details on hold-short operations and markings.

CITY/AIRPORT	LDG RWY	HOLD-SHORT POINT	AVBL LDG DIST
ALBANY, NY			
ALBANY INTL (ALB)	01	10-28	4,150 feet
	28	01-19	3,757 feet
ATLANTIC CITY, NJ			
ATLANTIC CITY INTL (ACY)	04	13-31	3,550 feet
	13	04-22	3,600 feet
	31	04-22	5,750 feet
FARMINGDALE, NY			
REPUBLIC (FRG)	32	01-19	3,650 feet
NEW YORK, NY			
LONG ISLAND			
MAC ARTHUR (ISP)	06	15R-33L	4,200 feet
	33R	06-24	3,000 feet
NEWARK, NJ			
NEWARK LIBERTY INTL (EWR)	11	04R-22L	5,700 feet
	04L	11-29	7,750 feet
	04R	11-29	8,100 feet
TETERBORO, NJ			
TETERBORO (TEB)	01	06-24	4,550 feet
	06	01-19	3,750 feet
WHITE PLAINS, NY			
WESTCHESTER COUNTY (HPN)	11	16-34	2,500 feet
	16	11-29	4,000 feet

NE-2, 10 SEP 2020 to 05 NOV 2020

19283

O1

20198

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*
ALBANY, NY		
ALBANY INTL (ALB)	HS 1	Maintain vigilance Twy A and Twy C complex int in close proximity to Rwy 10-28.
ATLANTIC CITY, NJ		
ATLANTIC CITY INTL (ACY)	HS 1	Rwy 13-31 at Twy A and Rwy 04-22 at Twy B.
BINGHAMTON, NY		
GREATER BINGHAMTON/ EDWIN A LINK FIELD (BGM)	HS 1	Maintain vigilance int in close proximity to Rwy 28 and Rwy 34.
BUFFALO, NY		
BUFFALO NIAGARA INTL (BUF)	HS 1	Maintain vigilance Twy D & Twy A waiver for ATC crossings.
CALDWELL, NJ		
ESSEX COUNTY (CDW)	HS 1	Twy N and Twy P close proximity to Rwy 28.
NEWARK, NJ		
NEWARK LIBERTY INTL (EWR)	HS 1	Acft taxig NB via Twy P turng WB onto Twy Z will immediately reach Rwy 04L-22R hold line.
	HS 2	Southbound tfc Twy Z5 and Twy Z6, and Rwy 11-29 and Twy Z.
NEW YORK, NY		
LA GUARDIA (LGA)	HS 1	Int of rwys and Twy G, Twy P, Twy R, Twy S.
	HS 2	Exiting Rwy 04 at Twy Q.
NEW YORK STEWART INTL (SWF)	HS 1	Twy A and Twy C.
	HS 2	Maintain vigilance high traffic area in GA ramp.
ROCHESTER, NY		
GREATER ROCHESTER INTL (ROC)	HS 1	Adjacent thresholds.
SYRACUSE, NY		
SYRACUSE HANCOCK INTL (SYR)	HS 1	Ramp area exits in close proximity to rwy.
	HS 2	Twy B, Twy E, and Twy F at Twy A.
TETERBORO, NJ		
TETERBORO (TEB)	HS 1	Twy L at int of Rwy 06-24.
	HS 2	Twy G at int of Rwy 06-24
WRIGHTSTOWN, NJ		
MC GUIRE FLD (JOINT BASE MC GUIRE DIX LAKEHURST) (WRI)	HS 1	Aircraft 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	Aircraft southwest bound on Twy G may be required to hold short of Rwy 36 Apch Zone when Rwy 36 or Rwy 18 in use.

*See appropriate Chart Supplement HOT SPOT table for additional information.

20198

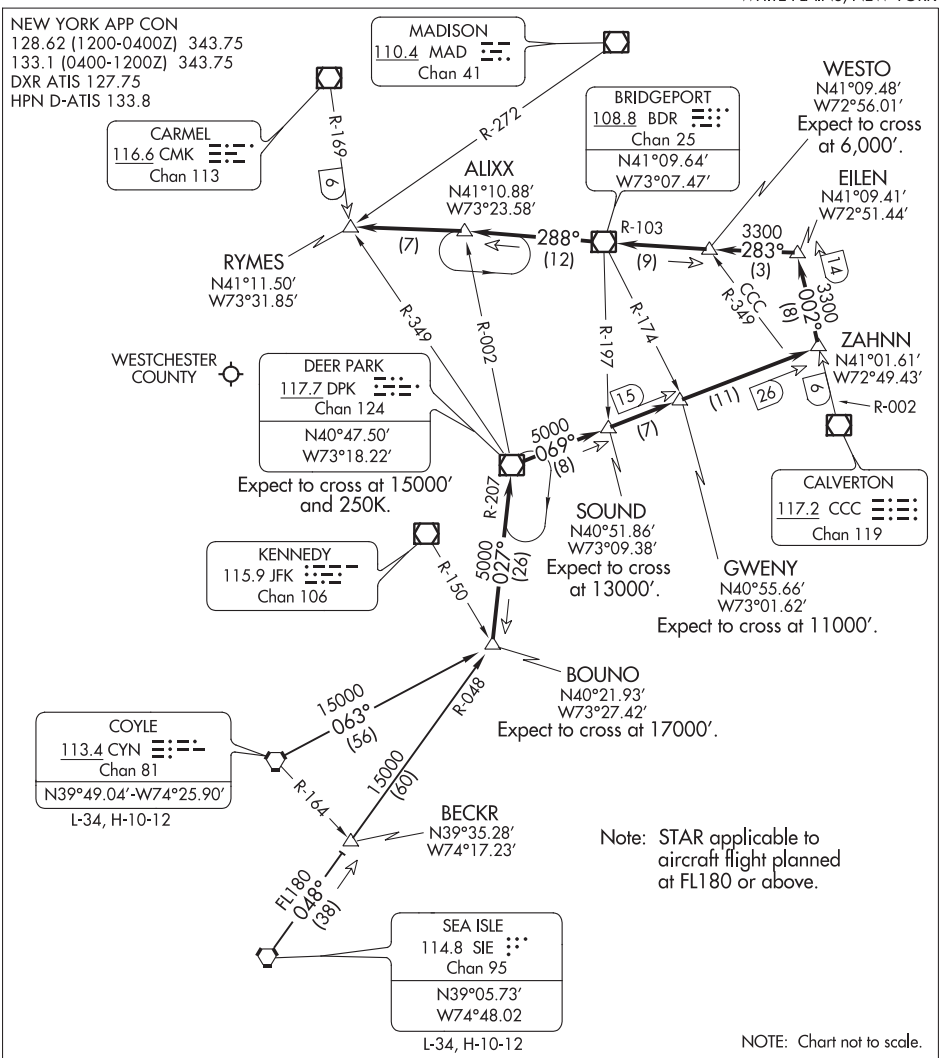
NE-2, 10 SEP 2020 to 05 NOV 2020

(BOUNO.BOUNO4) 20198

AL-651 (FAA)

BOUNO FOUR ARRIVAL

WESTCHESTER COUNTY (HPN)
WHITE PLAINS, NEW YORK



ARRIVAL ROUTE DESCRIPTION

COYLE TRANSITION (CYN.BOUNO4): From over CYN VORTAC via CYN R-063 to BOUNO INT. Thence . . . .

SEA ISLE TRANSITION (SIE.BOUNO4): From over SIE VORTAC via SIE R-048 to BOUNO INT. Thence . . . .

. . . . From over BOUNO INT via DPK R-207 to DPK VOR/DME, then via DPK R-069 to ZAHNN INT, then via CCC R-002 to EILEN INT, then via BDR R-103 to BDR VOR/DME, then via BDR R-288 to RYMES INT. Expect radar vectors to final approach course.

NE-2, 10 SEP 2020 to 05 NOV 2020

BOUNO FOUR ARRIVAL

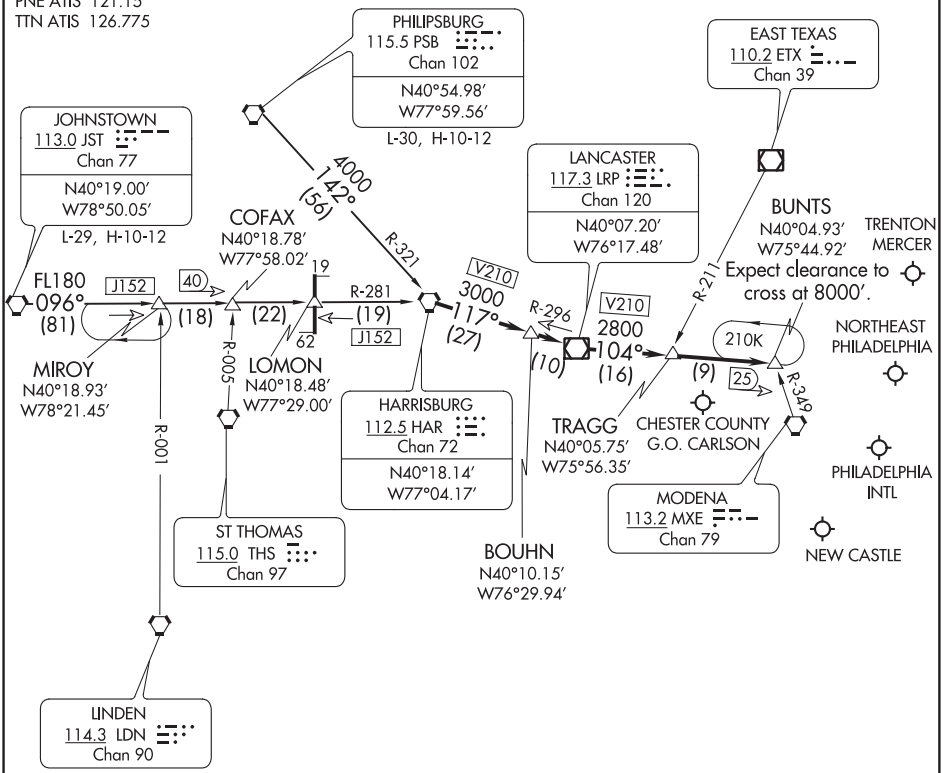
(BOUNO.BOUNO4) 14FEB08

WHITE PLAINS, NEW YORK
WESTCHESTER COUNTY (HPN)

BUNTS TWO ARRIVAL

PHILADELPHIA, PENNSYLVANIA

PHILADELPHIA APP CON
128.4 272.575
ILG ATIS 123.95
PHL ARR D-ATIS 133.4
PNE ATIS 121.15
TTN ATIS 126.775



NOTE: This STAR is for aircraft capable of 250K or greater.

NOTE: Chart not to scale.

JOHNSTOWN TRANSITION (JST.BUNTS2):

PHILIPSBURG TRANSITION (PSB.BUNTS2):

From over HAR VORTAC via HAR R-117 (V210) and LRP R-296 to LRP VOR/DME, thence via LRP R-104 (V210) to BUNTS INT. Expect RADAR vectors to final approach course.

NE-2, 10 SEP 2020 to 05 NOV 2020

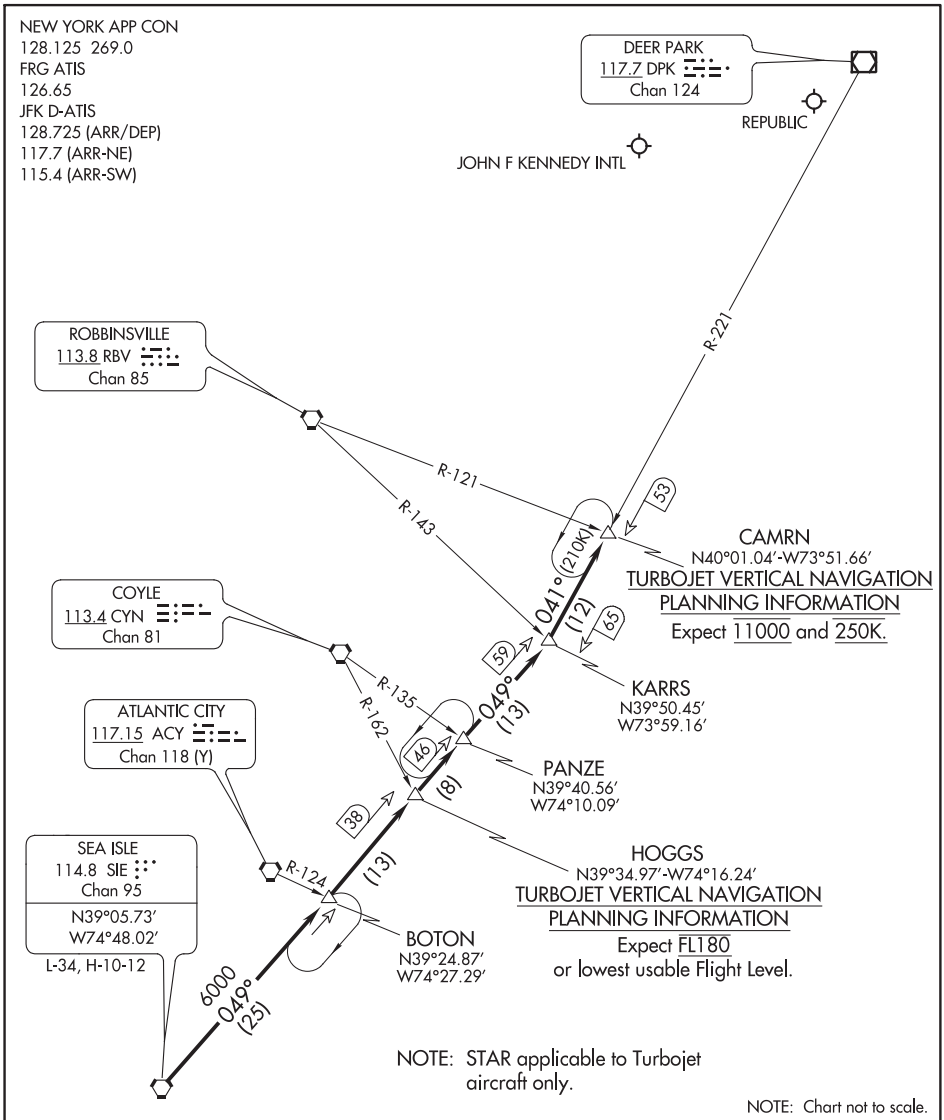
BUNTS TWO ARRIVAL
PHILADELPHIA, PENNSYLVANIA

(SIE.CAMRN4) 20198

CAMRN FOUR ARRIVAL

NEW YORK, NEW YORK

NEW YORK APP CON
128.125 269.0
FRG ATIS
126.65
JFK D-ATIS
128.725 (ARR/DEP)
117.7 (ARR-NE)
115.4 (ARR-SW)



ARRIVAL ROUTE DESCRIPTION

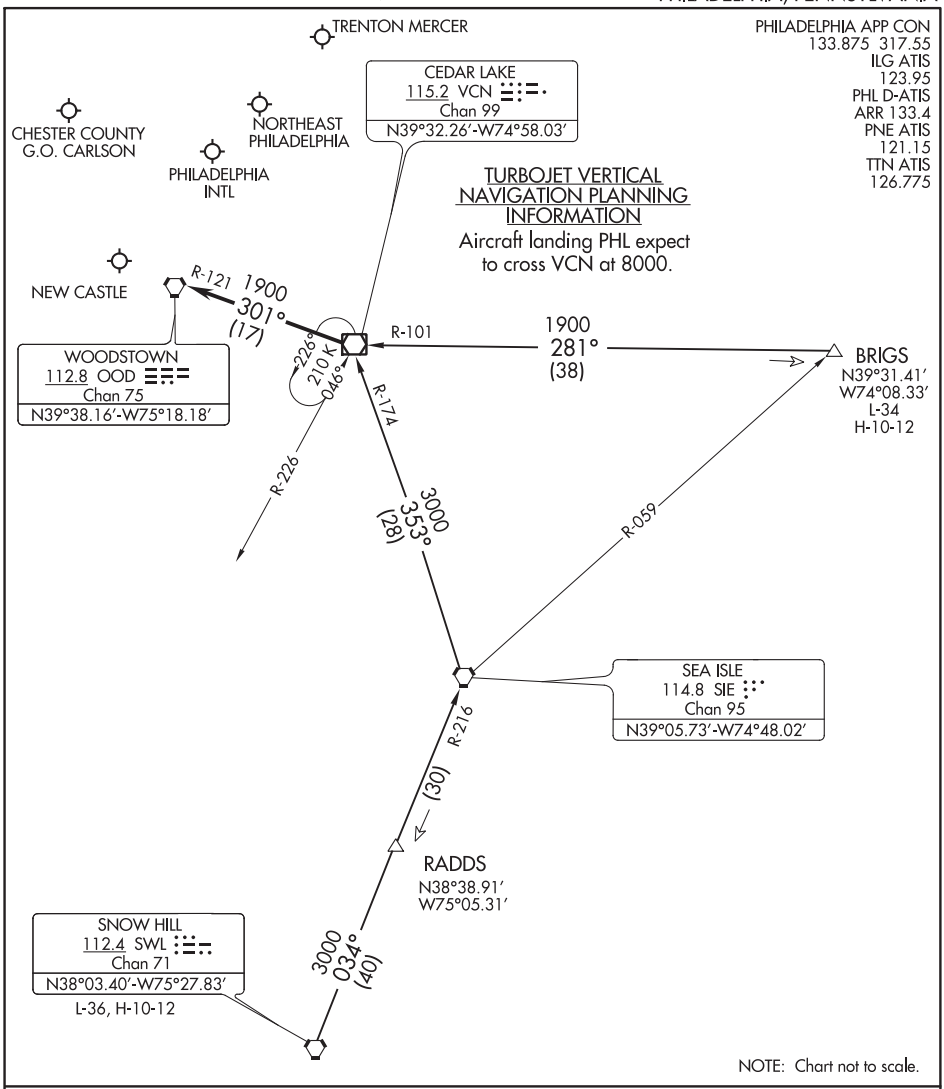
From over SIE VORTAC via SIE R-049 and DPK R-221 to CAMRN INT. Expect radar vectors to final approach fix in use.

NE-2, 10 SEP 2020 to 05 NOV 2020

CAMRN FOUR ARRIVAL
NEW YORK, NEW YORK
(SIE.CAMRN4) 06SEP01

CEDAR LAKE NINE ARRIVAL

PHILADELPHIA, PENNSYLVANIA



NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

BRIGS TRANSITION (BRIGS.VCN9): From over BRIGS on VCN R-101 to VCN VOR/DME. Thence. . . .

SNOW HILL TRANSITION (SWL.VCN9): From over SWL VORTAC on SWL R-034 and SIE R-216 to SIE VORTAC, then on SIE R-353 and VCN R-174 to VCN VOR/DME. Thence. . . .

. . . .from over VCN VOR/DME: Turbojets expect RADAR vectors to final approach course. Non-Turbojets continue on the VCN R-301and the OOD R-121to OOD VORTAC; expect RADAR vectors to final approach course.

CEDAR LAKE NINE ARRIVAL

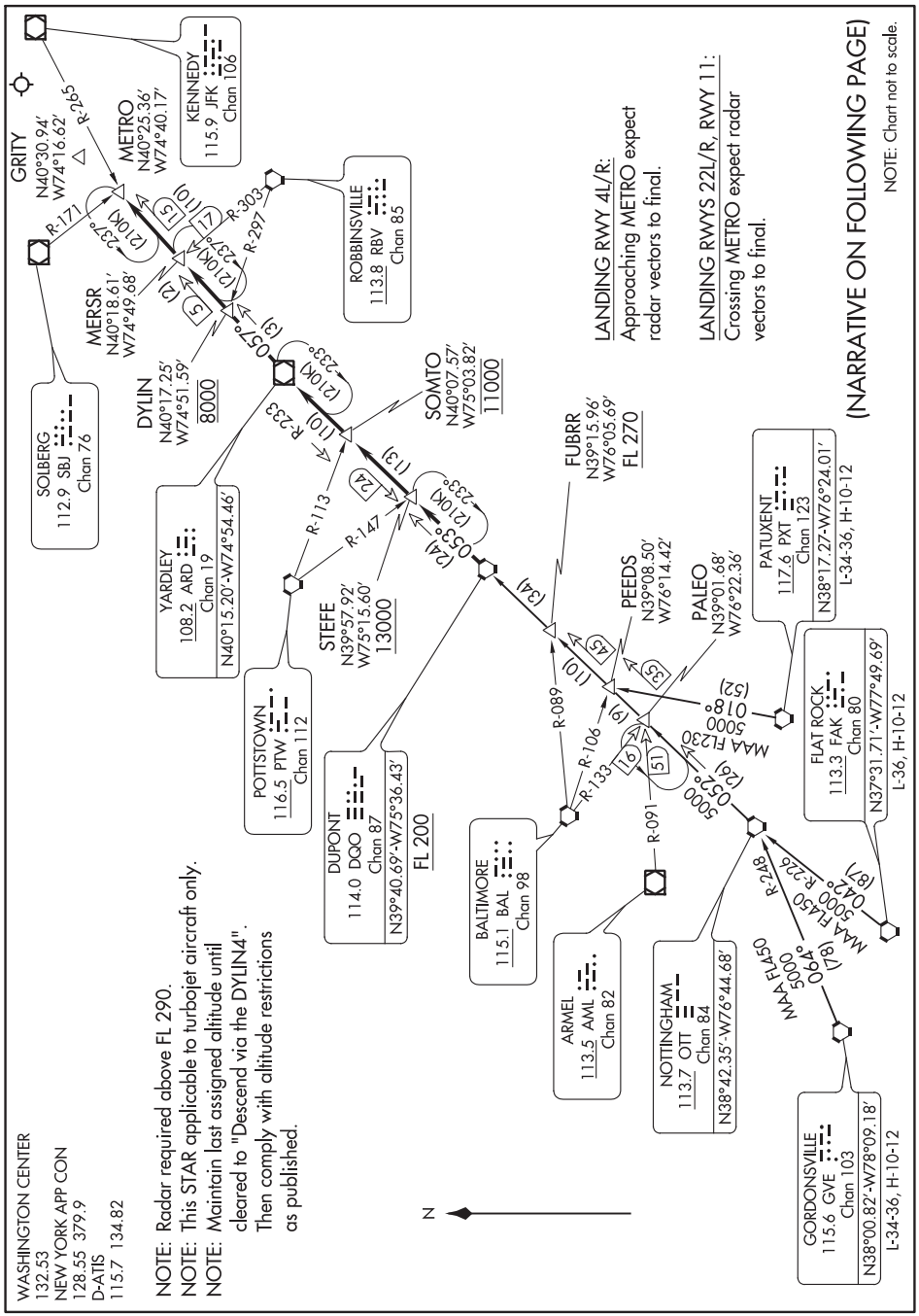
PHILADELPHIA, PENNSYLVANIA

(DQO.DYLIN4) 20198

AL-285 (FAA)

NEWARK LIBERTY INTL (EWR)
NEWARK, NEW JERSEY

DYLIN FOUR ARRIVAL



WASHINGTON CENTER
132.53
NEW YORK APP CON
128.55 379.9
D-ATIS
115.7 134.82

NOTE: Radar required above FL 290.
NOTE: This STAR applicable to turbojet aircraft only.
NOTE: Maintain last assigned altitude until cleared to "Descend via the DYLIN4". Then comply with altitude restrictions as published.

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

ARRIVAL ROUTE DESCRIPTION

FLAT ROCK TRANSITION (FAK.DYLIN4): From over FAK VORTAC via FAK R-042 and OTT R-226 to OTT VORTAC, then via OTT R-052 to DQO VORTAC. Thence. . . .
GORDONSVILLE TRANSITION (GVE.DYLIN4): From over GVE VORTAC via GVE R-064 and OTT R-248 to OTT VORTAC, then via OTT R-052 to DQO VORTAC. Thence. . . .
PATUXENT TRANSITION (PXT.DYLIN4): From over PXT VORTAC via R-018 to PEEDS INT, then via OTT R-052 to DQO VORTAC. Thence. . . .

. . . . from DQO VORTAC, then via DQO R-053 and ARD R-233 to ARD VOR/DME, then via ARD R-057 to METRO INT. Expect radar vectors to final approach course.

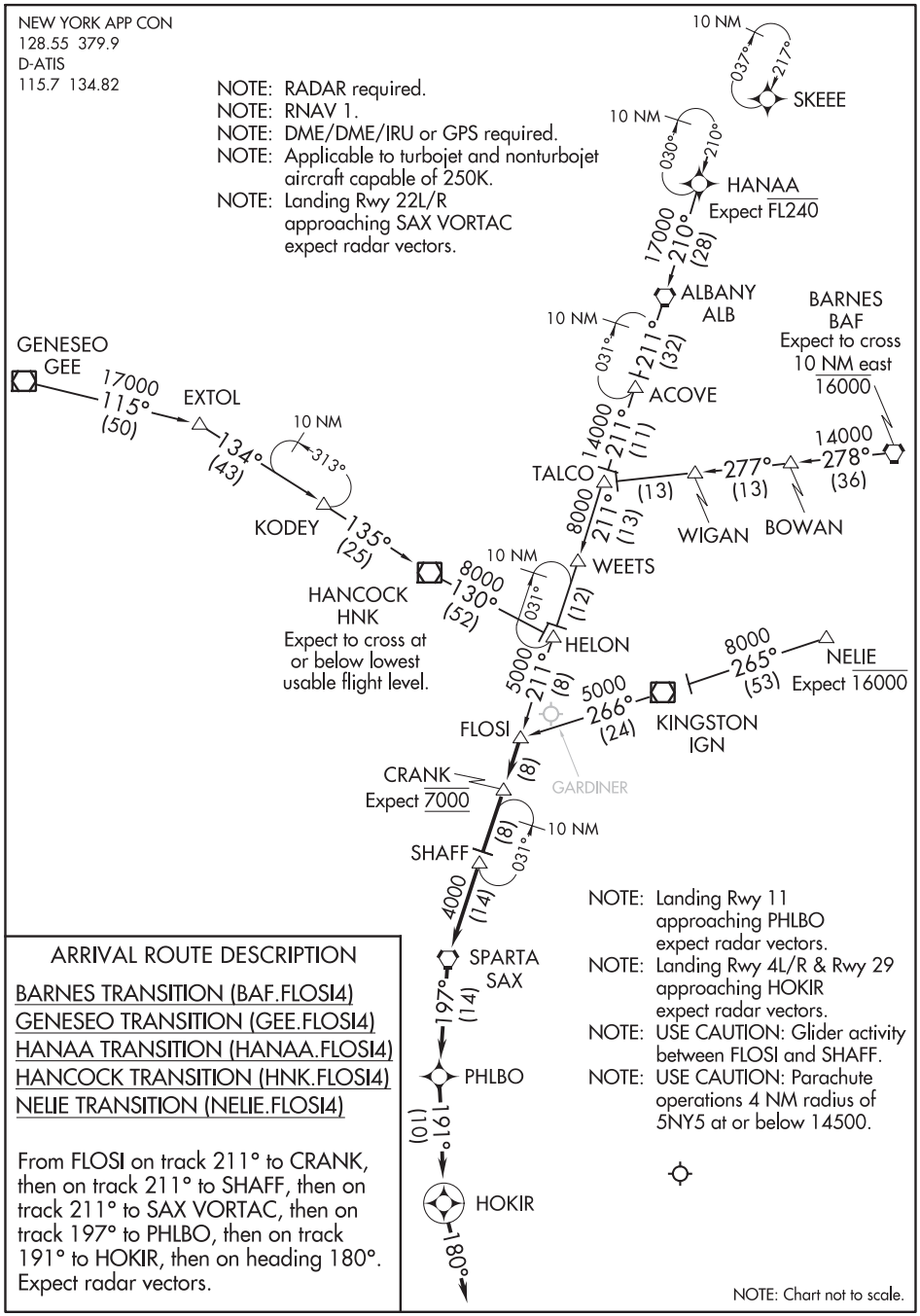
NE-2, 10 SEP 2020 to 05 NOV 2020

(FLOSI.FLOSI4) 20198

AL-285 (FAA)

NEWARK LIBERTY INTL (EWR)
NEWARK, NEW JERSEY

FLOSI FOUR ARRIVAL (RNAV)



ARRIVAL ROUTE DESCRIPTION

BARNES TRANSITION (BAF.FLOSI4)
GENESEO TRANSITION (GEE.FLOSI4)
HANAA TRANSITION (HANAA.FLOSI4)
HANCOCK TRANSITION (HNK.FLOSI4)
NELIE TRANSITION (NELIE.FLOSI4)

From FLOSI on track 211° to CRANK, then on track 211° to SHAFF, then on track 211° to SAX VORTAC, then on track 197° to PHLBO, then on track 191° to HOKIR, then on heading 180°. Expect radar vectors.

NE-2, 10 SEP 2020 to 05 NOV 2020

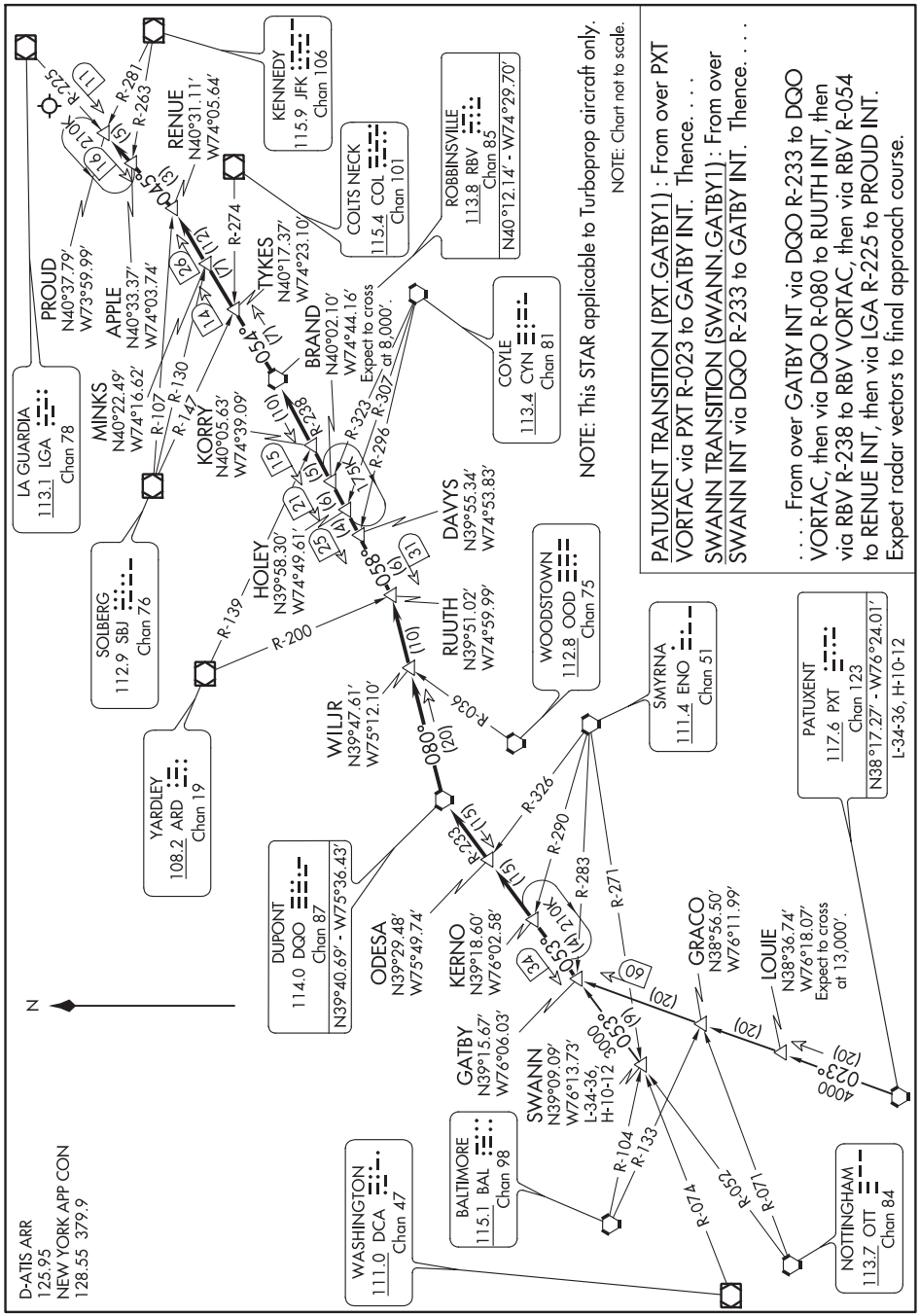
NE-2, 10 SEP 2020 to 05 NOV 2020

FLOSI FOUR ARRIVAL (RNAV)

(FLOSI.FLOSI4) 05DEC19

NEWARK, NEW JERSEY
NEWARK LIBERTY INTL (EWR)

GATBY ONE ARRIVAL



NE-2, 10 SEP 2020 to 05 NOV 2020

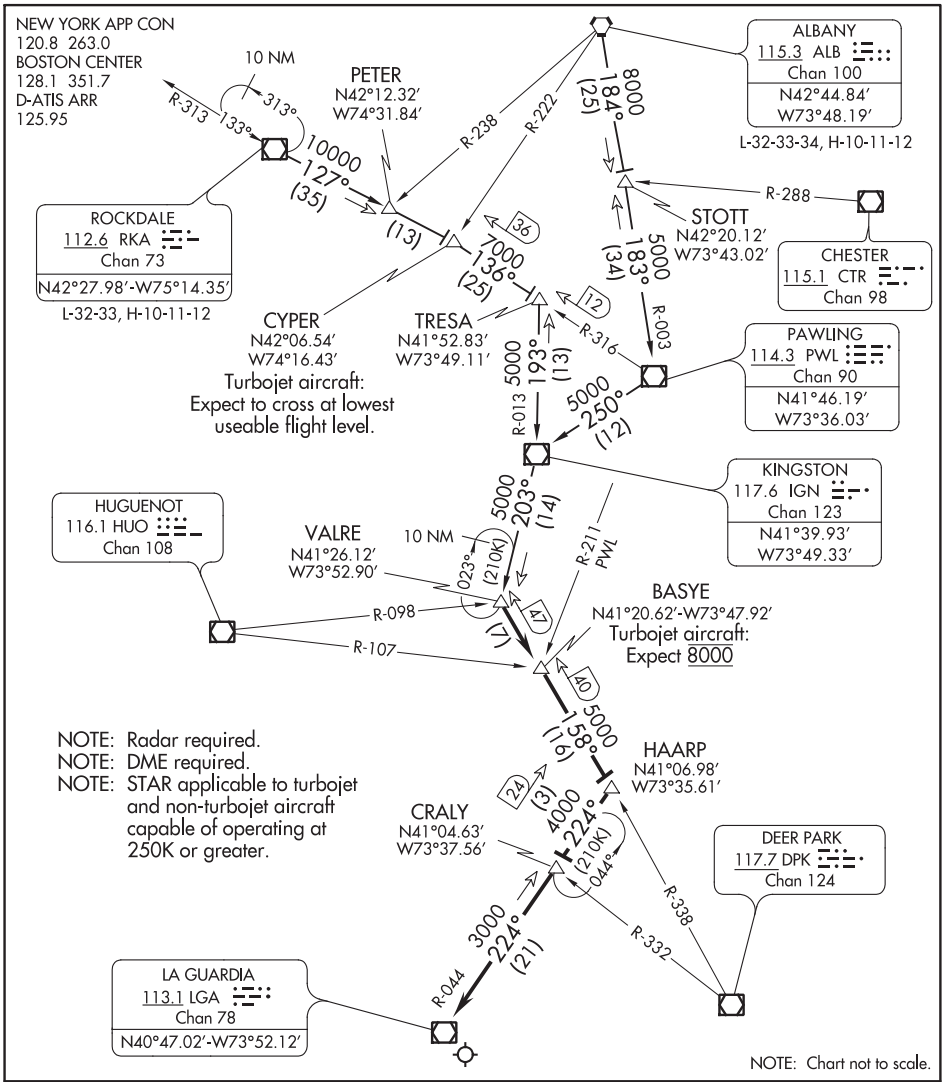
NE-2, 10 SEP 2020 to 05 NOV 2020

(VALRE.HAARP3) 20254

AL-289 (FAA)

LAGUARDIA (LGA)
NEW YORK, NEW YORK

HAARP THREE ARRIVAL



ALBANY TRANSITION (ALB.HAARP3): From over ALB VORTAC via ALB R-184 to STOTT INT, then via PWL R-003 to PWL VOR/DME, then via PWL R-250 and IGN R-070 to IGN VOR/DME, then via IGN R-203 to VALRE INT, thence. . . .

ROCKDALE TRANSITION (RKA.HAARP3): From over RKA VORTAC via RKA R-127 to CYPER INT, then via PWL R-316 to TRESA INT, then via IGN R-013 to IGN VOR/DME, then via IGN R-203 to VALRE INT, thence. . . .

. . . .From over VALRE INT via DPK R-338 to BAYSE INT, then to HAARP INT, then via LGA R-044 to CRALY, then to LGA VOR/DME. Expect radar vectors to final approach course.

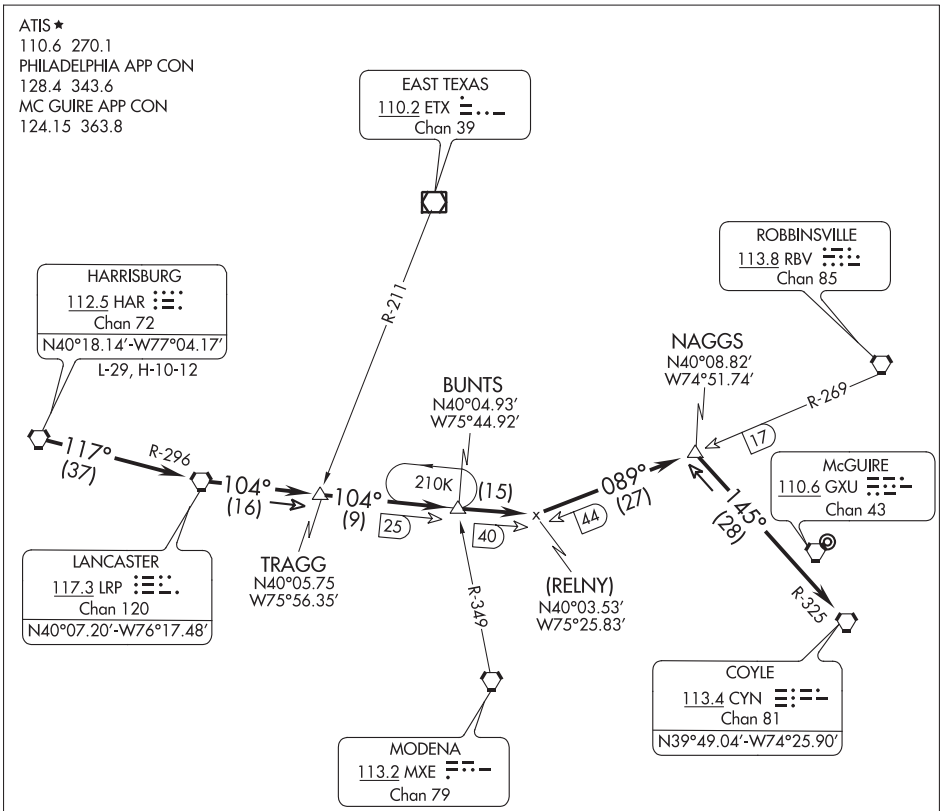
NE-2, 10 SEP 2020 to 05 NOV 2020

HAARP THREE ARRIVAL

NEW YORK, NEW YORK
LAGUARDIA (LGA)

(VALRE.HAARP3) 17OCT13

HARRISBURG FIVE ARRIVAL



NOTE: Route depicted beyond Naggs Int is for lost communications or radar outage only.

NOTE: Not for use by fighter type aircraft.

NOTE: Descent below 3500 prior to NAGGS may transition below the KPHL class Bravo Airspace.

NOTE: Chart not to scale

ARRIVAL ROUTE DESCRIPTION

From over HAR VORTAC via HAR R-117 and LRP R-296 to LRP VORTAC. Thence via LRP R-104 to LRP R-104/40 DME and RBV R-269/44 DME. Thence via RBV R-269 to NAGGS INT. Thence via CYN R-325 to CYN VORTAC. Expect radar vector to final approach 8 DME west of GXU VORTAC. Expect descent below 10000 after HAR VORTAC.

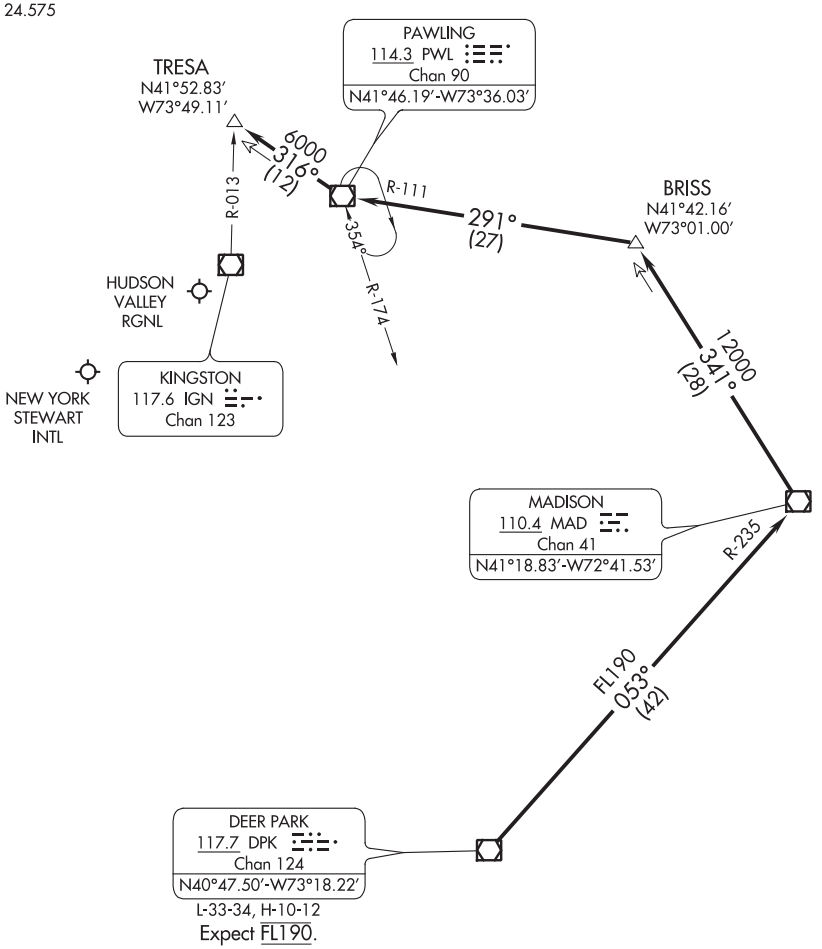
(DPK.HUD4) 20198

AL-450 (FAA)

HUDSON FOUR ARRIVAL

NEW YORK, NEW YORK

NEW YORK APP CON
132.75 363.1
POU ATIS
126.75
SWF ATIS
124.575



L-33-34, H-10-12

Expect FL190.

NOTE: RADAR required.

NOTE: Chart not to scale.

ARRIVAL ROUTE DESCRIPTION

From over DPK VOR/DME on DPK R-053 and MAD R-235 to MAD VOR/DME, then on MAD R-341 to BRISS, then on PWL R-111 to PWL VOR/DME, then on PWL R-316 to TRESA. Expect RADAR vectors to final approach course.

HUDSON FOUR ARRIVAL

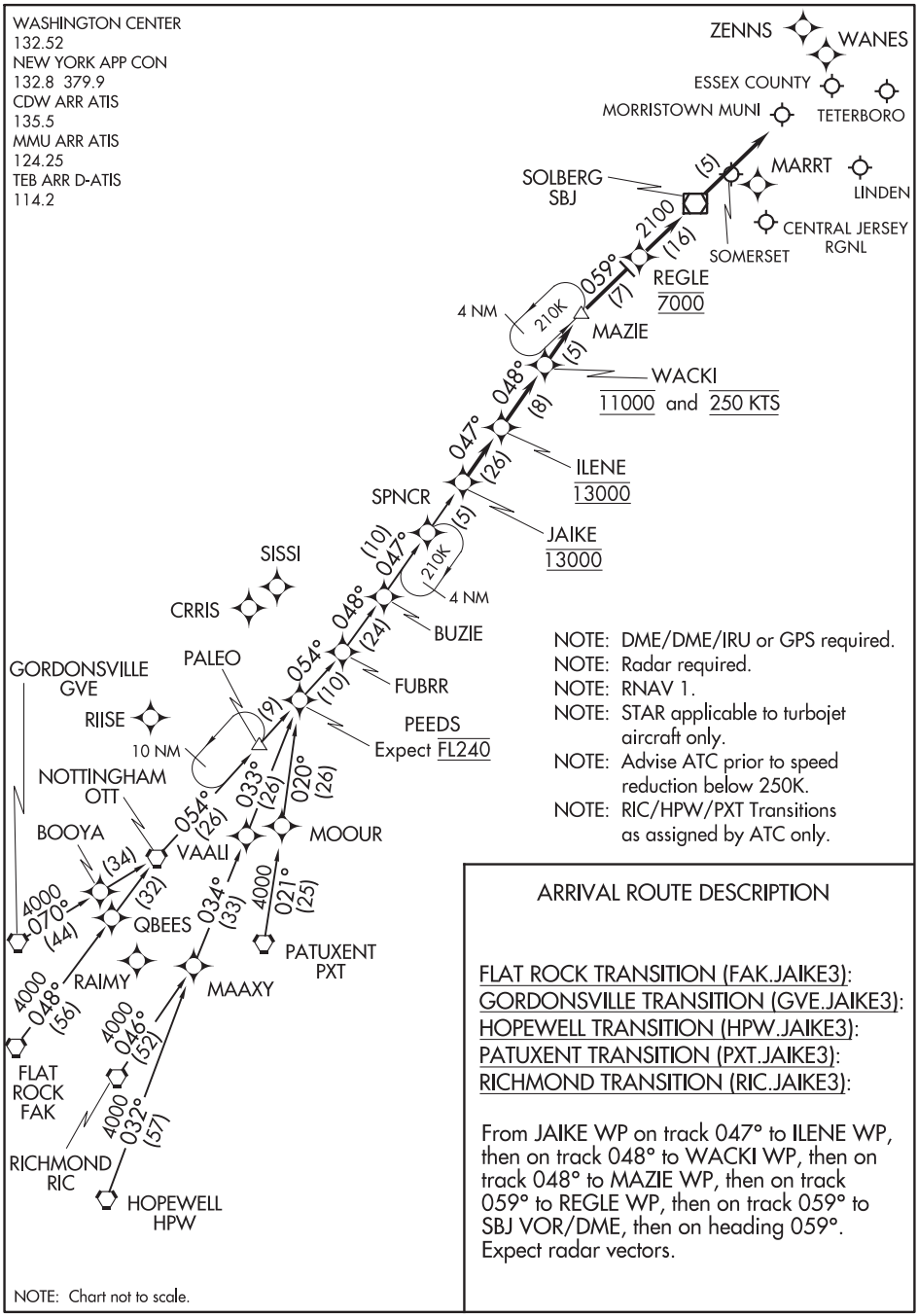
NEW YORK, NEW YORK

(DPK.HUD4) 20JUN19

NE-2, 10 SEP 2020 to 05 NOV 2020

JAIKE THREE ARRIVAL (RNAV)

TETERBORO, NEW JERSEY



NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

JAIKE THREE ARRIVAL (RNAV)

TETERBORO, NEW JERSEY

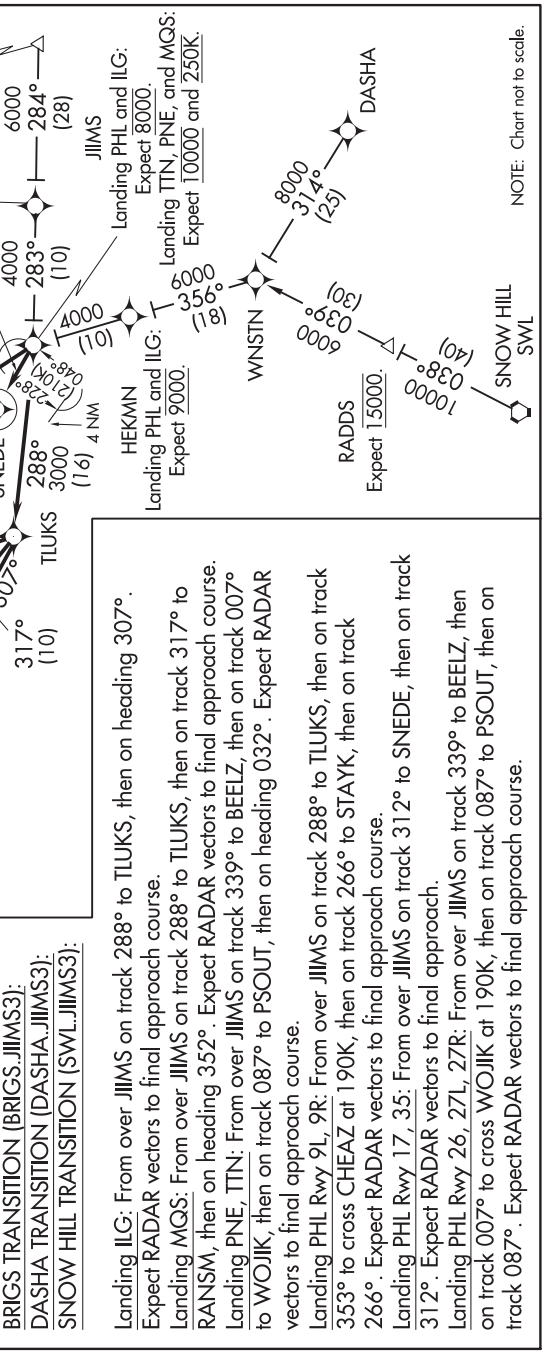
JIIMS THREE ARRIVAL (RNAV)

PHILADELPHIA, PENNSYLVANIA

PHILADELPHIA APP CON
133.875 317.55
ILG ATIS 123.95
MQS AWOS-3 126.25
PHL D-ATIS ARR 133.4
PNE ATIS 121.15
TTN ATIS 126.775

NOTE: CAUTION: Parachute Jumping 3.3 NM NE BEELZ, 1.5 NM radius Cross Keys Airport, AOB 13,500 (SR-SS).

NOTE: DME/DME/IRU or GPS required.
NOTE: RNAV 1.
NOTE: For turbojets only.
NOTE: Radar required.



ARRIVAL ROUTE DESCRIPTION

BRIGS TRANSITION (BRIGS.JIIMS3):
DASHA TRANSITION (DASHA.JIIMS3):
SNOW HILL TRANSITION (SWL.JIIMS3):

Landing ILG: From over JIIMS on track 288° to TLUKS, then on heading 307°. Expect RADAR vectors to final approach course.

Landing MQS: From over JIIMS on track 288° to TLUKS, then on track 317° to RANSM, then on heading 352°. Expect RADAR vectors to final approach course.

Landing PNE, TTN: From over JIIMS on track 339° to BEELZ, then on track 007° to WOJIK, then on track 087° to PSOUT, then on heading 032°. Expect RADAR vectors to final approach course.

Landing PHL Rwy 9L, 9R: From over JIIMS on track 288° to TLUKS, then on track 353° to cross CHEAZ at 190K, then on track 266° to STAYK, then on track 266°. Expect RADAR vectors to final approach course.

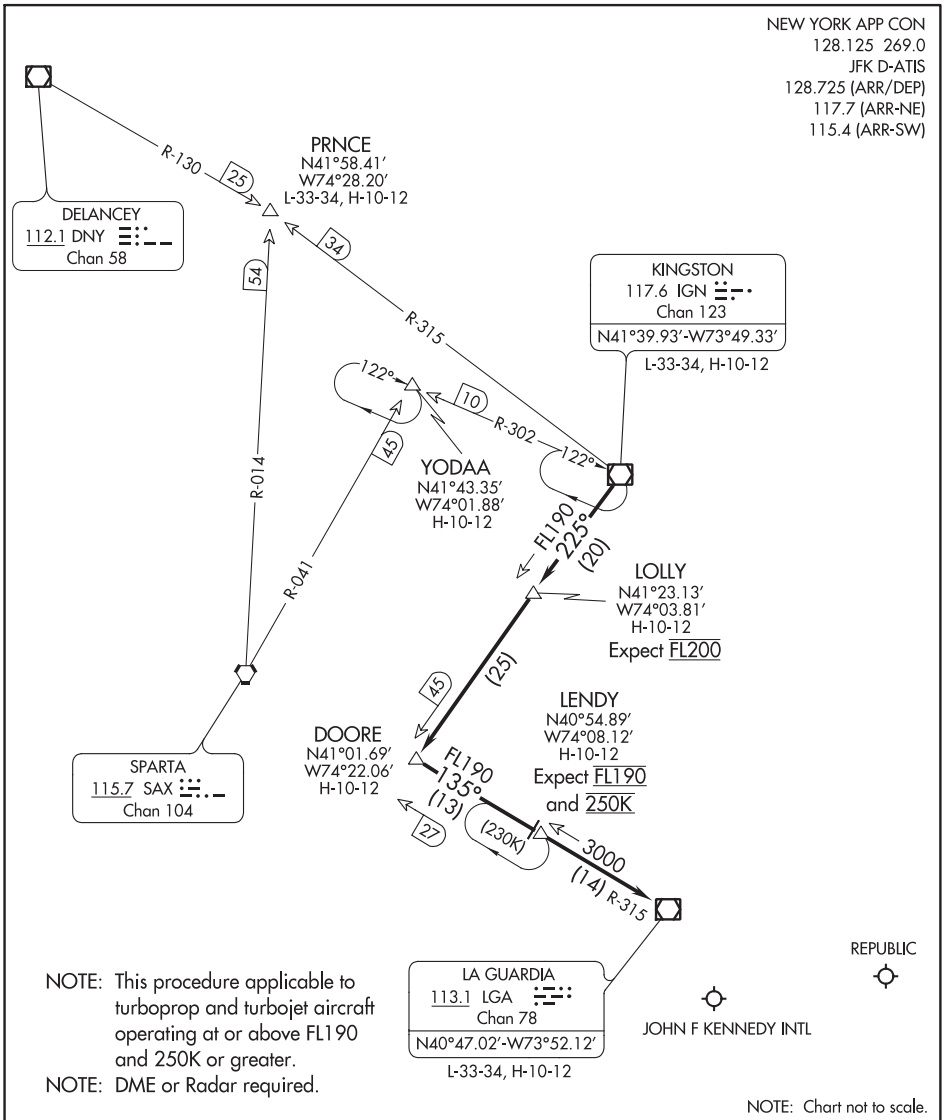
Landing PHL Rwy 17, 35: From over JIIMS on track 312° to SNEDE, then on track 312°. Expect RADAR vectors to final approach.

Landing PHL Rwy 26, 27L, 27R: From over JIIMS on track 339° to BEELZ, then on track 007° to cross WOJIK at 190K, then on track 087° to PSOUT, then on track 087°. Expect RADAR vectors to final approach course.

JIIMS THREE ARRIVAL (RNAV)
PHILADELPHIA, PENNSYLVANIA

KINGSTON ONE ARRIVAL

NEW YORK, NEW YORK



NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

ARRIVAL ROUTE DESCRIPTION

From over IGN VOR/DME on IGN R-225 to LOLLY/20 DME, then on IGN R-225 to DOORE INT, then on LGA R-315 to LENDY/14 DME, then on LGA R-315 to LGA VOR/DME. Expect radar vectors to final approach course after LGA VOR/DME.

KINGSTON ONE ARRIVAL

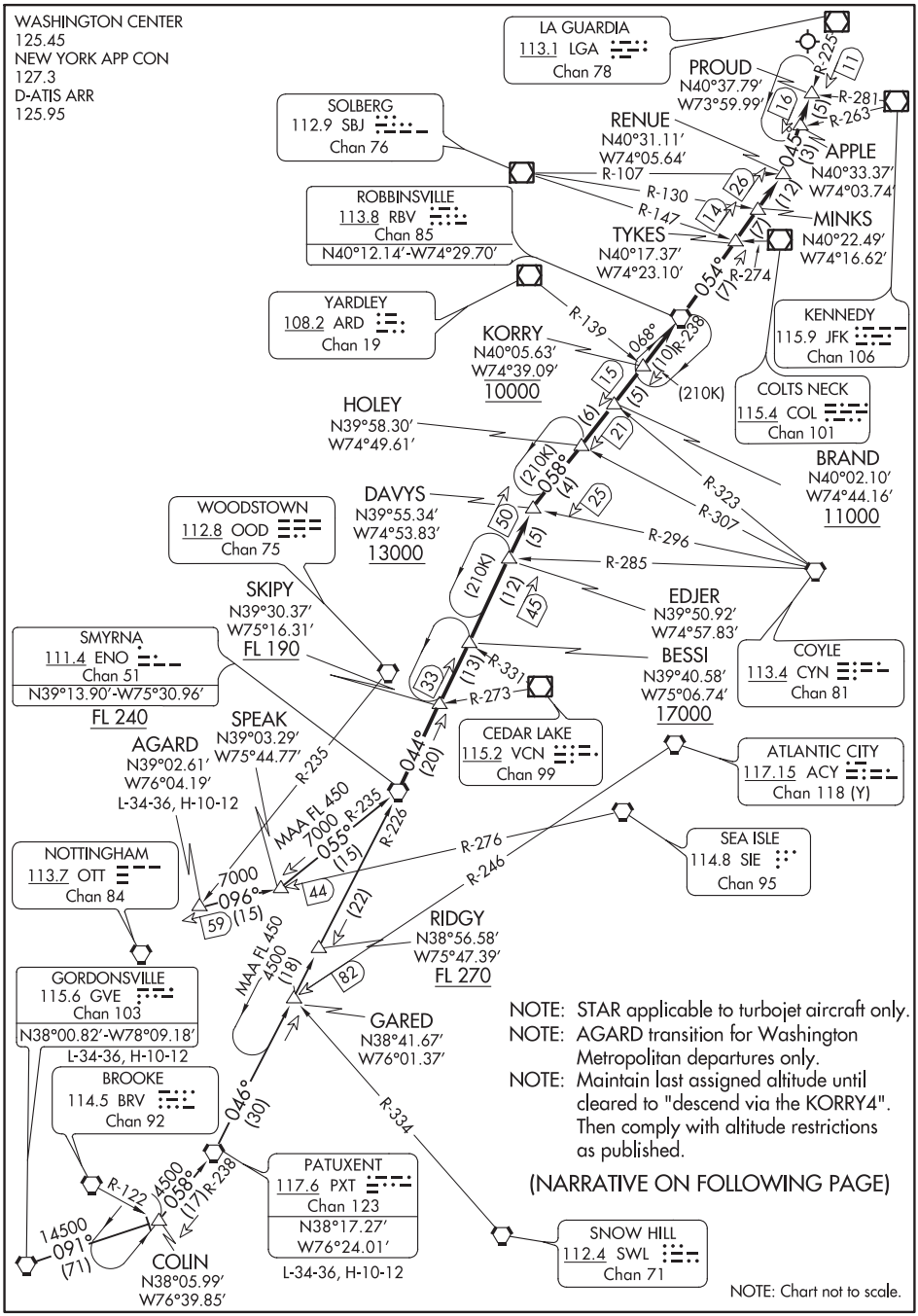
NEW YORK, NEW YORK

(ENO.KORRY4) 20198

AL-289 (FAA)

LAGUARDIA (LGA)
NEW YORK, NEW YORK

KORRY FOUR ARRIVAL



NOTE: STAR applicable to turbojet aircraft only.

NOTE: AGARD transition for Washington Metropolitan departures only.

NOTE: Maintain last assigned altitude until cleared to "descend via the KORRY4". Then comply with altitude restrictions as published.

(NARRATIVE ON FOLLOWING PAGE)

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

KORRY FOUR ARRIVAL

(ENO.KORRY4) 12OCT17

NEW YORK, NEW YORK
LAGUARDIA (LGA)

ARRIVAL ROUTE DESCRIPTION

AGARD TRANSITION (AGARD.KORRY4): From over AGARD INT via SIE R-276 and ENO R-235 to ENO VORTAC. Thence . . . .
GORDONSVILLE TRANSITION (GVE.KORRY4): From over GVE VORTAC via GVE R-091 and PXT R-238 to PXT VORTAC, then via PXT R-046 and ENO R-226 to ENO VORTAC. Thence . . . .
PATUXENT TRANSITION (PXT.KORRY4): From over PXT VORTAC via PXT R-046 and ENO R-226 to ENO VORTAC. Thence . . . .

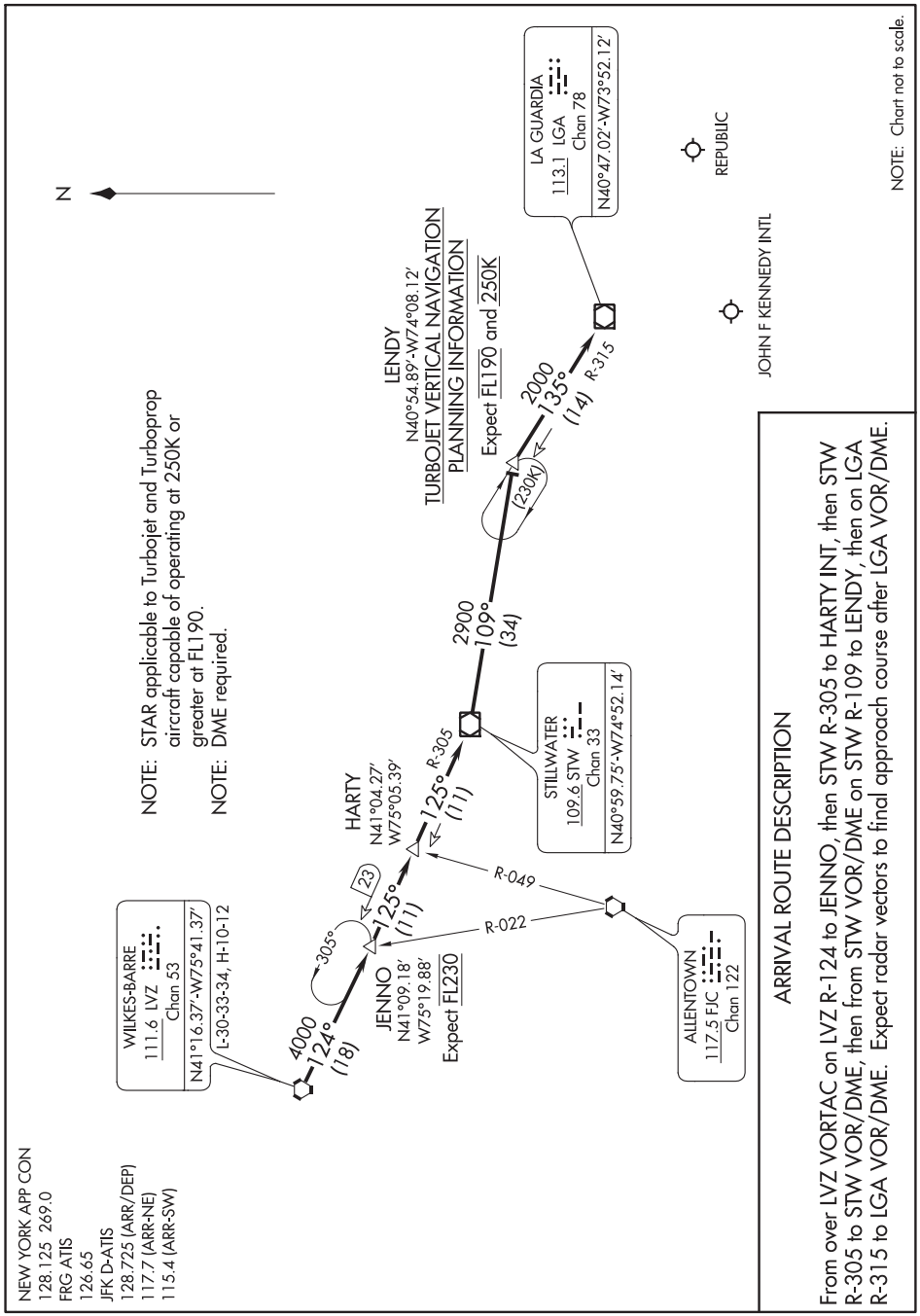
. . . . from over ENO VORTAC via R-044 to DAVYS INT, then via RBV R-238 to RBV VORTAC, then via RBV R-054 to RENUE INT, then via LGA R-225 to PROUD INT. Expect radar vectors to final approach course.

NE-2, 10 SEP 2020 to 05 NOV 2020

(LVZ.LENDY6) 20198

LENDY SIX ARRIVAL

NEW YORK, NEW YORK

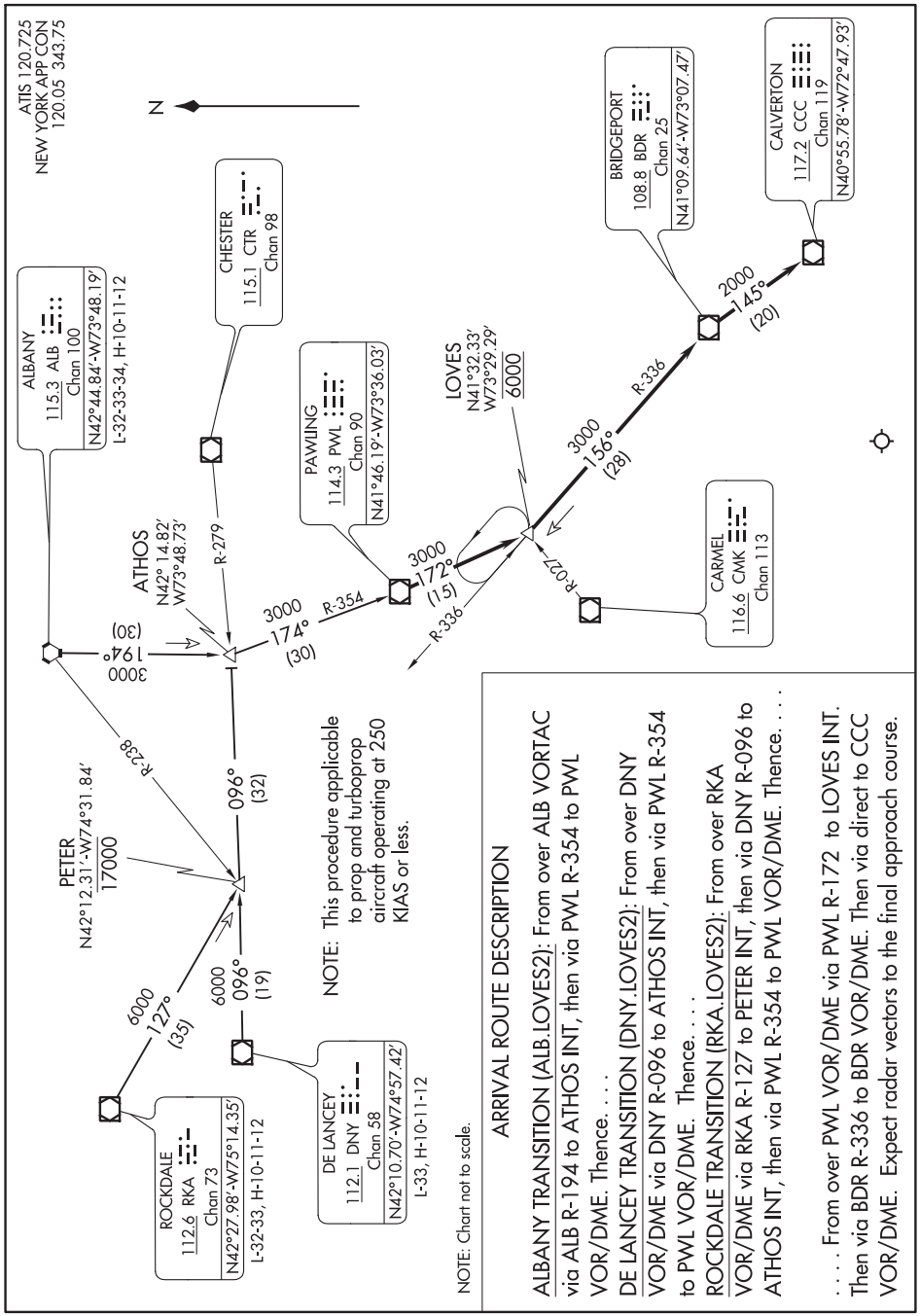


NE-2, 10 SEP 2020 to 05 NOV 2020

LENDY SIX ARRIVAL

NEW YORK, NEW YORK

(LVZ.LENDY6) 20OCT11



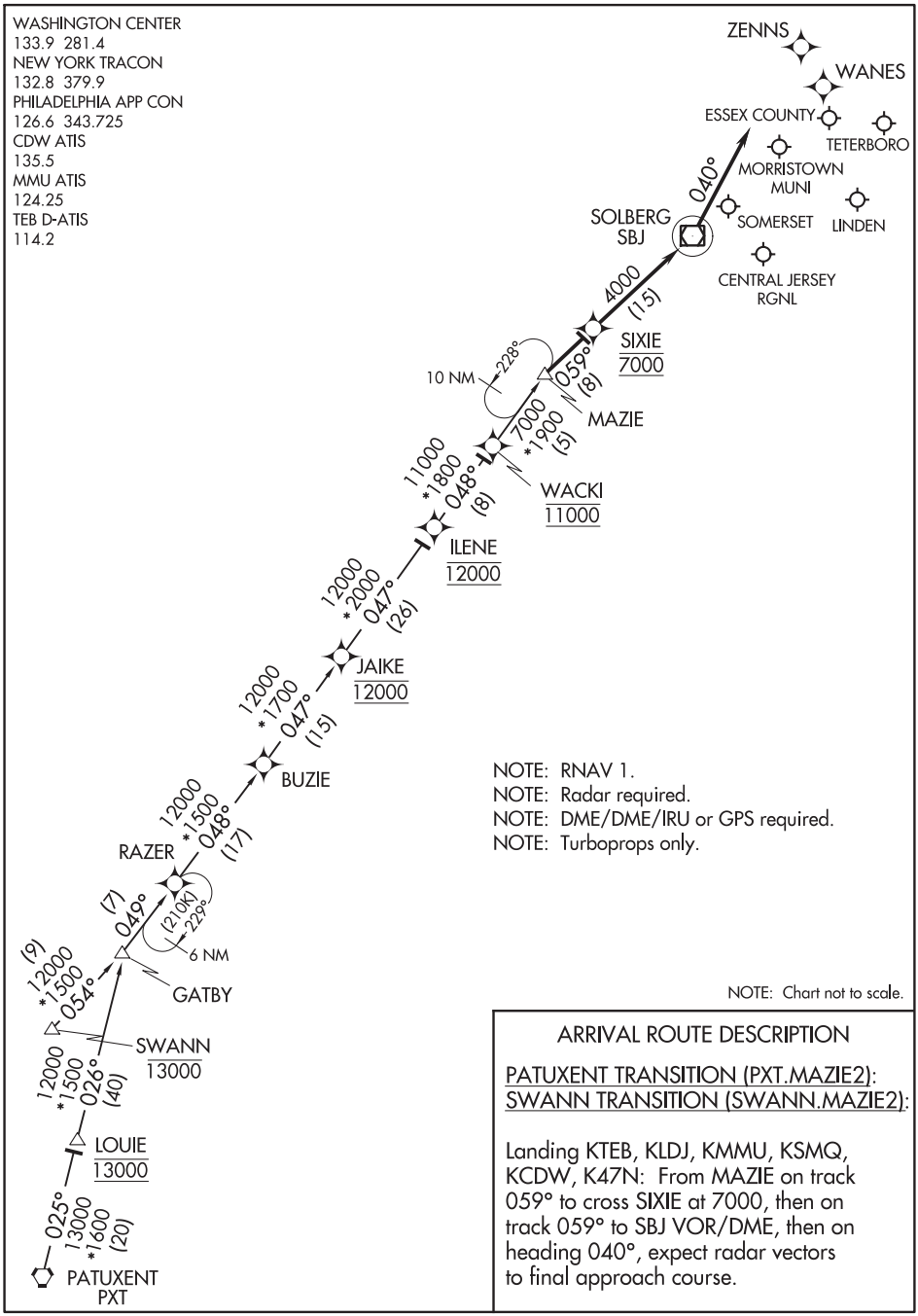
NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

(MAZIE.MAZIE2) 20198 AL-890 (FAA)

MAZIE TWO ARRIVAL (RNAV)

TETERBORO, NEW JERSEY



ARRIVAL ROUTE DESCRIPTION

PATUXENT TRANSITION (PXT.MAZIE2):
SWANN TRANSITION (SWANN.MAZIE2):

Landing KTEB, KLDJ, KMMU, KSMQ, KCDW, K47N: From MAZIE on track 059° to cross SIXIE at 7000, then on track 059° to SBJ VOR/DME, then on heading 040°, expect radar vectors to final approach course.

NE-2, 10 SEP 2020 to 05 NOV 2020

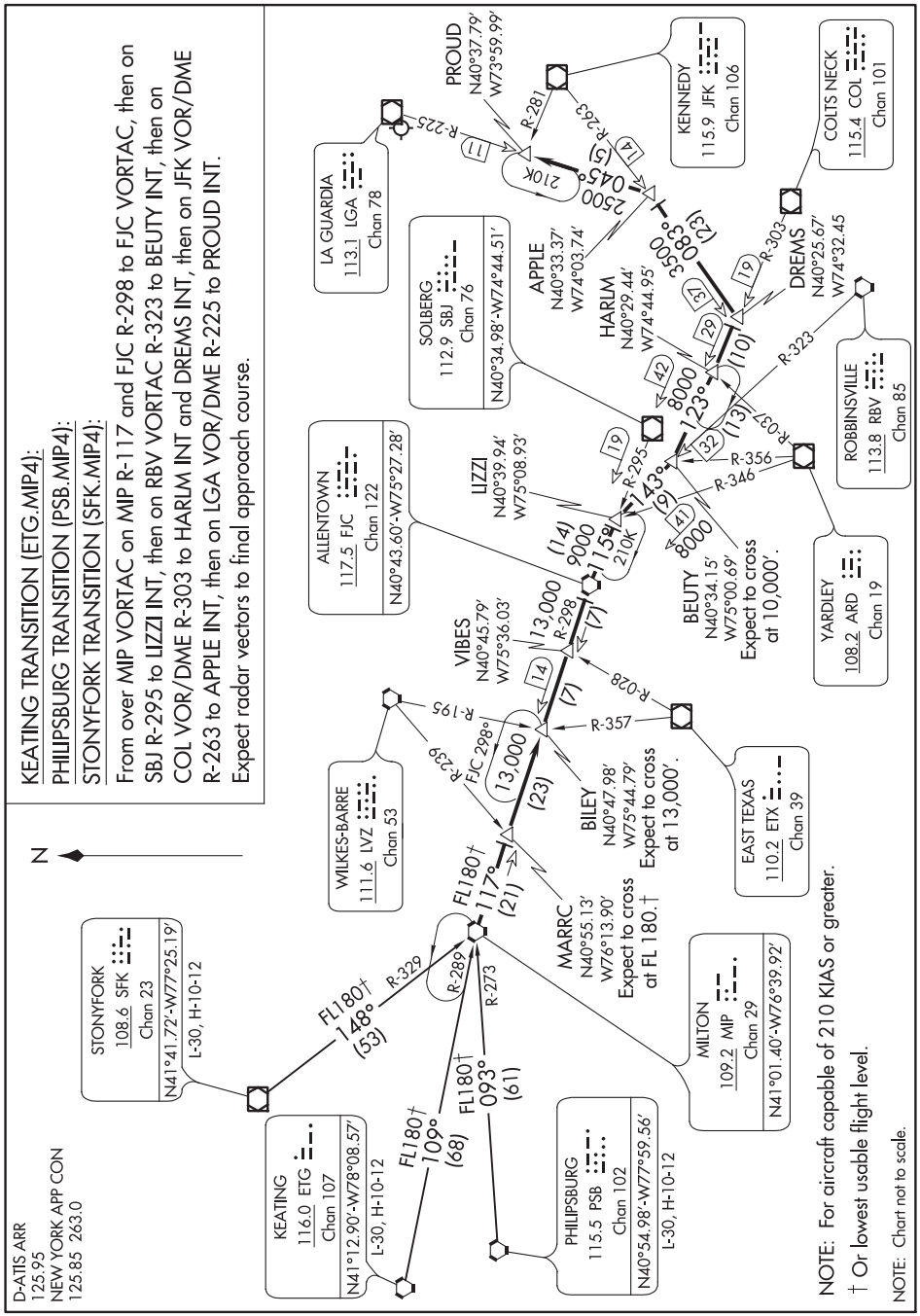
NE-2, 10 SEP 2020 to 05 NOV 2020

MAZIE TWO ARRIVAL (RNAV)

TETERBORO, NEW JERSEY

(MAZIE.MAZIE2) 07MAR13

MILTON FOUR ARRIVAL

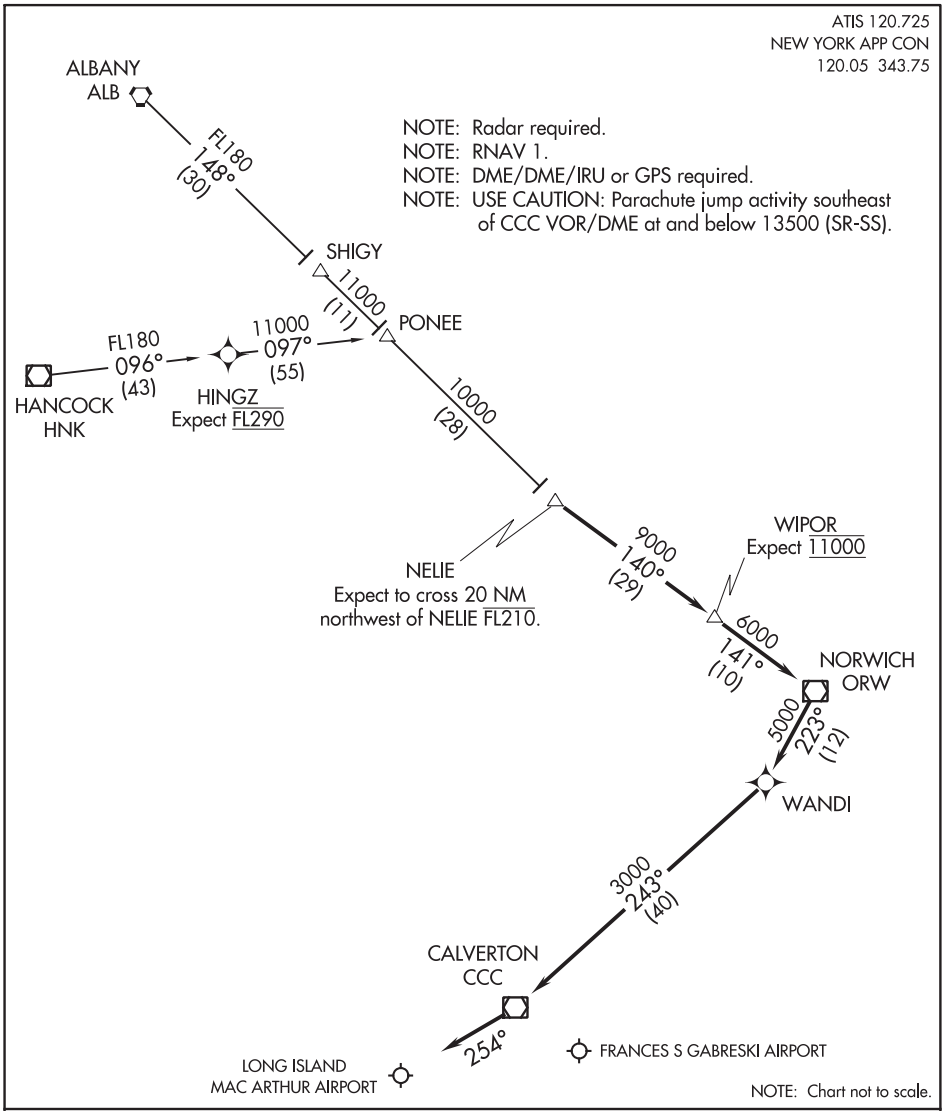


(NELIE.NELIE3) 17117

AL-948 (FAA)

NELIE THREE ARRIVAL (RNAV)

NEW YORK, NEW YORK



ARRIVAL ROUTE DESCRIPTION

ALBANY TRANSITION (ALB.NELIE3):

HANCOCK TRANSITION (HNK.NELIE3):

HINGZ TRANSITION (HINGZ.NELIE3):

....From NELIE on track 140° to WIPOR, then on track 141° to ORW VOR/DME, then on track 223° track to WANDI, then on track 243° to CCC VOR/DME, then on heading 254° or as assigned by ATC. Expect vectors to final approach course.

NE-2, 10 SEP 2020 to 05 NOV 2020

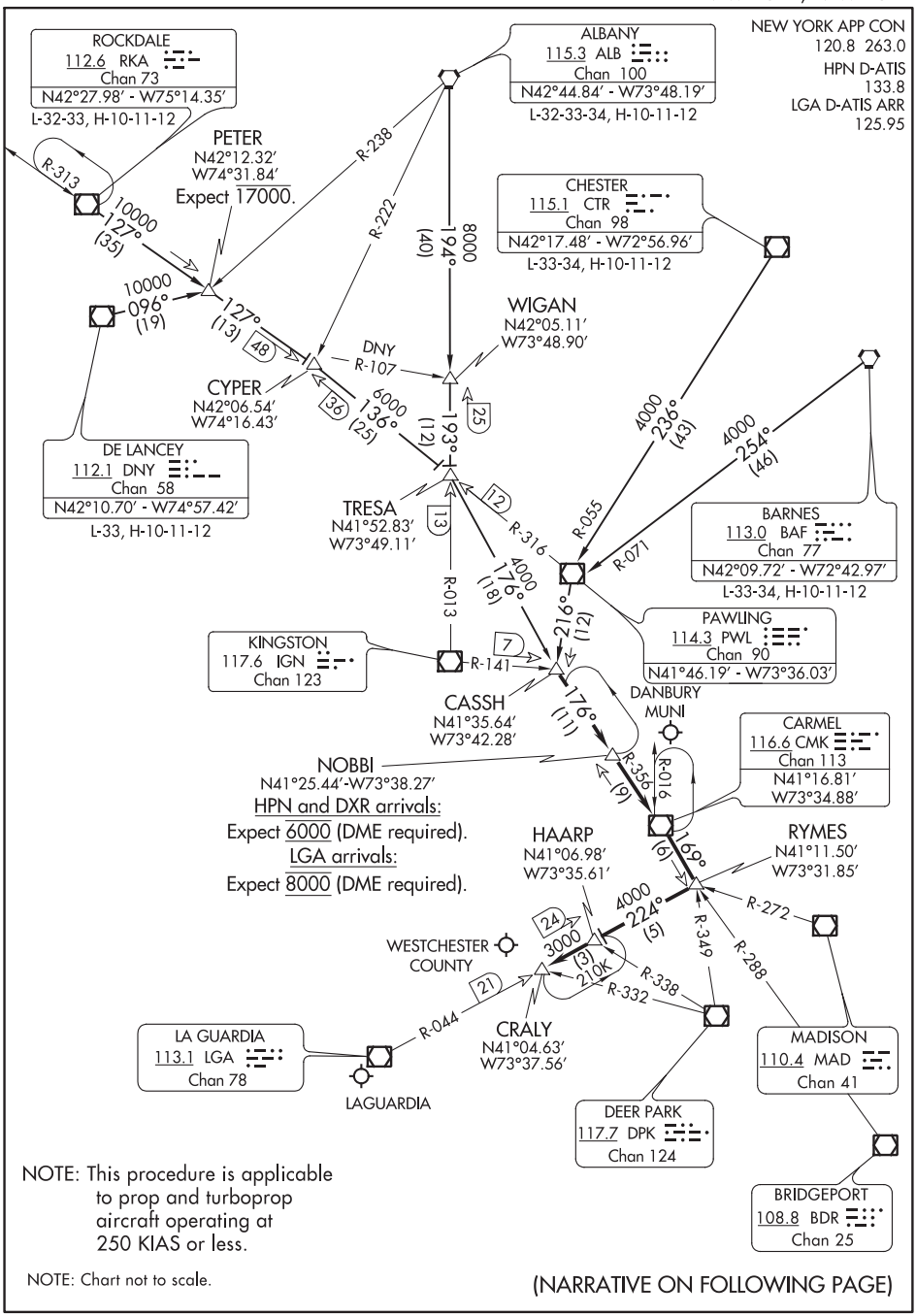
NELIE THREE ARRIVAL (RNAV)

NEW YORK, NEW YORK

(NELIE.NELIE3) 13NOV14

NOBBI FIVE ARRIVAL

NEW YORK, NEW YORK



NOTE: This procedure is applicable to prop and turboprop aircraft operating at 250 KIAS or less.

NOTE: Chart not to scale.

(NARRATIVE ON FOLLOWING PAGE)

NE-2, 10 SEP 2020 to 05 NOV 2020
NE-2, 10 SEP 2020 to 05 NOV 2020

ARRIVAL ROUTE DESCRIPTION

ALBANY TRANSITION (ALB.NOBBI5): From over ALB VORTAC via ALB R-194 to WIGAN INT, then via IGN R-013 to TRESA INT, then via CMK R-356 to CASSH INT. Thence. . . .
BARNES TRANSITION (BAF.NOBBI5): From over BAF VORTAC via BAF R-254 and PWL R-071 to PWL VOR/DME, then via PWL R-216 to CASSH INT. Thence. . . .
CHESTER TRANSITION (CTR.NOBBI5): From over CTR VOR/DME via CTR R-236 and PWL R-055 to PWL VOR/DME, then via PWL R-216 to CASSH INT. Thence. . . .
DE LANCEY TRANSITION (DNY.NOBBI5): From over DNY VOR/DME via DNY R-096 to PETER INT, then via RKA R-127 to CYPER INT, then via PWL R-316 to TRESA INT, then via CMK R-356 to CASSH INT. Thence. . . .
ROCKDALE TRANSITION (RKA.NOBBI5): From over RKA VOR/DME via RKA R-127 to CYPER INT, then via PWL R-316 to TRESA INT, then via CMK R-356 to CASSH INT. Thence. . . .

. . . .From over CASSH INT via CMK R-356 to CMK VOR/DME, then via CMK R-169 to RYMES INT, then via LGA VOR/DME R-044 to HAARP INT to CRALY INT. Expect radar vectors to final approach course.

PAATS THREE ARRIVAL (RNAV)

PHILADELPHIA, PENNSYLVANIA

ARRIVAL ROUTE DESCRIPTION

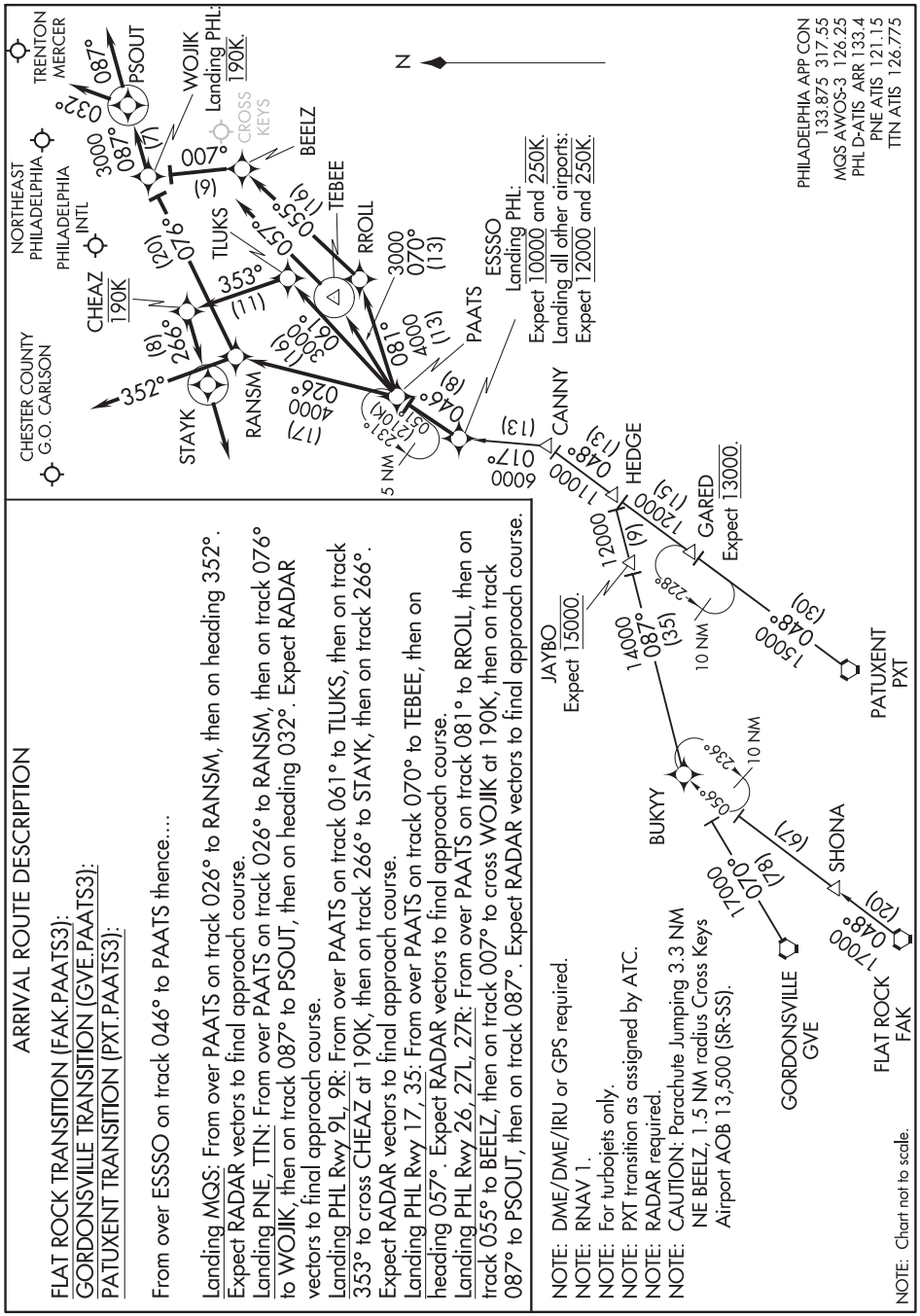
FLAT ROCK TRANSITION (FAK.PAATS3):
GORDONSVILLE TRANSITION (GVE.PAATS3):
PATUXENT TRANSITION (PXT.PAATS3):

From over ESSSO on track 046° to PAATS thence....

Landing MQS: From over PAATS on track 026° to RANSM, then on heading 352°. Expect RADAR vectors to final approach course.
Landing PNE, TTN: From over PAATS on track 026° to RANSM, then on track 076° to WOJIK, then on track 087° to PSOUT, then on heading 032°. Expect RADAR vectors to final approach course.
Landing PHL Rwy 9L, 9R: From over PAATS on track 061° to TLUKS, then on track 353° to cross CHEAZ at 190K, then on track 266° to STAYK, then on track 266°. Expect RADAR vectors to final approach course.
Landing PHL Rwy 17, 35: From over PAATS on track 070° to TEBEE, then on heading 057°. Expect RADAR vectors to final approach course.
Landing PHL Rwy 26, 27L, 27R: From over PAATS on track 081° to RROLL, then on track 055° to BEELZ, then on track 007° to cross WOJIK at 190K, then on track 087° to PSOUT, then on track 087°. Expect RADAR vectors to final approach course.

NOTE: DME/DME/IRU or GPS required.
NOTE: RNAV 1.
NOTE: For turbojets only.
NOTE: PXT transition as assigned by ATC.
NOTE: RADAR required.
NOTE: CAUTION: Parachute Jumping 3.3 NM NE BEELZ, 1.5 NM radius Cross Keys Airport AOB 13,500 (SR-SS).

NOTE: Chart not to scale.



NE-2, 10 SEP 2020 to 05 NOV 2020

PAATS THREE ARRIVAL (RNAV)

PHILADELPHIA, PENNSYLVANIA

PARCH THREE ARRIVAL (RNAV)

NEW YORK, NEW YORK

NEW YORK APP CON
125.7 269.0
JFK D-ATIS
128.725 (ARR/DEP)
117.7 (ARR-NE)
115.4 (ARR-SW)

ARRIVAL ROUTE DESCRIPTION

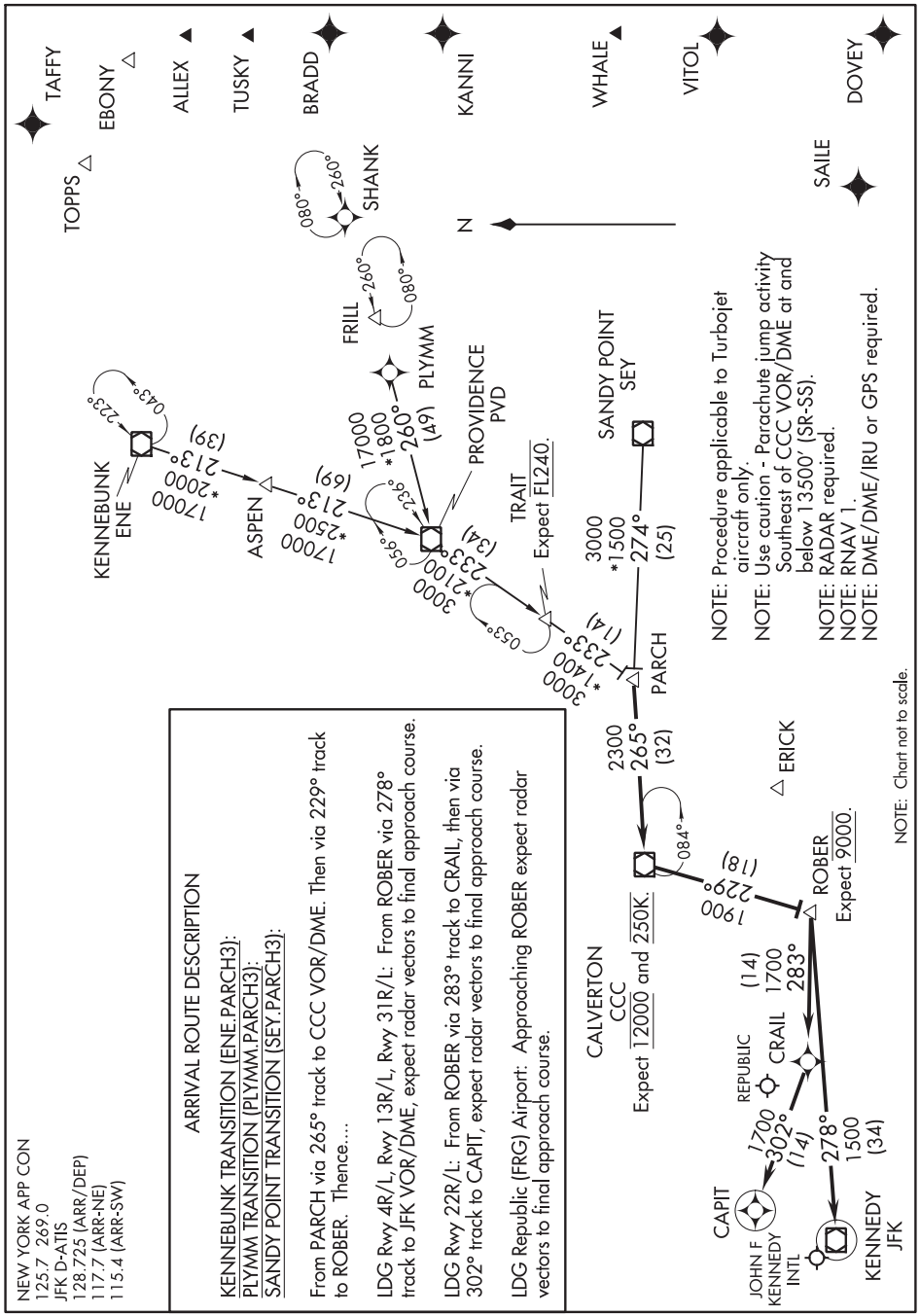
KENNEBUNK TRANSITION (ENE.PARCH3):
PLYMM TRANSITION (PLYMM.PARCH3):
SANDY POINT TRANSITION (SEY.PARCH3):

From PARCH via 265° track to CCC VOR/DME. Then via 229° track to ROBER. Thence....

LDG Rwy 4R/L, Rwy 13R/L, Rwy 31R/L: From ROBER via 278° track to JFK VOR/DME, expect radar vectors to final approach course.

LDG Rwy 22R/L: From ROBER via 283° track to CRAIL, then via 302° track to CAPIT, expect radar vectors to final approach course.

LDG Republic (FRG) Airport: Approaching ROBER expect radar vectors to final approach course.

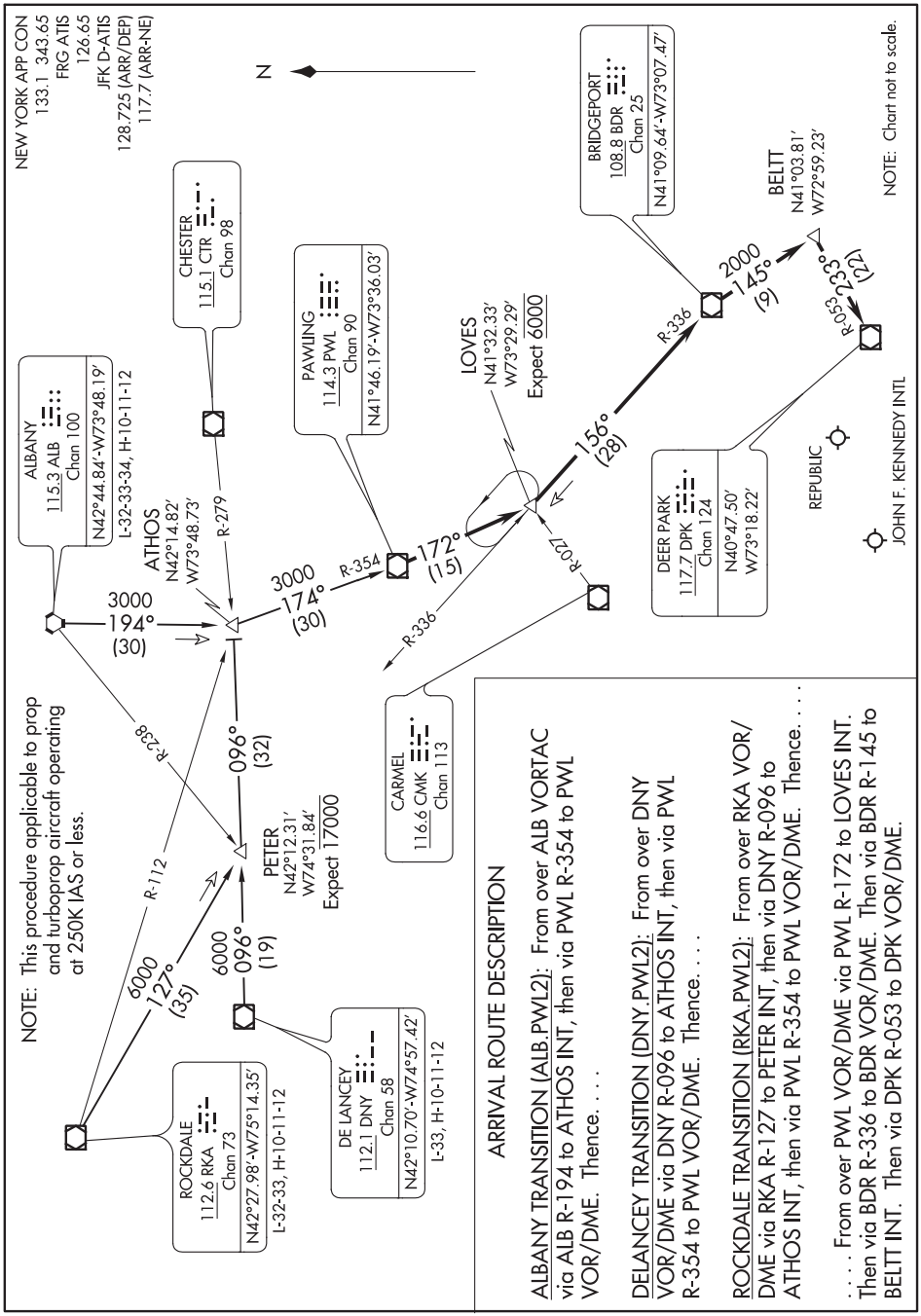


NE-2, 10 SEP 2020 to 05 NOV 2020

PARCH THREE ARRIVAL (RNAV)
NEW YORK, NEW YORK

PAWLING TWO ARRIVAL

NEW YORK, NEW YORK



NE-2, 10 SEP 2020 to 05 NOV 2020

PAWLING TWO ARRIVAL

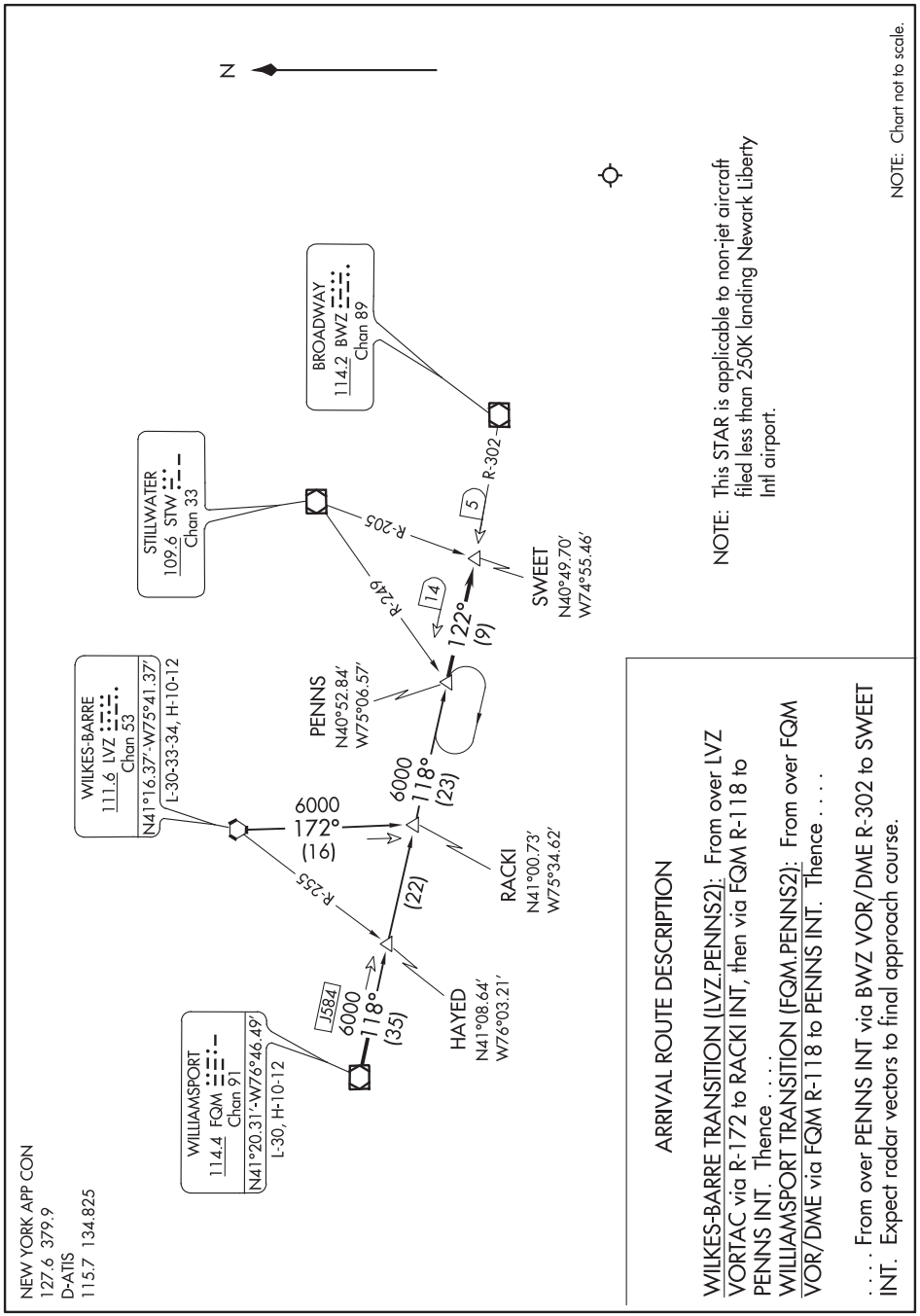
NEW YORK, NEW YORK

(PENNS.PENNS2) 20198

AL-285 (FAA)

PENNS TWO ARRIVAL

NEWARK LIBERTY INTL (EWR)
NEWARK, NEW JERSEY



PENNS TWO ARRIVAL

(PENNS.PENNS2) 05AUG04

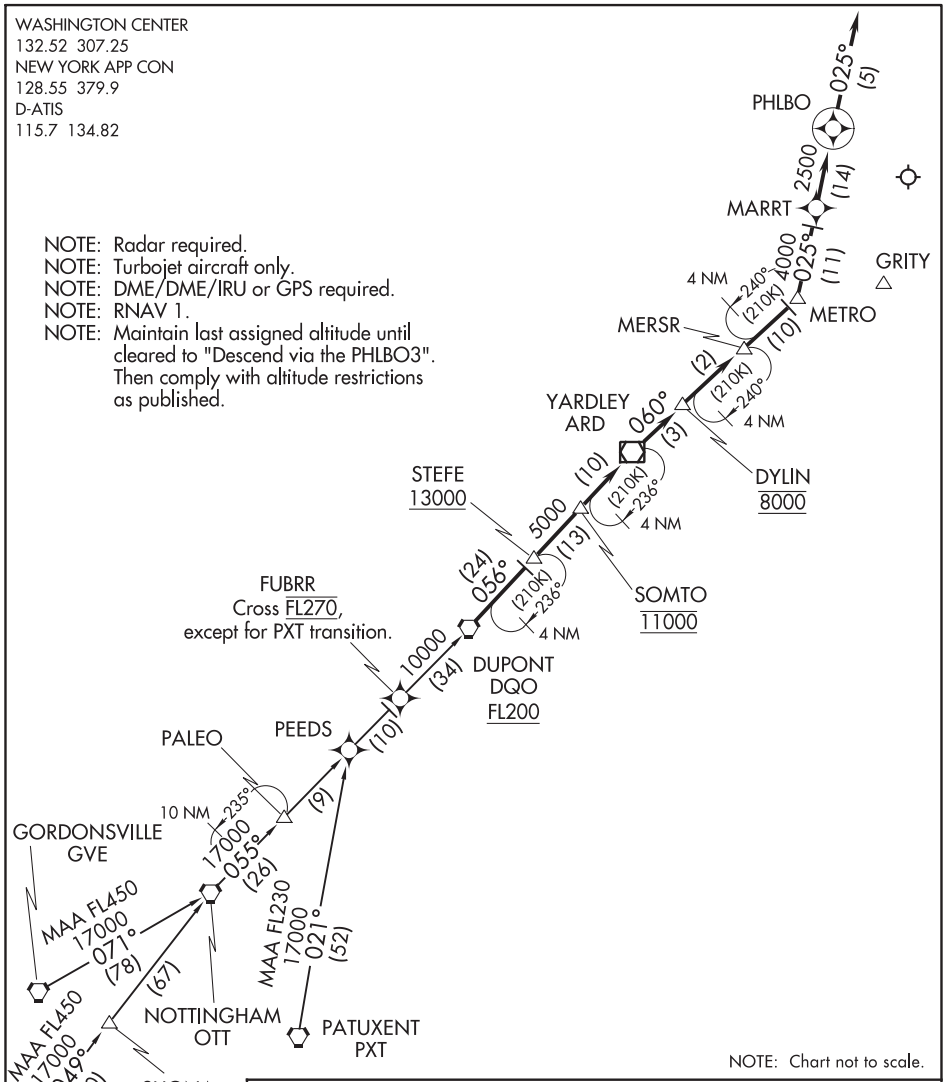
NEWARK, NEW JERSEY
NEWARK LIBERTY INTL (EWR)

PHLBO THREE ARRIVAL (RNAV)

NEWARK LIBERTY INTL (EWR)
NEWARK, NEW JERSEY

WASHINGTON CENTER
132.52 307.25
NEW YORK APP CON
128.55 379.9
D-ATIS
115.7 134.82

NOTE: Radar required.
NOTE: Turbojet aircraft only.
NOTE: DME/DME/IRU or GPS required.
NOTE: RNAV 1.
NOTE: Maintain last assigned altitude until cleared to "Descend via the PHLBO3". Then comply with altitude restrictions as published.



NOTE: Chart not to scale.

ARRIVAL ROUTE DESCRIPTION

FLAT ROCK TRANSITION (FAK.PHLBO3):
GORDONSVILLE TRANSITION (GVE.PHLBO3):
PATUXENT TRANSITION (PXT.PHLBO3):

From DQO VORTAC on track 056° to STEFE, then on track 056° to SOMTO, then on track 056° to ARD VOR/DME, then on track 060° to DYLIN, then on track 060° to MERSR, then on track 060° to METRO, then on track 025° to MARRT, then on track 024° to PHLBO, then on track 025°. Expect RADAR vectors to final approach course.

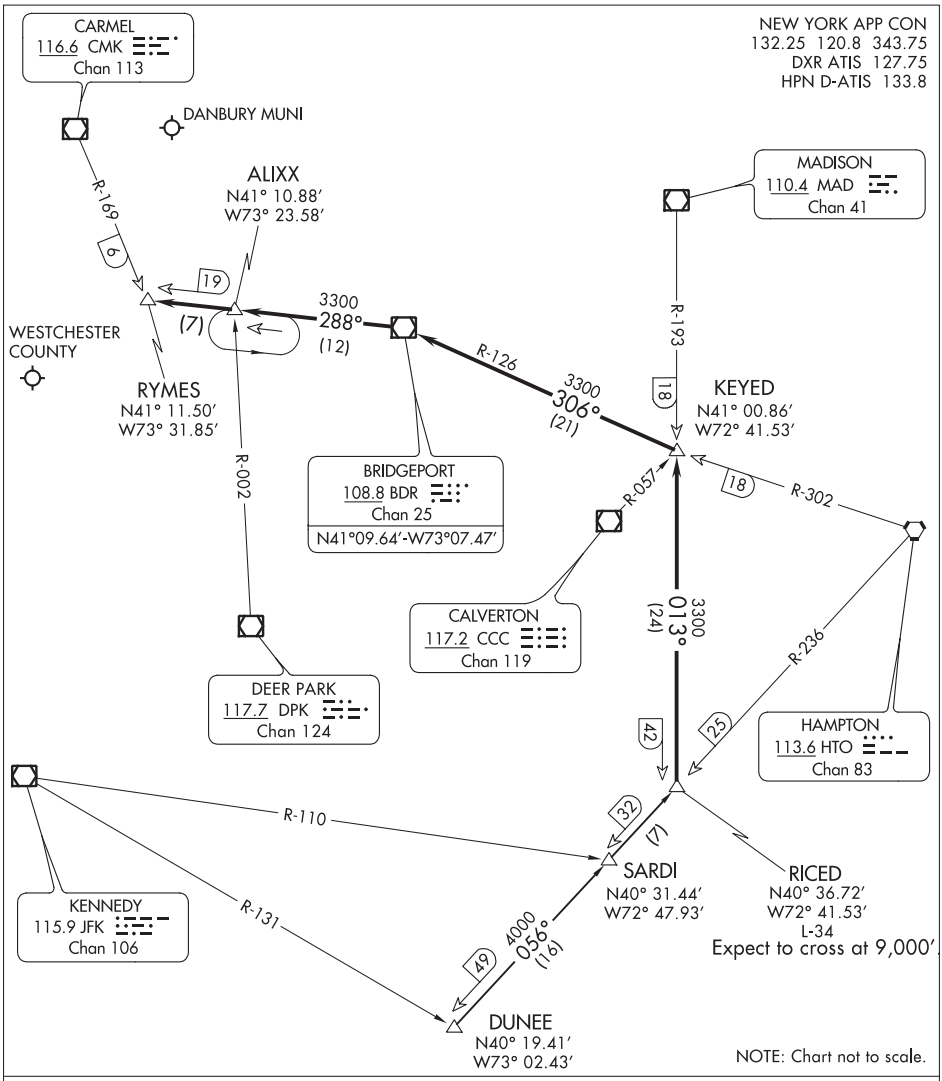
NE-2, 10 SEP 2020 to 05 NOV 2020

(RICED.RICED4) 20198

AL-651 (FAA)

RICED FOUR ARRIVAL

WHITE PLAINS, NEW YORK



NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

ARRIVAL ROUTE DESCRIPTION

DUNEE TRANSITION (DUNEE.RICED4): From over DUNEE INT via HTO R-236 to RICED INT, thence. . . .

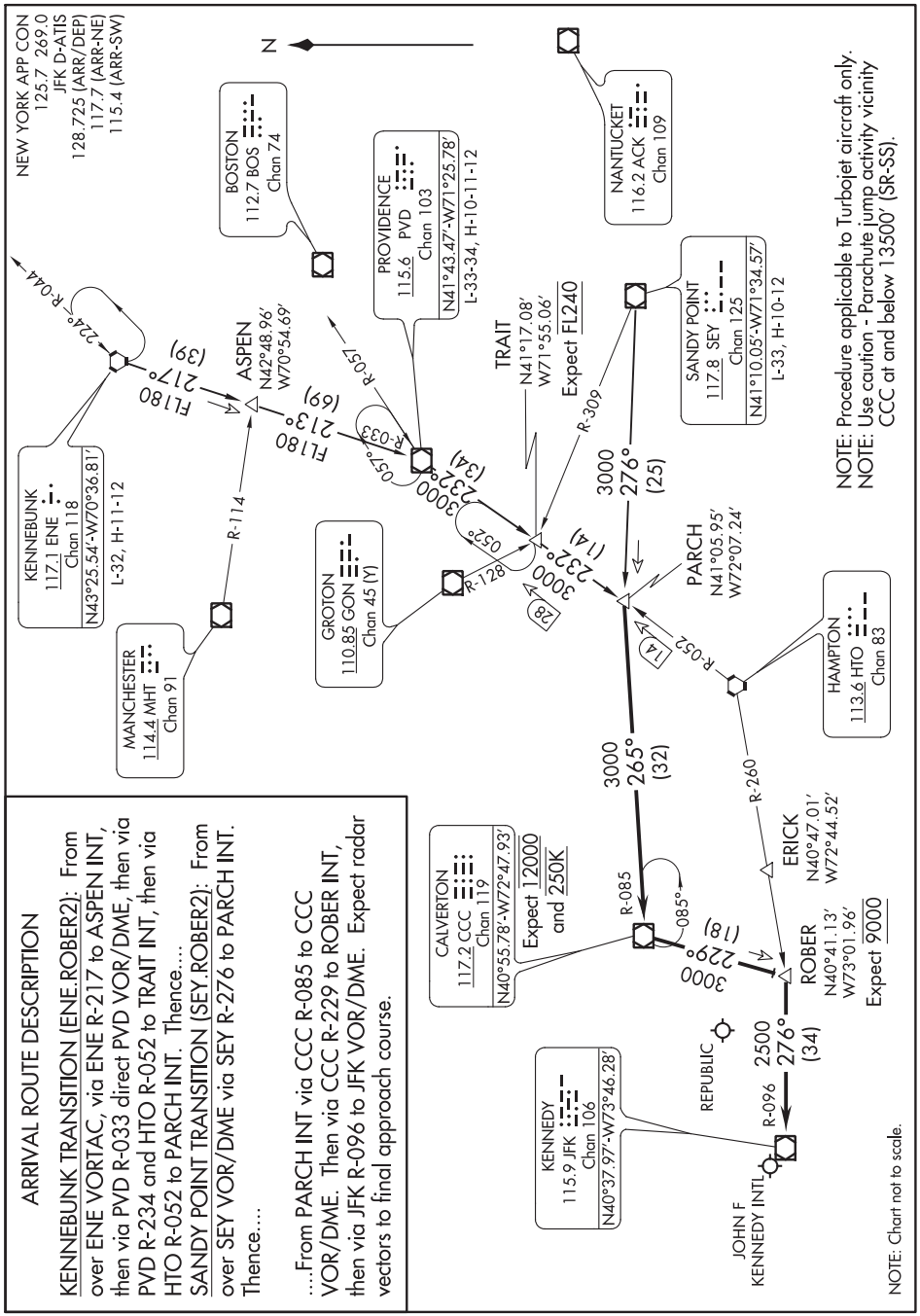
. . . .from over RICED INT via MAD R-193 to intercept BDR R-126 to BDR VOR/DME then via BDR R-288 to RYMES INT. Expect RADAR vectors to final approach course.

RICED FOUR ARRIVAL

WHITE PLAINS, NEW YORK

(RICED.RICED4) 14FEB08

ROBER TWO ARRIVAL

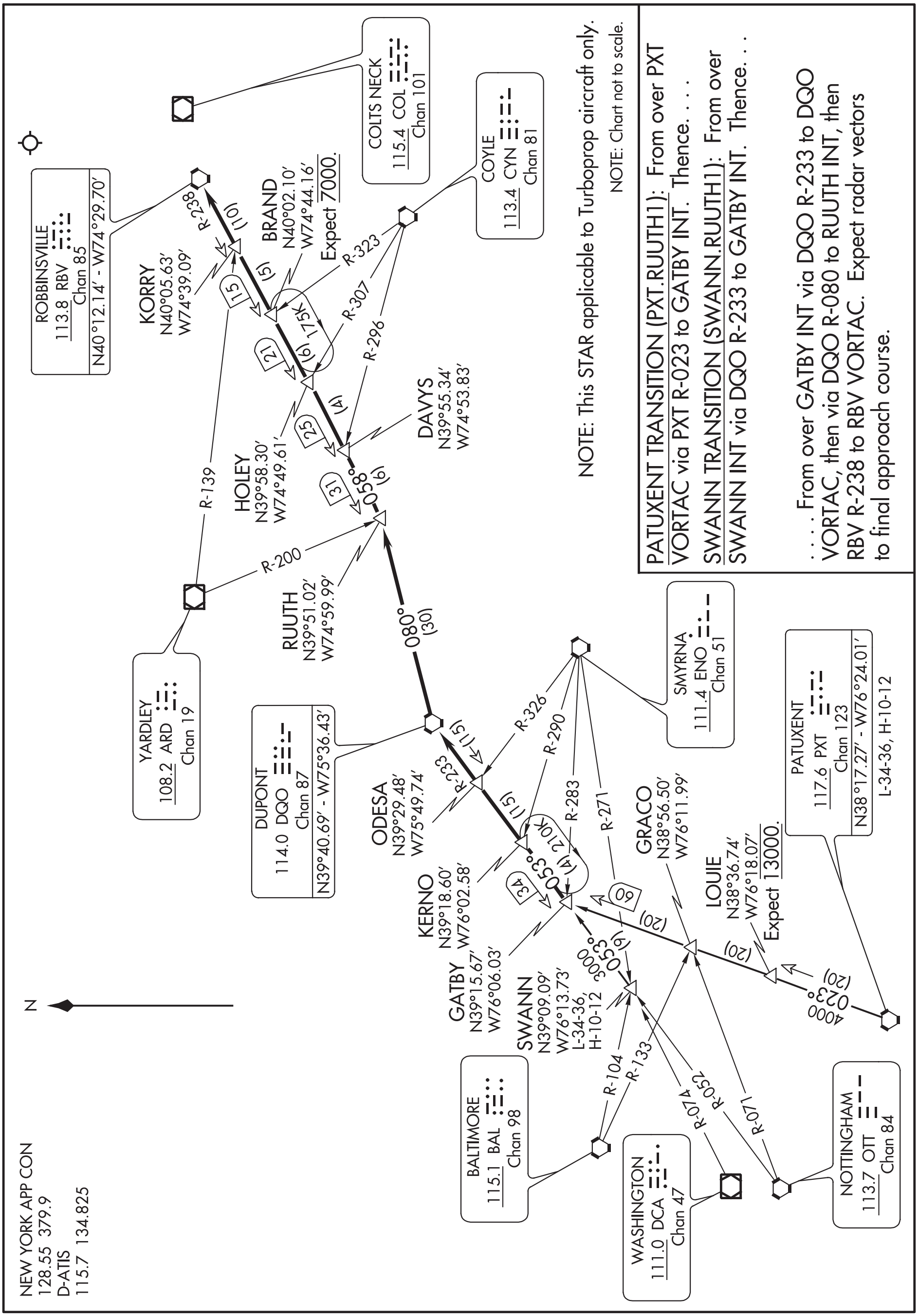


(GATBY.RUUTH1) 20198

RUUTH ONE ARRIVAL

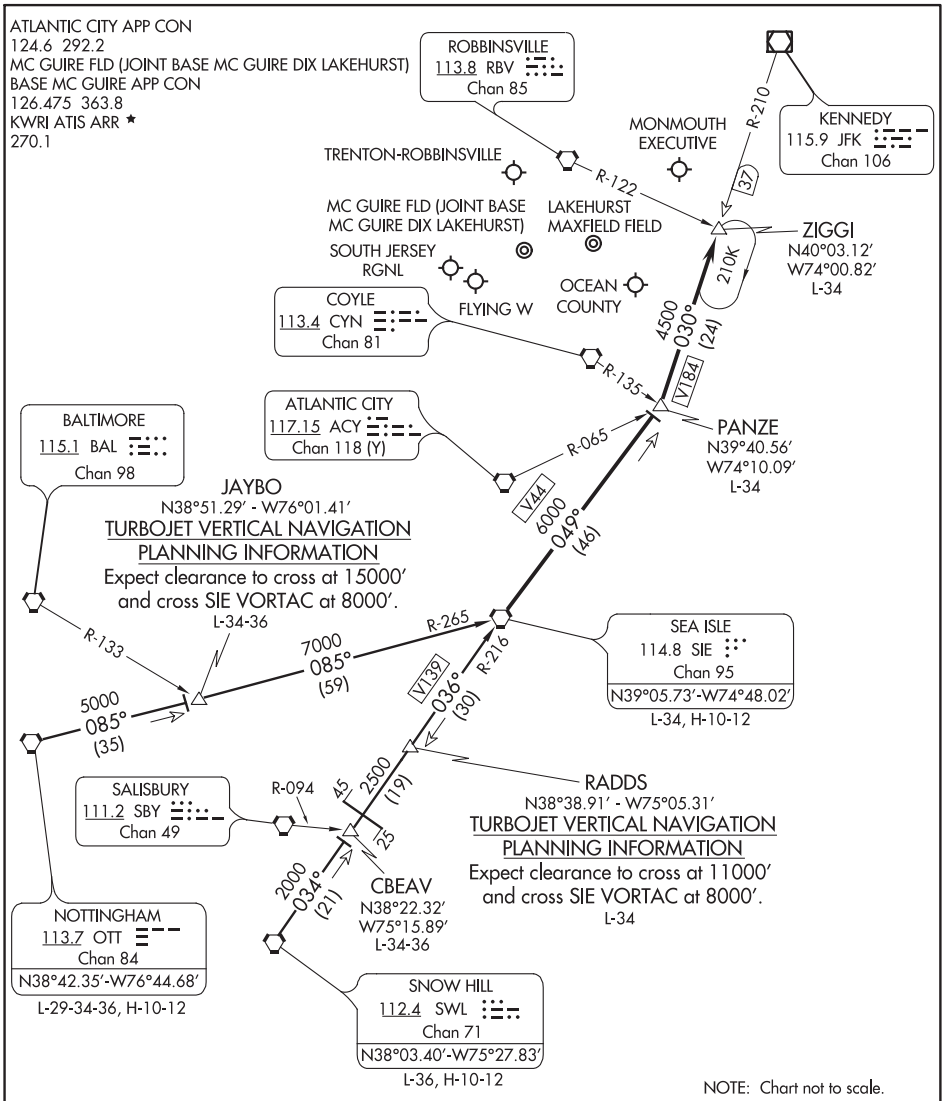
AL-285 (FAA)

NEWARK LIBERTY INTL (EWR)
NEWARK, NEW JERSEY



SEA ISLE FOUR ARRIVAL

TOMS RIVER, NEW JERSEY



NOTTINGHAM TRANSITION (OTT.SIE4): From over OTT VORTAC via OTT R-085 and SIE R-265 to SIE VORTAC. Thence. . . .
SNOW HILL TRANSITION (SWL.SIE4): From over SWL VORTAC via SWL R-034 and SIE R-216 to SIE VORTAC. Thence. . . .

. . . . From over SIE VORTAC via SIE R-049 to PANZE INT. Then via JFK R-210 to ZIGGI INT. Expect radar vectors to final approach course.

NE-2, 10 SEP 2020 to 05 NOV 2020

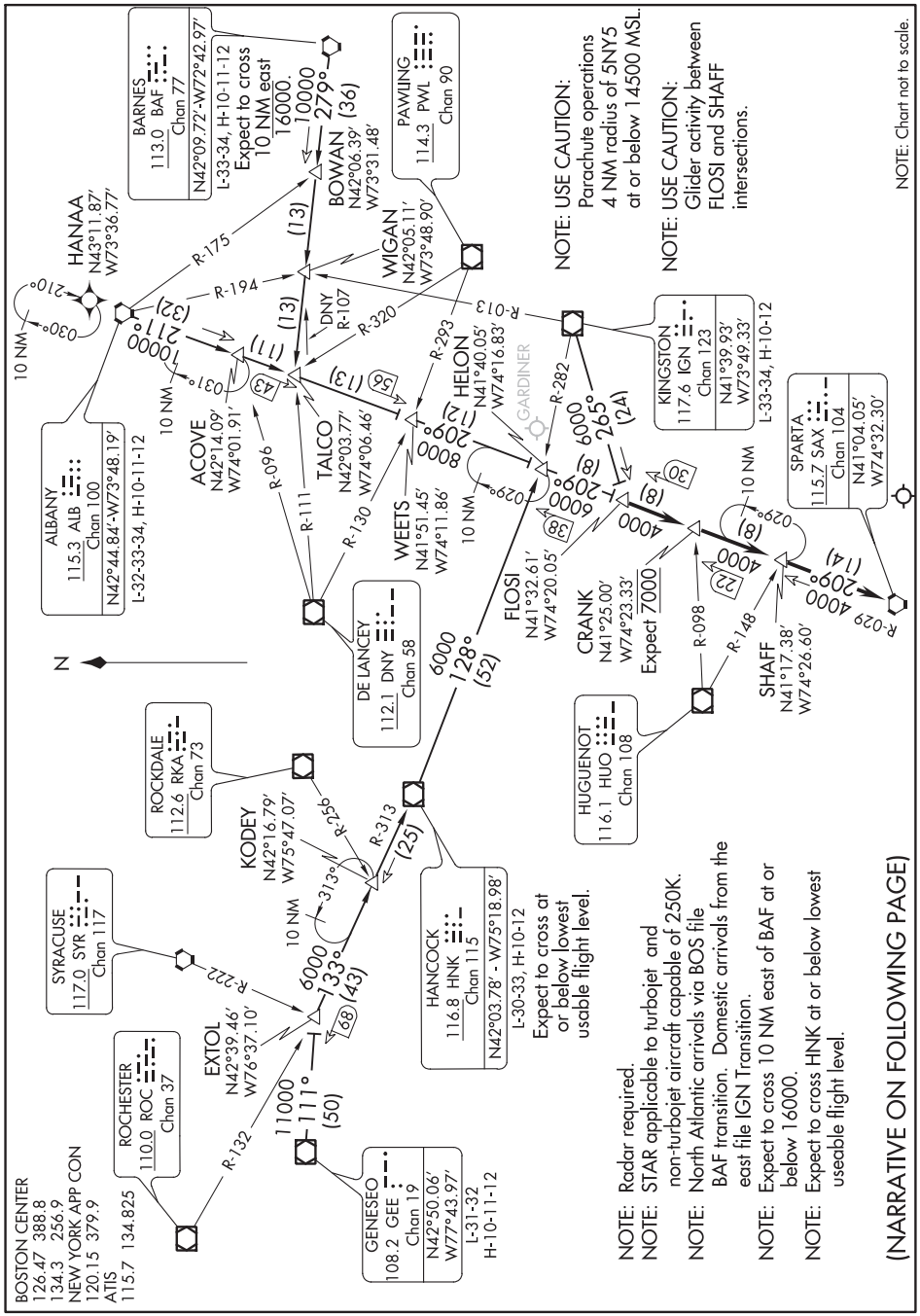
SEA ISLE FOUR ARRIVAL
TOMS RIVER, NEW JERSEY

(SHAFF.SHAFF7) 20254

SHAFF SEVEN ARRIVAL

AL-285 (FAA)

NEWARK LIBERTY INTL (EWR)
NEWARK, NEW JERSEY



SHAFF SEVEN ARRIVAL

(SHAFF.SHAFF7) 31MAY12

NEWARK, NEW JERSEY
NEWARK LIBERTY INTL (EWR)

ARRIVAL ROUTE DESCRIPTION

ALBANY TRANSITION (ALB.SHAFF7): From over ALB VORTAC on ALB R-211 to WEETS INT, then on SAX R-029 to FLOSI INT. Thence. . . .

BARNES TRANSITION (BAF.SHAFF7): From over BAF VORTAC on BAF R-279 to TALCO INT, then on ALB R-211 to WEETS INT, then on SAX R-029 to FLOSI INT. Thence. . . .

GENESEO TRANSITION (GEE.SHAFF7): From over GEE VOR/DME on GEE R-111 to EXTOL INT, then on HNK R-313 to HNK VOR/DME, then on HNK R-128 to HELON INT, then on SAX R-029 to FLOSI INT. Thence. . . .

HANCOCK TRANSITION (HNK.SHAFF7): From over HNK VOR/DME on HNK R-128 to HELON INT, then on SAX R-029 to FLOSI INT. Thence. . . .

KINGSTON TRANSITION (IGN.SHAFF7): From over IGN VOR/DME on IGN R-265 to FLOSI INT. Thence. . . .

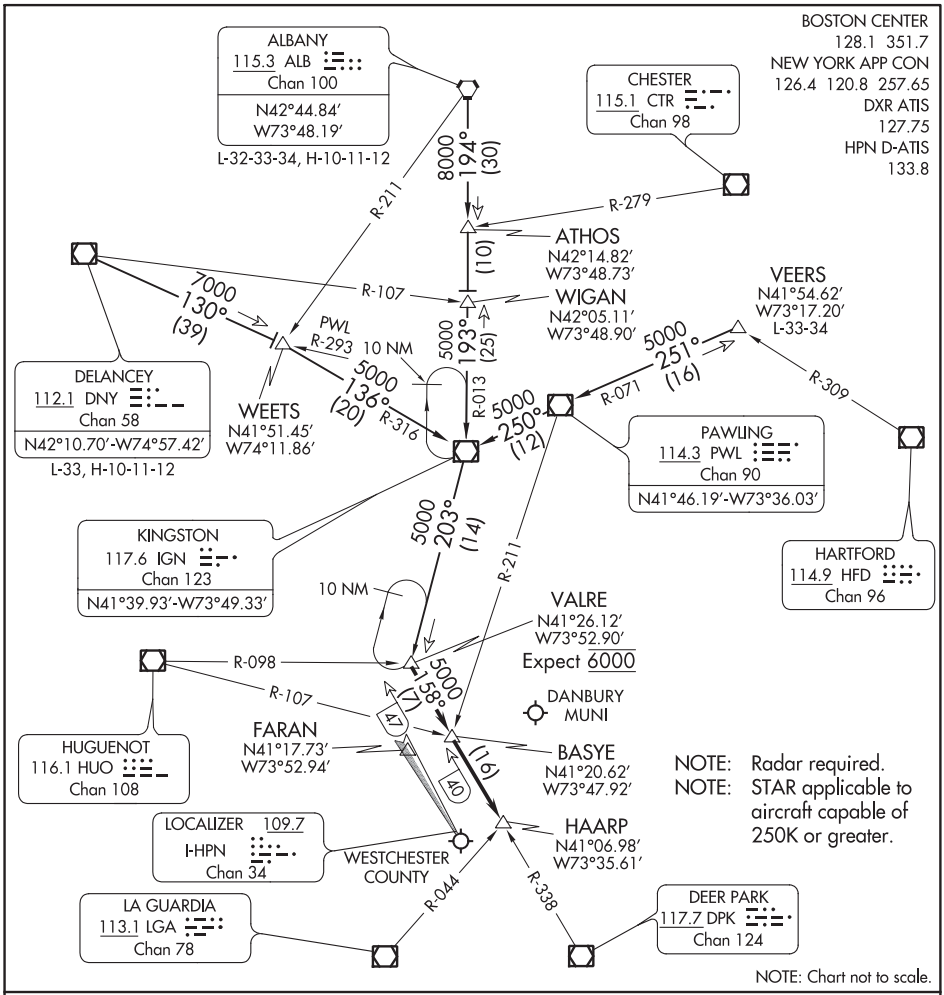
. . . . From over FLOSI INT on SAX R-029 to CRANK INT, then to SHAFF INT, then to SAX VORTAC. Expect radar vectors to final approach course.

NE-2, 10 SEP 2020 to 05 NOV 2020

(VALRE.VALRE5) 20254 AL-651 (FAA)

VALRE FIVE ARRIVAL

WHITE PLAINS, NEW YORK



ARRIVAL ROUTE DESCRIPTION

ALBANY TRANSITION (ALB.VALRE5): From over ALB VORTAC on ALB R-194 to WIGAN INT, then on IGN R-013 to IGN VOR/DME, then on IGN R-203 to VALRE INT. Thence. . . .

DELANCEY TRANSITION (DNY.VALRE5): From over DNY VOR/DME on DNY R-130 to WEETS INT, then on IGN R-316 to IGN VOR/DME, then on IGN R-203 to VALRE INT. Thence. . . .

VEERS TRANSITION (VEERS.VALRE5): From over VEERS INT on PWL R-071 to PWL VOR/DME, then on PWL R-250 to IGN VOR/DME, then on IGN R-203 to VALRE INT. Thence. . . .

. . . .from over VALRE INT on DPK R-338 to BASYE INT, then to HAARP INT. Expect RADAR vectors to final approach course prior to HAARP INT.

VALRE FIVE ARRIVAL

WHITE PLAINS, NEW YORK

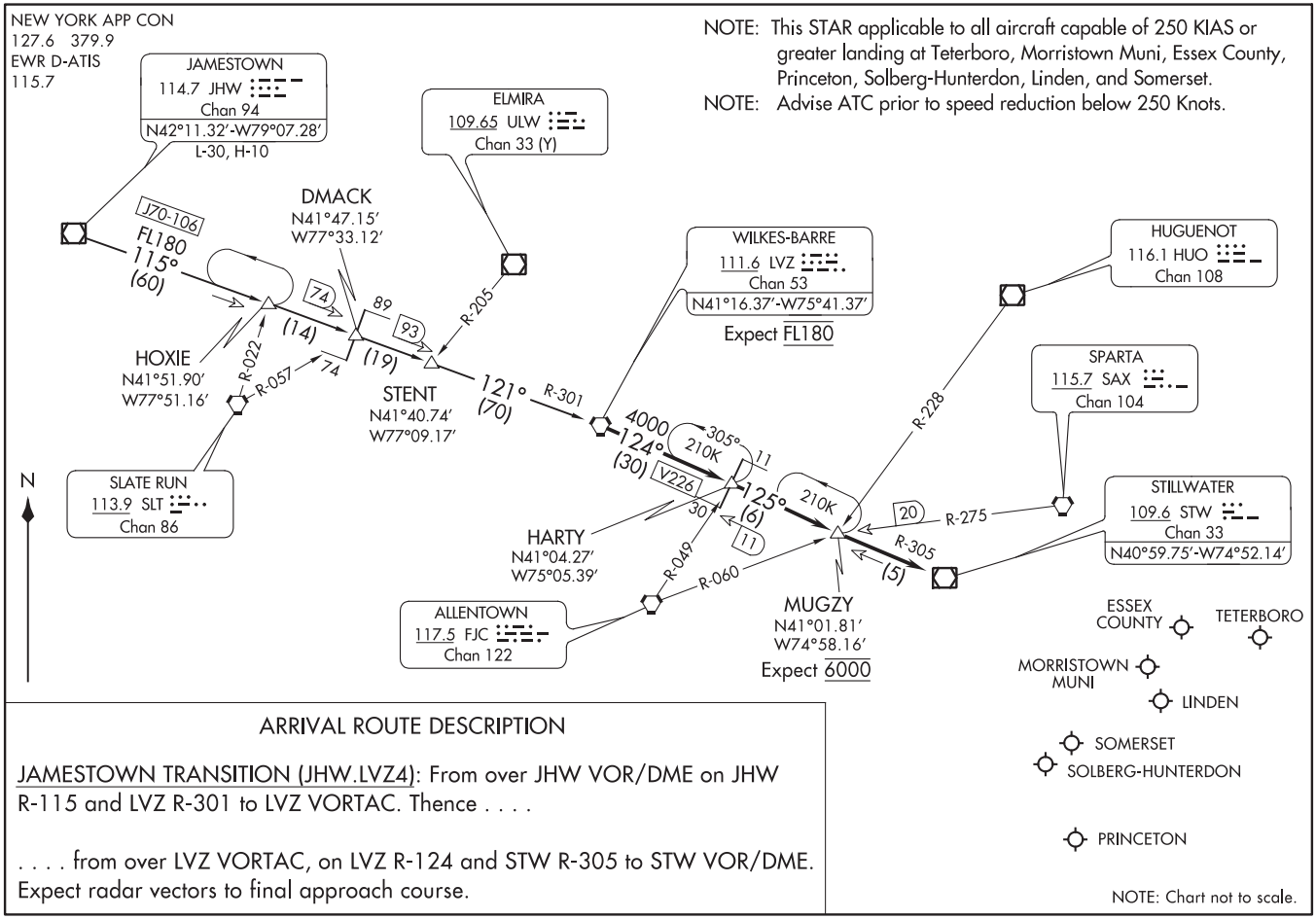
(VALRE.VALRE5) 17OCT13

NE-2, 10 SEP 2020 to 05 NOV 2020

WILKES-BARRE FOUR ARRIVAL

(LVZ.LVZ4) 20OCT11

TETERBORO, NEW JERSEY



NOTE: This STAR applicable to all aircraft capable of 250 KIAS or greater landing at Teterboro, Morristown Muni, Essex County, Princeton, Solberg-Hunterdon, Linden, and Somerset.

NOTE: Advise ATC prior to speed reduction below 250 Knots.

ARRIVAL ROUTE DESCRIPTION

JAMESTOWN TRANSITION (JHW.LVZ4): From over JHW VOR/DME on JHW R-115 and LVZ R-301 to LVZ VORTAC. Thence . . . .

. . . . from over LVZ VORTAC, on LVZ R-124 and STW R-305 to STW VOR/DME. Expect radar vectors to final approach course.

WILKES-BARRE FOUR ARRIVAL

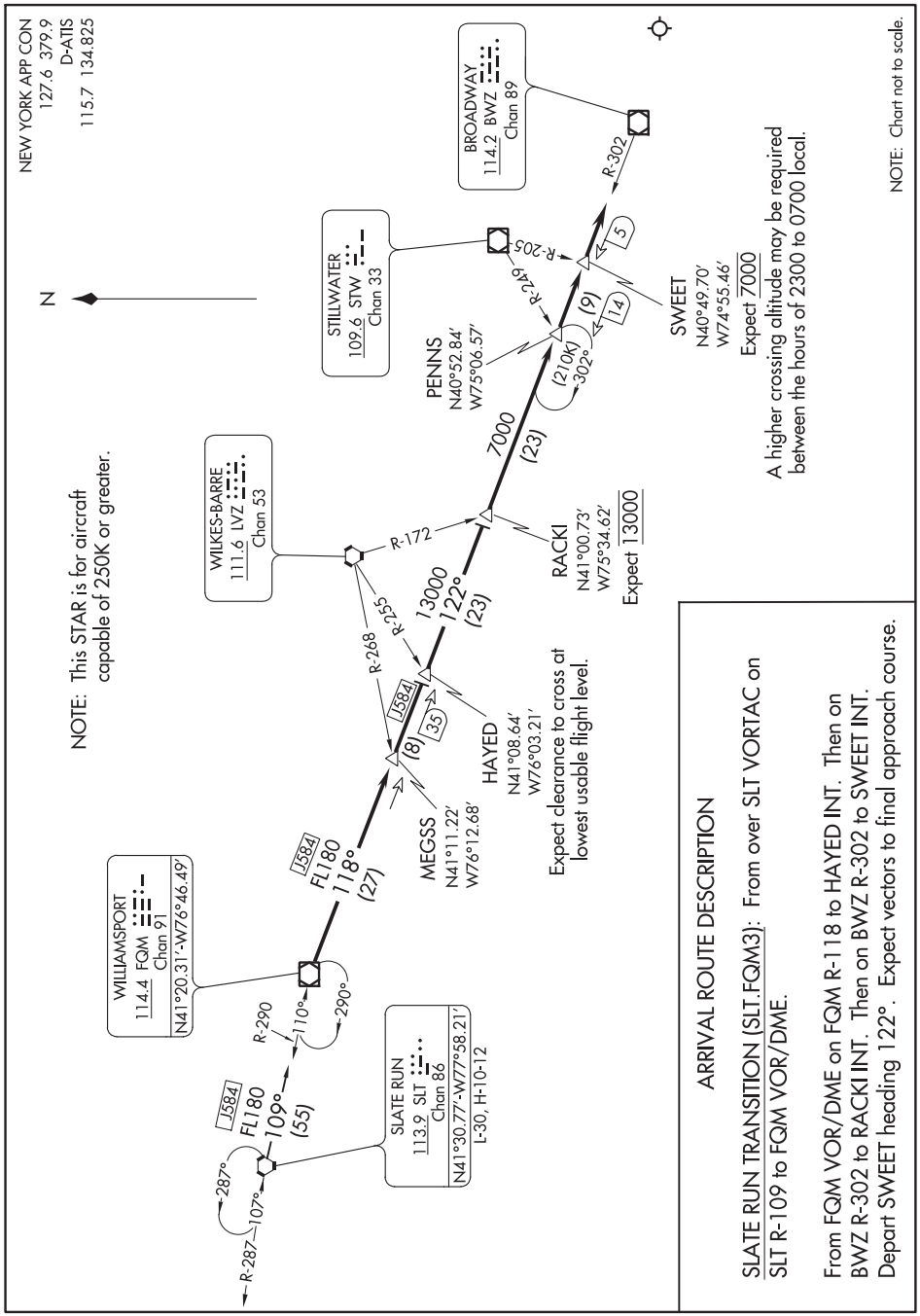
(LVZ.LVZ4) 20254

TETERBORO, NEW JERSEY

(FQM.FQM3) 20198

WILLIAMSPORT THREE ARRIVAL

NEWARK LIBERTY INTL (EWR)
NEWARK, NEW JERSEY



ARRIVAL ROUTE DESCRIPTION

SLATE RUN TRANSITION (SLT.FQM3): From over SLT VORTAC on SLT R-109 to FQM VOR/DME.

From FQM VOR/DME on FQM R-118 to HAYED INT. Then on BWZ R-302 to RACKI INT. Then on BWZ R-302 to SWEET INT. Depart SWEET heading 122°. Expect vectors to final approach course.

NE-2, 10 SEP 2020 to 05 NOV 2020

WILLIAMSPORT THREE ARRIVAL

(FQM.FQM3) 31MAY12

NEWARK, NEW JERSEY
NEWARK LIBERTY INTL (EWR)

WAAS CH 93633 W07A	APP CRS 071°	Rwy ldg 3268 TDZE 839 Apt Elev 840

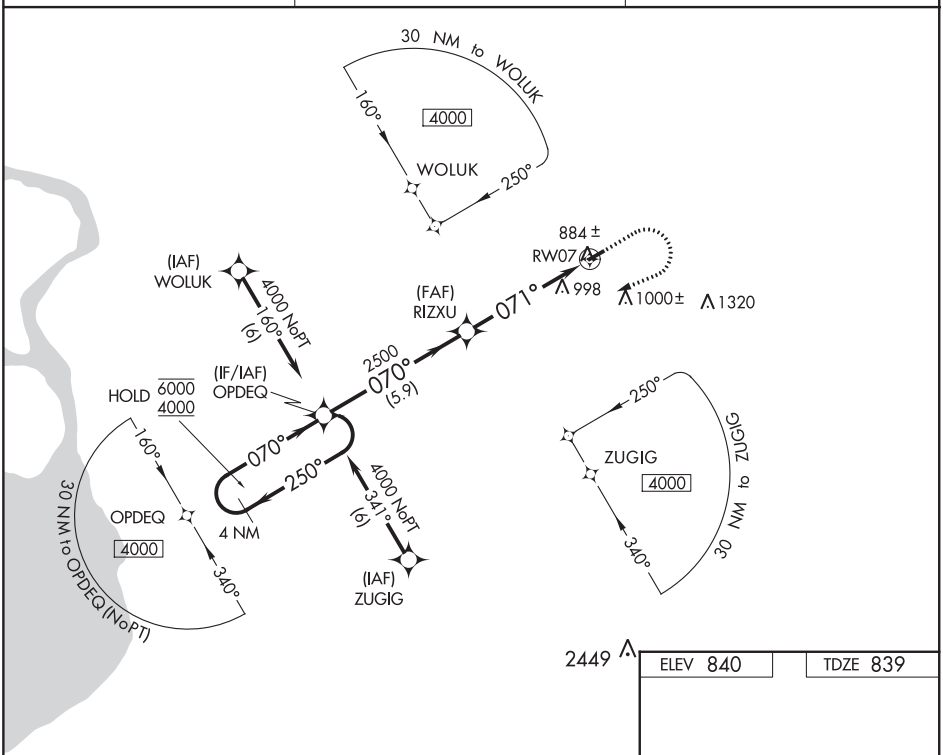
RNAV (GPS) RWY 7
AKRON/JESSON FIELD (9G3)

RNP APCH.

Procedure NA at night. Use Buffalo altimeter setting.
NA Rwy 7 helicopter visibility reduction below 1 SM NA.

MISSED APPROACH: Climb to 1300 then climbing right turn to 4000 direct OPDEQ and hold, continue climb-in-hold to 4000.

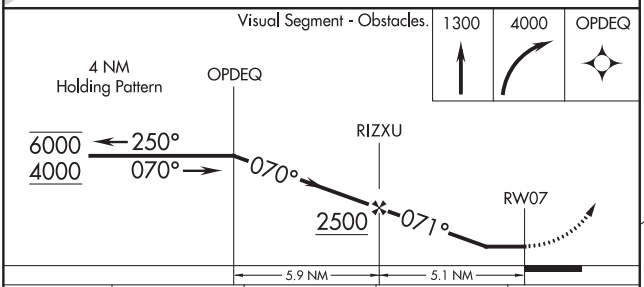
BUF ASOS	BUFFALO APP CON	UNICOM
135.35	126.15 263.125	122.725 (CTAF) L

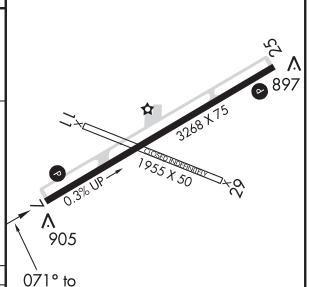


ELEV 840	TDZE 839

Visual Segment - Obstacles.

1300	4000	OPDEQ





CATEGORY	A	B	C	D
LP MDA	1180-1 341 (400-1)		NA	
LNAV MDA	1300-1 461 (500-1)		NA	
C CIRCLING	1380-1 540 (600-1)		NA	

MIRL Rwy 7-25 L
REIL Rwy 25

NE-2, 10 SEP 2020 to 05 NOV 2020
NE-2, 10 SEP 2020 to 05 NOV 2020

AKRON, NEW YORK | AL-5971 (FAA) | 20198

RNAV (GPS) RWY 25
AKRON/JESSON FIELD (9G3)

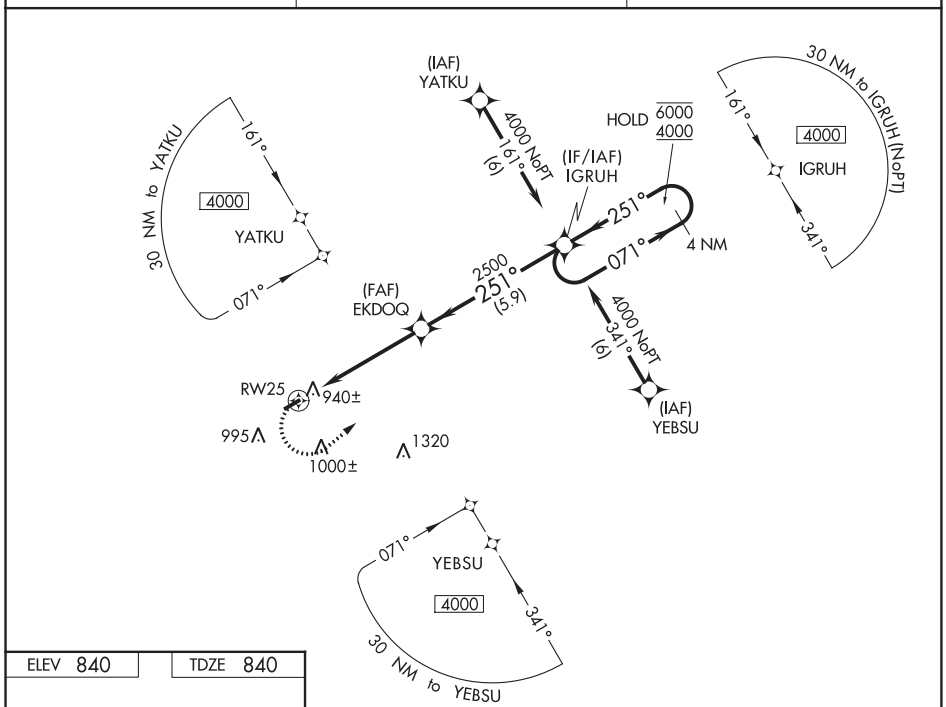
WAAS CH 40233 W25A	APP CRS 251°	Rwy ldg 3268 TDZE 840 Apt Elev 840

RNP APCH.

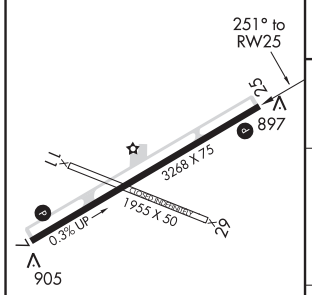
Rwy 25 helicopter visibility reduction below 1 SM NA. Use Buffalo altimeter setting. Procedure NA at night.

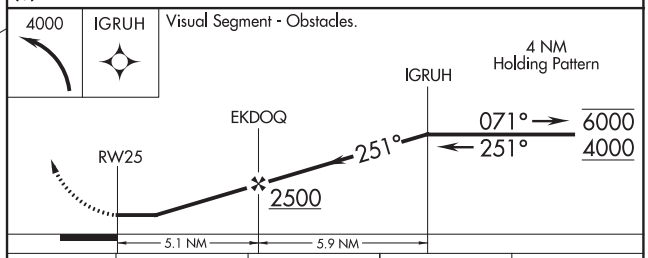
MISSED APPROACH: Climbing left turn to 4000 direct IGRUH and hold, continue climb-in-hold to 4000.

BUF ASOS	BUFFALO APP CON	UNICOM
135.35	126.15 263.125	122.725 (CTAF) L



ELEV 840	TDZE 840





CATEGORY	A	B	C	D
LP MDA	1240-1	400 (400-1)	NA	
LNAV MDA	1300-1	460 (500-1)	NA	
C CIRCLING	1380-1	540 (600-1)	NA	

MIRL Rwy 7-25 L
REIL Rwy 25

NE-2, 10 SEP 2020 to 05 NOV 2020
NE-2, 10 SEP 2020 to 05 NOV 2020

ILS or LOC RWY 1
ALBANY INTL (ALB)

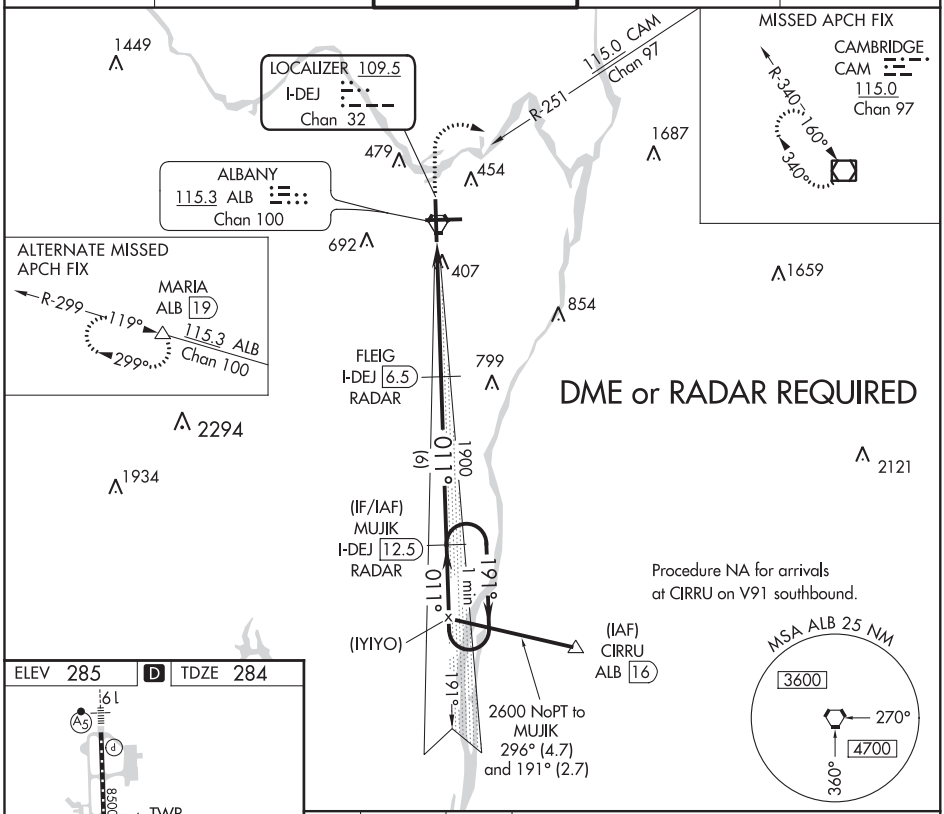
LOC/DME I-DEJ	APP CRS	Rwy ldg	8500
109.5	011°	TDZE	284
Chan 32		Apt Elev	285

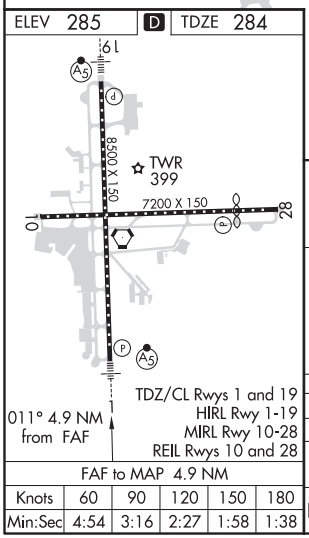
Circling NA west of Rwy 1-19. DME or RADAR required.

MALSR

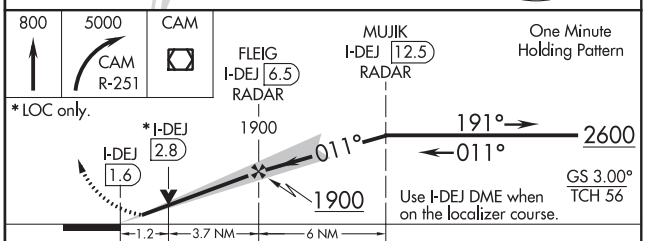
MISSED APPROACH: Climb to 800 then climbing right turn to 5000 and on CAM VOR/DME R-251 to CAM VOR/DME and hold.

D-ATIS	ALBANY APP CON	ALBANY TOWER	GND CON	CLNC DEL
120.45	132.825 307.2	119.5 257.8	121.7 348.6	127.50





FAF to MAP 4.9 NM					
Knots	60	90	120	150	180
Min:Sec	4:54	3:16	2:27	1:58	1:38



CATEGORY	A	B	C	D
S-ILS 1	484/18 200 (200-½)			
S-LOC 1	720/24 436 (500-½)		720/40 436 (500-¾)	
C CIRCLING	820-1 535 (600-1)		820-1½ 535 (600-1½)	960-2¼ 675 (700-2¼)

NE-2, 10 SEP 2020 to 05 NOV 2020

ALBANY, NEW YORK — AL-10 (FAA) — 20198

ILS or LOC RWY 19
ALBANY INTL (ALB)

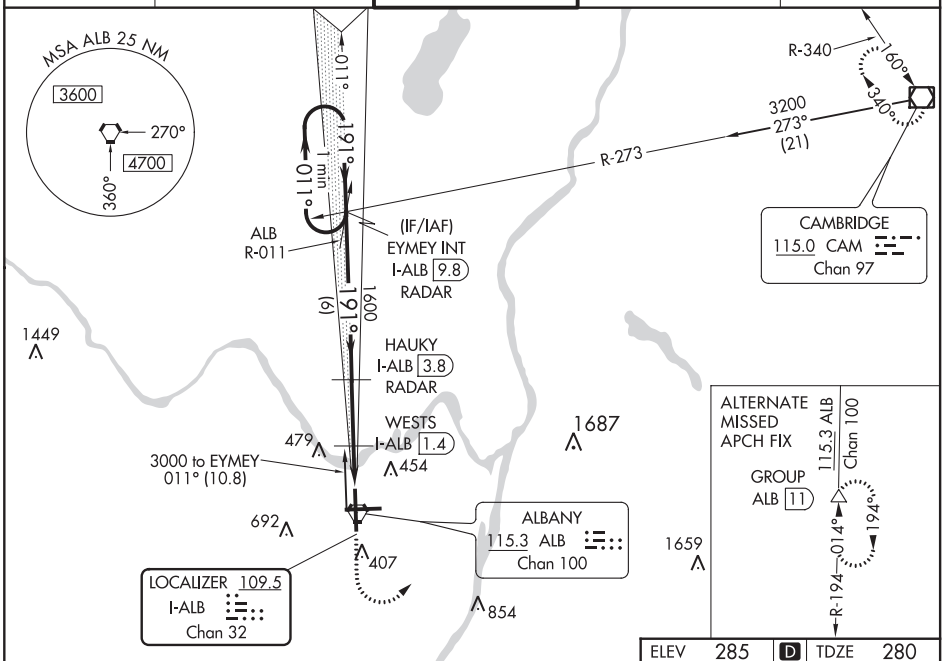
LOC/DME I-ALB	APP CRS	Rwy ldg	8500
109.5	191°	TDZE	280
Chan 32		Apt Elev	285

Circling NA west of Rwy 1-19.
DME or RADAR required.

MALSR

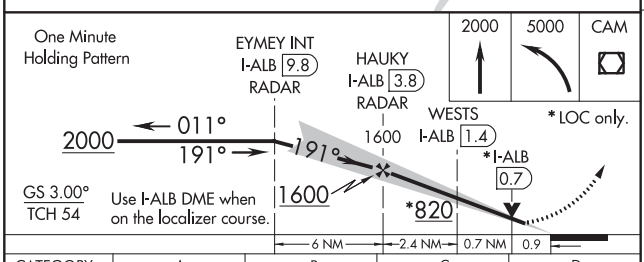
MISSED APPROACH: Climb to 2000 then climbing left turn to 5000 direct CAM VOR/DME and hold.

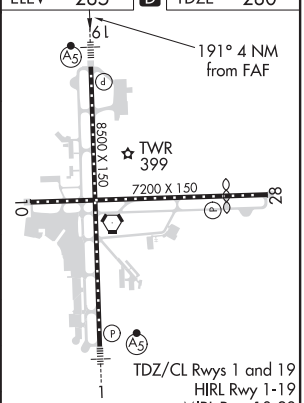
D-ATIS	ALBANY APP CON	ALBANY TOWER	GND CON	CLNC DEL
120.45	132.825 307.2	119.5 257.8	121.7 348.6	127.50



NE-2, 10 SEP 2020 to 05 NOV 2020

ELEV 285 | D | TDZE 280





TDZ/CL Rwys 1 and 19
HIRL Rwy 1-19
MIRL Rwy 10-28
REIL Rwys 10 and 28

CATEGORY	A	B	C	D
S-ILS 19	480/18 200 (200-½)			
S-LOC 19	820/24 540 (600-½)		820/55 540 (600-1)	
C CIRCLING	820-1 535 (600-1)		820-1½ 535 (600-1½)	960-2¼ 675 (700-2¼)
WESTS FIX MINIMUMS				
S-LOC 19	620/24 340 (400-½)		620/26 340 (400-½)	
C CIRCLING	820-1 535 (600-1)		820-1½ 535 (600-1½)	960-2¼ 675 (700-2¼)

FAF to MAP 4 NM

Knots	60	90	120	150	180
Min:Sec	4:00	2:40	2:00	1:36	1:20

LOC/DME I-DEJ	APP CRS	Rwy ldg	8500
109.5	011°	TDZE	284
Chan 32		Apt Elev	285

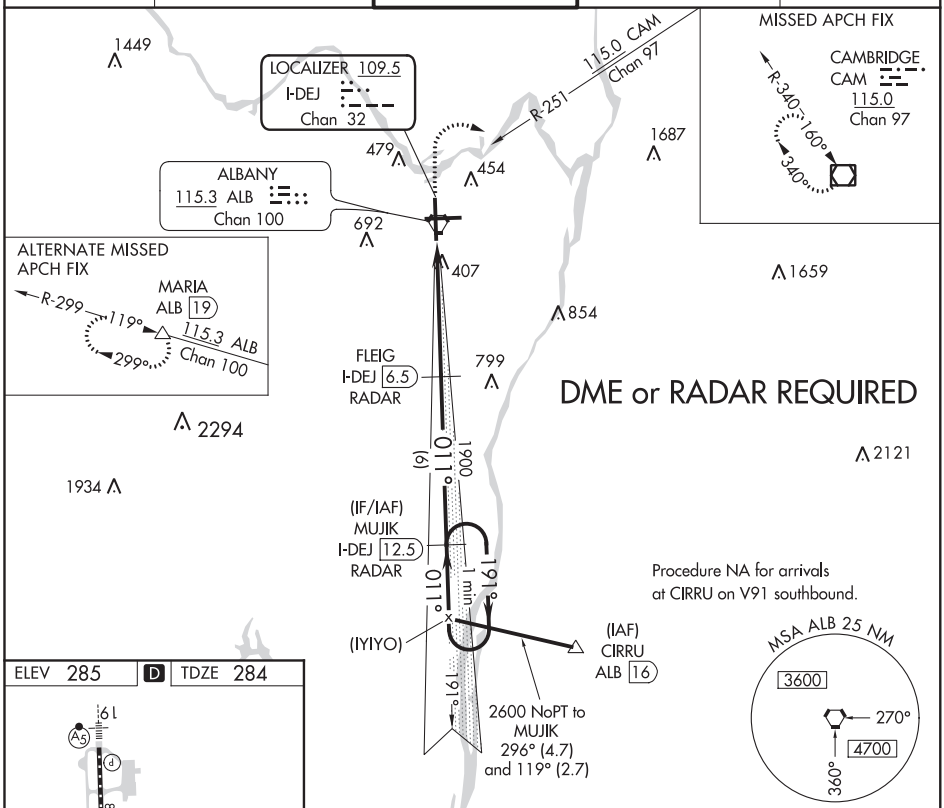
ILS RWY 1 (SA CAT II)
ALBANY INTL (ALB)

DME or RADAR required. Reduced Lighting: Requires specific OPSPEC, MSPEC, or LOA approval and use of autoland or HUD to touchdown.

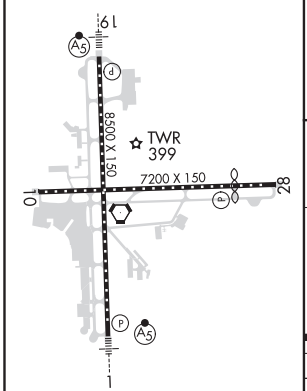
MALSR

MISSED APPROACH: Climb to 800 then climbing right turn to 5000 and on CAM VOR/DME R-251 to CAM VOR/DME and hold.

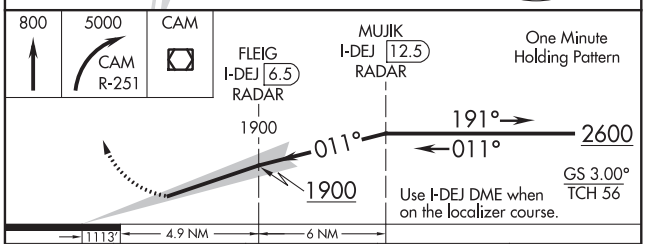
D-ATIS	ALBANY APP CON	ALBANY TOWER	GND CON	CLNC DEL
120.45	132.825 307.2	119.5 257.8	121.7 348.6	127.50



ELEV 285 D TDZE 284



TDZ/CL Rwy 1 and 19
HIRL Rwy 1-19
MIRL Rwy 10-28
REIL Rwys 10 and 28



CATEGORY	A	B	C	D
S-ILS 1	RA 100/12 100 DA 384			

SA CATEGORY II ILS - SPECIAL AIRCREW & AIRCRAFT CERTIFICATION REQUIRED

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

ALBANY, NEW YORK

AL-10 (FAA)

20198

RNAV (RNP) Z RWY 1

ALBANY INTL (ALB)

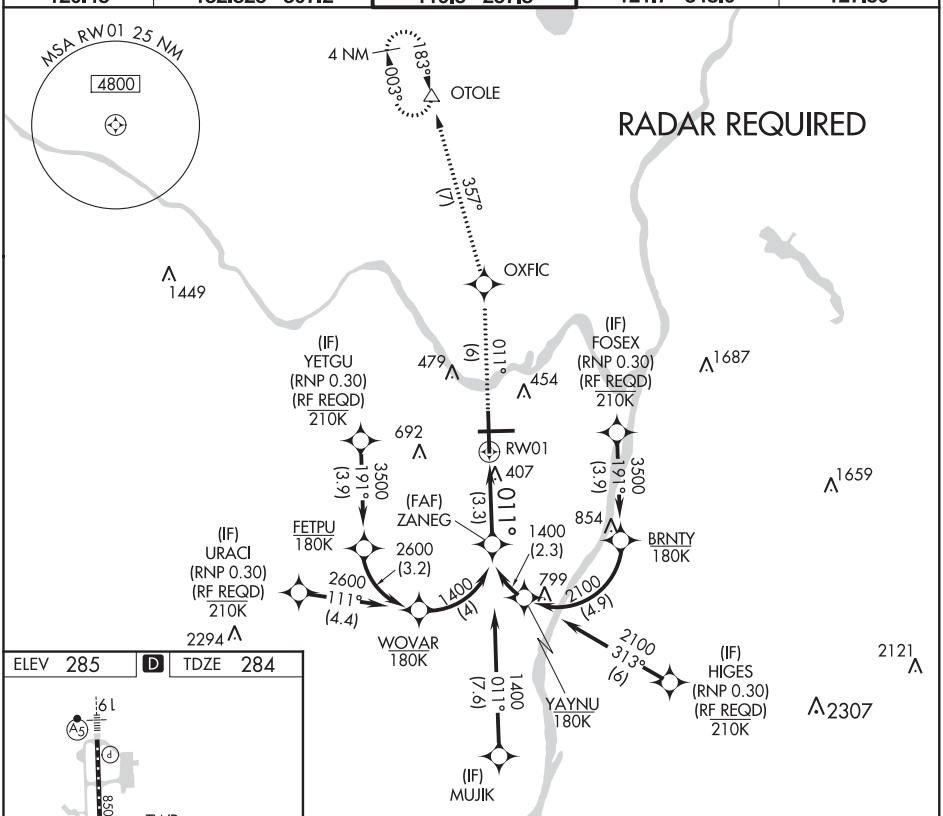
APP CRS	Rwy ldg	8500
011°	TDZE	284
	Apt Elev	285

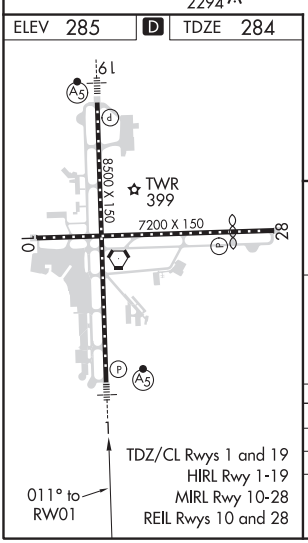
GPS required. For uncompensated Baro-VNAV systems, procedure NA below -15°C (3°F) or above 47°C (117°F). For inoperative MALSR, increase RNP 0.15 visibility to 1¼ and RNP 0.30 visibility to 1½.

MALSR

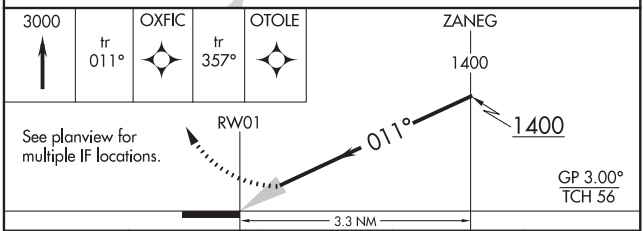
MISSED APPROACH: Climb to 3000 on track 011° to OXFIC and on track 357° to OTOLE and hold.

D-ATIS	ALBANY APP CON	ALBANY TOWER	GND CON	CLNC DEL
120.45	132.825 307.2	119.5 257.8	121.7 348.6	127.50





3000	tr 011°	OXFIC	tr 357°	OTOLE



CATEGORY	A	B	C	D
RNP 0.15 DA	656/40 372 (400-¾)			
RNP 0.30 DA	727/50 443 (500-1)			

AUTHORIZATION REQUIRED

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

ALBANY, NEW YORK
Orig-A 24JUL14

42°45'N-73°48'W

ALBANY INTL (ALB)
RNAV (RNP) Z RWY 1

RNAV (RNP) Z RWY 19

ALBANY INTL (ALB)

APP CRS	Rwy ldg	8500
191°	TDZE	280
	Apt Elev	285

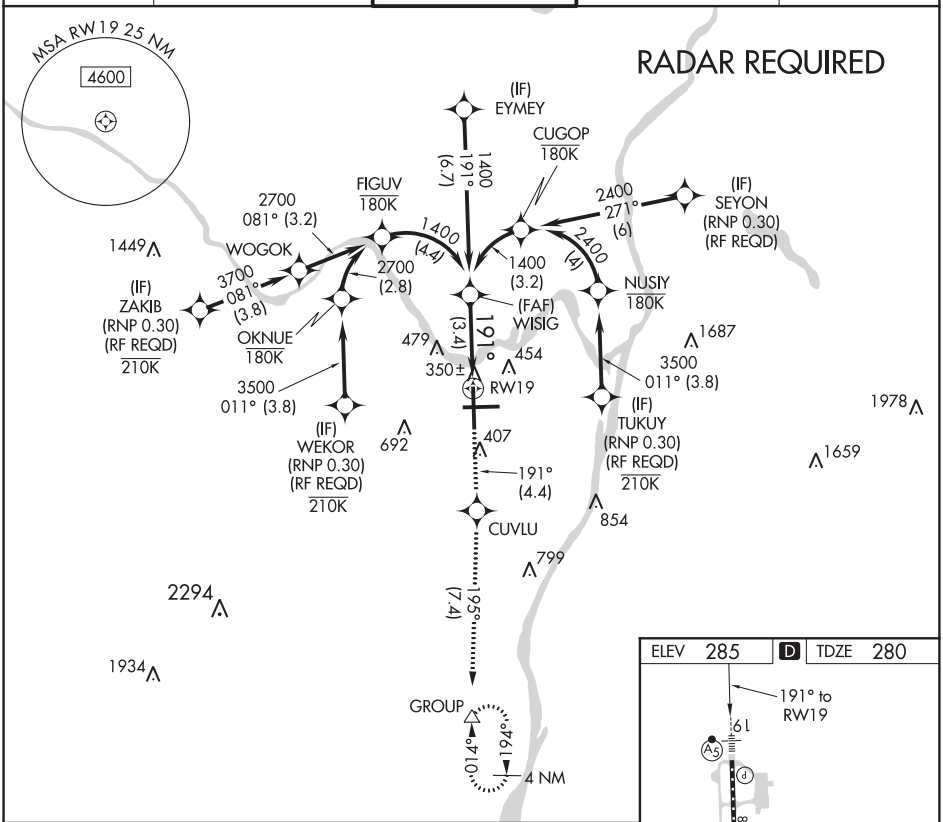
RNP AR APCH.

For uncompensated Baro-VNAV systems, procedure NA below -15°C or above 47°C. For inop ALS increase RNP 0.30 visibility to 1⅜.

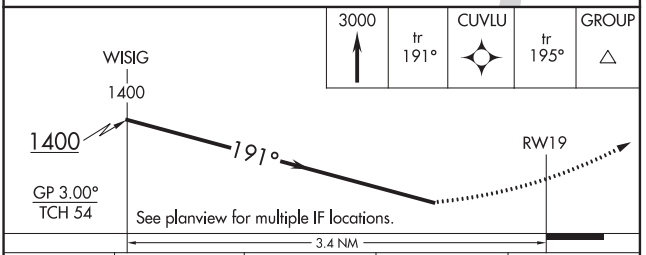
MALSR

MISSED APPROACH: Climb to 3000 on track 191° to CUVLU and on track 195° to GROUP and hold.

D-ATIS	ALBANY APP CON	ALBANY TOWER	GND CON	CLNC DEL
120.45	132.825 307.2	119.5 257.8	121.7 348.6	127.50

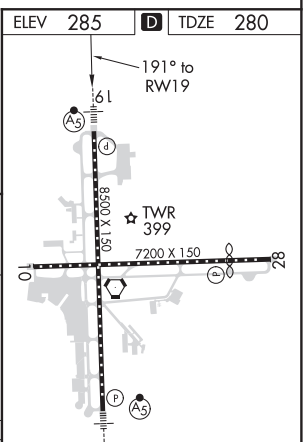


3000	tr 191°	CUVLU	tr 195°	GROUP



CATEGORY	A	B	C	D
RNP 0.30 DA	763/50 483 (500-1)			

AUTHORIZATION REQUIRED



TDZ/CL Rwys 1 and 19
HIRL Rwy 1-19
MIRL Rwy 10-28
REIL Rwys 10 and 28

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

ALBANY, NEW YORK AL-10 (FAA) 20226

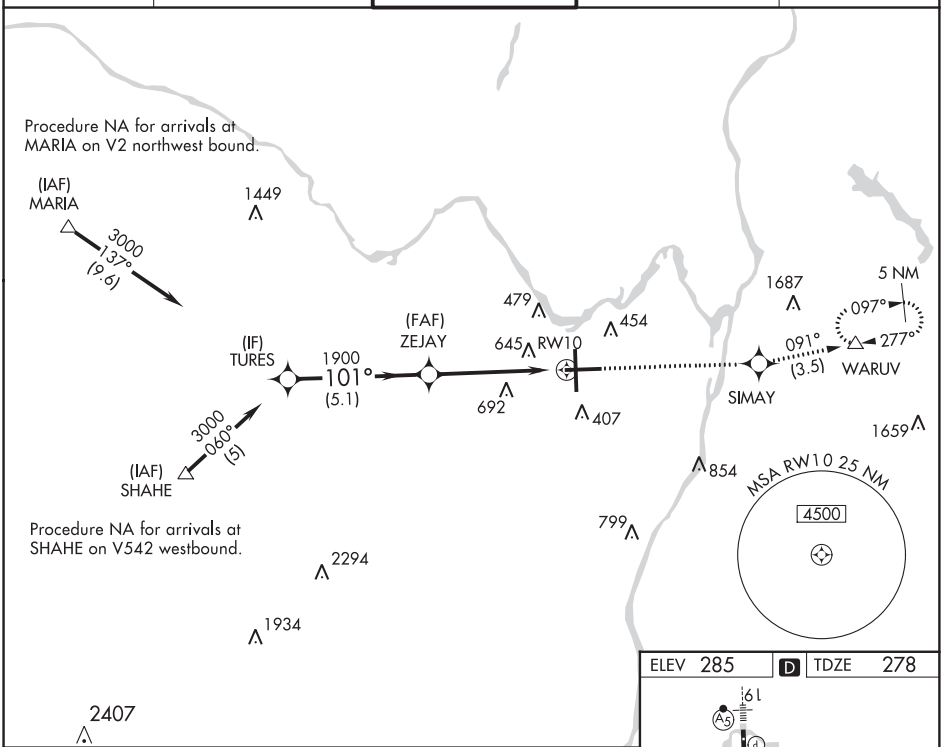
RNAV (GPS) RWY 10
ALBANY INTL (ALB)

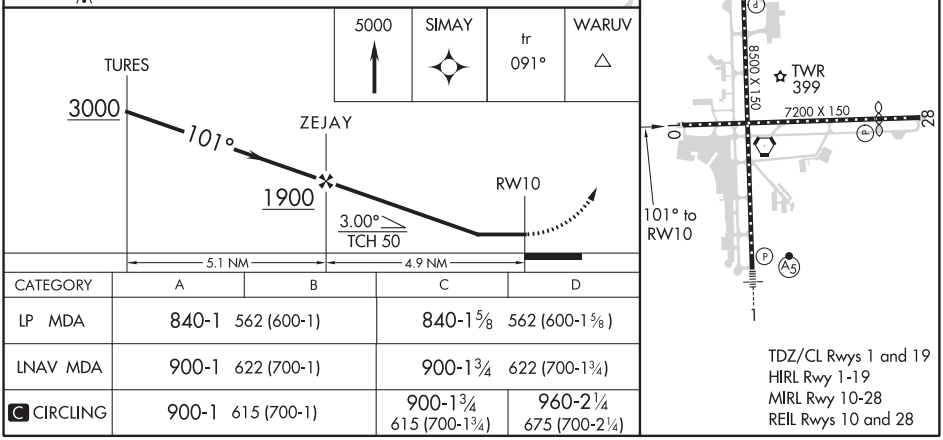
WAAS CH 97523 W10A	APP CRS 101°	Rwy ldg 6780 TDZE 278 Apt Elev 285

Circling NA West of Rwy 1-19. DME/DME RNP-0.3 NA.
Helicopter visibility reduction below ¾ SM NA.

MISSED APPROACH: Climb to 5000 direct SIMAY and on track 091° to WARUV and hold, continue climb-in-hold to 5000.

D-ATIS	ALBANY APP CON	ALBANY TOWER	GND CON	CLNC DEL
120.45	132.825 307.2	119.5 257.8	121.7 348.6	127.50





CATEGORY	A	B	C	D
LP MDA	840-1 562 (600-1)		840-1 5/8 562 (600-1 5/8)	
LNAV MDA	900-1 622 (700-1)		900-1 3/4 622 (700-1 3/4)	
C CIRCLING	900-1 615 (700-1)		900-1 3/4 615 (700-1 3/4)	960-2 1/4 675 (700-2 1/4)

TDZ/CL Rwys 1 and 19
HIRL Rwy 1-19
MIRL Rwy 10-28
REIL Rwys 10 and 28

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

WAAS CH 78124 W28A	APP CRS 281°	Rwy ldg 6007 TDZE 285 Apt Elev 285

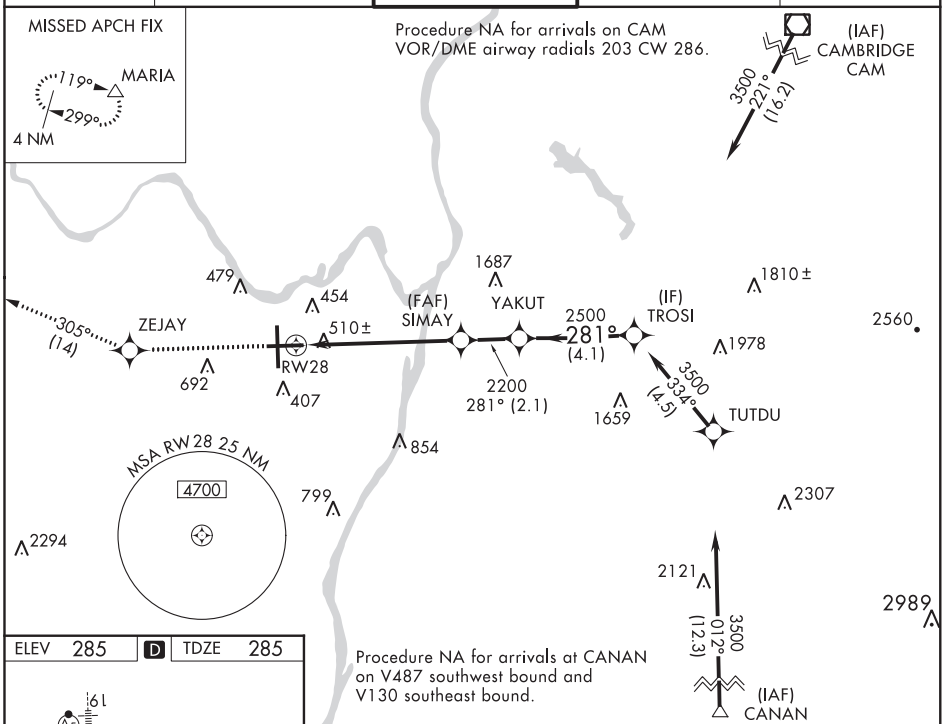
RNAV (GPS) RWY 28
ALBANY INTL (ALB)

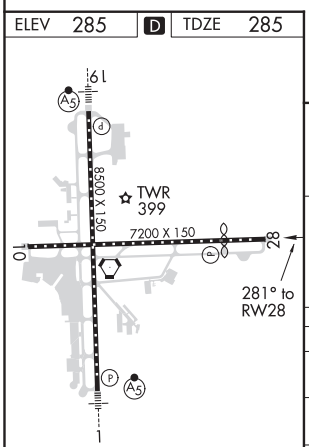
RNP APCH.

For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -18°C (0°F) or above 42°C (107°F). Circling NA west of Rwy 1-19. When VGSI inop, procedure NA at night. Rwy 28 helicopter visibility reduction below 1 SM NA.

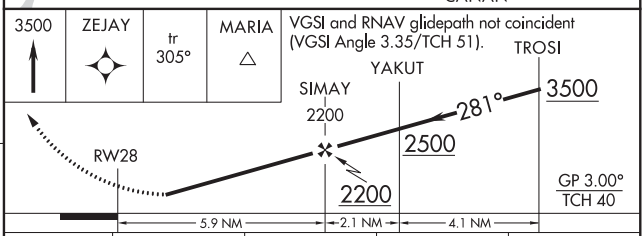
MISSED APPROACH: Climb to 3500 direct ZEJAY and on track 305° to MARIA and hold.

D-ATIS	ALBANY APP CON	ALBANY TOWER	GND CON	CLNC DEL
120.45	132.825 307.2	119.5 257.8	121.7 348.6	127.50





TDZ/CL Rwys 1 and 19
HIRL Rwy 1-19
MIRL Rwy 10-28
REIL Rwys 10 and 28



CATEGORY	A	B	C	D
LPV DA	783-1¾ 498 (500-1¾)			
LNAV/VNAV DA	825-1⅞ 540 (600-1⅞)			
LNAV MDA	760-1 475 (500-1)		760-1⅜ 475 (500-1⅜)	
C CIRCLING	820-1 535 (600-1)		820-1½ 535 (600-1½)	960-2¼ 675 (700-2¼)

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

WAAS CH 97402 W01A	APP CRS 011°	Rwy ldg 8500 TDZE 284 Apt Elev 285

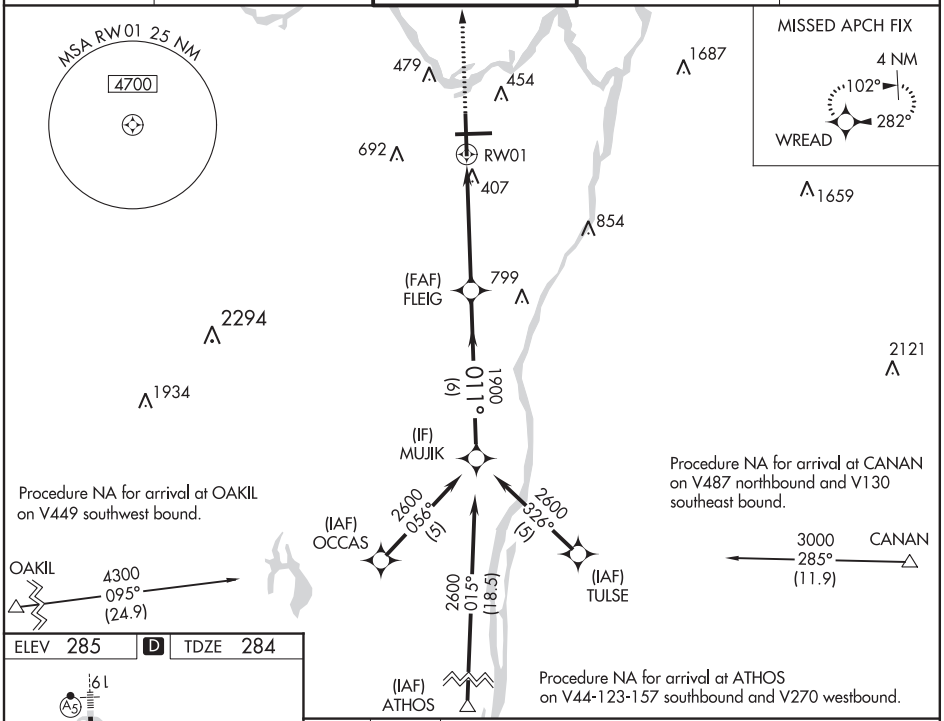
RNAV (GPS) Y RWY 1
ALBANY INTL (ALB)

For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -18°C (0°F) or above 42°C (107°F). DME/DME RNP-0.3 NA. Circling NA west of Rwy 1-19.

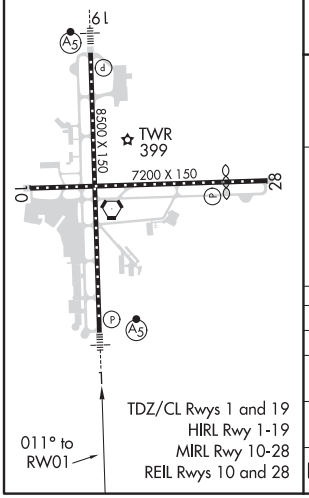
MALSR

MISSED APPROACH: Climb to 3000 direct WREAD and hold, continue climb-in-hold to 3000.

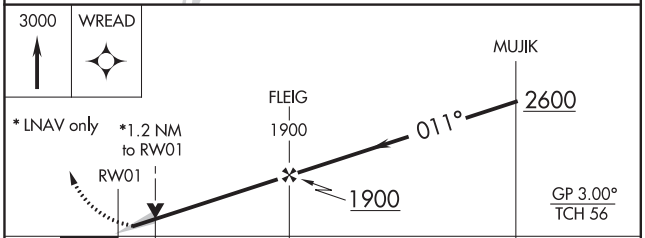
D-ATIS	ALBANY APP CON	ALBANY TOWER	GND CON	CLNC DEL
120.45	132.825 307.2	119.5 257.8	121.7 348.6	127.50



ELEV 285 D TDZE 284



TDZ/CL Rwys 1 and 19
HIRL Rwy 1-19
MIRL Rwy 10-28
REIL Rwys 10 and 28



CATEGORY	A	B	C	D
LPV DA	484/18 200 (200-½)			
LNAV/VNAV DA	687/45 403 (500-⅞)			
LNAV MDA	720/24 436 (500-½)		720/40 436 (500-¾)	
C CIRCLING	820-1 535 (600-1)		820-1½ 535 (600-1½)	960-2¼ 675 (700-2¼)

NE-2, 10 SEP 2020 to 05 NOV 2020

WAAS CH 56302 W19A	APP CRS 191°	Rwy ldg 8500 TDZE 280 Apt Elev 285

RNAV (GPS) Y RWY 19

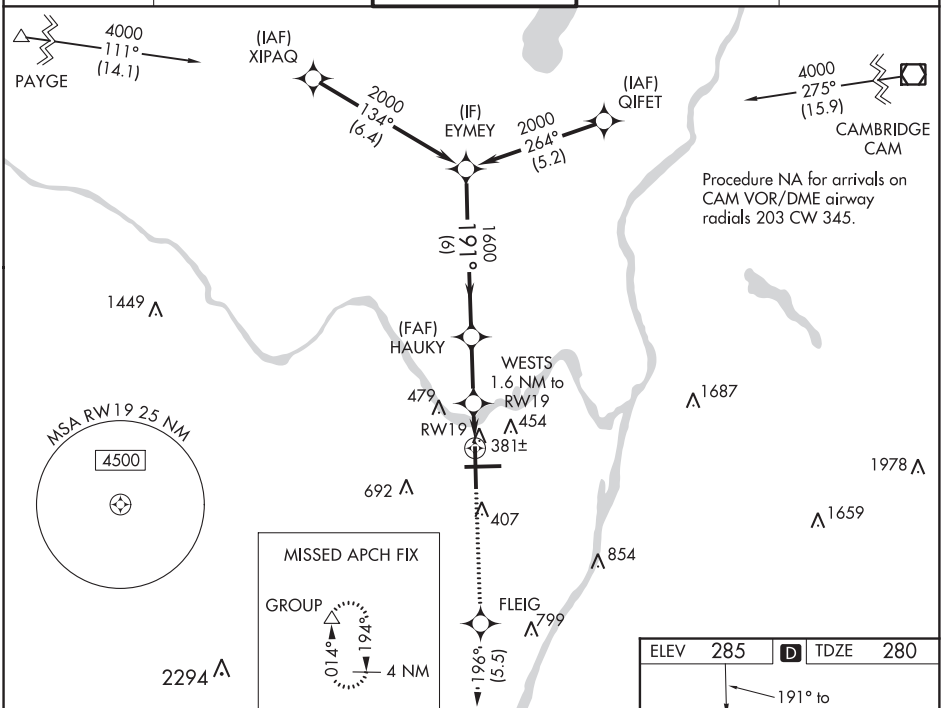
ALBANY INTL (ALB)

For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -5°C (23°F) or above 54°C (130°F). For inoperative MALSR, increase LNAV Cats C/D visibility to RVR 5500. Circling NA west of Rwy 1-19. DME/DME RNP-0.3 NA.

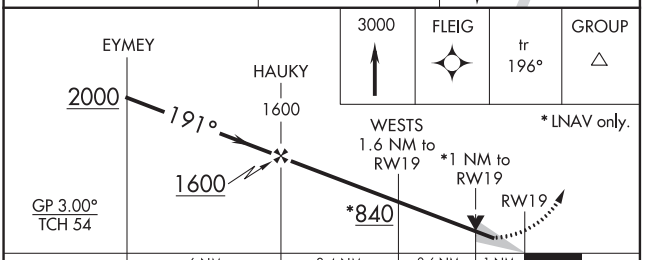
MALSR

MISSED APPROACH: Climb to 3000 direct FLEIG and on track 196° to GROUP and hold.

D-ATIS	ALBANY APP CON	ALBANY TOWER	GND CON	CLNC DEL
120.45	132.825 307.2	119.5 257.8	121.7 348.6	127.50



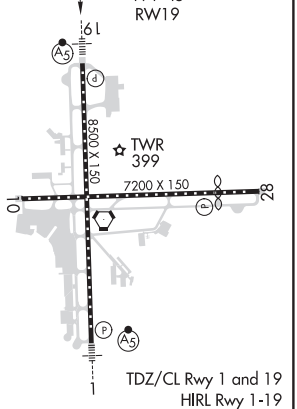
3000	FLEIG	tr 196°	GROUP



* LNAV only.

CATEGORY	A	B	C	D
LPV DA	480/18 200 (200-½)			
LNAV/VNAV DA	590/24 310 (400-½)			
LNAV MDA	640/24 360 (400-½)		640/30 360 (400-⅝)	
C CIRCLING	820-1 535 (600-1)		820-1½ 535 (600-1½)	960-2¼ 675 (700-2¼)

ELEV 285 D TDZE 280



TDZ/CL Rwy 1 and 19
HIRL Rwy 1-19
MIRL Rwy 10-28
REIL Rwys 10 and 28

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

VORTAC ALB 115.3 Chan 100	APP CRS 275°	Rwy ldg 6007 TDZE 285 Apt Elev 285

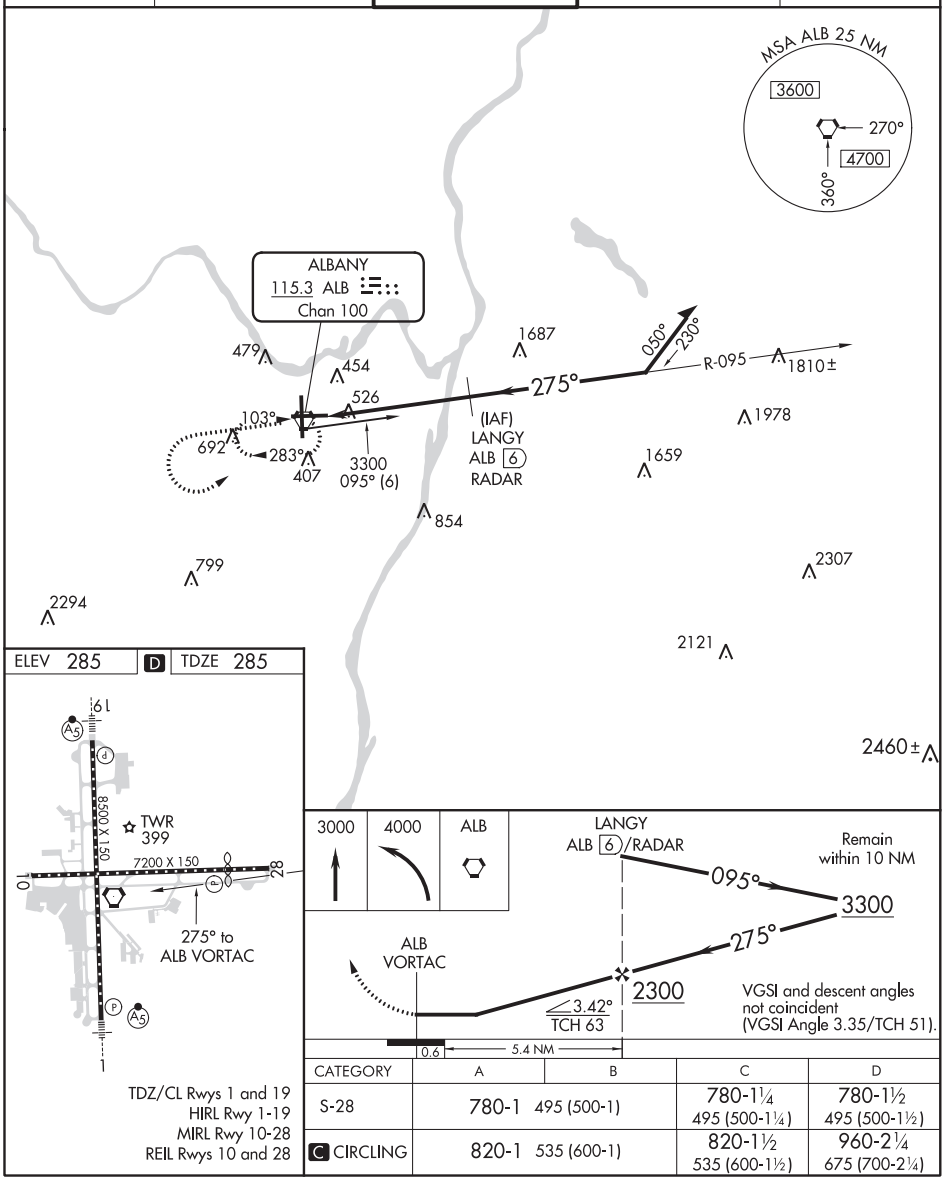
VOR RWY 28
ALBANY INTL (ALB)

DME or RADAR required.

Circling NA West of Rwy 1-19. Straight-in Rwy 28 NA at night, Circling Rwy 28 NA at night. Rwy 28 helicopter visibility reduction below 1 SM NA.

MISSED APPROACH: Climb to 3000, then climbing left turn to 4000 direct ALB VORTAC and hold.

D-ATIS	ALBANY APP CON	ALBANY TOWER	GND CON	CLNC DEL
120.45	132.825 307.2	119.5 257.8	121.7 348.6	127.50

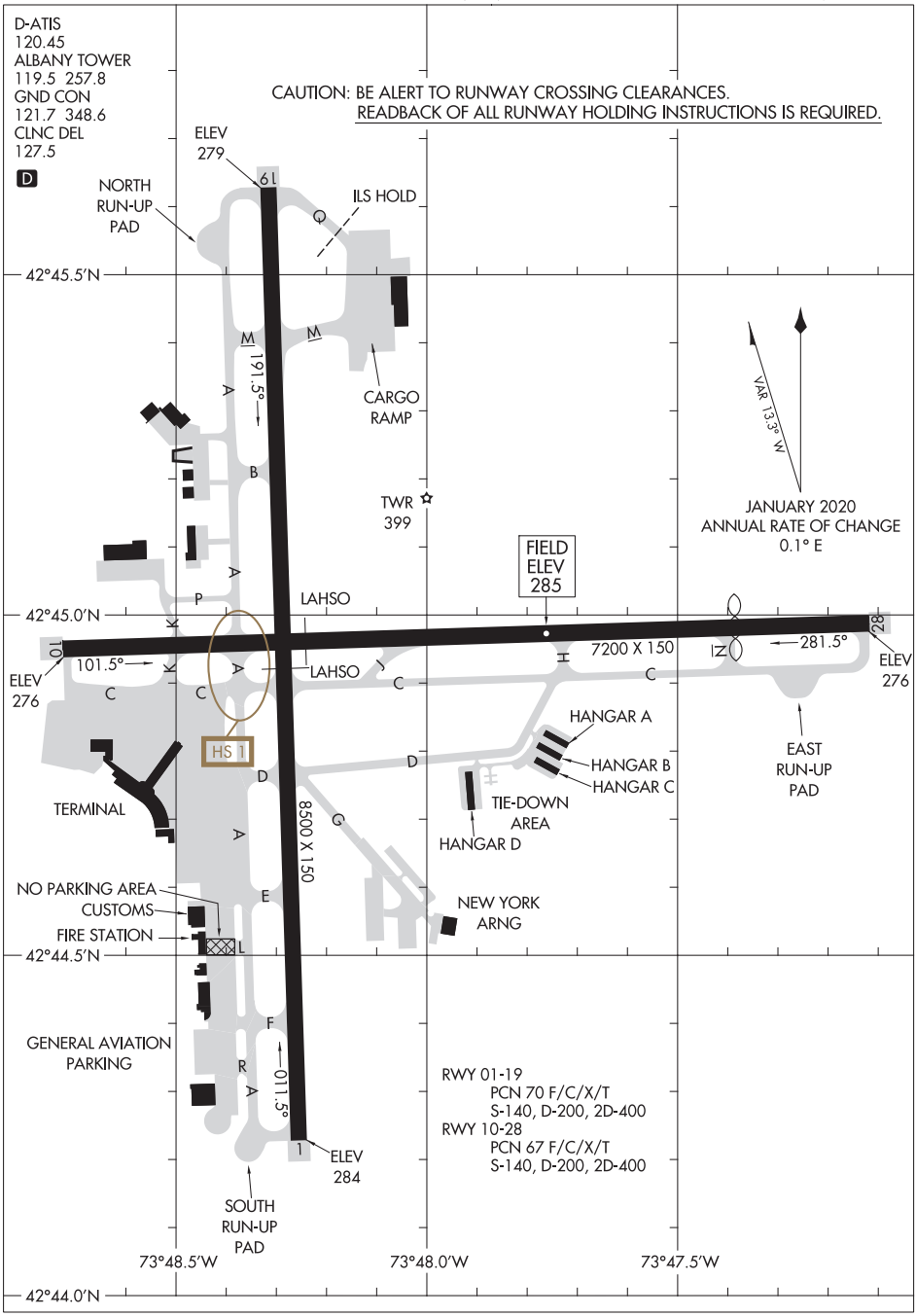


TDZ/CL Rwys 1 and 19
HIRL Rwy 1-19
MIRL Rwy 10-28
REIL Rwys 10 and 28

CATEGORY	A	B	C	D
S-28	780-1 495 (500-1)		780-1¼ 495 (500-1¼)	780-1½ 495 (500-1½)
C CIRCLING	820-1 535 (600-1)		820-1½ 535 (600-1½)	960-2¼ 675 (700-2¼)

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020



NE-2, 10 SEP 2020 to 05 NOV 2020

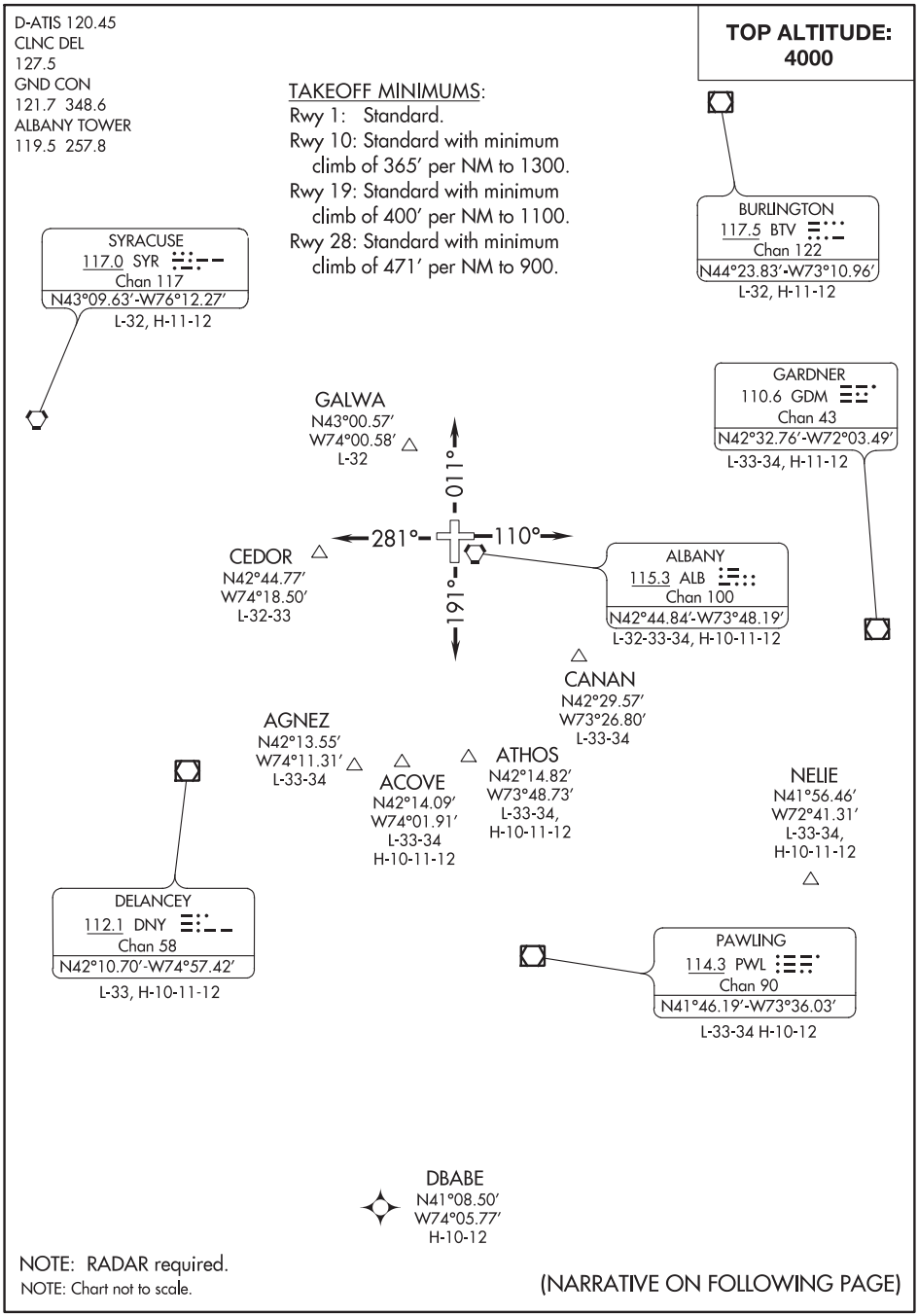
NE-2, 10 SEP 2020 to 05 NOV 2020

(ALB7.ALB) 20086

ALBANY SEVEN DEPARTURE

AL-10 (FAA)

ALBANY INTL (ALB)
ALBANY, NEW YORK



NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RWY 1: Climb heading 011°, thence....
TAKEOFF RWY 10: Climb heading 110°, thence....
TAKEOFF RWY 19: Climb heading 191°, thence....
TAKEOFF RWY 28: Climb heading 281°, thence....

.... on RADAR vectors to assigned route/fix. Maintain 4000. Expect clearance to requested altitude/flight level 10 minutes after departure. Turbojets filed over ACOVE, ARNII, DBABE, JEFFF, PAYGE, SYR, SAX, JFK, CMK, PWL, IGN, requesting flight levels, expect a vector to the vicinity of the ALB, R-343/25 DME (or GALWA) expect on course leaving 14000.

NE-2, 10 SEP 2020 to 05 NOV 2020

ALBION, NEW YORK | AL-6495 (FAA) | 20086

RNAV (GPS) -B

PINE HILL (9G6)

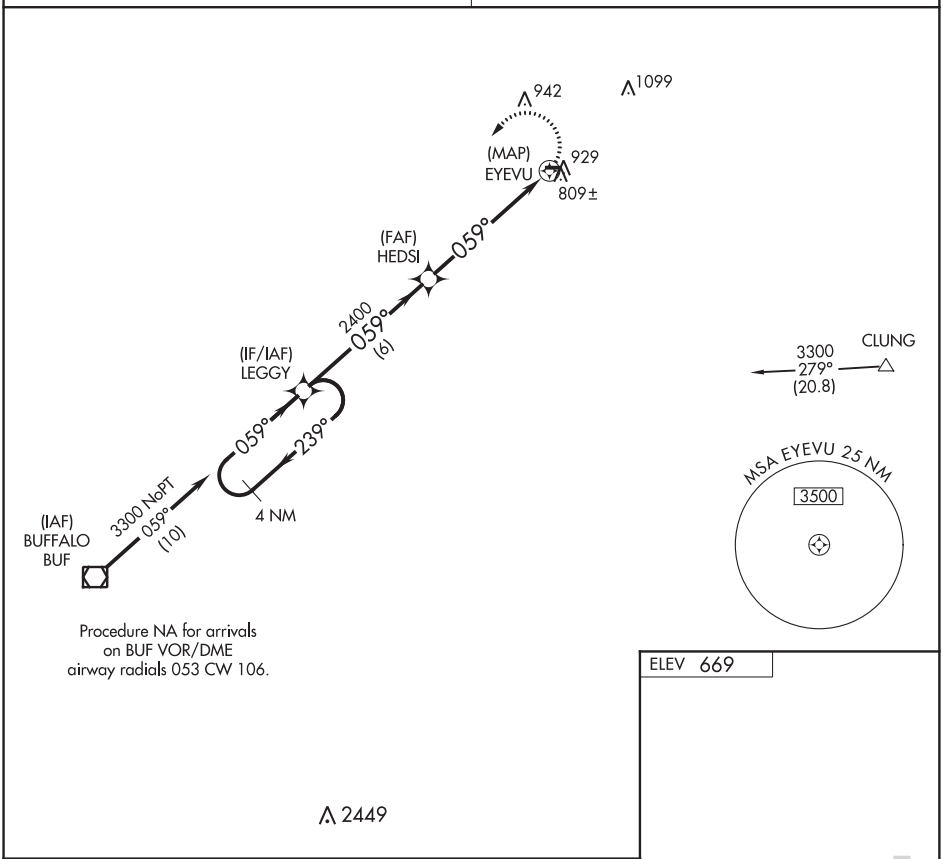
APP CRS	Rwy ldg	N/A
059°	TDZE	N/A
	Apt Elev	669

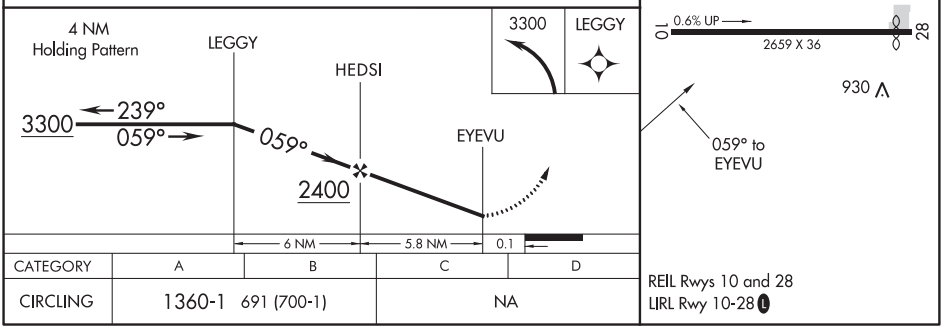
NA

DME/DME RNP-0.3 NA. Use Buffalo Niagara Intl altimeter setting, if not received use Niagara Falls Intl altimeter setting. Procedure NA at night.

MISSED APPROACH: Climbing left turn to 3300 direct LEGGY and hold.

BUFFALO APP CON	UNICOM
126.15 263.125	123.0 (CTAF) L



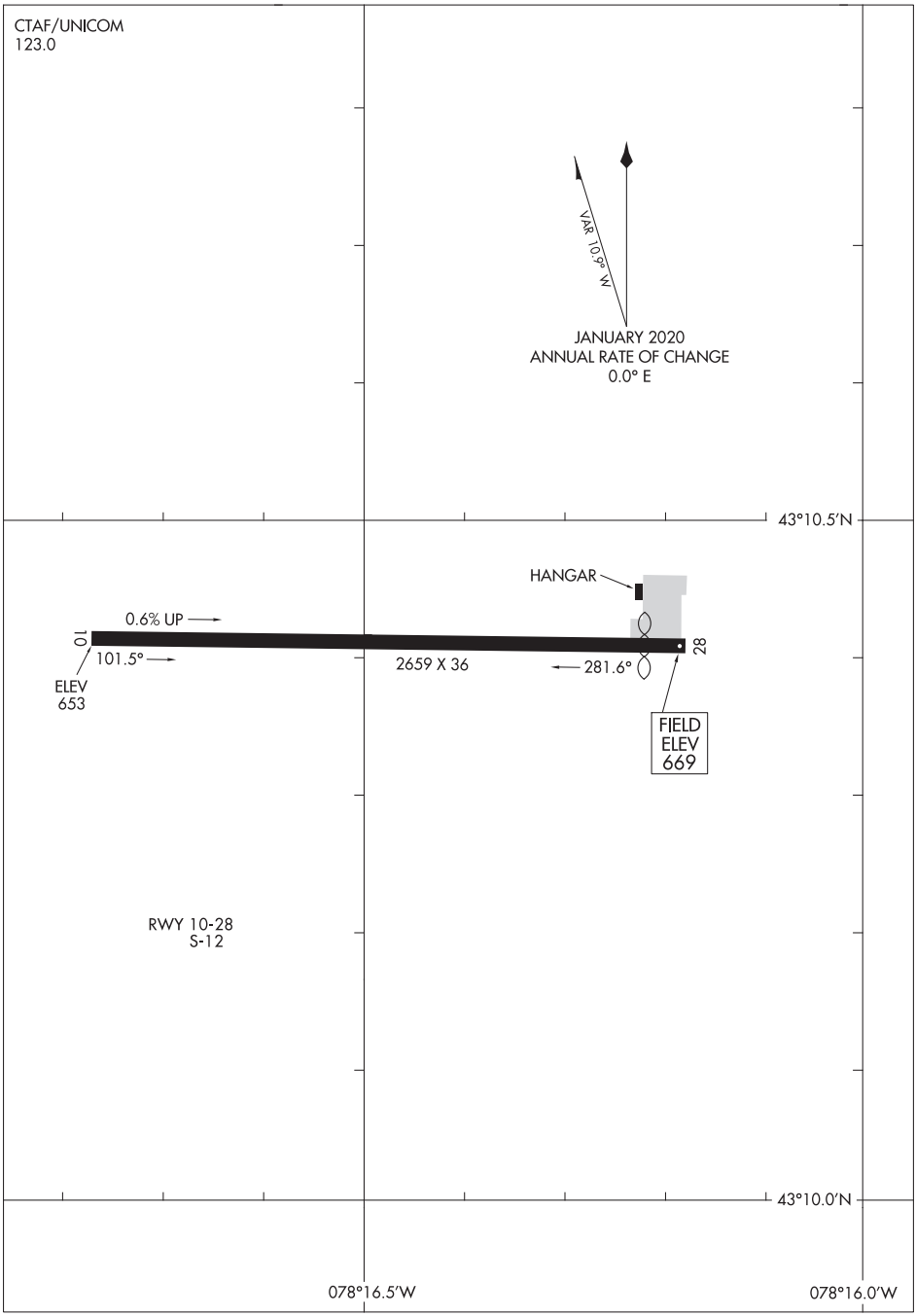


CATEGORY	A	B	C	D
CIRCLING	1360-1 691 (700-1)		NA	

REIL Rwys 10 and 28
LIRL Rwy 10-28 L

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020



NE-2, 10 SEP 2020 to 05 NOV 2020

ANDOVER, NEW JERSEY | AL-5026 (FAA) | 20226

APP CRS	Rwy ldg	1981
049°	TDZE	583
	Apt Elev	583

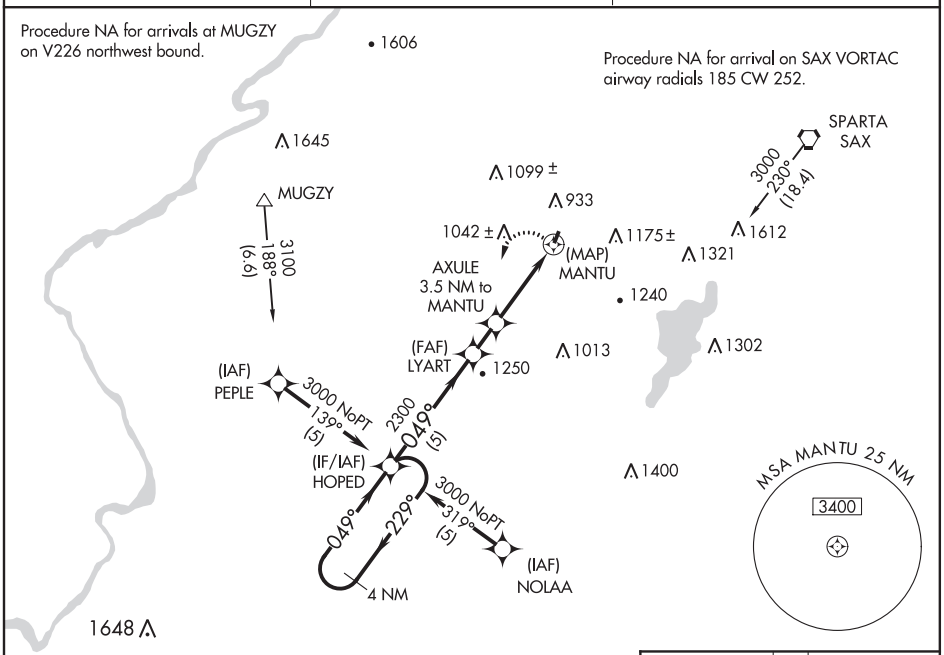
RNAV (GPS) RWY 3
AEROFLEX-ANDOVER (12N)

RNP APCH.

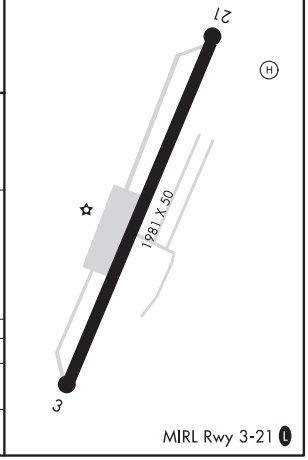
When local altimeter setting not received, use Caldwell altimeter setting and increase all MDA 120 feet. Procedure NA at night. Rwy 3 helicopter visibility reduction below 1 SM NA.

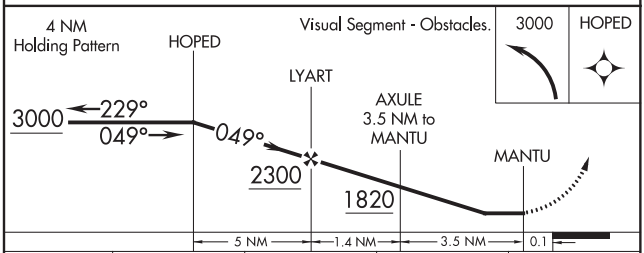
MISSED APPROACH: Climbing left turn to 3000 direct HOPED and hold.

NEW YORK APP CON	UNICOM	
127.6 379.9	122.8 (CTAF)	122.85 L



ELEV 583	TDZE 583





CATEGORY	A	B	C	D
LNAV MDA	1340-1 757 (800-1)	NA		
C CIRCLING	1560-1¼ 977 (1000-1¼)	NA		

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

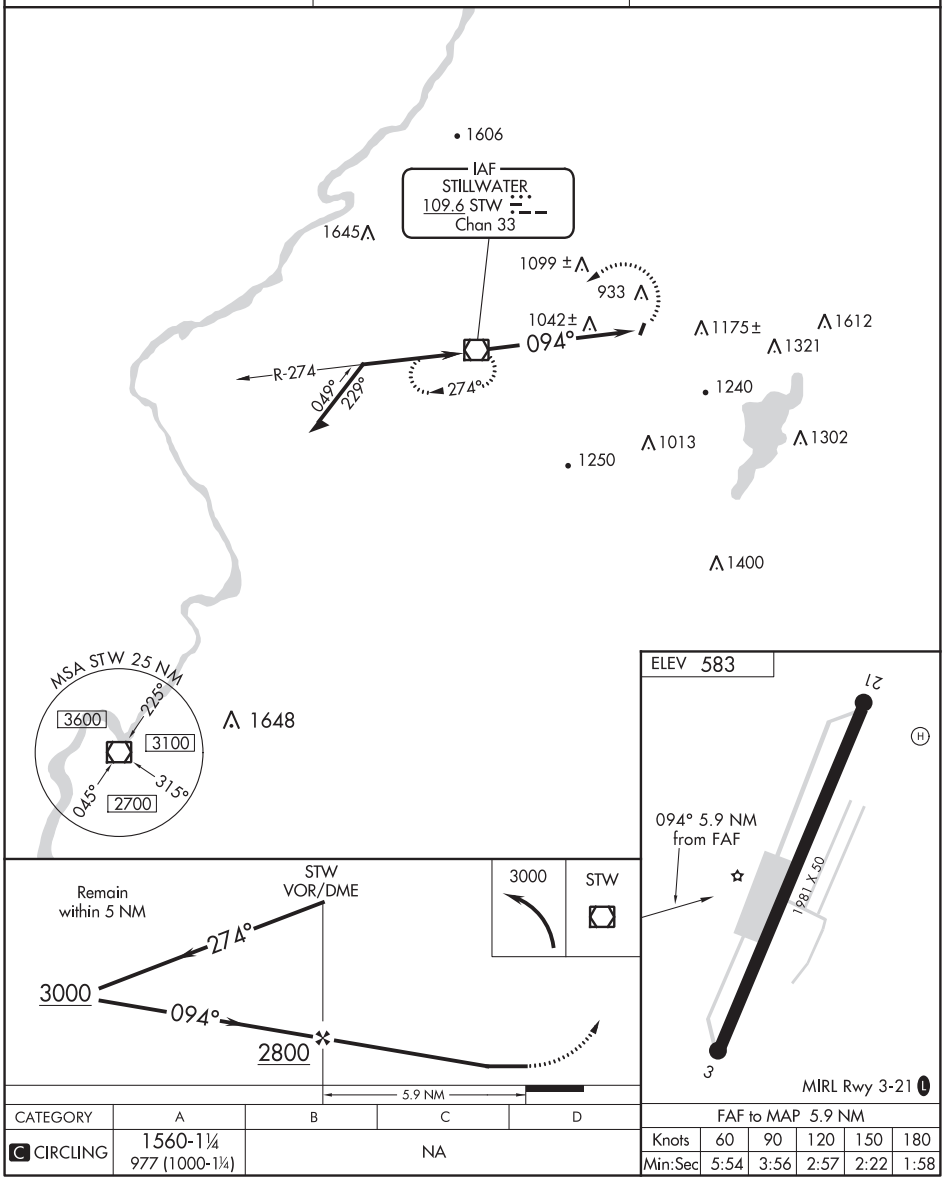
VOR/DME STW 109.6 Chan 33	APP CRS 094°	Rwy ldg 1981 TDZE N/A Apt Elev 583

VOR-A
AEROFLEX-ANDOVER (12N)

When local altimeter setting not received, use Caldwell altimeter setting and increase MDA 120 feet. Procedure NA at night.

MISSED APPROACH: Climbing left turn to 3000 direct STW VOR/DME and hold.

NEW YORK APP CON	UNICOM	
127.6 379.9	122.8 (CTAF)	122.85 L



CATEGORY	A	B	C	D
C CIRCLING	1560-1¼ 977 (1000-1¼)	NA		

FAF to MAP 5.9 NM

Knots	60	90	120	150	180
Min:Sec	5:54	3:56	2:57	2:22	1:58

ATLANTIC CITY, NEW JERSEY AL-669 (FAA) 20086

ILS or LOC RWY 13
ATLANTIC CITY INTL (ACY)

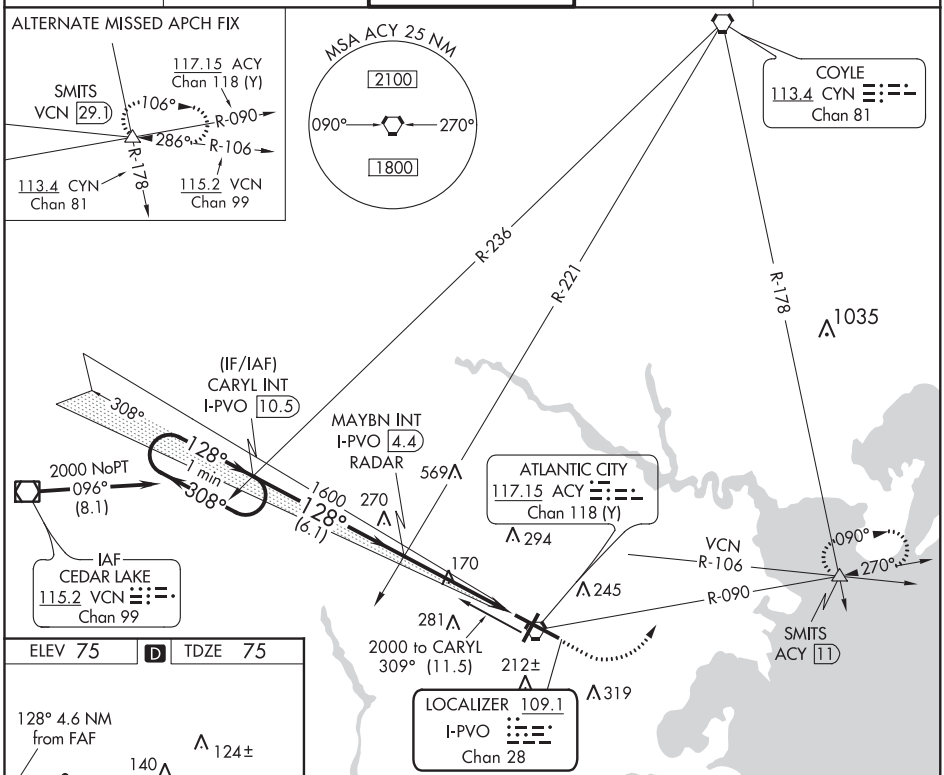
LOC/DME I-PVO	APP CRS	Rwy ldg 10000
109.1	128°	TDZE 75
Chan 28		Apt Elev 75

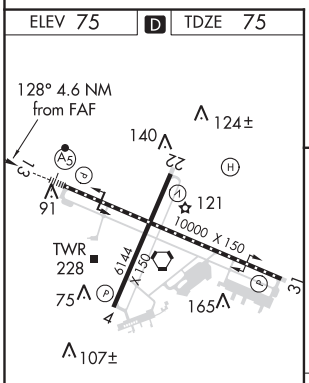
ASR: For inoperative ALS, increase S-ILS 13 Cat E visibility to RVR 4000 and S-LOC 13 Cats C/D/E visibility to RVR 6000.

MALSR

MISSED APPROACH: Climb to 600 then climbing left turn to 2000 on ACY VORTAC R-090 to SMITS INT/ACY 11 DME and hold.

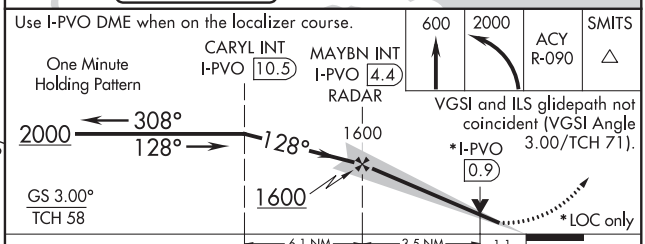
ATIS	ATLANTIC CITY APP CON	ATLANTIC CITY TOWER	GND CON	CLNC DEL
125.725 316.15	124.6 327.125	120.3 239.0	121.9 284.6	127.85 353.775





TDZ/CL Rwy 13
HIRL Rwys 4-22 and 13-31
REIL Rwy 31

FAF to MAP 4.6 NM					
Knots	60	90	120	150	180
Min:Sec	4:36	3:04	2:18	1:50	1:32



CATEGORY	A	B	C	D	E
S-ILS 13	275/18 200 (200-½)				275/24 200 (200-½)
S-LOC 13	480/24 405 (500-½)		480/40 405 (500-¾)		
CIRCLING	540-1 465 (500-1)		540-1½ 465 (500-1½)	640-2 565 (600-2)	760-2½ 685 (700-2½)

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

ILS or LOC/DME RWY 31

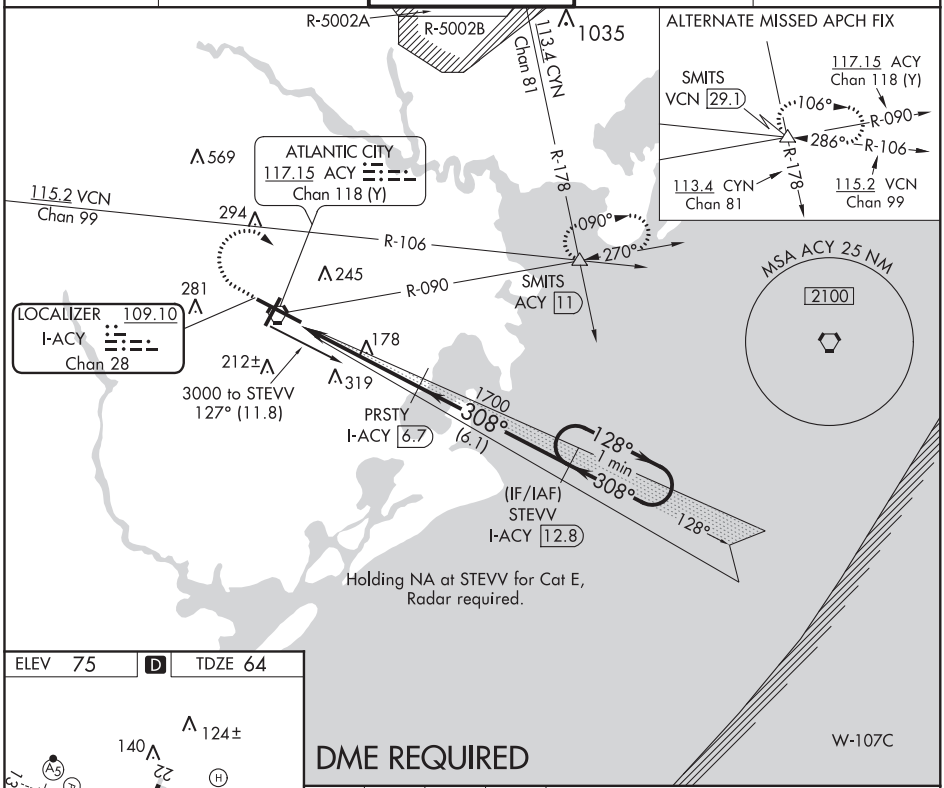
ATLANTIC CITY INTL (ACY)

LOC/DME I-ACY	APP CRS	Rwy ldg	10000
109.10	308°	TDZE	64
Chan 28		Apt Elev	75

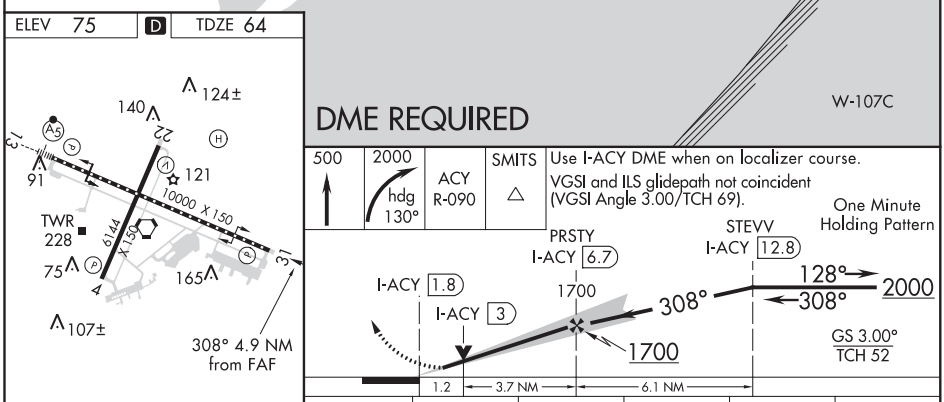
ASR

MISSED APPROACH: Climb to 500 then climbing right turn to 2000 via heading 130° and via ACY R-090 to SMITS INT/ACY 11 DME and hold.

ATIS	ATLANTIC CITY APP CON	ATLANTIC CITY TOWER	GND CON	CLNC DEL
125.725 316.15	124.6 327.125	120.3 239.0	121.9 284.6	127.85 353.775



DME REQUIRED



CATEGORY	A	B	C	D	E
S-ILS 31	264/40 200 (200-¾)				
S-LOC 31	520/50 456 (500-1)		520/60 456 (500-1¼)	520-1½ 456 (500-1½)	
CIRCLING	540-1 465 (500-1)		540-1½ 465 (500-1½)	640-2 565 (600-2)	760-2½ 685 (700-2½)

TDZ/CL Rwy 13
HIRL Rwys 4-22 and 13-31
REIL Rwy 31

NE-2, 10 SEP 2020 to 05 NOV 2020

ATLANTIC CITY, NEW JERSEY | AL-669 (FAA) | 19115

RNAV (RNP) Z RWY 13
ATLANTIC CITY INTL (ACY)

APP CRS	Rwy ldg	10000
128°	TDZE	75
	Apt Elev	75

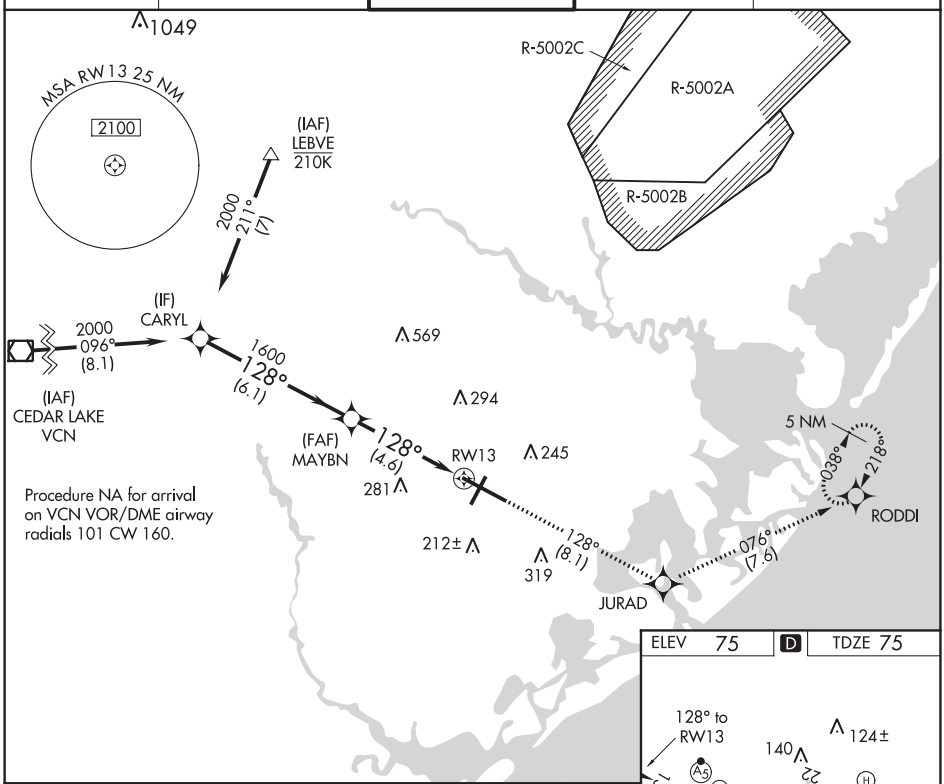
NA
ASR

For uncompensated Baro-VNAV systems, procedure NA below -13°C (9°F) or above 54°C (130°F). GPS required.
For inop ALS, increase RNP 0.30 all Cats visibility to RVR 6000.

MALSR

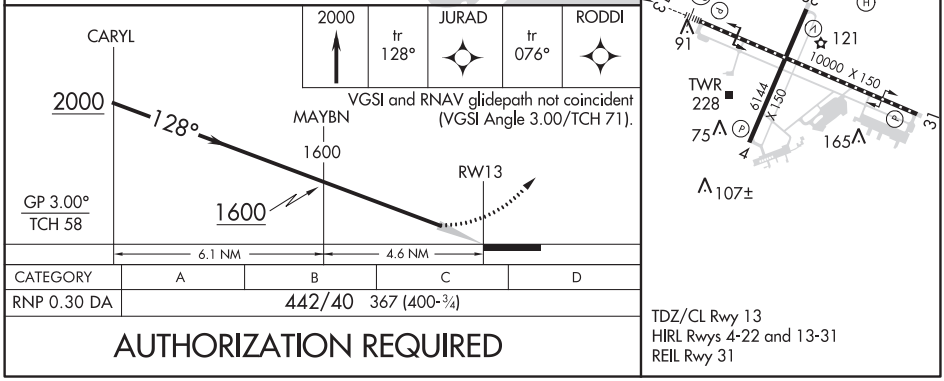
MISSED APPROACH: Climb to 2000 on track 128° to JURAD and on track 076° to RODDI and hold.

ATIS	ATLANTIC CITY APP CON	ATLANTIC CITY TOWER	GND CON	CLNC DEL
125.725 316.15	124.6 327.125	120.3 239.0	121.9 284.6	127.85 353.775



NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020



CATEGORY	A	B	C	D
RNP 0.30 DA	442/40 367 (400-¾)			

AUTHORIZATION REQUIRED

TDZ/CL Rwy 13
HIRL Rwys 4-22 and 13-31
REIL Rwy 31

ATLANTIC CITY, NEW JERSEY
Orig-C 12OCT17

39°27'N-74°35'W

ATLANTIC CITY INTL (ACY)
RNAV (RNP) Z RWY 13

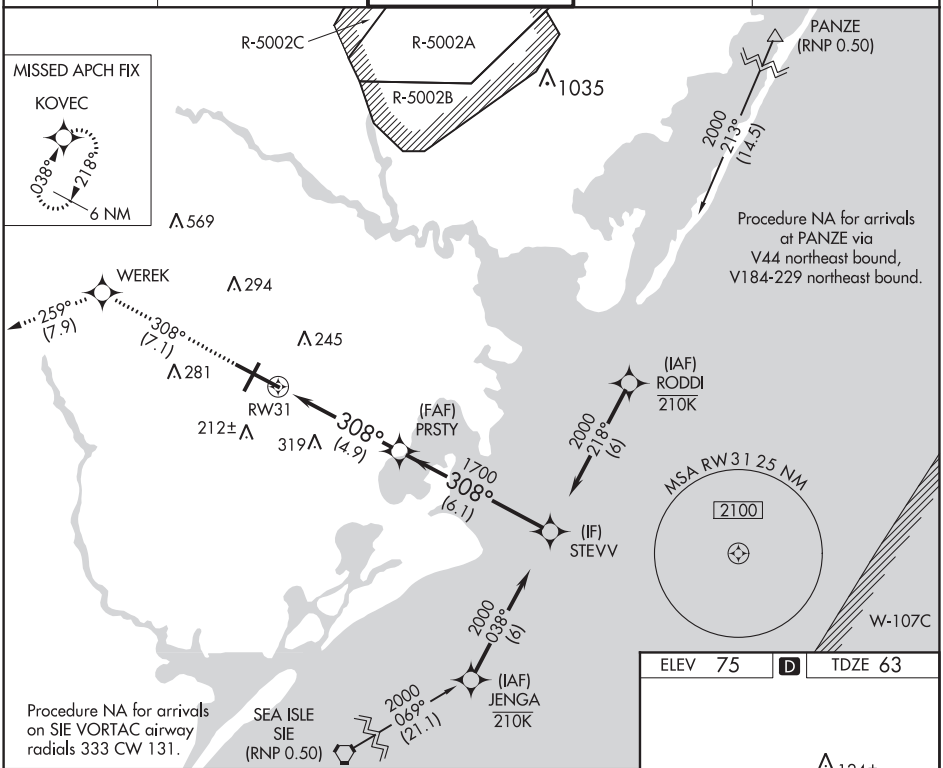
APP CRS	Rwy ldg	10000
308°	TDZE	63
	Apt Elev	75

RNAV (RNP) Z RWY 31
ATLANTIC CITY INTL (ACY)

ASR: GPS Required. Procedure NA at night. For uncompensated Baro-VNAV systems, procedure NA below -13°C (8°F) or above 54°C (130°F).

MISSED APPROACH: Climb to 2000 on track 308° to WEREK on track 259° to KOVEC and hold.

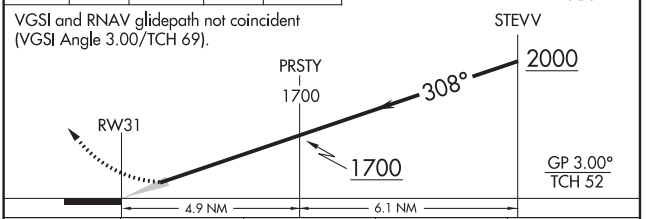
ATIS	ATLANTIC CITY APP CON	ATLANTIC CITY TOWER	GND CON	CLNC DEL
125.725 316.15	124.6 327.125	120.3 239.0	121.9 284.6	127.85 353.775



2000	tr 308°	WEREK	tr 259°	KOVEC

Procedure Turn NA

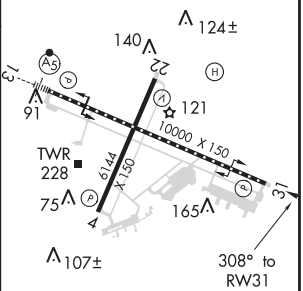
VGSI and RNAV glidepath not coincident (VGSI Angle 3.00/TCH 69).



CATEGORY	A	B	C	D
RNP 0.30 DA	408/60 345 (400-1¼)			

AUTHORIZATION REQUIRED

ELEV 75 D TDZE 63



TDZ/CL Rwy 13
HIRL Rwys 4-22 and 13-31
REIL Rwy 31

NE-2, 10 SEP 2020 to 05 NOV 2020
NE-2, 10 SEP 2020 to 05 NOV 2020

ATLANTIC CITY, NEW JERSEY AL-669 (FAA) 19115

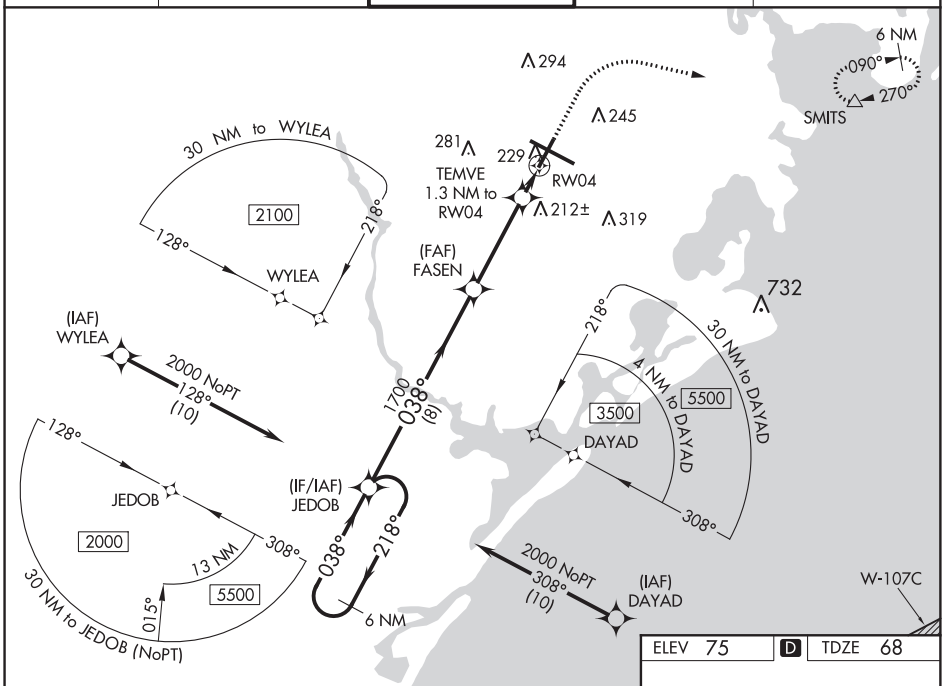
WAAS CH 78231 W04A	APP CRS 038°	Rwy ldg 6144 TDZE 68 Apt Elev 75

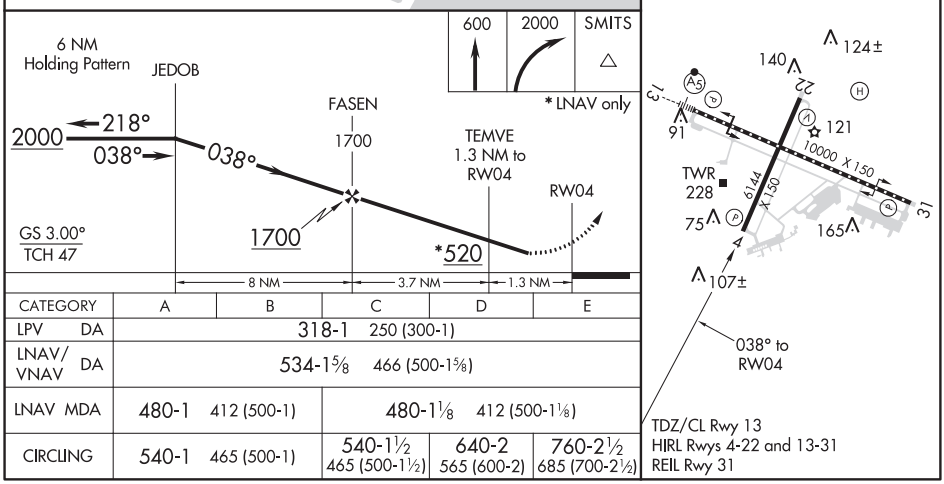
RNAV (GPS) RWY 4
ATLANTIC CITY INTL (ACY)

T A ASR — For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -13°C (9°F) or above 54°C (130°F). DME/DME RNP-0.3 NA. Helicopter visibility reduction below 1 SM NA. Rwy 4 Straight-in and Circling minimums NA at night.

MISSED APPROACH: Climb to 600 then climbing right turn to 2000 direct SMITS and hold.

ATIS	ATLANTIC CITY APP CON	ATLANTIC CITY TOWER	GND CON	CLNC DEL
125.725 316.15	124.6 327.125	120.3 239.0	121.9 284.6	127.85 353.775





CATEGORY	A	B	C	D	E
LPV DA	318-1 250 (300-1)				
LNAV/VNAV DA	534-1⅝ 466 (500-1⅝)				
LNAV MDA	480-1 412 (500-1)		480-1⅛ 412 (500-1⅛)		
CIRCLING	540-1 465 (500-1)		540-1½ 465 (500-1½)	640-2 565 (600-2)	760-2½ 685 (700-2½)

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

ATLANTIC CITY, NEW JERSEY
Amdt 2B 29MAY14

39°27'N-74°35'W

ATLANTIC CITY INTL (ACY)
RNAV (GPS) RWY 4

WAAS CH 53631 W22A	APP CRS 218°	Rwy ldg 6144 TDZE 68 Apt Elev 75

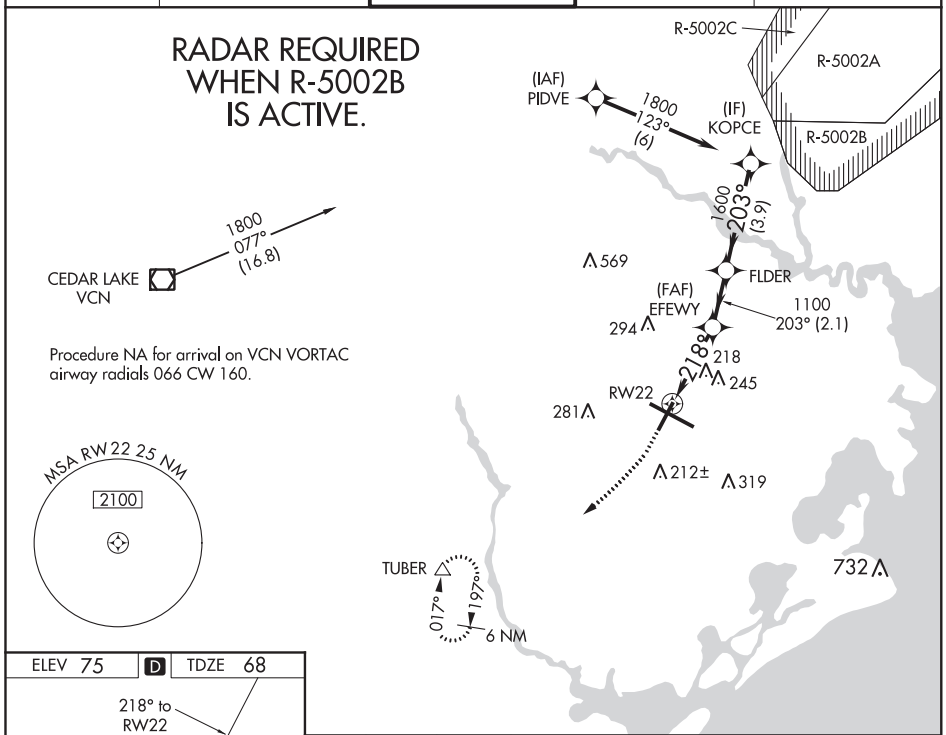
RNAV (GPS) RWY 22
ATLANTIC CITY INTL (ACY)

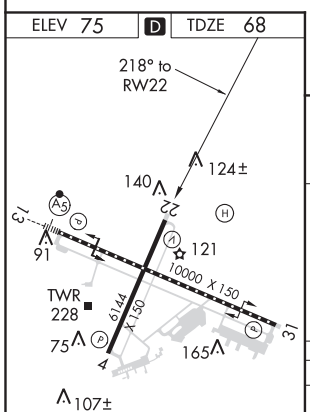
ASR

For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -14°C (7°F) or above 54°C (130°F). Rwy 22 helicopter visibility reduction below ¾ SM NA. DME/DME RNP-0.3 NA.

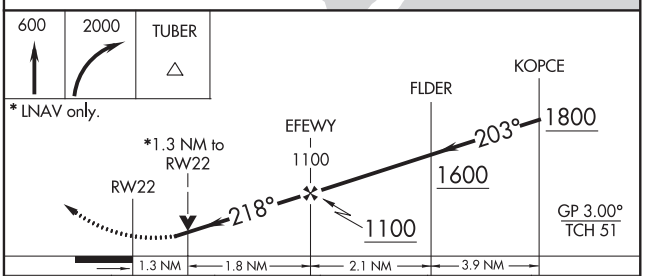
MISSED APPROACH: Climb to 600 then climbing right turn to 2000 direct TUBER and hold.

ATIS	ATLANTIC CITY APP CON	ATLANTIC CITY TOWER	GND CON	CLNC DEL
125.725 316.15	124.6 327.125	120.3 239.0	121.9 284.6	127.85 353.775





TDZ/CL Rwy 13
HIRL Rwys 4-22 and 13-31
REIL Rwy 31



CATEGORY	A	B	C	D	E
LPV DA	364-1 296 (300-1)				
LNAV/VNAV DA	356-⅞ 288 (300-⅞)				
LNAV MDA	520-1 452 (500-1)		520-1⅛ 452 (500-1⅛)		
CIRCLING	540-1 465 (500-1)		540-1½ 465 (500-1½)	640-2 565 (600-2)	760-2½ 685 (700-2½)

NE-2, 10 SEP 2020 to 05 NOV 2020
NE-2, 10 SEP 2020 to 05 NOV 2020

ATLANTIC CITY, NEW JERSEY — AL-669 (FAA) — 19115

WAAS CH 45513 W13A	APP CRS 128°	Rwy ldg 10000 TDZE 75 Apt Elev 75

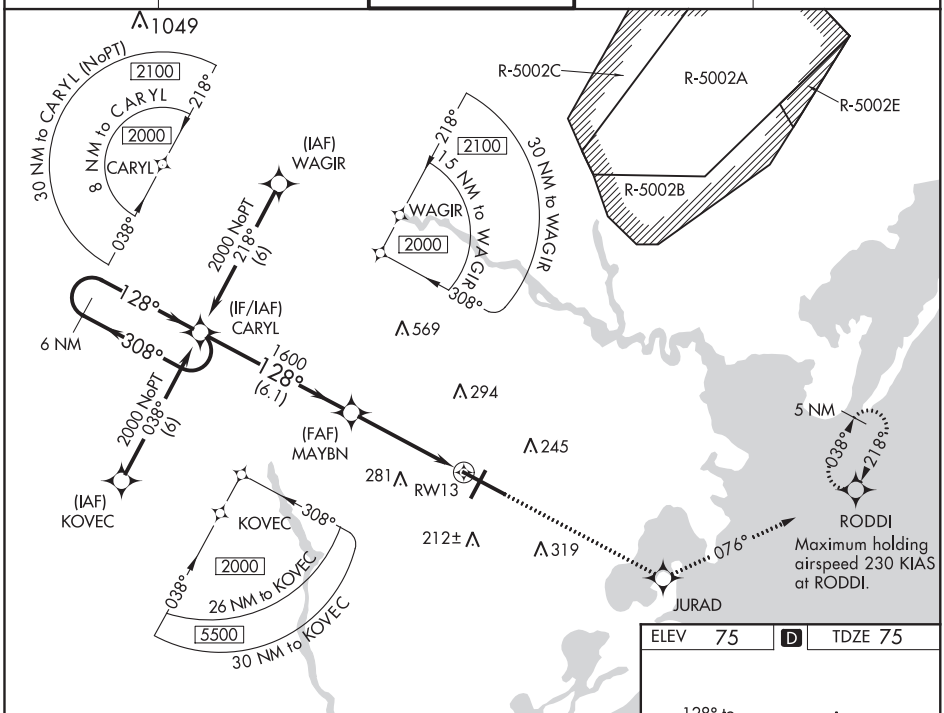
RNAV (GPS) Y RWY 13
ATLANTIC CITY INTL (ACY)

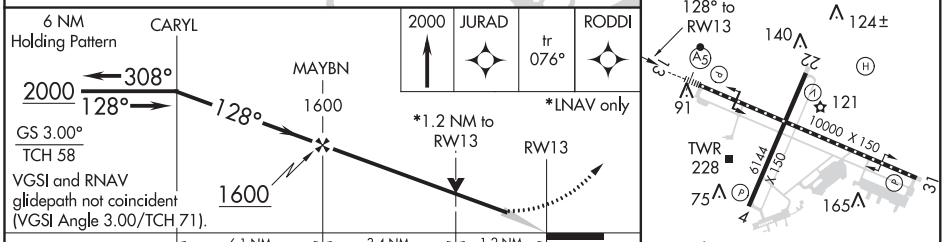
ASR: For inoperative MALSR, increase LPV Cat E visibility to RVR 4000, LNAV/VNAV Cat E visibility to 1½, and LNAV Cat D visibility to RVR 6000, Cat E visibility to 1½. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -15°C (5°F) or above 48°C (118°F). DME/DME RNP-0.3 NA.

MALSR

MISSED APPROACH: Climb to 2000 direct JURAD and on track 076° to RODDI and hold.

ATIS	ATLANTIC CITY APP CON	ATLANTIC CITY TOWER	GND CON	CLNC DEL
125.725 316.15	124.6 327.125	120.3 239.0	121.9 284.6	127.85 353.775





CATEGORY	A	B	C	D	E
LPV DA	275/18 200 (200-½)				
LNAV/VNAV DA	475/40 400 (400-¾)				475/50 400 (400-1)
LNAV MDA	520/24 445 (500-½)		520/40 445 (500-¾)	520/50 445 (500-1)	
CIRCLING	540-1 465 (500-1)		540-1½ 465 (500-1½)	640-2 565 (600-2)	760-2½ 685 (700-2½)

TDZ/CL Rwy 13
HIRL Rwys 4-22 and 13-31
REIL Rwy 31

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

WAAS CH 50113 W31A	APP CRS 308°	Rwy ldg 10000 TDZE 63 Apt Elev 75

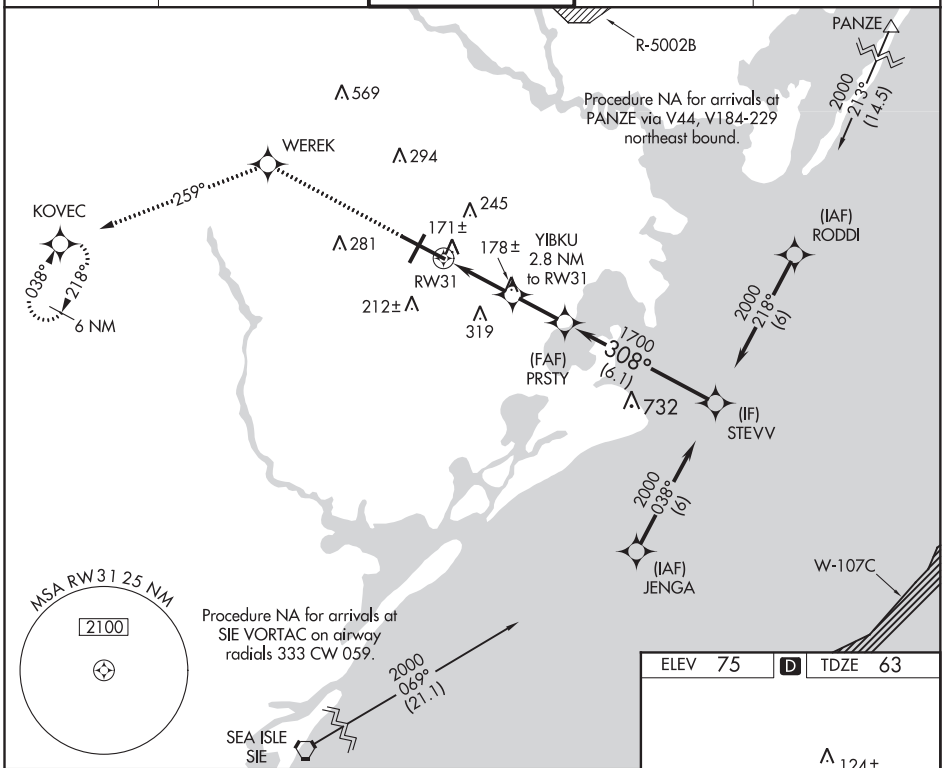
RNAV (GPS) Y RWY 31
ATLANTIC CITY INTL (ACY)

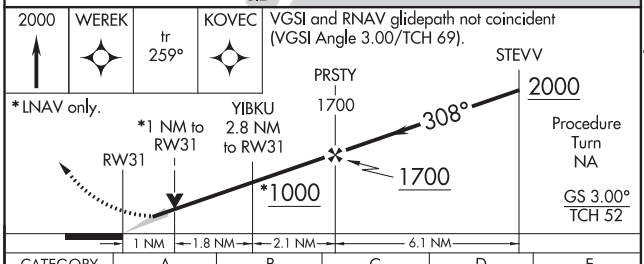
ASR

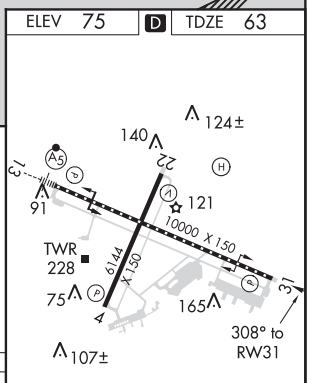
For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -15°C (5°F) or above 48°C (118°F).
DME/DME RNP-0.3 NA.

MISSED APPROACH: Climb to 2000 direct WEREK and on track 259° to KOVEC and hold.

ATIS	ATLANTIC CITY APP CON	ATLANTIC CITY TOWER	GND CON	CLNC DEL
125.725 316.15	124.6 327.125	120.3 239.0	121.9 284.6	127.85 353.775







CATEGORY	A	B	C	D	E
LPV DA	263/40 200 (200-¾)				
LNAV/VNAV DA	421/60 358(400-1¼)				
LNAV MDA	440/50 377 (400-1)			440/60 377 (400-1¼)	
CIRCLING	540-1 465 (500-1)		540-1½ 465 (500-1½)	640-2 565 (600-2)	760-2½ 685 (700-2½)

TDZ/CL Rwy 13
HIRL Rwys 4-22 and 13-31
REIL Rwy 31

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

ATLANTIC CITY, NEW JERSEY AL-669 (FAA) 20086

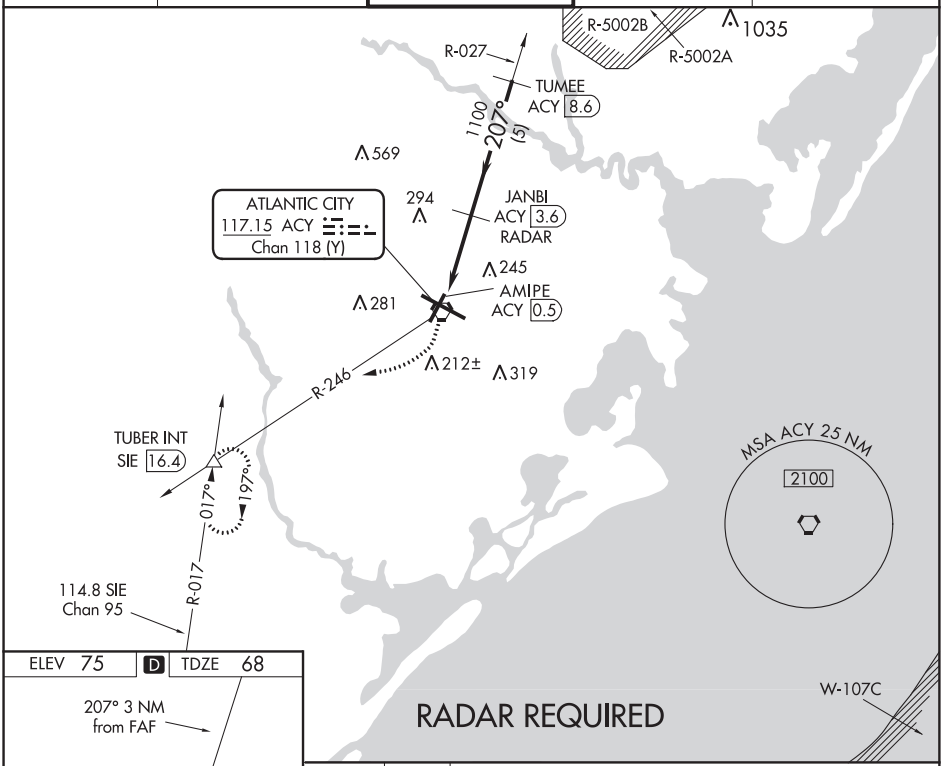
VOR/DME RWY 22
ATLANTIC CITY INTL (ACY)

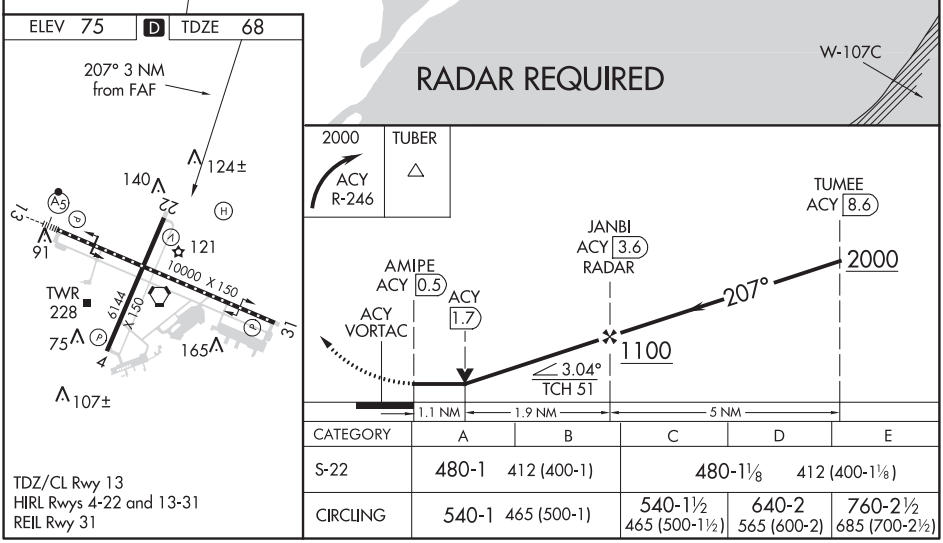
VORTAC ACY	APP CRS	Rwy ldg 6144
117.15	207°	TDZE 68
Chan 118 (Y)		Apt Elev 75

T A ASR — Helicopter visibility reduction below ¾ SM NA.

MISSED APPROACH: Climbing right turn to 2000 on ACY R-246 to TUBER INT/SIE 16.4 DME and hold.

ATIS	ATLANTIC CITY APP CON	ATLANTIC CITY TOWER	GND CON	CLNC DEL
125.725 316.15	124.6 327.125	120.3 239.0	121.9 284.6	127.85 353.775





CATEGORY	A	B	C	D	E
S-22	480-1	412 (400-1)	480-1⅛	412 (400-1⅛)	
CIRCLING	540-1	465 (500-1)	540-1½ 465 (500-1½)	640-2 565 (600-2)	760-2½ 685 (700-2½)

TDZ/CL Rwy 13
HIRL Rwys 4-22 and 13-31
REIL Rwy 31

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

VOR RWY 4
ATLANTIC CITY INTL (ACY)

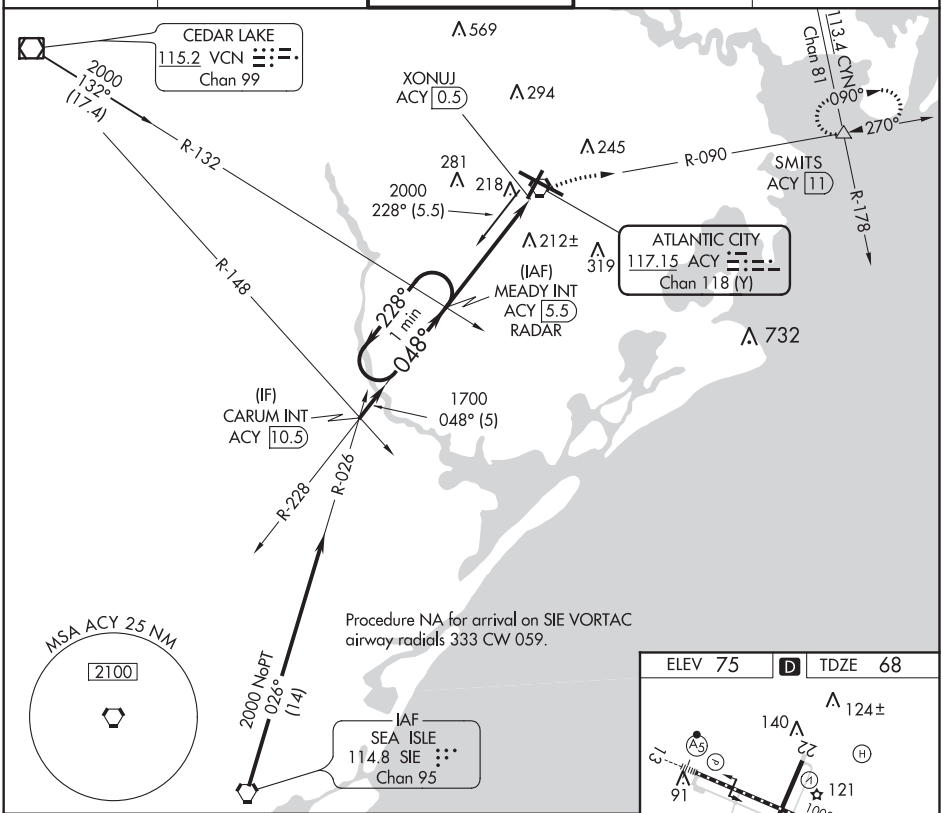
VORTAC ACY	APP CRS	Rwy ldg 6144
117.15	048°	TDZE 68
Chan 118 (Y)		Apt Elev 75

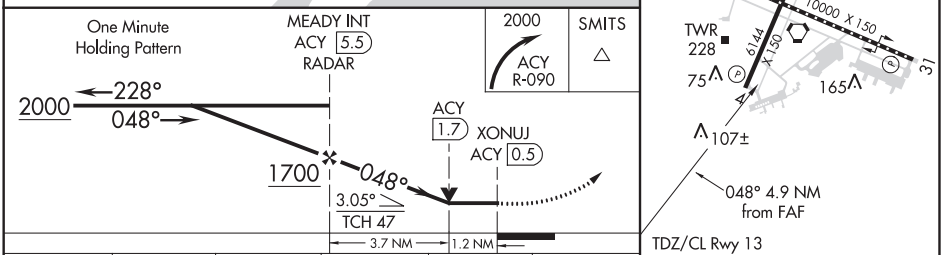
ASR

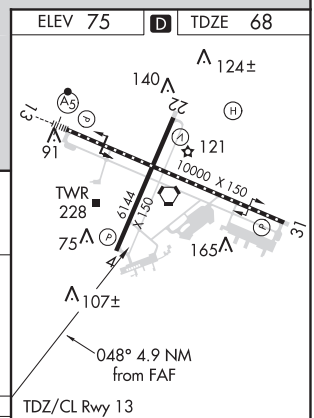
Rwy 4 helicopter visibility reduction below ¾ SM NA.

MISSED APPROACH: Climbing right turn to 2000 on ACY VORTAC R-090 to SMITS INT/11 DME and hold.

ATIS	ATLANTIC CITY APP CON	ATLANTIC CITY TOWER	GND CON	CLNC DEL
125.725 316.15	124.6 327.125	120.3 239.0	121.9 284.6	127.85 353.775







TDZ/CL Rwy 13
HIRL Rwys 4-22 and 13-31
REIL Rwy 31

CATEGORY	A	B	C	D	E
S-4	480-1 412 (500-1)		480-1¼ 412 (500-1¼)		480-1½ 412 (500-1½)
CIRCLING	540-1 465 (500-1)		540-1½ 465 (500-1½)	640-2 565 (600-2)	760-2½ 685 (700-2½)

FAF to MAP 4.9 NM

Knots	60	90	120	150	180
Min:Sec	4:54	3:16	2:27	1:58	1:38

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

ATLANTIC CITY, NEW JERSEY AL-669 (FAA) 20086

VOR RWY 13
ATLANTIC CITY INTL (ACY)

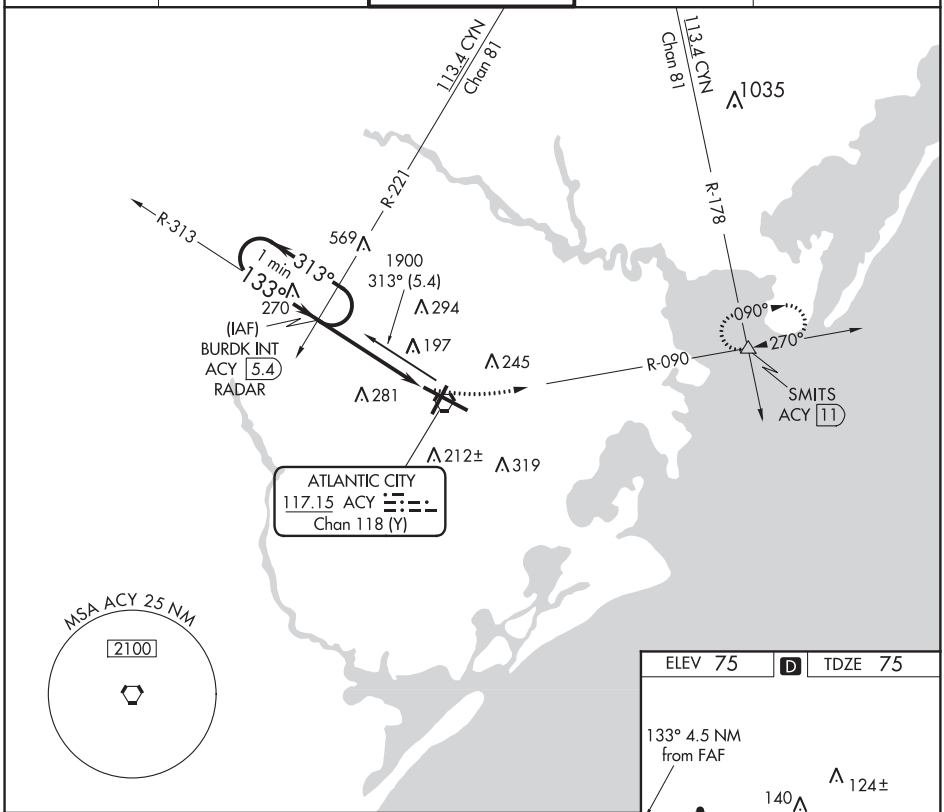
VORTAC ACY	APP CRS	Rwy ldg 10000
117.15	133°	TDZE 75
Chan 118 (Y)		Apt Elev 75

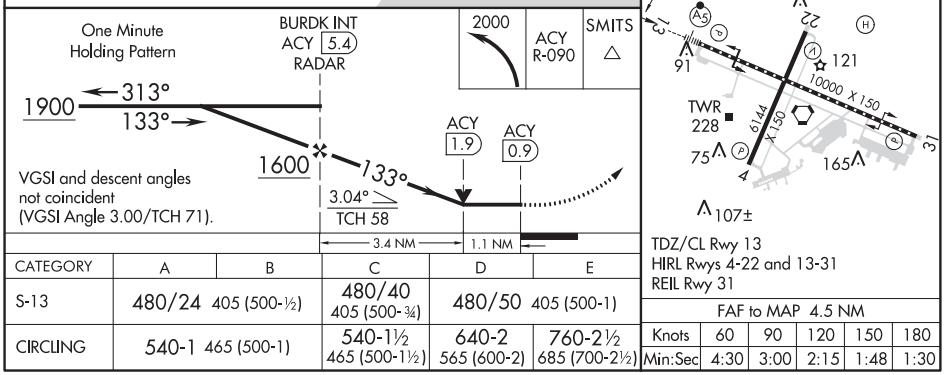
ASR: For inoperative MALSR, increase S-13 Cat D visibility to RVR 6000 and Cat E to 1½.

MALSR

MISSED APPROACH: Climbing left turn to 2000 via ACY R-090 to SMITS INT/11 DME and hold.

ATIS	ATLANTIC CITY APP CON	ATLANTIC CITY TOWER	GND CON	CLNC DEL
125.725 316.15	124.6 327.125	120.3 239.0	121.9 284.6	127.85 353.775





CATEGORY	A	B	C	D	E
S-13	480/24 405 (500-½)		480/40 405 (500-¾)	480/50 405 (500-1)	
CIRCLING	540-1 465 (500-1)		540-1½ 465 (500-1½)	640-2 565 (600-2)	760-2½ 685 (700-2½)

FAF to MAP 4.5 NM

Knots	60	90	120	150	180
Min:Sec	4:30	3:00	2:15	1:48	1:30

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

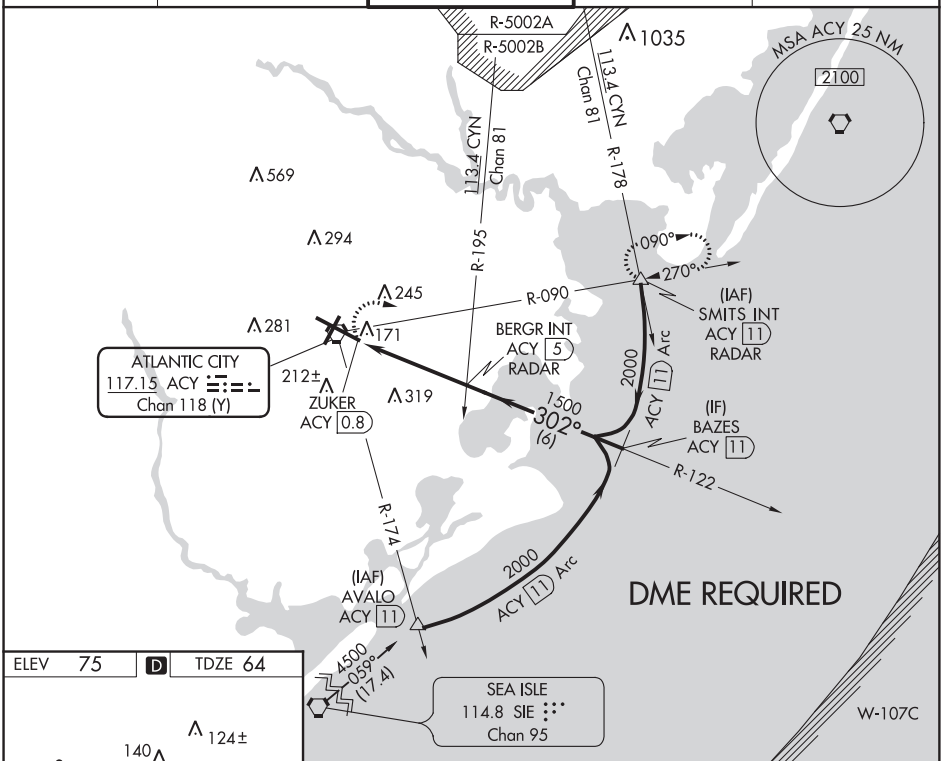
VORTAC ACY	APP CRS	Rwy ldg 10000
117.15	302°	TDZE 64
Chan 118 (Y)		Apt Elev 75

VOR RWY 31
ATLANTIC CITY INTL (ACY)

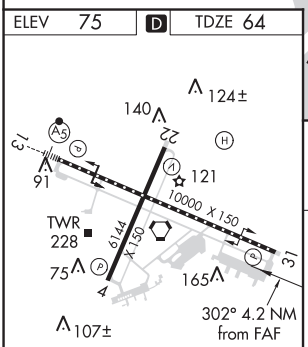
ASR

MISSED APPROACH: Climbing right turn to 2000 via heading 120° and ACY R-090 to SMITS INT/ACY 11 DME and hold.

ATIS	ATLANTIC CITY APP CON	ATLANTIC CITY TOWER	GND CON	CLNC DEL
125.725 316.15	124.6 327.125	120.3 239.0	121.9 284.6	127.85 353.775



ELEV 75 D TDZE 64

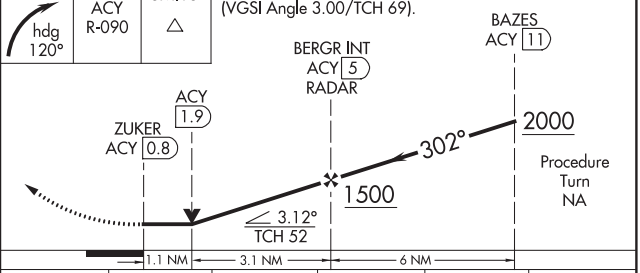


TDZ/CL Rwy 13
HIRL Rwys 4-22 and 13-31
REIL Rwy 31

FAF to MAP 4.2 NM					
Knots	60	90	120	150	180
Min:Sec	4:12	2:48	2:06	1:41	1:24

2000 hdg 120°	ACY R-090	SMITS △

VGSI and descent angles not coincident
(VGSI Angle 3.00/TCH 69).



CATEGORY	A	B	C	D	E
S-31	480/50	416 (500-1)	480/60	416 (500-1¼)	480-1½ 416 (500-1½)
CIRCLING	540-1	465 (500-1)	540-1½ 465 (500-1½)	640-2 565 (600-2)	760-2½ 685 (700-2½)

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

ATLANTIC CITY, NEW JERSEY — AL-669 (FAA) — 20142

COPTER ILS or LOC/DME RWY 13

ATLANTIC CITY INTL (ACY)

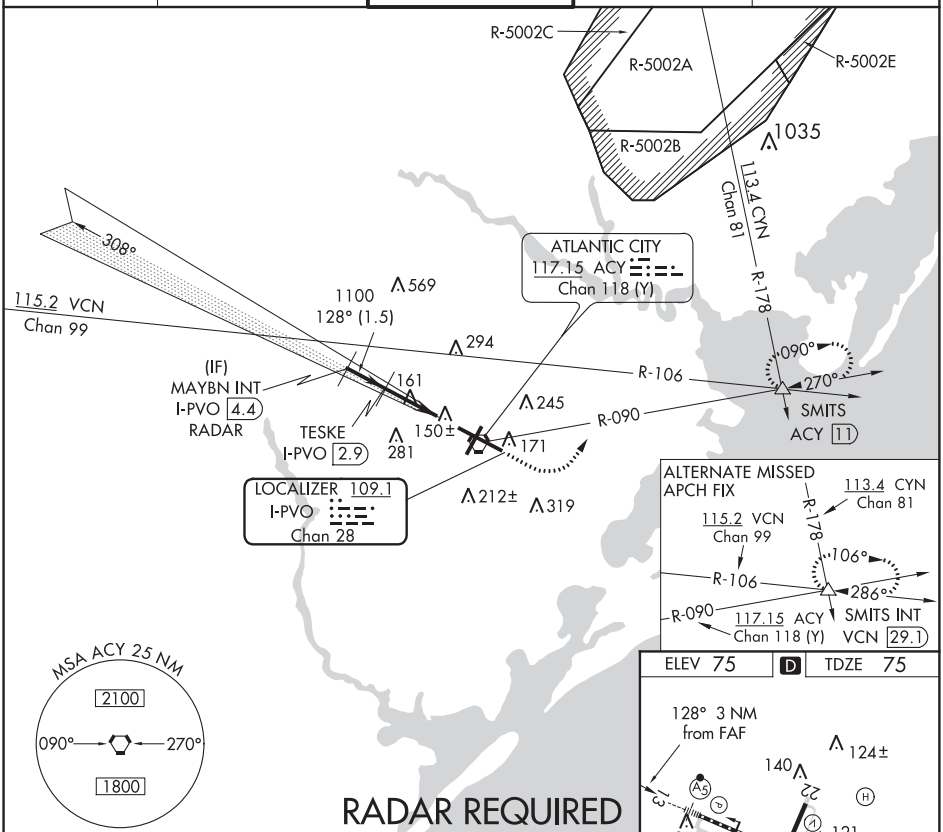
LOC/DME I-PVO	APP CRS	Rwy ldg	10000
109.1	128°	TDZE	75
Chan 28		Apt Elev	75

NA
ASR

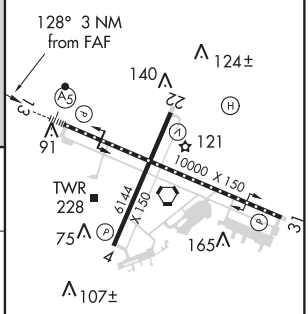
MALSR

MISSED APPROACH: Climb to 600 then climbing left turn to 2000 via ACY R-090 to SMITS INT/ACY 11 DME and hold.

ATIS	ATLANTIC CITY APP CON	ATLANTIC CITY TOWER	GND CON	CLNC DEL
125.725 316.15	124.6 327.125	120.3 239.0	121.9 284.6	127.85 353.775



ELEV 75	D	TDZE 75

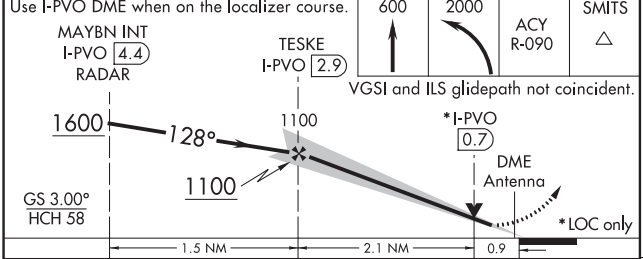


TDZ/CL Rwy 13
HIRL Rwys 4-22 and 13-31
REIL Rwy 31

Use I-PVO DME when on the localizer course.

600	2000	ACY R-090	SMITS

VGSI and ILS glidepath not coincident.



CATEGORY	COPTER
H-ILS 13	275/12 200 (200-½)
H-LOC 13	420/24 345 (400-½)

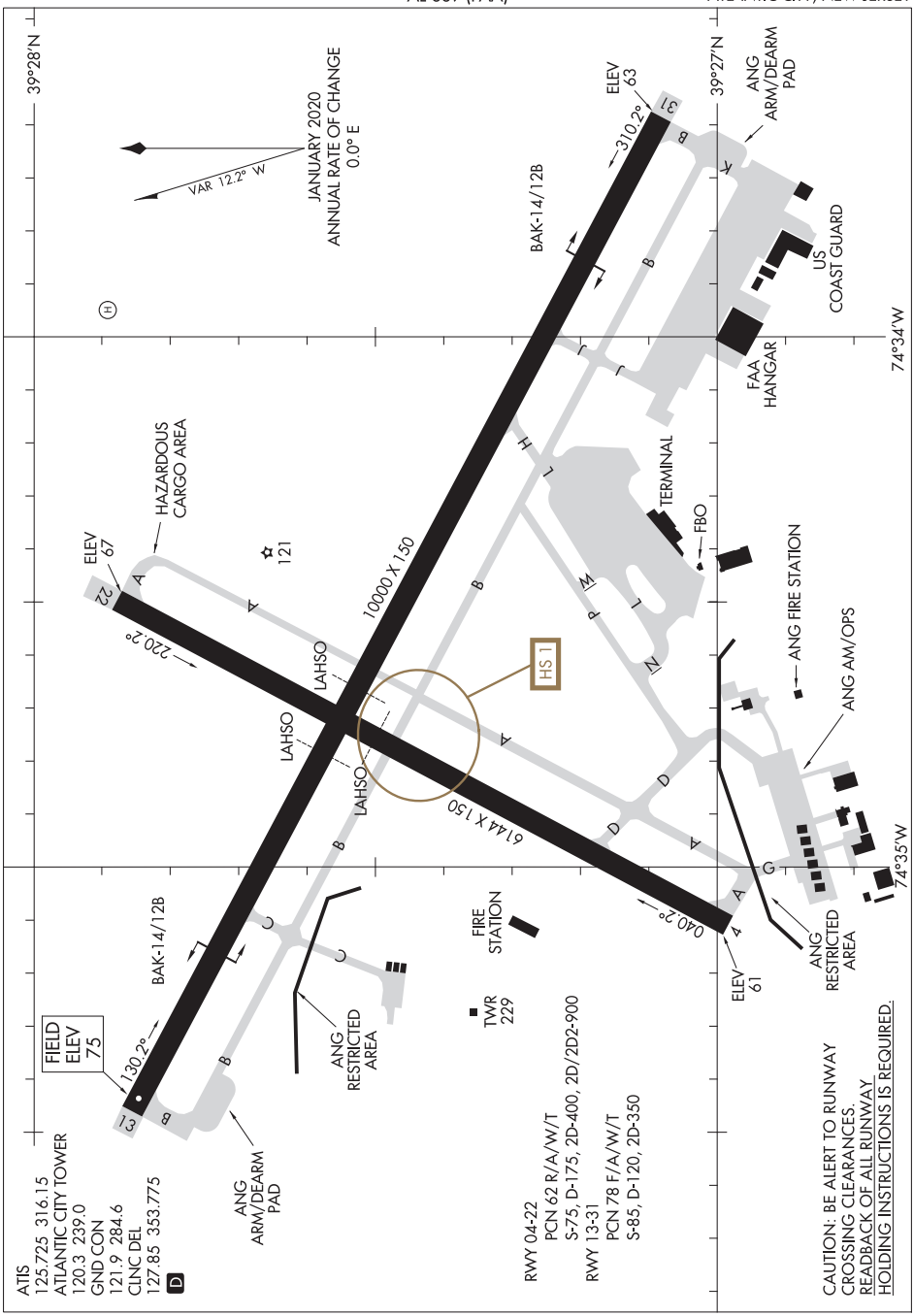
FAF to MAP 3 NM					
Knots	45	60	75	90	105
Min:Sec	4:00	3:00	2:24	2:00	1:43

ATLANTIC CITY, NEW JERSEY — 39°27′N-74°35′W — ATLANTIC CITY INTL (ACY)

Amdt 1C 07FEB13

COPTER ILS or LOC/DME RWY 13

NE-2, 10 SEP 2020 to 05 NOV 2020



NE-2, 10 SEP 2020 to 05 NOV 2020

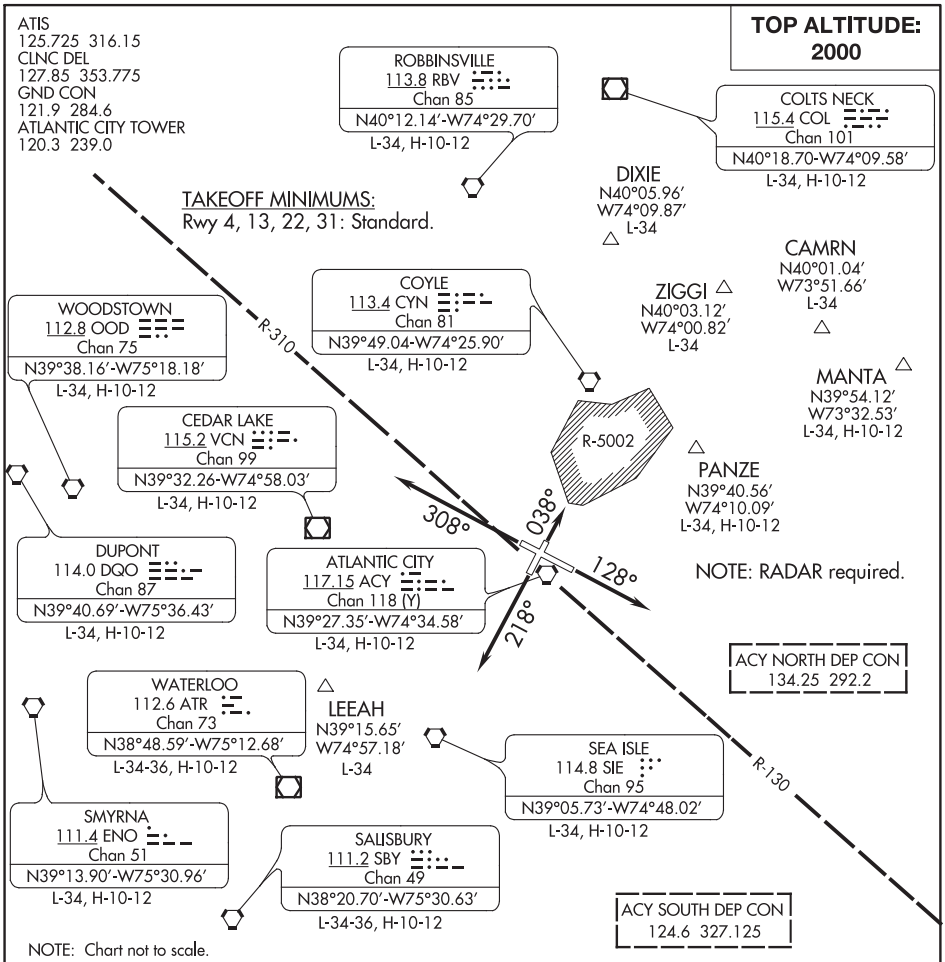
NE-2, 10 SEP 2020 to 05 NOV 2020

(ACY2.ACY) 20086

AL-669 (FAA)

ATLANTIC CITY TWO DEPARTURE

ATLANTIC CITY INTL (ACY)
ATLANTIC CITY, NEW JERSEY



NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RWY 4: Climb heading 038° or as assigned by ATC, thence....
TAKEOFF RWY 13: Climb heading 128° or as assigned by ATC, thence....
TAKEOFF RWY 22: Climb heading 218° or as assigned by ATC, thence....
TAKEOFF RWY 31: Climb heading 308° or as assigned by ATC, thence....

....for vectors to filed/assigned route or depicted fix. Maintain 2000 or assigned altitude. Expect clearance to filed altitude ten (10) minutes after departure.

SPECIAL INSTRUCTIONS: For appropriate departure control frequency, see graphic. Use frequency depicted within sector where your first navaid/fix/route is located or as assigned.

ILS or LOC RWY 28
GENESEE COUNTY (GVQ)

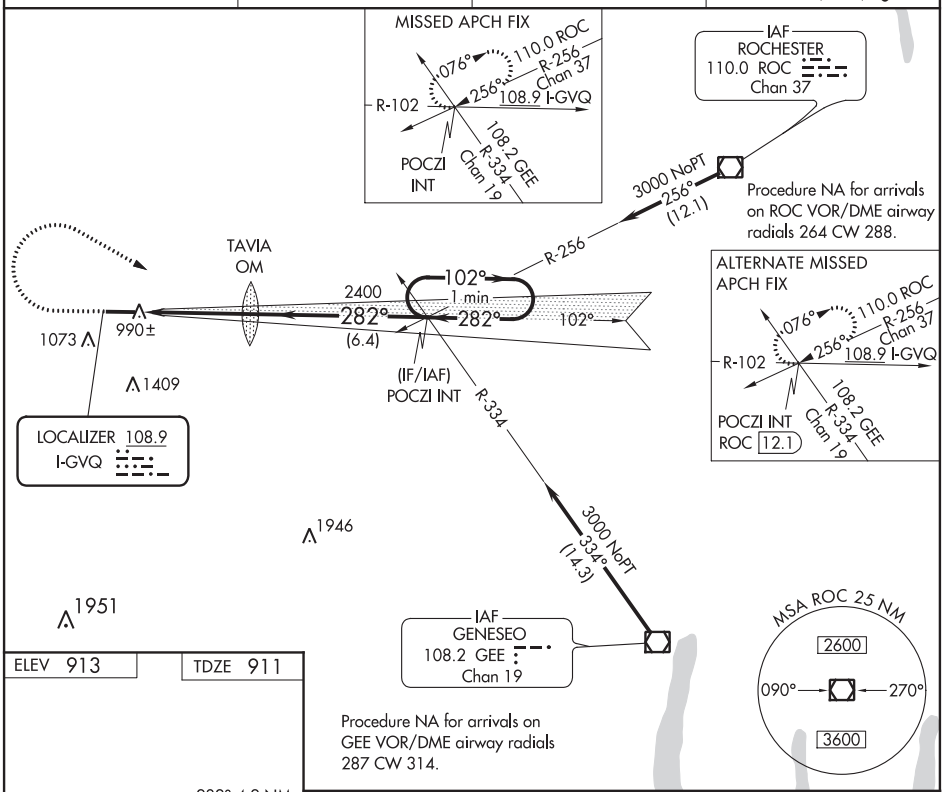
LOC I-GVQ	APP CRS	Rwy ldg	5499
108.9	282°	TDZE	911
		Apt Elev	913

When local altimeter setting not received, use Rochester altimeter setting and increase all DA 102 feet and all MDA 120 feet; increase S-LOC 28 Cats C/D and Circling Cat D visibility ¼ mile. Autopilot coupled approach NA below 1433.

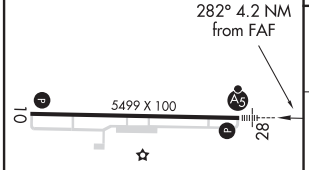
MALSR

MISSED APPROACH: Climb to 1500 then climbing right turn to 3000 via heading 130° and I-GVQ east course to POCZI INT and hold.

AWOS-3PT	ROCHESTER APP CON	CLNC DEL	UNICOM
127.525	123.7 322.3	121.8	122.7 (CTAF)

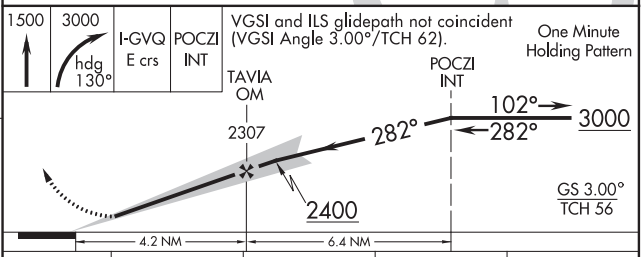


ELEV 913 TDZE 911



REIL Rwy 10
HIRL Rwy 10-28

FAF to MAP 4.2 NM					
Knots	60	90	120	150	180
Min:Sec	4:12	2:48	2:06	1:41	1:24



CATEGORY	A	B	C	D
S-ILS 28	1111-½ 200 (200-½)			
S-LOC 28	1260-½ 349 (400-½)			1260-¾ 349 (400-¾)
CIRCLING	1380-1 467 (500-1)		1380-1½ 467 (500-1½)	1480-2 567 (600-2)

NE-2, 10 SEP 2020 to 05 NOV 2020
NE-2, 10 SEP 2020 to 05 NOV 2020

BATAVIA, NEW YORK

AL-5562 (FAA)

19115

RNAV (GPS) RWY 10
GENESEE COUNTY (GVQ)

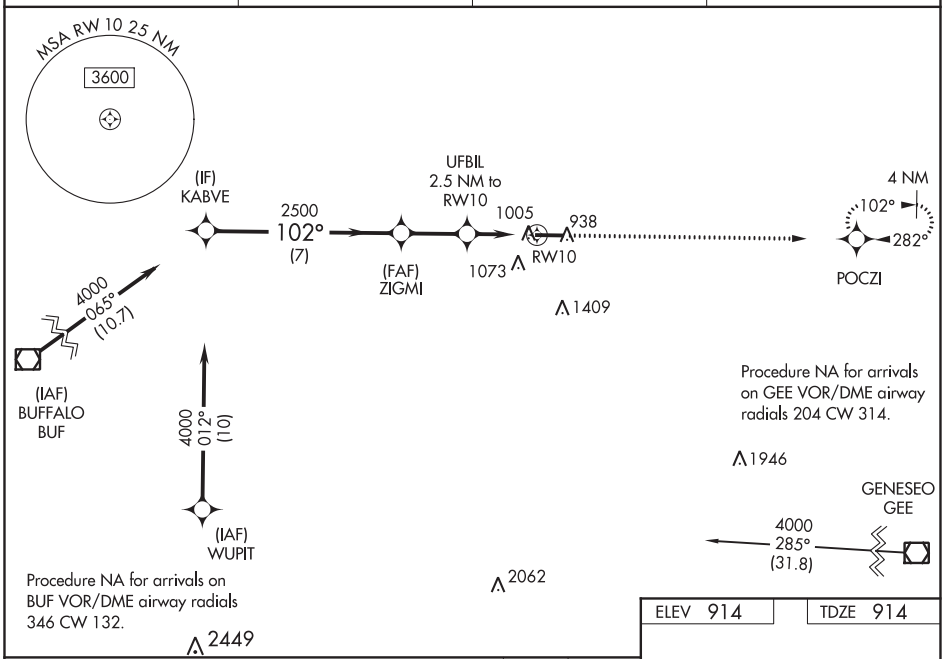
WAAS CH 82421 W10A	APP CRS 102°	Rwy ldg 5499 TDZE 914 Apt Elev 914

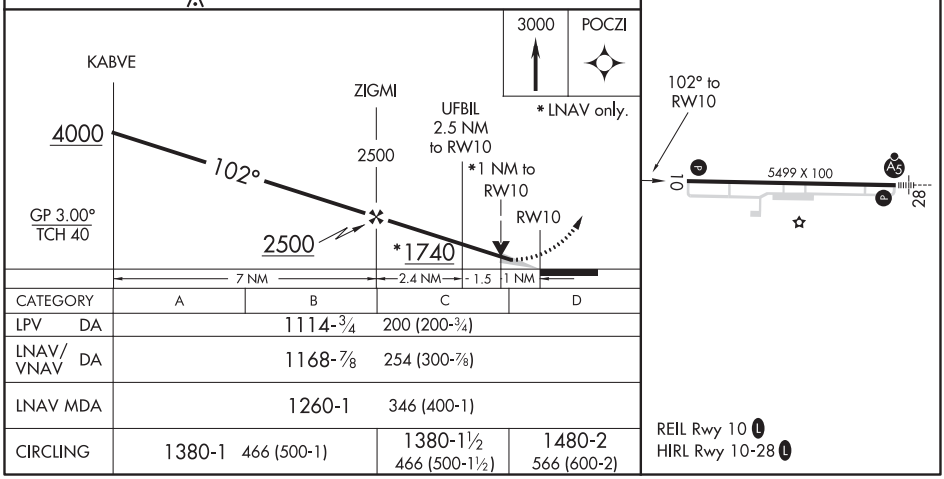
NA

For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -16°C (4°F) or above 38°C (100°F). DME/DME RNP-0.3 NA. When local altimeter setting not received, use Rochester altimeter setting and increase LPV DA all Cats to 1214, LNAV/VNAV DA all Cats to 1268, and all MDA 120 feet; increase LPV all Cats and Circling Cat D visibility ¼ mile, increase LNAV/VNAV all Cats and LNAV Cats C/D visibility ⅜ mile. Baro-VNAV and VDP NA when using Rochester altimeter setting.

MISSED APPROACH: Climb to 3000 direct POCZI and hold.

AWOS-3PT	ROCHESTER APP CON	CLNC DEL	UNICOM
127.525	123.7 322.3	121.8	122.7 (CTAF) L





CATEGORY	A	B	C	D
LPV DA	1114-¾ 200 (200-¾)			
LNAV/VNAV DA	1168-⅞ 254 (300-⅞)			
LNAV MDA	1260-1 346 (400-1)			
CIRCLING	1380-1 466 (500-1)		1380-1½ 466 (500-1½)	1480-2 566 (600-2)

BATAVIA, NEW YORK
Orig-A 17AUG17

43°02'N-78°10'W

GENESEE COUNTY (GVQ)
RNAV (GPS) RWY 10

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

WAAS CH 86311 W28A	APP CRS 282°	Rwy ldg 5499 TDZE 911 Apt Elev 913

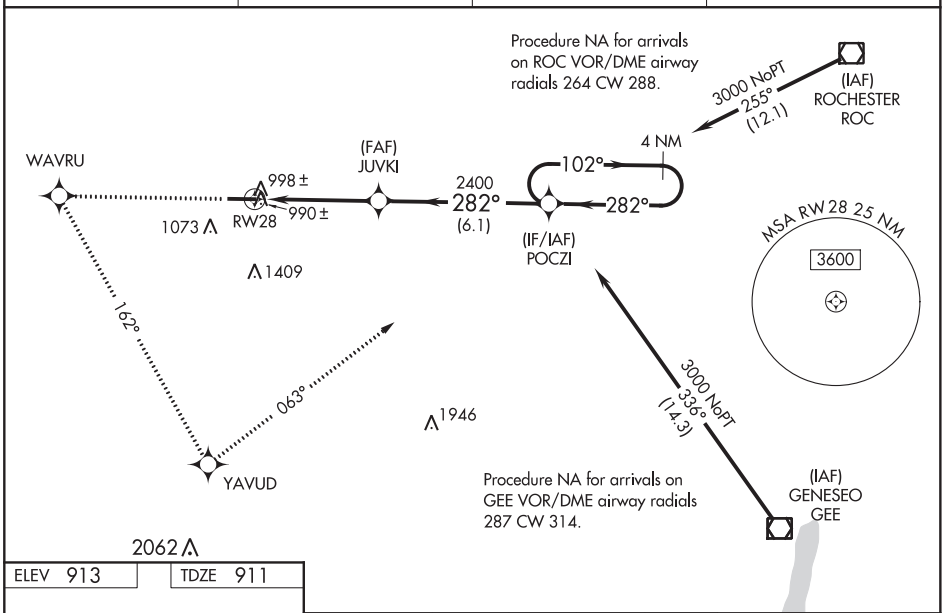
RNAV (GPS) RWY 28
GENESEE COUNTY (GVQ)

T A NA — For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -16°C (4°F) or above 46°C (114°F). DME/DME RNP-0.3 NA. When local altimeter setting not received, use Rochester altimeter setting and increase all DA 102 feet and all MDA 120 feet; increase LPV all Cats visibility ¼ mile, LNAV/VNAV all Cats visibility ½ mile, LNAV Cat C and Circling Cat D visibility ¼ mile. Baro-VNAV and VDP NA when using Rochester altimeter setting. For inoperative MALSR increase LNAV Cat D visibility to 1¼ mile. For inoperative MALSR, when using Rochester altimeter setting increase LPV visibility all Cats to 1¼ mile.

MALSR A5

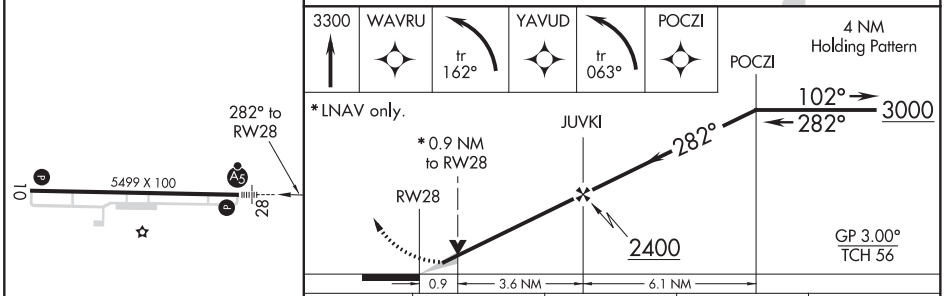
MISSED APPROACH: Climb to 3300 direct WAVRU and left turn via 162° track to YAVUD and left turn via 063° track to POCZI and hold.

AWOS-3PT	ROCHESTER APP CON	CLNC DEL	UNICOM
127.525	123.7 322.3	121.8	122.7 (CTAF) L



2062

ELEV 913	TDZE 911



CATEGORY	A	B	C	D
LPV DA	1161-½ 250 (300-½)			
LNAV/VNAV DA	1364-1 453 (500-1)			
LNAV MDA	1260-½ 349 (400-½)			1260-1 349 (400-1)
CIRCLING	1380-1 467 (500-1)		1380-1½ 467 (500-1½)	1480-2 567 (600-2)

REIL Rwy 10 L
HIRL Rwy 10-28 L

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

BATAVIA, NEW YORK | AL-5562 (FAA) | 20254

VOR/DME-A
GENESEE COUNTY (GVQ)

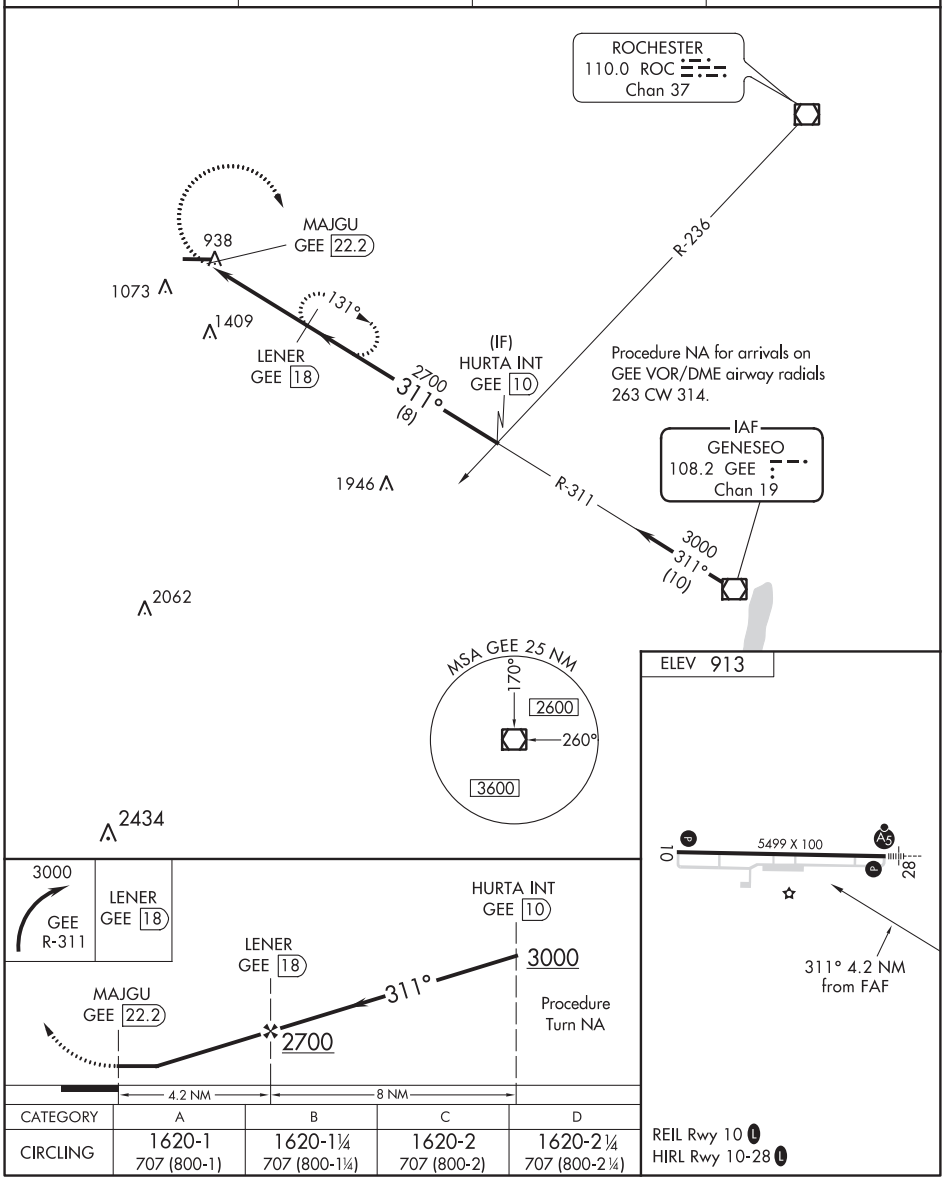
VOR/DME GEE 108.2 Chan 19	APP CRS 311°	Rwy ldg N/A TDZE N/A Apt Elev 913

When local altimeter setting not received, use Rochester altimeter setting and increase all MDA 120 feet; increase Cat C and D visibility ½ mile.

NA

MISSED APPROACH: Climbing right turn to 3000 via GEE VOR/DME R-311 to LENER/18 DME and hold, continue to climb-in-hold to 3000.

AWOS-3PT	ROCHESTER APP CON	CLNC DEL	UNICOM
127.525	123.7 322.3	121.8	122.7 (CTAF) L



CATEGORY	A	B	C	D
CIRCLING	1620-1 707 (800-1)	1620-1¼ 707 (800-1¼)	1620-2 707 (800-2)	1620-2¼ 707 (800-2¼)

REIL Rwy 10 L
HIRL Rwy 10-28 L

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

APP CRS	Rwy ldg	7345
144°	TDZE	119
	Apt Elev	153

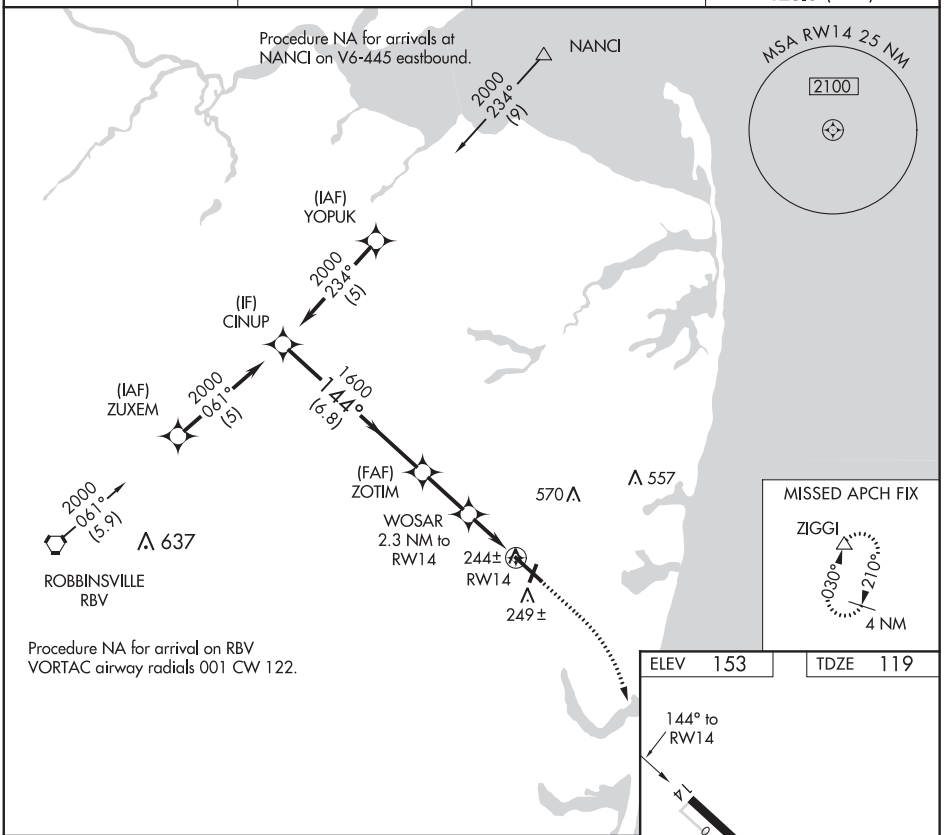
RNAV (GPS) RWY 14
MONMOUTH EXECUTIVE (BLM)

RNP APCH.

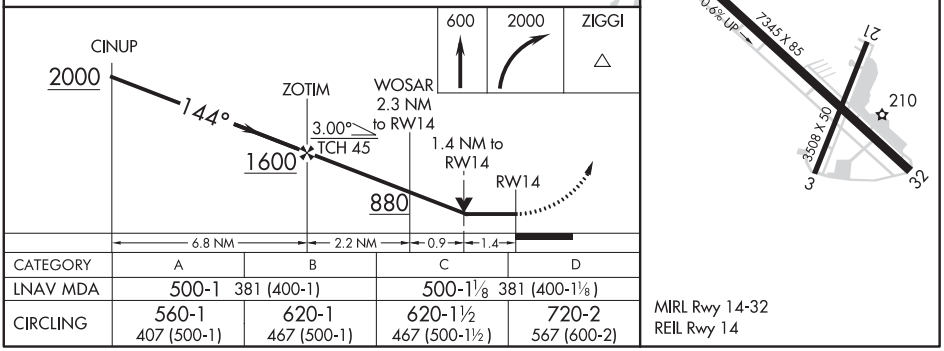
Circling Rwy 3, 21 NA at night. Rwy 14 helicopter visibility reduction below ¾ SM NA. VDP NA when using Lakehurst altimeter setting. When local altimeter setting not received, use Lakehurst altimeter setting and increase all MDA 40 feet, increase LNAV Cats C and D visibility ⅛ SM.

MISSED APPROACH: Climb to 600 then climbing right turn to 2000 direct ZIGGI and hold.

AWOS-3PT	MC GUIRE APP CON	CLNC DEL	UNICOM
121.625	126.475 363.8	126.15	123.0 (CTAF)



ELEV	153	TDZE	119



CATEGORY	A	B	C	D
LNAV MDA	500-1 381 (400-1)		500-1⅛ 381 (400-1⅛)	
CIRCLING	560-1 407 (500-1)	620-1 467 (500-1)	620-1½ 467 (500-1½)	720-2 567 (600-2)

MIRL Rwy 14-32
REIL Rwy 14

APP CRS	Rwy ldg	7345
325°	TDZE	153
	Apt Elev	153

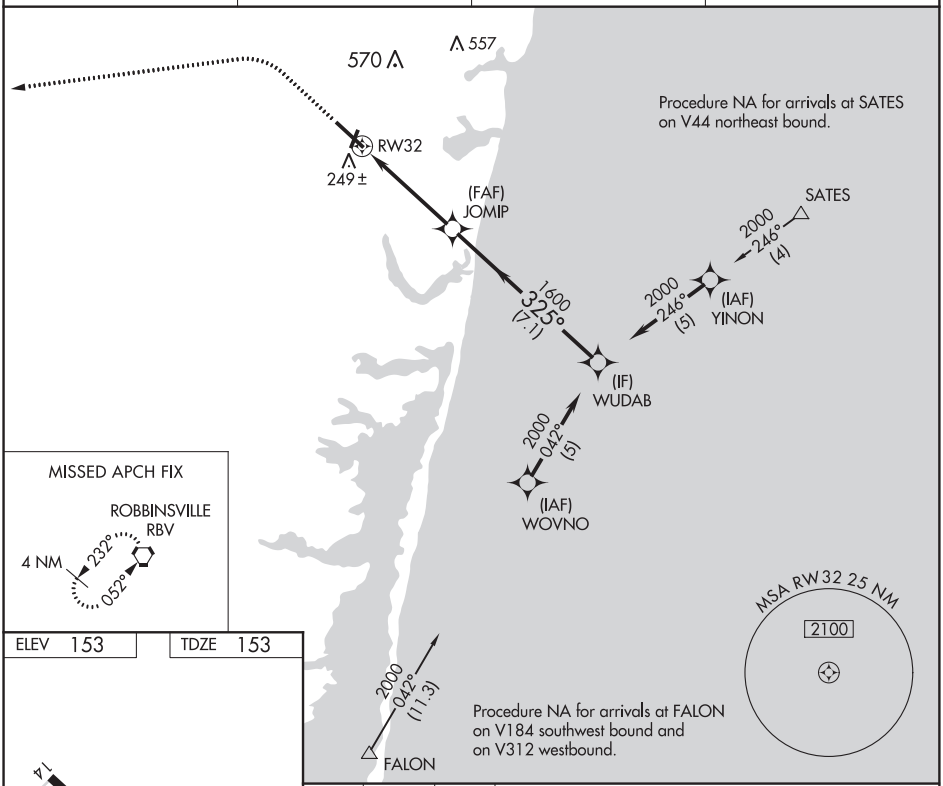
RNAV (GPS) RWY 32
MONMOUTH EXECUTIVE (BLM)

RNP APCH.

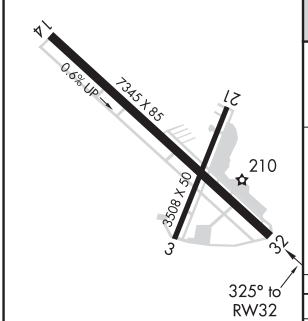
Circling Rwy 3, 21 NA at night. Rwy 32 helicopter visibility reduction below ¾ SM NA. When local altimeter setting not received, use Lakehurst altimeter setting and increase all MDA 40 feet, increase LNAV Cats C and D visibility ¼ SM.

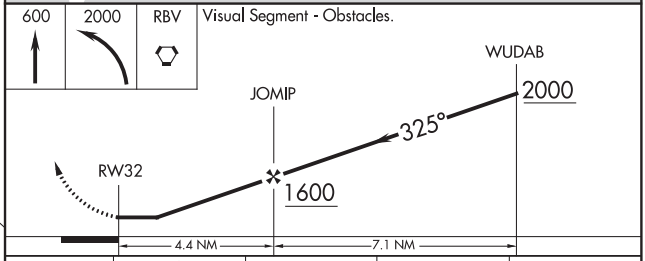
MISSED APPROACH: Climb to 600 then climbing left turn to 2000 direct RBV VORTAC and hold.

AWOS-3PT	MC GUIRE APP CON	CLNC DEL	UNICOM
121.625	126.475 363.8	126.15	123.0 (CTAF)



ELEV 153 TDZE 153





CATEGORY	A	B	C	D
LNAV MDA	560-1 407 (500-1)		560-1⅛ 407 (500-1⅛)	
CIRCLING	560-1 407 (500-1)	620-1 467 (500-1)	620-1½ 467 (500-1½)	720-2 567 (600-2)

MIRL Rwy 14-32
REIL Rwy 14

NE-2, 10 SEP 2020 to 05 NOV 2020

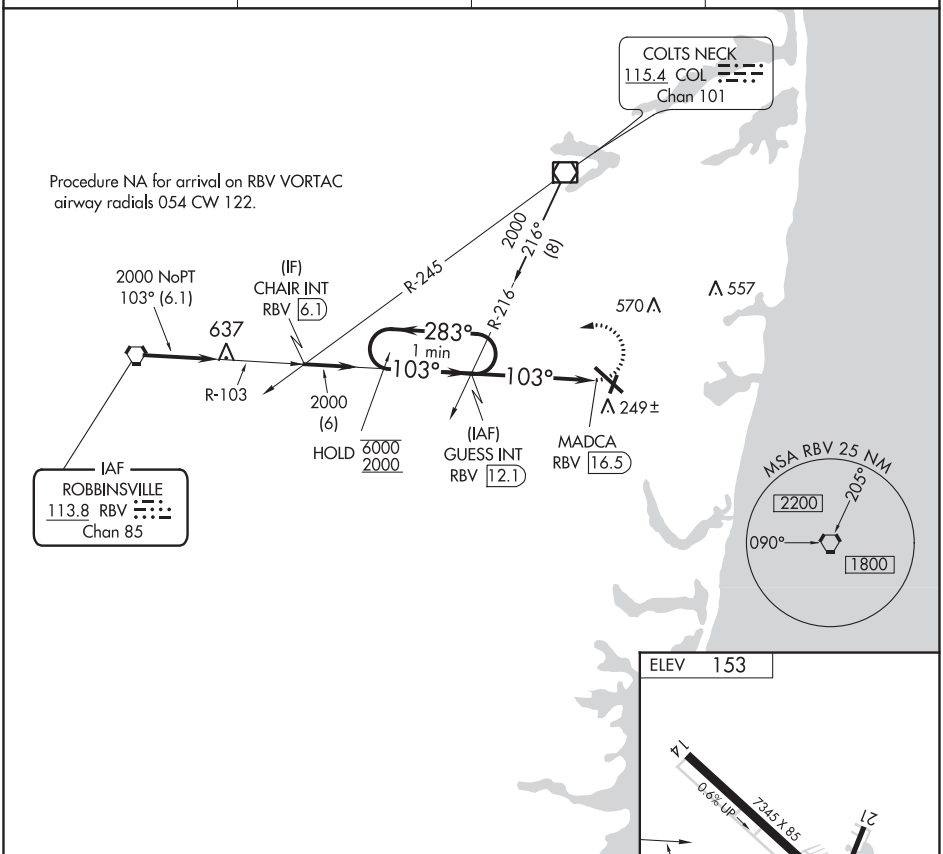
VORTAC RBV	APP CRS	Rwy ldg	N/A
113.8	103°	TDZE	N/A
Chan 85		Apt Elev	153

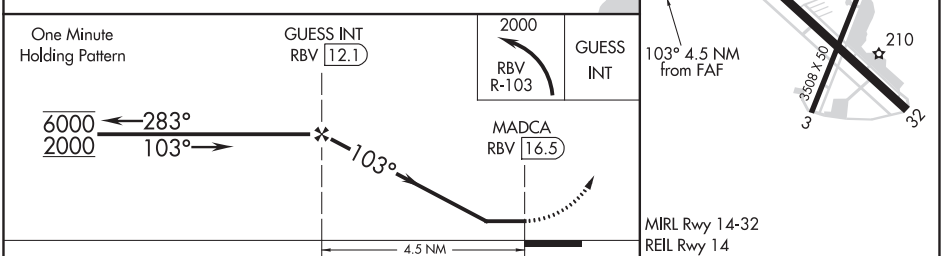
VOR-A
MONMOUTH EXECUTIVE (BLM)

Circling Rwy 3, 21 NA at night. When local altimeter setting not received, use Lakehurst altimeter setting and increase all MDA 40 feet.

MISSED APPROACH: Climbing left turn to 2000 on RBV VORTAC R-103 to GUESS INT/RBV 12.1 DME and hold.

AWOS-3PT	MC GUIRE APP CON	CLNC DEL	UNICOM
121.625	126.475 363.8	126.15	123.0 (CTAF)





CATEGORY	A	B	C	D
CIRCLING	640-1 487 (500-1)		640-1½ 487 (500-1½)	720-2 567 (600-2)

FAF to MAP 4.5 NM					
Knots	60	90	120	150	180
Min:Sec	4:30	3:00	2:15	1:48	1:30

NE-2, 10 SEP 2020 to 05 NOV 2020
NE-2, 10 SEP 2020 to 05 NOV 2020

BERLIN, NEW JERSEY | AL-5496 (FAA) | 20198

APP CRS	Rwy ldg	2354
050°	TDZE	150
	Apt Elev	150

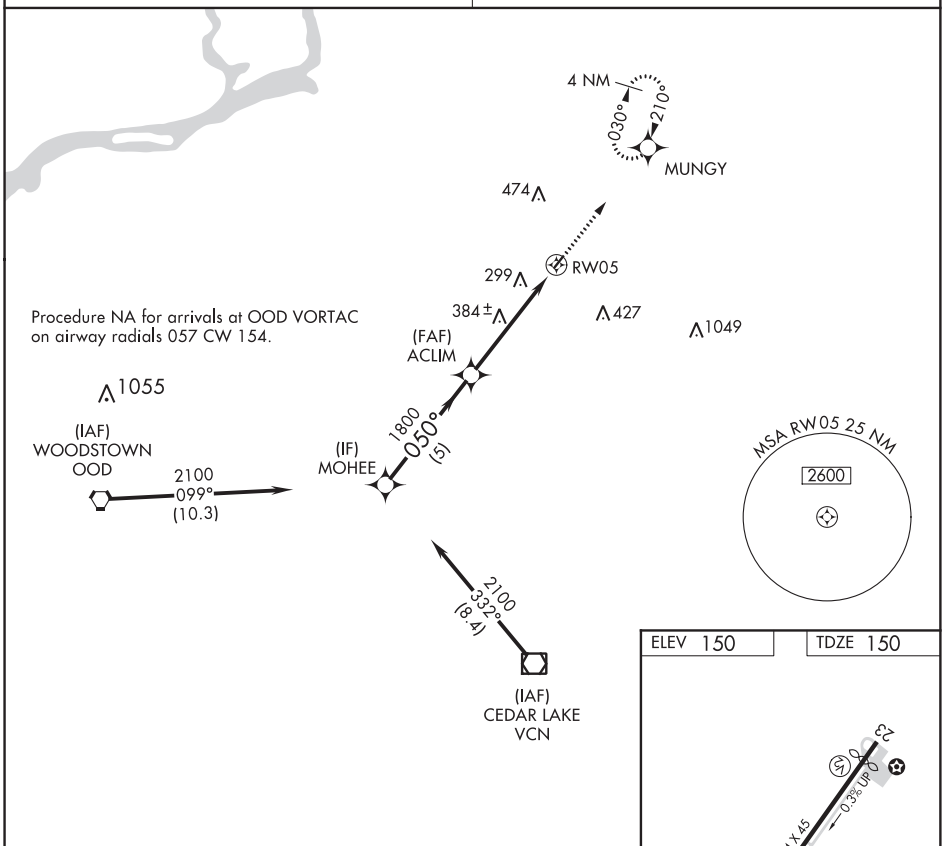
RNAV (GPS) RWY 5
CAMDEN COUNTY (19N)

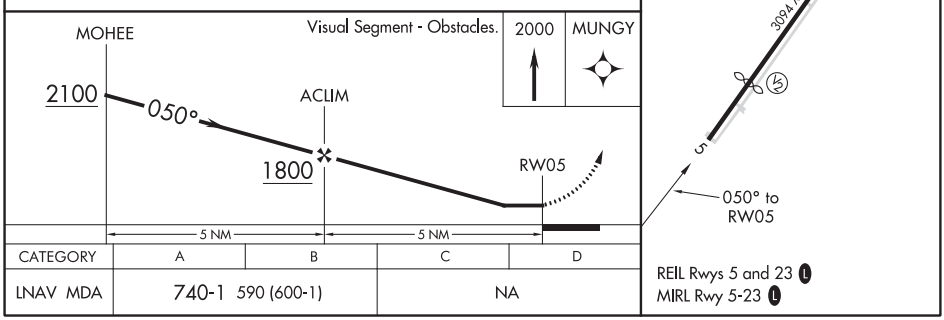
RNP APCH.

Rwy 5 helicopter visibility reduction below 1 SM NA.
Procedure NA at night. Use Mount Holly altimeter setting; when not received use Philadelphia Intl altimeter setting and increase all MDA 20 feet.

MISSED APPROACH: Climb to 2000 direct MUNGY and hold.

MC GUIRE APP CON	UNICOM
126.475 363.8	123.0 (CTAF) L





CATEGORY	A	B	C	D
LNAV MDA	740-1 590 (600-1)		NA	

REIL Rwys 5 and 23 L
MIRL Rwy 5-23 L

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

APP CRS	Rwy ldg	2855
230°	TDZE	142
	Apt Elev	150

RNAV (GPS) RWY 23
CAMDEN COUNTY (19N)

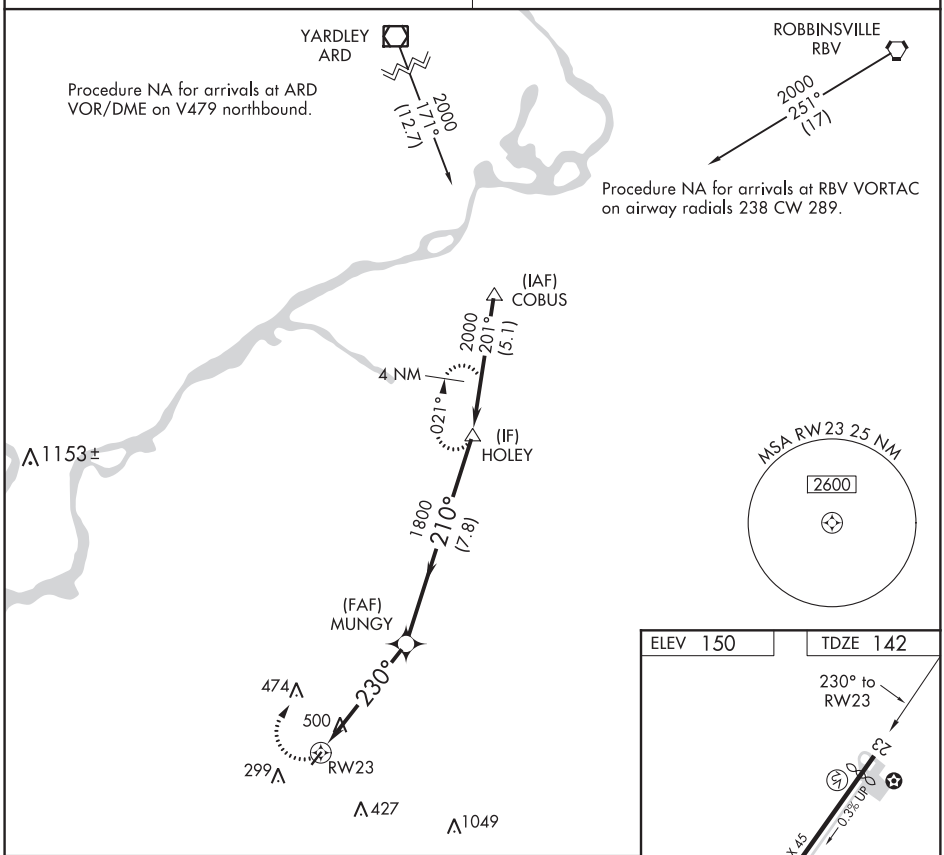
RNP APCH.

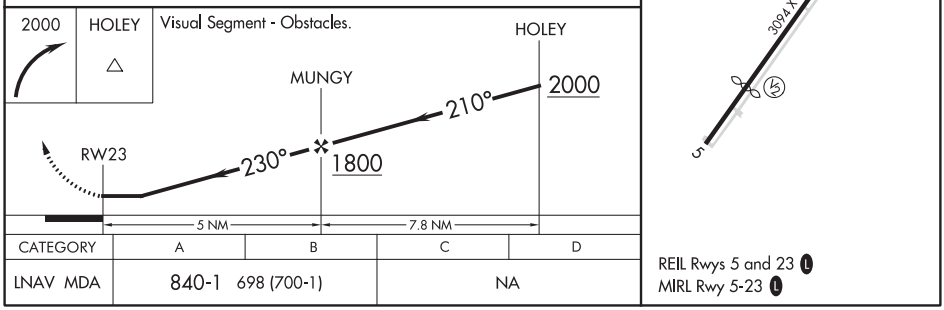
NA

Rwy 23 helicopter visibility reduction below 1 SM NA. Use Mount Holly altimeter setting; if not received use Philadelphia Intl altimeter setting and increase all MDA 20 feet. Procedure NA at night.

MISSED APPROACH: Climbing right turn to 2000 direct HOLEY and hold.

MC GUIRE APP CON	UNICOM
126.475 363.8	123.0 (CTAF) L





CATEGORY	A	B	C	D
LNAV MDA	840-1 698 (700-1)		NA	

NE-2, 10 SEP 2020 to 05 NOV 2020

BERLIN, NEW JERSEY | AL-5496 (FAA) | 20254

VOR-B
CAMDEN COUNTY (19N)

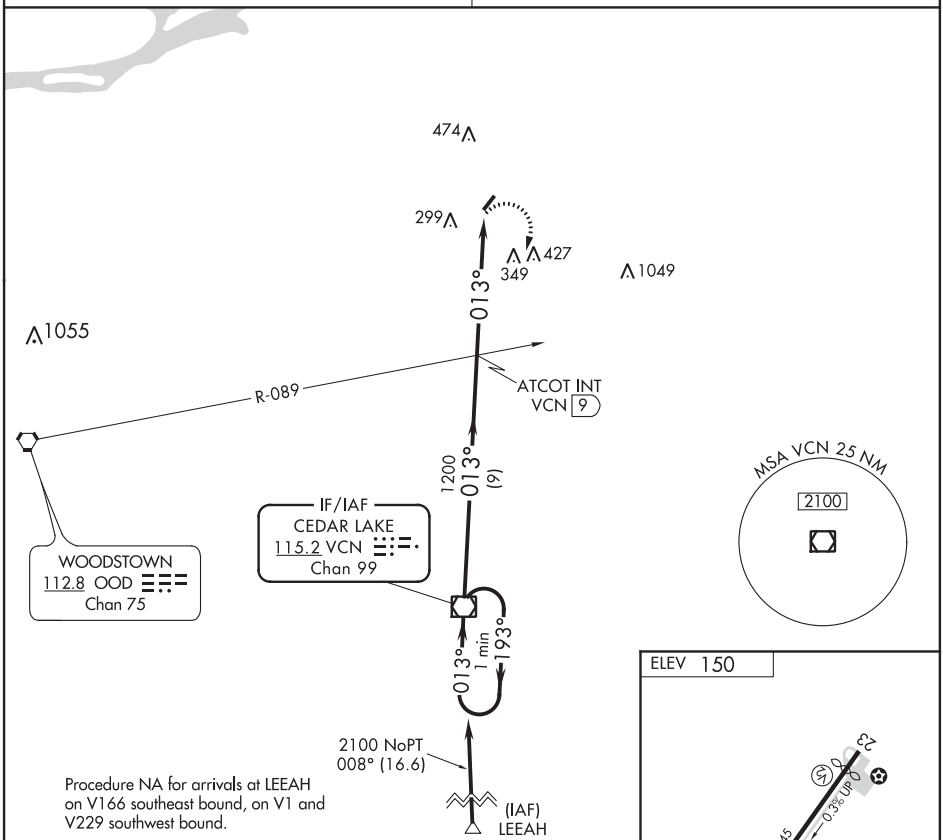
VOR/DME VCN	APP CRS	Rwy ldg	N/A
115.2	013°	TDZE	N/A
Chan 99		Apt Elev	150

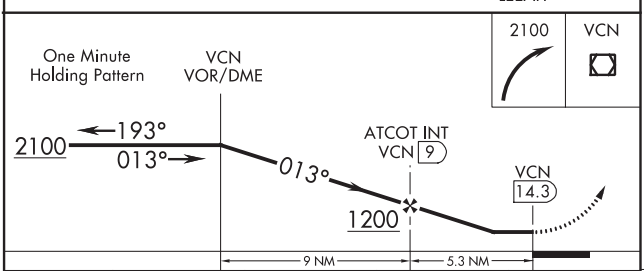
Procedure NA at night. Visibility reduction by helicopters NA. Use Mount Holly altimeter setting, when not received, use Philadelphia Intl altimeter setting and increase MDA 20 feet.

NA

MISSED APPROACH: Climbing right turn to 2100 direct VCN VOR/DME and hold.

MC GUIRE APP CON	UNICOM
126.475 363.8	123.0 (CTAF) L





CATEGORY	A	B	C	D
CIRCLING	900-1 750 (800-1)	NA		

FAF to MAP 5.3 NM					
Knots	60	90	120	150	180
Min:Sec	5:18	3:32	2:39	2:07	1:46

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

LOC I-AAJ	APP CRS	Rwy ldg	6905
110.3	158°	TDZE	1634
		Apt Elev	1636

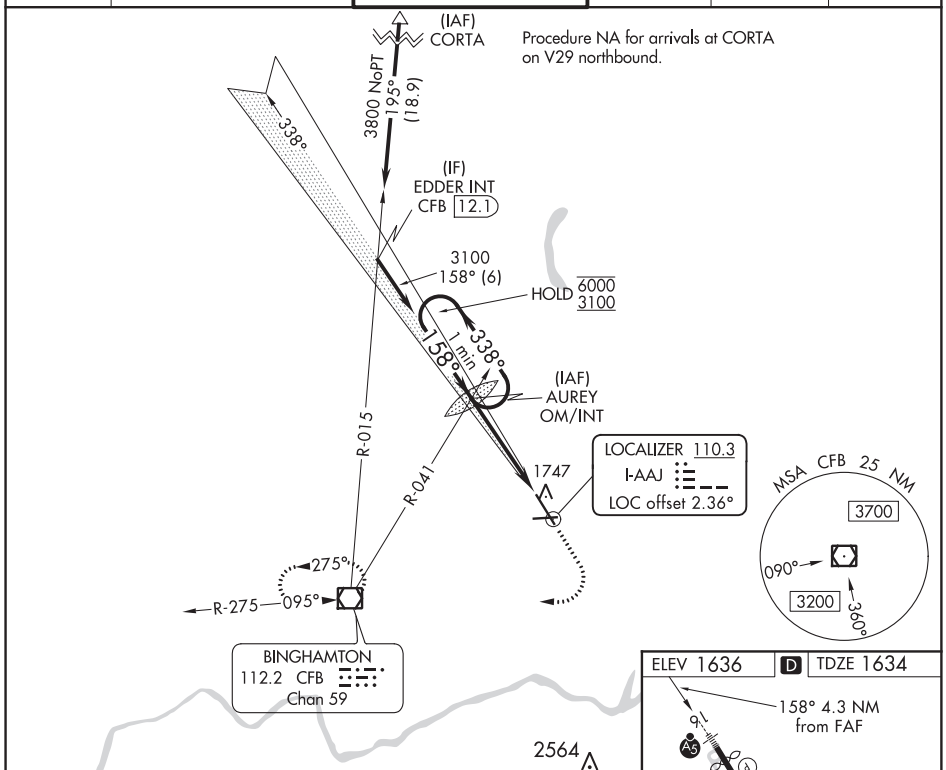
ILS or LOC RWY 16
GREATER BINGHAMTON/EDWIN A LINK FIELD (BGM)

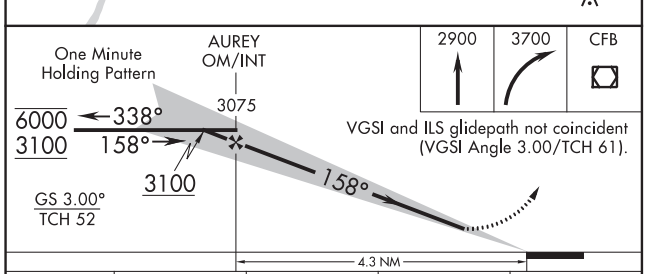
For inop ALS, increase S-LOC 16 Cats C and D visibility to RVR 5500.

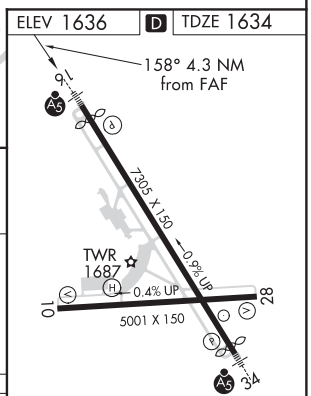
MALSR

MISSED APPROACH: Climb to 2900 then climbing right turn to 3700 direct CFB VOR/DME and hold.

ATIS	BINGHAMTON APP CON ★	BINGHAMTON TOWER ★	GND CON	CLNC DEL	UNICOM
128.15	118.6 257.625	119.3 (CTAF) L 239.25	121.9	125.05	122.95







CATEGORY	A	B	C	D
S-ILS 16	1884/24 250 (300-½)			
S-LOC 16	1980/24 346 (400-½)		1980/30 346 (400-⅝)	
C CIRCLING	2120-1 484 (500-1)		2120-1½ 484 (500-1½)	2200-2 564 (600-2)

FAF to MAP 4.3 NM					
Knots	60	90	120	150	180
Min:Sec	4:18	2:52	2:09	1:43	1:26

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

BINGHAMTON, NEW YORK AL-20 (FAA) 20254

LOC I-BGM	APP CRS	Rwy ldg	7100
110.3	340°	TDZE	1601
		Apt Elev	1636

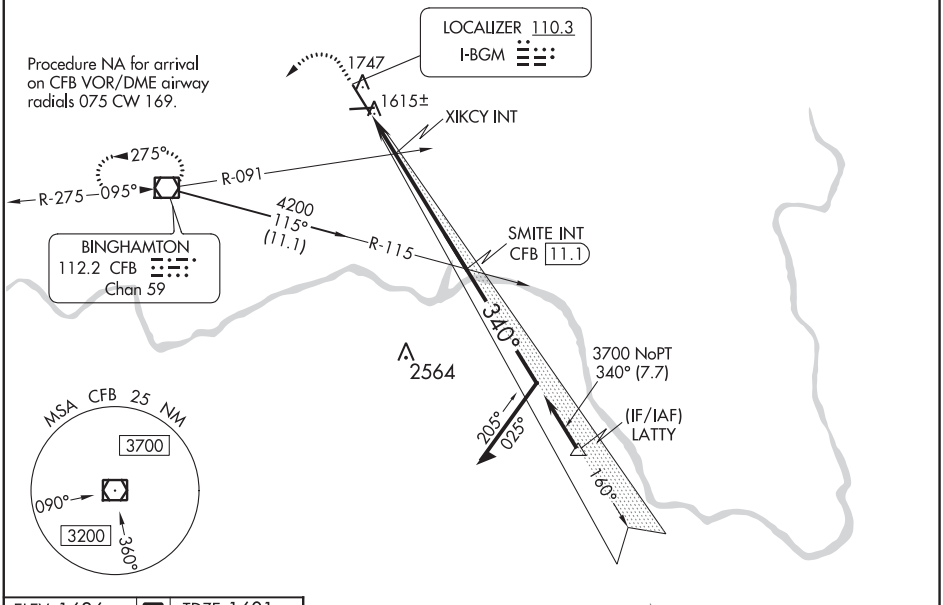
ILS or LOC RWY 34

GREATER BINGHAMTON/EDWIN A LINK FIELD (BGM)

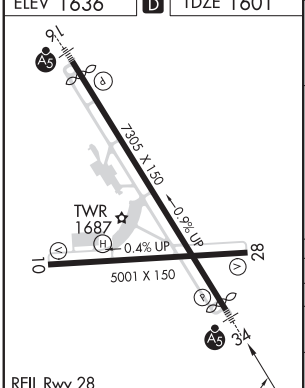
MALSR

MISSED APPROACH: Climb to 2200 then climbing left turn to 3900 direct CFB VOR/DME and hold, continue climb-in-hold to 3900.

ATIS	BINGHAMTON APP CON ★	BINGHAMTON TOWER ★	GND CON	CLNC DEL	UNICOM
128.15	118.6 257.625	119.3 (CTAF) L 239.25	121.9	125.05	122.95



ELEV 1636 D TDZE 1601

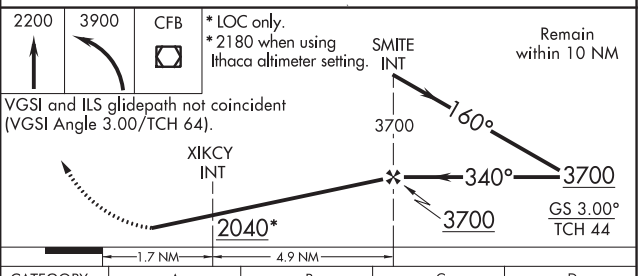


REIL Rwy 28
MIRL Rwy 10-28 L
HIRL Rwy 16-34 L

340° 6.6 NM from FAF

FAF to MAP 6.6 NM

Knots	60	90	120	150	180
Min:Sec	6:36	4:24	3:18	2:38	2:12



CATEGORY	A	B	C	D
S-ILS 34	1851/24 250 (300-½)			
S-LOC 34	2040/24 439 (500-½)		2040/40 439 (500-¾)	
C CIRCLING	2120-1 484 (500-1)		2120-1½ 484 (500-1½)	2200-2 564 (600-2)
XIKCY FIX MINIMUMS				
S-LOC 34	1940/24 339 (400-½)		1940/26 339 (400-½)	
C CIRCLING	2120-1 484 (500-1)		2120-1½ 484 (500-1½)	2200-2 564 (600-2)

BINGHAMTON, NEW YORK
Amdt 5 10SEP20
GREATER BINGHAMTON/EDWIN A LINK FIELD (BGM)
42°13'N-75°59'W
ILS or LOC RWY 34

NE-2, 10 SEP 2020 to 05 NOV 2020

WAAS CH 93820 W10A	APP CRS 098°	Rwy ldg 5001 TDZE 1591 Apt Elev 1636

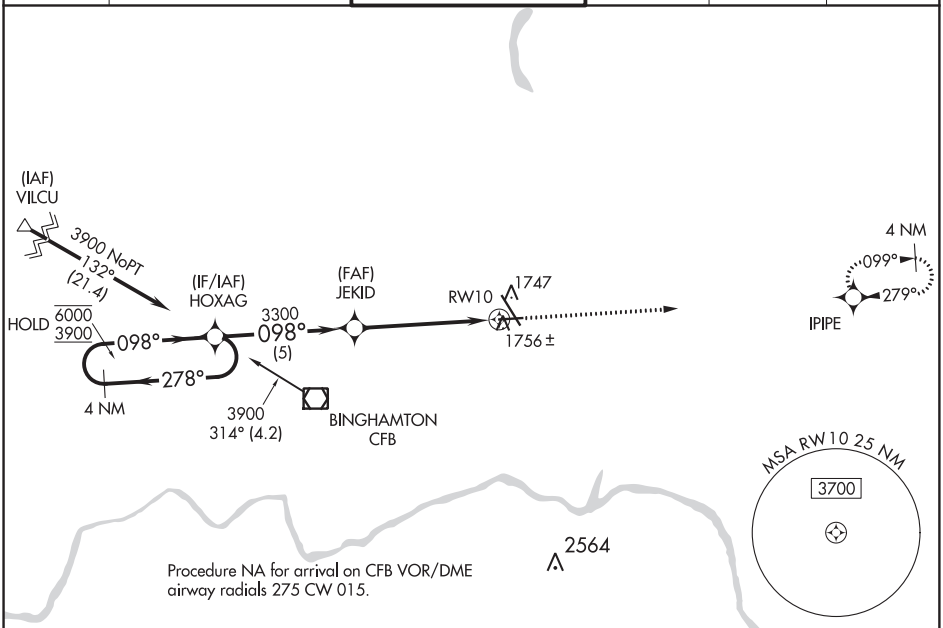
RNAV (GPS) RWY 10
GREATER BINGHAMTON/EDWIN A LINK FIELD (BGM)

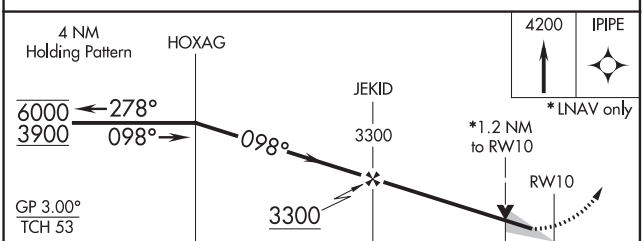
RNP APCH.

For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -21°C or above 54°C.

MISSED APPROACH: Climb to 4200 direct IPIPE and hold.

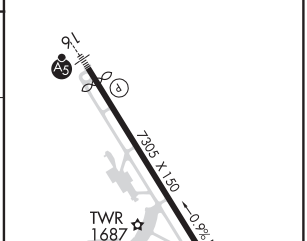
ATIS	BINGHAMTON APP CON ★	BINGHAMTON TOWER ★	GND CON	CLNC DEL	UNICOM
128.15	118.6 257.625	119.3 (CTAF) L 239.25	121.9	125.05	122.95





CATEGORY	A	B	C	D
LPV DA	1841-¾ 250 (300-¾)			
LNAV/VNAV DA	1937-1 346 (400-1)			
LNAV MDA	2020-1 429 (400-1)		2020-1¼ 429 (400-1¼)	
C CIRCLING	2120-1 484 (500-1)		2120-1½ 484 (500-1½)	2200-2 564 (600-2)

ELEV 1636 D TDZE 1591



REIL Rwy 28
MIRL Rwy 10-28 L
HIRL Rwy 16-34 L

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

WAAS CH 66015 W16A	APP CRS 160°	Rwy ldg 6905 TDZE 1634 Apt Elev 1636

RNAV (GPS) RWY 16
GREATER BINGHAMTON/EDWIN A LINK FIELD (BGM)

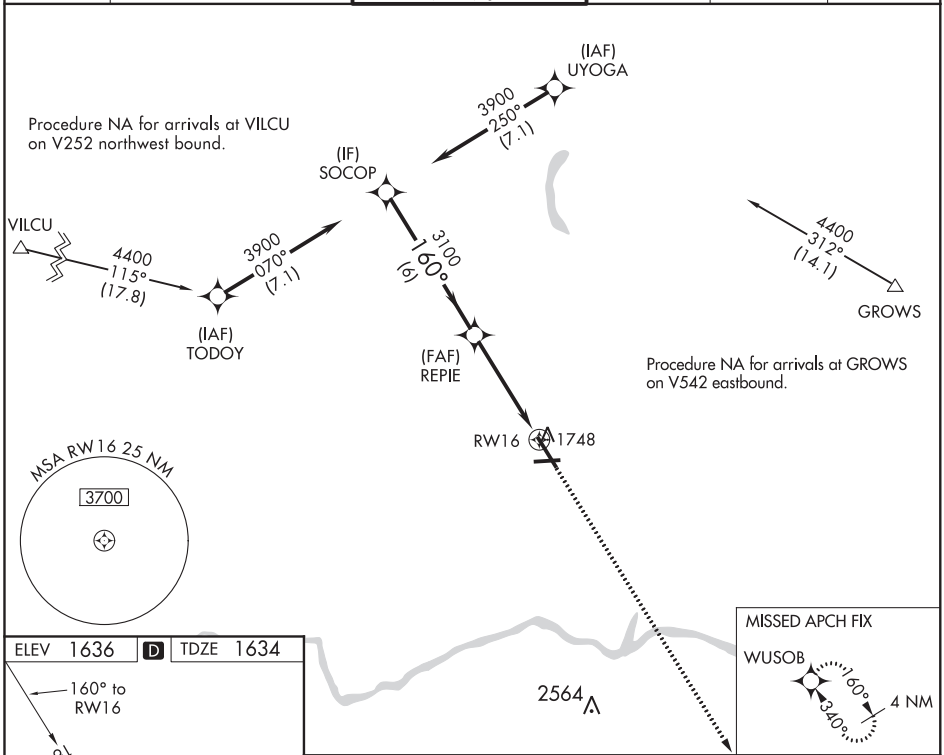
RNP APCH.

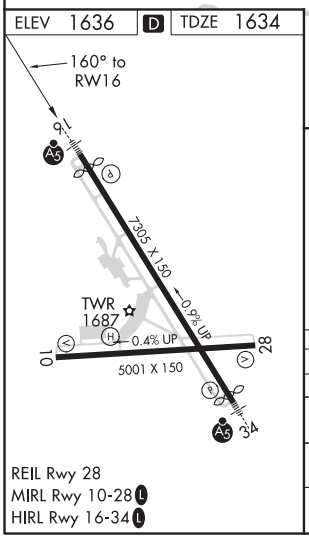
For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -21°C or above 54°C.
For inop ALS, increase LNAV/VNAV all Cats visibility to RVR 5500.

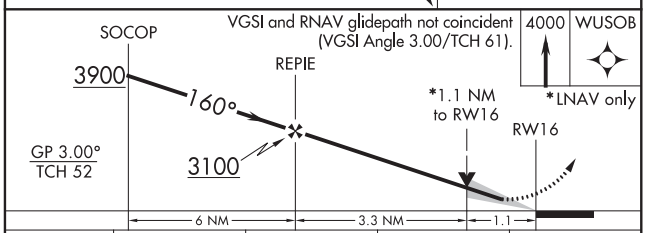
MALSR

MISSED APPROACH: Climb to 4000 direct WUSOB and hold.

ATIS	BINGHAMTON APP CON ★	BINGHAMTON TOWER ★	GND CON	CLNC DEL	UNICOM
128.15	118.6 257.625	119.3 (CTAF) L 239.25	121.9	125.05	122.95







CATEGORY	A	B	C	D
LPV DA	1884/24 250 (300-½)			
LNAV/VNAV DA	1984/30 350 (400-⅝)			
LNAV MDA	2060/24 426 (500-½)		2060/40 426 (500-¾)	
C CIRCLING	2120-1 484 (500-1)		2120-1½ 484 (500-1½)	2200-2 564 (600-2)

NE-2, 10 SEP 2020 to 05 NOV 2020

WAAS CH 82120 W28A	APP CRS 279°	Rwy ldg 5001 TDZE 1587 Apt Elev 1636

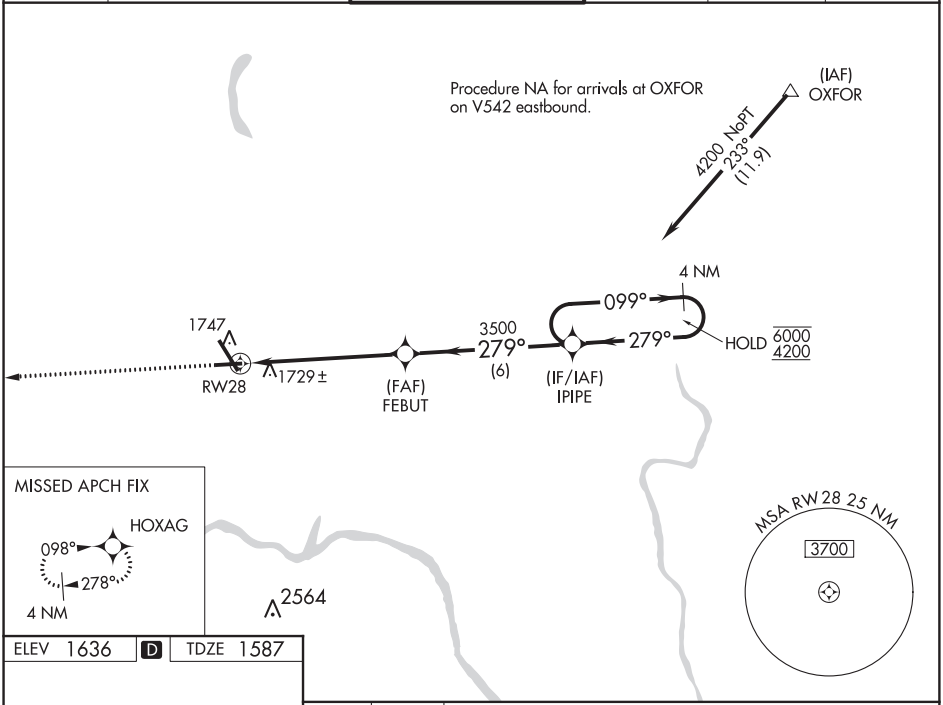
RNAV (GPS) RWY 28
GREATER BINGHAMTON/EDWIN A LINK FIELD (BGM)

RNP APCH.

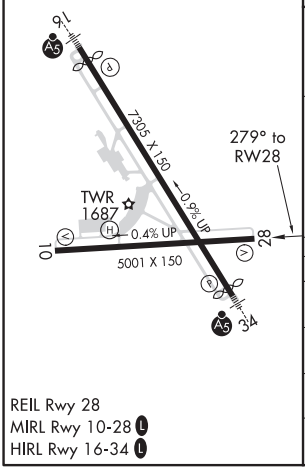
For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -21°C or above 54°C.

MISSED APPROACH: Climb to 3900 direct HOXAG and hold.

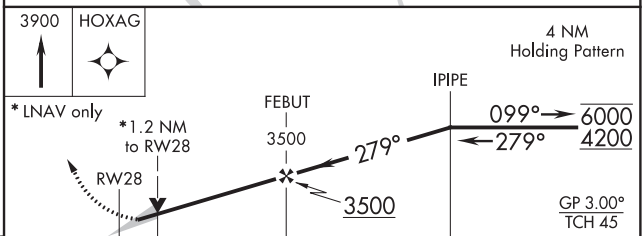
ATIS	BINGHAMTON APP CON *	BINGHAMTON TOWER *	GND CON	CLNC DEL	UNICOM
128.15	118.6 257.625	119.3 (CTAF) L 239.25	121.9	125.05	122.95



ELEV 1636 D TDZE 1587



REIL Rwy 28
MIRL Rwy 10-28 L
HIRL Rwy 16-34 L



CATEGORY	A	B	C	D
LPV DA	1837-¾ 250 (300-¾)			
LNAV/VNAV DA	2091-1⅜ 504 (500-1⅜)			
LNAV MDA	2000-1 413 (400-1)		2000-1⅛ 413 (400-1⅛)	
C CIRCLING	2120-1 484 (500-1)		2120-1½ 484 (500-1½)	2200-2 564 (600-2)

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

WAAS CH 93915 W34A	APP CRS 340°	Rwy ldg 7100 TDZE 1600 Apt Elev 1636

RNAV (GPS) RWY 34
GREATER BINGHAMTON/EDWIN A LINK FIELD (BGM)

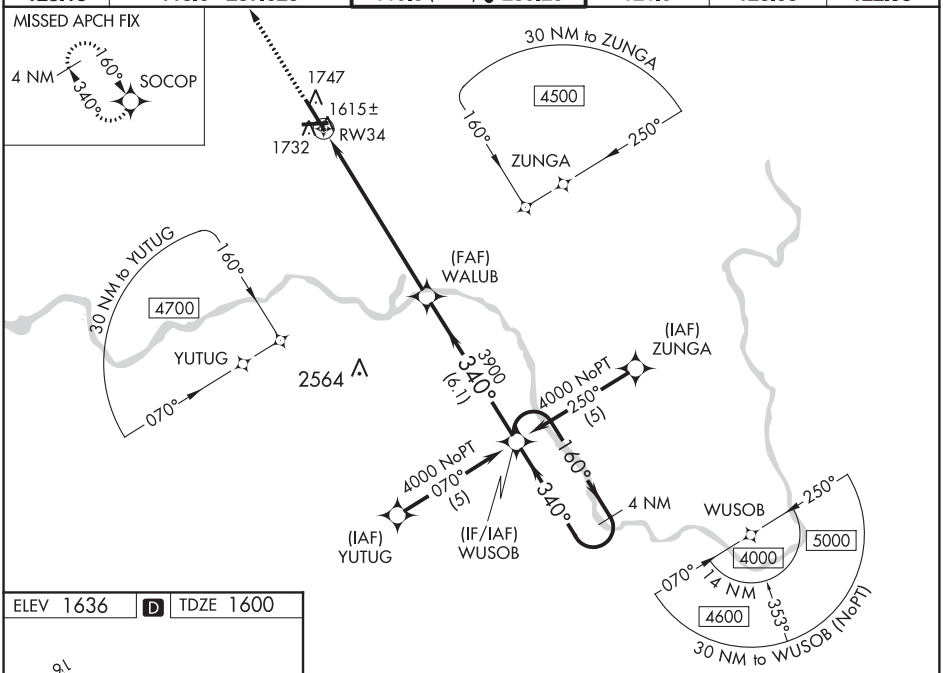
RNP APCH.

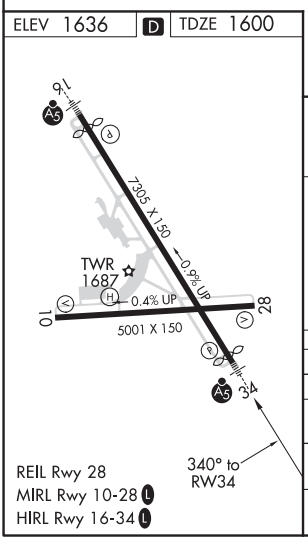
For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -18°C (0°F) or above 46°C (114°F). When local altimeter setting not received, use Ithaca altimeter setting and increase all DA 138 feet and all MDA 140 feet, increase LPV all Cats, LNAV Cats C and D and Circling Cat C and D visibility ¼ SM, and LNAV/VNAV all Cats visibility ½ SM. For inoperative MALSR when using Ithaca altimeter setting increase LPV all Cats visibility to RVR 6000. Baro-VNAV and VDP NA when using Ithaca altimeter setting.

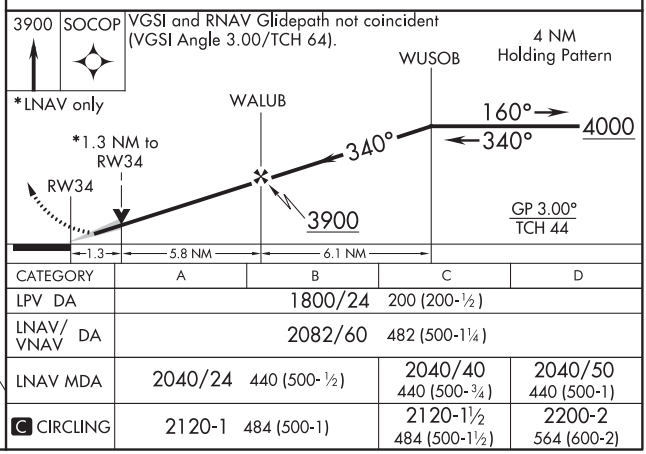
MALSR

MISSED APPROACH: Climb to 3900 direct SOCOP and hold.

ATIS	BINGHAMTON APP CON ★	BINGHAMTON TOWER ★	GND CON	CLNC DEL	UNICOM
128.15	118.6 257.625	119.3 (CTAF) L 239.25	121.9	125.05	122.95

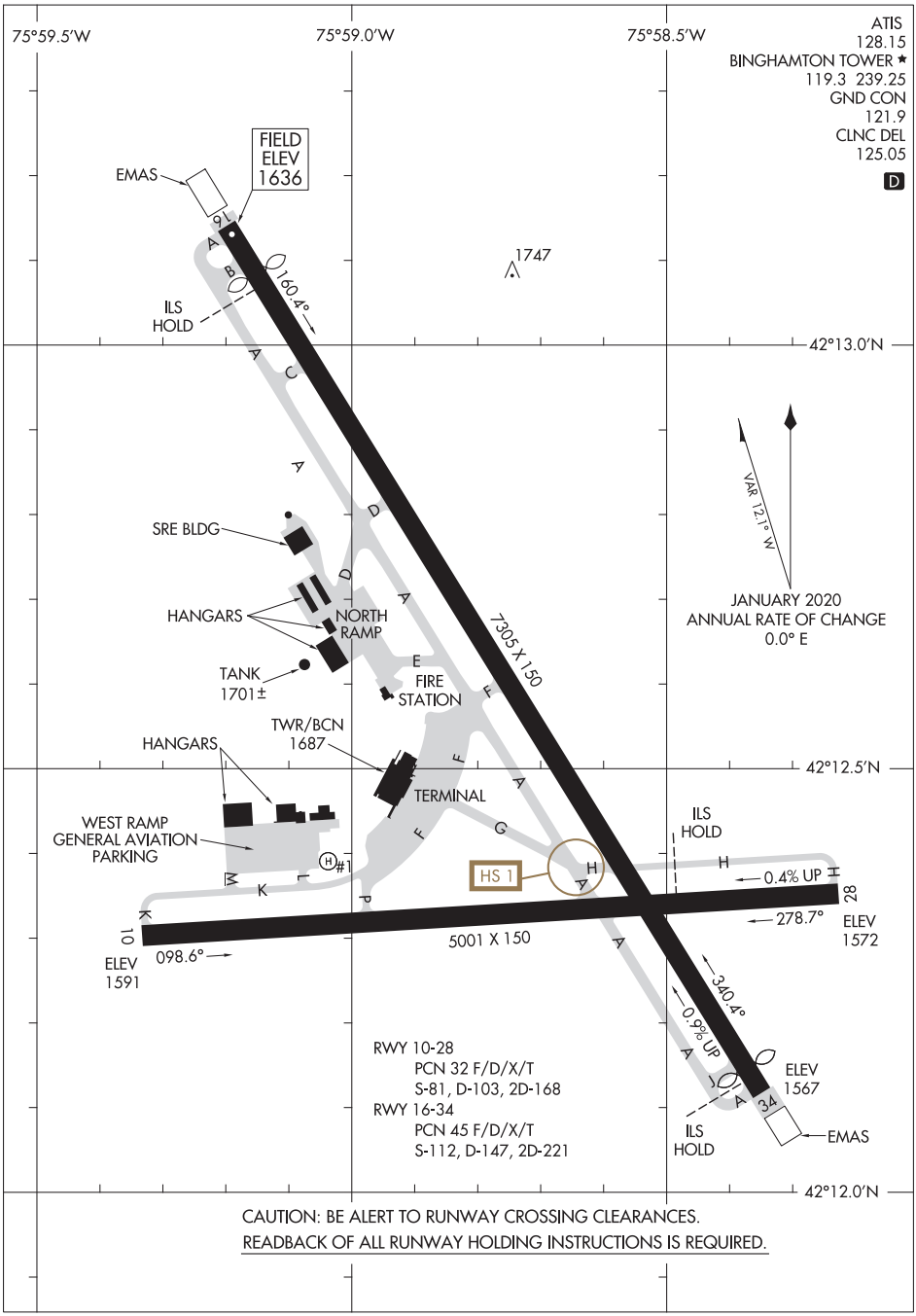






CATEGORY	A	B	C	D
LPV DA	1800/24 200 (200-½)			
LNAV/VNAV DA	2082/60 482 (500-1¼)			
LNAV MDA	2040/24 440 (500-½)		2040/40 440 (500-¾)	2040/50 440 (500-1)
C CIRCLING	2120-1 484 (500-1)		2120-1½ 484 (500-1½)	2200-2 564 (600-2)

NE-2, 10 SEP 2020 to 05 NOV 2020



NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

BLAIRSTOWN, NEW JERSEY AL-6784 (FAA) 20170

RNAV (GPS) RWY 7
BLAIRSTOWN (1N7)

APP CRS	Rwy ldg	2794
074°	TDZE	372
	Apt Elev	372

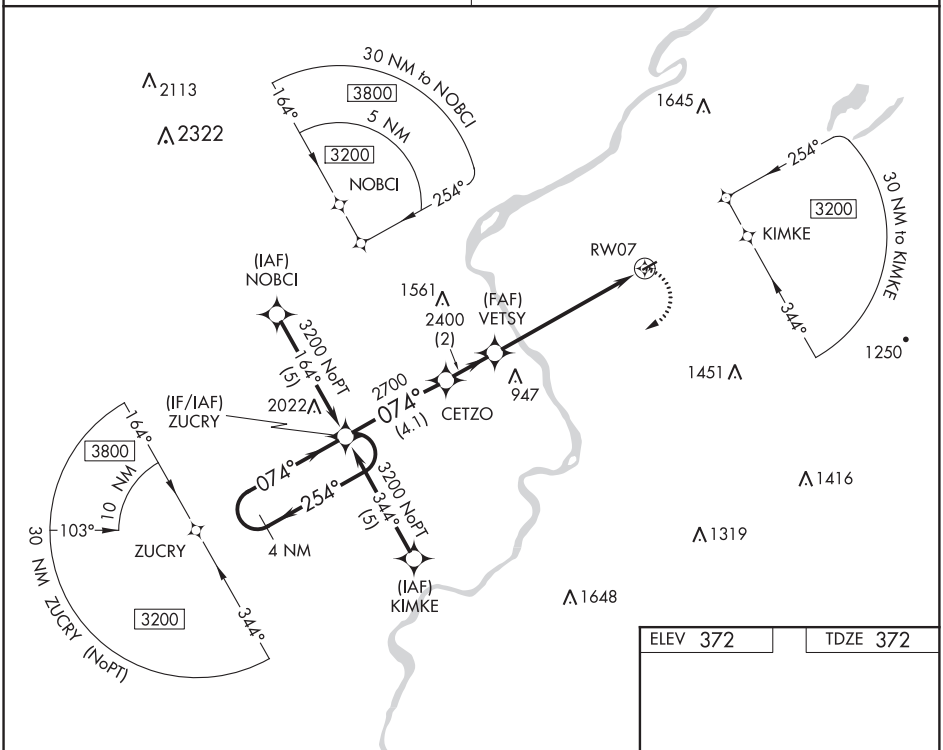
RNP APCH.

NA

When local altimeter setting not received, use Lehigh Valley altimeter setting. Procedure NA at night. Rwy 7 helicopter visibility reduction below 1 SM NA.

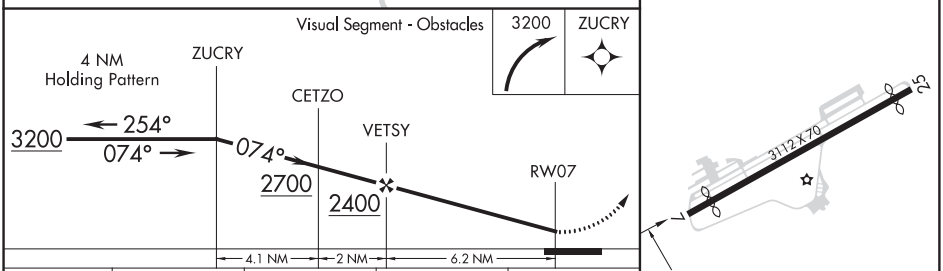
MISSED APPROACH: Climbing right turn to 3200 direct ZUCRY and hold.

NEW YORK APP CON	UNICOM
127.6 379.9	123.0 (CTAF) L



NE-2, 10 SEP 2020 to 05 NOV 2020

ELEV 372	TDZE 372



CATEGORY	A	B	C	D
LNAV MDA	1140-1 768 (800-1)	1140-1¼ 768 (800-1¼)	NA	
LEHIGH VALLEY ALTIMETER SETTING MINIMUMS				
LNAV MDA	1420-1¼ 1048 (1100-1¼)	1420-1½ 1048 (1100-1½)	NA	

MIRL Rwy 7-25 L

RNAV (GPS) RWY 25
BLAIRSTOWN (1N7)

APP CRS	Rwy ldg	2877
254°	TDZE	371
	Apt Elev	372

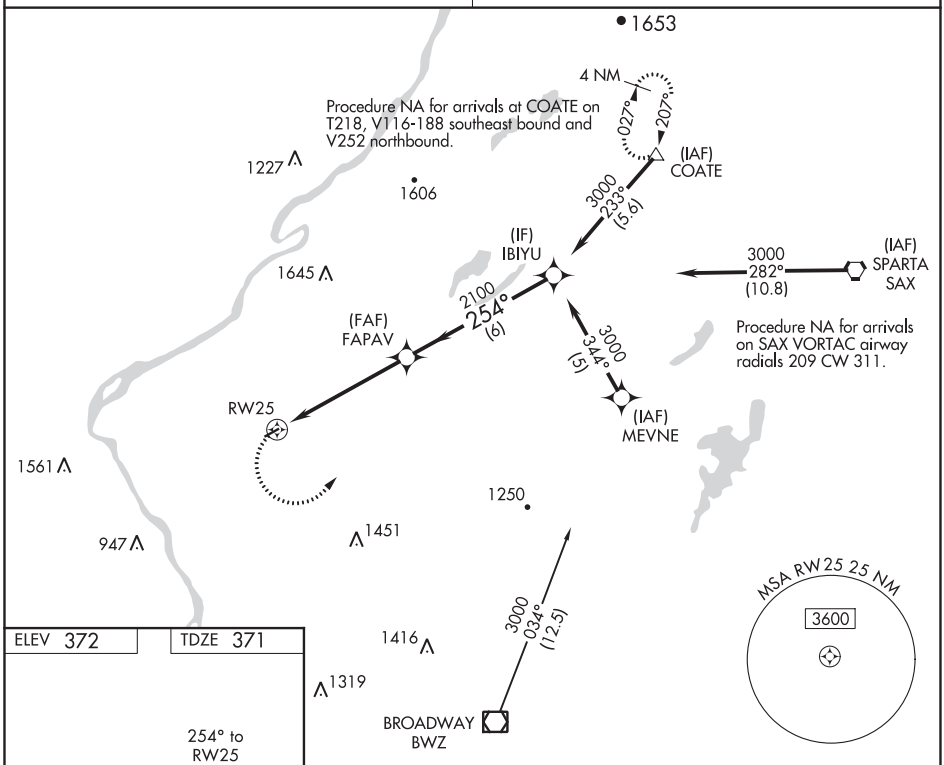
RNP APCH.

T
A NA

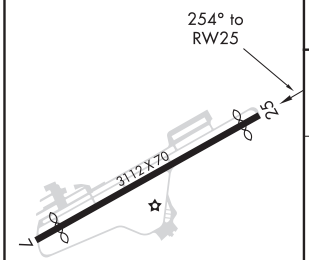
Procedure NA at night. Obtain local altimeter setting on CTAF; when not received, use Lehigh Valley Intl altimeter setting. Rwy 25 helicopter visibility reduction below 1 SM NA.

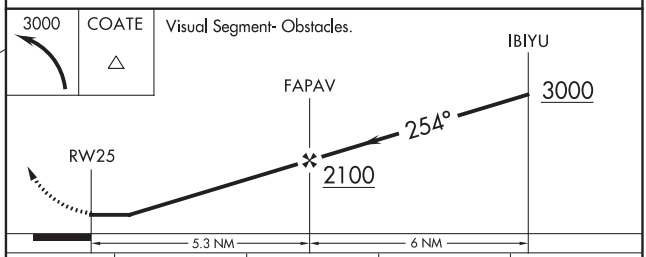
MISSED APPROACH: Climbing left turn to 3000 direct COATE and hold, continue climb-in-hold to 4000.

NEW YORK APP CON	UNICOM
127.6 379.9	123.0 (CTAF) L



ELEV 372	TDZE 371





CATEGORY	A	B	C	D
LNAV MDA	1260-1¼ 889 (900-1¼)		NA	
LEHIGH VALLEY INTL ALTIMETER SETTING MINIMUMS				
LNAV MDA	1540-1¼ 1169 (1200-1¼)	1540-1½ 1169 (1200-1½)	NA	

MIRL Rwy 7-25 L

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

BROCKPORT, NEW YORK AL-6335 (FAA) 19171

RNAV (GPS) RWY 28
LEDGEDALE AIRPARK (7G0)

APP CRS	Rwy ldg	4206
282°	TDZE	665
	Apt Elev	665

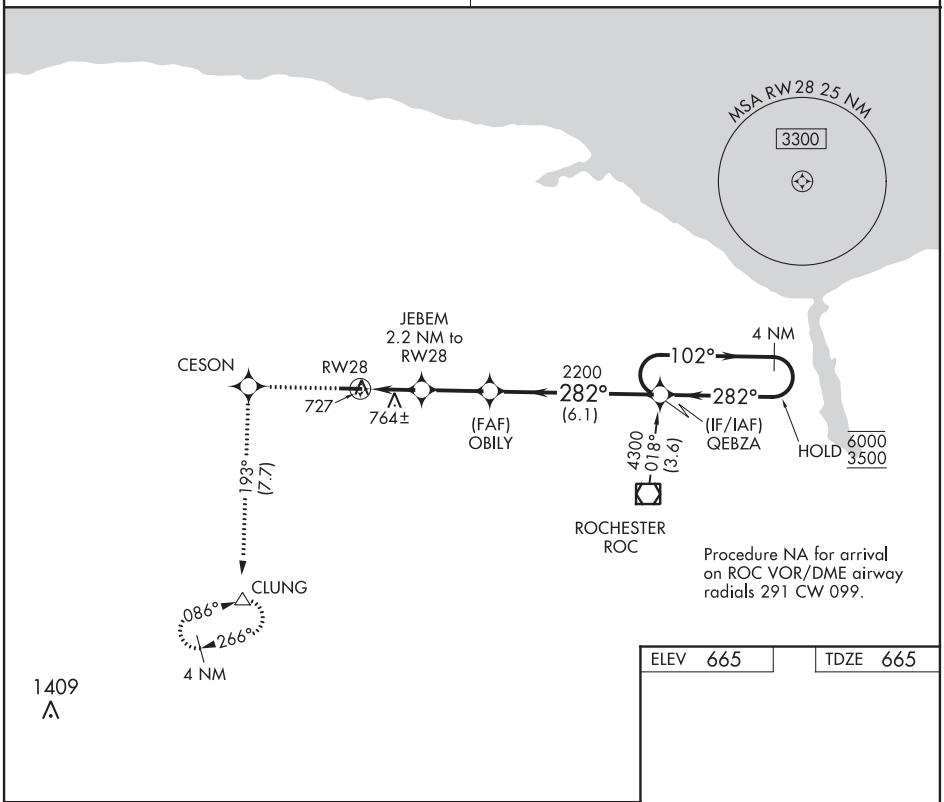
RNP APCH.

Rwy 28 helicopter visibility reduction below 1 SM NA. Procedure NA at night.

MISSED APPROACH: Climb to 3500 direct CESON and on track 193° to CLUNG and hold, continue climb-in-hold to 3500.

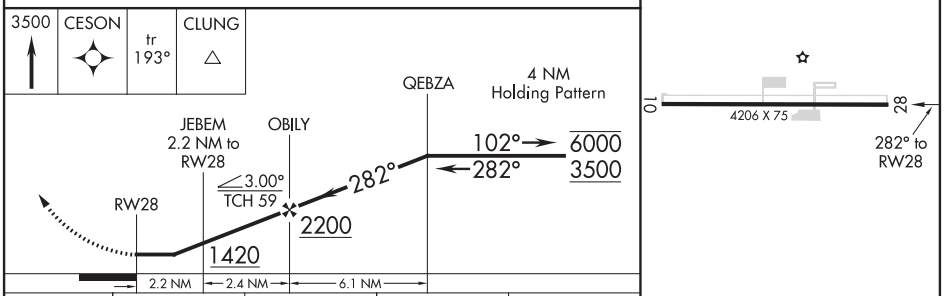
ROCHESTER APP CON
123.7 322.3

UNICOM
122.7 (CTAF)



Procedure NA for arrival on ROC VOR/DME airway radials 291 CW 099.

ELEV 665	TDZE 665



CATEGORY	A	B	C	D
LNAV MDA	1060-1	395 (400-1)	NA	
CIRCLING	1160-1	495 (500-1)	NA	

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

WAAS CH 99724 W06A	APP CRS 059°	Rwy ldg 2598 TDZE 670 Apt Elev 670

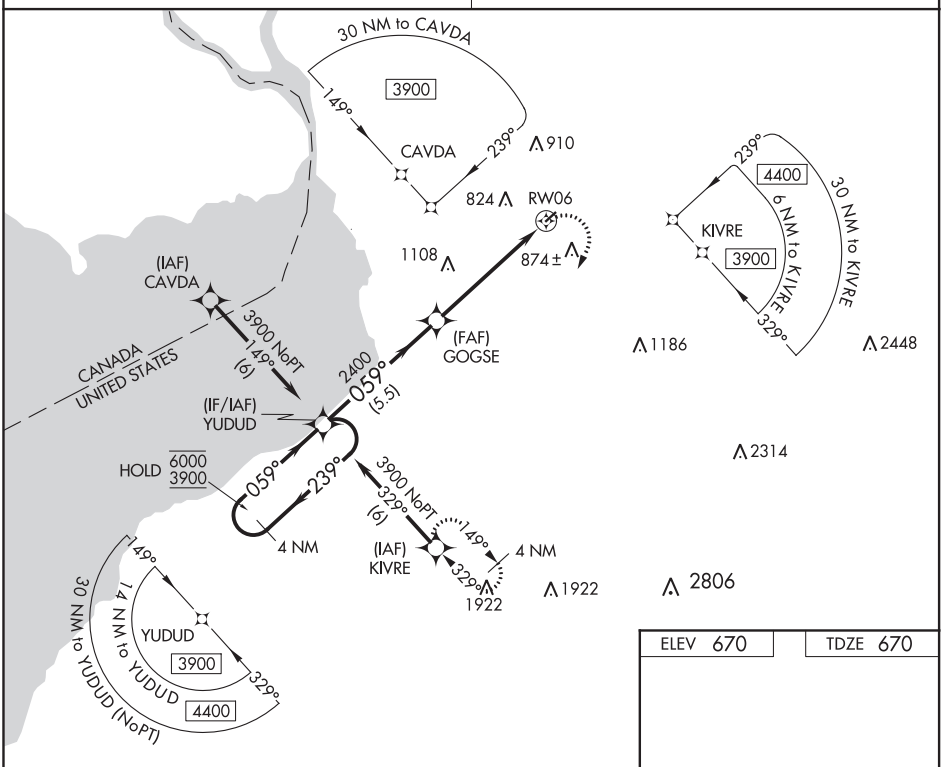
RNAV (GPS) RWY 6
BUFFALO AIRFIELD (9G∅)

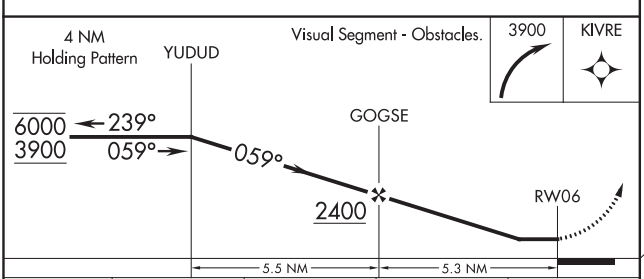
RNP APCH.

NA Procedure NA at night. Rwy 6 helicopter visibility reduction below 1 SM NA. Use Buffalo Niagara Intl altimeter setting.

MISSED APPROACH: Climbing right turn to 3900 direct KIVRE and hold, continue climb in hold to 3900.

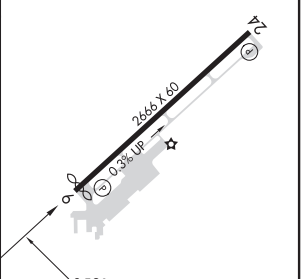
BUFFALO APP CON	UNICOM
126.15 263.125	122.975 (CTAF) L





CATEGORY	A	B	C	D
LP MDA	1180-1	510 (600-1)	NA	
LNAV MDA	1180-1	510 (600-1)	NA	

ELEV 670 TDZE 670



REIL Rwys 6 and 24 L
MIRL Rwy 6-24 L

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

BUFFALO, NEW YORK | AL-5339 (FAA) | 20198

WAAS CH 42724 W24A	APP CRS 239°	Rwy ldg 2666 TDZE 670 Apt Elev 670

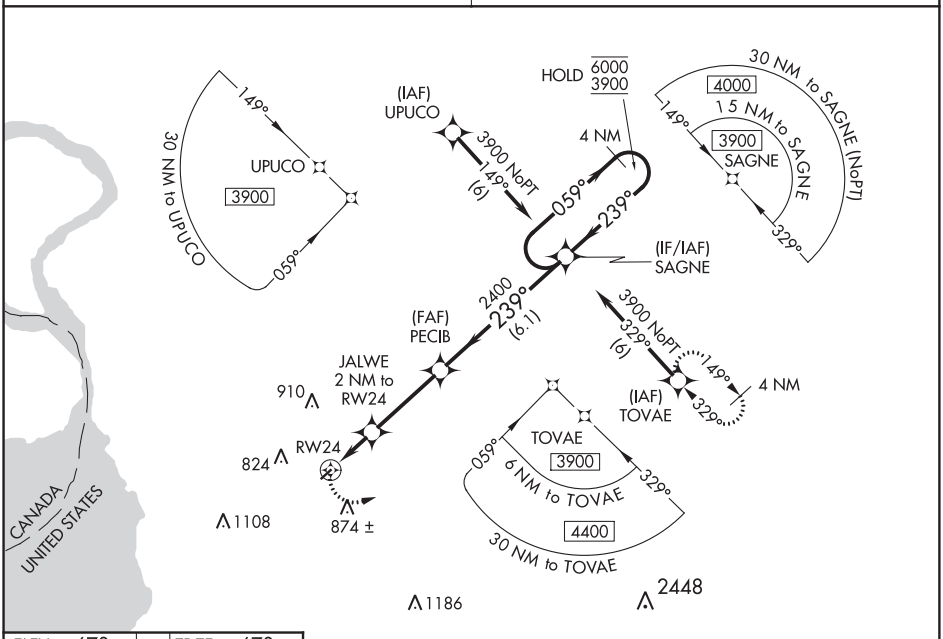
RNAV (GPS) RWY 24
BUFFALO AIRFIELD (9G∅)

RNP APCH.

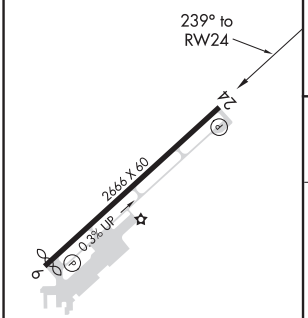
Procedure NA at night. Rwy 24 helicopter visibility reduction below 1 SM NA. Use Buffalo Niagara Intl altimeter setting.

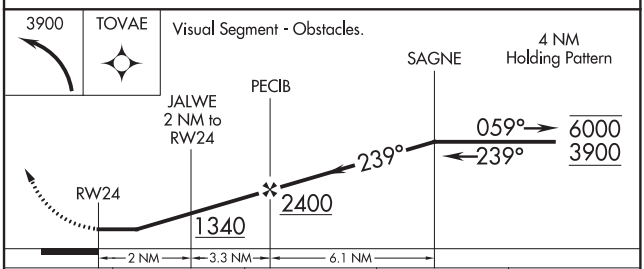
MISSED APPROACH: Climbing left turn to 3900 direct TOVAE and hold.

BUFFALO APP CON	UNICOM
126.15 263.125	122.975 (CTAF) L



ELEV 670	TDZE 670





CATEGORY	A	B	C	D
LP MDA	1160-1 490 (500-1)		NA	
LNAV MDA	1160-1 490 (500-1)		NA	

REIL Rwys 6 and 24 L

MIRL Rwy 6-24 L

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

ILS or LOC RWY 5
BUFFALO NIAGARA INTL (BUF)

LOC I-GBI	APP CRS	Rwy ldg / TDZE / Apt Elev
108.5	055°	7569 / 708 / 727

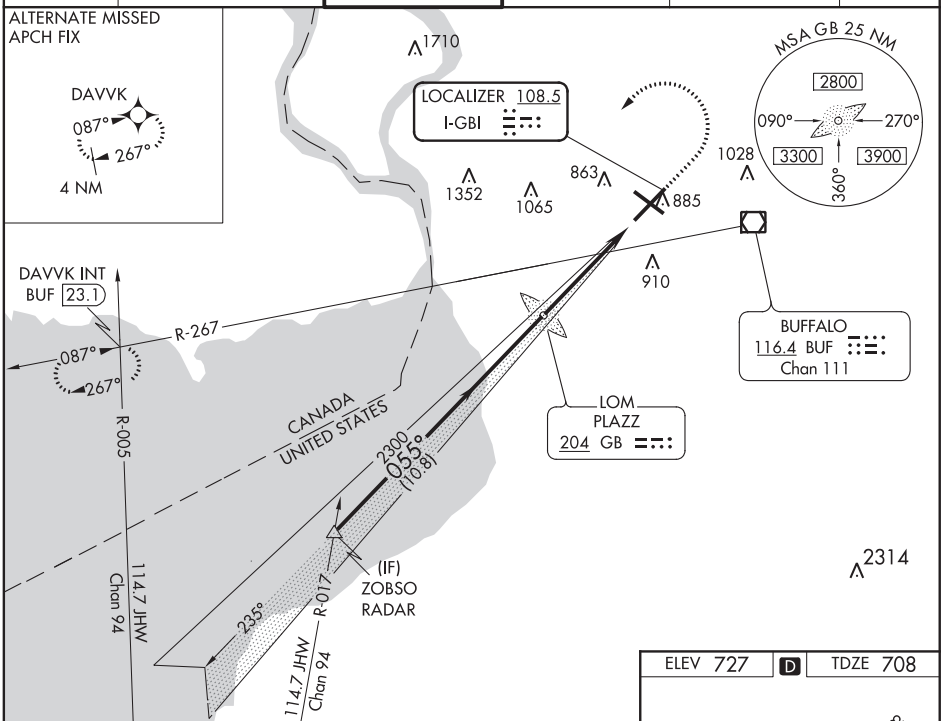
RADAR required for procedure entry. ADF required for LOC only.

Autopilot coupled approach NA.

MALSR

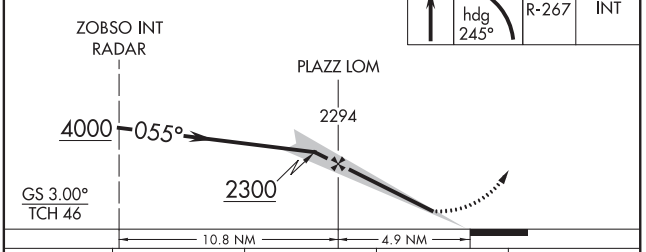
MISSED APPROACH: Climb to 1200 then climbing left turn to 3000 on heading 245° and BUF VOR/DME R-267 to DAVVK INT/BUF 23.1 DME and hold.

D-ATIS	BUFFALO APP CON	BUFFALO TOWER	GND CON	CLNC DEL	CPDLC
135.35	126.15 263.125	120.5 257.8	133.2 257.8	124.7 257.8	

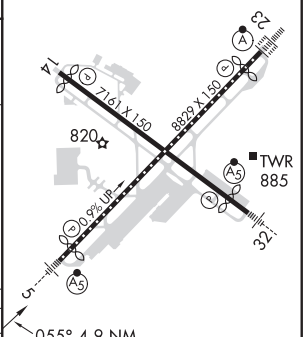


VGSI and ILS glidepath not coincident (VGSI Angle 3.00/TCH 49).

1200	3000 hdg 245°	BUF R-267	DAVVK INT



ELEV 727 | D | TDZE 708



REIL Rwy 14
TDZ/CL Rwys 5 and 23
HIRL Rwys 5-23 and 14-32

CATEGORY	A	B	C	D
S-ILS 5	908/18 200 (200-½)			
S-LOC 5	1100/24 392 (400-½)		1100/40 392 (400-¾)	
C CIRCLING	1200-1 473 (500-1)		1220-1½ 493 (500-1½)	1340-2 613 (700-2)

FAF to MAP 4.9 NM

Knots	60	90	120	150	180
Min:Sec	4:54	3:16	2:27	1:58	1:38

NE-2, 10 SEP 2020 to 05 NOV 2020
NE-2, 10 SEP 2020 to 05 NOV 2020

BUFFALO, NEW YORK

AL-65 (FAA)

20142

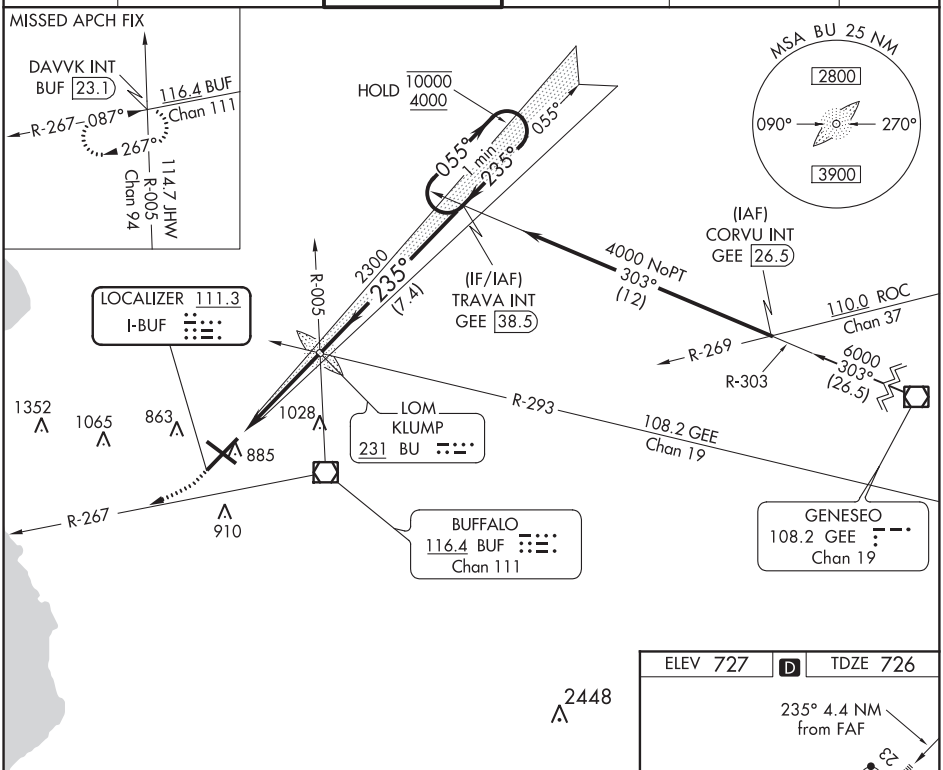
ILS or LOC RWY 23
BUFFALO NIAGARA INTL (BUF)

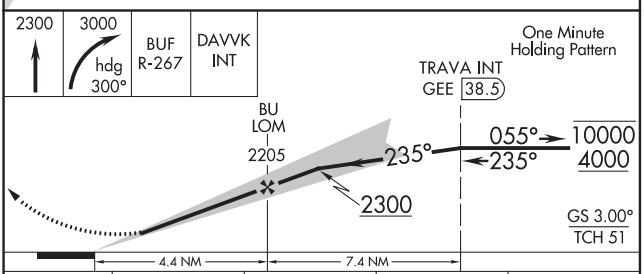
LOC I-BUF	APP CRS	Rwy ldg / TDZE / Apt Elev
111.3	235°	7569 / 726 / 727

ALSF-2

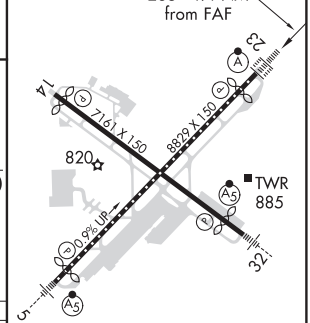
MISSED APPROACH: Climb to 2300 then climbing right turn to 3000 on heading 300° and BUF VOR/DME R-267 to DAVVK INT/BUF 23.1 DME and hold.

D-ATIS	BUFFALO APP CON	BUFFALO TOWER	GND CON	CLNC DEL	CPDLC
135.35	126.15 263.125	120.5 257.8	133.2 257.8	124.7 257.8	





ELEV 727 | D | TDZE 726



REIL Rwy 14
TDZ/CL Rwys 5 and 23
HIRL Rwys 5-23 and 14-32

CATEGORY	A	B	C	D
S-ILS 23	926/18 200 (200-½)			
S-LOC 23	1140/24 414 (500-½)		1140/40 414 (500-¾)	
C CIRCLING	1200-1 473 (500-1)		1220-1½ 493 (500-1½)	1340-2 613 (700-2)

FAF to MAP 4.4 NM

Knots	60	90	120	150	180
Min:Sec	4:24	2:56	2:12	1:46	1:28

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

ILS or LOC RWY 32
BUFFALO NIAGARA INTL (BUF)

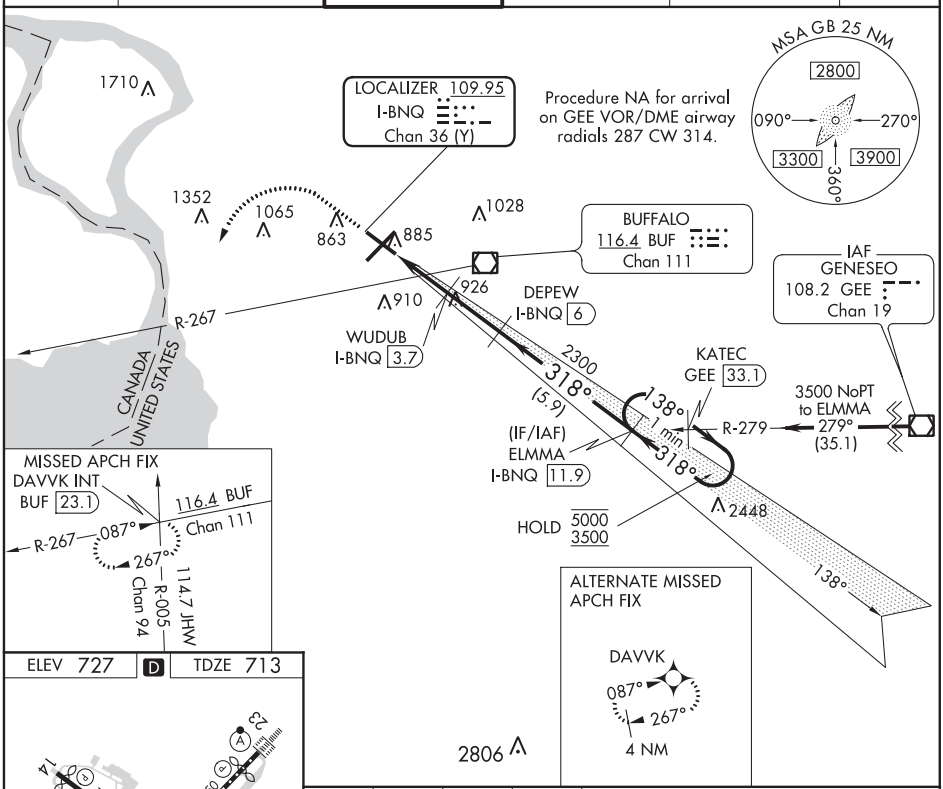
LOC/DME I-BNQ	APP CRS	Rwy ldg	6121
109.95	318°	TDZE	713
Chan 36 (Y)		Apt Elev	727

DME required.

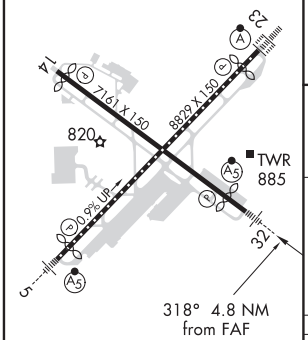
MALSR

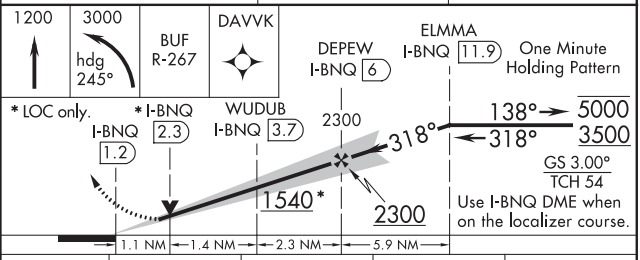
MISSED APPROACH: Climb to 1200 then climbing left turn to 3000 on heading 245° and on BUF VOR/DME R-267 to DAVVK INT/BUF 23.1 DME and hold.

D-ATIS	BUFFALO APP CON	BUFFALO TOWER	GND CON	CLNC DEL	CPDLC
135.35	126.15 263.125	120.5 257.8	133.2 257.8	124.7 257.8	



ELEV 727 D TDZE 713





CATEGORY	A	B	C	D
S-ILS 32	935-½ 222 (300-½)			
S-LOC 32	1120-½ 407 (400-½)		1120-¾ 407 (400-¾)	
C CIRCLING	1200-1 473 (500-1)		1220-1½ 493 (500-1½)	1340-2 613 (700-2)

REIL Rwy 14
TDZ/CL Rwys 5 and 23
HIRL Rwys 5-23 and 14-32

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

BUFFALO, NEW YORK | AL-65 (FAA) | 20142

ILS RWY 23 (SA CAT I)
BUFFALO NIAGARA INTL (BUF)

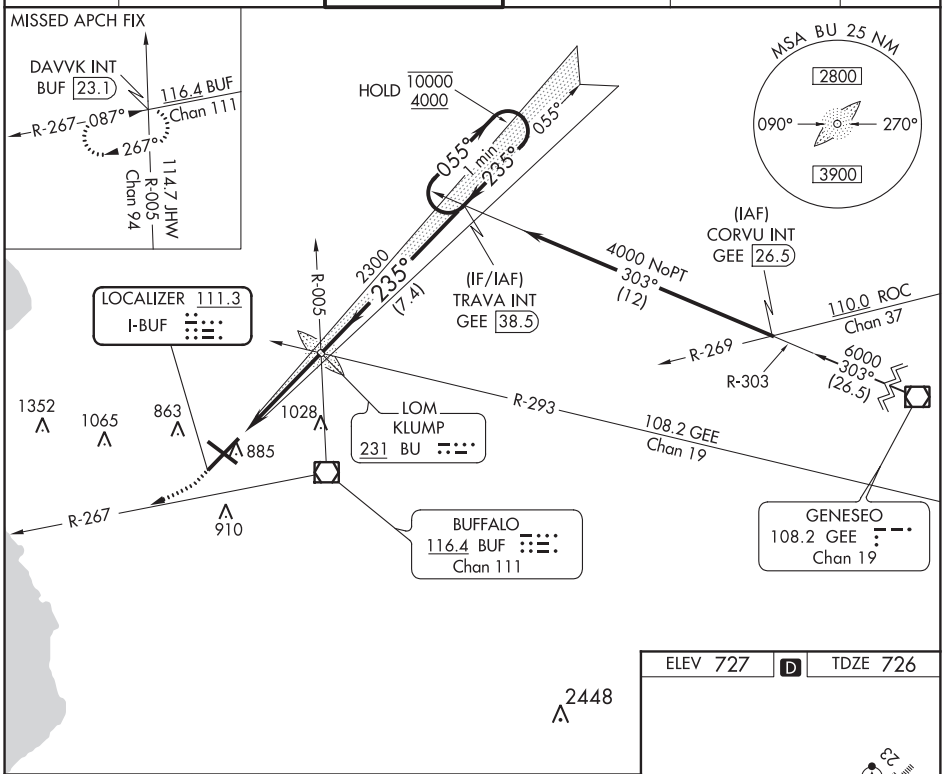
LOC I-BUF	APP CRS	Rwy ldg	7569
111.3	235°	TDZE	726
		Apt Elev	727

Requires specific OPSPEC, MSPEC, or LOA approval and use of HUD to DH.

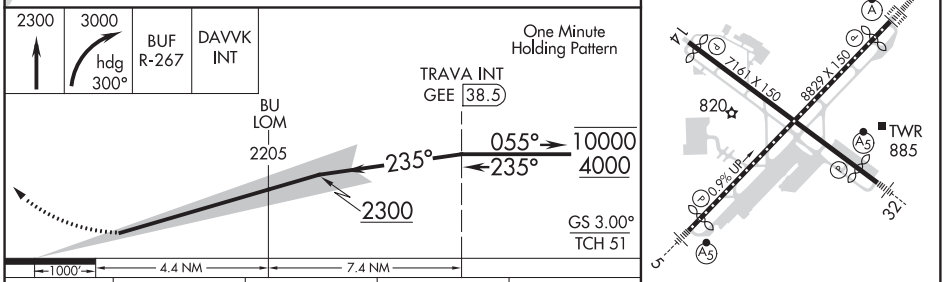
ALSF-2

MISSED APPROACH: Climb to 2300 then climbing right turn to 3000 on heading 300° and BUF VOR/DME R-267 to DAVVK INT/BUF 23.1 DME and hold.

D-ATIS	BUFFALO APP CON	BUFFALO TOWER	GND CON	CLNC DEL	CPDLC
135.35	126.15 263.125	120.5 257.8	133.2 257.8	124.7 257.8	

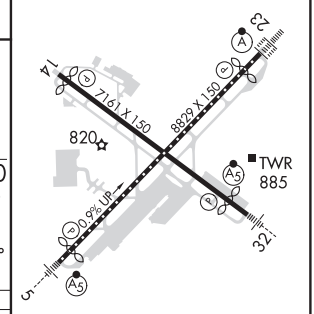


ELEV 727	D	TDZE 726



CATEGORY	A	B	C	D
S-ILS 23	SA CAT I	RA 194/14	154 DA 880	

SA CATEGORY I ILS- SPECIAL AIRCREW & AIRCRAFT CERTIFICATION REQUIRED



REIL Rwy 14
TDZ/CL Rwys 5 and 23
HIRL Rwys 5-23 and 14-32

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

APP CRS	Rwy ldg	7569
055°	TDZE	708
	Apt Elev	727

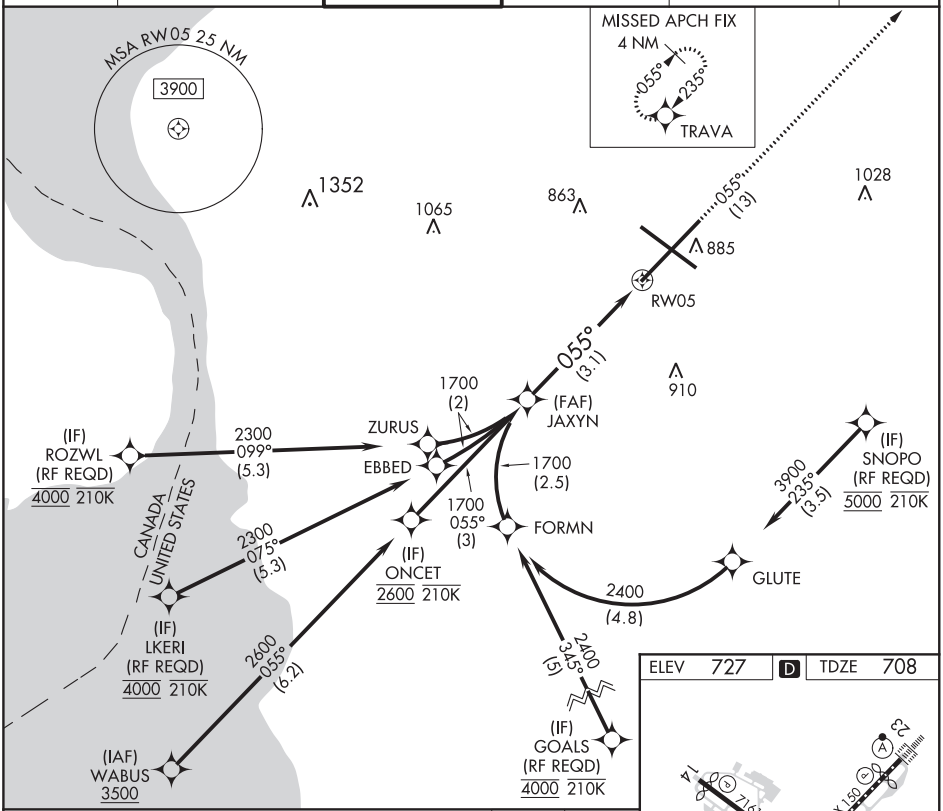
RNAV (RNP) Z RWY 5
BUFFALO NIAGARA INTL (BUF)

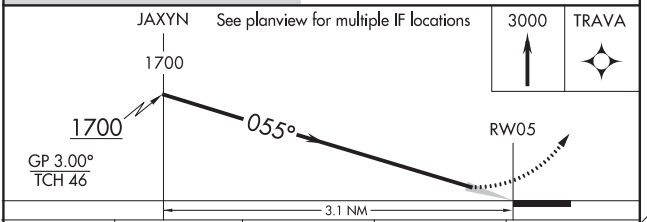
For uncompensated Baro-VNAV systems, procedure below -18°C (0°F) or above 54°C (130°F). GPS required. For inoperative MALSR, increase RNP 0.10 all Cats visibility to 1¼ . For inoperative MALSR, increase RNP 0.30 all Cats visibility to 1⅝.

MALSR

MISSED APPROACH: Climb to 3000 on the RNAV missed approach route to TRAVA and hold.

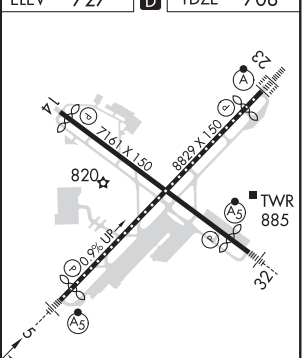
D-ATIS	BUFFALO APP CON	BUFFALO TOWER	GND CON	CLNC DEL	CPDLC
135.35	126.15 263.125	120.5 257.8	133.2 257.8	124.7 257.8	





CATEGORY	A	B	C	D
RNP 0.10 DA	1065/45 357 (400-⅞)			
RNP 0.30 DA	1159/60 451 (500-1¼)			

AUTHORIZATION REQUIRED



REIL Rwy 14
TDZ/CL Rwys 5 and 23
HIRL Rwys 5-23 and 14-32

NE-2, 10 SEP 2020 to 05 NOV 2020
NE-2, 10 SEP 2020 to 05 NOV 2020

BUFFALO, NEW YORK

AL-65 (FAA)

20254

RNAV (RNP) Z RWY 23

BUFFALO NIAGARA INTL (BUF)

APP CRS	Rwy ldg	7569
235°	TDZE	726
	Apt Elev	727

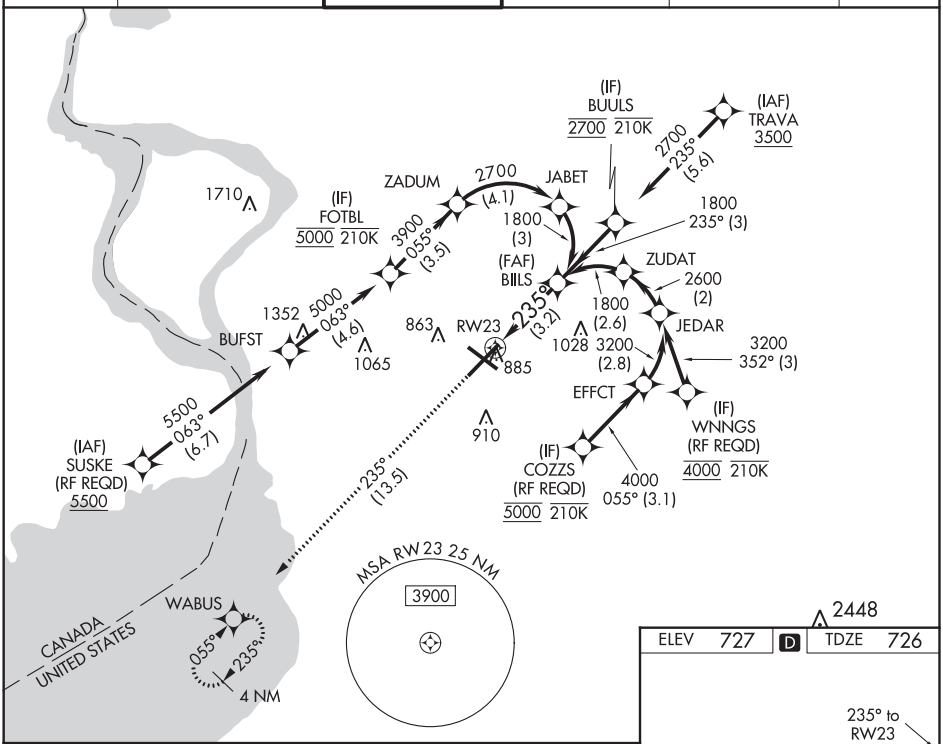
RNP AR APCH.

For uncompensated Baro-VNAV systems, procedure NA below -18°C or above 54°C. For inop ALSF, increase RNP 0.10 all Cats visibility to 1¼. For inop ALSF, increase RNP 0.20 all Cats visibility to 1½. For inop ALSF, increase RNP 0.30 all Cats visibility to 1¾ .

ALSF-2

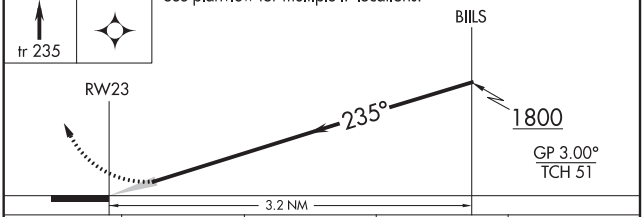
MISSED APPROACH: Climb to 3000 on the RNAV missed approach route to WABUS and hold.

D-ATIS	BUFFALO APP CON	BUFFALO TOWER	GND CON	CLNC DEL	CPDLC
135.35	126.15 263.125	120.5 257.8	133.2 257.8	124.7 257.8	



3000	WABUS
tr 235	

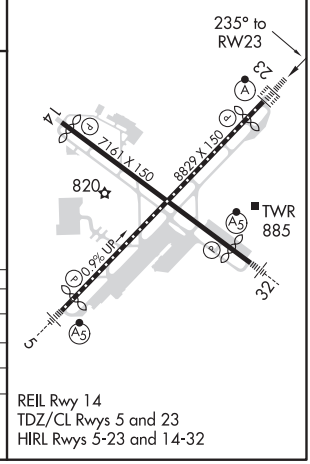
See planview for multiple IF locations.



CATEGORY	A	B	C	D
RNP 0.10 DA	1114/45	388 (400-⅞)		
RNP 0.20 DA	1170/55	444 (500-1)		
RNP 0.30 DA	1228-1¼	502 (600-1¼)		

AUTHORIZATION REQUIRED

ELEV 727 | D | TDZE 726



REIL Rwy 14
TDZ/CL Rwys 5 and 23
HIRL Rwys 5-23 and 14-32

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

RNAV (GPS) RWY 14
BUFFALO NIAGARA INTL (BUF)

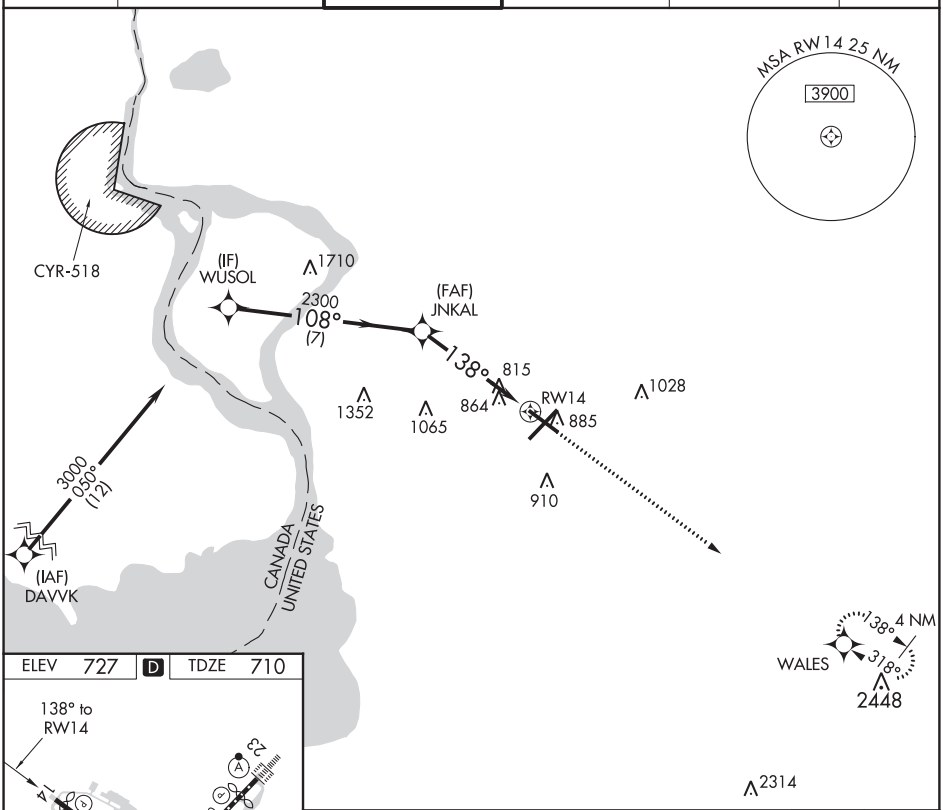
WAAS CH 58129 W14A	APP CRS 138°	Rwy ldg 6121 TDZE 710 Apt Elev 727

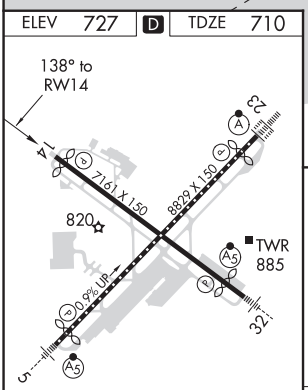
RNP APCH.

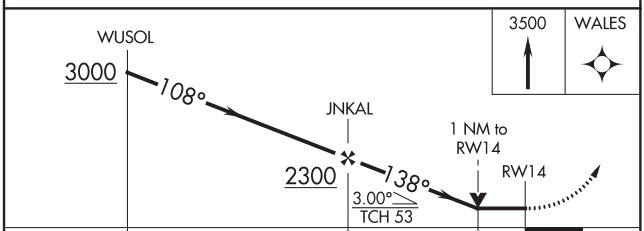
Helicopter visibility reduction below ¾ SM NA.

MISSED APPROACH: Climb to 3500 direct WALES and hold.

D-ATIS	BUFFALO APP CON	BUFFALO TOWER	GND CON	CLNC DEL	CPDLC
135.35	126.15 263.125	120.5 257.8	133.2 257.8	124.7 257.8	







CATEGORY	A	B	C	D
LP MDA	1080-1	370 (400-1)	1080-1⅛	370 (400-1⅛)
LNAV MDA	1120-1	410 (400-1)	1120-1¼	410 (400-1¼)
C CIRCLING	1200-1	473 (500-1)	1220-1½ 493 (500-1½)	1340-2 613 (700-2)

REIL Rwy 14
TDZ/CL Rwys 5 and 23
HIRL Rwys 5-23 and 14-32

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

RNAV (GPS) RWY 32
BUFFALO NIAGARA INTL (BUF)

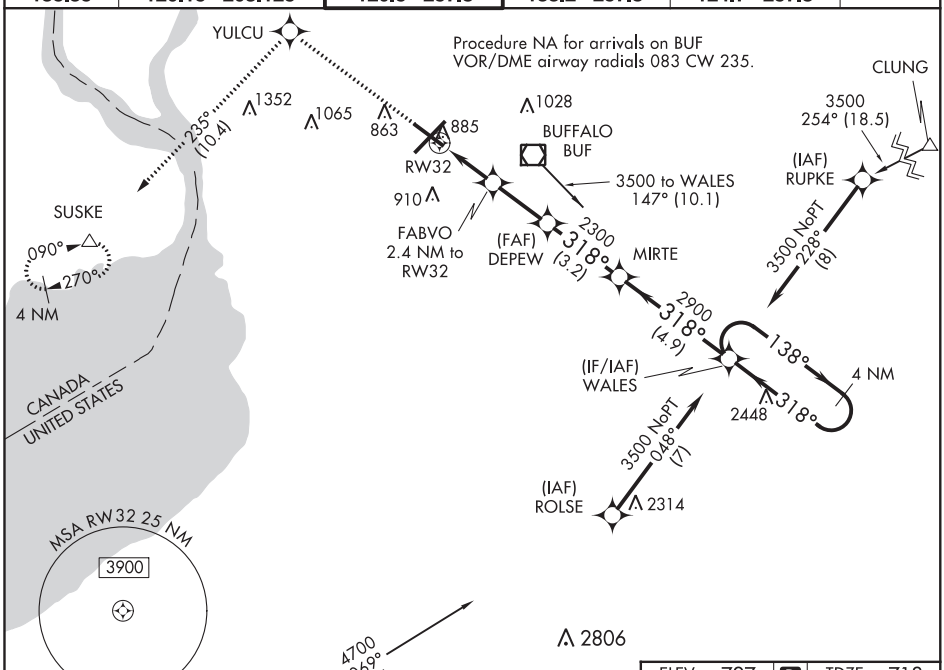
WAAS CH 81811 W32A	APP CRS 318°	Rwy ldg 6121 TDZE 713 Apt Elev 727

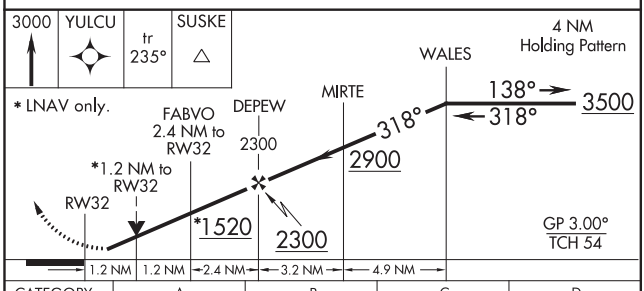
For uncompensated Baro-VNAV systems LNAV/VNAV NA below -17°C (2°F) or above 39°C (102°F). DME/DME RNP-0.3 NA. Visibility reduction by helicopters NA. For inop MALSR, increase LNAV/VNAV, all Cats visibility to 1⅛ mile. Inop table does not apply to LPV all Cats.

MALSR

MISSED APPROACH: Climb to 3000 direct YULCU on track 235° to SUSKE and hold.

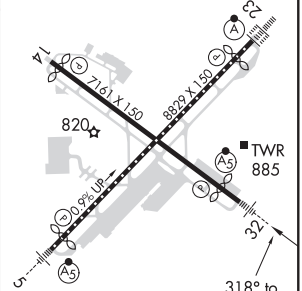
D-ATIS	BUFFALO APP CON	BUFFALO TOWER	GND CON	CLNC DEL	CPDLC
135.35	126.15 263.125	120.5 257.8	133.2 257.8	124.7 257.8	





CATEGORY	A	B	C	D
LPV DA	913-¾ 200 (200-¾)			
LNAV/VNAV DA	1092-¾ 379 (400-¾)			
LNAV MDA	1140-¾ 427 (500-¾)			
C CIRCLING	1200-1 473 (500-1)		1220-1½ 493 (500-1½)	1340-2 613 (700-2)

ELEV 727 D TDZE 713



REIL Rwy 14
TDZ/CL Rwys 5 and 23
HIRL Rwys 5-23 and 14-32

NE-2, 10 SEP 2020 to 05 NOV 2020

RNAV (GPS) Y RWY 5
BUFFALO NIAGARA INTL (BUF)

WAAS CH 70311 W05A	APP CRS 055°	Rwy ldg 7569 TDZE 708 Apt Elev 727

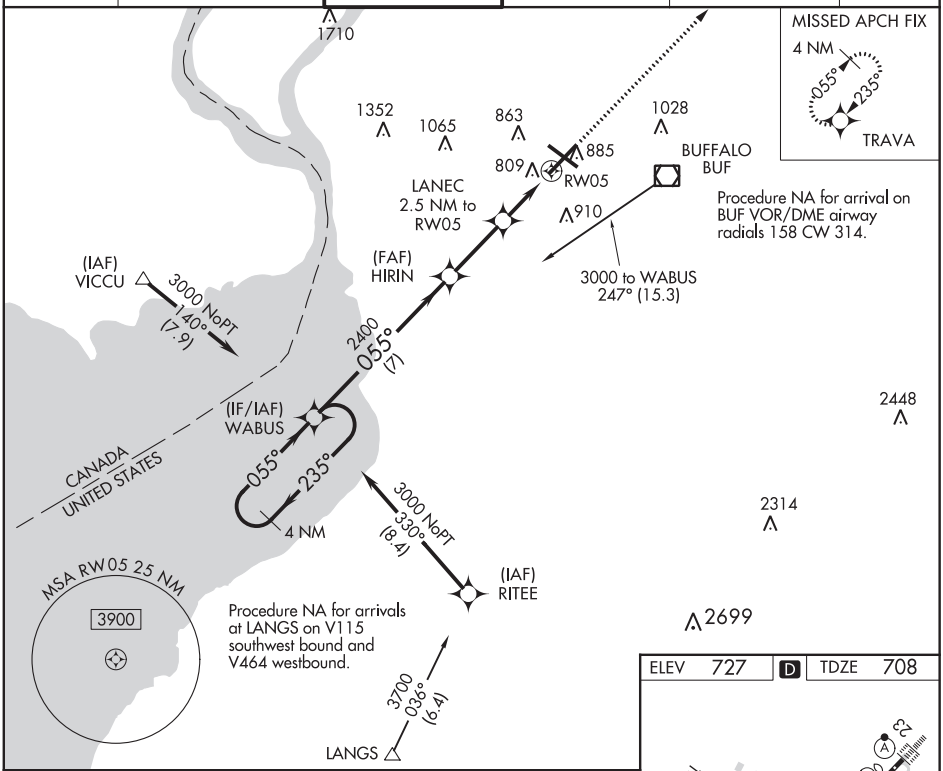
RNP APCH.

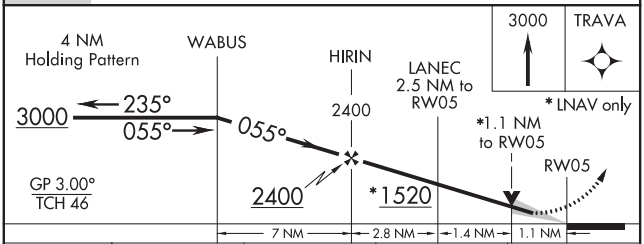
For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -17°C (-2°F) or above 54°C (130°F). DME/DME RNP-0.3 NA.

MALSR

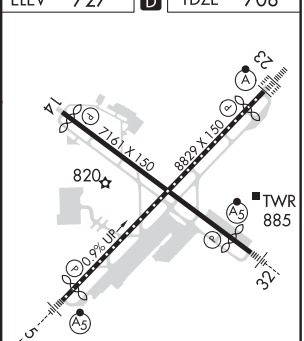
MISSED APPROACH: Climb to 3000 direct TRAVA and hold.

D-ATIS	BUFFALO APP CON	BUFFALO TOWER	GND CON	CLNC DEL	CPDLC
135.35	126.15 263.125	120.5 257.8	133.2 257.8	124.7 257.8	





CATEGORY	A	B	C	D
LPV DA	908/18 200 (200-½)			
LNAV/VNAV DA	997/24 289 (300-½)			
LNAV MDA	1060/24 352 (400-½)		1060/35 352 (400-⅝)	
C CIRCLING	1200-1 473 (500-1)		1220-1½ 493 (500-1½)	1340-2 613 (700-2)



REIL Rwy 14
TDZ/CL Rwys 5 and 23
HIRL Rwys 5-23 and 14-32

NE-2, 10 SEP 2020 to 05 NOV 2020

BUFFALO, NEW YORK

AL-65 (FAA)

20198

RNAV (GPS) Y RWY 23
BUFFALO NIAGARA INTL (BUF)

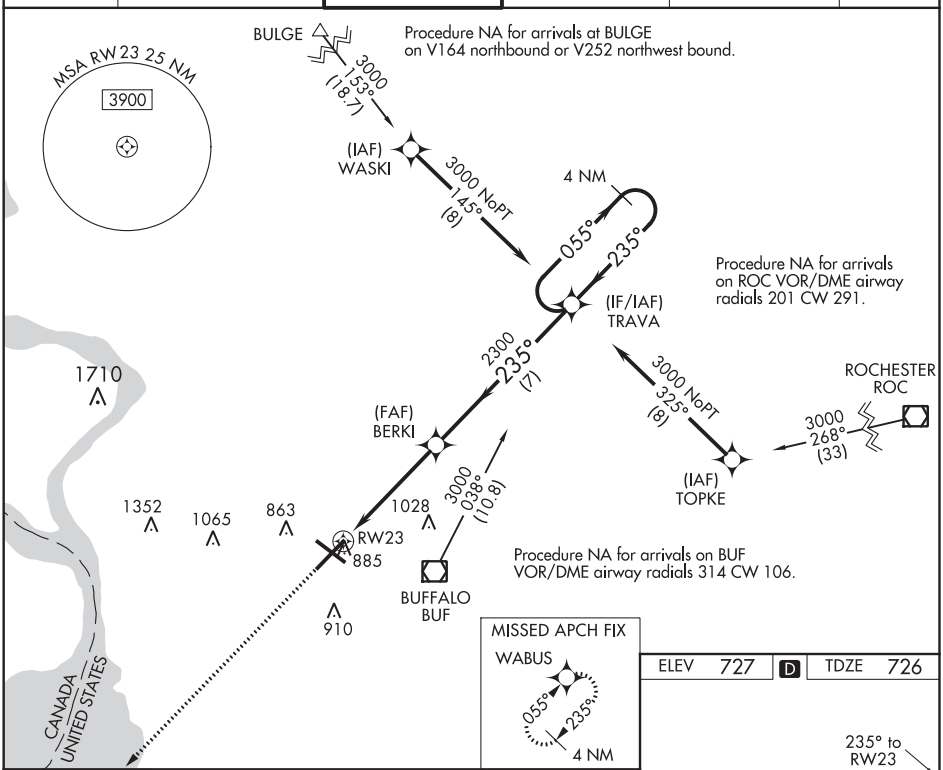
WAAS CH 77511 W23A	APP CRS 235°	Rwy ldg 7569 TDZE 726 Apt Elev 727

For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -17°C (-2°F) or above 54°C (130°F). DME/DME RNP-0.3 NA.

ALSF-2

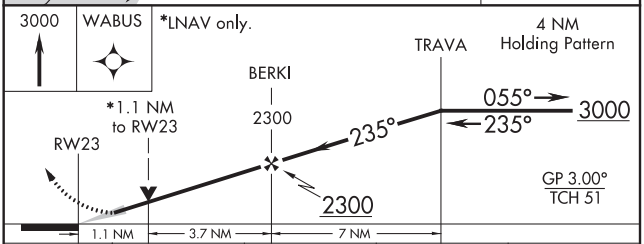
MISSED APPROACH: Climb to 3000 direct WABUS and hold.

D-ATIS	BUFFALO APP CON	BUFFALO TOWER	GND CON	CLNC DEL	CPDLC
135.35	126.15 263.125	120.5 257.8	133.2 257.8	124.7 257.8	



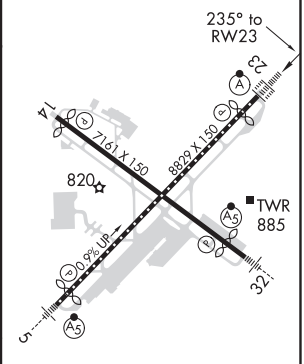
NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020



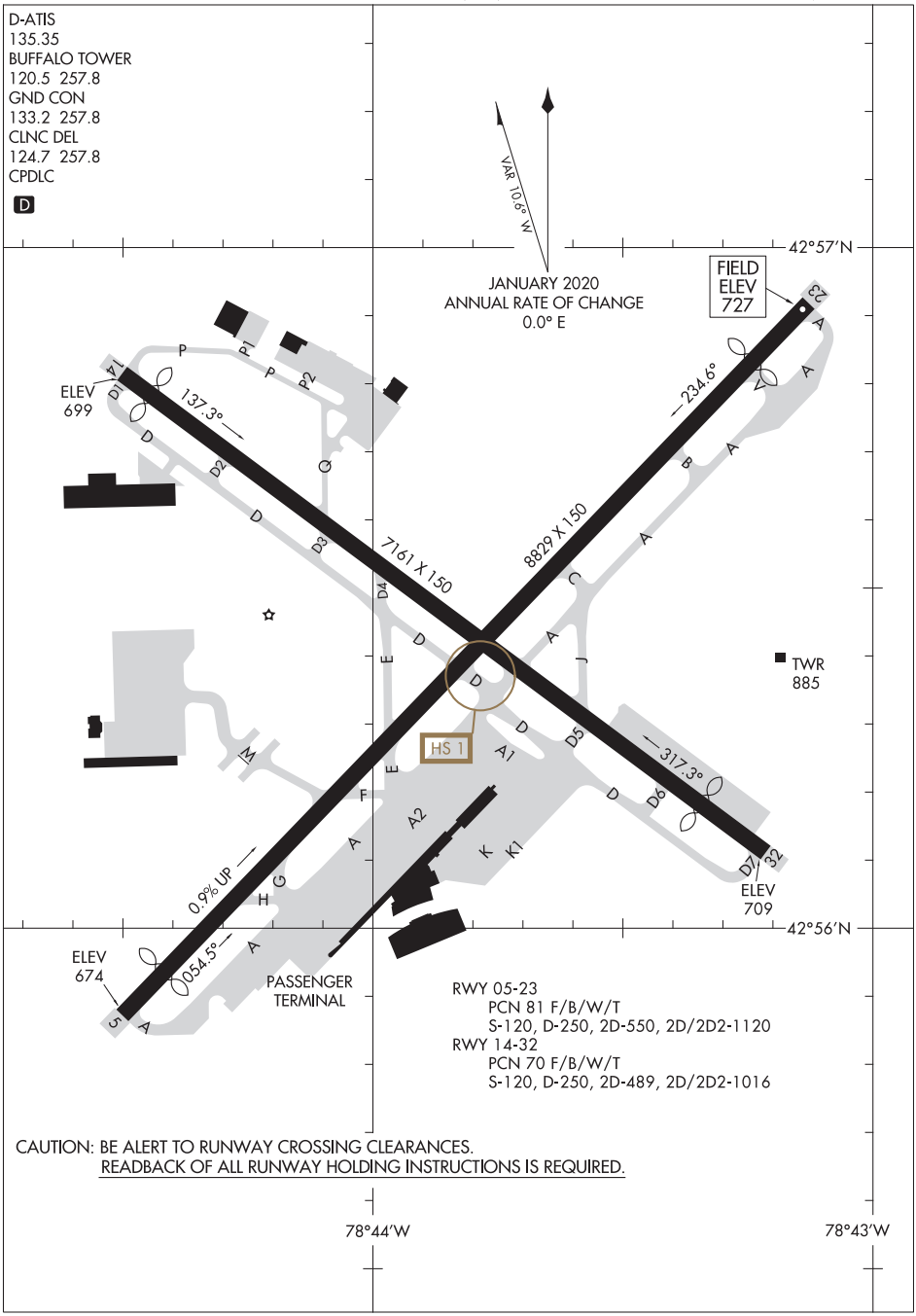
CATEGORY	A	B	C	D
LPV DA	926/18 200 (200-½)			
LNAV/VNAV DA	1050/30 324 (400-⅝)			
LNAV MDA	1140/24 414 (500-½)		1140/40 414 (500-¾)	
CIRCLING	1200-1 473 (500-1)		1200-1½ 473 (500-1½)	1280-2 553 (600-2)

ELEV 727 D TDZE 726



REIL Rwy 14
TDZ/CL Rwys 5 and 23
HIRL Rwys 5-23 and 14-32

D-ATIS
135.35
BUFFALO TOWER
120.5 257.8
GND CON
133.2 257.8
CLNC DEL
124.7 257.8
CPDLC
D



RWY 05-23
PCN 81 F/B/W/T
S-120, D-250, 2D-550, 2D/2D2-1120
RWY 14-32
PCN 70 F/B/W/T
S-120, D-250, 2D-489, 2D/2D2-1016

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

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

(BUF7.BUF) 20086

BUFFALO SEVEN DEPARTURE

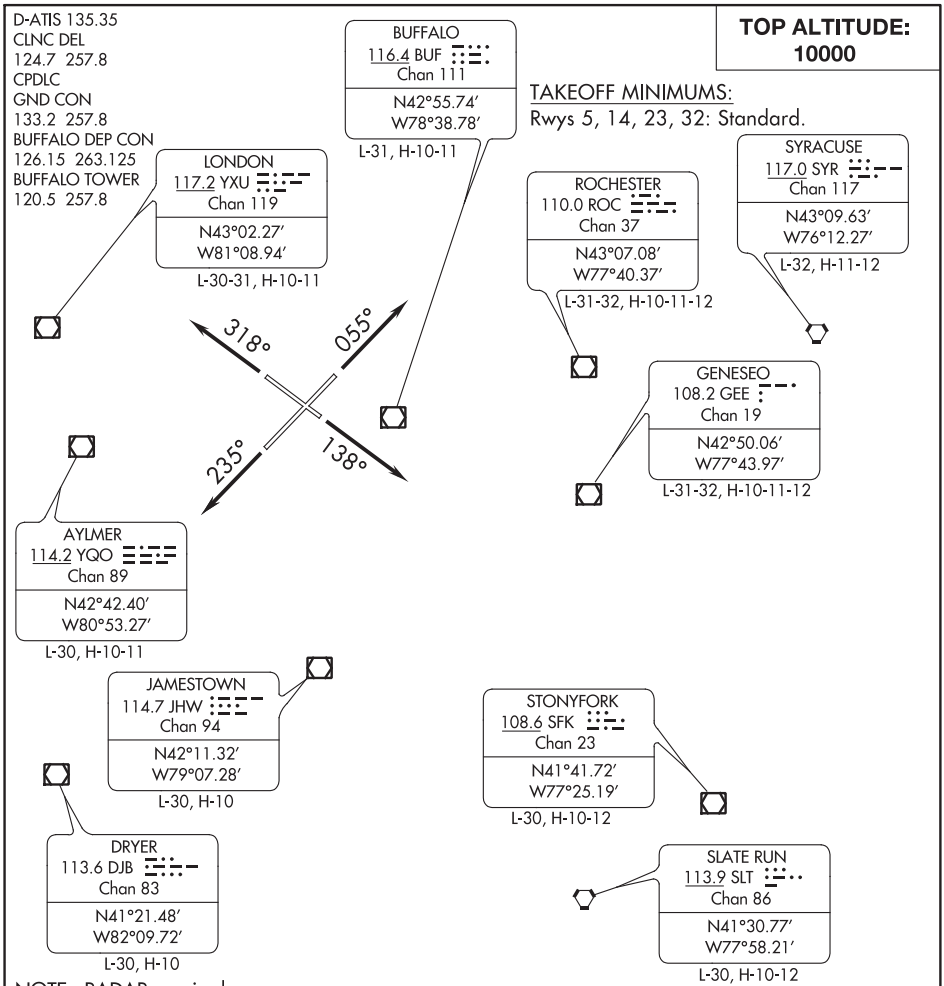
AL-65 (FAA)

BUFFALO NIAGARA INTL (BUF)
BUFFALO, NEW YORK

TOP ALTITUDE: 10000

D-ATIS 135.35
CLNC DEL
124.7 257.8
CPDLC
GND CON
133.2 257.8
BUFFALO DEP CON
126.15 263.125
BUFFALO TOWER
120.5 257.8

TAKEOFF MINIMUMS:
Rwys 5, 14, 23, 32: Standard.



NOTE: RADAR required.

NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 5: Climb heading 055° until leaving 3000. Thence. . . .
TAKEOFF RUNWAY 14: Climb heading 138° until leaving 3000. Thence. . . .
TAKEOFF RUNWAY 23: Climb heading 235° until leaving 3000. Thence. . . .
TAKEOFF RUNWAY 32: Climb heading 318° until leaving 3000. Thence. . . .

NON-TURBOJET AIRCRAFT ONLY: Climb on assigned heading, thence. . . .

. . . .vectors to assigned route/fix. Maintain 10000 or assigned lower altitude.
Expect clearance to filed altitude/flight level ten (10) minutes after departure.

NE-2, 10 SEP 2020 to 05 NOV 2020

WAAS CH 42622 W04A	APP CRS 043°	Rwy ldg 4177 TDZE 172 Apt Elev 172

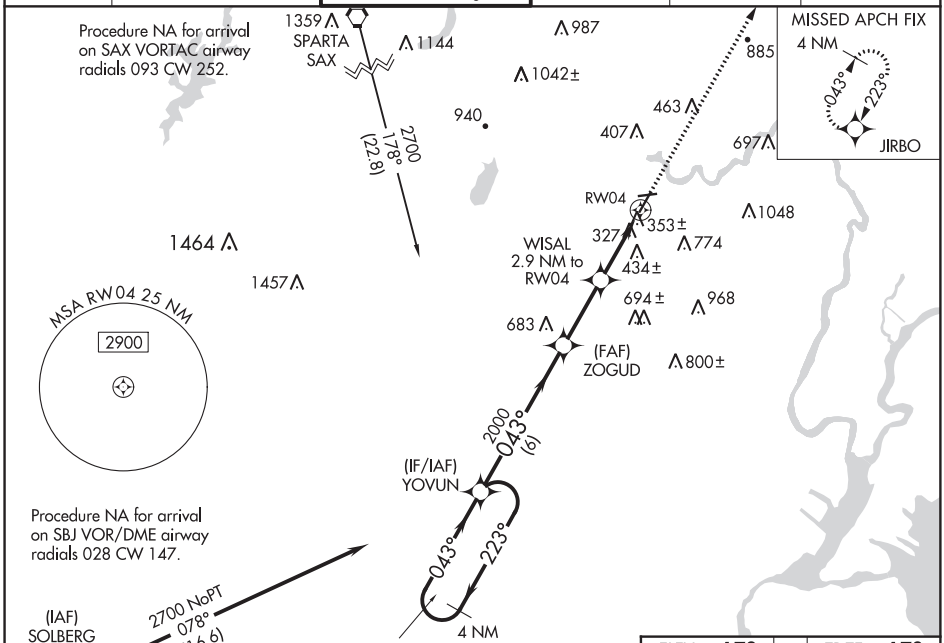
RNAV (GPS) RWY 4
ESSEX COUNTY (CDW)

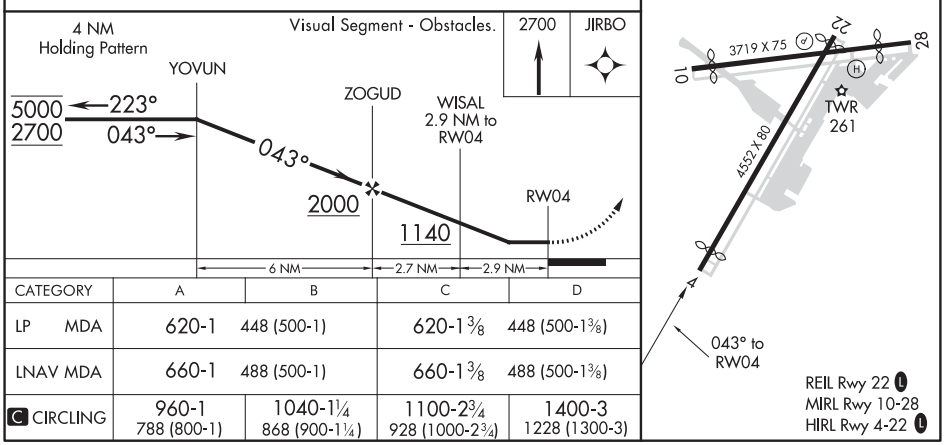
RNP APCH.

Procedure NA at night.
Rwy 4 helicopter visibility reduction below 1 SM NA.

MISSED APPROACH:
Climb to 2700 direct JIRBO and hold.

ATIS	NEW YORK APP CON	CALDWELL TOWER ★	GND CON	CLNC DEL	UNICOM
135.5	127.6 379.9	119.8 (CTAF) L	121.9	121.1	122.95





CATEGORY	A	B	C	D
LP MDA	620-1 448 (500-1)		620-1⅜ 448 (500-1⅜)	
LNAV MDA	660-1 488 (500-1)		660-1⅜ 488 (500-1⅜)	
C CIRCLING	960-1 788 (800-1)	1040-1¼ 868 (900-1¼)	1100-2¾ 928 (1000-2¾)	1400-3 1228 (1300-3)

NE-2, 10 SEP 2020 to 05 NOV 2020
NE-2, 10 SEP 2020 to 05 NOV 2020

CALDWELL, NEW JERSEY | AL-5275 (FAA) | 20198

RNAV (GPS) RWY 10
ESSEX COUNTY (CDW)

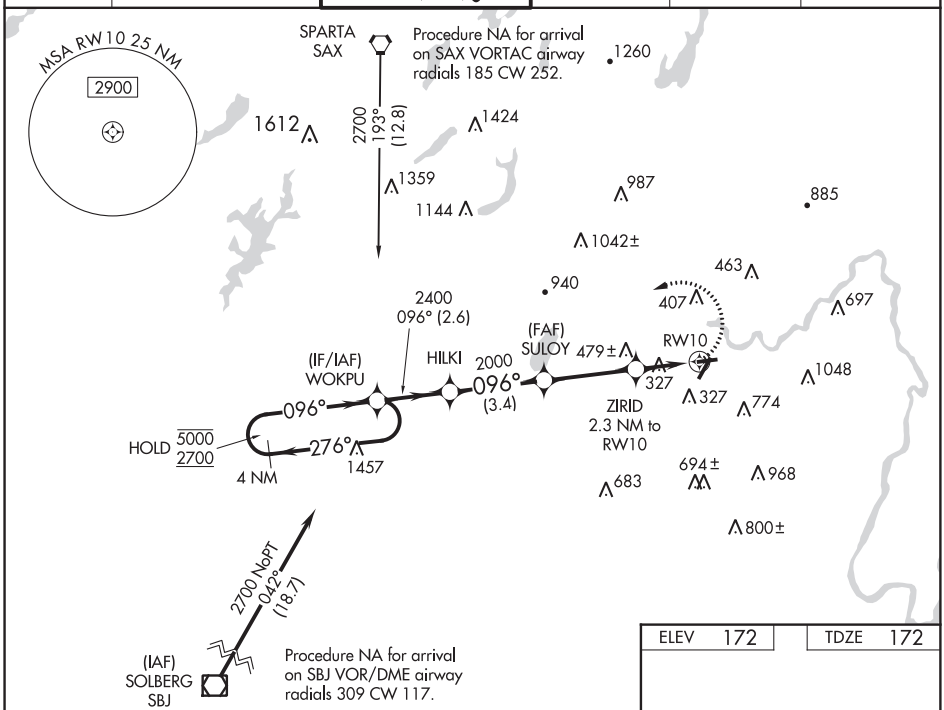
WAAS CH 81922 W10A	APP CRS 096°	Rwy ldg 3375 TDZE 172 Apt Elev 172

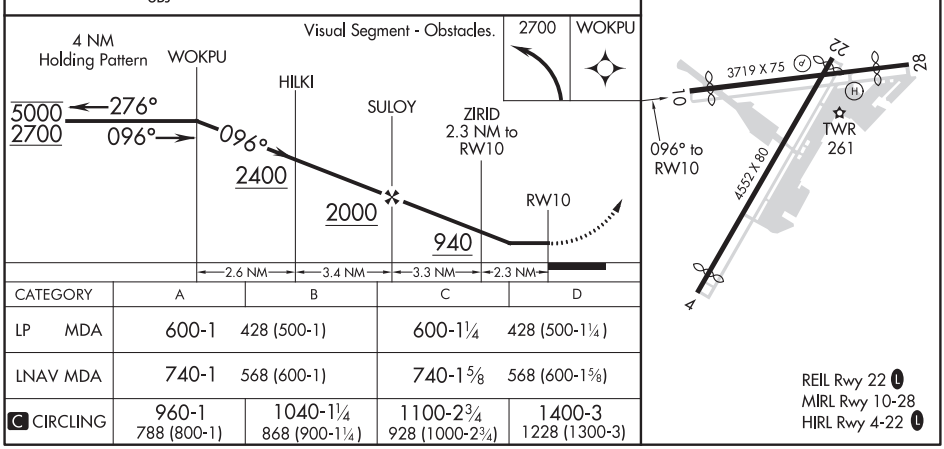
RNP APCH.

Procedure NA at night.
Rwy 10 helicopter visibility reduction below 1 SM NA.

MISSED APPROACH: Climbing left turn to 2700 direct WOKPU and hold.

ATIS	NEW YORK APP CON	CALDWELL TOWER ★	GND CON	CLNC DEL	UNICOM
135.5	127.6 379.9	119.8 (CTAF) L	121.9	121.1	122.95





CATEGORY	A	B	C	D
LP MDA	600-1 428 (500-1)		600-1¼ 428 (500-1¼)	
LNAV MDA	740-1 568 (600-1)		740-1⅝ 568 (600-1⅝)	
C CIRCLING	960-1 788 (800-1)	1040-1¼ 868 (900-1¼)	1100-2¾ 928 (1000-2¾)	1400-3 1228 (1300-3)

REIL Rwy 22 L
MIRL Rwy 10-28
HIRL Rwy 4-22 L

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

WAAS CH 58022 W22A	APP CRS 223°	Rwy ldg 4418 TDZE 172 Apt Elev 172

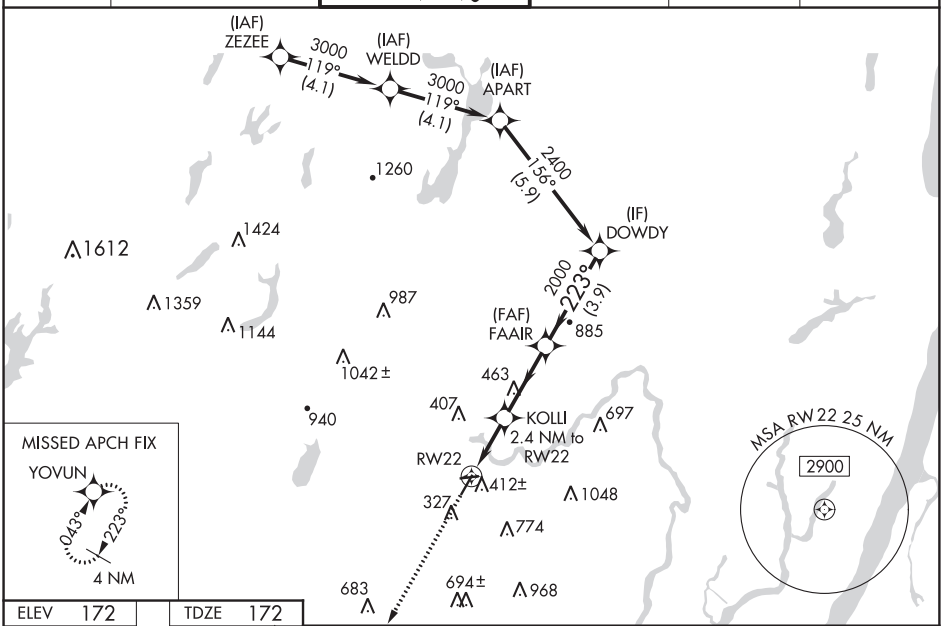
RNAV (GPS) RWY 22
ESSEX COUNTY (CDW)

RNP APCH.

Rwy 22 helicopter visibility reduction below 1 SM NA. Baro-VNAV NA when using Newark altimeter setting. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -15°C or above 54°C. When local altimeter setting not received, use Newark altimeter setting and increase all DA 50 feet and all MDA 60 feet; increase LNAV/VNAV all Cats and LNAV Cat C and Circling Cats A and C visibility ¼ SM. Circling Rwy 4, 10, 28 NA at night.

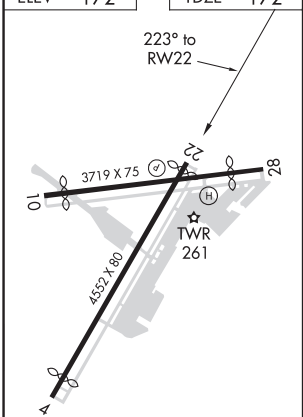
MISSED APPROACH: Climb to 2000 direct YOVUN and hold.

ATIS	NEW YORK APP CON	CALDWELL TOWER *	GND CON	CLNC DEL	UNICOM
135.5	127.6 379.9	119.8 (CTAF) L	121.9	121.1	122.95

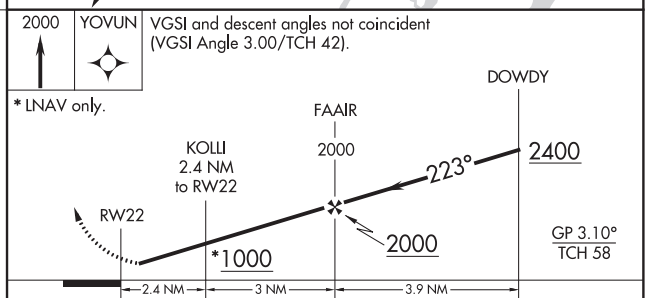


NE-2, 10 SEP 2020 to 05 NOV 2020

ELEV 172	TDZE 172



REIL Rwy 22 L
MIRL Rwy 10-28
HIRL Rwy 4-22 L



CATEGORY	A	B	C	D
LPV DA	459-1 287 (300-1)			NA
LNAV/VNAV DA	610-1⅜ 438 (500-1⅜)			NA
LNAV MDA	680-1 508 (600-1)		680-1⅜ 508 (600-1⅜)	NA
C CIRCLING	960-1 788 (800-1)	1040-2 868 (900-2)	1100-2¾ 928 (1000-2¾)	NA

CALDWELL, NEW JERSEY AL-5275 (FAA) 20254

LOC I-CDW	APP CRS	Rwy ldg	4418
109.35	223°	TDZE	172
		Apt Elev	172

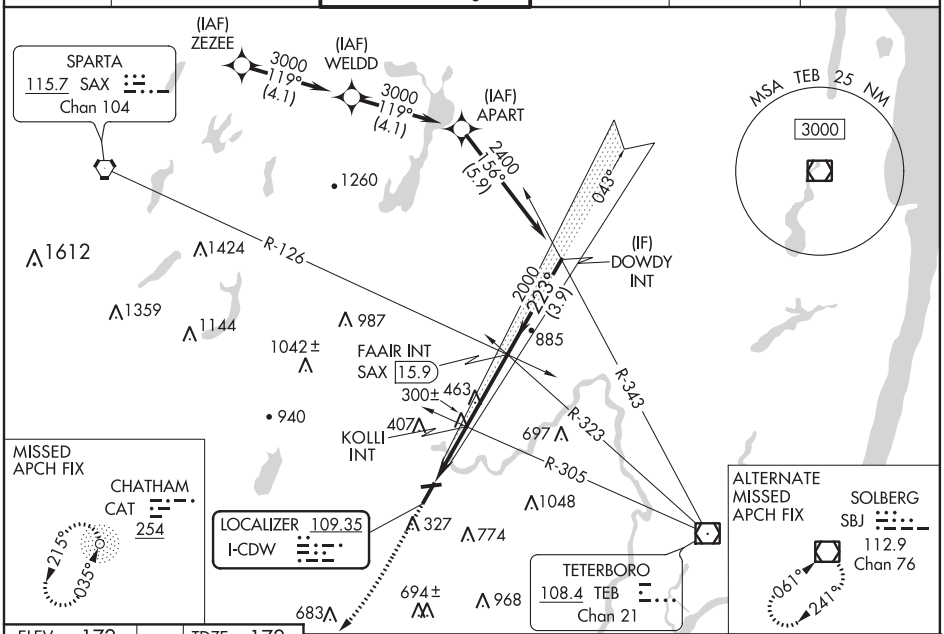
LOC RWY 22
ESSEX COUNTY (CDW)

From ZEZEE: RNAV 1-GPS required. RNAV 1-GPS or RADAR required for procedure entry.

T A NA Circling to Rwy 4, 10, 28 NA at night. Rwy 22 helicopter visibility reduction below 1 SM NA. When local altimeter setting not received, use Newark altimeter setting and increase all MDA 60 feet and S-22 Cat A and Circling Cat C visibility ¼ SM. KOLLI INT minimums: increase all MDA 60 feet and increase S-22 Cats C/D and Circling Cats A and C visibility ¼ SM.

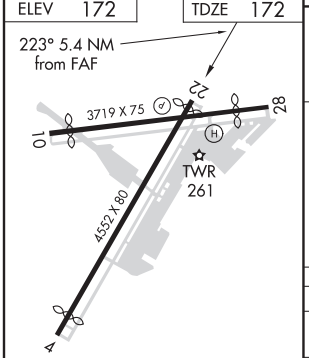
MISSED APPROACH: Climb to 600 then climbing right turn to 2000 direct CAT NDB and hold (ADF required).

ATIS	NEW YORK APP CON	CALDWELL TOWER ★	GND CON	CLNC DEL	UNICOM
135.5	127.6 379.9	119.8 (CTAF) L	121.9	121.1	122.95



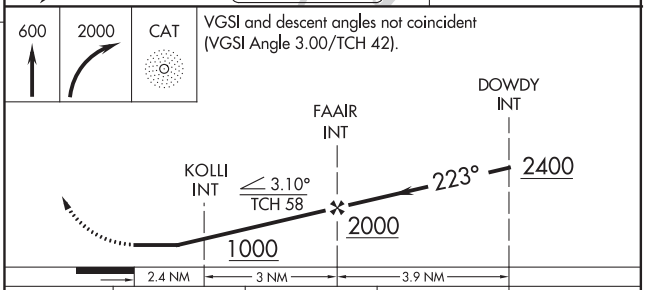
NE-2, 10 SEP 2020 to 05 NOV 2020

ELEV 172 TDZE 172

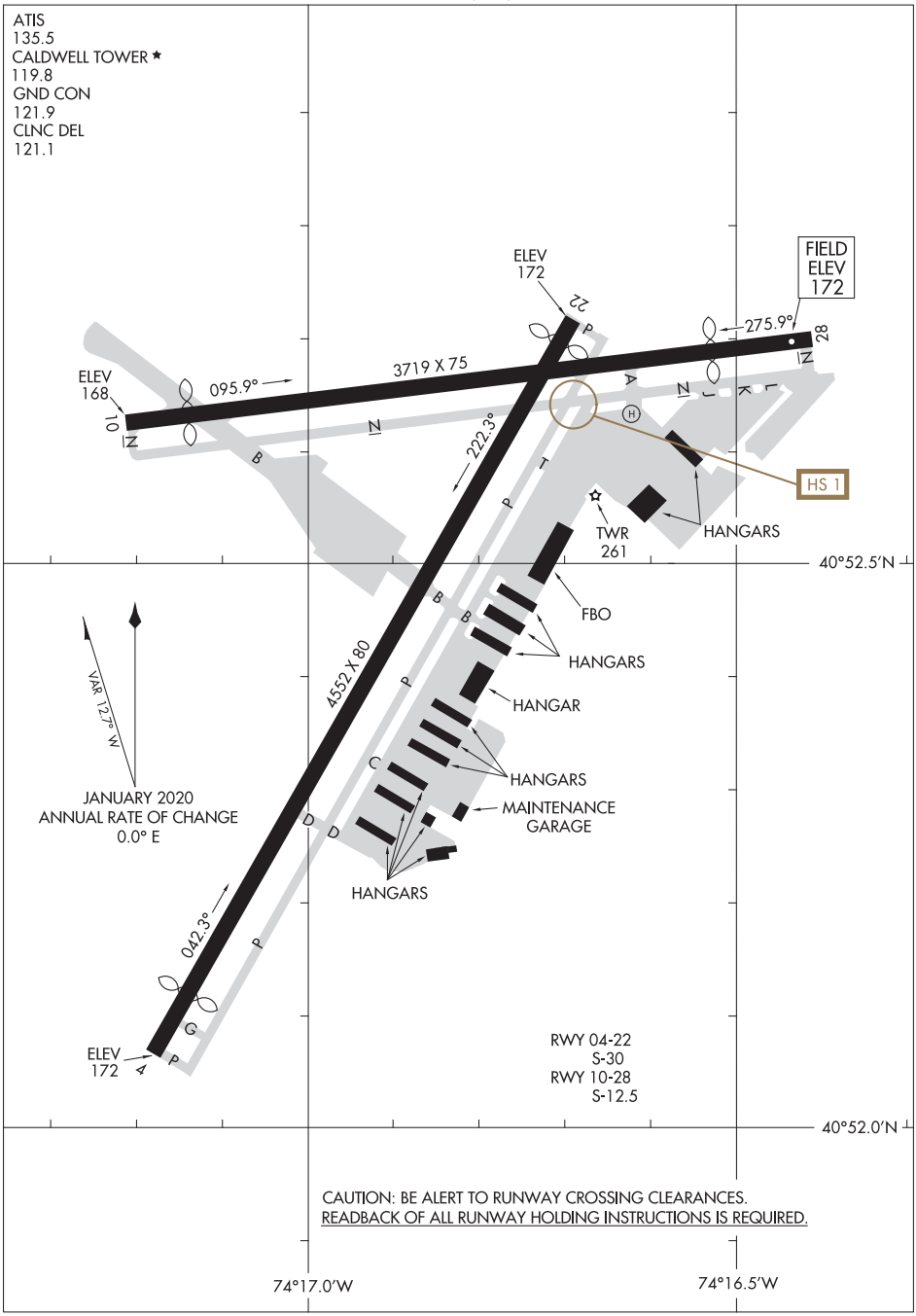


REIL Rwy 22 L
MIRL Rwy 10-28
HIRL Rwy 4-22 L

FAF to MAP 5.4 NM					
Knots	60	90	120	150	180
Min:Sec	5:24	3:36	2:42	2:10	1:48



CATEGORY	A	B	C	D
S-LOC 22	1000-1 828 (900-1)	1000-1¼ 828 (900-1¼)	1000-2½ 828 (900-2½)	
C CIRCLING	1000-1¼ 828 (900-1¼)	1040-1¼ 868 (900-1¼)	1100-2¾ 928 (1000-2¾)	1400-3 1228 (1300-3)
KOLLI INT MINIMUMS				
S-LOC 22	560-1 388 (400-1)		560-1⅛ 388 (400-1⅛)	
C CIRCLING	960-1 788 (800-1)	1040-1¼ 868 (900-1¼)	1100-2¾ 928 (1000-2¾)	1400-3 1228 (1300-3)



NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

CANANDAIGUA, NEW YORK | AL-9248 (FAA) | 19283

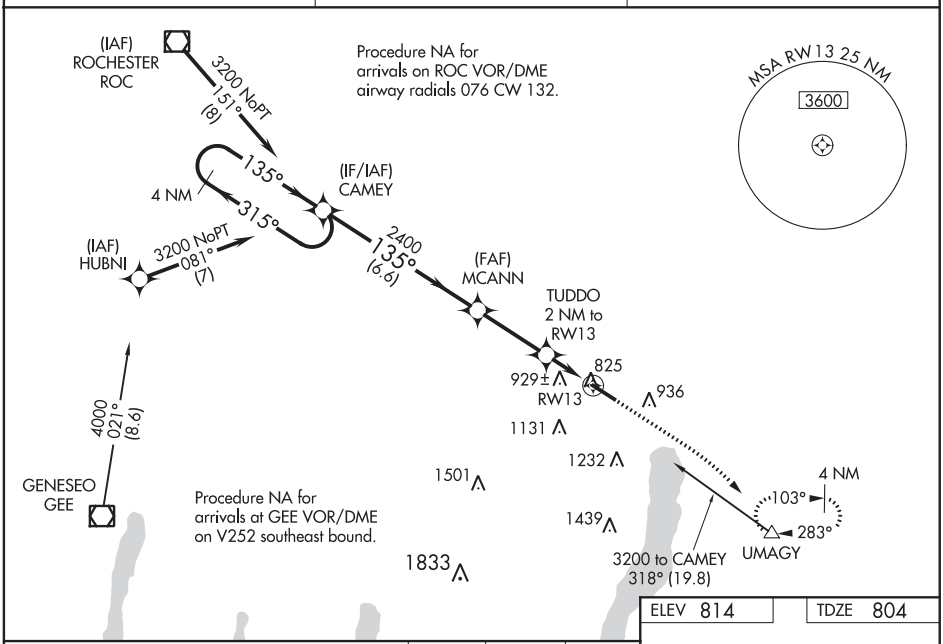
WAAS CH 45725 W13A	APP CRS 135°	Rwy ldg 5500 TDZE 804 Apt Elev 814

RNAV (GPS) RWY 13
CANANDAIGUA (IUA)

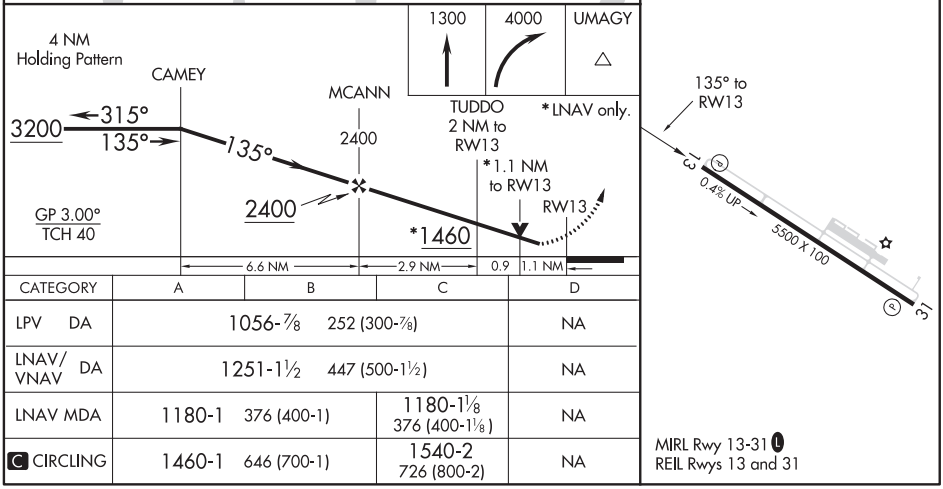
T A NA DME/DME RNP-0.3 NA. When local altimeter setting not received, use Rochester altimeter setting and increase all DA 82 feet and all MDA 100 feet, increase LPV all Cats visibility ¼ mile, LNAV/VNAV all Cats visibility ⅜ mile, and LNAV and Circling Cat C visibility ¼ mile. Rwy 13 helicopter visibility reduction below ¾ SM NA. Baro-VNAV and VDP NA when using Rochester altimeter setting. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -16°C (4°F) or above 54°C (130°F).

MISSED APPROACH: Climb to 1300 then climbing right turn to 4000 direct UMAGY and hold, continue climb-in-hold to 4000.

AWOS-3P	ROCHESTER APP CON	UNICOM
118.675	119.55 269.6	122.8 (CTAF) L



ELEV 814 | TDZE 804



CATEGORY	A	B	C	D
LPV DA	1056-⅞ 252 (300-⅞)			NA
LNAV/VNAV DA	1251-1½ 447 (500-1½)			NA
LNAV MDA	1180-1 376 (400-1)		1180-1⅛ 376 (400-1⅛)	NA
C CIRCLING	1460-1 646 (700-1)		1540-2 726 (800-2)	NA

MIRL Rwy 13-31 L
REIL Rwys 13 and 31

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

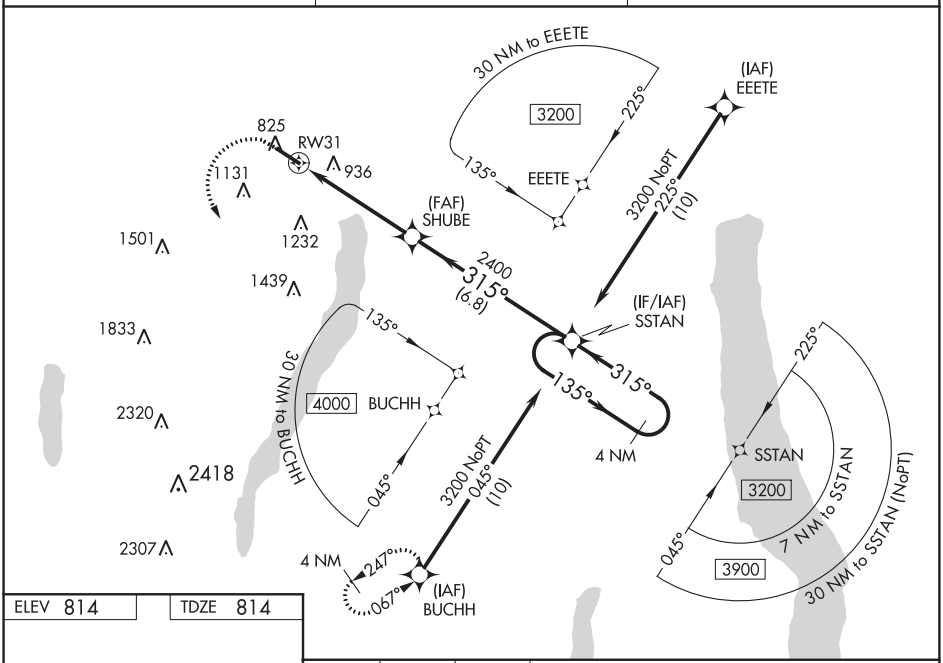
WAAS CH 40125 W31A	APP CRS 315°	Rwy ldg 5500 TDZE 814 Apt Elev 814

RNAV (GPS) RWY 31
CANANDAIGUA (IUA)

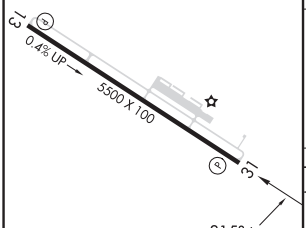
T A NA For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -16°C (4°F) or above 54°C (130°F). DME/DME RNP-0.3 NA. When local altimeter setting not received, use Greater Rochester Intl altimeter setting and increase LPV DA to 1146, LNAV/VNAV DA to 1328 and all MDA 100 feet; increase all Cats visibility LPV to 1⅛ mile, LNAV/VNAV to 1⅜ mile and LNAV Cat C visibility to 1¾ mile and Circling Cat C visibility to 2 ½ mile. Rwy 31 helicopter visibility reduction below ¾ SM NA. Circling Rwy 13 NA at night. Baro-VNAV and VDP NA when using Greater Rochester altimeter setting.

MISSED APPROACH: Climb to 1400 then climbing left turn to 3700 direct BUCHH and hold.

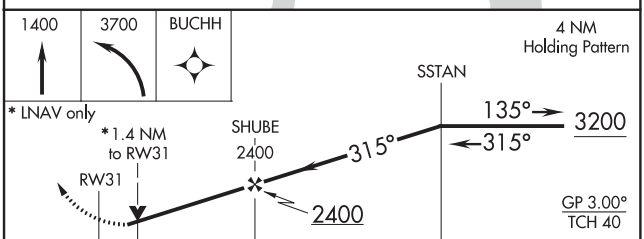
AWOS-3P	ROCHESTER APP CON	UNICOM
118.675	119.55 269.6	122.8 (CTAF) L



ELEV 814 TDZE 814



MIRL Rwy 13-31 L
REIL Rwys 13 and 31



CATEGORY	A	B	C	D
LPV DA	1064-⅞ 250 (300-⅞)			NA
LNAV/VNAV DA	1246-1½ 432 (500-1½)			NA
LNAV MDA	1300-1 486 (500-1)		1300-1⅜ 486 (500-1⅜)	NA
C CIRCLING	1460-1 646 (700-1)		1540-2 726 (800-2)	NA

NE-2, 10 SEP 2020 to 05 NOV 2020

CANANDAIGUA, NEW YORK | AL-9248 (FAA) | 18144

VOR-A
CANANDAIGUA (IUA)

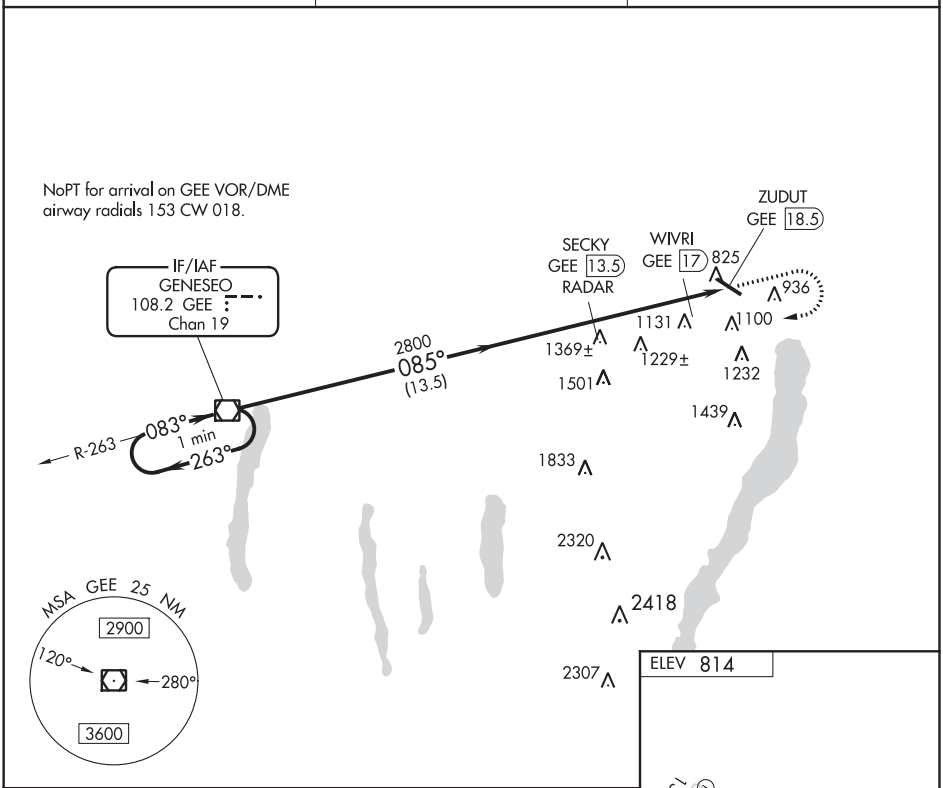
VOR/DME GEE	APP CRS	Rwy ldg	N/A
108.2	085°	TDZE	N/A
Chan 19		Apt Elev	814

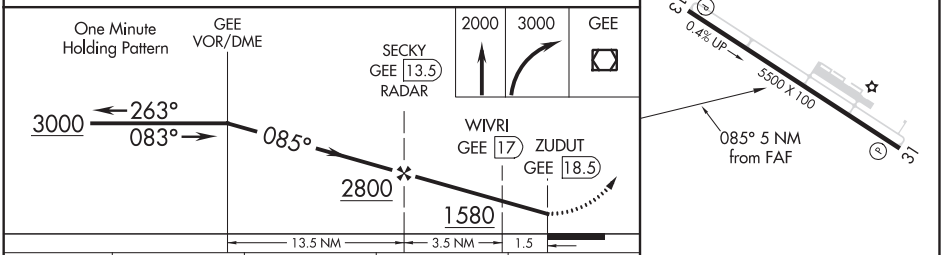
T
A NA

DME or RADAR required.

MISSED APPROACH: Climb to 2000 then climbing right turn to 3000 direct GEE VOR/DME and hold.

AWOS-3P	ROCHESTER APP CON	UNICOM
118.675	119.55 269.6	122.8 (CTAF) L





ELEV 814

CATEGORY	A	B	C	D
C CIRCLING	1580-1 766 (800-1)	1580-1¼ 766 (800-1¼)	1580-2¼ 766 (800-2¼)	NA
WIVRI FIX MINIMUMS				
C CIRCLING	1500-1 686 (700-1)		1540-2 726 (800-2)	NA

MIRL Rwy 13-31 L
REIL Rwys 13 and 31

FAF to MAP 5 NM					
Knots	60	90	120	150	180
Min:Sec	5:00	3:20	2:30	2:00	1:40

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

APP CRS	Rwy ldg	3400
059°	TDZE	1197
	Apt Elev	1197

RNAV (GPS) RWY 6

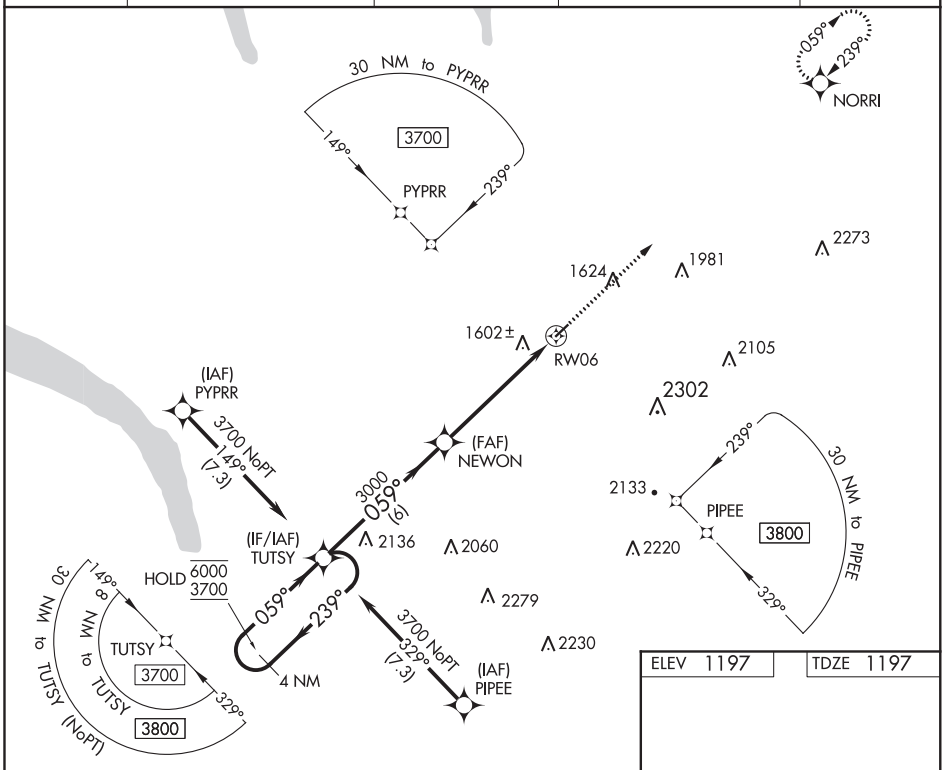
CORTLAND COUNTY-CHASE FIELD (NØ3)

RNP APCH.

Rwy 6 helicopter visibility reduction below ¾ SM NA.

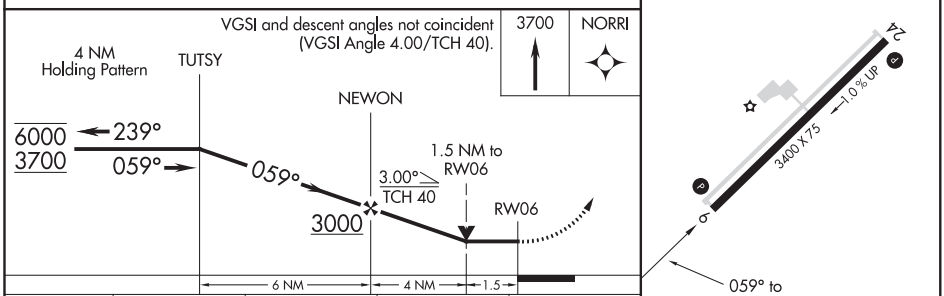
MISSED APPROACH: Climb to 3700 direct NORRI and hold.

AWOS-3	BINGHAMTON APP CON ★	ELMIRA APP CON ★	SYRACUSE APP CON	UNICOM
132.225	118.6 257.625 (S-SE)	124.3 257.8 (W)	126.125 269.125 (N)	122.8 (CTAF) L



ELEV 1197 TDZE 1197

VGSI and descent angles not coincident (VGSI Angle 4.00/TCH 40).



CATEGORY	A	B	C	D
LNAV MDA	1860-1	663 (700-1)	1860-1⅞ 663 (700-1⅞)	NA
C CIRCLING	1940-1 743 (800-1)	1980-1 783 (800-1)	2240-3 1043 (1100-3)	NA

REIL Rwy 24 L
MIRL Rwy 6-24 L

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

CORTLAND, NEW YORK AL-6029 (FAA) 20254

RNAV (GPS) RWY 24

CORTLAND COUNTY-CHASE FIELD (NØ3)

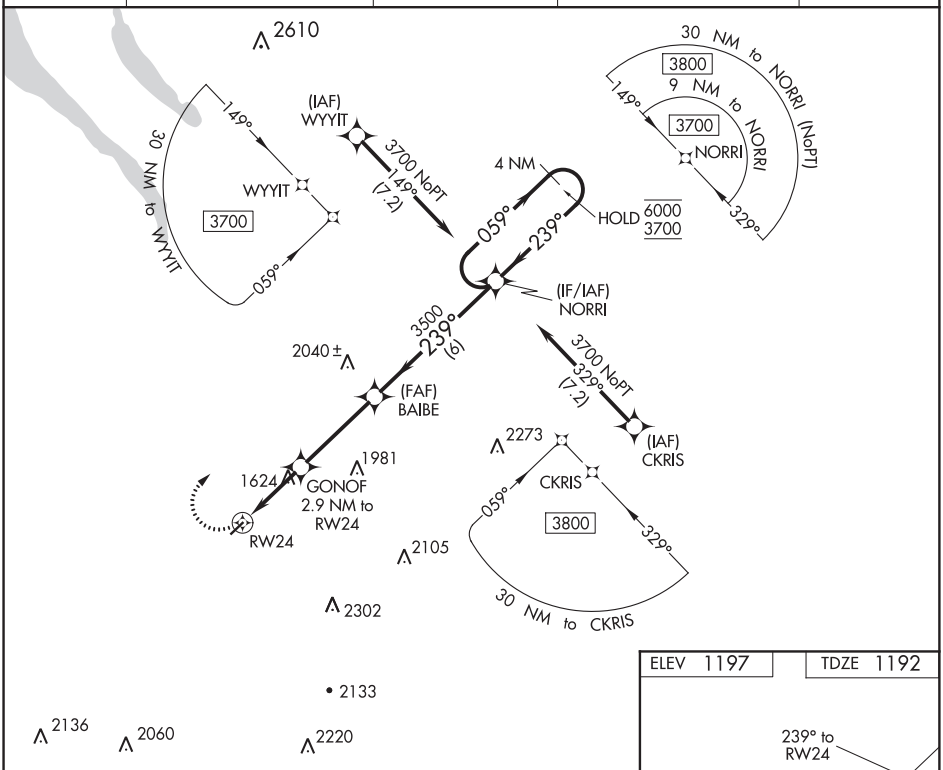
APP CRS	Rwy ldg	3400
239°	TDZE	1192
	Apt Elev	1197

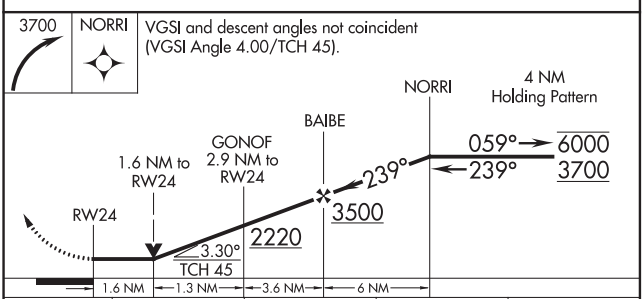
RNP APCH.

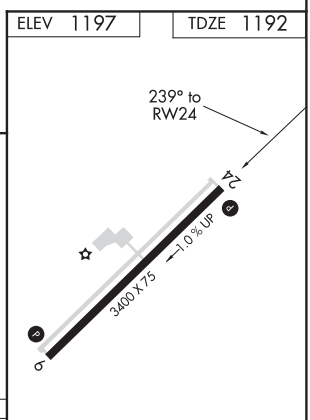
T A Rwy 24 helicopter visibility reduction below ¾SM NA.

MISSED APPROACH: Climbing right turn to 3700 direct NORRI and hold.

AWOS-3	BINGHAMTON APP CON ★	ELMIRA APP CON ★	SYRACUSE APP CON	UNICOM
132.225	118.6 257.625 (S-SE)	124.3 257.8 (W)	126.125 269.125 (N)	122.8 (CTAF) L







CATEGORY	A	B	C	D
LNAV MDA	1880-1 688 (700-1)		1880-2 688 (700-2)	NA
C CIRCLING	1940-1 743 (800-1)	1980-1 783 (800-1)	2240-3 1043 (1100-3)	NA

REIL Rwy 24 L
MIRL Rwy 6-24 L

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

VOR-A

CORTLAND COUNTY-CHASE FIELD (NØ3)

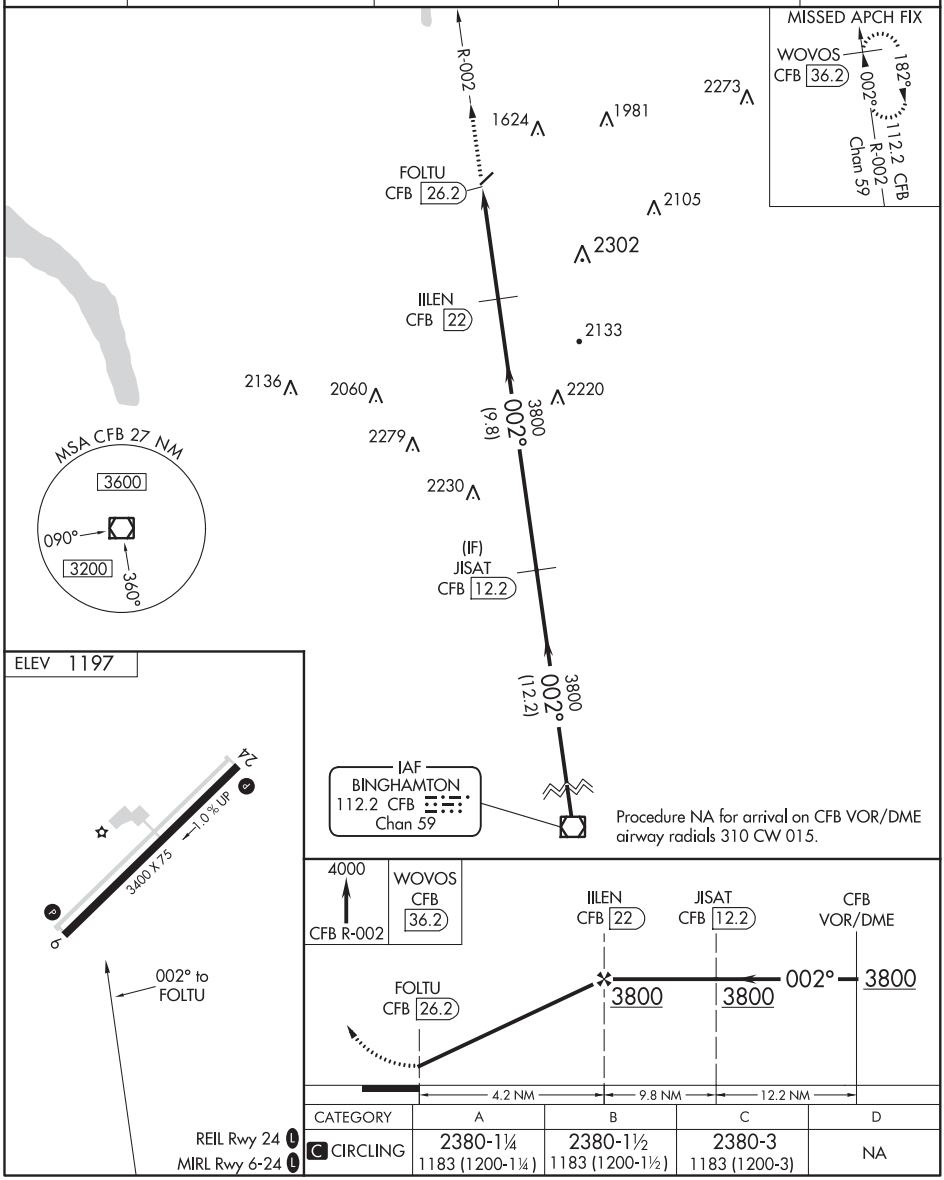
VOR/DME CFB 112.2 Chan 59	APP CRS 002°	Rwy ldg N/A TDZE N/A Apt Elev 1197

DME required.

T A

MISSED APPROACH: Climb to 4000 on CFB VOR/DME R-002 to WOVOS/36.2 DME and hold.

AWOS-3	BINGHAMTON APP CON ★	ELMIRA APP CON ★	SYRACUSE APP CON	UNICOM
132.225	118.6 257.625 (S-SE)	124.3 257.8 (W)	126.125 269.125 (N)	122.8 (CTAF) L



CATEGORY	A	B	C	D
C CIRCLING	2380-1¼ 1183 (1200-1¼)	2380-1½ 1183 (1200-1½)	2380-3 1183 (1200-3)	NA

NE-2, 10 SEP 2020 to 05 NOV 2020

CROSS KEYS, NEW JERSEY

AL-6333 (FAA)

20086

VOR or GPS RWY 9
CROSS KEYS (17N)

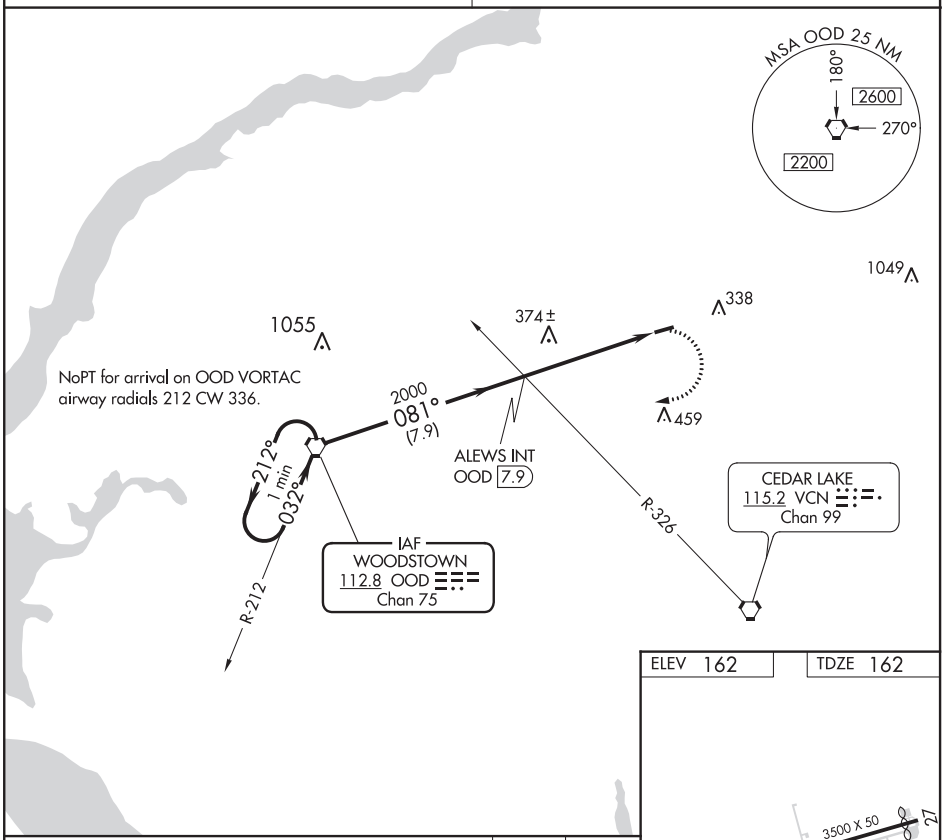
VORTAC OOD	APP CRS	Rwy ldg	3500
112.8	081°	TDZE	162
Chan 75		Apt Elev	162

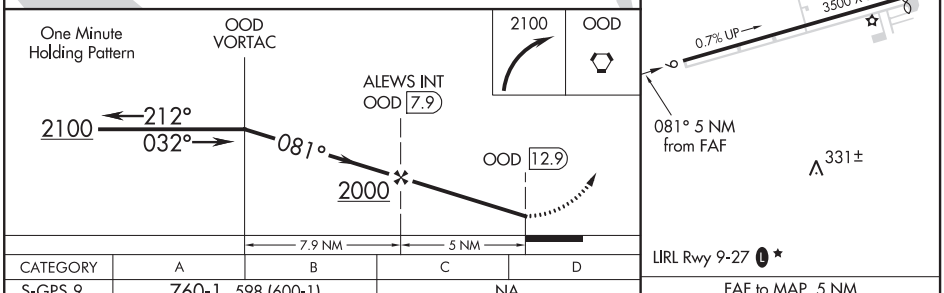
Rwy 9 helicopter visibility reduction below 1 SM NA. Procedure NA at night.
NA Use Philadelphia Intl altimeter setting.

MISSED APPROACH: Climbing right turn to 2100 direct OOD VORTAC and hold.

PHILADELPHIA APP CON
127.35 133.875 317.55

UNICOM
122.8 (CTAF) L ★





LIRL Rwy 9-27 L ★

CATEGORY	A	B	C	D
S-GPS 9	760-1 598 (600-1)		NA	
CIRCLING	760-1 598 (600-1)	820-1 658 (700-1)	NA	

FAF to MAP 5 NM					
Knots	60	90	120	150	180
Min:Sec	5:00	3:20	2:30	2:00	1:40

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

APP CRS	Rwy ldg	3500
151°	TDZE	655
	Apt Elev	660

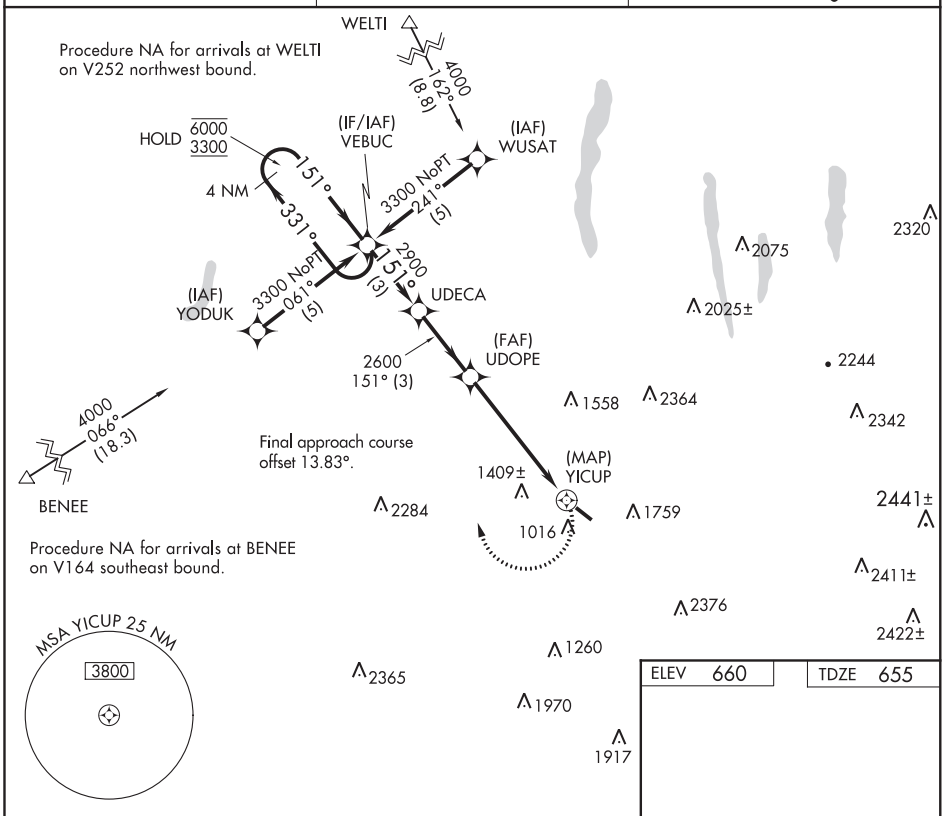
RNAV (GPS) RWY 14
DANSVILLE MUNI (DSV)

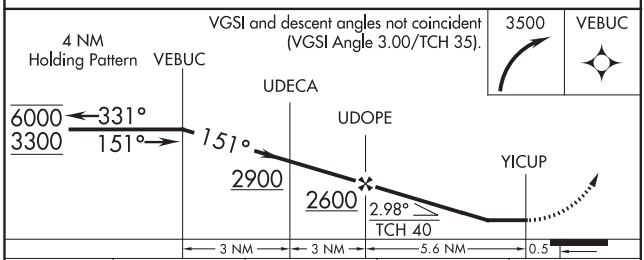
RNP APCH.

Procedure NA at night. Rwy 14 helicopter visibility reduction below 1 SM NA.

MISSED APPROACH: Climbing right turn to 3500 direct VEBUC and hold.

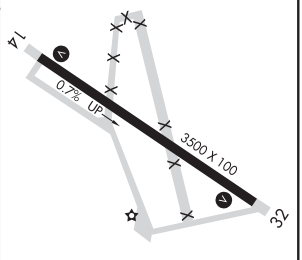
ASOS	ROCHESTER APP CON	UNICOM
118.325	123.7 322.3	123.0 (CTAF) L





CATEGORY	A	B	C	D
LNAV MDA	1840-1¼ 1185 (1200-1¼)	1840-1½ 1185 (1200-1½)	1840-3 1185 (1200-3)	NA
CIRCLING	1940-1¼ 1280 (1300-1¼)	2120-1½ 1460 (1500-1½)	2120-3 1460 (1500-3)	NA

ELEV 660 TDZE 655



MIRL Rwy 14-32 L

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

DANSVILLE, NEW YORK | AL-595 (FAA) | 20254

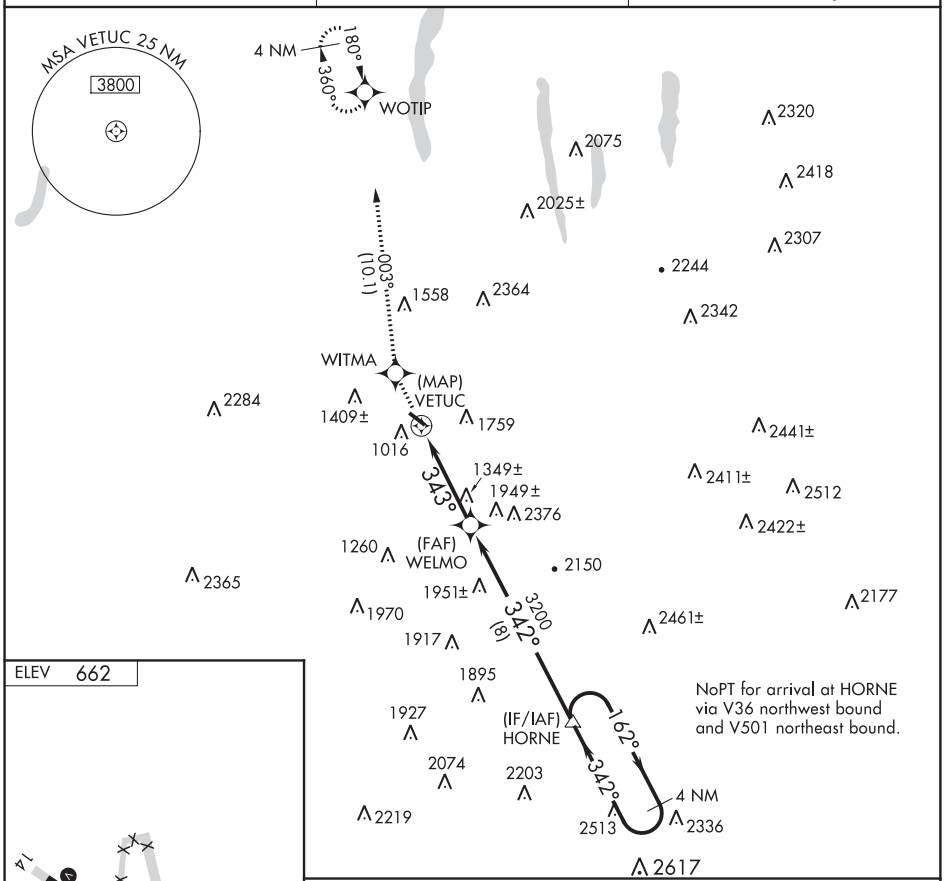
RNAV (GPS)-A
DANSVILLE MUNI (DSV)

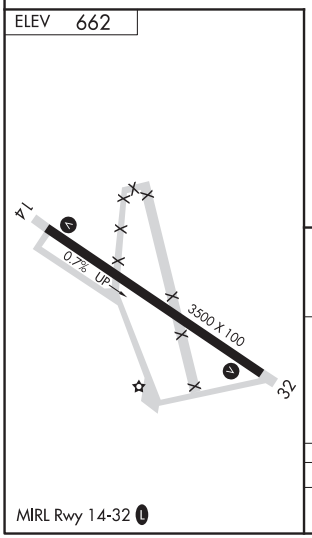
APP CRS	Rwy ldg	N/A
343°	TDZE	N/A
	Apt Elev	662

DME/DME RNP-0.3 NA. Procedure NA at night.
If local altimeter setting not received, use Greater Rochester Intl altimeter setting and increase all MDAs 100 feet.

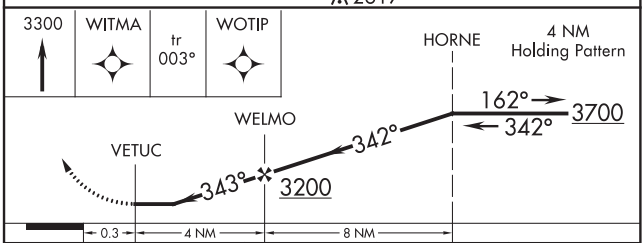
MISSED APPROACH: Climb to 3300 direct WITMA and via 003° track to WOTIP and hold.

ASOS	ROCHESTER APP CON	UNICOM
118.325	123.7 322.3	123.0 (CTAF) L





MIRL Rwy 14-32 L



CATEGORY	A	B	C	D
CIRCLING	1960-1¼ 1298 (1300-1¼)	2120-1½ 1458 (1500-1½)	2120-3 1458 (1500-3)	NA

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

RNAV (GPS) RWY 15
CHAUTAUQUA COUNTY/DUNKIRK (DKK)

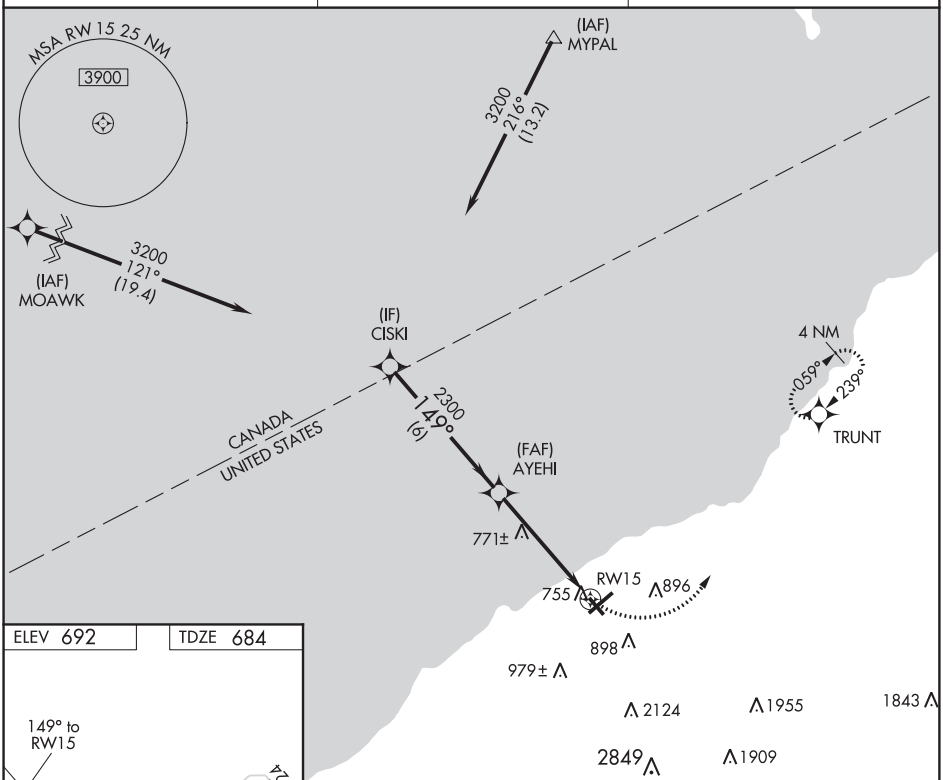
APP CRS	Rwy ldg	4000
149°	TDZE	684
	Apt Elev	692

RNP APCH.

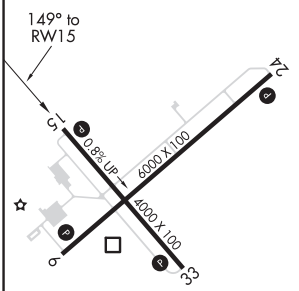
Circling to Rwy 6, 24, 33 NA at night.
Circling Cat D NA southeast of Rwy 6 and southwest of Rwy 33.
-20°C Rwy 15 helicopter visibility reduction below ¾ SM NA.

MISSED APPROACH: Climbing left turn to 3200 direct TRUNT and hold, continue climb-in-hold to 3200.

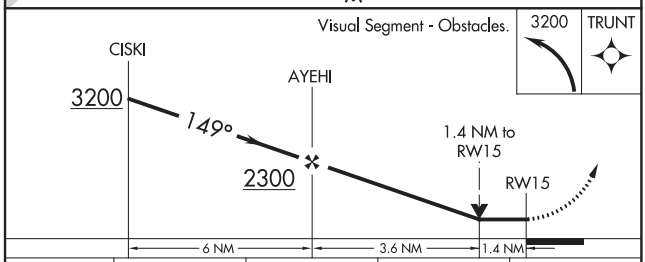
ASOS	BUFFALO APP CON	UNICOM
119.275	126.5 317.6	123.075 (CTAF) L



ELEV 692 | TDZE 684



MIRL Rwy 15-33 L
REIL Rwys 6 and 24 L
HIRL Rwy 6-24 L



CATEGORY	A	B	C	D
LNAV MDA	1140-1 456 (500-1)		1140-1⅜ 456 (500-1⅜)	
C CIRCLING	1200-1 508 (600-1)	1320-1 628 (700-1)	1640-2¾ 948 (1000-2¾)	2140-3 1448 (1500-3)

NE-2, 10 SEP 2020 to 05 NOV 2020
NE-2, 10 SEP 2020 to 05 NOV 2020

DUNKIRK, NEW YORK | AL-880 (FAA) | 20198

RNAV (GPS) RWY 33

CHAUTAUQUA COUNTY/DUNKIRK (DKK)

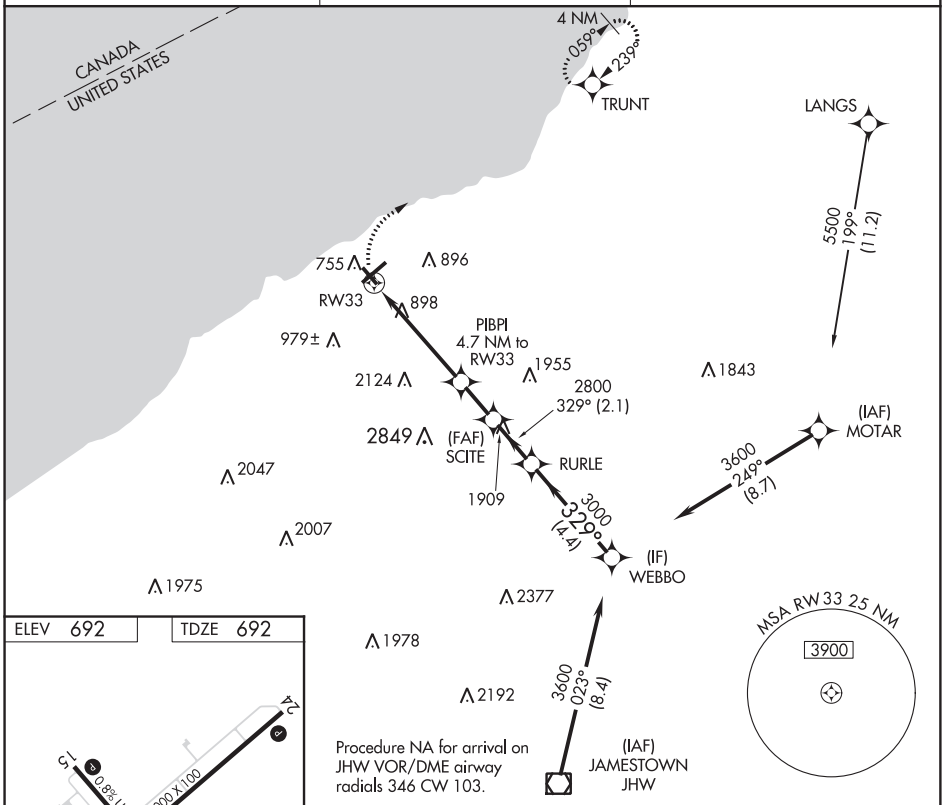
APP CRS	Rwy ldg	4000
329°	TDZE	692
	Apt Elev	692

RNP APCH.

Circling Cat D NA southeast of Rwy 6 and southwest of Rwy 33.
Rwy 33 helicopter visibility reduction below 1 SM NA.
Straight-In Rwy 33 NA at night, Circling Rwy 6, 24, 33 NA at night.
-20°C

MISSED APPROACH: Climbing right turn to 3200 direct TRUNT and hold.

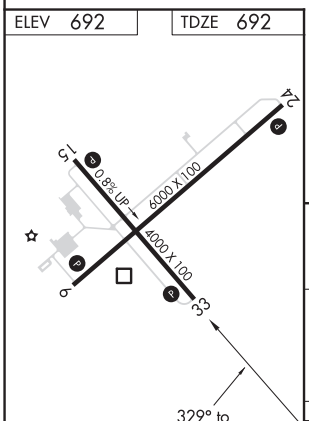
ASOS	BUFFALO APP CON	UNICOM
119.275	126.5 317.6	123.075 (CTAF) L



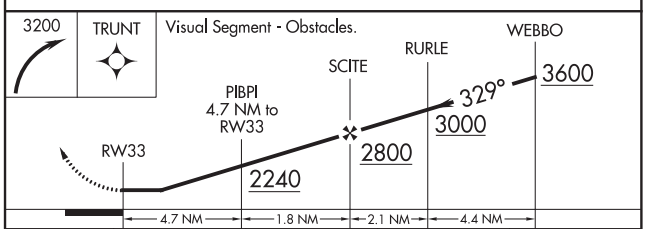
NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

ELEV 692 | TDZE 692



MIRL Rwy 15-33 L
REIL Rwys 6 and 24 L
HIRL Rwy 6-24 L



CATEGORY	A	B	C	D
LNAV MDA	1860-1¼ 1168 (1200-1¼)	1860-1½ 1168 (1200-1½)	1860-3 1168 (1200-3)	
C CIRCLING	1860-1¼ 1168 (1200-1¼)	1860-1½ 1168 (1200-1½)	1860-3 1168 (1200-3)	2140-3 1448 (1500-3)

APP CRS	Rwy ldg	N/A
239°	TDZE	N/A
	Apt Elev	692

RNAV (GPS)-A

CHAUTAUQUA COUNTY/DUNKIRK (DKK)

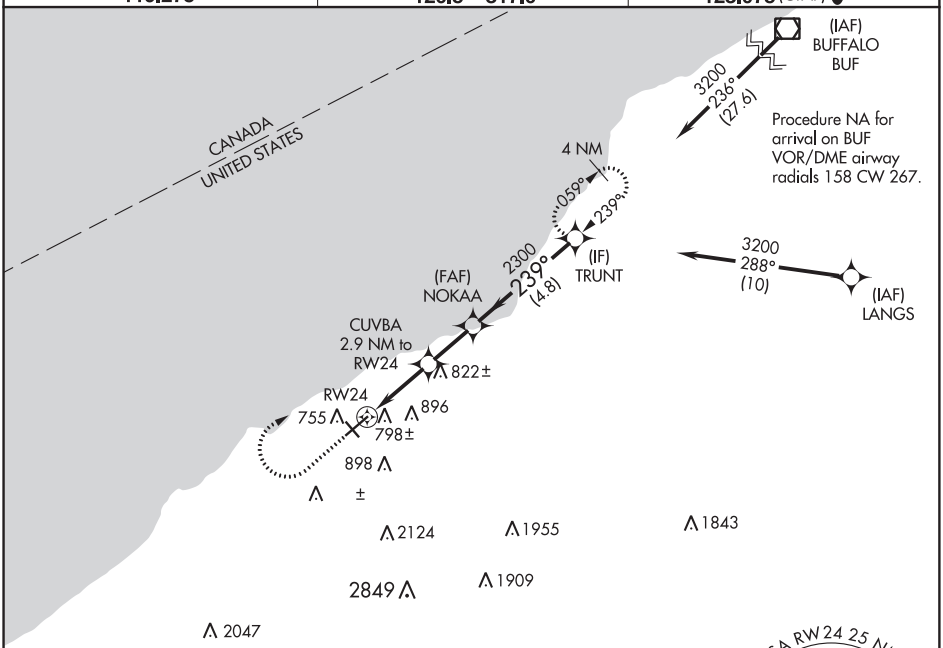
RNP APCH.

Circling Cat D NA southeast of Rwy 6 and southwest of Rwy 33.
Circling Rwy 6, 24, 33 NA at night.

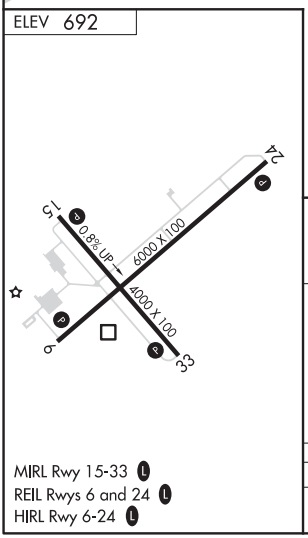
-20°C

MISSED APPROACH: Climb to 1900 then climbing right turn to 3200 direct TRUNT and hold.

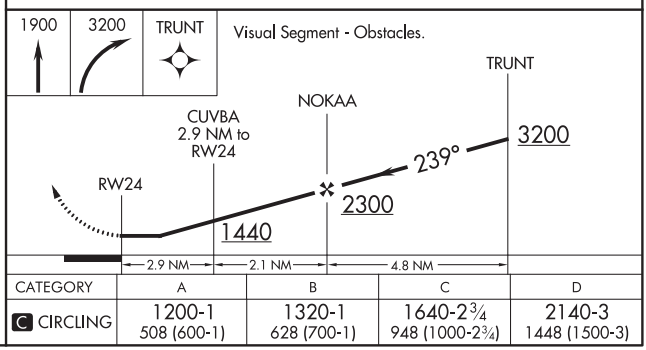
ASOS	BUFFALO APP CON	UNICOM
119.275	126.5 317.6	123.075 (CTAF) L



ELEV 692



MIRL Rwy 15-33 L
REIL Rwys 6 and 24 L
HIRL Rwy 6-24 L



CATEGORY	A	B	C	D
C CIRCLING	1200-1 508 (600-1)	1320-1 628 (700-1)	1640-2¾ 948 (1000-2¾)	2140-3 1448 (1500-3)

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

DUNKIRK, NEW YORK | AL-880 (FAA) | 20198

RNAV (GPS)-B

CHAUTAUQUA COUNTY/DUNKIRK (DKK)

APP CRS	Rwy ldg	N/A
059°	TDZE	N/A
	Apt Elev	692

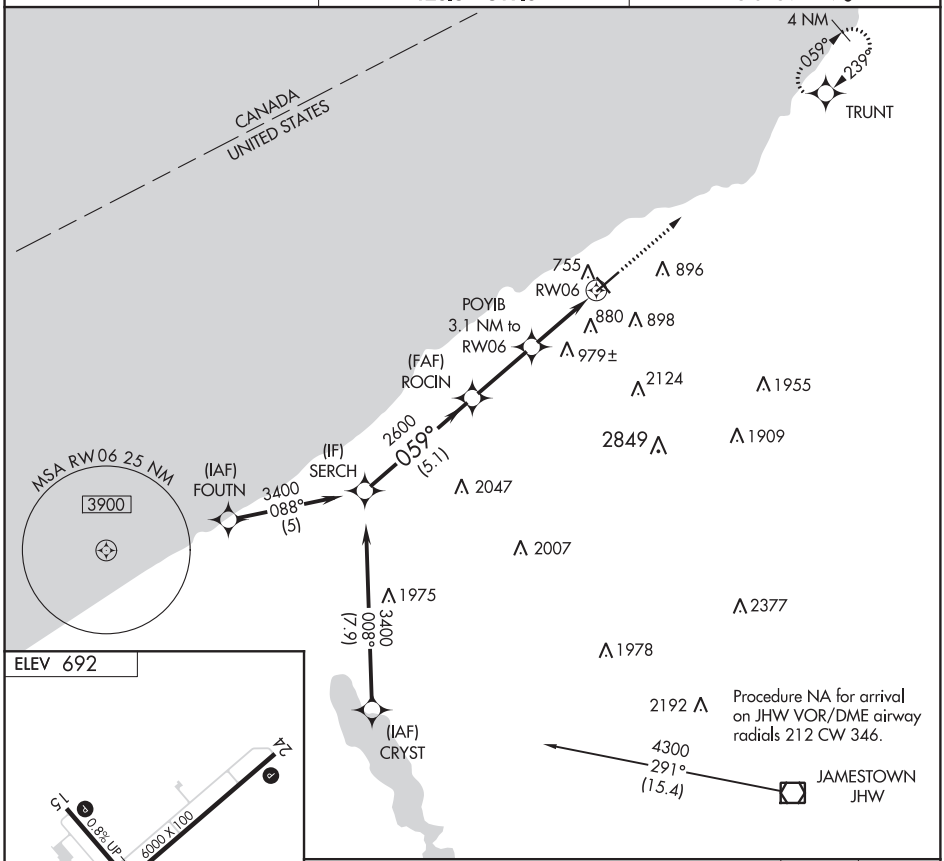
RNP APCH.

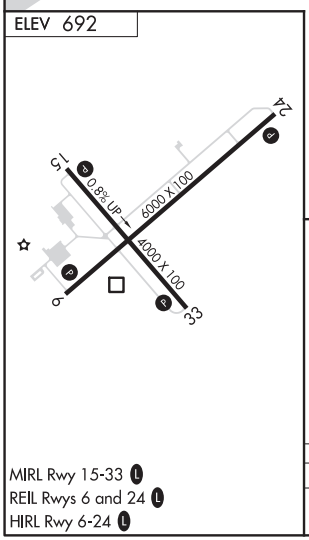
T A -20°C

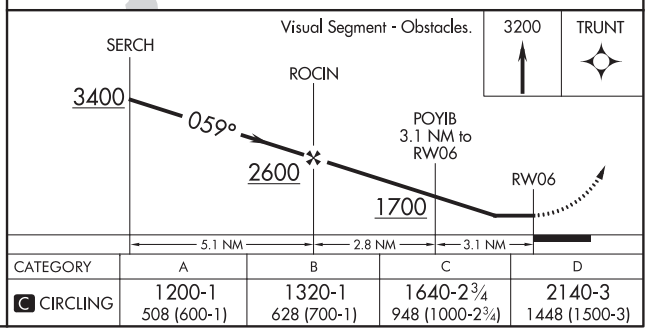
Circling to Rwy 6, 24, 33 NA at night.
Circling Cat D NA southeast of Rwy 6 and southwest of Rwy 33.

MISSED APPROACH: Climb to 3200 direct TRUNT and hold.

ASOS	BUFFALO APP CON	UNICOM
119.275	126.5 317.6	123.075 (CTAF) L





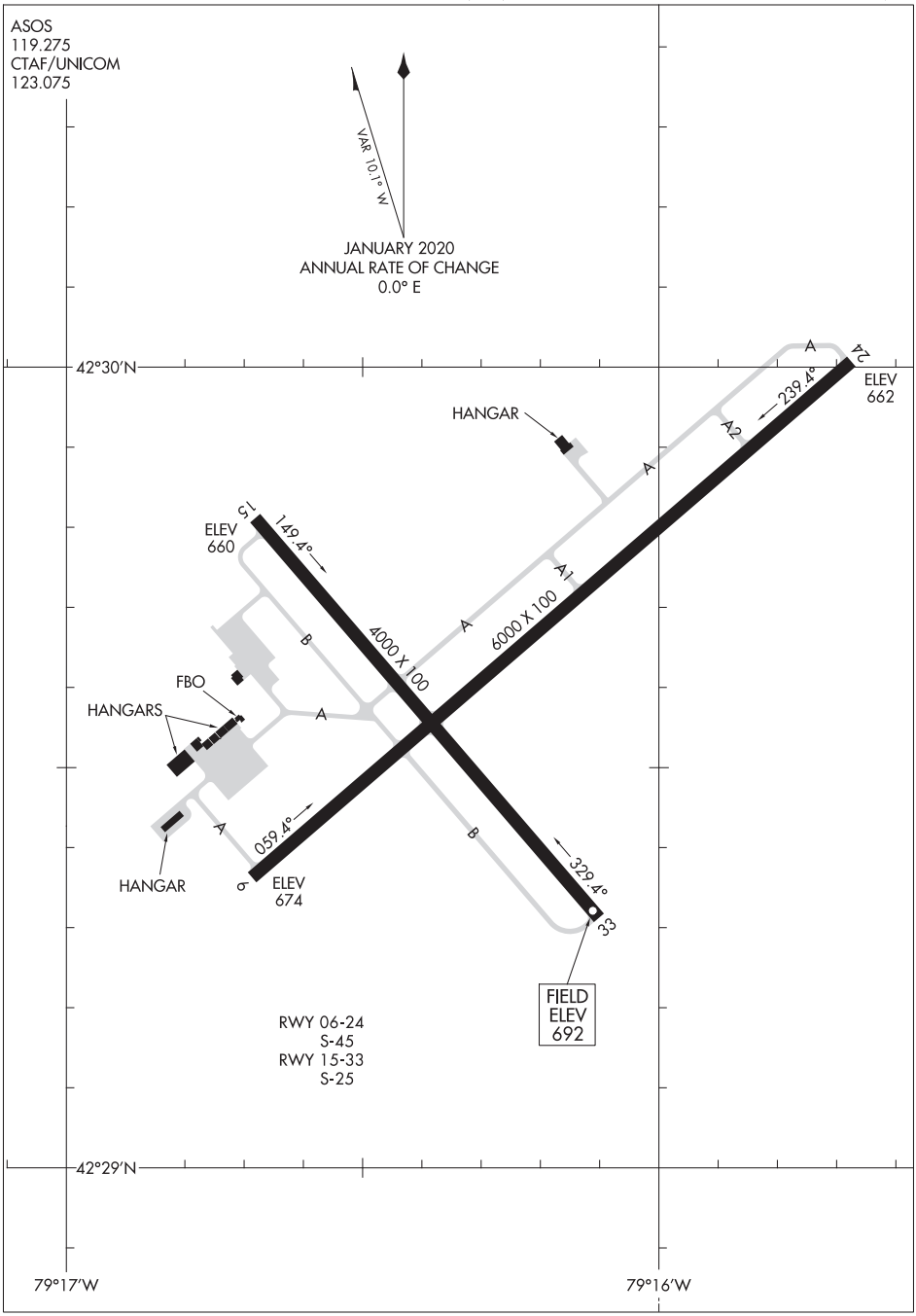


CATEGORY	A	B	C	D
C CIRCLING	1200-1 508 (600-1)	1320-1 628 (700-1)	1640-2¾ 948 (1000-2¾)	2140-3 1448 (1500-3)

MIRL Rwy 15-33 L
REIL Rwys 6 and 24 L
HIRL Rwy 6-24 L

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020



NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

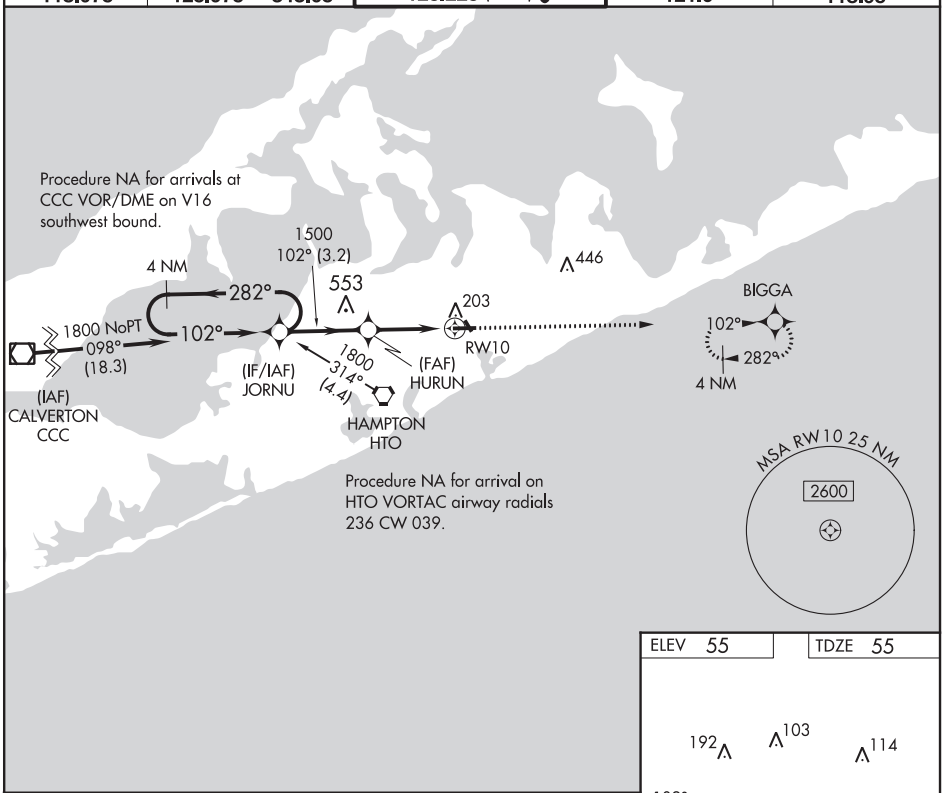
RNAV (GPS) X RWY 10
EAST HAMPTON (HTO)

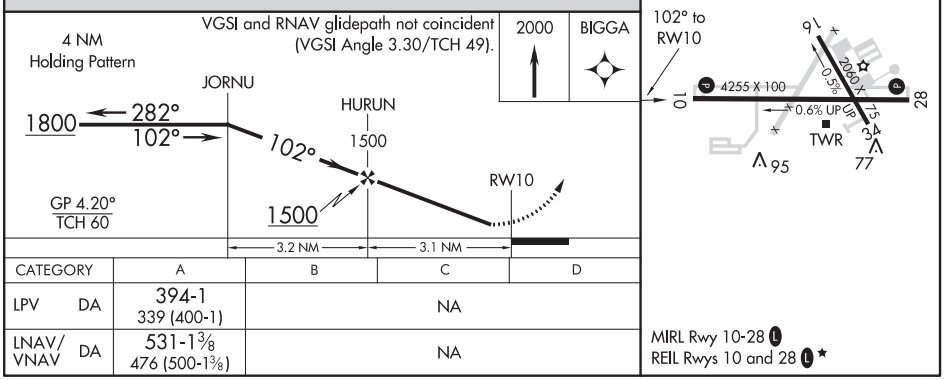
WAAS CH 77928 W10B	APP CRS 102°	Rwy ldg 4255 TDZE 55 Apt Elev 55

Baro-VNAV NA when using Westhampton Beach altimeter setting. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -15°C (5°F) or above 54°C (130°F). DME/DME RNP-0.3 NA.
NA Helicopter visibility reduction below 1 SM NA. When local altimeter setting not received, use Westhampton Beach altimeter setting and increase all DA 45 feet and increase LPV and LNAV/VNAV visibility ⅛ mile. Night landing: Rwy 10, 28 operational VGSI required, remain on or above VGSI glidepath until threshold.

MISSED APPROACH: Climb to 2000 direct BIGGA and hold.

AWOS-3PT	NEW YORK APP CON		EAST HAMPTON TOWER ★	GND CON	CLNC DEL
118.075	125.975	343.65	125.225 (CTAF) L	121.9	118.95





CATEGORY		A	B	C	D
LPV	DA	394-1 339 (400-1)	NA		
LNAV/VNAV	DA	531-1⅜ 476 (500-1⅜)	NA		

NE-2, 10 SEP 2020 to 05 NOV 2020

APP CRS	Rwy ldg	4255
102°	TDZE	55
	Apt Elev	55

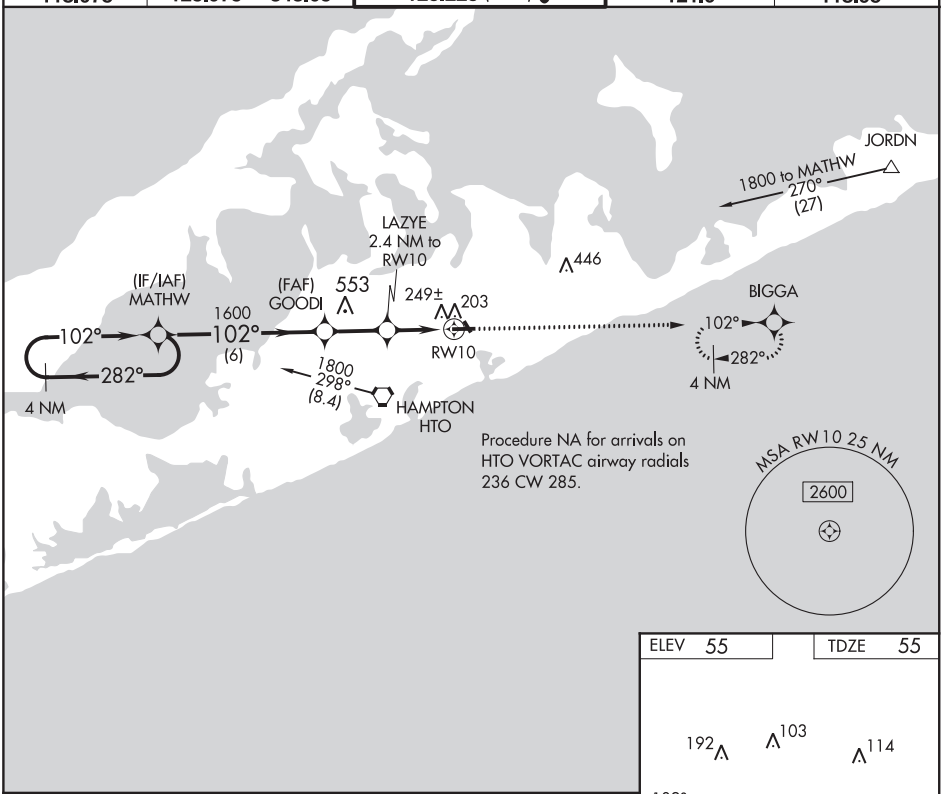
RNAV (GPS) Y RWY 10
EAST HAMPTON (HTO)

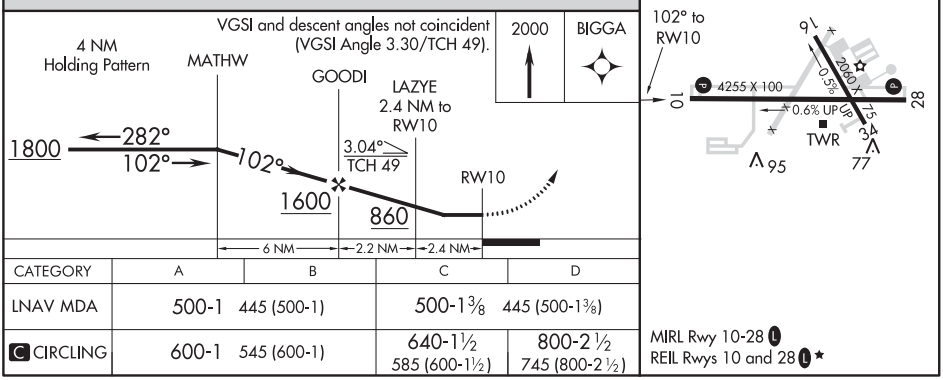
NA

DME/DME RNP-0.3 NA. When local altimeter setting not received, use Westhampton Beach altimeter setting and increase all MDA 60 feet, increase Circling Cat C visibility ¼ mile. Helicopter visibility reduction below 1 SM NA. Procedure NA at night.

MISSED APPROACH: Climb to 2000 direct BIGGA and hold.

AWOS-3PT	NEW YORK APP CON		EAST HAMPTON TOWER ★	GND CON	CLNC DEL
118.075	125.975	343.65	125.225 (CTAF) L	121.9	118.95





CATEGORY	A	B	C	D
LNAV MDA	500-1 445 (500-1)		500-1⅜ 445 (500-1⅜)	
C CIRCLING	600-1 545 (600-1)		640-1½ 585 (600-1½)	800-2½ 745 (800-2½)

MIRL Rwy 10-28 L
REIL Rwys 10 and 28 L ★

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

EAST HAMPTON, NEW YORK — AL-5016 (FAA) — 20254

WAAS CH 90332 W28B	APP CRS 282°	Rwy ldg 4255 TDZE 46 Apt Elev 55

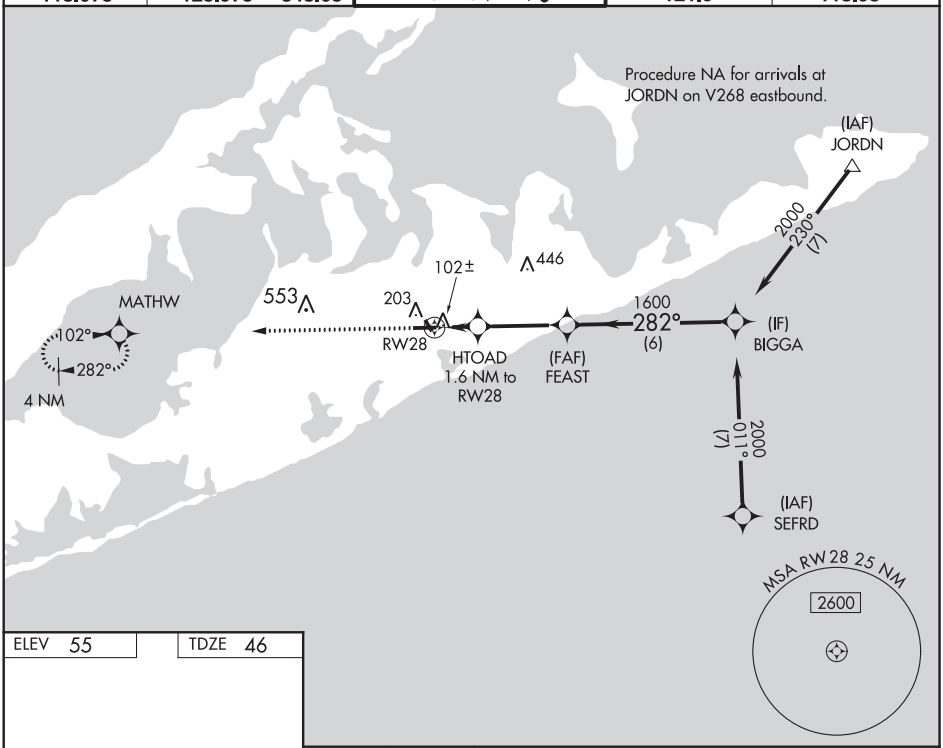
RNAV (GPS) Y RWY 28
EAST HAMPTON (HTO)

RNP APCH.

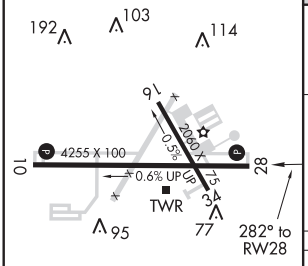
Circling to Rwy 16, 34 NA at night. Rwy 28 helicopter visibility reduction below 1 SM NA. Straight-in and Circling Rwy 28 at night operational VGSI required, remain on or above VGSI glidepath until threshold. Circling Rwy 10 at night operational VGSI required, remain on or above VGSI glidepath until threshold.

MISSED APPROACH: Climb to 2000 direct MATHW and hold.

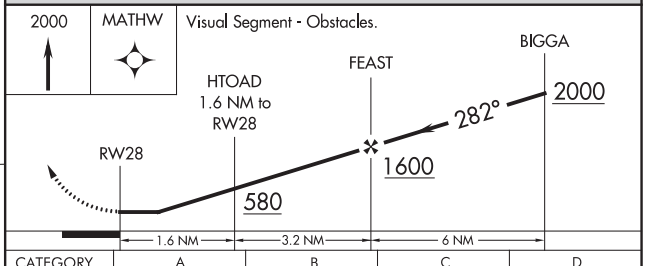
AWOS-3PT	NEW YORK APP CON		EAST HAMPTON TOWER ★	GND CON	CLNC DEL
118.075	125.975	343.65	125.225 (CTAF) L	121.9	118.95



ELEV 55 | TDZE 46



MIRL Rwy 10-28 L
REIL Rwys 10 and 28 L ★



CATEGORY	A	B	C	D
LP MDA	400-1 354 (400-1)			
LNAV MDA	420-1 374 (400-1)			
C CIRCLING	600-1 545 (600-1)		640-1½ 585 (600-1½)	800-2½ 745 (800-2½)

NE-2, 10 SEP 2020 to 05 NOV 2020

WAAS CH 40112 W10A	APP CRS 102°	Rwy ldg 4255 TDZE 55 Apt Elev 55

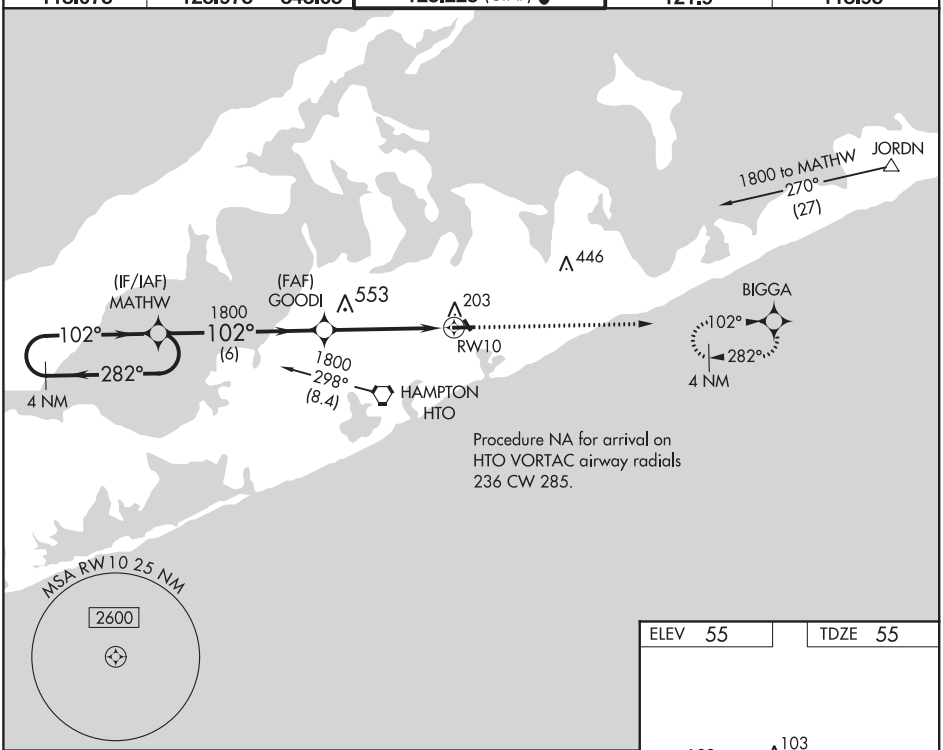
RNAV (GPS) Z RWY 10
EAST HAMPTON (HTO)

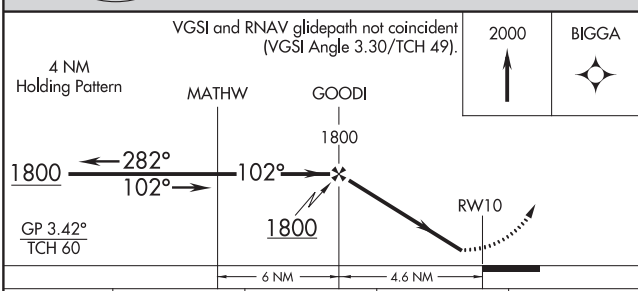
T A NA

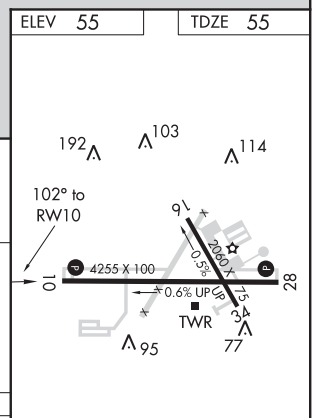
Baro-VNAV NA when using Westhampton Beach altimeter setting. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -15°C (5°F) or above 54°C (130°F). DME/DME RNP-0.3 NA. Helicopter visibility reduction below 1 SM NA. When local altimeter setting not received, use Westhampton Beach altimeter setting and increase all DA 45 feet; increase LNAV/VNAV visibility ⅛ mile all Cats. Night landing: Rwy 10, 28 operational VGSI required, remain on or above VGSI glidepath until threshold.

MISSED APPROACH: Climb to 2000 direct BIGGA and hold.

AWOS-3PT	NEW YORK APP CON	EAST HAMPTON TOWER ★	GND CON	CLNC DEL
118.075	125.975 343.65	125.225 (CTAF) L	121.9	118.95







MIRL Rwys 10-28 L
REIL Rwys 10 and 28 L ★

CATEGORY	A	B	C	D
LPV DA	361-1	306 (400-1)		NA
LNAV/VNAV DA	419-1	364 (400-1)		NA

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

EAST HAMPTON, NEW YORK AL-5016 (FAA) 20254

RNAV (GPS) Z RWY 28
EAST HAMPTON (HTO)

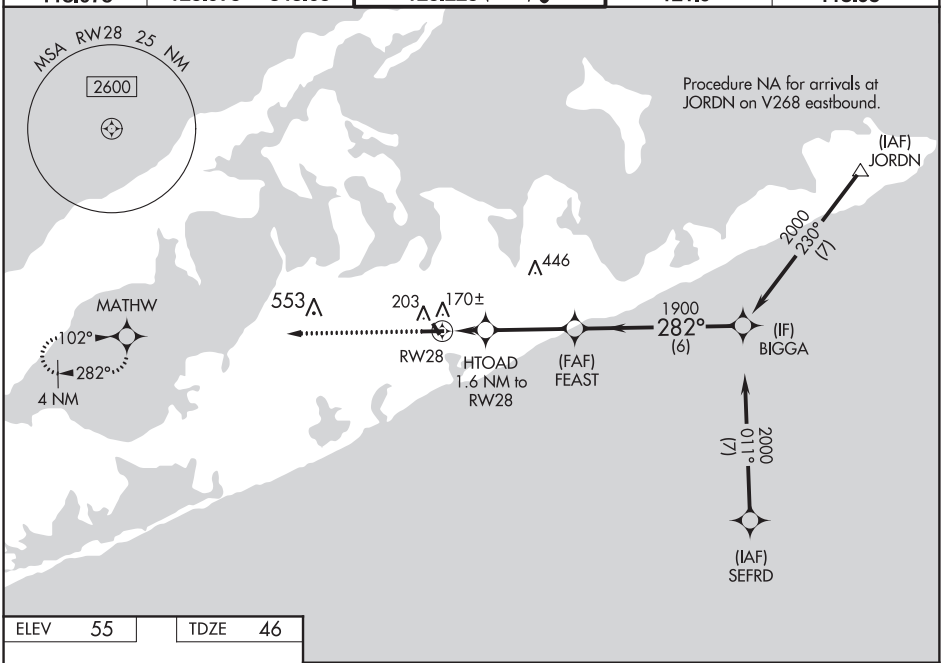
WAAS CH 49037 W28A	APP CRS 282°	Rwy ldg 4255 TDZE 46 Apt Elev 55

RNP APCH.

Circling to Rwy 16, 34 NA at night. Rwy 28 helicopter visibility reduction below 1 SM NA. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -15°C or above 48°C. Straight-in and Circling Rwy 28 at night operational VGSI required, remain at or above VGSI glidepath until threshold. Circling Rwy 10 at night operational VGSI required, remain on or above VGSI glidepath until threshold.

MISSED APPROACH: Climb to 2000 direct MATHW and hold.

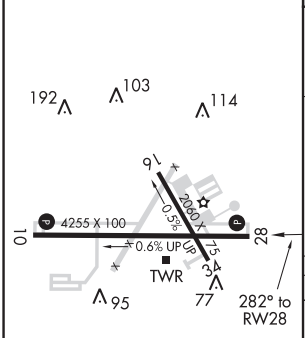
AWOS-3PT	NEW YORK APP CON	EAST HAMPTON TOWER ★	GND CON	CLNC DEL
118.075	125.975 343.65	125.225 (CTAF) L	121.9	118.95



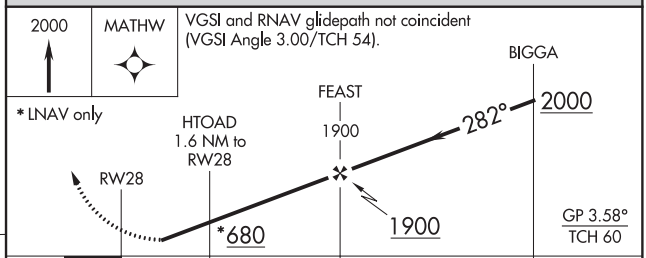
NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

ELEV 55 TDZE 46



MIRL Rwy 10-28 L
REIL Rwys 10 and 28 L ★



CATEGORY	A	B	C	D
LPV DA	346-1 300 (300-1)			NA
LNAV/VNAV DA	356-1 310 (400-1)			NA
LNAV MDA	420-1 374 (400-1)			NA
C CIRCLING	600-1 545 (600-1)		640-1½ 585 (600-1½)	NA

APP CRS	Rwy ldg	3838
063°	TDZE	290
	Apt Elev	292

RNAV (GPS) RWY 4
JOSEPH Y RESNICK (N89)

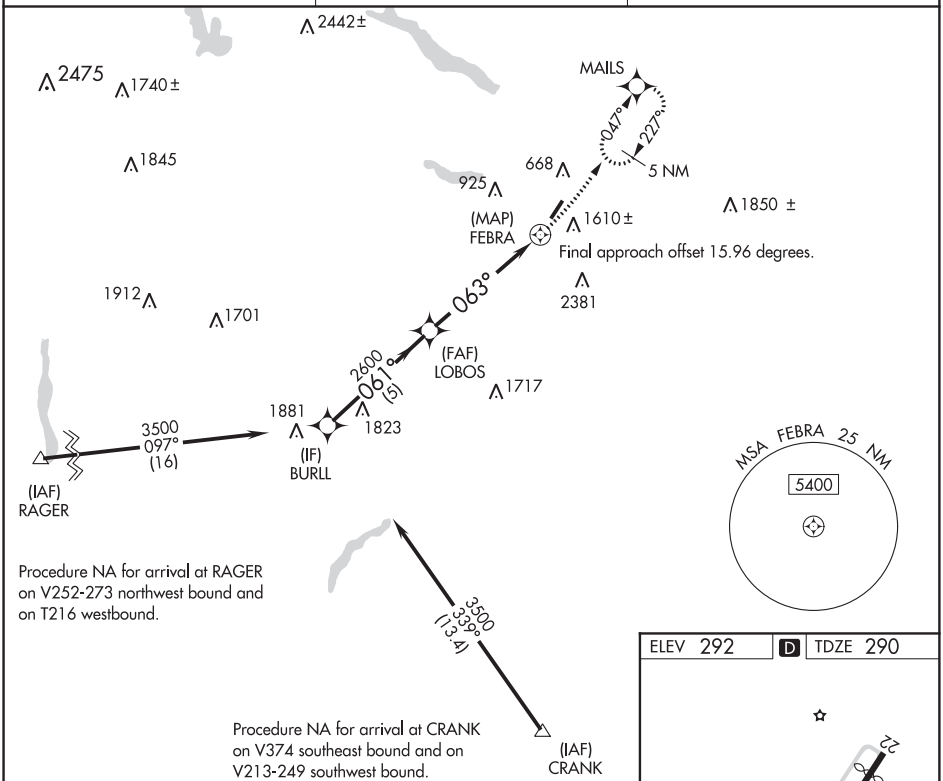
RNP APCH.

T
A NA
-6° C

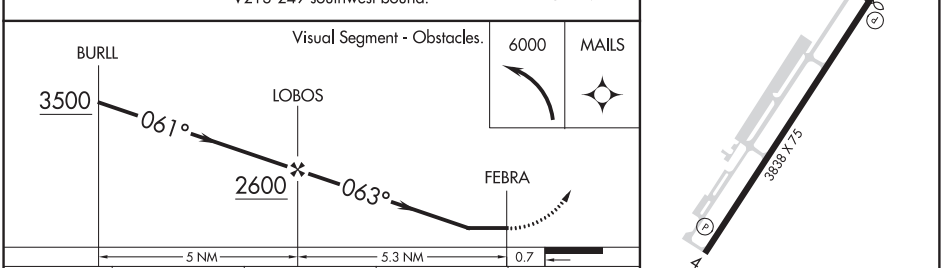
Circling NA southeast of Rwy 4-22. Procedure NA at night. Rwy 4 helicopter visibility reduction below 1 SM NA. Use New York Stewart Intl altimeter setting, when not received, use Poughkeepsie altimeter setting.

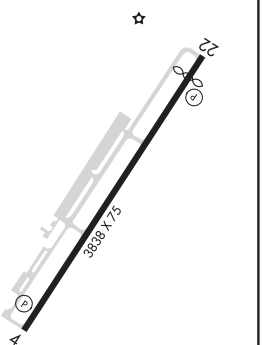
MISSED APPROACH: Climbing left turn to 6000 direct MAILS and hold, continue climb-in-hold to 6000.

SWF ASOS	NEW YORK APP CON	UNICOM
124.575	132.75 363.1	122.8 (CTAF) L



ELEV 292 | D | TDZE 290





CATEGORY	A	B	C	D
LNAV MDA	2160-1¼ 1870 (1900-1¼)	2160-1½ 1870 (1900-1½)	NA	
C CIRCLING	2160-1¼ 1868 (1900-1¼)	2160-1½ 1868 (1900-1½)	NA	

MIRL Rwy 4-22 L
REIL Rwy 4-22 L

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

ELLENVILLE, NEW YORK AL-9390 (FAA) 20198

RNAV (GPS) RWY 22

JOSEPH Y RESNICK (N89)

APP CRS	Rwy ldg	3538
227°	TDZE	290
	Apt Elev	292

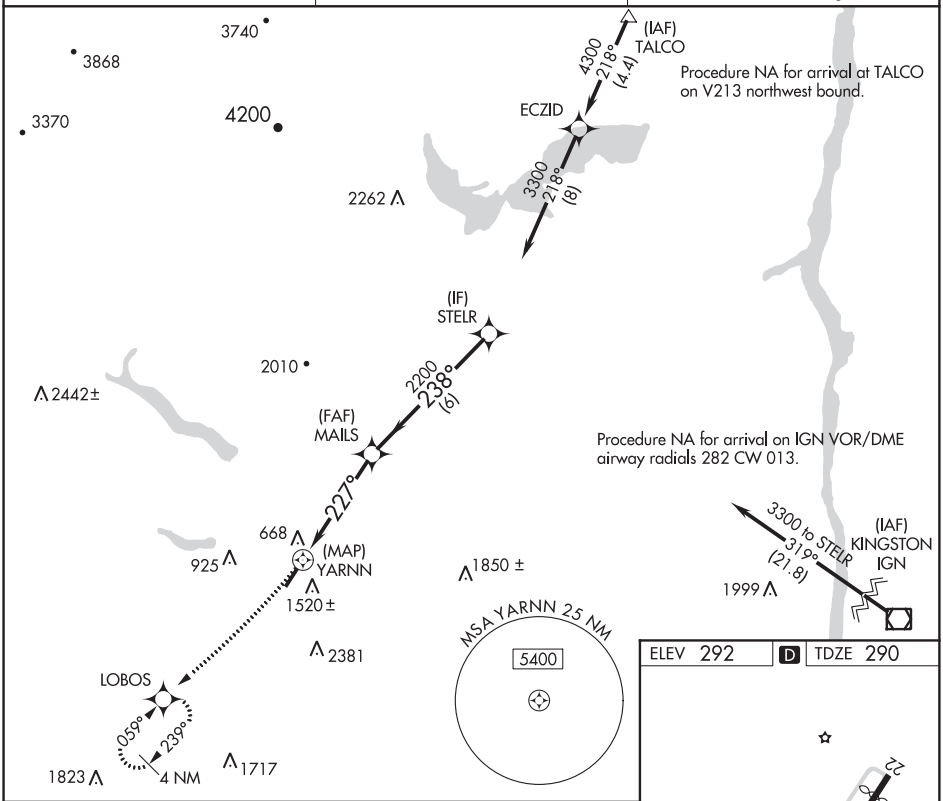
RNP APCH.

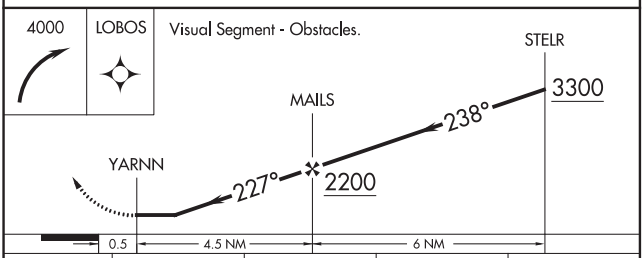
T
A NA
-6° C

Circling NA southeast of Rwy 4-22. Rwy 22 helicopter visibility reduction below 1 SM NA. Use New York Stewart Intl altimeter setting, when not received, use Poughkeepsie altimeter setting. Procedure NA at night.

MISSED APPROACH: Climbing right turn to 4000 direct LOBOS and hold, continue climb-in-hold to 4000.

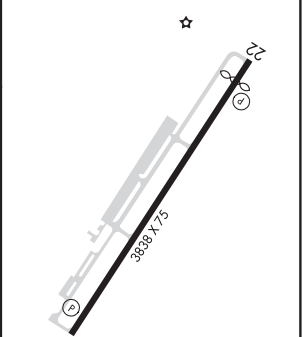
SWF ASOS	NEW YORK APP CON	UNICOM
124.575	132.75 363.1	122.8 (CTAF) L





CATEGORY	A	B	C	D
LNAV MDA	1820-1¼ 1530 (1600-1¼)	1820-1½ 1530 (1600-1½)	NA	
C CIRCLING	1820-1¼ 1528 (1600-1¼)	1820-1½ 1528 (1600-1½)	NA	

ELEV 292 D TDZE 290



MIRL Rwy 4-22 L
REIL Rwy 4-22 L

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

LOC I-UEK	APP CRS	Rwy ldg	7401
109.1	062°	TDZE	944
		Apt Elev	955

ILS or LOC RWY 6
ELMIRA/CORNING RGNL (ELM)

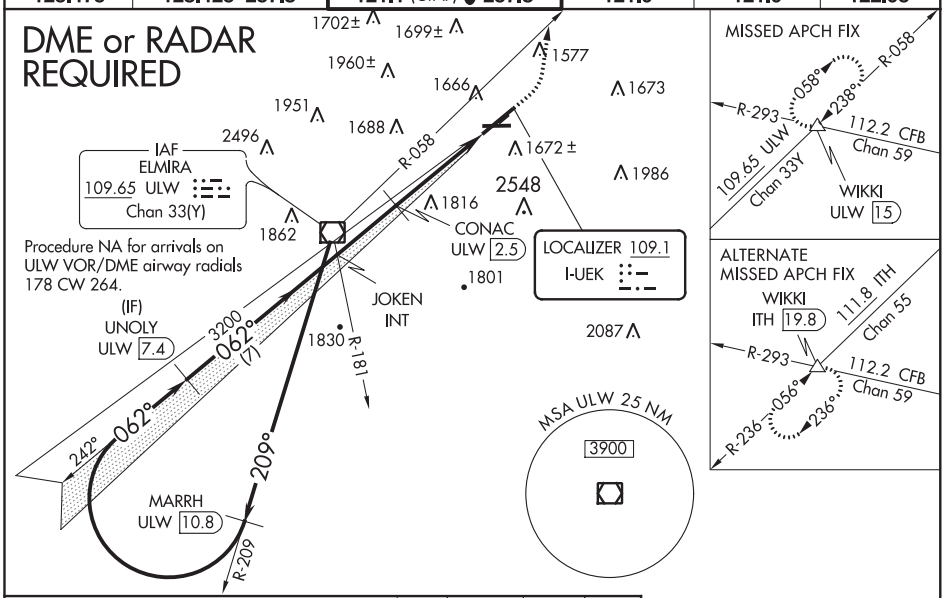
Night landing: Rwy 10 NA. Inop table does not apply to S-LOC 6 Cats A/C/D. When local altimeter setting not received, use Penn Yan altimeter setting and increase all DA 73 feet and all MDA 80, and increase S-LOC 6 Cat B and CONAC fix minimums S-LOC 6 Cats C/D visibility ½ mile; inop table does not apply to S-LOC 6 all Cats and CONAC fix minimums S-LOC 6 Cats C/D; for inop MALSR increase S-ILS 6 all Cats visibility to ⅞ mile. ** DME from ULW VOR/DME

-17°C

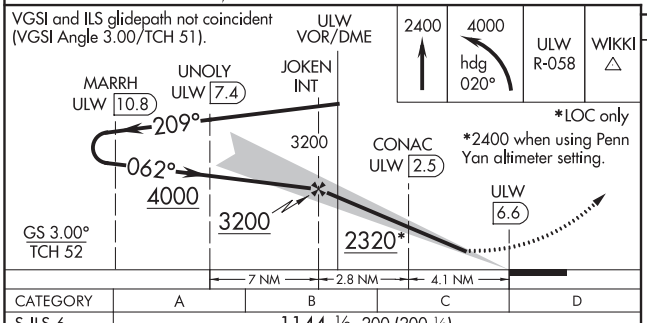
MALSR

MISSED APPROACH: Climb to 2400 then climbing left turn to 4000 on heading 020° and ULW VOR/DME R-058 to WIKKI INT/ULW 15 DME and hold, continue climb-in-hold to 4000.

ATIS	ELMIRA APP CON ★	ELMIRA TOWER ★	GND CON	CLNC DEL	UNICOM
125.475	128.425 257.8	121.1 (CTAF) L 257.8	121.9	121.9	122.95



VGSI and ILS glidepath not coincident (VGSI Angle 3.00/TCH 51).

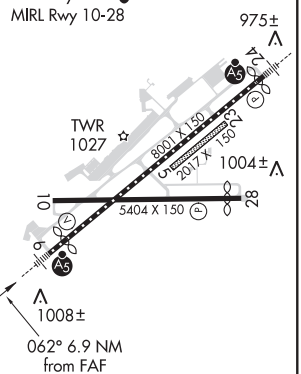


*LOC only

*2400 when using Penn Yan altimeter setting.

ELEV 955 D TDZE 944

HIRL Rwy 6-24 L
MIRL Rwy 10-28



CATEGORY	A	B	C	D
S-ILS 6	1144-½ 200 (200-½)			
S-LOC 6	2320-1¼ 1376 (1400-1¼)	2320-1 1376 (1400-1)	2320-3 1376 (1400-3)	
CIRCLING	2320-1¼ 1365 (1400-1¼)	2320-1½ 1365 (1400-1½)	2320-3 1365 (1400-3)	
CONAC FIX MINUMUMS**				
S-LOC 6	2020-¾ 1076 (1100-¾)	2020-1 1076 (1100-1)	2020-2½ 1076 (1100-2½)	
CIRCLING	2100-1¼ 1145 (1200-1¼)	2100-1½ 1145 (1200-1½)	2120-3 1165 (1200-3)	2160-3 1205 (1300-1)

FAF to MAP 6.9 NM

Knots	60	90	120	150	180
Min:Sec	6:54	4:36	3:27	2:46	2:18

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

ILS or LOC RWY 24
ELMIRA/CORNING RGNL (ELM)

LOC I-ELM	APP CRS	Rwy ldg	7799
109.1	242°	TDZE	955
		Apt Elev	955

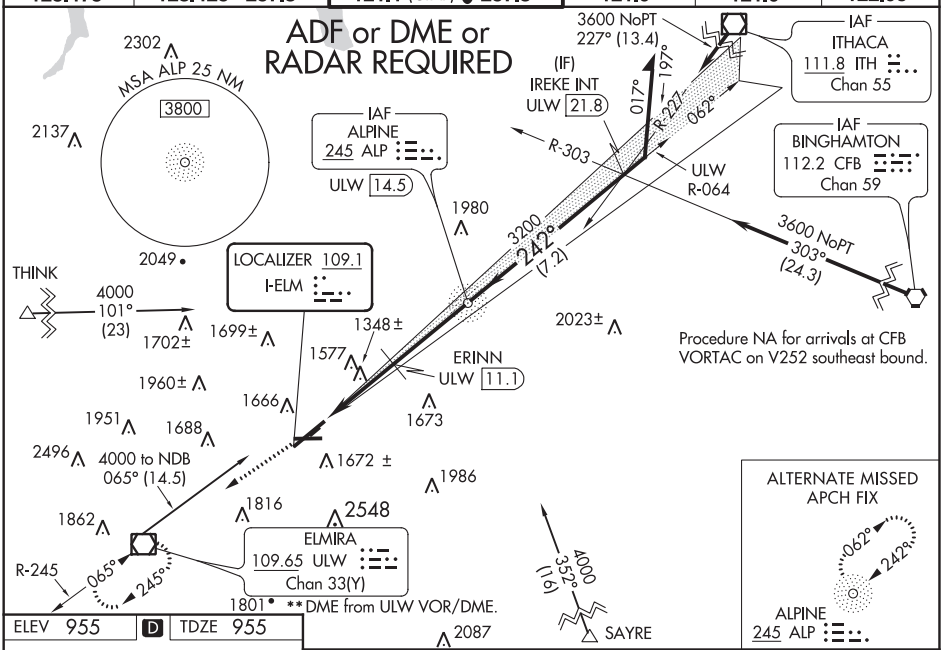
For inoperative MALSR, increase S-ILS Rwy 24 all Cats visibility to 1¼. When local altimeter setting not received, use Penn Yan altimeter setting and increase all DA 73 feet and all MDA 80 feet, and increase S-ILS 24 all Cats and ERINN fix minimums S-LOC 24 Cats C/D visibility ¼ mile and S-LOC 24 Cats A/C/D visibility ½ mile; inop table does not apply to S-LOC 24 Cats A/C/D; for inop MALSR, increase S-ILS 24 # all Cats visibility to ⅞ mile, increase S-ILS 24 all Cats visibility to 1½ mile. Circling Rwy 10 NA at night. #Missed approach requires a minimum climb of 260 feet per NM to 2300. #RVR 1800 authorized with use of FD or AP or HUD to DA, NA when using Penn Yan altimeter setting.

-17°C

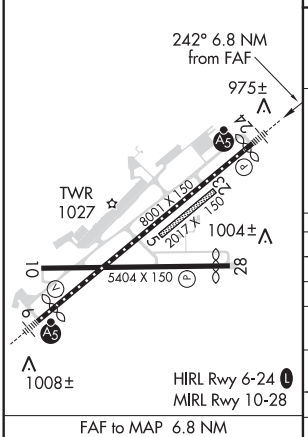
MALSR

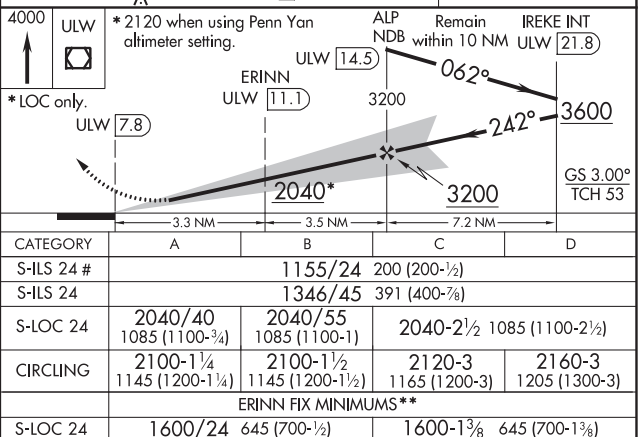
MISSED APPROACH: Climb to 4000 direct ULW VOR/DME and hold, continue climb-in-hold to 4000.

ATIS	ELMIRA APP CON *		ELMIRA TOWER*	GND CON	CLNC DEL	UNICOM
125.475	128.425	257.8	121.1 (CTAF) L 257.8	121.9	121.9	122.95



ELEV 955 D TDZE 955





CATEGORY	A	B	C	D
S-ILS 24 #	1155/24 200 (200-½)			
S-ILS 24	1346/45 391 (400-⅞)			
S-LOC 24	2040/40 1085 (1100-¾)	2040/55 1085 (1100-1)	2040-2½ 1085 (1100-2½)	
CIRCLING	2100-1¼ 1145 (1200-1¼)	2100-1½ 1145 (1200-1½)	2120-3 1165 (1200-3)	2160-3 1205 (1300-3)
	ERINN FIX MINIMUMS**			
S-LOC 24	1600/24 645 (700-½)		1600-1⅜ 645 (700-1⅜)	
CIRCLING	2100-1¼ 1145 (1200-1¼)	2100-1½ 1145 (1200-1½)	2120-3 1165 (1200-3)	2160-3 1205 (1300-3)

FAF to MAP 6.8 NM

Knots	60	90	120	150	180
Min:Sec	6:48	4:32	3:24	2:43	2:16

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

WAAS CH 42827 W06A	APP CRS 062°	Rwy ldg 7401 TDZE 944 Apt Elev 955

RNAV (GPS) RWY 6
ELMIRA/CORNING RGNL (ELM)

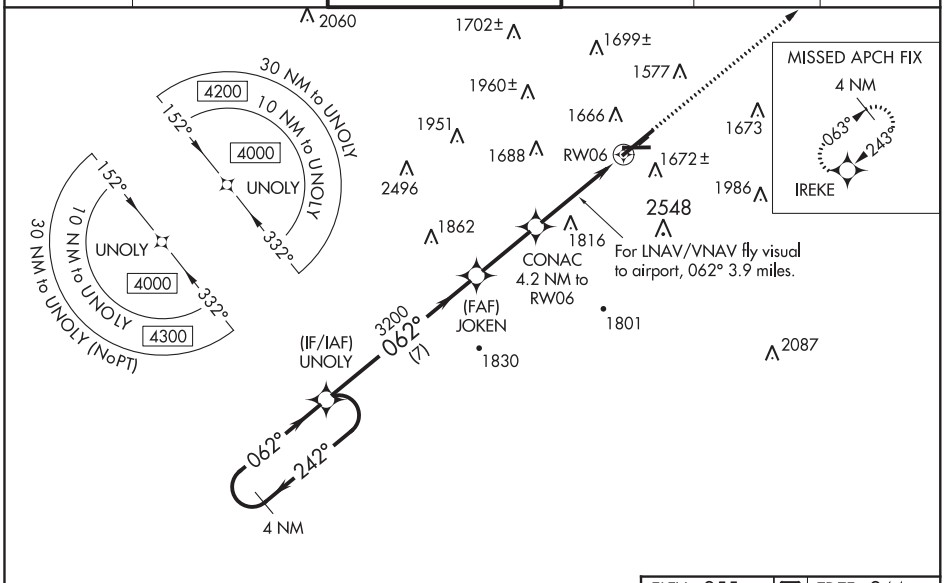
T
A
-17°C

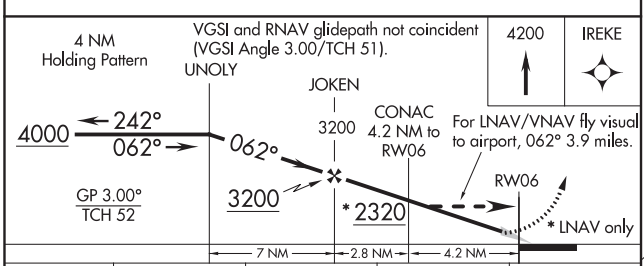
Night landing: Rwy 10 NA. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -16°C (4°F) or above 37°C (98°F). DME/DME RNP-0.3 NA. When local altimeter setting not received, LNAV/VNAV NA. When local altimeter setting not received, use Penn Yan altimeter setting and increase LPV DA 73 feet and all MDA 80 feet, and increase LNAV Cats A/C/D visibility ½ mile; inop table does not apply to LNAV Cats A/C/D; for inop MALSR, increase LPV all Cats visibility to ⅞.

MALSR A5

MISSED APPROACH: Climb to 4200 direct IREKE and hold.

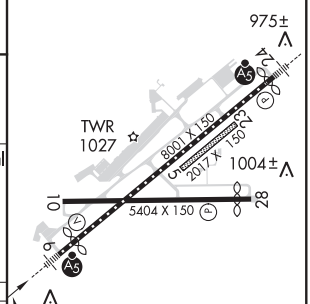
ATIS	ELMIRA APP CON ★		ELMIRA TOWER ★	GND CON	CLNC DEL	UNICOM
125.475	128.425	257.8	121.1 (CTAF) L 257.8	121.9	121.9	122.95





CATEGORY	A	B	C	D
LPV DA	1144-½ 200 (200-½)			
LNAV/VNAV DA	2234-3 1290 (1300-3)			
LNAV MDA	2040-¾ 1096 (1100-¾)	2040-1 1096 (1100-1)	2040-2½ 1096 (1100-2½)	
CIRCLING	2100-1¼ 1145 (1200-1¼)	2100-1½ 1145 (1200-1½)	2120-3 1165 (1200-3)	2160-3 1205 (1300-3)

ELEV 955 D TDZE 944



HIRL Rwy 6-24 L
MIRL Rwy 10-28

NE-2, 10 SEP 2020 to 05 NOV 2020
NE-2, 10 SEP 2020 to 05 NOV 2020

WAAS CH 70530 W10A	APP CRS 101°	Rwy ldg 5004 TDZE 942 Apt Elev 955

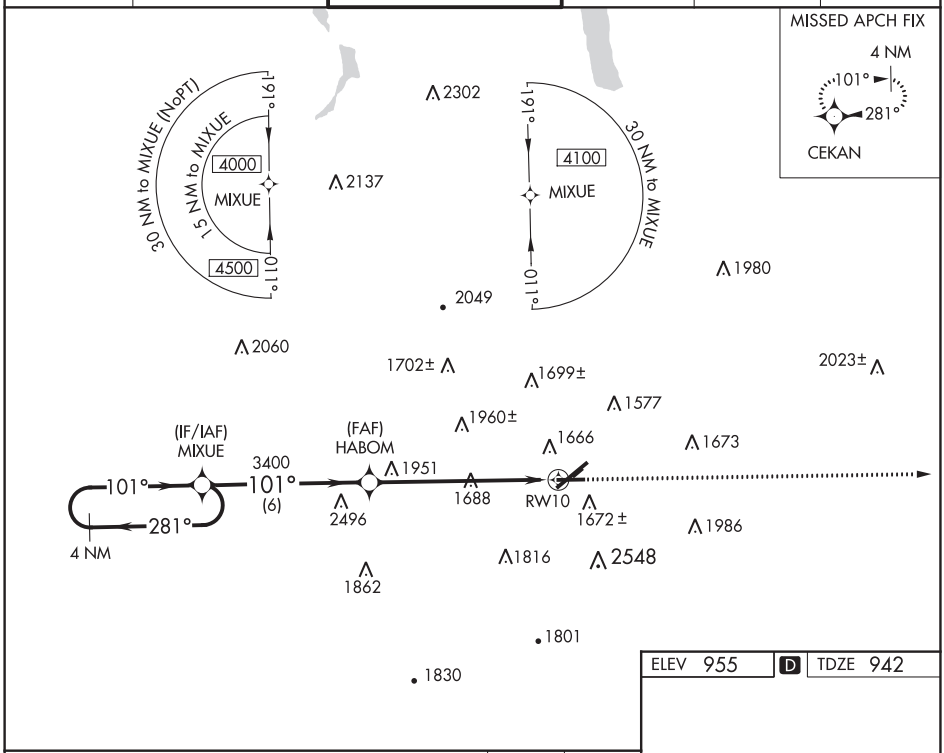
RNAV (GPS) RWY 10
ELMIRA/CORNING RGNL (ELM)

DME/DME RNP-0.3 NA. Helicopter visibility reduction below 1 SM NA. When local altimeter setting not received, use Penn Yan altimeter setting and increase all MDA 80 feet. Night landing: Rwy 10 NA.

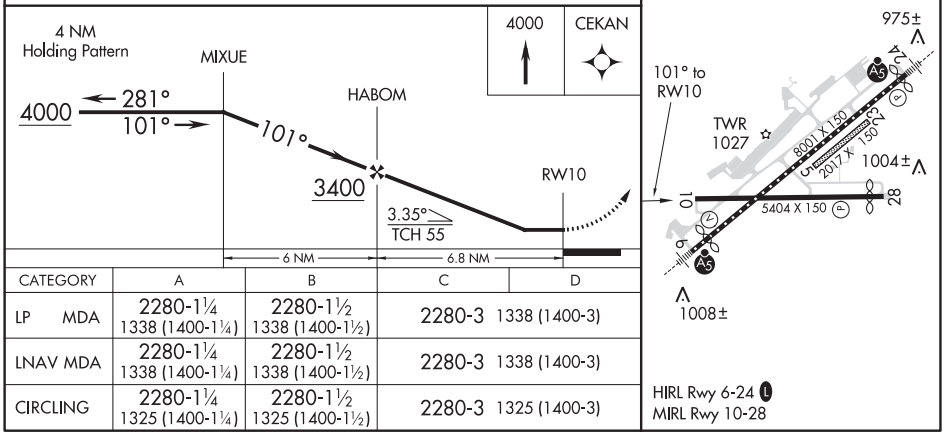
-17°C

MISSED APPROACH: Climb to 4000 direct CEKAN and hold.

ATIS	ELMIRA APP CON★	ELMIRA TOWER★	GND CON	CLNC DEL	UNICOM
125.475	128.425 257.8	121.1 (CTAF) L 257.8	121.9	121.9	122.95



ELEV 955 D TDZE 942



CATEGORY	A	B	C	D
LP MDA	2280-1¼ 1338 (1400-1¼)	2280-1½ 1338 (1400-1½)	2280-3 1338 (1400-3)	
LNAV MDA	2280-1¼ 1338 (1400-1¼)	2280-1½ 1338 (1400-1½)	2280-3 1338 (1400-3)	
CIRCLING	2280-1¼ 1325 (1400-1¼)	2280-1½ 1325 (1400-1½)	2280-3 1325 (1400-3)	

NE-2, 10 SEP 2020 to 05 NOV 2020

WAAS CH 99527 W24A	APP CRS 242°	Rwy ldg 7799 TDZE 955 Apt Elev 955

RNAV (GPS) RWY 24
ELMIRA/CORNING RGNL (ELM)

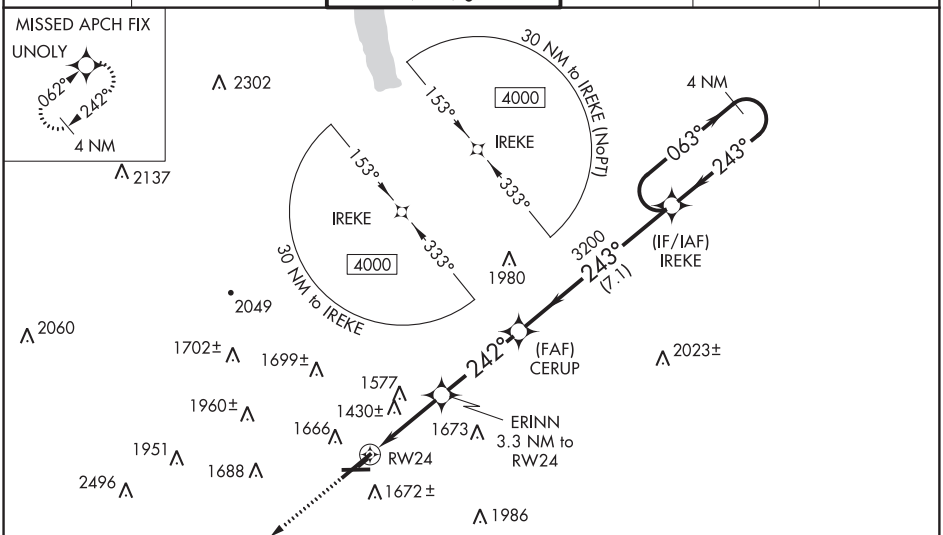
T A -17°C

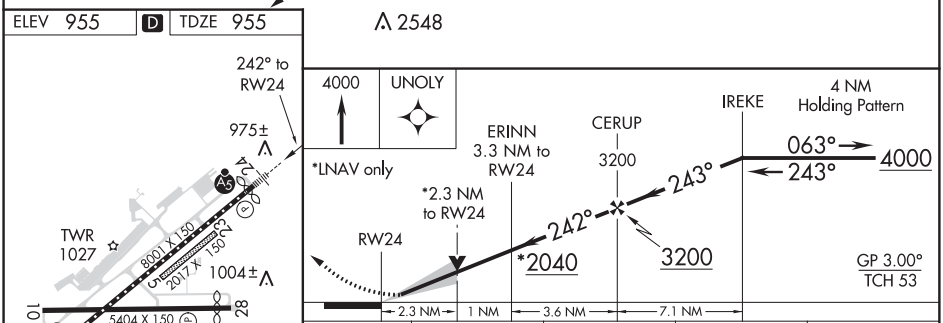
Circling Rwy 10 NA at night. DME/DME RNP-0.3 NA. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -20°C (-4°F) or above 54°C (130°F). When local altimeter setting not received, use Penn Yan altimeter setting and increase all DA 73 feet and all MDA 80, and increase LPV all Cats and LNAV Cats C/D visibility ¼ mile and LNAV/VNAV all Cats visibility 1½ mile; inop table does not apply to LNAV/VNAV all Cats; for inop MALSR, increase LPV DA** all Cats visibility to ⅞ and LPV all Cats visibility to 1½. Baro-VNAV and VDP NA when using Penn Yan altimeter setting. For inop MALSR, increase LNAV Cats C/D visibility to 2½ mile. ** Missed approach requires a minimum climb of 260 feet per NM to 2300. **RVR 1800 authorized with use of FD or AP or HUD to DA, NA when using Penn Yan altimeter setting.

MALSR A5

MISSED APPROACH: Climb to 4000 direct UNOLY and hold.

ATIS	ELMIRA APP CON ★	ELMIRA TOWER ★	GND CON	CLNC DEL	UNICOM
125.475	128.425 257.8	121.1 (CTAF) L 257.8	121.9	121.9	122.95





HIRL Rwy 6-24 L
MIRL Rwy 10-28

CATEGORY	A	B	C	D
LPV DA**	1155/24 200 (200-½)			
LPV DA	1348/45 393 (400-⅞)			
LNAV/VNAV DA	1807-2½ 852 (900-2½)			
LNAV MDA	1740/24 785 (800-½)	1740/40 785 (800-¾)	1740-1¾ 785 (800-1¾)	
CIRCLING	2100-1¼ 1145 (1200-1¼)	2100-1½ 1145 (1200-1½)	2120-3 1165 (1200-3)	2160-3 1205 (1300-3)

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

RNAV (GPS) RWY 28
ELMIRA/CORNING RGNL (ELM)

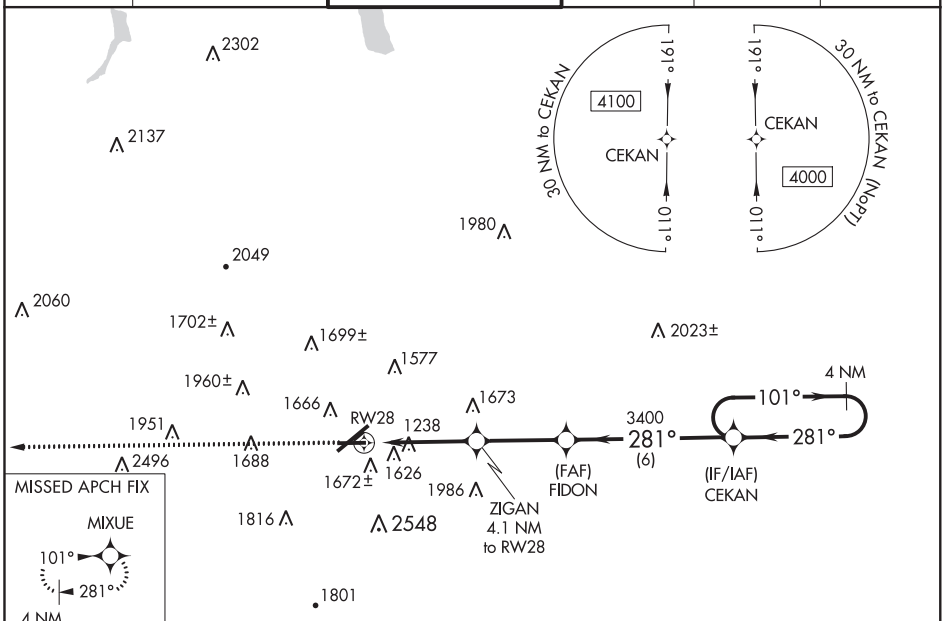
WAAS CH 77730 W28A	APP CRS 281°	Rwy ldg 5002 TDZE 944 Apt Elev 955

T
A
-17°C

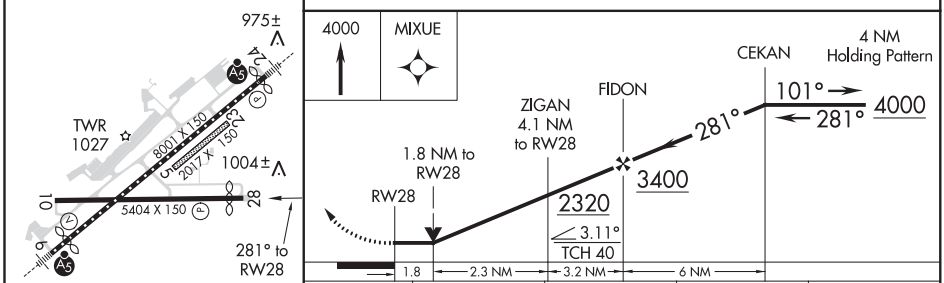
Circling to Rwy 10 NA at night. DME/DME RNP-0.3 NA. Helicopter visibility reduction below ¾ SM NA. When local altimeter not received, use Penn Yan altimeter setting and increase all MDA 80 feet and LP Cat C/D visibility ⅛ mile, LNAV Cat B visibility ¼ mile, and LNAV Cat C/D visibility ½ mile.

MISSED APPROACH: Climb to 4000 direct MIXUE and hold.

ATIS	ELMIRA APP CON ★	ELMIRA TOWER ★	GND CON	CLNC DEL	UNICOM
125.475	128.425 257.8	121.1 (CTAF) L 257.8	121.9	121.9	122.95



ELEV 955 D TDZE 944

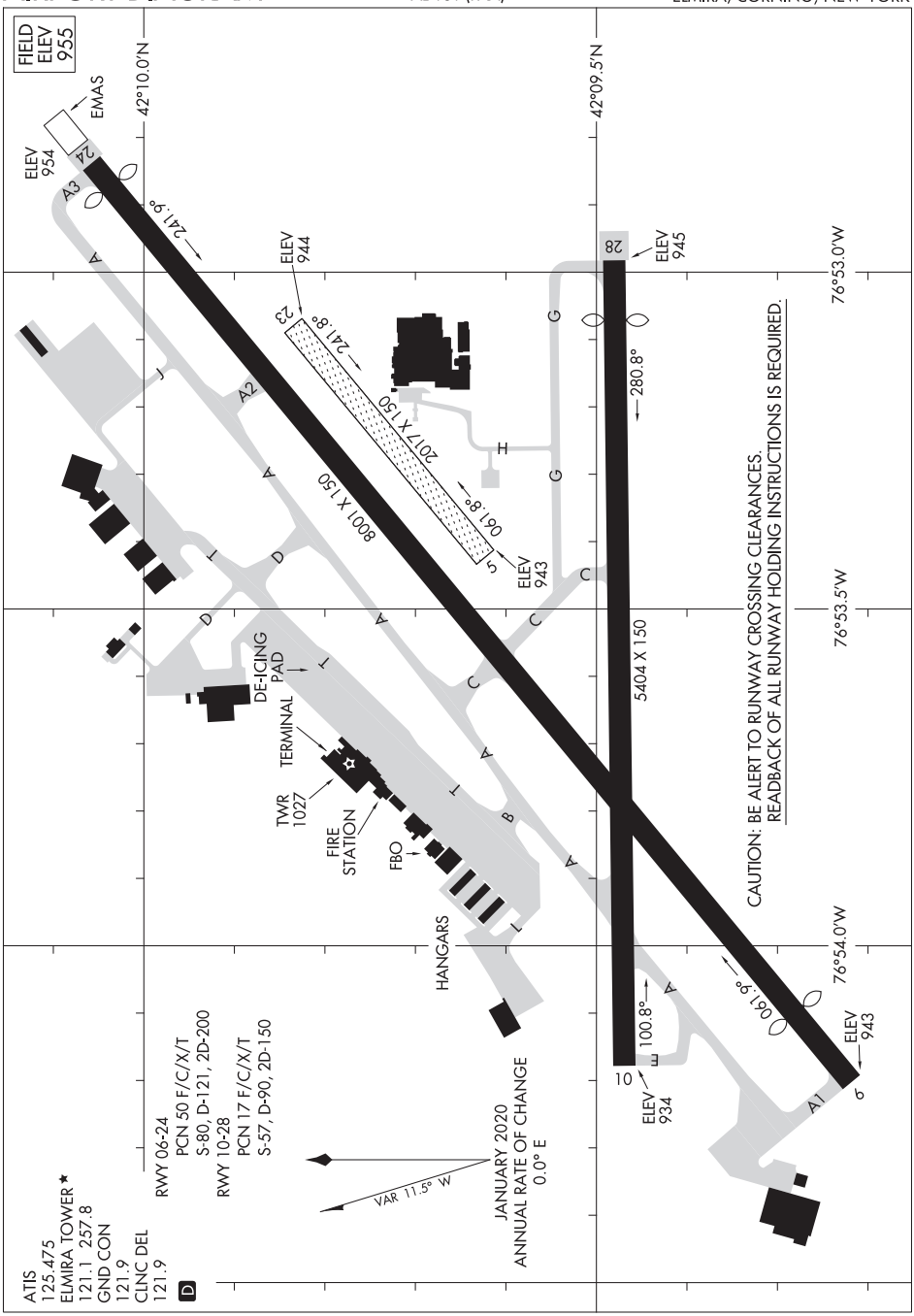


CATEGORY	A	B	C	D
LP MDA	1540-1 596 (600-1)		1540-1¾ 596 (600-1¾)	
LNAV MDA	1880-1¼ 936 (1000-1¼)		1880-2½ 936 (1000-2½)	
CIRCLING	2100-1¼ 1145 (1200-1¼)	2100-1½ 1145 (1200-1½)	2120-3 1165 (1200-3)	2160-3 1205 (1300-3)

HIRL Rwy 6-24 L
MIRL Rwy 10-28

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020



NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

ENDICOTT, NEW YORK AL-5543 (FAA) 20198

RNAV (GPS) RWY 3
TRI-CITIES (CZG)

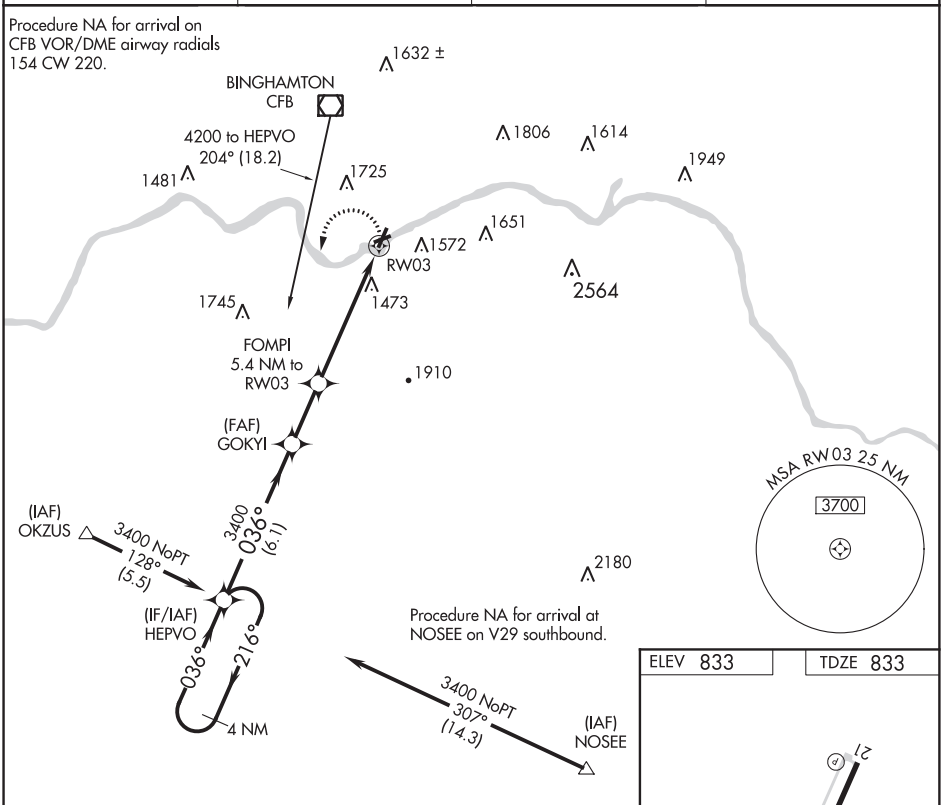
APP CRS	Rwy ldg	3900
036°	TDZE	833
	Apt Elev	833

NA
-17°C

DME/DME RNP-0.3 NA. Procedure NA at night.
Rwy 3 helicopter visibility reduction below 1 SM NA.

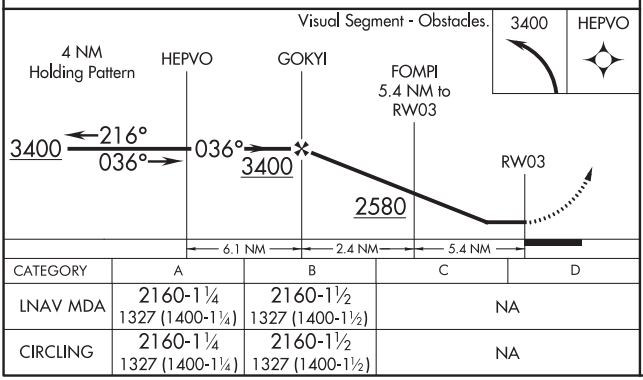
MISSED APPROACH: Climbing left turn to 3400 direct HEPVO and hold.

AWOS-3	BINGHAMTON APP CON ★	CLNC DEL	UNICOM
119.075	118.6 257.625	121.7	122.8 (CTAF) L



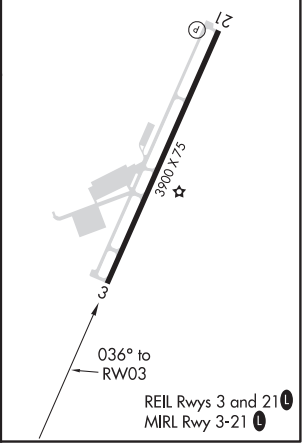
NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020



CATEGORY	A	B	C	D
LNAV MDA	2160-1¼ 1327 (1400-1¼)	2160-1½ 1327 (1400-1½)	NA	
CIRCLING	2160-1¼ 1327 (1400-1¼)	2160-1½ 1327 (1400-1½)	NA	

ELEV 833 TDZE 833



REIL Rwys 3 and 21 L
MIRL Rwy 3-21 L

RNAV (GPS) RWY 21
TRI-CITIES (CZG)

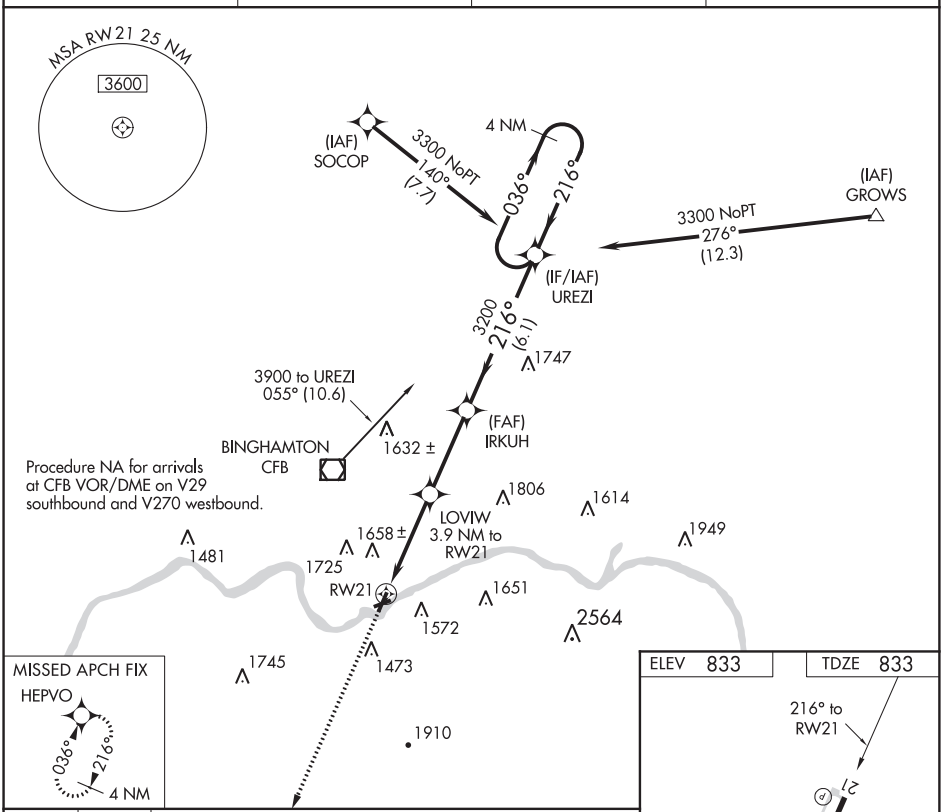
APP CRS	Rwy ldg	3900
216°	TDZE	833
	Apt Elev	833

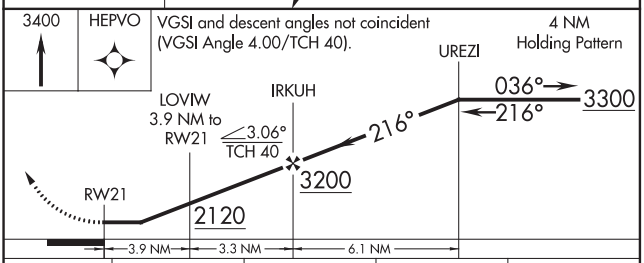
T
A NA
-17°C

DME/DME RNP-0.3 NA.
Procedure NA at night.
Rwy 21 helicopter visibility reduction below 1 SM NA.

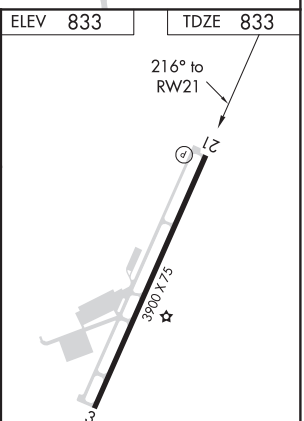
MISSED APPROACH: Climb to 3400 direct HEPVO and hold.

AWOS-3	BINGHAMTON APP CON ★	CLNC DEL	UNICOM
119.075	118.6 257.625	121.7	122.8 (CTAF) L





CATEGORY	A	B	C	D
LNAV MDA	1780-1¼ 947 (1000-1¼)		NA	
CIRCLING	1940-1¼ 1107 (1200-1¼)	1960-1½ 1127 (1200-1½)	NA	



REIL Rwys 3 and 21 L
MIRL Rwy 3-21 L

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

ENDICOTT, NEW YORK

AL-5543 (FAA)

20198

VOR-A

TRI-CITIES (CZG)

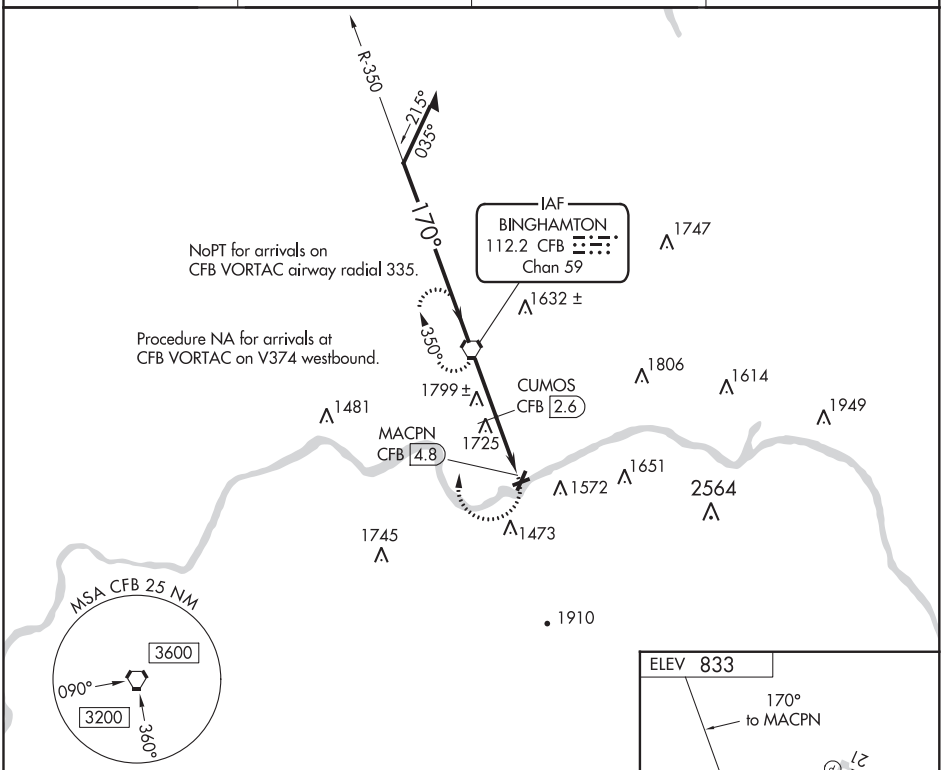
VORTAC CFB 112.2 Chan 59	APP CRS 170°	Rwy ldg N/A TDZE N/A Apt Elev 833

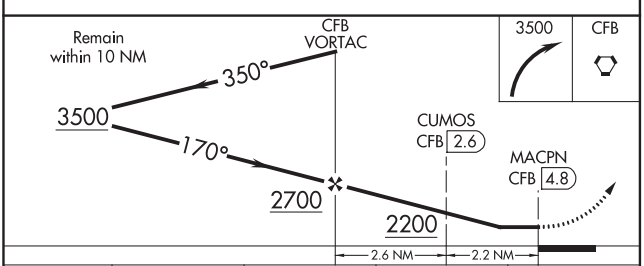
NA
-17°C

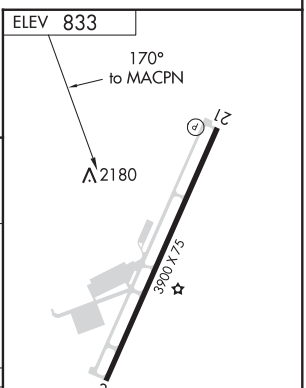
Visibility reduction by helicopters NA. Procedure NA at night. When local altimeter setting not received, use Binghamton altimeter and increase all MDA 140 feet.

MISSED APPROACH: Climbing right turn to 3500 direct CFB VORTAC and hold.

AWOS-3	BINGHAMTON APP CON★	CLNC DEL	UNICOM
119.075	118.6 257.625	121.7	122.8 (CTAF) L







REIL Rwys 3 and 21 L
MIRL Rwy 3-21 L

CATEGORY	A	B	C	D
CIRCLING	2200-1¼ 1367 (1400-1¼)	2200-1½ 1367 (1400-1½)	NA	
CUMOS FIX MINIMUMS				
CIRCLING	2000-1¼ 1167 (1200-1¼)	2000-1½ 1167 (1200-1½)	NA	

FAF to MAP 4.8 NM

Knots	60	90	120	150	180
Min:Sec	4:48	3:12	2:24	1:55	1:36

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

LOC I-FRG	APP CRS	Rwy ldg	6157
111.9	146°	TDZE	77
		Apt Elev	80

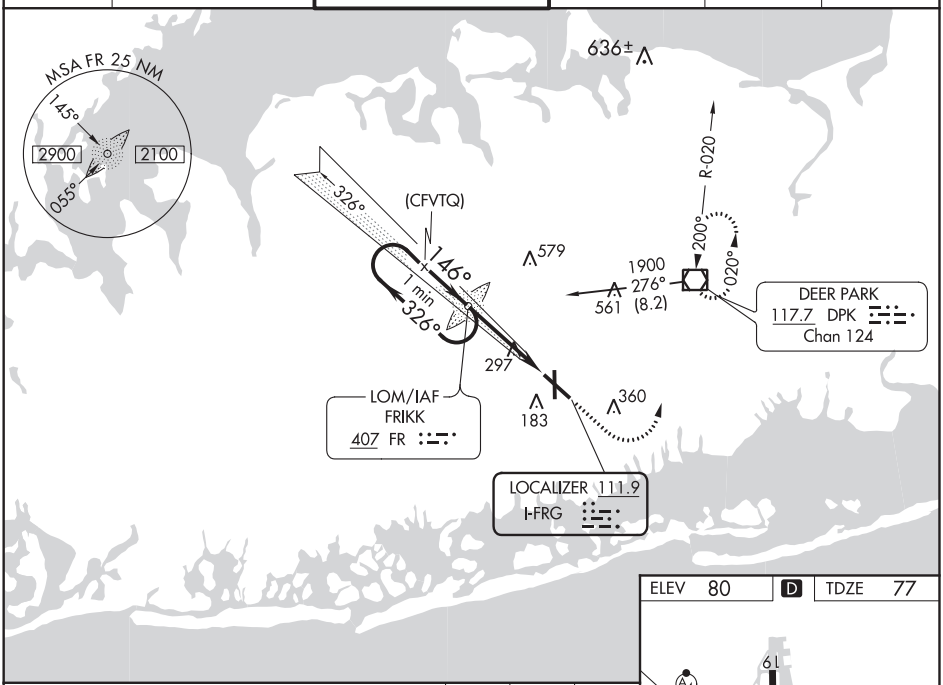
ILS or LOC RWY 14
REPUBLIC (FRG)

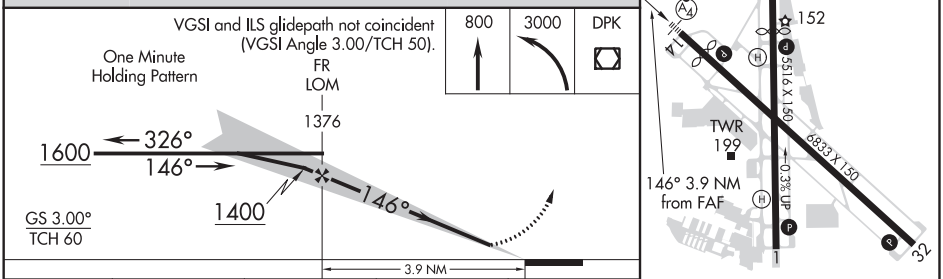
Inop table does not apply to S-ILS 14. For inop MALSR, increase S-LOC 14 Cats A/B visibility to 1, Cats C/D visibility to 1⅜. Autopilot coupled approach NA below 310. When local altimeter setting not received, use Islip altimeter setting: increase S-ILS 14 DA to 314; increase all MDA 40 feet and Circling Cats C/D visibility ¼ mile; inop table does not apply to S-ILS 14 all Cats; for inop MALSR, increase S-LOC 14 Cats A/B visibility to 1.

MALSF

MISSED APPROACH: Climb to 800 then climbing left turn to 3000 direct DPKVOR/DME and hold, continue climb-in-hold to 3000.

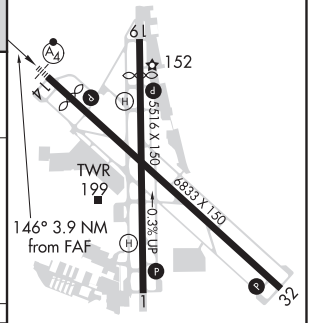
ATIS	NEW YORK APP CON	REPUBLIC TOWER ★	GND CON	CLNC DEL	UNICOM
126.65	128.125 269.0	118.8 (CTAF) L 279.65	121.6 269.6	128.25	122.95





CATEGORY	A	B	C	D
S-ILS 14	277-¾ 200 (200-¾)			
S-LOC 14	560-¾ 483 (500-¾)		560-1 483 (500-1)	
CIRCLING	560-1 480 (500-1)	600-1 520 (600-1)	720-1¾ 640 (700-1¾)	720-2 640 (700-2)

ELEV 80 D TDZE 77



MIRL Rwy 1-19 L
HIRL Rwy 14-32 L
REIL Rwys 1, 19, and 32 L

FAF to MAP 3.9 NM					
Knots	60	90	120	150	180
Min:Sec	3:54	2:36	1:57	1:34	1:18

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

FARMINGDALE, NEW YORK — AL-704 (FAA) — 19339

RNAV (RNP) Z RWY 14

REPUBLIC (FRG)

APP CRS	Rwy ldg	6157
146°	TDZE	77
	Apt Elev	81

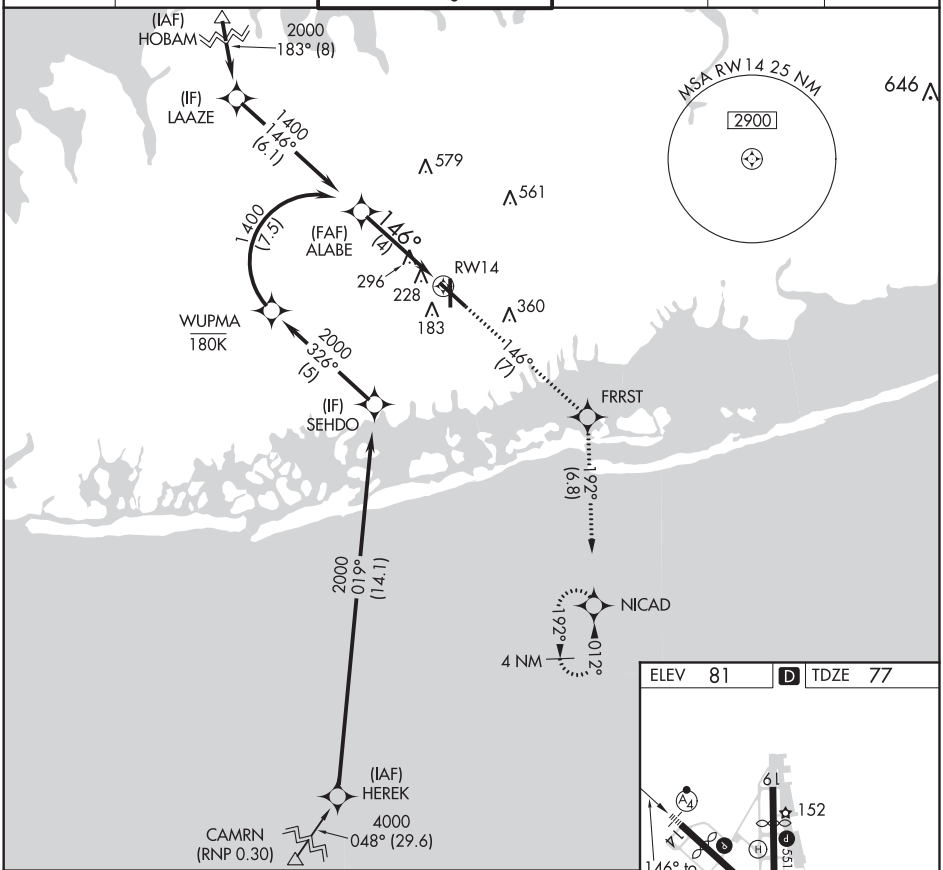
RNP AR APCH. RF required from HEREK.

For uncompensated Baro-VNAV systems, procedure NA below -12°C or above 48°C. For inop ALS, increase all Cats visibility to 1⅜ SM.

MALSF

MISSED APPROACH: Climb to 2000 on track 146° to FRRST and on track 192° to NICAD and hold.

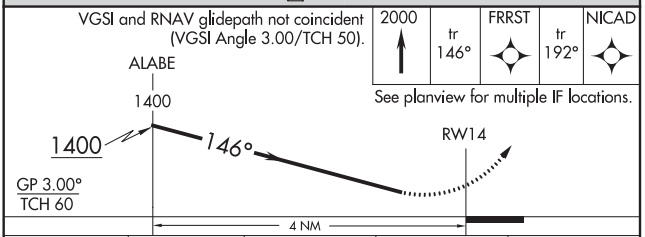
ATIS	NEW YORK APP CON	REPUBLIC TOWER ★	GND CON	CLNC DEL	UNICOM
126.65	128.125 269.0	118.8 (CTAF) L 279.65	121.6 269.6	128.25	122.95



VGSI and RNAV glidepath not coincident (VGSI Angle 3.00/TCH 50).

2000	tr 146°	FRRST	tr 192°	NICAD

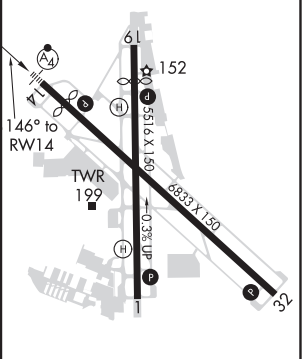
See planview for multiple IF locations.



CATEGORY	A	B	C	D
RNP 0.30 DA	502- ⅞ 425 (500-⅞)			

AUTHORIZATION REQUIRED

ELEV 81 D TDZE 77



MIRL Rwy 1-19 L
HIRL Rwy 14-32 L
REIL Rwys 1, 19, and 32 L

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

FARMINGDALE, NEW YORK — REPUBLIC (FRG)

Orig-B 28MAR19 — 40°44'N-73°25'W

RNAV (RNP) Z RWY 14

RNAV (GPS) RWY 1
REPUBLIC (FRG)

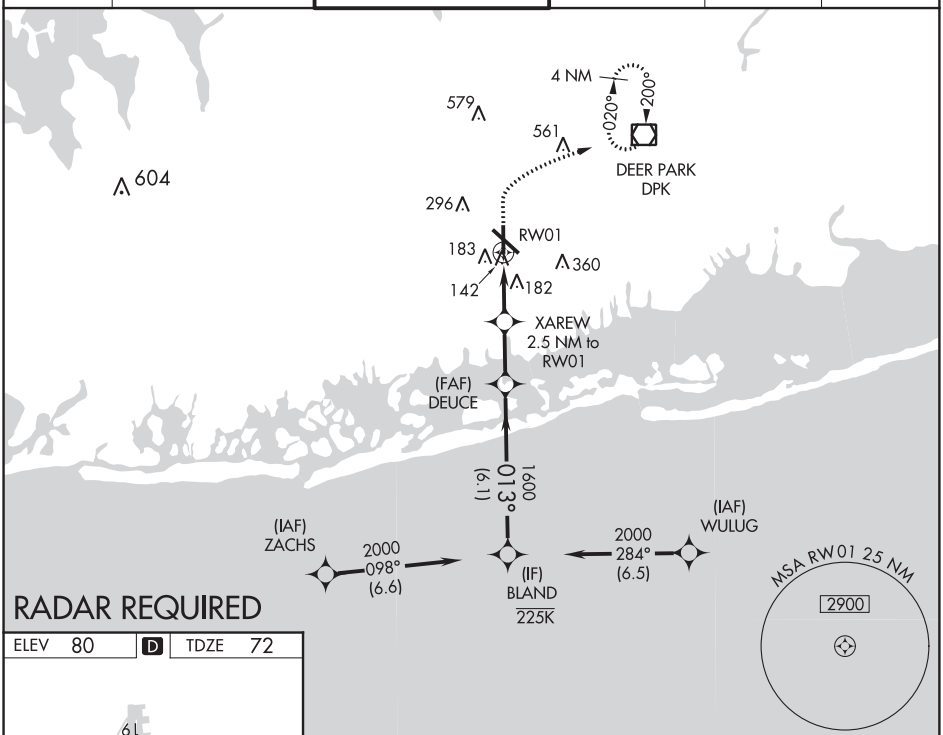
WAAS CH 82524 W01A	APP CRS 013°	Rwy ldg 5516 TDZE 72 Apt Elev 80

RNP APCH.

When local altimeter setting not received, use Islip altimeter setting and increase all MDA 40 feet and LNAV Cats C/D visibility ⅛ SM and Circling Cats C/D visibility ¼ SM. Rwy 1 helicopter visibility reduction below 1 SM NA.

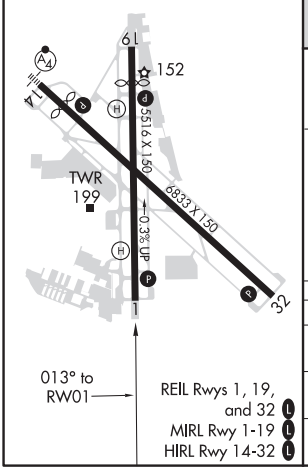
MISSED APPROACH: (Max 190K) Climb to 2000 then climbing right turn to 3000 direct DPK VOR/DME and hold.

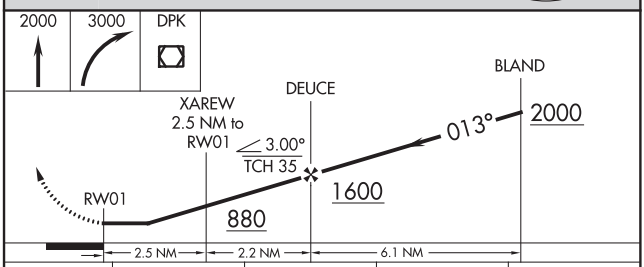
ATIS	NEW YORK APP CON	REPUBLIC TOWER ★	GND CON	CLNC DEL	UNICOM
126.65	128.125 269.0	118.8 (CTAF) (L) 279.65	121.6 269.6	128.25	122.95



RADAR REQUIRED

ELEV 80 | D | TDZE 72





CATEGORY	A	B	C	D
LP MDA	400-1 328 (400-1)			
LNAV MDA	460-1 388 (400-1)		460-1⅛ 388 (400-1⅛)	
CIRCLING	560-1 480 (500-1)	600-1 520 (600-1)	720-1¾ 640 (700-1¾)	720-2 640 (700-2)

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

FARMINGDALE, NEW YORK — AL-704 (FAA) — 19339

WAAS CH 81924 W19A	APP CRS 193°	Rwy ldg 4727 TDZE 81 Apt Elev 81

RNAV (GPS) RWY 19

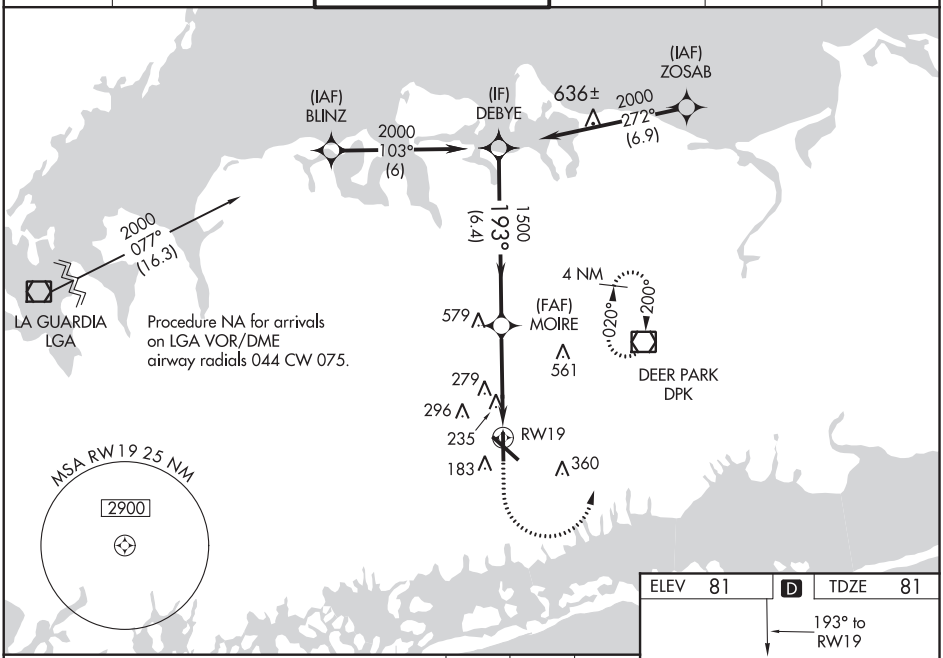
REPUBLIC (FRG)

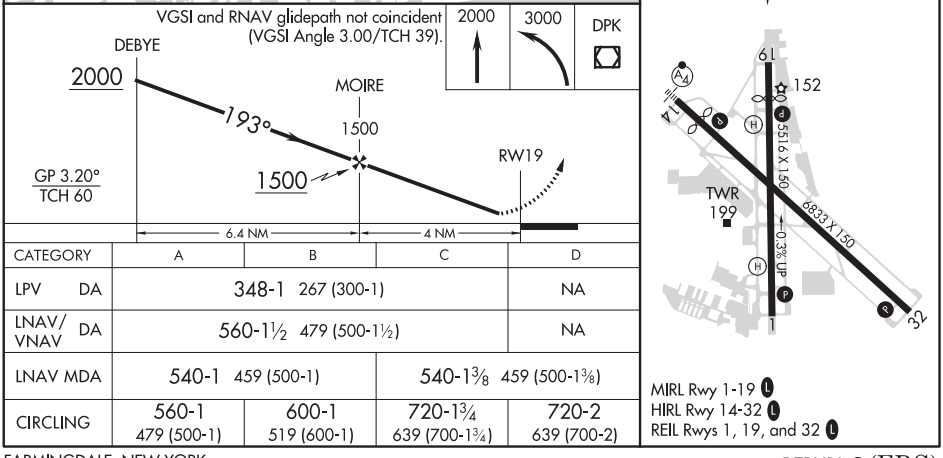
RADAR required for procedure entry at ZOSAB.

Baro-VNAV NA when using Islip altimeter setting. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -15°C or above 54°C. Rwy 19 helicopter visibility reduction below 1 SM NA. When local altimeter setting not received, use Islip altimeter setting and increase all DA 37 feet and all MDA 40 feet; increase LNAV/VNAV all Cats visibility ⅛ SM and Circling Cats C/D visibility ¼ SM.

MISSED APPROACH: Climb to 2000 then climbing left turn to 3000 direct DPK VOR/DME and hold.

ATIS	NEW YORK APP CON	REPUBLIC TOWER ★	GND CON	CLNC DEL	UNICOM
126.65	128.125 269.0	118.8 (CTAF) L 279.65	121.6 269.6	128.25	122.95





CATEGORY	A	B	C	D
LPV DA	348-1 267 (300-1)			NA
LNAV/VNAV DA	560-1½ 479 (500-1½)			NA
LNAV MDA	540-1 459 (500-1)		540-1⅜ 459 (500-1⅜)	
CIRCLING	560-1 479 (500-1)	600-1 519 (600-1)	720-1¾ 639 (700-1¾)	720-2 639 (700-2)

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

WAAS CH 70715 W32A	APP CRS 326°	Rwy ldg 6833 TDZE 68 Apt Elev 81

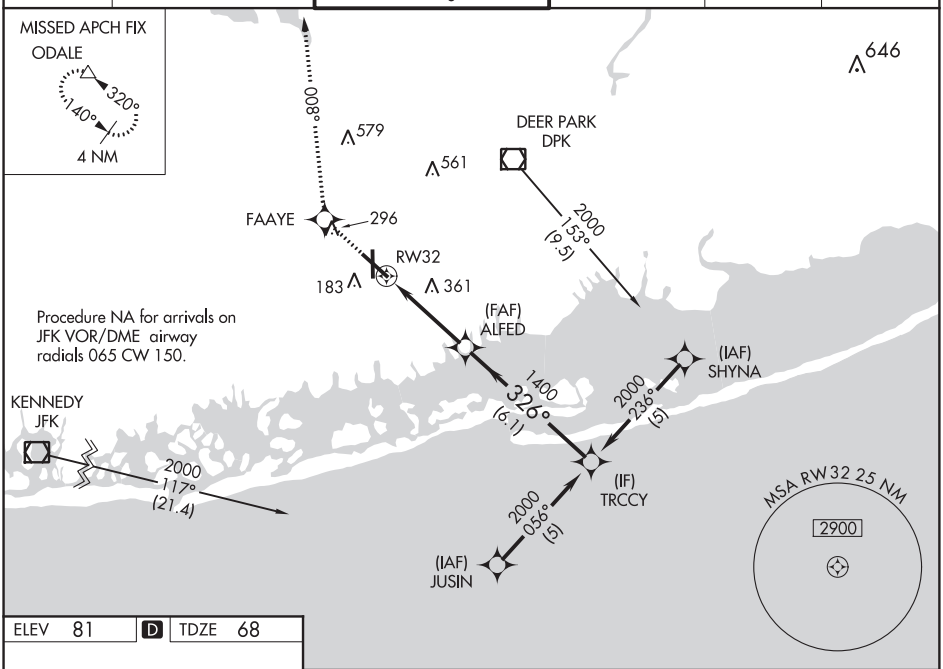
RNAV (GPS) RWY 32
REPUBLIC (FRG)

RNP APCH.

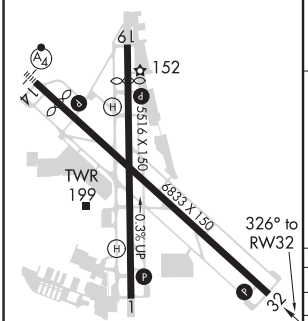
Baro-VNAV NA when using Islip altimeter setting. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -15°C or above 38°C. Rwy 32 helicopter visibility reduction below 1 SM NA. When local altimeter setting not received, use Islip altimeter setting and increase all DA 37 feet and all MDA 40 feet; increase LNAV/VNAV all Cats and Circling Cat C and D visibility ¼ mile. VDP NA when using Islip altimeter setting.

MISSED APPROACH: Climb to 3000 direct FAAYE and on track 008° to ODALE and hold.

ATIS	NEW YORK APP CON	REPUBLIC TOWER ★	GND CON	CLNC DEL	UNICOM
126.65	128.125 269.0	118.8 (CTAF) L 279.65	121.6 269.6	128.25	122.95



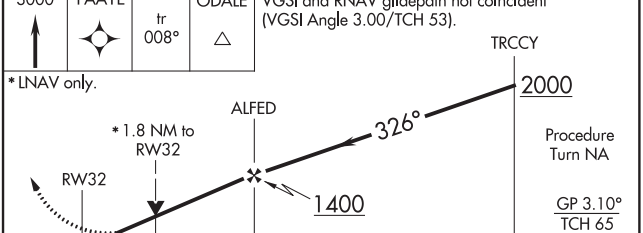
ELEV 81 D TDZE 68



REIL Rwys 1, 19, and 32 L
MIRL Rwy 1-19 L
HIRL Rwy 14-32 L

3000	FAAYE	tr 008°	ODALE

VGSI and RNAV glidepath not coincident (VGSI Angle 3.00/TCH 53).



* LNAV only.

CATEGORY	A	B	C	D
LPV DA	369-1 301 (300-1)			
LNAV/VNAV DA	761-2¼ 693 (700-2¼)			
LNAV MDA	680-1 612 (600-1)		680-1¾ 612 (600-1¾)	680-2 612 (600-2)
CIRCLING	680-1 599 (600-1)		720-1¾ 639 (700-1¾)	720-2 639 (700-2)

NE-2, 10 SEP 2020 to 05 NOV 2020
NE-2, 10 SEP 2020 to 05 NOV 2020

FARMINGDALE, NEW YORK — AL-704 (FAA) — 19339

WAAS CH 69612 W14A	APP CRS 146°	Rwy ldg 6157 TDZE 77 Apt Elev 80

RNAV (GPS) Y RWY 14

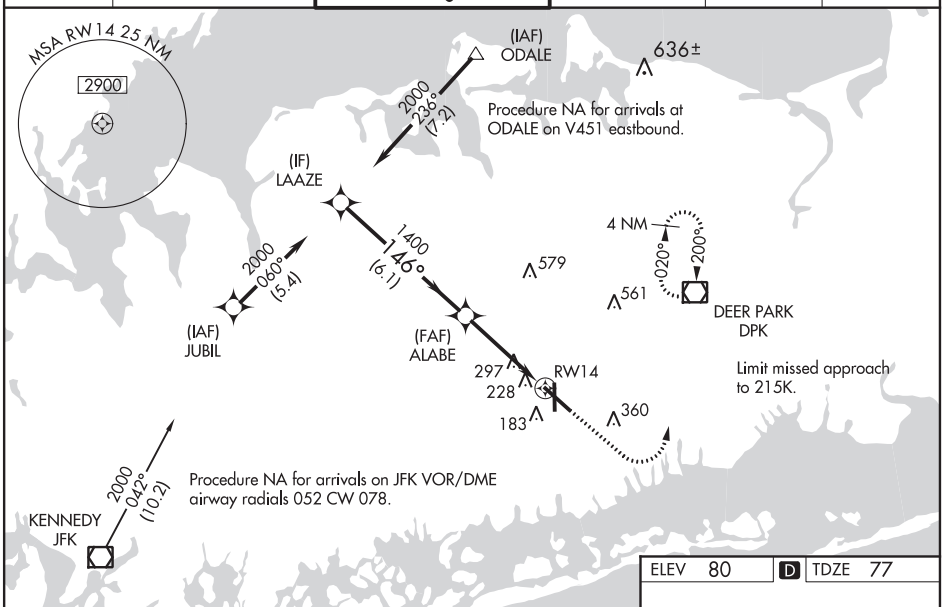
REPUBLIC (FRG)

Inop table does not apply to LPV. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -15°C (5°F) or above 54°C (130°F). DME/DME RNP-0.3 NA. For inop MALSR: increase LNAV/VNAV all Cats visibility to 1; LNAV Cats A/B visibility to 1; LNAV Cats C/D visibility to 1⅜. Baro-VNAV and VDP NA when using Islip altimeter setting. When local altimeter setting not received, use Islip altimeter setting: increase LPV all Cats DA to 314; increase LNAV/ VNAV all Cats DA to 426; increase all MDA 40 feet and Circling Cats C/D visibility ¼ mile; inop table does not apply to LPV; for inop MALSR increase LNAV/VNAV all Cats visibility to 1⅛ and LNAV Cats A/B visibility to 1.

MALSF

MISSED APPROACH: Climb to 1800 then climbing left turn to 3000 direct DPK VOR/DME and hold, continue climb-in-hold to 3000.

ATIS	NEW YORK APP CON	REPUBLIC TOWER ★	GND CON	CLNC DEL	UNICOM
126.65	128.125 269.0	118.8 (CTAF) L 279.65	121.6 269.6	128.25	122.95

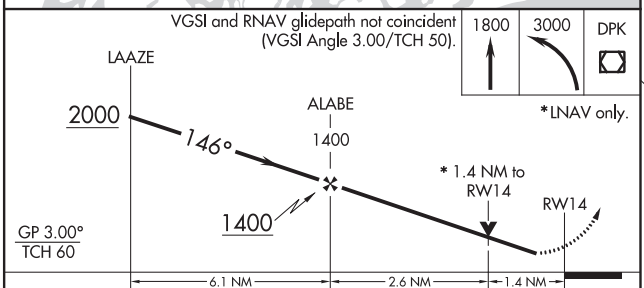


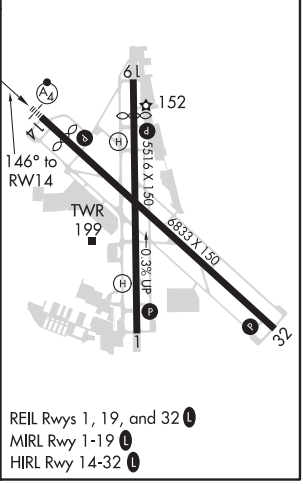
NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

ELEV 80 | D | TDZE 77

VGSI and RNAV glidepath not coincident (VGSI Angle 3.00/TCH 50).





CATEGORY	A	B	C	D
LPV DA	277-¾ 200 (200-¾)			
LNAV/ VNAV DA	389- ¾ 312 (400-¾)			
LNAV MDA	560-¾ 483 (500-¾)		560-1 483 (500-1)	
CIRCLING	560-1 480 (500-1)	600-1 520 (600-1)	720-1¾ 640 (700-1¾)	720-2 640 (700-2)

REIL Rwys 1, 19, and 32 L
MIRL Rwy 1-19 L
HIRL Rwy 14-32 L

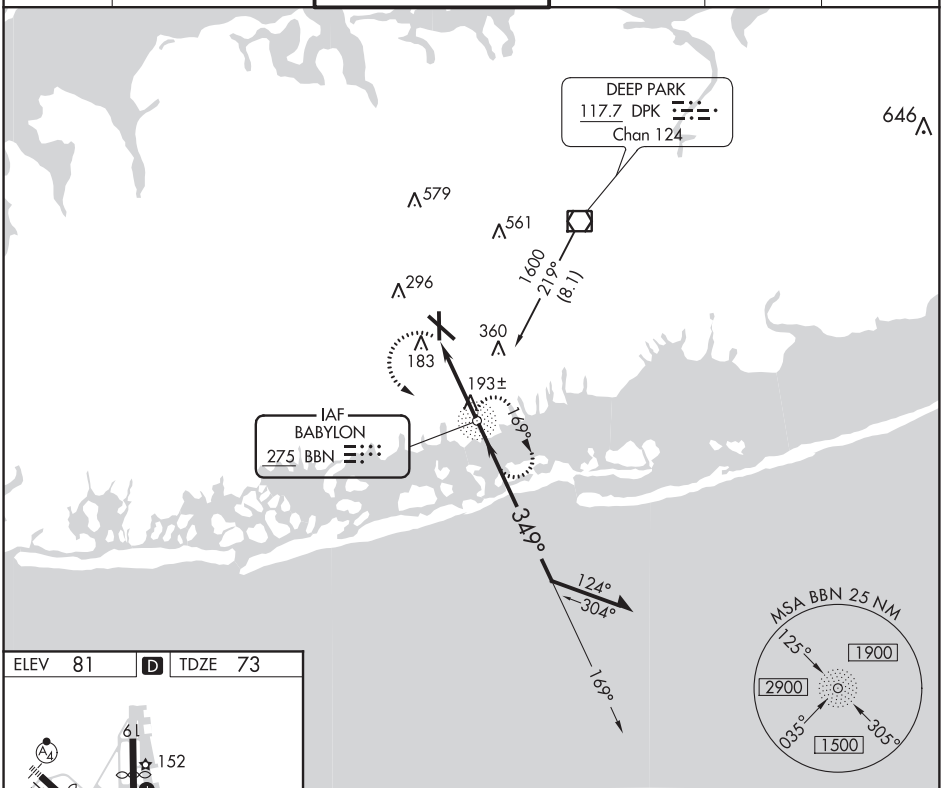
NDB BBN	APP CRS	Rwy ldg	5516
275	349°	TDZE	73
		Apt Elev	81

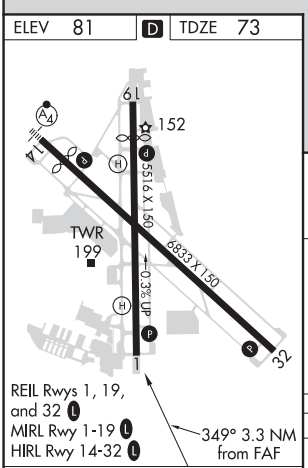
NDB RWY 1
REPUBLIC (FRG)

Rwy 1 helicopter visibility reduction below 1 SM NA.

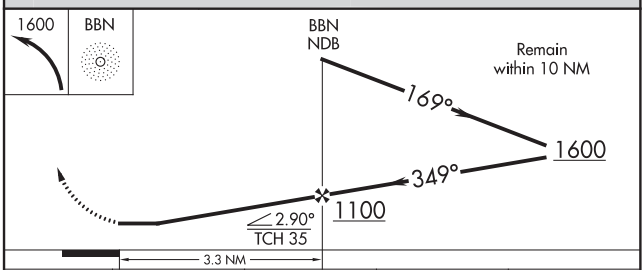
MISSED APPROACH: Climbing left turn to 1600 direct BBN NDB and hold.

ATIS	NEW YORK APP CON	REPUBLIC TOWER ★	GND CON	CLNC DEL	UNICOM
126.65	128.125 269.0	118.8 (CTAF) L 279.65	121.6 269.6	128.25	122.95





FAF to MAP 3.3 NM					
Knots	60	90	120	150	180
Min:Sec	3:18	2:12	1:39	1:19	1:06



CATEGORY	A	B	C	D
S-1	540-1 467 (500-1)		540-1¼ 467 (500-1¼)	540-1½ 467 (500-1½)
CIRCLING	560-1 479 (500-1)	600-1 519 (600-1)	720-1¾ 639 (700-1¾)	720-2 639 (700-2)

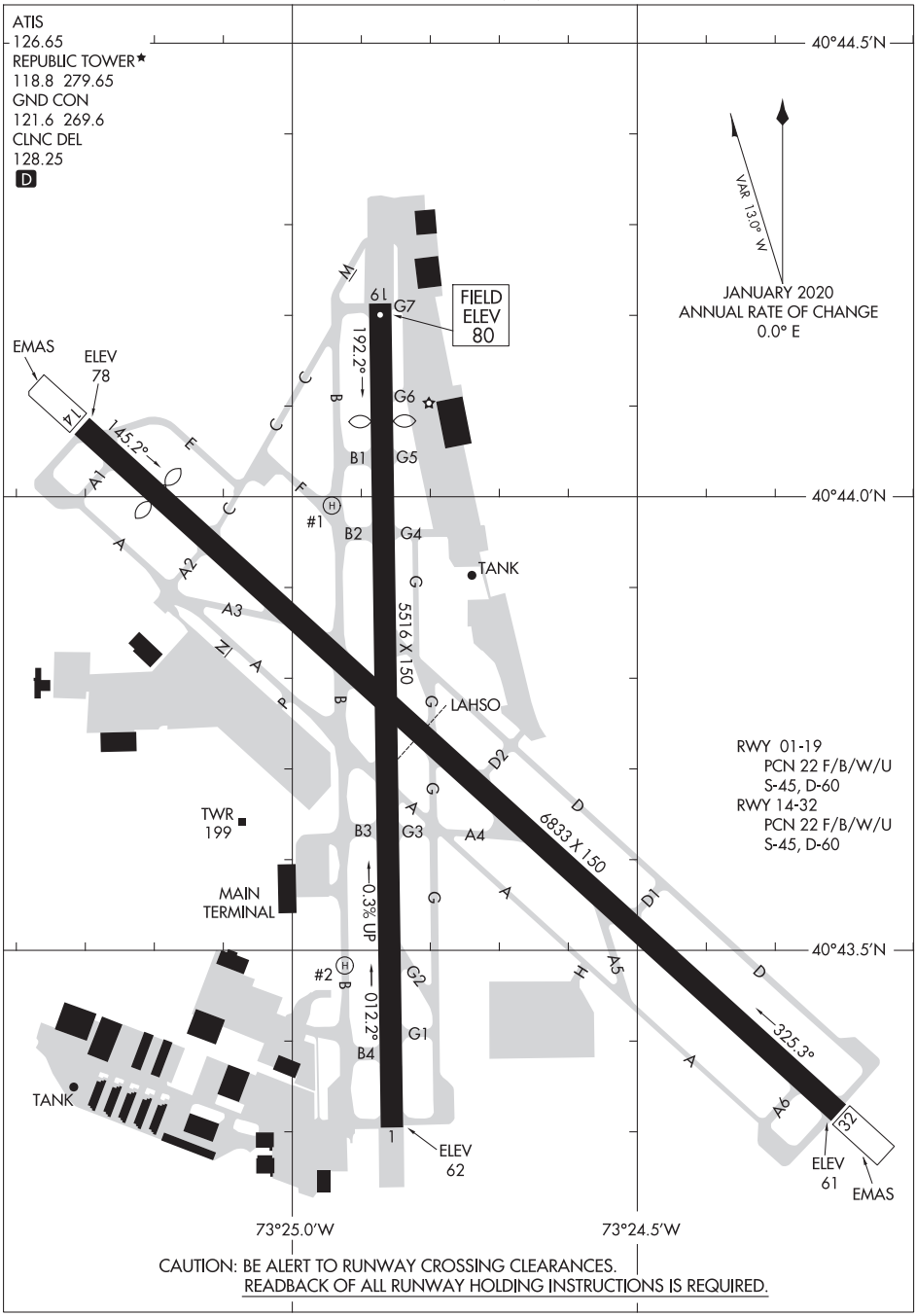
NE-2, 10 SEP 2020 to 05 NOV 2020
NE-2, 10 SEP 2020 to 05 NOV 2020

20086

AIRPORT DIAGRAM

REPUBLIC (FRG)
FARMINGDALE, NEW YORK

AL-704 (FAA)



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

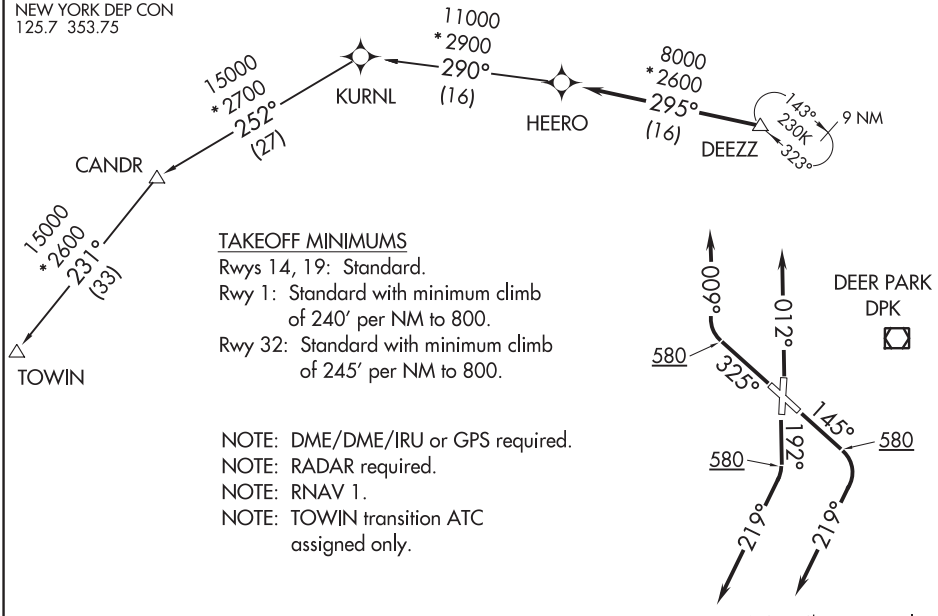
AIRPORT DIAGRAM
20086

FARMINGDALE, NEW YORK
REPUBLIC (FRG)

DEEZZ FIVE DEPARTURE (RNAV)

TOP ALTITUDE: 3000

ATIS
126.65
CLNC DEL
128.25
GND CON
121.6 269.6
REPUBLIC TOWER ★
118.8 279.65
NEW YORK DEP CON
125.7 353.75



TAKEOFF MINIMUMS
Rwys 14, 19: Standard.
Rwy 1: Standard with minimum climb of 240′ per NM to 800.
Rwy 32: Standard with minimum climb of 245′ per NM to 800.

NOTE: DME/DME/IRU or GPS required.
NOTE: RADAR required.
NOTE: RNAV 1.
NOTE: TOWIN transition ATC assigned only.

NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 1: Climb heading 012°, thence . . . .
TAKEOFF RUNWAY 14: Climb heading 145° to 580, then climbing right turn heading 219°, thence . . . .
TAKEOFF RUNWAY 19: Climb heading 192° to 580, then climbing right turn heading 219°, thence . . . .
TAKEOFF RUNWAY 32: Climb heading 325° to 580, then climbing right turn heading 009°, thence . . . .

. . . . expect vectors to DEEZZ, then on track 295° to HEERO. Maintain 3000.
Expect clearance to filed altitude/flight level within ten (10) minutes after departure.

CANDR TRANSITION (DEEZZ5.CANDR)
TOWIN TRANSITION (DEEZZ5.TOWIN)

(REP1.REP) 20086

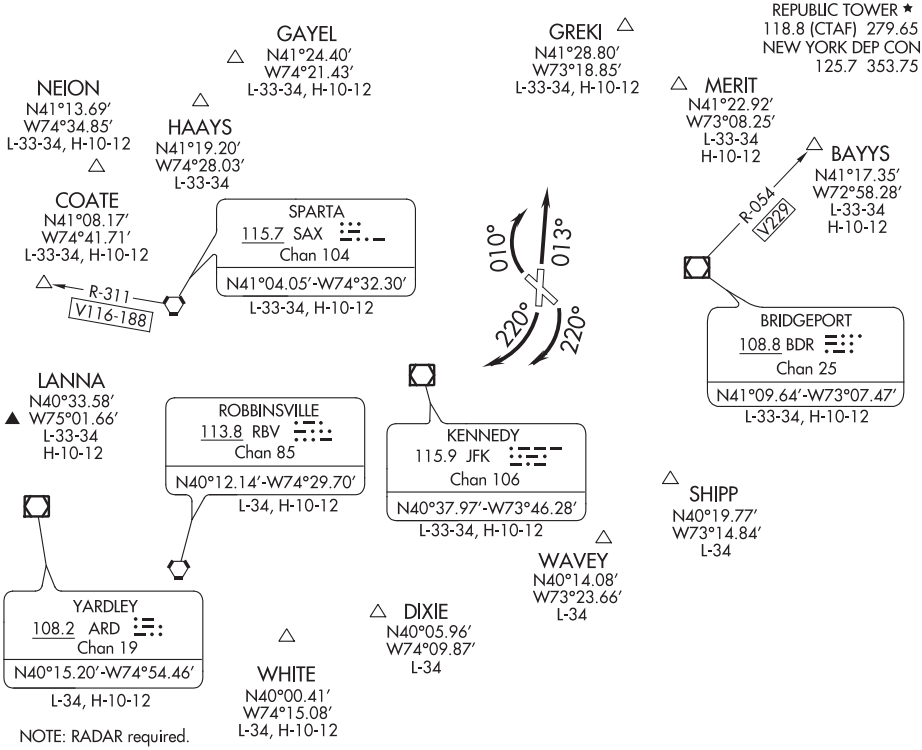
AL-704 (FAA)

REPUBLIC ONE DEPARTURE

REPUBLIC (FRG)
FARMINGDALE, NEW YORK

TOP ALTITUDE: 3000

ATIS 126.65
CLNC DEL 128.25
GND CON 121.6 269.6
REPUBLIC TOWER ★ 118.8 (CTAF) 279.65
NEW YORK DEP CON 125.7 353.75



NOTE: RADAR required.

TAKEOFF MINIMUMS:
Rwy 14, 19: Standard.
Rwy 1: 300-1¼ or standard with minimum climb of 240′ per NM to 300, or alternatively, with standard takeoff minimums and a normal 200′ per NM climb gradient, takeoff must occur no later then 1900′ prior to DER.
Rwy 32: Standard with minimum climb of 240′ per NM to 800.

NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 1: Climb heading 013°, thence....
TAKEOFF RUNWAYS 14, 19: Climbing right turn to heading 220°, thence....
TAKEOFF RUNWAY 32: Climbing right turn to heading 010°, thence....

....RADAR vectors to assigned route or depicted fix. Maintain 3000. Expect clearance to filed altitude/flight level 10 minutes after departure.

BAYYS DEPARTURES: RADAR vectors will be provided to BDR VOR/DME R-054 to BAYYS.
COATE DEPARTURES: RADAR vectors will be provided to SAX VORTAC R-311, to COATE.

NE-2, 10 SEP 2020 to 05 NOV 2020

REPUBLIC ONE DEPARTURE

(REP1.REP) 03JAN19

FARMINGDALE, NEW YORK
REPUBLIC (FRG)

VOR or GPS-A
ELIZABETH FIELD (ØB8)

VOR/DME GON	APP CRS	Rwy ldg N/A
110.85	183°	TDZE N/A
Chan 45 (Y)		Apt Elev 9

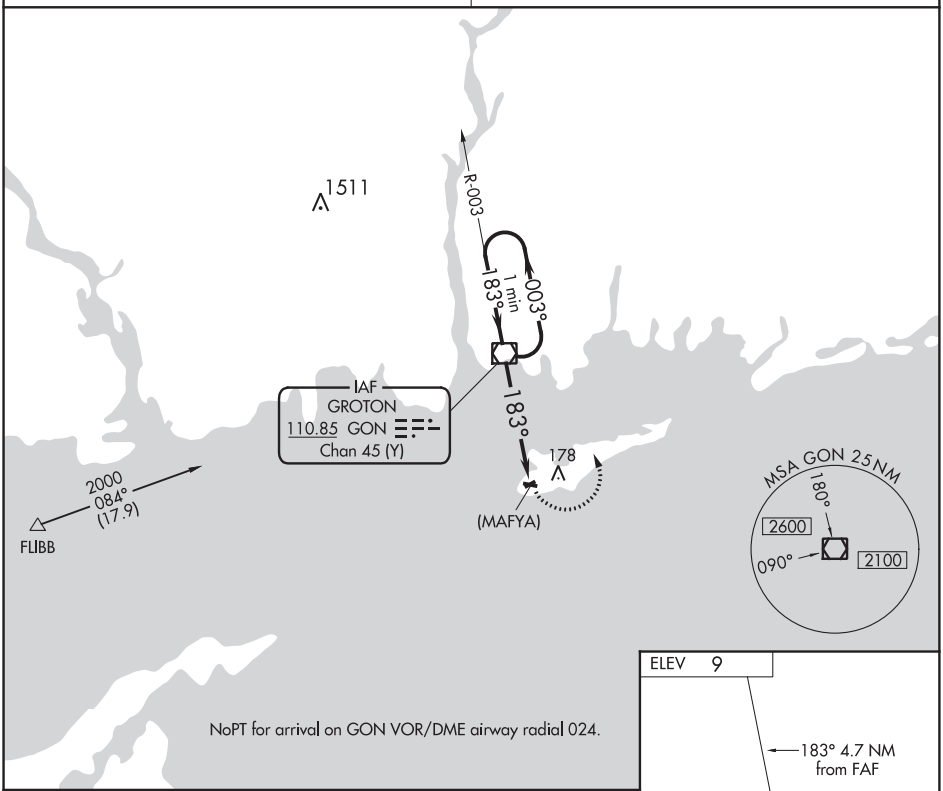
Use Groton-New London altimeter setting; when not received, use Block Island State altimeter setting. Circling NA at night to Rwys 7 and 25.

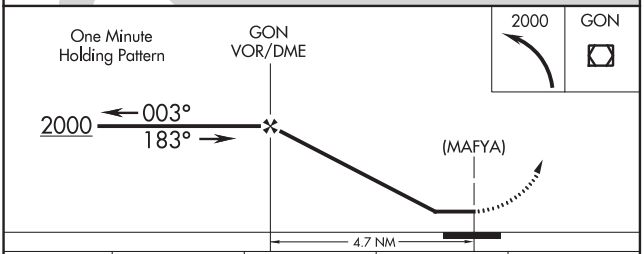
NA

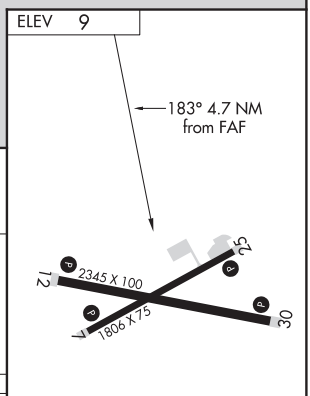
MISSED APPROACH: Climbing left turn to 2000 direct GON VOR/DME and hold.

PROVIDENCE APP CON ★
125.75 319.2

UNICOM
122.8 (CTAF) L ★







REIL Rwys 7, 12, 25 and 30 L ★
MIRL Rwys 7-25 and 12-30 L ★

CATEGORY	A	B	C	D
CIRCLING	540-1 531 (600-1)		540-1½ 531 (600-1½)	NA
BLOCK ISLAND STATE ALTIMETER SETTING MINIMUMS				
CIRCLING	600-1 591 (600-1)		600-1½ 591 (600-1½)	NA

FAF to MAP 4.7 NM

Knots	60	90	120	150	180
Min:Sec	4:42	3:08	2:21	1:53	1:34

NE-2, 10 SEP 2020 to 05 NOV 2020
NE-2, 10 SEP 2020 to 05 NOV 2020

FULTON, NEW YORK | AL-5518 (FAA) | 20086

ILS or LOC RWY 33
OSWEGO COUNTY (FZY)

LOC/DME I-FZY	APP CRS	Rwy ldg	4782
110.9	330°	TDZE	471
Chan 46		Apt Elev	475

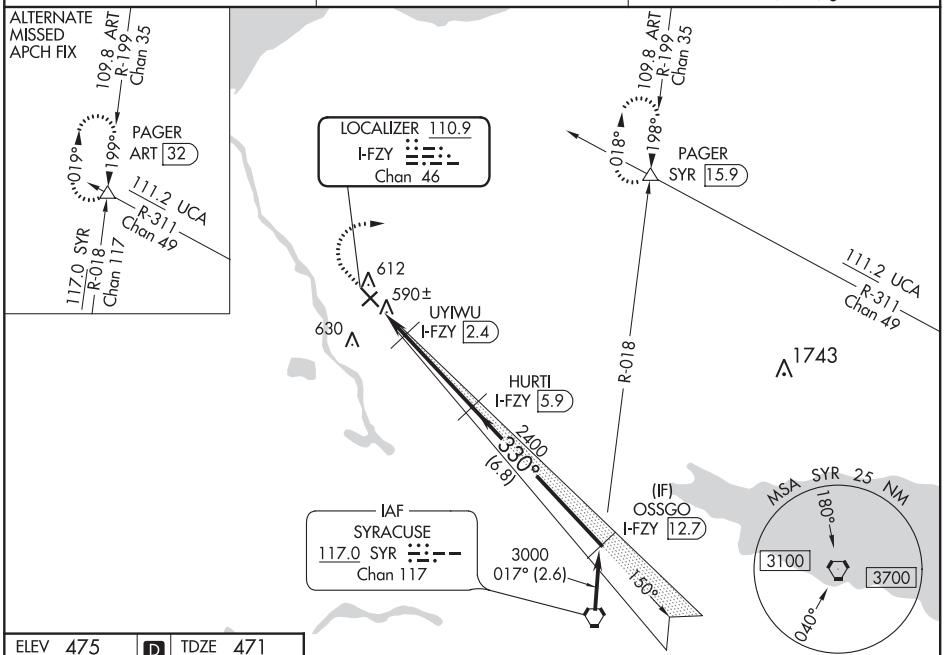
DME required.

T
A NA

Circling Rwy 24 NA at night.
Rwy 33 helicopter visibility reduction below ¾ SM NA.

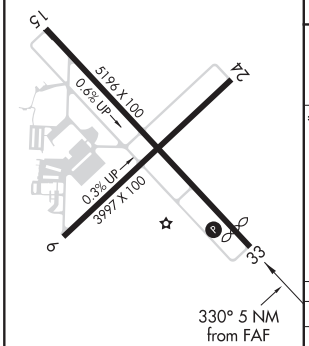
MISSED APPROACH: Climb to 1200 then climbing right turn to 3000 on heading 100° and SYR VORTAC R-018 to PAGER/SYR 15.9 DME and hold.

ASOS	SYRACUSE APP CON	UNICOM
119.275	126.125 269.125	123.0 (CTAF) L



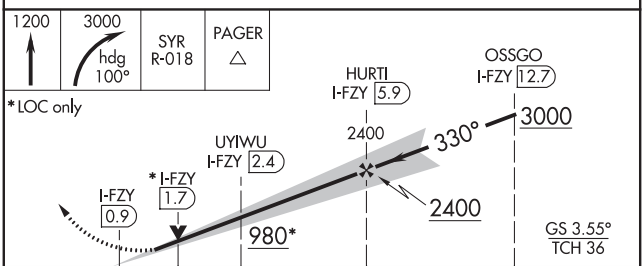
ELEV 475 | D | TDZE 471

Procedure NA for arrivals at SYR VORTAC on V29 southbound.



MIRL Rwys 6-24 L
HIRL Rwys 15-33 L
REIL Rwys 15 and 33 L
REIL Rwys 6 and 24

1200	3000 hdg 100°	SYR R-018	PAGER △



CATEGORY	A	B	C	D
S-ILS 33	814-1 343 (400-1)			NA
S-LOC 33	840-1 369 (400-1)			NA
C CIRCLING	920-1 445 (500-1)	940-1 465 (500-1)	960-1½ 485 (500-1½)	NA

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

WAAS CH 72820 W15A	APP CRS 150°	Rwy ldg 5196 TDZE 462 Apt Elev 475

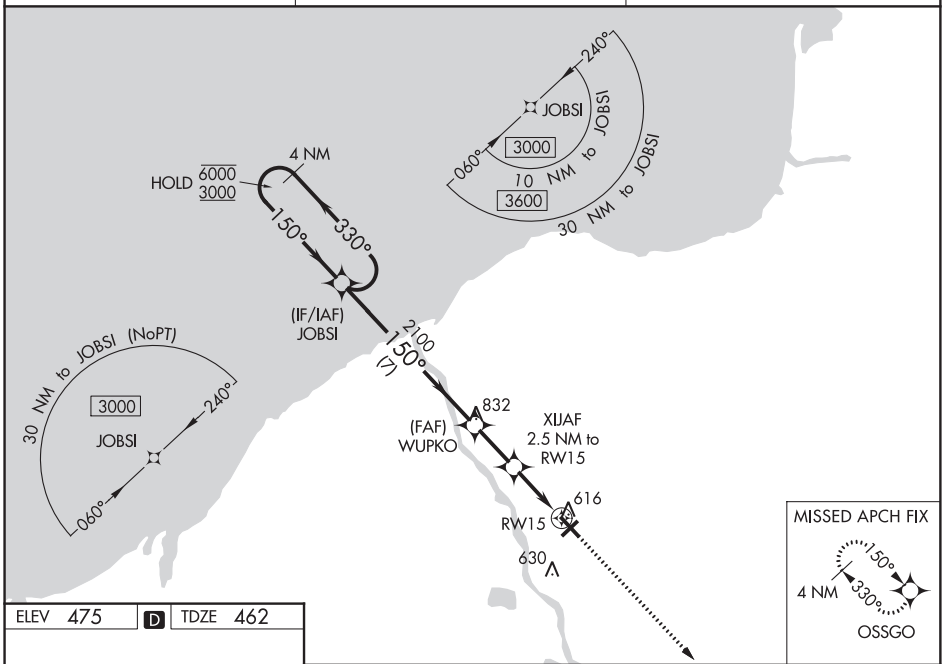
RNAV (GPS) RWY 15
OSWEGO COUNTY (FZY)

RNP APCH.

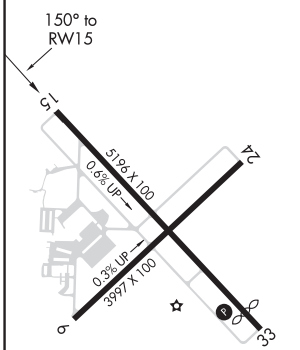
Rwy 15 helicopter visibility reduction below ¾ SM NA.
For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -24°C or above 54°C.

MISSED APPROACH:
Climb to 3000 direct OSSGO and hold.

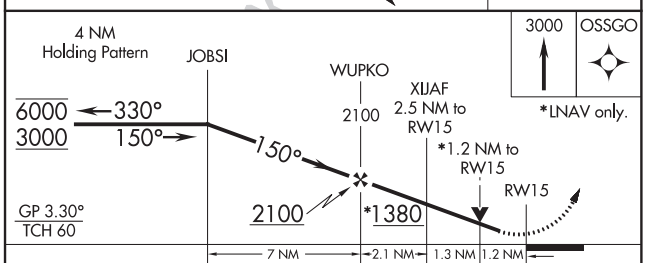
ASOS	SYRACUSE APP CON	UNICOM
119.275	126.125 269.125	123.0 (CTAF) L



ELEV 475 D TDZE 462



MIRL Rwys 6-24 L
HIRL Rwys 15-33 L
REIL Rwys 15 and 33 L
REIL Rwys 6 and 24



CATEGORY	A	B	C	D
LPV DA	783-1 321 (400-1)			NA
LNAV/VNAV DA	887-1¼ 425 (500-1¼)			NA
LNAV MDA	920-1 458 (500-1)		920-1⅜ 458 (500-1⅜)	NA
CIRCLING	1000-1 525 (600-1)		1000-1½ 525 (600-1½)	NA

NE-2, 10 SEP 2020 to 05 NOV 2020
NE-2, 10 SEP 2020 to 05 NOV 2020

FULTON, NEW YORK

AL-5518 (FAA)

20086

RNAV (GPS) RWY 24
OSWEGO COUNTY (FZY)

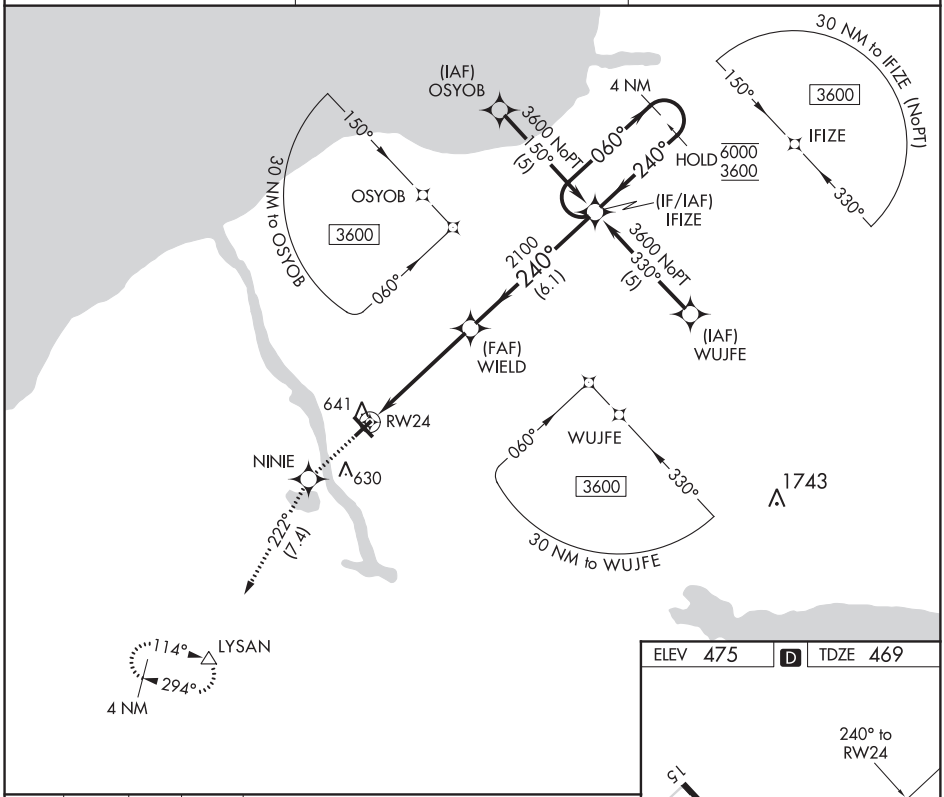
APP CRS	Rwy ldg	3997
240°	TDZE	469
	Apt Elev	475

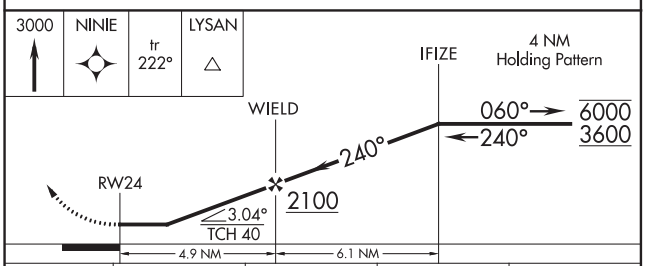
RNP APCH.

Rwy 24 helicopter visibility reduction below 1 SM NA.

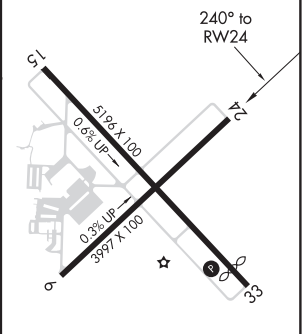
MISSED APPROACH: Climb to 3000 direct NINIE and on track 222° to LYSAN and hold.

ASOS	SYRACUSE APP CON	UNICOM
119.275	126.125 269.125	123.0 (CTAF) L





ELEV 475 D TDZE 469



CATEGORY	A	B	C	D
LNAV MDA	960-1 491 (500-1)		960-1⅜ 491 (500-1⅜)	960-1½ 491 (500-1½)
CIRCLING	1000-1 525 (600-1)		1000-1½ 525 (600-1½)	1040-2 565 (600-2)

MIRL Rwys 6-24 L
HIRL Rwys 15-33 L
REIL Rwys 15 and 33 L
REIL Rwys 6 and 24

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

WAAS CH 82520 W33A	APP CRS 330°	Rwy ldg 4782 TDZE 471 Apt Elev 475

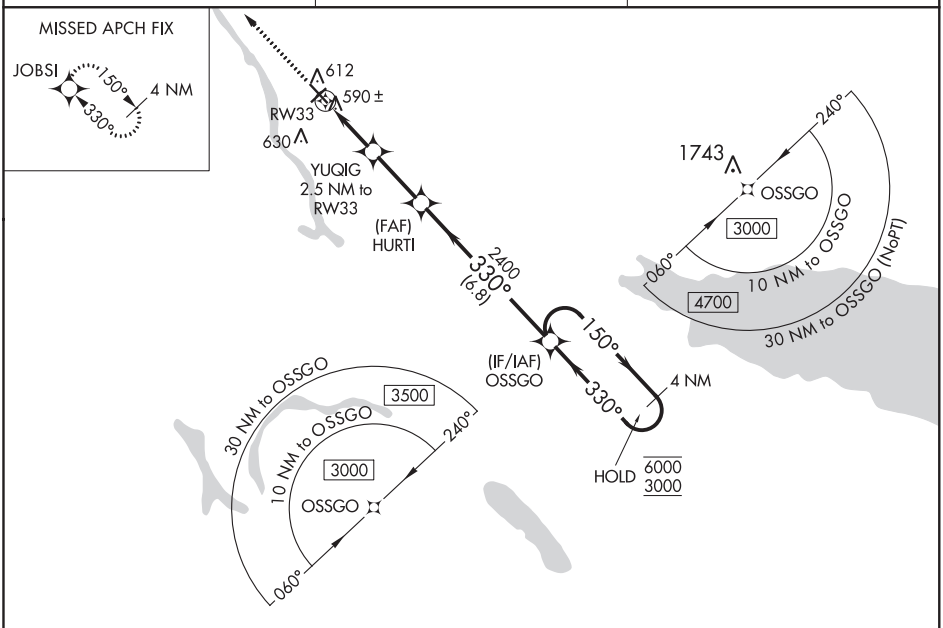
RNAV (GPS) RWY 33
OSWEGO COUNTY (FZY)

RNP APCH.

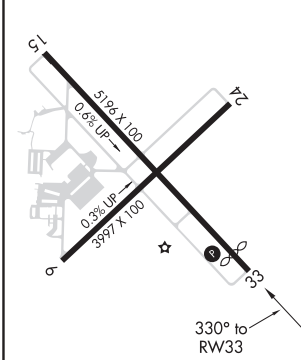
Rwy 33 helicopter visibility reduction below ¾ SM NA. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -22°C or above 54°C.

MISSED APPROACH: Climb to 3000 direct JOBSI and hold.

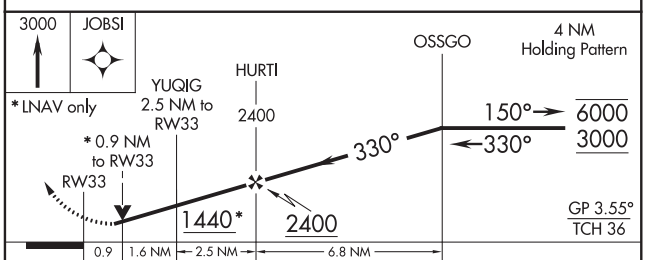
ASOS	SYRACUSE APP CON	UNICOM
119.275	126.125 269.125	123.0 (CTAF) L



ELEV 475 D TDZE 471



MIRL Rwys 6-24 L
HIRL Rwys 15-33 L
REIL Rwys 15 and 33 L
REIL Rwys 6 and 24



CATEGORY		A	B	C	D
LPV	DA	810-1 339 (400-1)			NA
LNAV/VNAV	DA	771-⅞ 300 (300-⅞)			NA
LNAV	MDA	840-1 369 (400-1)			NA
C CIRCLING		920-1 445 (500-1)	940-1 465 (500-1)	960-1½ 485 (500-1½)	NA

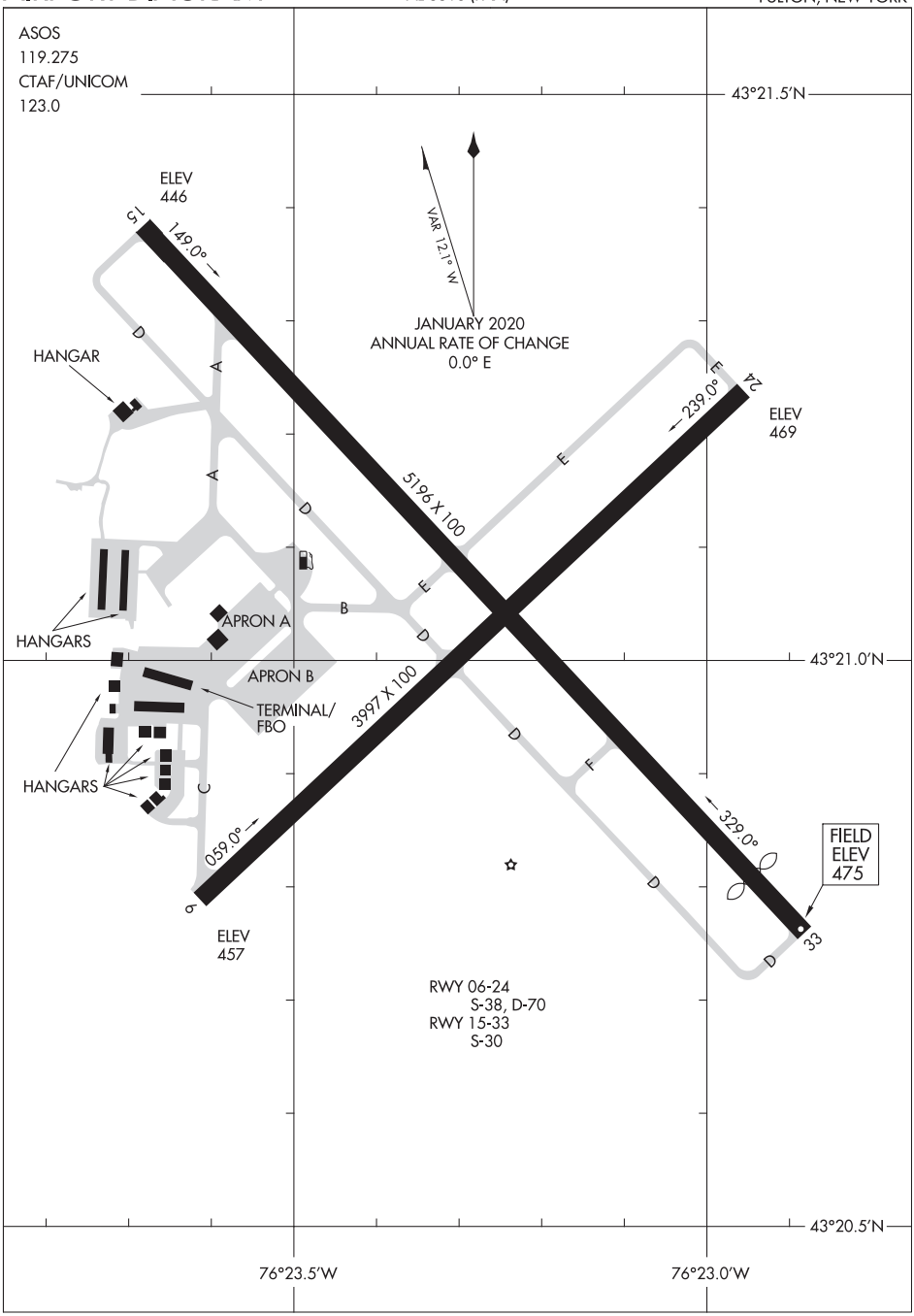
NE-2, 10 SEP 2020 to 05 NOV 2020
NE-2, 10 SEP 2020 to 05 NOV 2020

20086

AIRPORT DIAGRAM

AL-5518 (FAA)

OSWEGO COUNTY (FZY)
FULTON, NEW YORK



NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

AIRPORT DIAGRAM
20086
FULTON, NEW YORK
OSWEGO COUNTY (FZY)

LOC I-GFL	APP CRS	Rwy ldg	5000
110.7	012°	TDZE	324
		Apt Elev	328

ILS or LOC RWY 1
FLOYD BENNETT MEMORIAL (GFL)

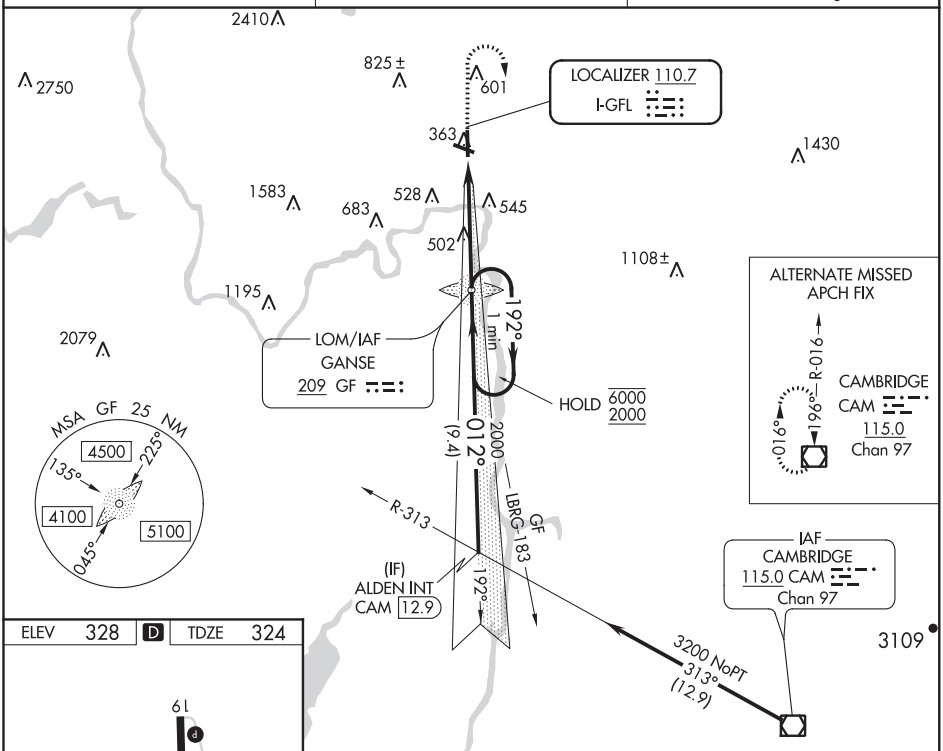
ADF required.

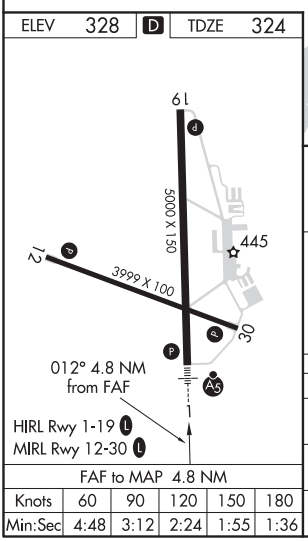
Circling NA for Cat D north of Rwys 12 and 19.
Circling Rwy 12, 30 NA at night.
For inop ALS, increase S-LOC 1 Cat C/D visibility to 1⅜ SM.
-18°C

MALSR

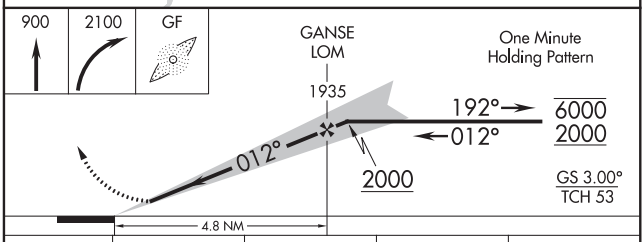
MISSED APPROACH: Climb to 900 then climbing right turn to 2100 direct GANSE LOM and hold.

ASOS	ALBANY APP CON	UNICOM
119.925	132.825 307.2	123.0 (CTAF) L





FAF to MAP 4.8 NM					
Knots	60	90	120	150	180
Min:Sec	4:48	3:12	2:24	1:55	1:36



CATEGORY	A	B	C	D
S-ILS 1	524-½ 200 (200-½)			
S-LOC 1	820-½ 496 (500-½)		820-1 496 (500-1)	
C CIRCLING	840-1 512 (600-1)	860-1 532 (600-1)	940-1¾ 612 (700-1¾)	1460-3 1132 (1200-3)

NE-2, 10 SEP 2020 to 05 NOV 2020
NE-2, 10 SEP 2020 to 05 NOV 2020

GLENS FALLS, NEW YORK

AL-673 (FAA)

20254

RNAV (GPS) RWY 1

FLOYD BENNETT MEMORIAL (GFL)

WAAS CH 87118 W01A	APP CRS 012°	Rwy ldg 5000 TDZE 324 Apt Elev 328

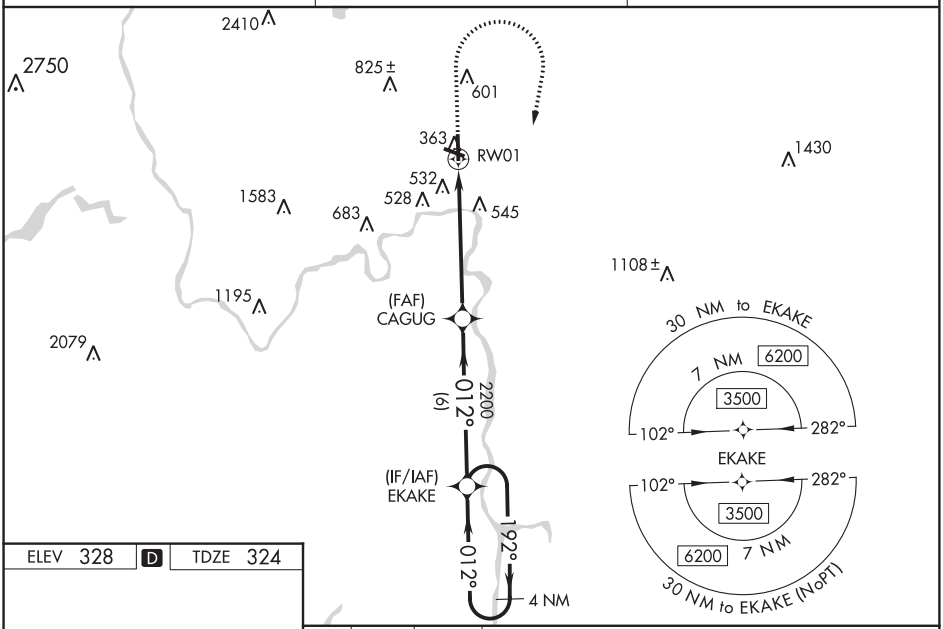
For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -18°C (0°F) or above 54°C (130°F). DME/DME RNP-0.3 NA. When local altimeter setting not received use Albany altimeter setting and increase all DA 91 feet and all MDA 100 feet; increase LNAV/VNAV all Cats ⅜ SM, LNAV Cat C/D and Circling Cat C visibility ¼ SM. For inoperative ALS when using Albany altimeter setting, increase LPV all Cats visibility to ⅞ SM. Baro-VNAV and VDP NA when using Albany altimeter setting. Circling Rwy 12, 30 NA at night. Rwy 12, 30 helicopter visibility reduction below 1 SM NA.

-18°C

MALSR

MISSED APPROACH: Climb to 900 then climbing right turn to 3500 direct EKAKE and hold.

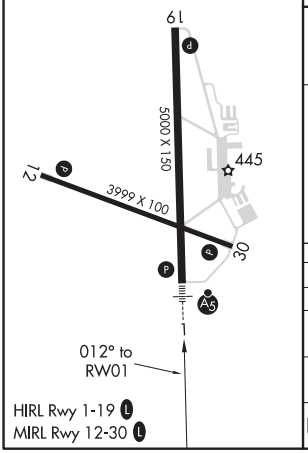
ASOS	ALBANY APP CON	UNICOM
119.925	132.825 307.2	123.0 (CTAF) L

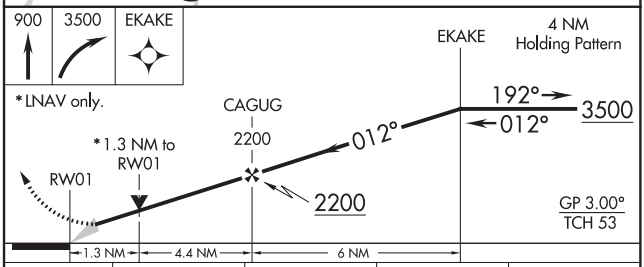


NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

ELEV 328 D TDZE 324





CATEGORY	A	B	C	D
LPV DA	524-½ 200 (200-½)			
LNAV/VNAV DA	835-1¼ 511 (600-1¼)			
LNAV MDA	800-½ 476 (500-½)		800-1 476 (500-1)	
C CIRCLING	840-1 512 (600-1)	860-1 532 (600-1)	940-1¾ 612 (700-1¾)	1960-3 1632 (1700-3)

APP CRS	Rwy ldg	3999
124°	TDZE	328
	Apt Elev	328

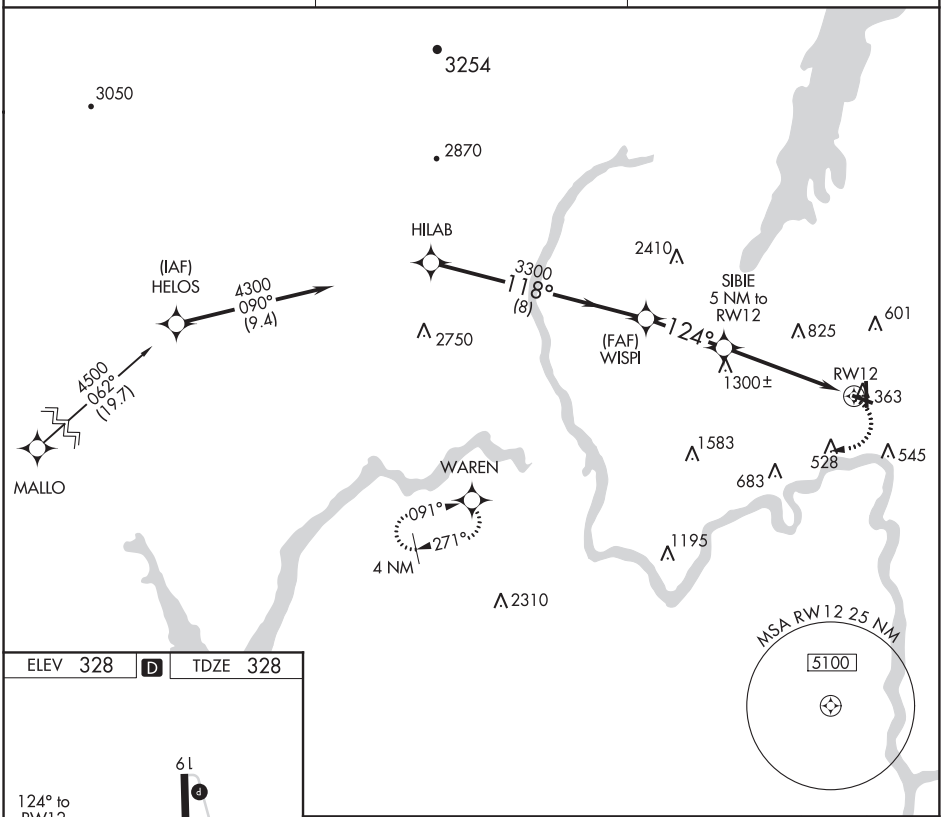
RNAV (GPS) RWY 12
FLOYD BENNETT MEMORIAL (GFL)

NA
-18°C

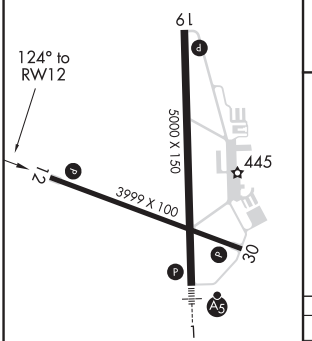
DME/DME RNP-0.3 NA. Helicopter visibility reduction below 1 SM NA. Night landing: Rwy 12, 30 NA.

MISSED APPROACH: Climbing right turn to 4000 direct to WAREN WP and hold.

ASOS	ALBANY APP CON	UNICOM
119.925	132.825 307.2	123.0 (CTAF) L

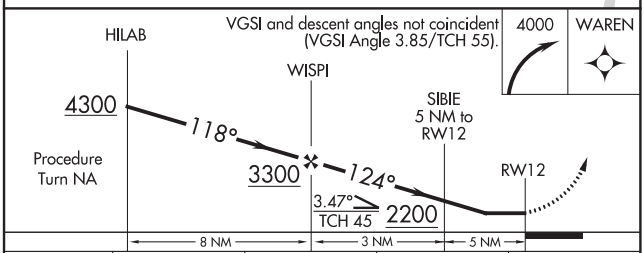


ELEV 328 D TDZE 328



HIRL Rwy1-19 L
MIRL Rwy 12-30 L

VGSI and descent angles not coincident (VGSI Angle 3.85/TCH 55).



CATEGORY	A	B	C	D
LNAV MDA	1560-1¼ 1232 (1300-1¼)	1560-1½ 1232 (1300-1½)	1560-3	1232 (1300-3)
CIRCLING	1560-1¼ 1232 (1300-1¼)	1560-1½ 1232 (1300-1½)	1560-3	1232 (1300-3)

NE-2, 10 SEP 2020 to 05 NOV 2020

GLENS FALLS, NEW YORK | AL-673 (FAA) | 20254

RNAV (GPS) RWY 19
FLOYD BENNETT MEMORIAL (GFL)

APP CRS	Rwy ldg	5000
177°	TDZE	327
	Apt Elev	328

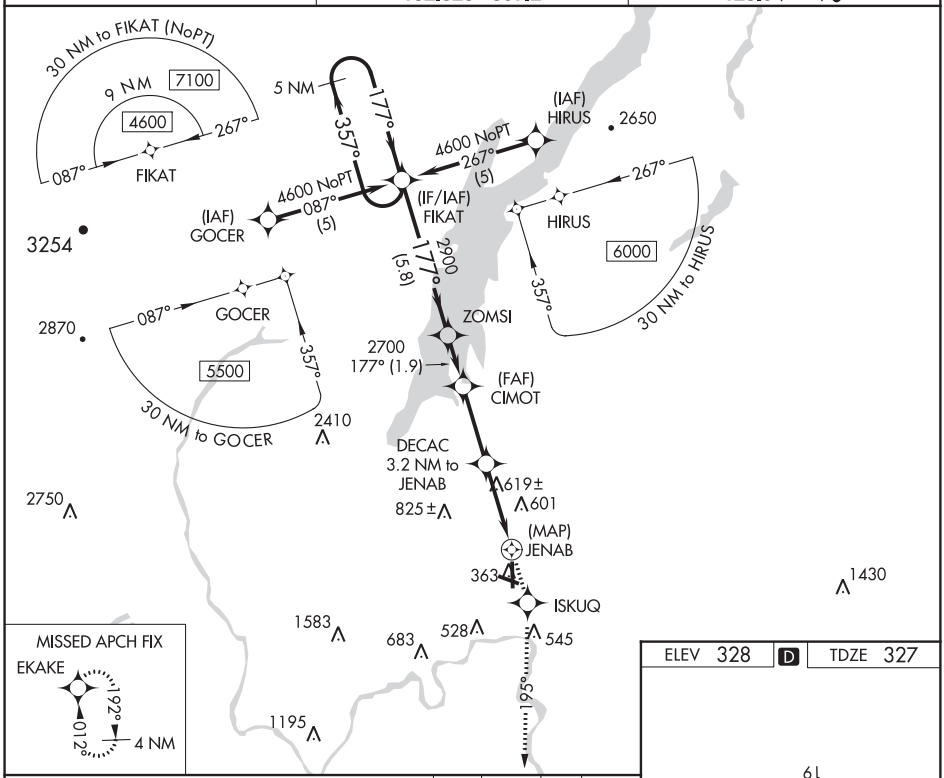
RNP APCH.

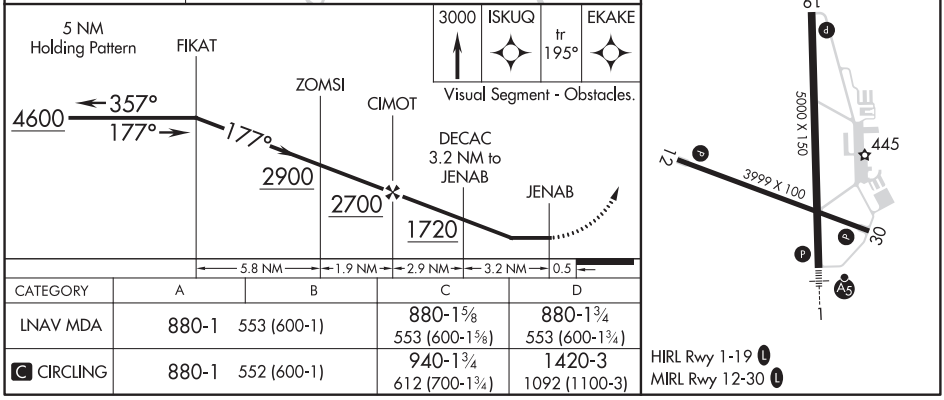
Circling NA for Cat D NW of Rwy 12 and 19. Rwy 19 helicopter visibility reduction below ¾ SM NA. Circling Rwy 12, 30 NA at night.

-18°C

MISSED APPROACH: Climb to 3000 direct ISKUQ and on track 195° to EKAKE and hold.

ASOS	ALBANY APP CON	UNICOM
119.925	132.825 307.2	123.0 (CTAF) L





CATEGORY	A	B	C	D
LNAV MDA	880-1 553 (600-1)		880-1⅝ 553 (600-1⅝)	880-1¾ 553 (600-1¾)
C CIRCLING	880-1 552 (600-1)		940-1¾ 612 (700-1¾)	1420-3 1092 (1100-3)

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

APP CRS	Rwy ldg	3999
305°	TDZE	325
	Apt Elev	328

RNAV (GPS) RWY 30
FLOYD BENNETT MEMORIAL (GFL)

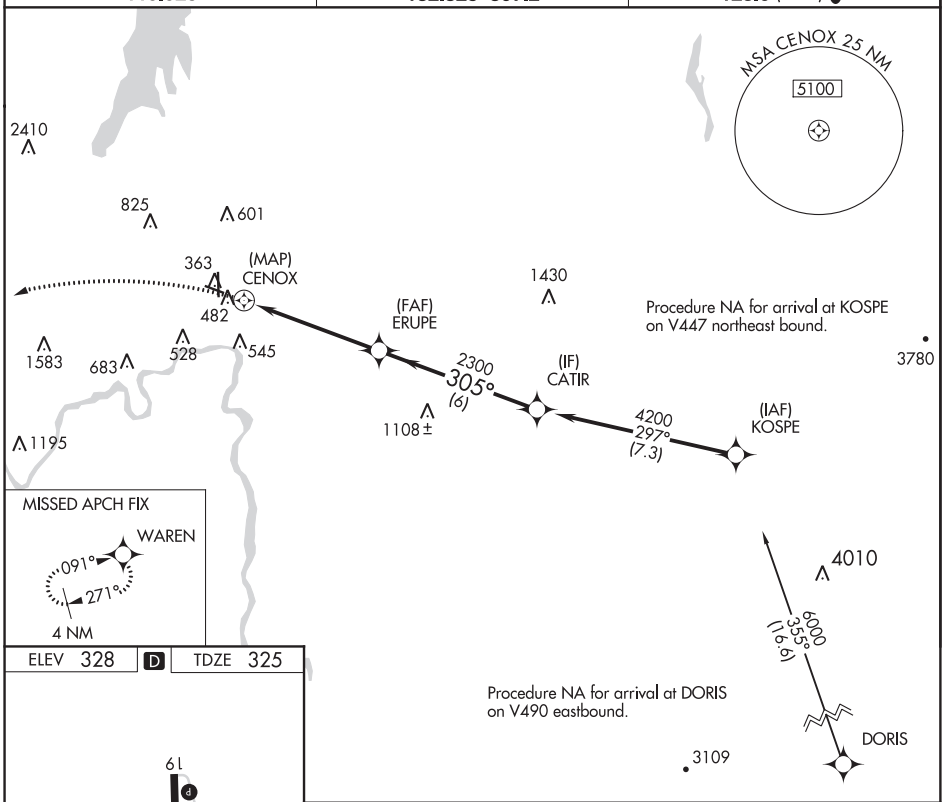
RNP APCH.

T
A
-18°C

Circling Rwy 12 NA at night.
Rwy 30 helicopter visibility reduction below ¾ SM NA.

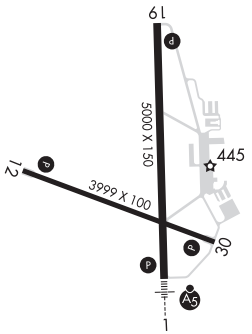
MISSED APPROACH: Climbing left turn to 4000 direct WAREN and hold.

ASOS	ALBANY APP CON	UNICOM
119.925	132.825 307.2	123.0 (CTAF) L

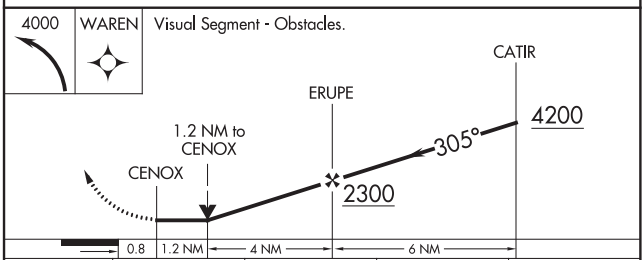


MISSED APCH FIX

ELEV 328 D TDZE 325



HIRL Rwy 1-19 L
MIRL Rwy 12-30 L



CATEGORY	A	B	C	D
LNAV MDA	1020-1	695 (700-1)	1020-2 695 (700-2)	1020-2¼ 695 (700-2¼)
C CIRCLING	1020-1	692 (700-1)	1020-2 692 (700-2)	1960-3 1632 (1700-3)

NE-2, 10 SEP 2020 to 05 NOV 2020
NE-2, 10 SEP 2020 to 05 NOV 2020

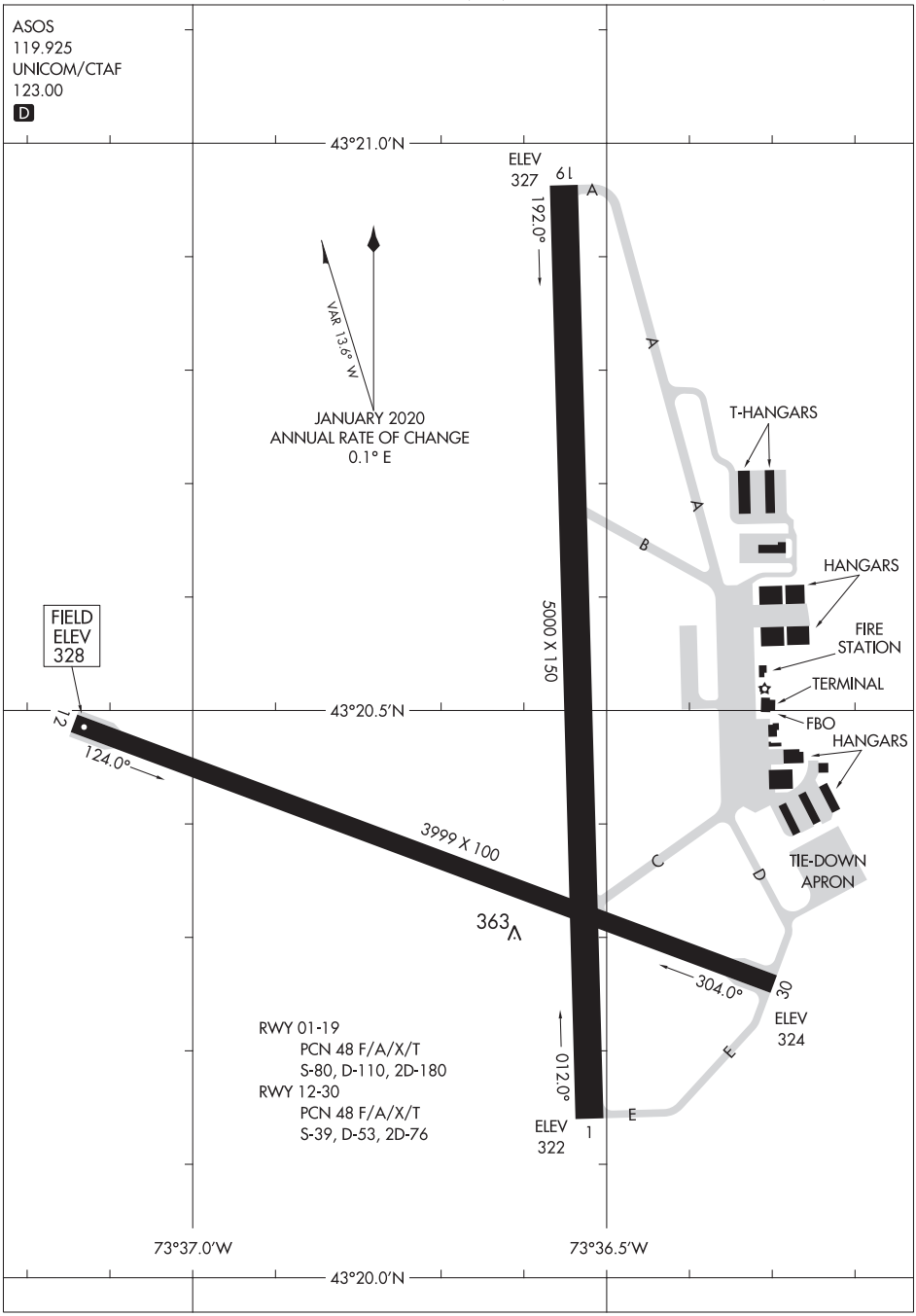
20086

AIRPORT DIAGRAM

AL-673 (FAA)

FLOYD BENNETT MEMORIAL (GFL)

GLENS FALLS, NEW YORK



NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

AIRPORT DIAGRAM
20086
GLENS FALLS, NEW YORK
FLOYD BENNETT MEMORIAL (GFL)

WAAS CH 65818 W17A	APP CRS 170°	Rwy ldg 5014 TDZE 1137 Apt Elev 1137

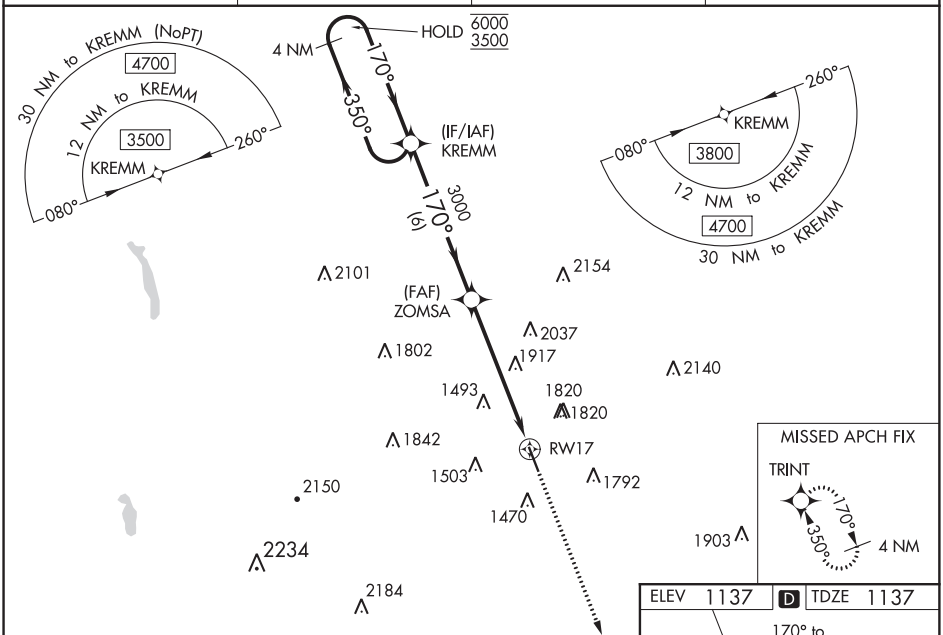
RNAV (GPS) RWY 17
HAMILTON MUNI (VGC)

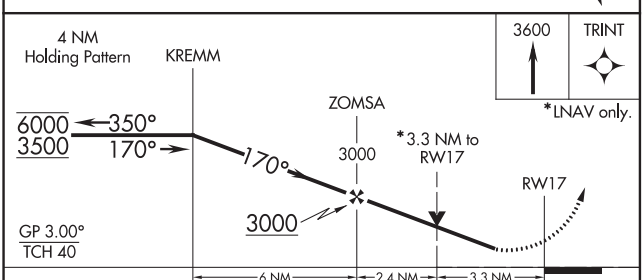
RNP APCH.

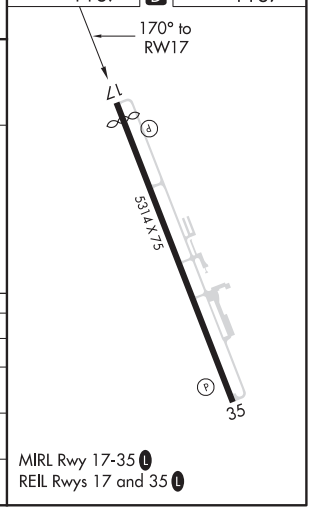
Baro-VNAV and VDP NA when using Syracuse altimeter setting. Rwy 17 helicopter visibility reduction below ¾ SM NA. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -17°C or above 54°C. When local altimeter setting not received, use Syracuse altimeter setting and increase LPV DA to 1614, LNAV/VNAV DA to 2579 and all MDA 180 feet; and increase LPV visibility to 1⅜ SM and LNAV/VNAV visibility to 6 SM.

MISSED APPROACH: Climb to 3600 direct TRINT and hold.

AWOS-3P	SYRACUSE APP CON	UNICOM	
119.425	126.125 269.125	123.0 (CTAF)	122.7 L







MIRL Rwy 17-35 L
REIL Rwys 17 and 35 L

CATEGORY	A	B	C	D
LPV DA	1447-⅞ 310 (400-⅞)			NA
LNAV/VNAV DA	2412-5 1275 (1300-5)			NA
LNAV MDA	2220-1¼ 1083 (1100-1¼)	2220-1½ 1083 (1100-1½)	2220-3 1083 (1100-3)	NA
C CIRCLING	2220-1¼ 1083 (1100-1¼)	2220-1½ 1083 (1100-1½)	2340-3 1203 (1300-3)	NA

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

HAMILTON, NEW YORK AL-5788 (FAA) 19255

WAAS CH 70518 W35A	APP CRS 350°	Rwy ldg 5014 TDZE 1135 Apt Elev 1137

RNAV (GPS) RWY 35
HAMILTON MUNI (VGC)

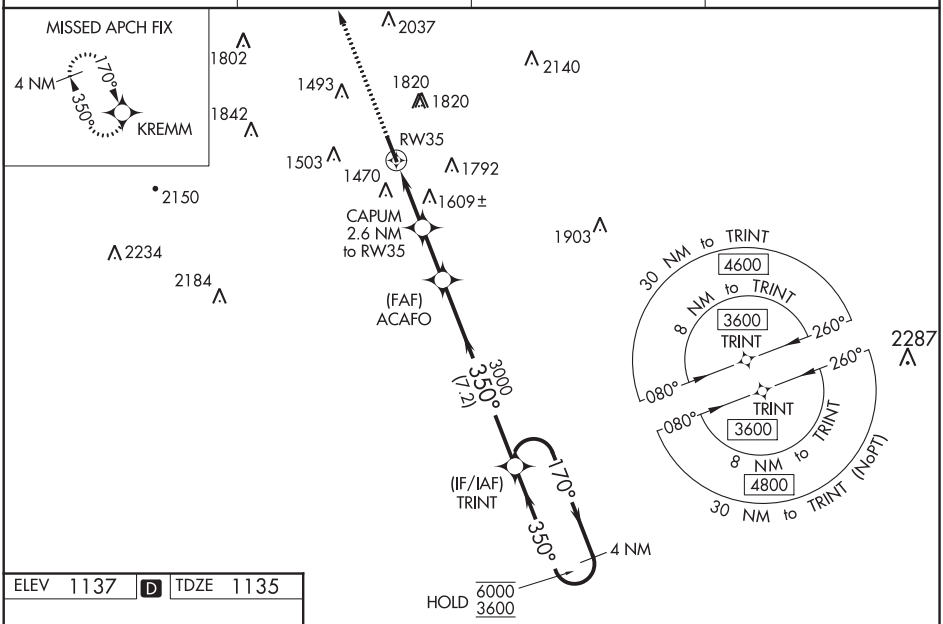
RNP APCH.

T
A NA

Baro-VNAV and VDP NA when using Syracuse altimeter setting. Rwy 35 helicopter visibility reduction below ¾ SM NA. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -17°C or above 50°C . When local altimeter setting not received, use Syracuse altimeter setting and increase LPV DA to 1748, LNAV/VNAV DA to 2164 and all MDA 180 feet; increase LPV visibility to 1¾ SM and LNAV Cat A/B visibility to 1½ SM and Cat C visibility to 2½ SM.

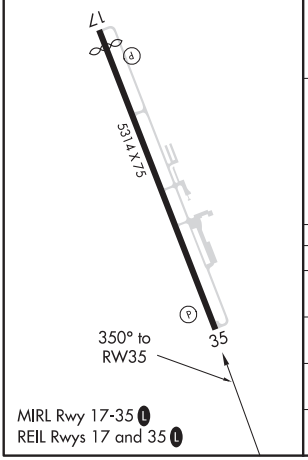
MISSED APPROACH: Climb to 3500 direct KREMM and hold.

AWOS-3P	SYRACUSE APP CON	UNICOM	
119.425	126.125 269.125	123.0 (CTAF)	122.7 L

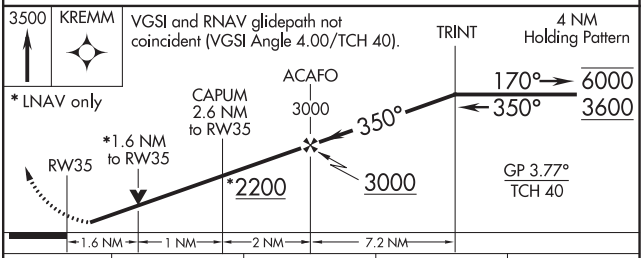


NE-2, 10 SEP 2020 to 05 NOV 2020

ELEV 1137 D TDZE 1135



MIRL Rwy 17-35 L
REIL Rwys 17 and 35 L



CATEGORY	A	B	C	D
LPV DA	1581-1⅜ 446 (500-1⅜)			NA
LNAV/VNAV DA	1997-4 862 (900-4)			NA
LNAV MDA	1860-1 725 (800-1)		1860-2 725 (800-2)	NA
C CIRCLING	2040-1¼ 903 (1000-1¼)	2120-1½ 983 (1000-1½)	2340-3 1203 (1300-3)	NA

APP CRS	Rwy ldg	3601
029°	TDZE	65
	Apt Elev	65

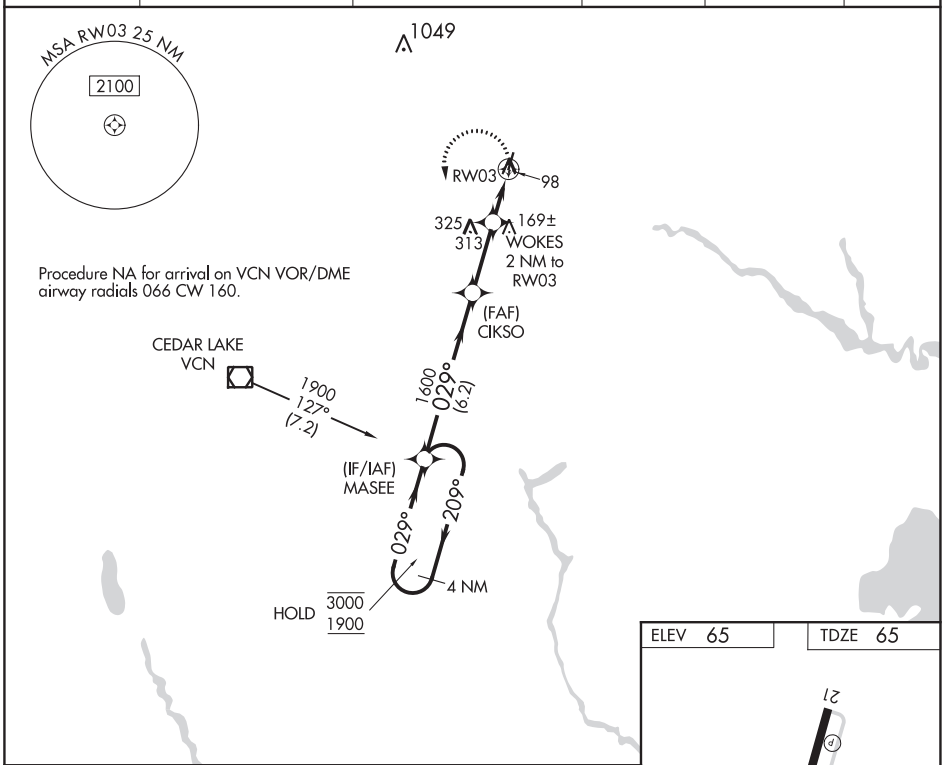
RNAV (GPS) RWY 3
HAMMONTON MUNI (N81)

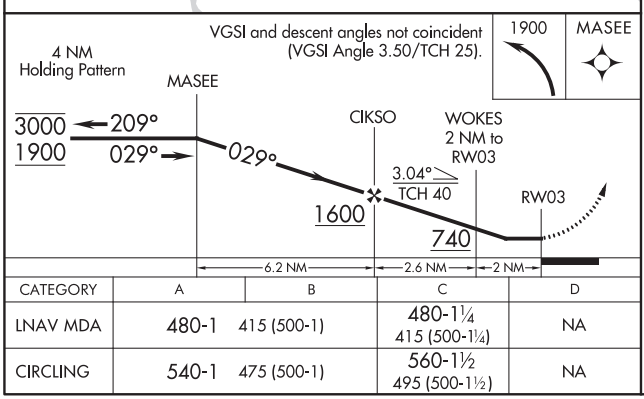
RNP APCH.

T NA Procedure NA at night. Rwy 3 helicopter visibility reduction below 1 SM NA. When local altimeter setting not received, use Atlantic City altimeter setting and increase all MDA 40 feet.

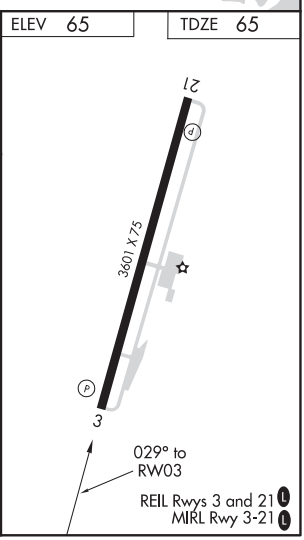
MISSED APPROACH: Climbing left turn to 1900 direct MASEE and hold.

AWOS-AV	ACY ASOS	ATLANTIC CITY APP CON	GCO	UNICOM	
122.7	125.725 316.15	134.25 292.2	121.725	122.7 (CTAF)	123.5 L





CATEGORY	A	B	C	D
LNAV MDA	480-1	415 (500-1)	480-1¼ 415 (500-1¼)	NA
CIRCLING	540-1	475 (500-1)	560-1½ 495 (500-1½)	NA



NE-2, 10 SEP 2020 to 05 NOV 2020
NE-2, 10 SEP 2020 to 05 NOV 2020

HAMMONTON, NEW JERSEY AL-5714 (FAA) 20254

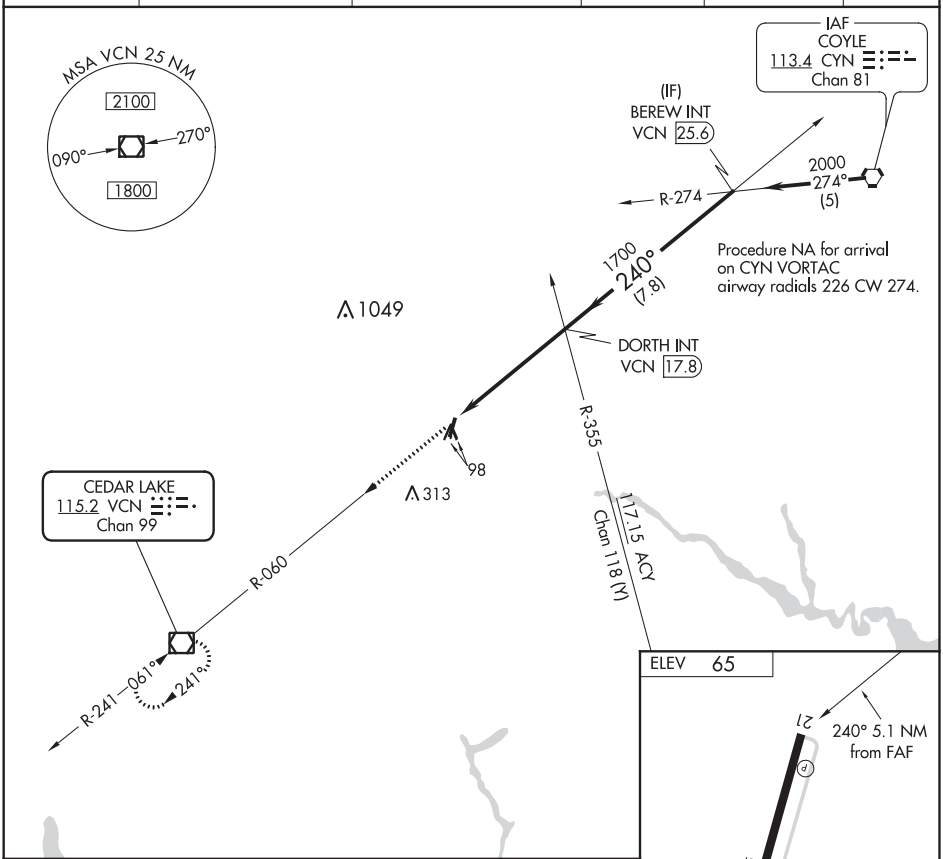
VOR-B
HAMMONTON MUNI (N81)

VOR/DME VCN 115.2 Chan 99	APP CRS 240°	Rwy ldg N/A TDZE N/A Apt Elev 65

Procedure NA at night. When local altimeter setting not recieved, use Atlantic City altimeter setting and increase all MDAs 40 feet.

MISSED APPROACH: Climb to 2000 direct VCN VOR/DME and hold.

AWOS-AV	ACY ASOS	ATLANTIC CITY APP CON	GCO	UNICOM	
122.7	125.725 316.15	134.25 292.2	121.725	122.7 (CTAF)	123.5 L



CATEGORY	A	B	C	D
CIRCLING	560-1 495 (500-1)		560-1½ 495 (500-1½)	NA

FAF to MAP 5.1 NM					
Knots	60	90	120	150	180
Min:Sec	5:06	3:24	2:33	2:02	1:42

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

RNAV (GPS) RWY 18
HORNELL MUNI (HTF)

WAAS CH 50425 W18A	APP CRS 175°	Rwy ldg 4500 TDZE 1213 Apt Elev 1219

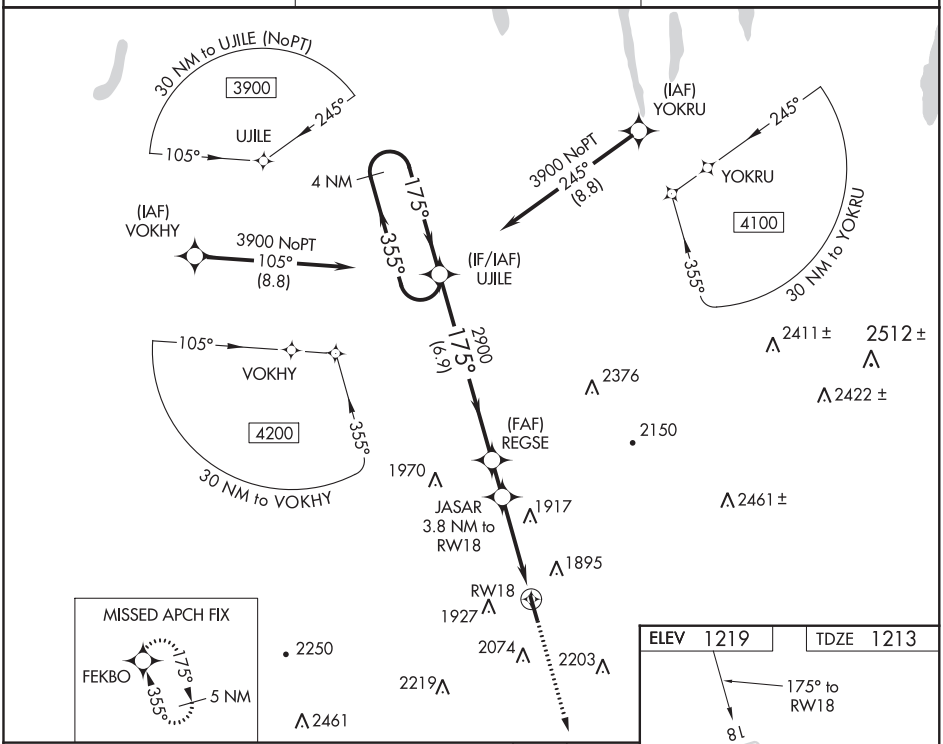
DME/DME RNP-0.3 NA. When local altimeter setting not received, use Dansville altimeter setting and increase all MDA 120 feet. Night landing: Rwy 18 NA. Helicopter visibility reduction below 1 SM NA.

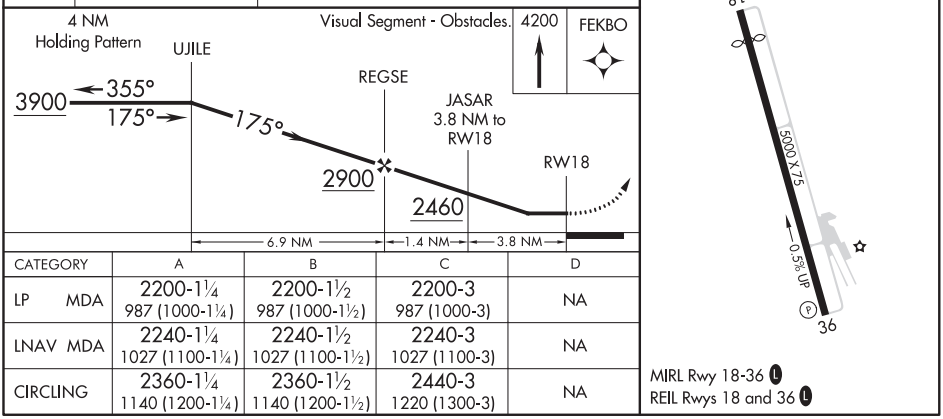
NA

-19°C

MISSED APPROACH: Climb to 4200 direct FEKBO and hold.

AWOS-3	CLEVELAND CENTER	UNICOM
118.475	124.325 353.85	122.7 (CTAF) L





CATEGORY	A	B	C	D
LP MDA	2200-1¼ 987 (1000-1¼)	2200-1½ 987 (1000-1½)	2200-3 987 (1000-3)	NA
LNAV MDA	2240-1¼ 1027 (1100-1¼)	2240-1½ 1027 (1100-1½)	2240-3 1027 (1100-3)	NA
CIRCLING	2360-1¼ 1140 (1200-1¼)	2360-1½ 1140 (1200-1½)	2440-3 1220 (1300-3)	NA

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

HORNELL, NEW YORK | AL-5964 (FAA) | 20198

RNAV (GPS) RWY 36
HORNELL MUNI (HTF)

WAAS CH 97625 W36A	APP CRS 355°	Rwy ldg 5000 TDZE 1195 Apt Elev 1220

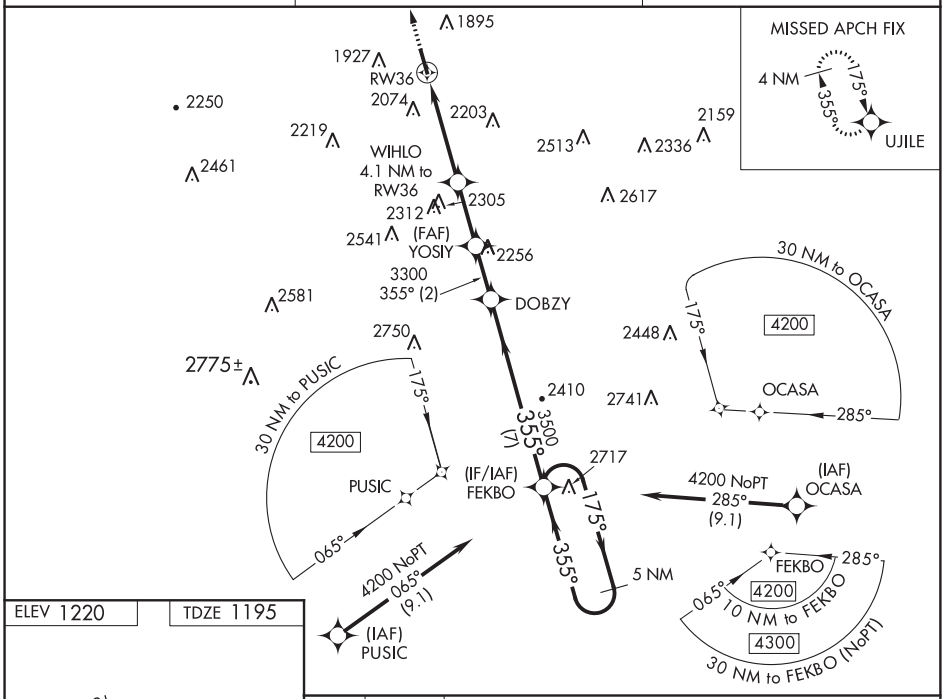
Night landing: RWY 18 NA. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -17°C (2°F) or above 54°C (130°F). DME/DME RNP-0.3 NA. Helicopter visibility reduction below ¾ SM NA. When local altimeter setting not received, use Dansville altimeter setting and increase all DA 105 feet, all MDA 120 feet and LPV all Cats visibility ⅜ mile, LNAV/VNAV all Cats visibility 1 mile, and LNAV Cat B visibility ¼ mile and Cat C visibility ½ mile. VDP and Baro-VNAV NA with Dansville altimeter setting.

NA

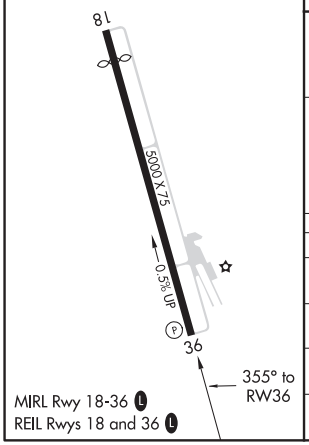
-19°C

MISSED APPROACH: Climb to 3900 direct UJILE and hold.

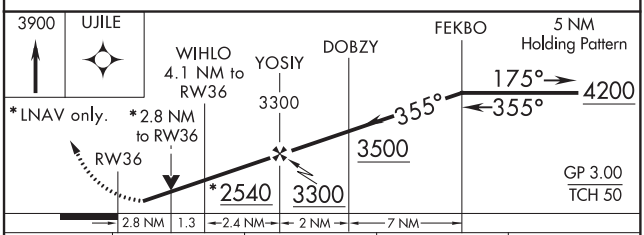
AWOS-3	CLEVELAND CENTER	UNICOM
118.475	124.325 353.85	122.7 (CTAF) L



ELEV 1220 | TDZE 1195



MIRL Rwy 18-36 L
REIL Rwys 18 and 36 L



CATEGORY	A	B	C	D
LPV DA	1660-1½ 465 (500-1½)			NA
LNAV/VNAV DA	2343-4 1148 (1200-4)			NA
LNAV MDA	2120-1¼ 925 (900-1¼)		2120-2½ 925 (900-2½)	NA
CIRCLING	2360-1¼ 1140 (1200-1¼)	2360-1½ 1140 (1200-1½)	2440-3 1220 (1300-3)	NA

NE-2, 10 SEP 2020 to 05 NOV 2020

WAAS CH 77715 W03A	APP CRS 025°	Rwy ldg 5350 TDZE 198 Apt Elev 198

RNAV (GPS) RWY 3
COLUMBIA COUNTY (1B1)

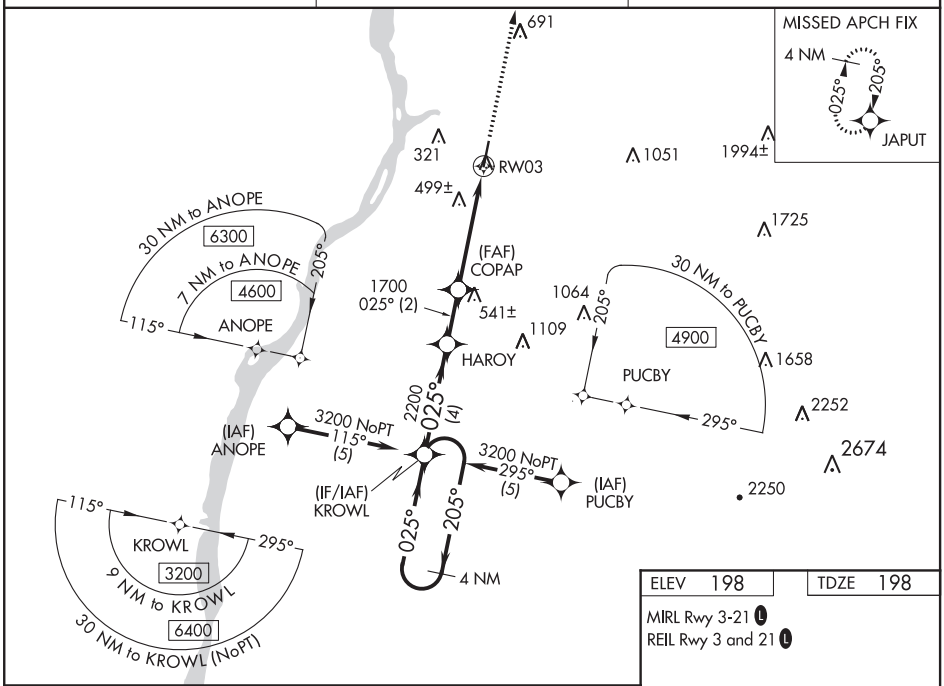
RNP APCH.

NA

Baro-VNAV NA when using Albany altimeter setting. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -15°C (5°F) or above 48°C (118°F). Rwy 3 helicopter visibility reduction below ¾ SM NA. When local altimeter setting not received, use Albany altimeter setting and increase all DA 76 feet and all MDA 80 feet, increase LPV all Cats, LNAV/VNAV all Cats, LNAV Cats C/D visibility ¼ mile.

MISSED APPROACH: Climb to 3200 direct JAPUT and hold, continue climb-in-hold to 3200.

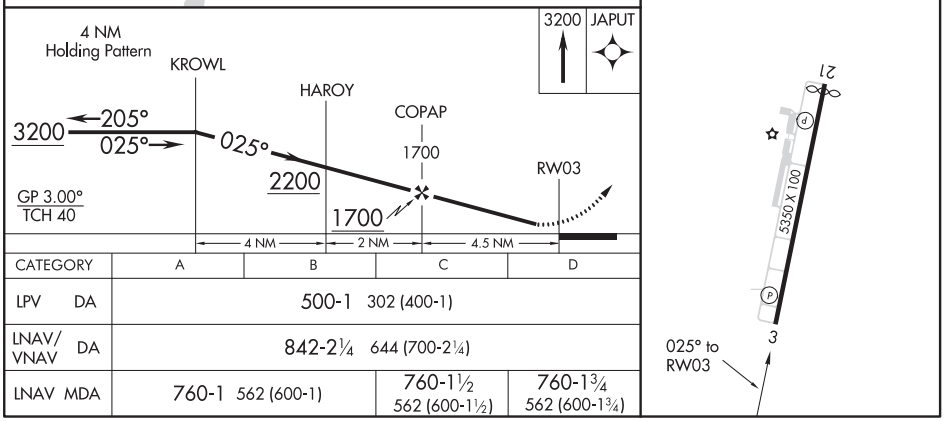
AWOS-3	ALBANY APP CON	UNICOM
133.525	132.825 307.2	123.05 (CTAF) L



ELEV 198 TDZE 198

MIRL Rwy 3-21 L

REIL Rwy 3 and 21 L



CATEGORY	A	B	C	D
LPV DA	500-1 302 (400-1)			
LNAV/VNAV DA	842-2¼ 644 (700-2¼)			
LNAV MDA	760-1 562 (600-1)		760-1½ 562 (600-1½)	760-1¾ 562 (600-1¾)

NE-2, 10 SEP 2020 to 05 NOV 2020
NE-2, 10 SEP 2020 to 05 NOV 2020

HUDSON, NEW YORK | AL-6204 (FAA) | 19283

RNAV (GPS) RWY 21
COLUMBIA COUNTY (1B1)

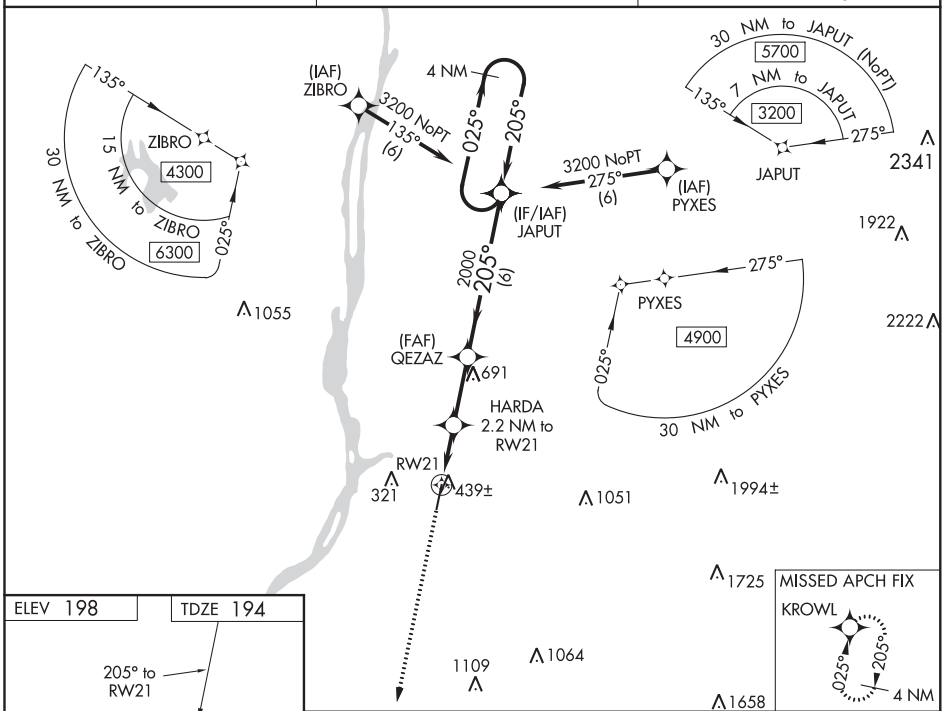
WAAS CH 40215 W21A	APP CRS 205°	Rwy ldg 5190 TDZE 194 Apt Elev 198

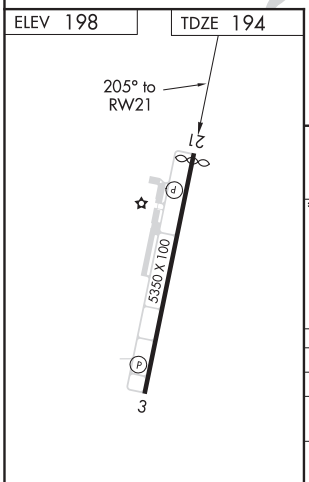
T A NA

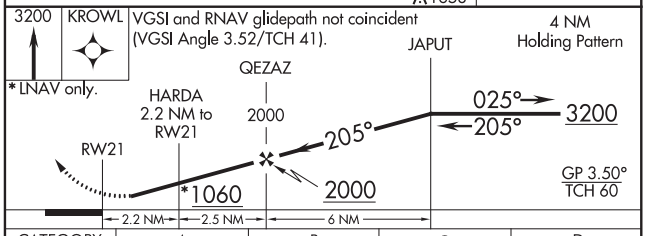
Baro-VNAV NA when using Albany altimeter setting. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -15°C (5°F) or above 14°C (58°F). Rwy 21 helicopter visibility reduction below 1 SM NA. DME/DME RNP -0.3 NA. Straight-In Rwy 21 and Circling Rwy 21 NA at night. When local altimeter setting not received, use Albany altimeter setting and increase LPV DA to 638 feet and visibility to 1⅜ SM all Cats, LNAV/VNAV DA to 709 feet and visibility to 1⅜ SM all Cats; increase all MDA 80 feet, LNAV Cat C/D visibility to 1¾ SM, Circling Cat C to 2¼ SM, and Cat D to 3 SM.

MISSED APPROACH: Climb to 3200 direct KROWL and hold, continue climb-in-hold to 3200.

AWOS-3	ALBANY APP CON	UNICOM
133.525	132.825 307.2	123.05 (CTAF) L







CATEGORY	A	B	C	D
LPV DA	562-1 368 (400-1)			
LNAV/VNAV DA	633-1¼ 439 (500-1¼)			
LNAV MDA	700-1 506 (600-1)		700-1⅜ 506 (600-1⅜)	
C CIRCLING	740-1 542 (600-1)	860-1 662 (700-1)	860-1¾ 662 (700-1¾)	1020-2¾ 822 (900-2¾)

MIRL Rwy 3-21 L
REIL Rwy 3 and 21 L

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

ILS or LOC RWY 32
ITHACA TOMPKINS RGNL (ITH)

LOC I-ITH	APP CRS	Rwy ldg	6602
108.7	325°	TDZE	1099
		Apt Elev	1099

ADF or DME required for LOC only. DME required.

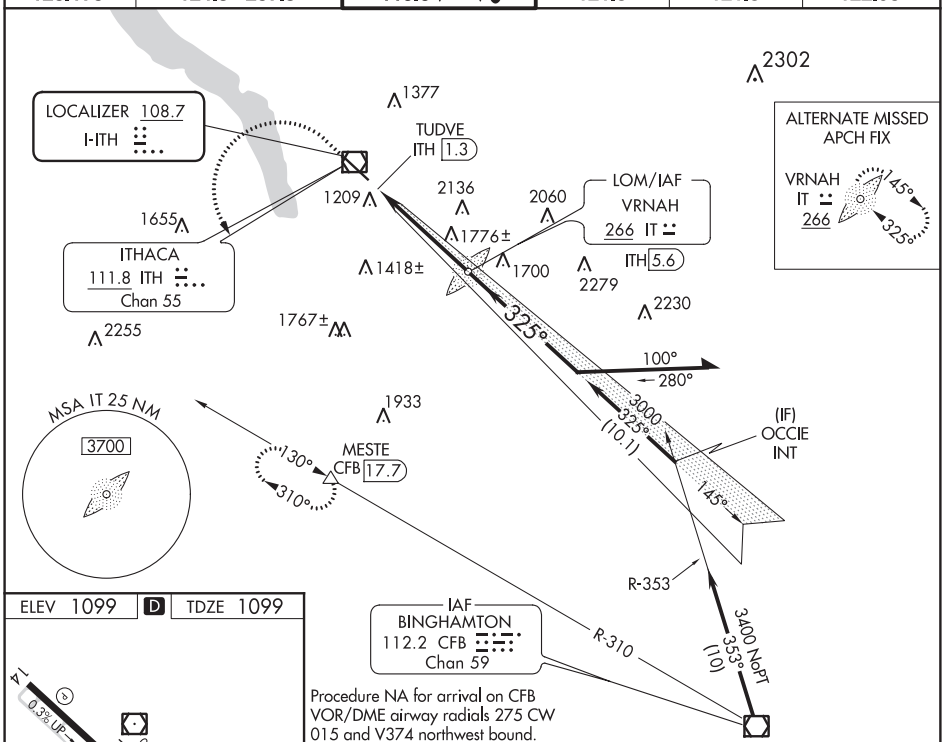
Circling NA to Rwys 15 and 33. Inop table does not apply to S-ILS 32. When local altimeter setting not received, use Elmira altimeter setting and increase S-ILS 32 DA to 1433 feet and all MDA 100 feet; increase S-LOC 32 Cat B visibility to RVR 5500 and increase S-LOC Cat C/D visibility ½ SM and Circling Cat B/C visibility ¼ SM. DME from ITH VOR/DME. Simultaneous reception of I-ITH LOC and ITH DME required.

-19°C

MALSR

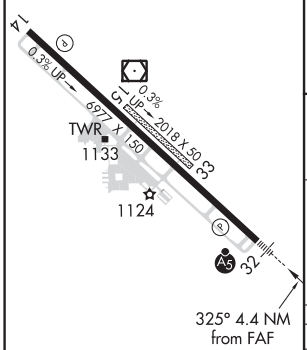
MISSED APPROACH: Climb to 2600 then climbing left turn to 4000 on CFB VOR/DME R-310 to MESTE/CFB VOR/DME 17.7 DME and hold.

ATIS	ELMIRA APP CON ★	ITHACA TOWER ★	GND CON	CLNC DEL	UNICOM
125.175	124.3 257.8	119.6 (CTAF) L	121.8	121.8	122.95



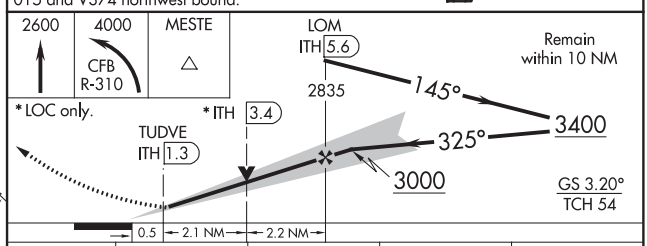
Procedure NA for arrival on CFB VOR/DME airway radials 275 CW 015 and V374 northwest bound.

ELEV 1099	D	TDZE 1099



HIRL Rwy 14-32 L

FAF to MAP 4.4 NM					
Knots	60	90	120	150	180
Min:Sec	4:24	2:56	2:12	1:46	1:28



CATEGORY	A	B	C	D
S-ILS 32	1349/40 250 (300-¾)			
S-LOC 32	2040/40 941 (1000-¾)		2040-2 941 (1000-2)	
C CIRCLING	2040-1¼ 941 (1000-1¼)		2040-2¾ 941 (1000-2¾)	2440-3 1341 (1400-3)

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

WAAS CH 62815 W32A	APP CRS 325°	Rwy ldg 6602 TDZE 1099 Apt Elev 1099

RNAV (GPS) RWY 32
ITHACA TOMPKINS RGNL (ITH)

RNP APCH.

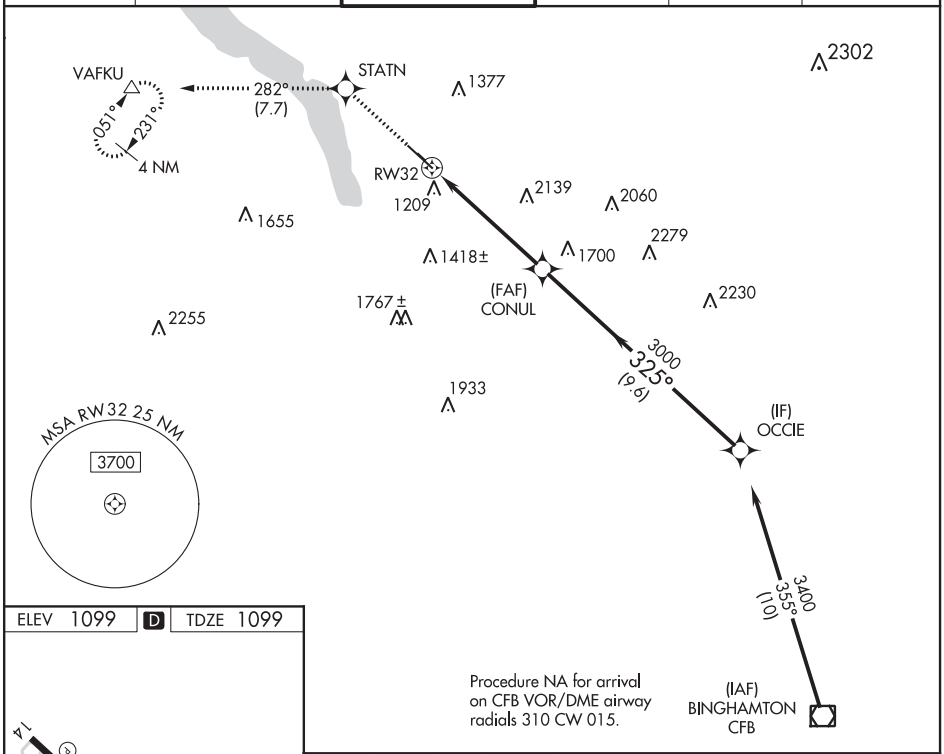
Circling NA to Rwys 15 and 33. Inop table does not apply to LNAV Cat A. Rwy 32 helicopter visibility reduction below ¾ SM NA. When local altimeter setting not received, use Elmira altimeter setting and increase all DA 84 feet and all MDA 100 feet. For inop MALSR, increase LNAV Cat B visibility ¼ mile. For inop MALSR, when using Elmira altimeter setting, increase LPV all Cats visibility to RVR 6000, and increase LNAV Cat B visibility to 1½.

-19°C

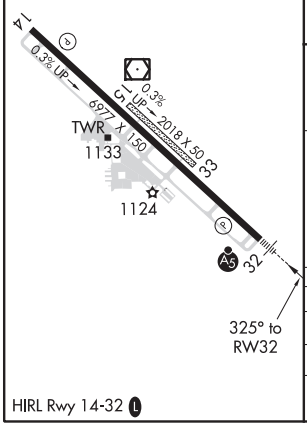
MALSR

MISSED APPROACH: Climb to 3700 direct STATN and on track 282° to VAFKU and hold.

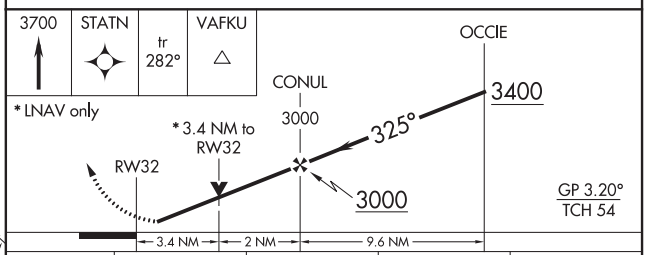
ATIS	ELMIRA APP CON ★	ITHACA TOWER ★	GND CON	CLNC DEL	UNICOM
125.175	124.3 257.8	119.6 (CTAF) L	121.8	121.8	122.95



ELEV 1099 D TDZE 1099



HIRL Rwy 14-32 L



CATEGORY	A	B	C	D
LPV DA	1385/40 286 (300-¾)			
LNAV MDA	2300/60 1201 (1300-1¼)		2300-2½ 1201 (1300-2½)	
C CIRCLING	2300-1¼ 1201 (1300-1¼)	2300-1½ 1201 (1300-1½)	2300-3 1201 (1300-3)	2440-3 1341 (1400-3)

NE-2, 10 SEP 2020 to 05 NOV 2020

APP CRS	Rwy ldg	6602
144°	TDZE	1083
	Apt Elev	1099

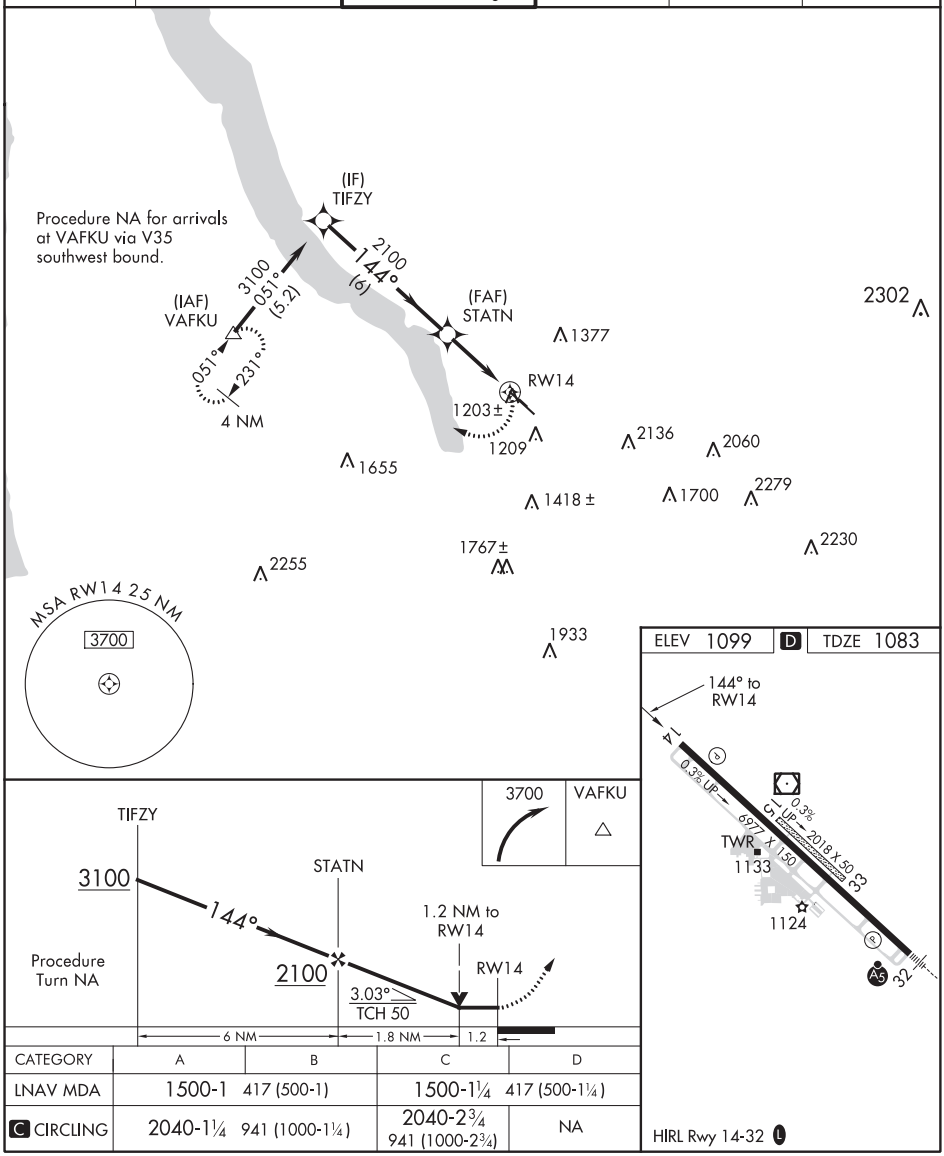
RNAV (GPS) Y RWY 14
ITHACA TOMPKINS RGNL (ITH)

-19°C

DME/DME RNP-0.3 NA.
Helicopter visibility reduction below ¾ SM NA.
Circling NA to Rwys 15 and 33.

MISSED APPROACH:
Climbing right turn to 3700 direct VAFKU and hold.

ATIS	ELMIRA APP CON ★	ITHACA TOWER ★	GND CON	CLNC DEL	UNICOM
125.175	124.3 257.8	119.6 (CTAF) L	121.8	121.8	122.95



CATEGORY	A	B	C	D
LNAV MDA	1500-1 417 (500-1)		1500-1¼ 417 (500-1¼)	
C CIRCLING	2040-1¼ 941 (1000-1¼)		2040-2¾ 941 (1000-2¾)	NA

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

ITHACA, NEW YORK | AL-779 (FAA) | 19339

WAAS CH 50415 W14A	APP CRS 144°	Rwy ldg 6602 TDZE 1083 Apt Elev 1099

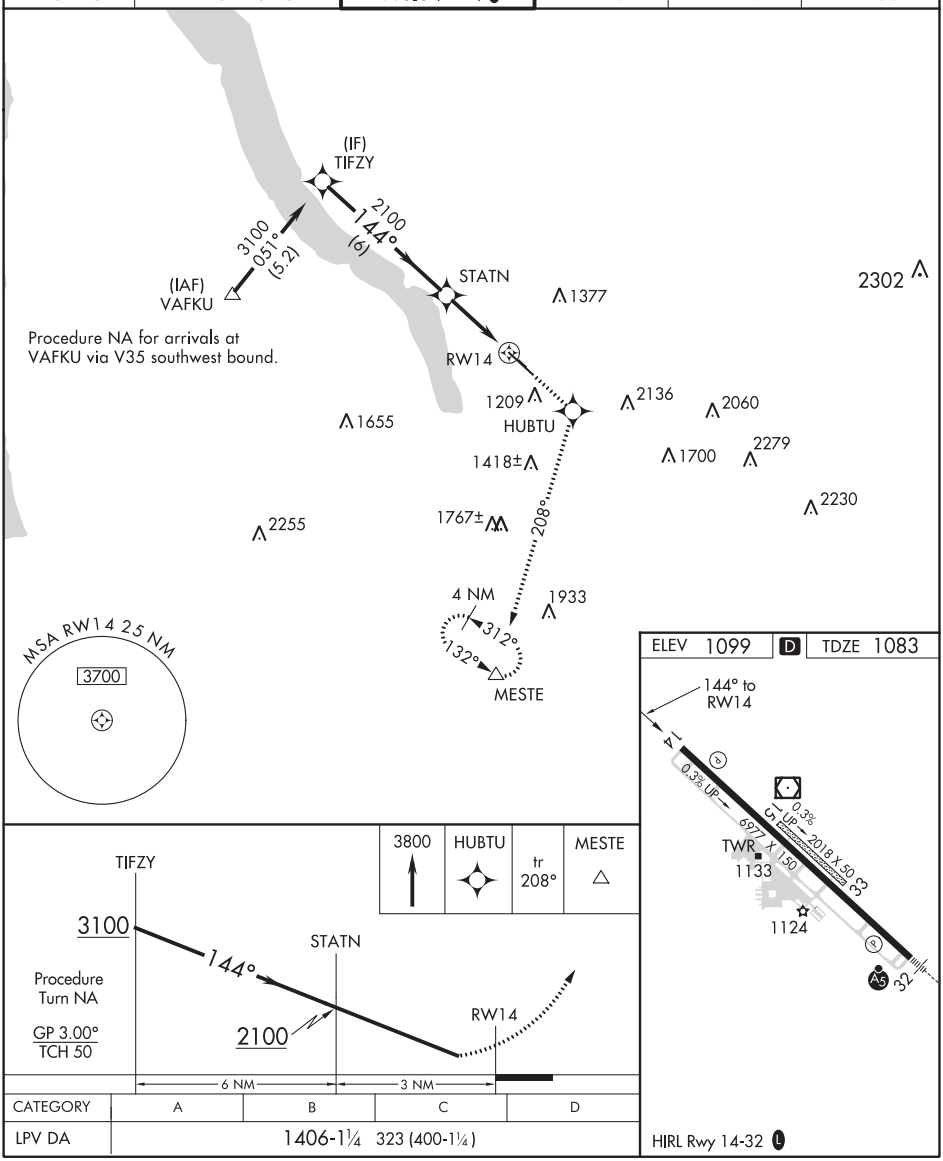
RNAV (GPS) Z RWY 14
ITHACA TOMPKINS RGNL (ITH)

-19°C

DME/DME RNP-0.3 NA. Visibility reduction by helicopters NA. When local altimeter setting not received, use Elmira altimeter setting and increase DA 84 feet and LPV all Cats visibility ¼ mile.

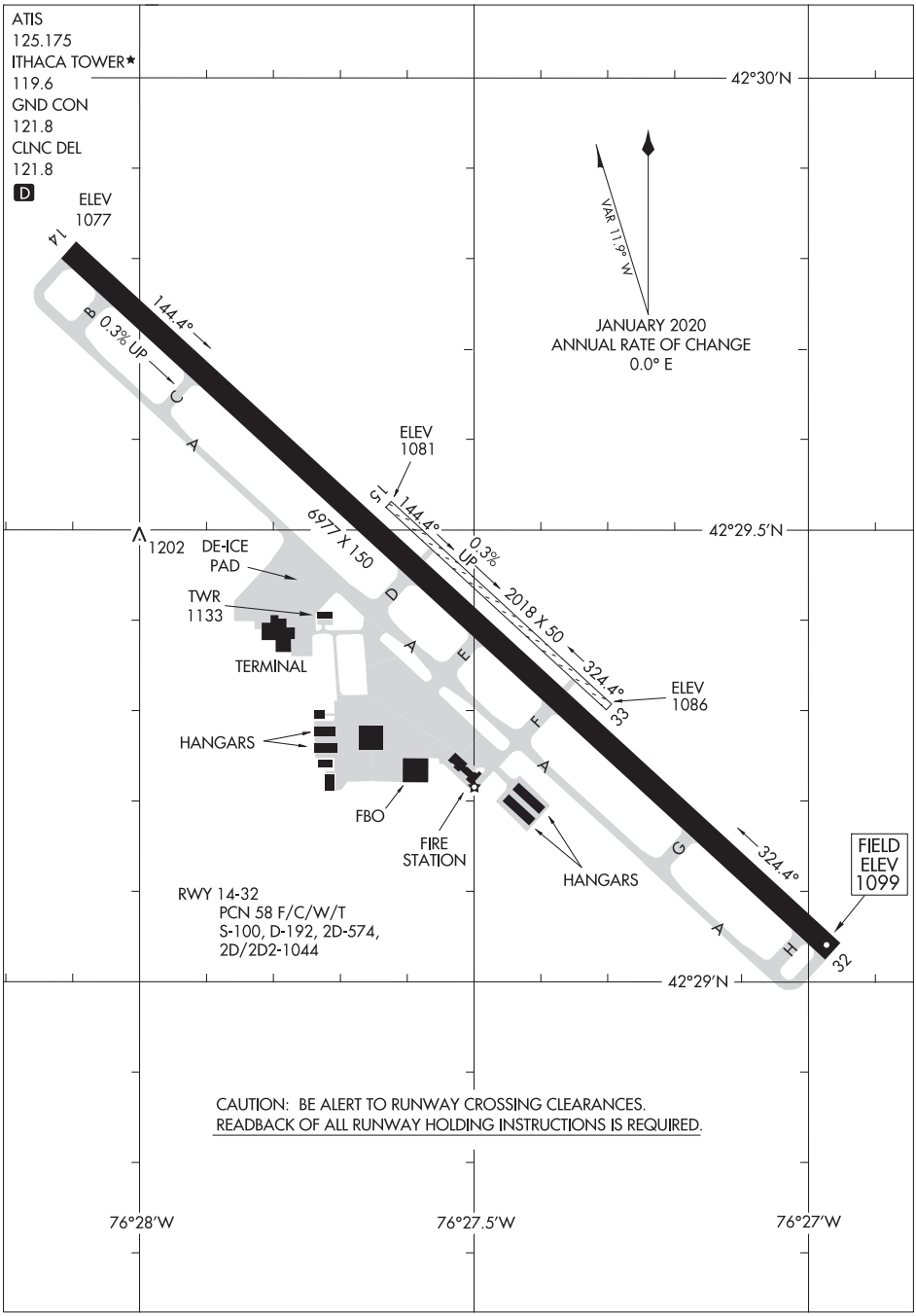
MISSED APPROACH: Climb to 3800 direct HUBTU and via track 208° to MESTE and hold.

ATIS	ELMIRA APP CON ★	ITHACA TOWER ★	GND CON	CLNC DEL	UNICOM
125.175	124.3 257.8	119.6 (CTAF) L	121.8	121.8	122.95



NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020



NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

LOC/DME I-JHW	APP CRS	Rwy ldg	5299
109.7	249°	TDZE	1721
Chan 34		Apt Elev	1723

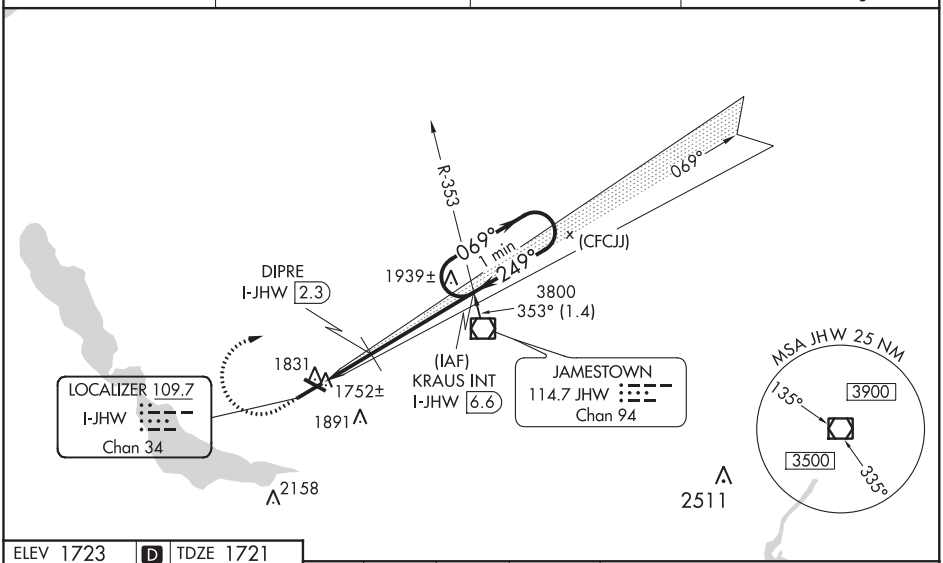
ILS or LOC RWY 25
CHAUTAUQUA COUNTY/JAMESTOWN (JHW)

Circling to Rwy 13/31 NA at night. Autopilot coupled approach NA below 2420. VDP NA with Dunkirk altimeter setting. Cat D SI NA when using Dunkirk altimeter. When local altimeter setting not received, use Dunkirk altimeter setting and increase S-ILS 25 DA to 2161 and all MDA 200 feet; increase S-ILS 25 all Cats visibility ¾ mile; increase S-LOC 25 Cats A and B visibility to ¾, Circling Cats A and B 1¼ , increase S-LOC 25 Cats C and D visibility to 2, Circling Cats C visibility 2¾ and D visibility 3, DIPRE fix minimums increase S-LOC 25 Cats C and D visibility 1⅛ , and Circling Cats C visibility 2 and Cat D visibility 2¾ mile. For inoperative MALSR when using Dunkirk altimeter setting, increase S-ILS 25 all Cats visibility 1⅜ mile. VDP NA when using Dunkirk altimeter setting.

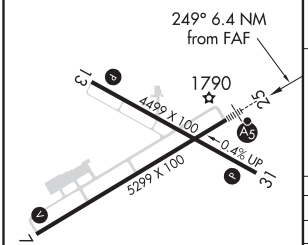
MALSR

MISSED APPROACH: Climb to 2420 then climbing right turn to 3800 on heading 125° and I-JHW course NE to KRAUS INT/I-JHW 6.6 DME and hold.

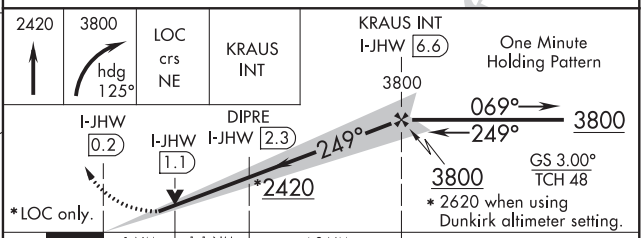
AWOS-3PT	BUFFALO APP CON★	CLNC DEL	UNICOM
118.425	126.05	126.05	122.7 (CTAF) L



ELEV 1723 | D | TDZE 1721



REIL Rwy 31 L
MIRL Rwy 13-31 L
HIRL Rwy 7-25 L



CATEGORY	A	B	C	D
S-ILS 25	1971-½ 250 (300-½)			
S-LOC 25	2420-½ 699 (700-½)		2420-1½ 699 (700-1½)	
C CIRCLING	2420-1 697 (700-1)		2420-2 697 (700-2)	2420-2¼ 697 (700-2¼)
DIPRE FIX MINIMUMS (DME REQUIRED)				
S-LOC 25	2080-½ 359 (400-½)		2080-⅝ 359 (400-⅝)	
C CIRCLING	2200-1 477 (500-1)		2200-1½ 477 (500-1½)	2340-2 617 (700-2)

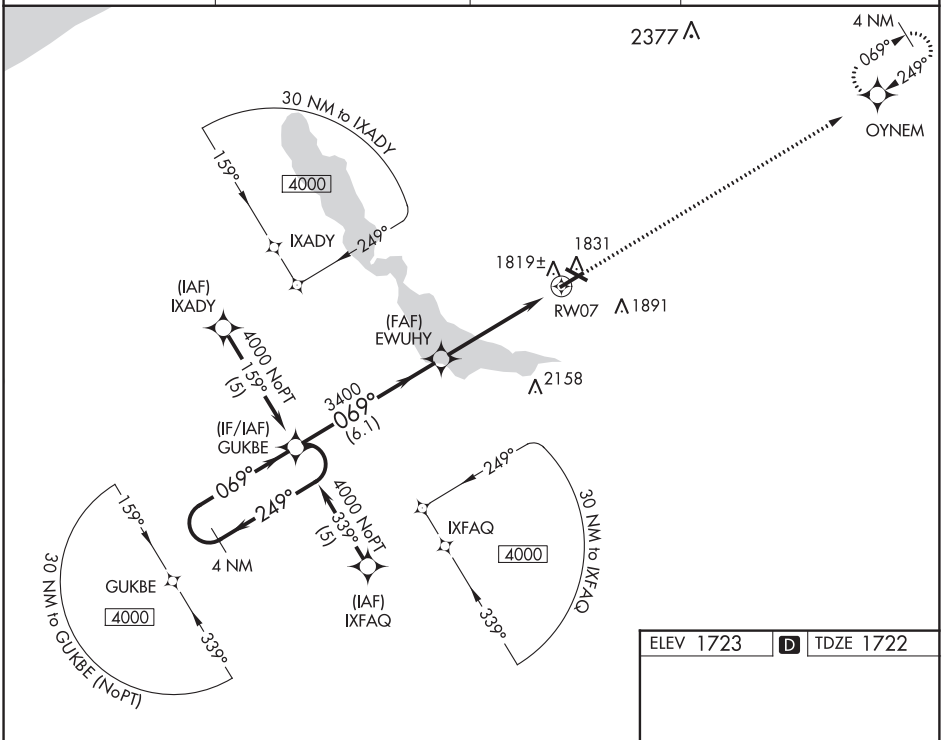
APP CRS	Rwy ldg	5299
069°	TDZE	1722
	Apt Elev	1723

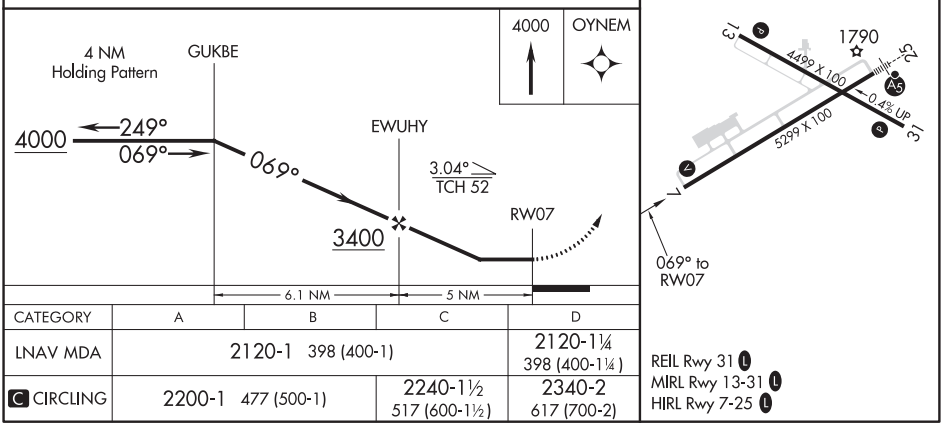
RNAV (GPS) RWY 7
CHAUTAUQUA COUNTY/JAMESTOWN (JHW)

DME/DME RNP-0.3 NA. Helicopter visibility reduction below 1 SM NA. When local altimeter setting not received, use Dunkirk altimeter setting: increase all MDAs 200 feet and visibility LNAV Cats C/D ½ SM, Circling Cat C ½ SM and Circling Cat D ¾ SM. Rwy 7 Straight-in/Circling and Circling to Rwy 13/31 NA at night.

MISSED APPROACH: Climb to 4000 direct OYNEM and hold.

AWOS-3PT	BUFFALO APP CON *	CLNC DEL	UNICOM
118.425	126.05	126.05	122.7 (CTAF) L





CATEGORY	A	B	C	D
LNAV MDA	2120-1 398 (400-1)			2120-1¼ 398 (400-1¼)
C CIRCLING	2200-1 477 (500-1)		2240-1½ 517 (600-1½)	2340-2 617 (700-2)

REIL Rwy 31 L
MIRL Rwy 13-31 L
HIRL Rwy 7-25 L

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

APP CRS	Rwy ldg	4499
129°	TDZE	1723
	Apt Elev	1723

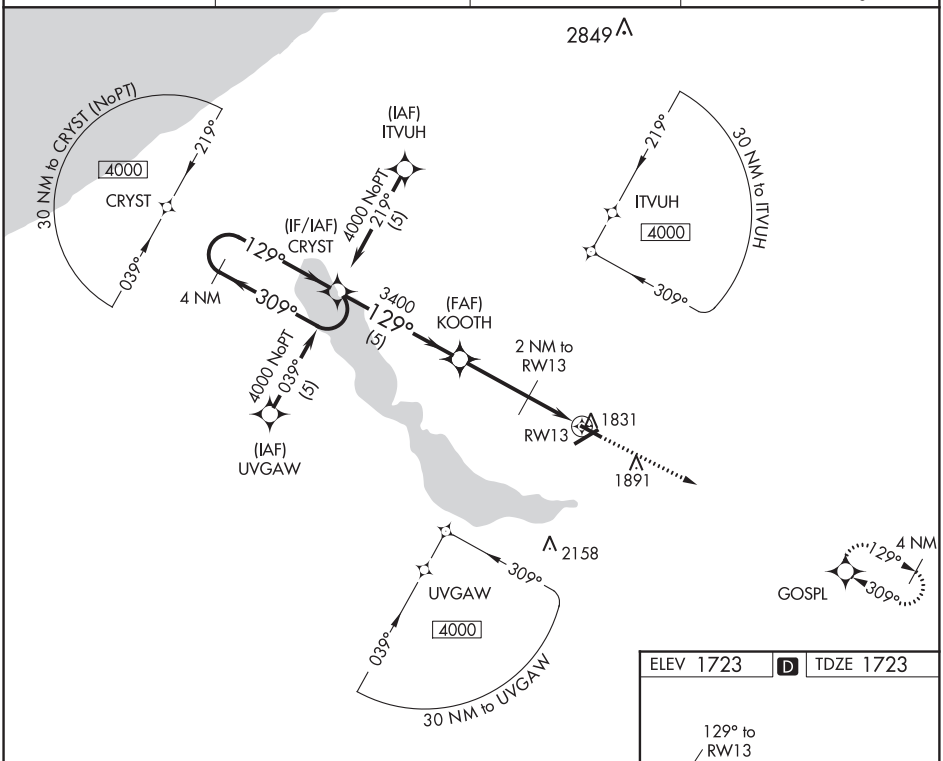
RNAV (GPS) RWY 13
CHAUTAUQUA COUNTY/JAMESTOWN (JHW)

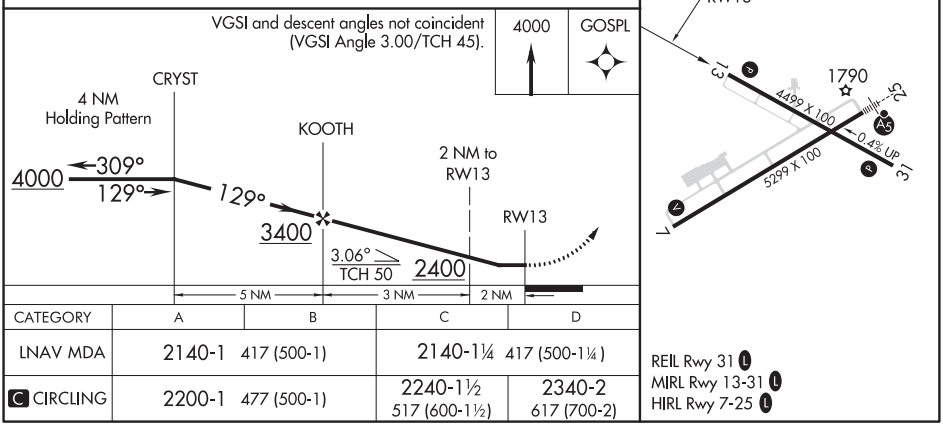
T NA

DME/DME RNP-0.3 NA. Rwy 13 Straight-in/Circling and Circling to Rwy 31 NA at night. When local altimeter setting not received, use Dunkirk altimeter setting: increase all MDAs 200 feet and visibility LNAV Cat C/D and Circling Cat C ½ SM and Circling Cat D ¾ SM. Helicopter visibility reduction below 1 SM NA.

MISSED APPROACH: Climb to 4000 direct GOSPL WP and hold.

AWOS-3PT	BUFFALO APP CON *	CLNC DEL	UNICOM
118.425	126.05	126.05	122.7 (CTAF) L





CATEGORY	A	B	C	D
LNAV MDA	2140-1 417 (500-1)		2140-1¼ 417 (500-1¼)	
C CIRCLING	2200-1 477 (500-1)		2240-1½ 517 (600-1½)	2340-2 617 (700-2)

REIL Rwy 31 L
MIRL Rwy 13-31 L
HIRL Rwy 7-25 L

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

WAAS CH 62910 W25A	APP CRS 249°	Rwy ldg 5299 TDZE 1721 Apt Elev 1723

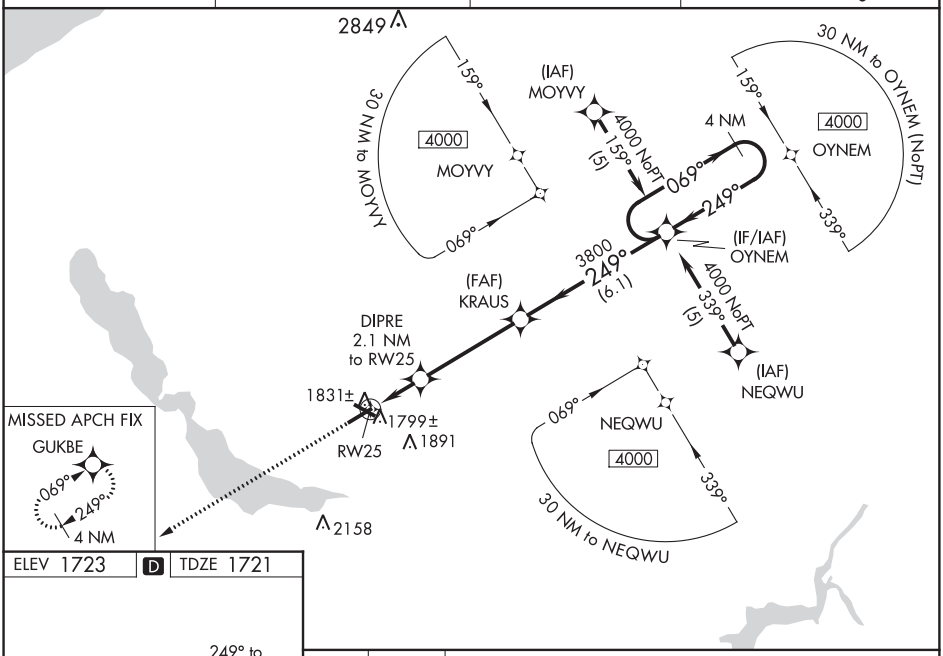
RNAV (GPS) RWY 25
CHAUTAUQUA COUNTY/JAMESTOWN (JHW)

For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -18°C (0°F) or above 54°C (130°F). DME/DME RNP-0.3 NA. When local altimeter setting not received, use Dunkirk altimeter setting: increase LPV DA to 2113 feet and visibility all Cats ½ SM, LNAV/VNAV DA to 2246 feet and visibility all Cats ½ SM; increase all MDAs 200 feet and visibility LNAV Cat C ½ SM, LNAV Cat D ¼ SM, Circling Cat C ½ SM and Circling Cat D ¾ SM. For inoperative MALSR, increase LNAV Cat D visibility to 1¼ mile. For inoperative MALSR when using Dunkirk altimeter setting, increase LPV all Cats visibility to 1½ mile. Baro-VNAV and VDP NA when using Dunkirk altimeter setting. Circling to Rwy 13/31 NA at night.

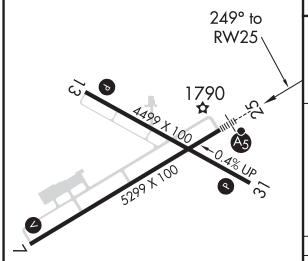
MALSR

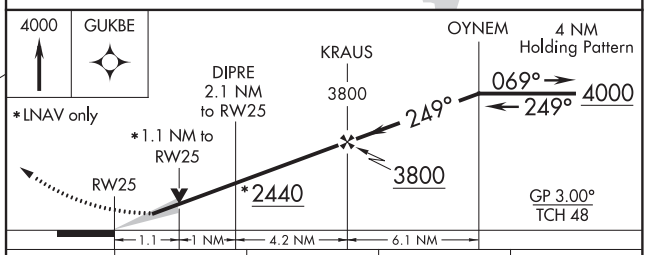
MISSED APPROACH: Climb to 4000 direct GUKBE and hold.

AWOS-3PT	BUFFALO APP CON ★	CLNC DEL	UNICOM
118.425	126.05	126.05	122.7 (CTAF) L



ELEV 1723 | D | TDZE 1721





CATEGORY	A	B	C	D
LPV DA	1921-½ 200 (200-½)			
LNAV/VNAV DA	2054-¾ 333 (400-¾)			
LNAV MDA	2100-½ 379 (400-½)			2100-1 379 (400-1)
C CIRCLING	2200-1 477 (500-1)		2240-1½ 517 (600-1½)	2340-2 617 (700-2)

REIL Rwy 31 L
MIRL Rwy 13-31 L
HIRL Rwy 7-25 L

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

APP CRS	Rwy ldg	4499
309°	TDZE	1715
	Apt Elev	1723

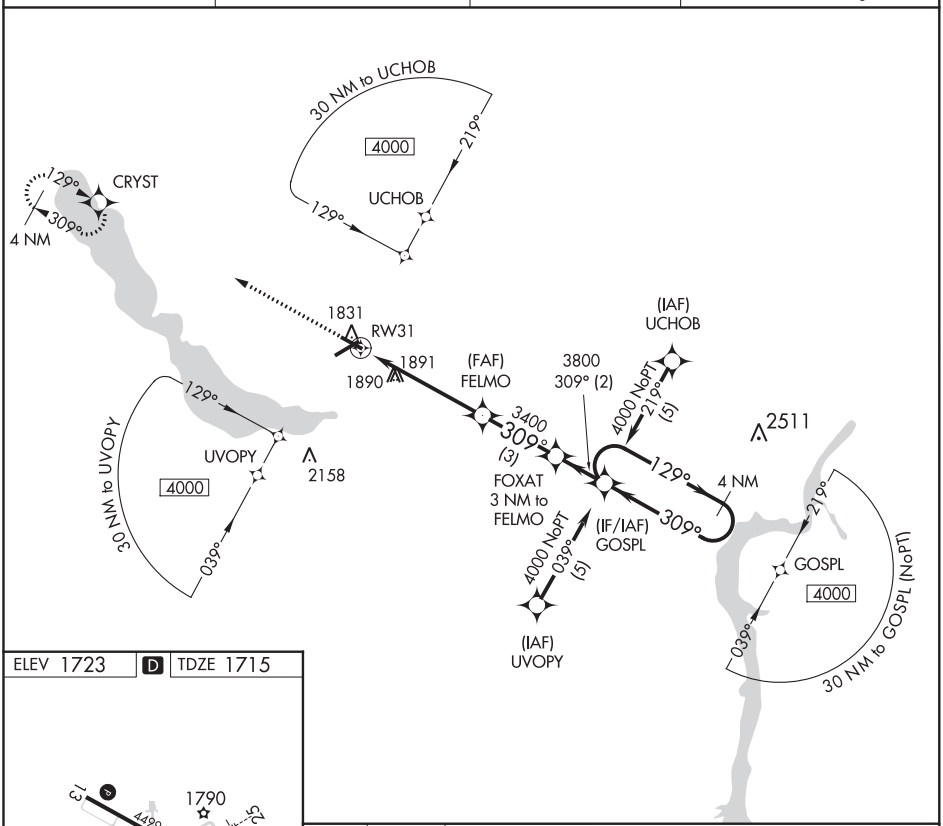
RNAV (GPS) RWY 31
CHAUTAUQUA COUNTY/JAMESTOWN (JHW)

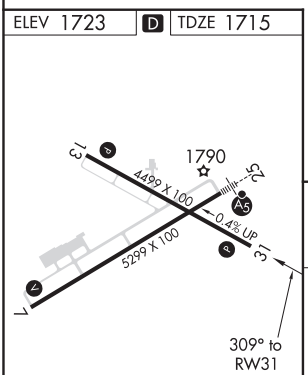
T A NA

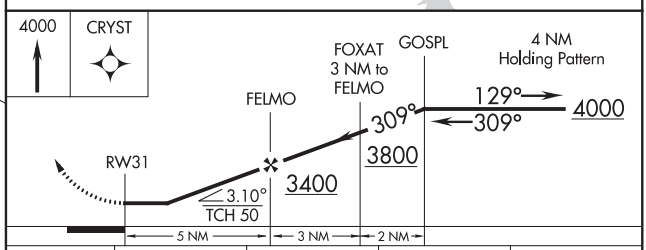
DME/DME RNP-0.3 NA. Rwy 31 Straight-in/Circling and Circling to Rwy 13 NA at night. When local altimeter setting not received, use Dunkirk altimeter setting: increase all MDAs 200 feet and visibility LNAV Cats C/D ⅞ SM, Circling Cat C ½ SM and Circling Cat D ¾ SM. Helicopter visibility reduction below 1 SM NA.

MISSED APPROACH: Climb to 4000 direct CRYST WP and hold.

AWOS-3PT	BUFFALO APP CON ★	CLNC DEL	UNICOM
118.425	126.05	126.05	122.7 (CTAF) L







CATEGORY	A	B	C	D
LNAV MDA	2200-1 485 (500-1)		2200-1¼ 485 (500-1¼)	2200-1½ 485 (500-1½)
C CIRCLING	2200-1 477 (500-1)		2240-1½ 517 (600-1½)	2340-2 617 (700-2)

REIL Rwy 31 L
MIRL Rwy 13-31 L
HIRL Rwy 7-25 L

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

VOR/DME JHW 114.7 Chan 94	APP CRS 258°	Rwy ldg 5299 TDZE 1721 Apt Elev 1723

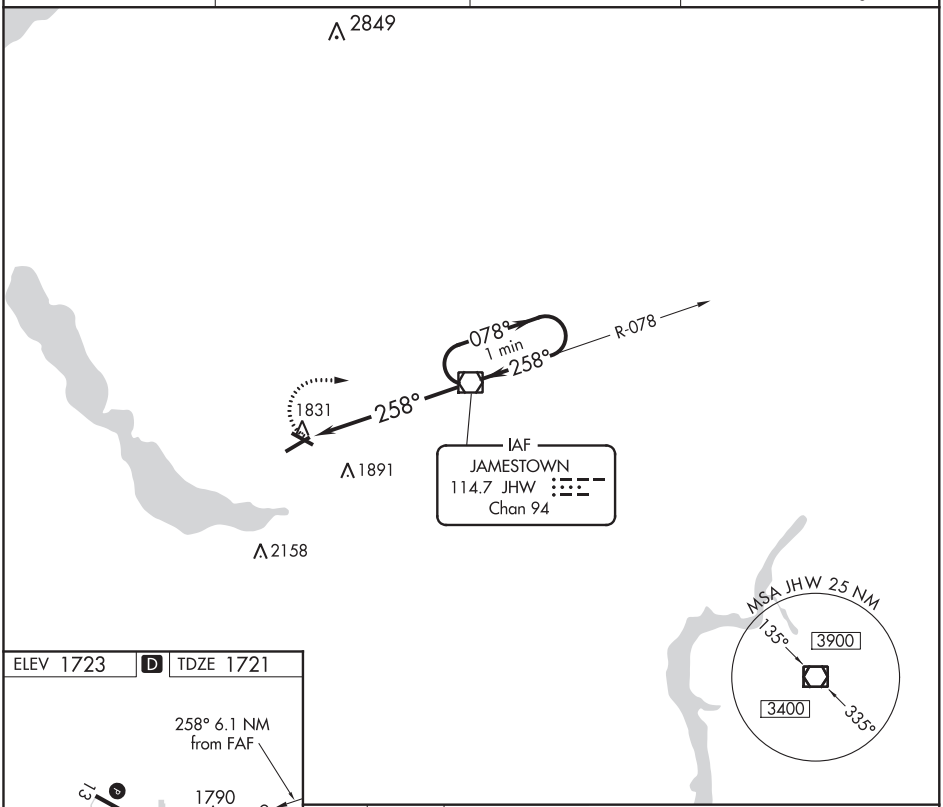
VOR RWY 25
CHAUTAUQUA COUNTY/JAMESTOWN (JHW)

T Inoperative table does not apply. Circling to Rwy 13/31 NA at night.

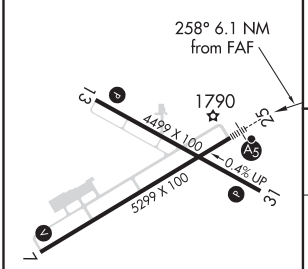
MALSR A5

MISSED APPROACH: Climbing right turn to 3700 direct JHW VOR/DME and hold.

AWOS-3PT	BUFFALO APP CON *	CLNC DEL	UNICOM
118.425	126.05	126.05	122.7 (CTAF) L

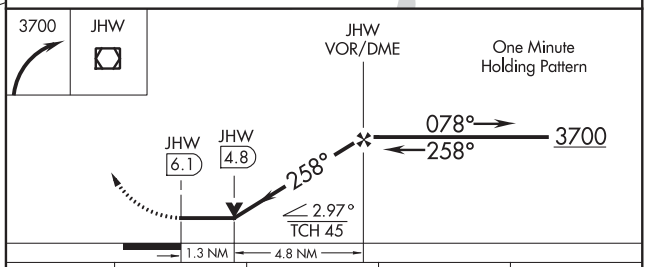


ELEV 1723 D TDZE 1721



REIL Rwy 31 L
MIRL Rwy 13-31 L
HIRL Rwy 7-25 L

FAF to MAP 6.1 NM					
Knots	60	90	120	150	180
Min:Sec	6:06	4:04	3:03	2:26	2:02



CATEGORY	A	B	C	D
S-25	2180-1	459 (500-1)	2180-1¼ 459 (500-1¼)	2180-1½ 459 (500-1½)
C CIRCLING	2200-1	477 (500-1)	2240-1½ 517 (600-1½)	2340-2 617 (700-2)

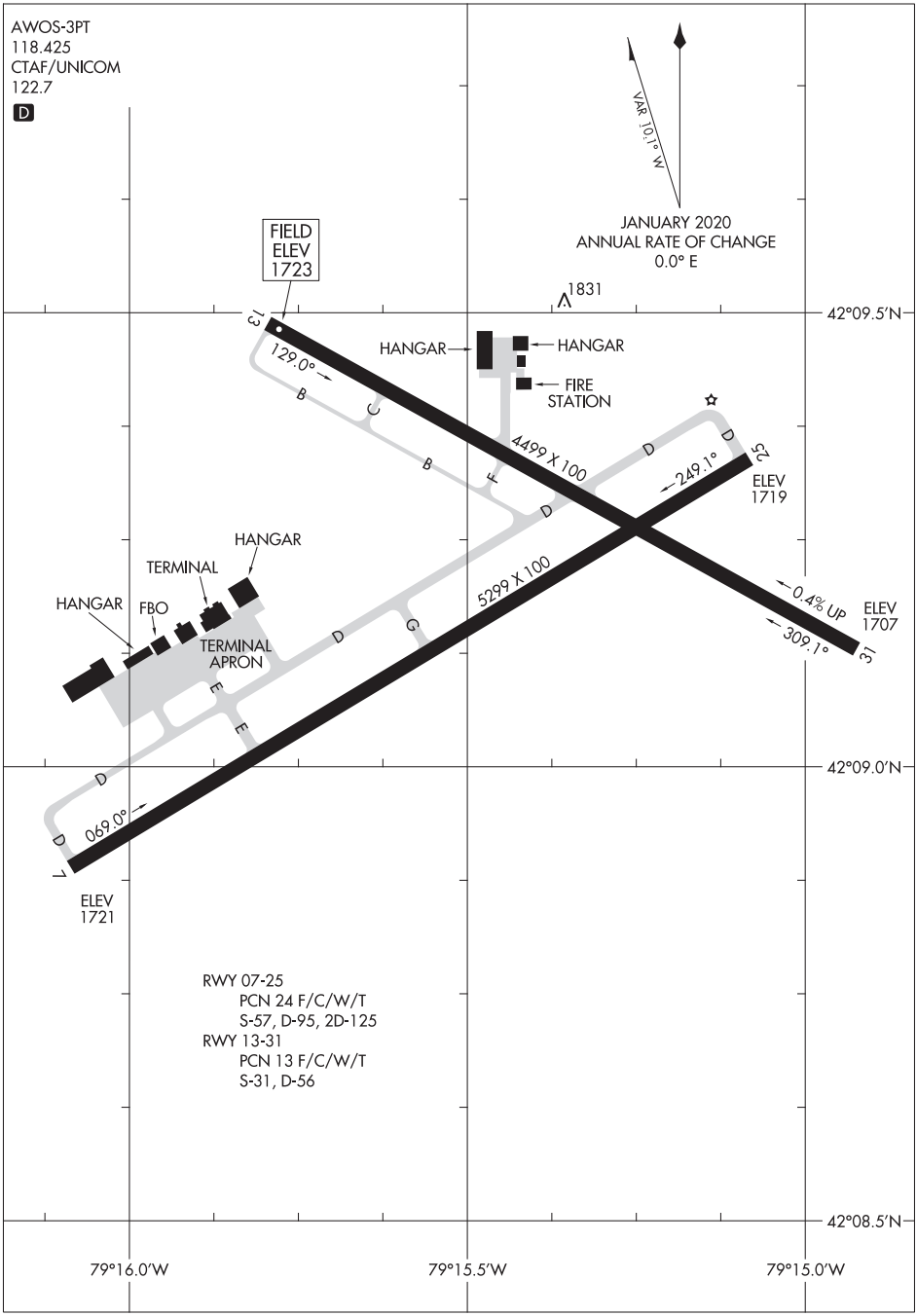
NE-2, 10 SEP 2020 to 05 NOV 2020
NE-2, 10 SEP 2020 to 05 NOV 2020

20254

AIRPORT DIAGRAM

AL-731 (FAA)

CHAUTAUQUA COUNTY (JHW)
JAMESTOWN, NEW YORK



NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

AIRPORT DIAGRAM
20254
JAMESTOWN, NEW YORK
CHAUTAUQUA COUNTY (JHW)

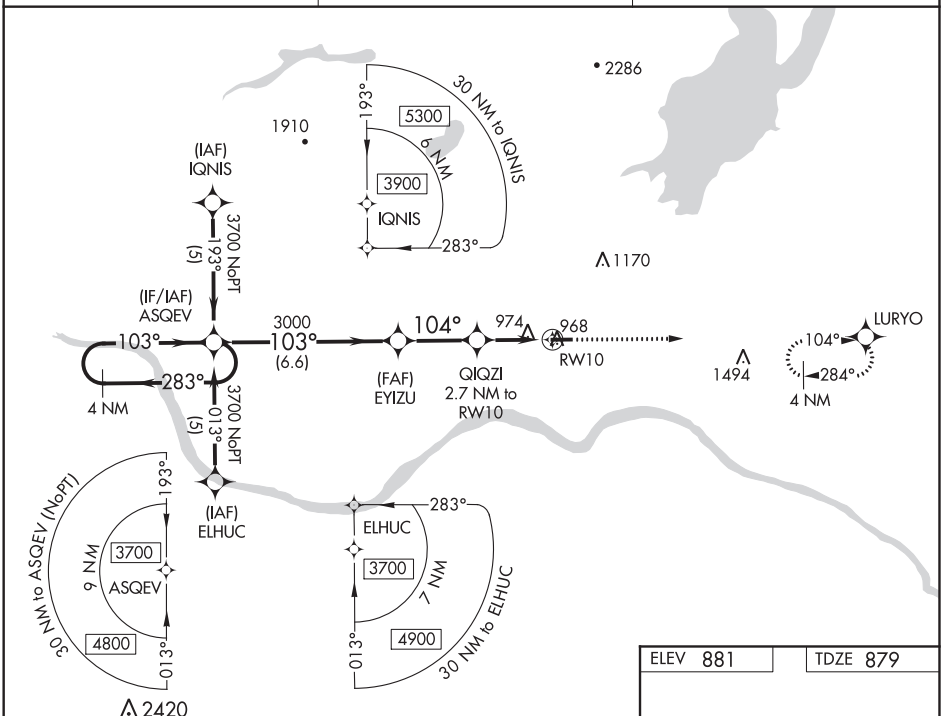
WAAS CH 58219 W10A	APP CRS 104°	Rwy ldg 4000 TDZE 879 Apt Elev 881

RNAV (GPS) RWY 10
FULTON COUNTY (NYØ)

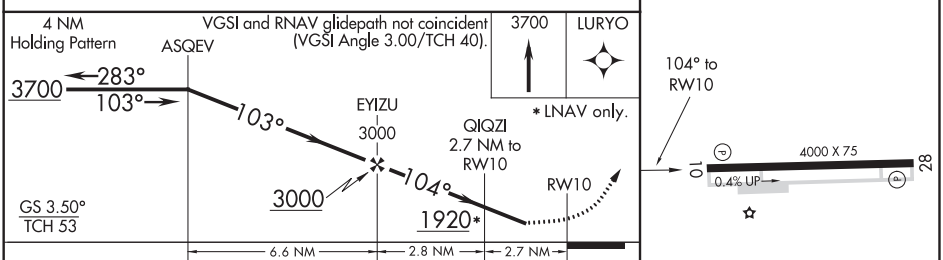
When VGSI inop, procedure NA at night. Baro-VNAV NA. DME/DME RNP-0.3 NA. Visibility reduction by helicopters NA. Use Schenectady altimeter setting; when not received, use Albany Intl altimeter setting and increase all DA/MDA 40 feet and LPV Cats A/B visibility ¼ mile.

MISSED APPROACH: Climb to 3700 direct LURYO and hold.

AWOS-3	ALBANY APP CON	UNICOM
119.225	118.05	122.7 (CTAF) L



ELEV 881 TDZE 879



CATEGORY	A	B	C	D
LPV DA	1287-1¼ 408 (500-1¼)		NA	
LNAV/VNAV DA	1423-1¾ 544 (600-1¾)		NA	
LNAV MDA	1440-1 561 (600-1)		NA	
CIRCLING	1440-1 559 (600-1)		NA	

MIRL Rwy 10-28 L
REIL Rwys 10 and 28 L

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

JOHNSTOWN, NEW YORK

AL-6987 (FAA)

20142

RNAV (GPS) RWY 28

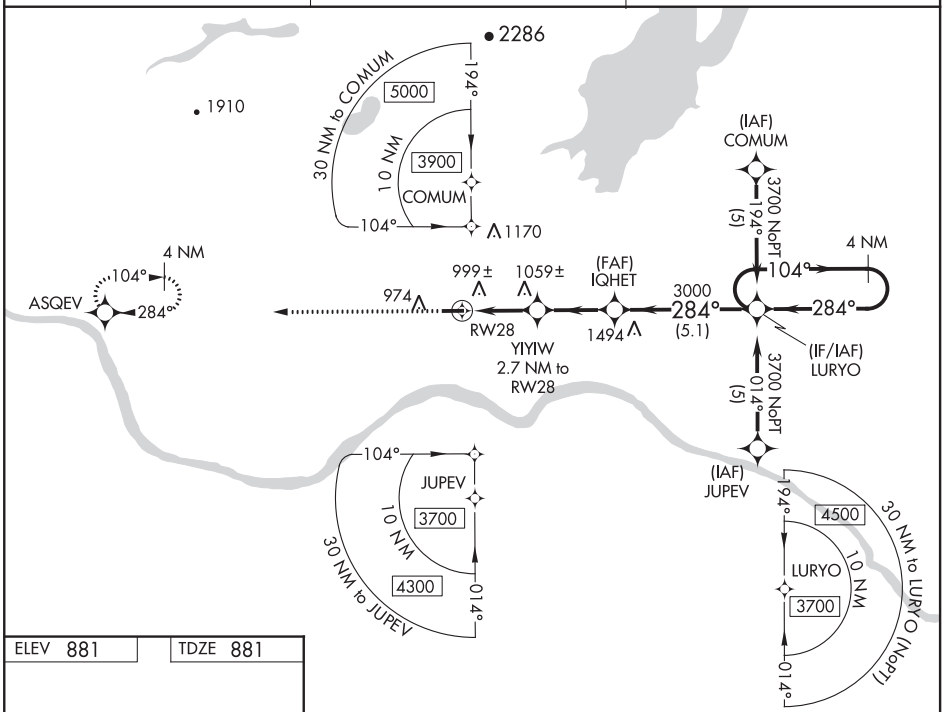
FULTON COUNTY (NYØ)

WAAS CH 53619 W28A	APP CRS 284°	Rwy ldg 4000 TDZE 881 Apt Elev 881

When VGSI inop, procedure NA at night. Baro-VNAV NA.
DME/DME RNP -0.3 NA. Visibility reduction by helicopters NA.
Use Schenectady altimeter setting; when not received, use Albany Intl altimeter setting and increase all DA/MDA 40 feet and LNAV/VNAV Cats A/B visibility ¼ mile.

MISSED APPROACH: Climb to 4000 direct ASQEV and hold.

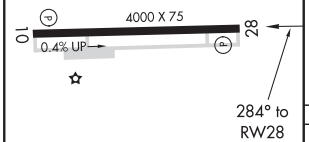
AWOS-3	ALBANY APP CON	UNICOM
119.225	118.05	122.7 (CTAF) L



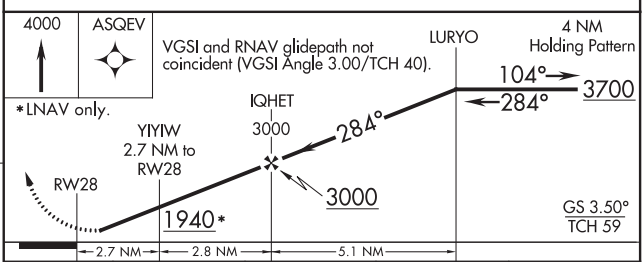
NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

ELEV 881 | TDZE 881



MIRL Rwy 10-28 L
REIL Rwys 10 and 28 L



CATEGORY		A	B	C	D
LPV	DA	1289-1¼ 408 (500-1¼)		NA	
LNAV/VNAV	DA	1411-1½ 530 (600-1½)		NA	
LNAV MDA		1480-1 599 (600-1)		NA	
CIRCLING		1480-1 599 (600-1)		NA	

JOHNSTOWN, NEW YORK
Orig 23SEP10

43°00′N-74°20′W

FULTON COUNTY (NYØ)

RNAV (GPS) RWY 28

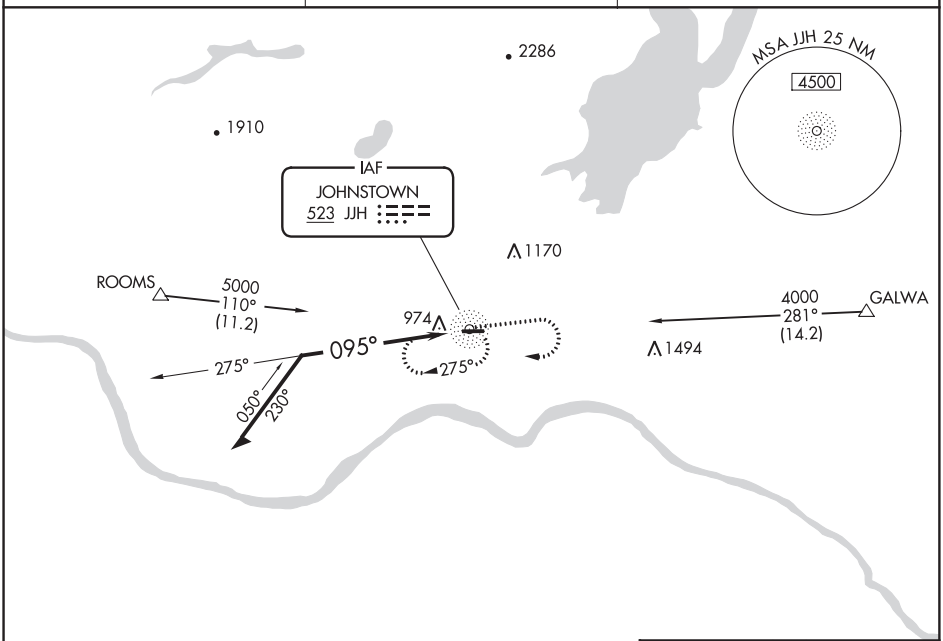
NDB RWY 10
FULTON COUNTY (NYØ)

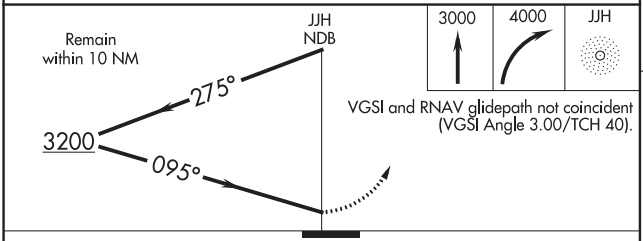
NDB JJH	APP CRS	Rwy ldg	4000
523	095°	TDZE	879
		Apt Elev	881

When VGSI inop, procedure NA at night.
Visibility reduction by helicopters NA.
NA Use Schenectady altimeter setting; when not received, use Albany Intl altimeter setting and increase all MDA 40 feet.

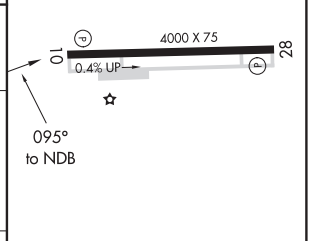
MISSED APPROACH: Climb to 3000 then climbing right turn to 4000 direct JJH NDB and hold.

AWOS-3	ALBANY APP CON	UNICOM
119.225	118.05	122.7 (CTAF) L





ELEV 881 TDZE 879



CATEGORY	A	B	C	D
S-10	1900-1¼ 1021 (1100-1¼)	1900-1½ 1021 (1100-1½)	NA	
CIRCLING	1900-1¼ 1019 (1100-1¼)	1900-1½ 1019 (1100-1½)	NA	

MIRL Rwy 10-28 L
REIL Rwys 10 and 28 L

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

JOHNSTOWN, NEW YORK AL-6987 (FAA) 20142

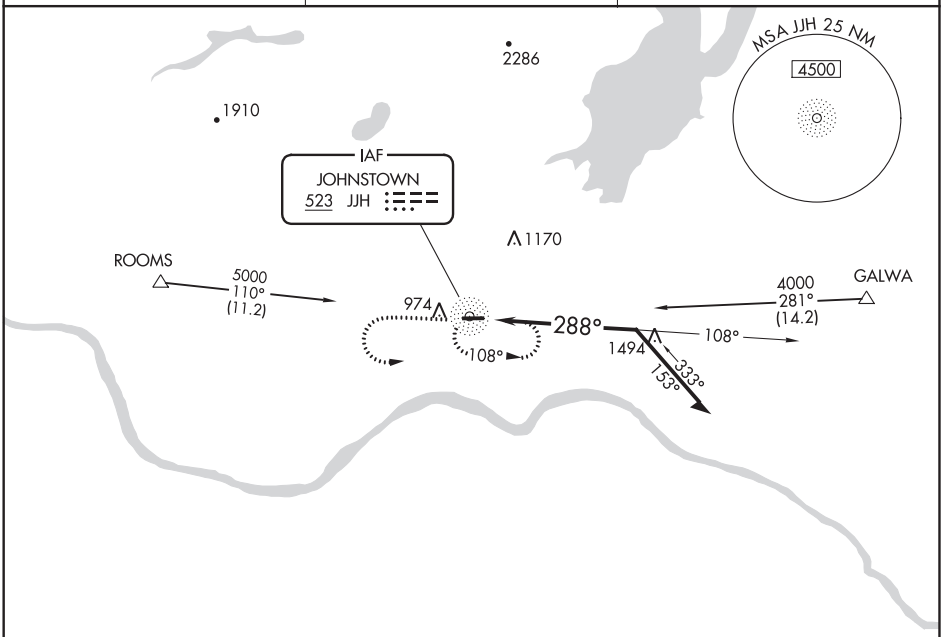
NDB RWY 28
FULTON COUNTY (NYØ)

NDB JJH	APP CRS	Rwy ldg	4000
523	288°	TDZE	881
		Apt Elev	881

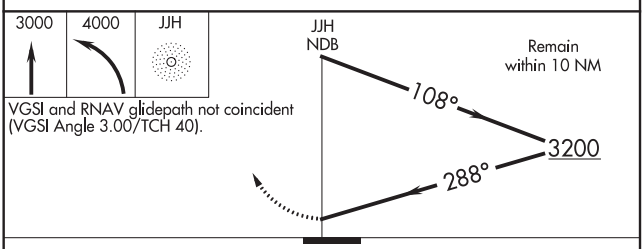
When VGSI inop, procedure NA at night.
Visibility reduction by helicopters NA.
Use Schenectady altimeter setting; when not received, use Albany Intl altimeter setting and increase all MDA 40 feet.

MISSED APPROACH: Climb to 3000 then climbing left turn to 4000 direct JJH NDB and hold.

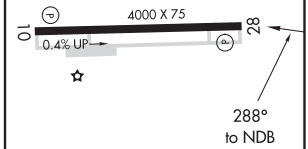
AWOS-3	ALBANY APP CON	UNICOM
119.225	118.05	122.7 (CTAF) L



ELEV 881 TDZE 881



VGSI and RNAV glidepath not coincident
(VGSI Angle 3.00/TCH 40).



CATEGORY	A	B	C	D
S-28	2000-1¼ 1119 (1200-1¼)	2000-1½ 1119 (1200-1½)	NA	
CIRCLING	2000-1¼ 1119 (1200-1¼)	2000-1½ 1119 (1200-1½)	NA	

MIRL Rwy 10-28 L
REIL Rwys 10 and 28 L

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

WAAS CH 40136 W15A	APP CRS 182°	Rwy ldg 2775 TDZE 147 Apt Elev 147

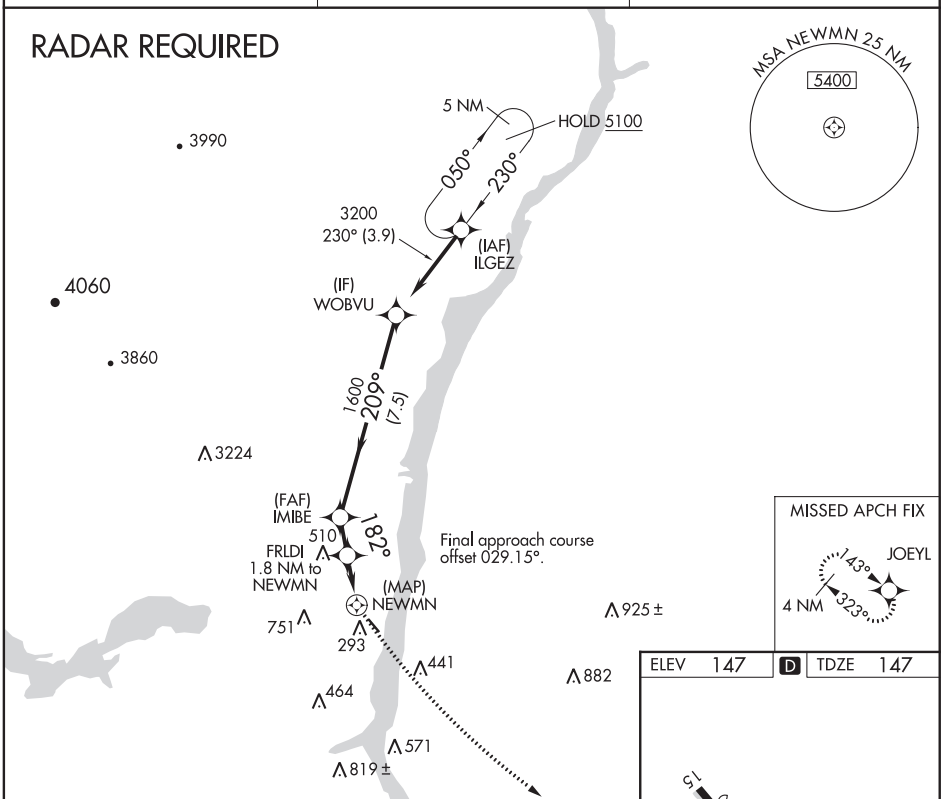
RNAV (GPS) RWY 15
KINGSTON-ULSTER (2ØN)

T
A NA

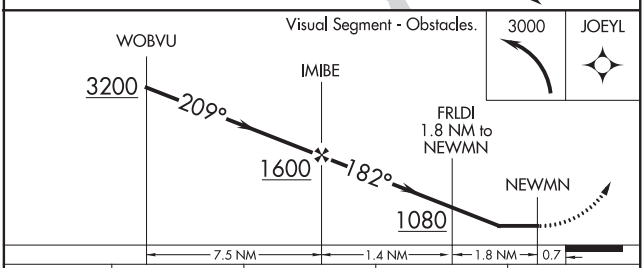
DME/DME RNP-0.3 NA. Helicopter visibility reduction below 1 SM NA. Use Hudson altimeter setting. When not received, use Newburgh altimeter setting and increase all MDA 60 feet. Night landing: Rwy 15 NA.

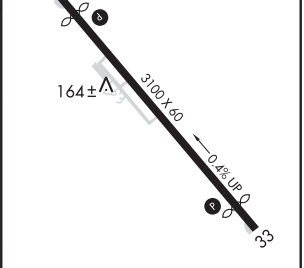
MISSED APPROACH: Climbing left turn to 3000 direct JOEYL and hold.

NEW YORK APP CON	UNICOM	
132.75 363.1	122.8 (CTAF)	123.3 L



ELEV 147	D	TDZE 147





CATEGORY	A	B	C	D
LP MDA	720-1 573 (600-1)		NA	
LNAV MDA	800-1 653 (700-1)		NA	
C CIRCLING	800-1 653 (700-1)	960-1¼ 813 (900-1¼)	NA	

REIL Rwy 33 L
MIRL Rwy 15-33 L

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

KINGSTON, NEW YORK AL-9137 (FAA) 19227

WAAS CH 82336 W33A	APP CRS 333°	Rwy ldg 2630 TDZE 147 Apt Elev 147

RNAV (GPS) RWY 33
KINGSTON-ULSTER (2ØN)

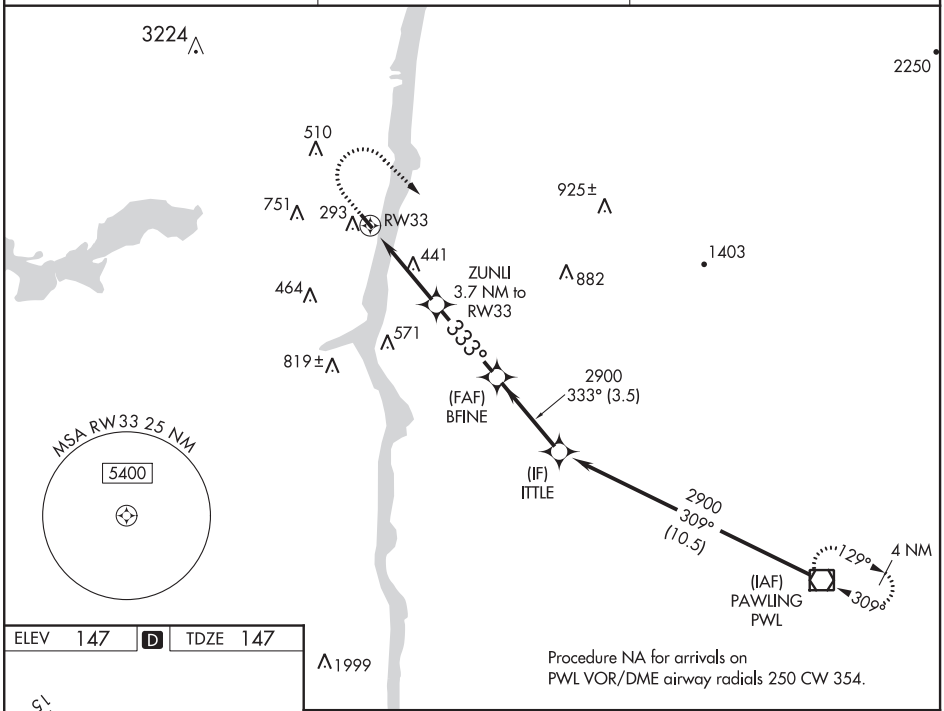
RNP APCH.

T
A NA

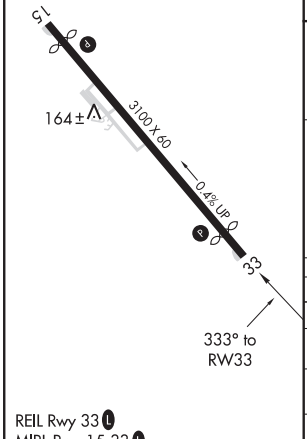
Use Hudson altimeter setting. When not received, use Newburgh altimeter setting and increase all MDA 60 feet. Baro-VNAV NA. Rwy 33 helicopter visibility reduction below 1 SM NA. Straight-in Rwy 33 at night operational VGSI required, remain on or above VGSI glidepath until threshold. Circling Rwy 15 NA at night.

MISSED APPROACH: Climb to 600, then climbing right turn to 3000 direct PWL VOR/DME and hold.

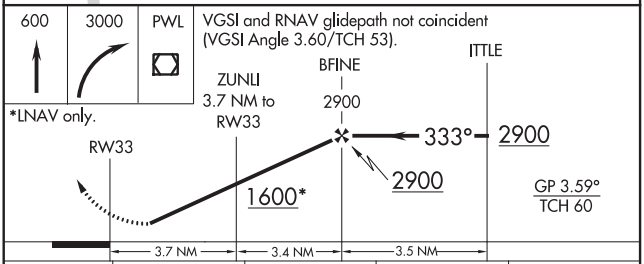
NEW YORK APP CON	UNICOM	
132.75 363.1	122.8 (CTAF)	123.3 L



ELEV 147 D TDZE 147



REIL Rwy 33 L
MIRL Rwy 15-33 L



CATEGORY	A	B	C	D
LPV DA	499-1	352 (400-1)	NA	
LNAV/VNAV DA	635-1⅜	489 (500-1⅜)	NA	
LNAV MDA	880-1 733 (800-1)	880-1¼ 733 (800-1¼)	NA	
C CIRCLING	880-1 733 (800-1)	960-1¼ 813 (900-1¼)	NA	

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

APP CRS	Rwy ldg	4196
125°	TDZE	1746
	Apt Elev	1747

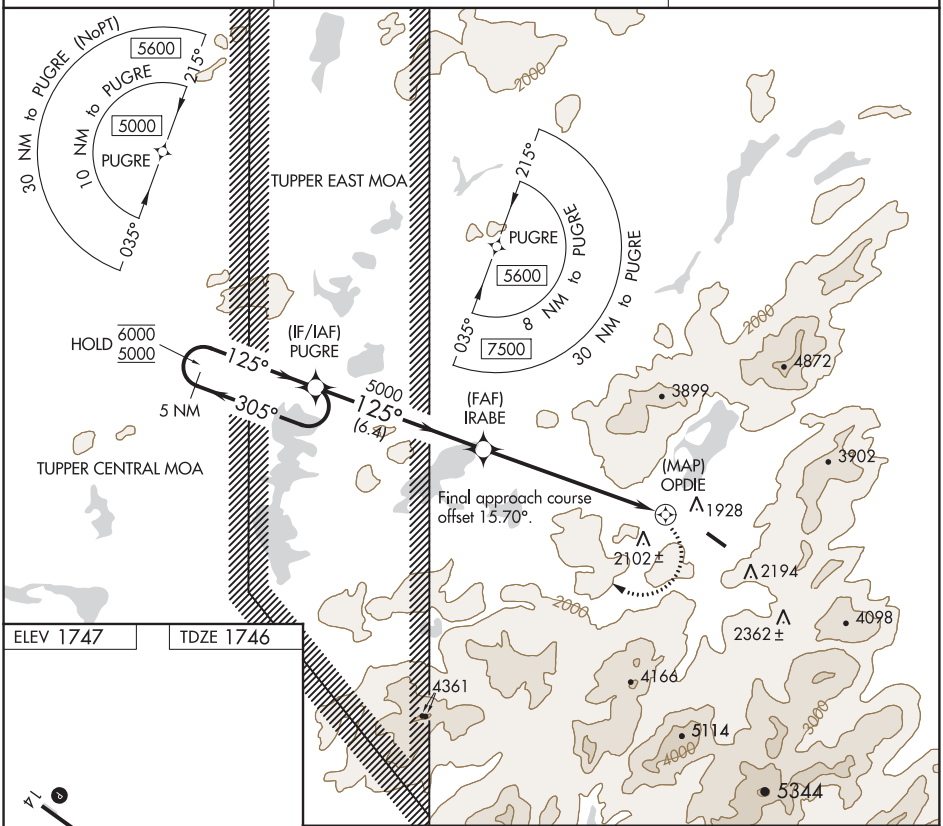
RNAV (GPS) RWY 14
LAKE PLACID (LKP)

RNP APCH.

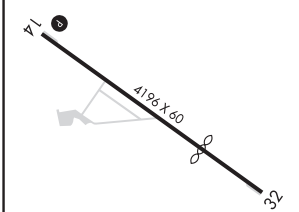
Rwy 14 helicopter visibility reduction below 1 SM NA.
NA
Use Saranac Lake altimeter setting.
-32°C
Procedure NA at night.

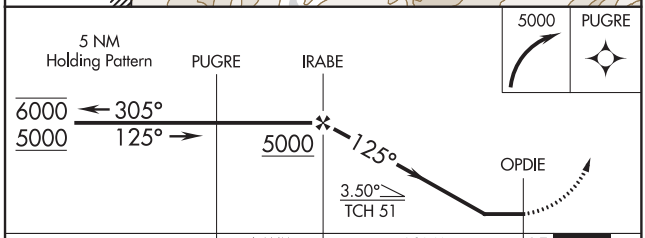
MISSED APPROACH: Climbing right turn to 5000 direct PUGRE and hold.

SLK ASOS	BOSTON CENTER	UNICOM
124.175	120.35 342.25	122.8 (CTAF) L



ELEV 1747 | TDZE 1746





CATEGORY	A	B	C	D
LNAV MDA	3080-2	1334 (1400-2)	NA	
C CIRCLING	3080-2	1333 (1400-2)	NA	

MIRL Rwy 14-32 L

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

LAKE PLACID, NEW YORK | AL-9371 (FAA) | 20254

RNAV (GPS)-A
LAKE PLACID (LKP)

APP CRS	Rwy ldg	N/A
306°	TDZE	N/A
	Apt Elev	1747

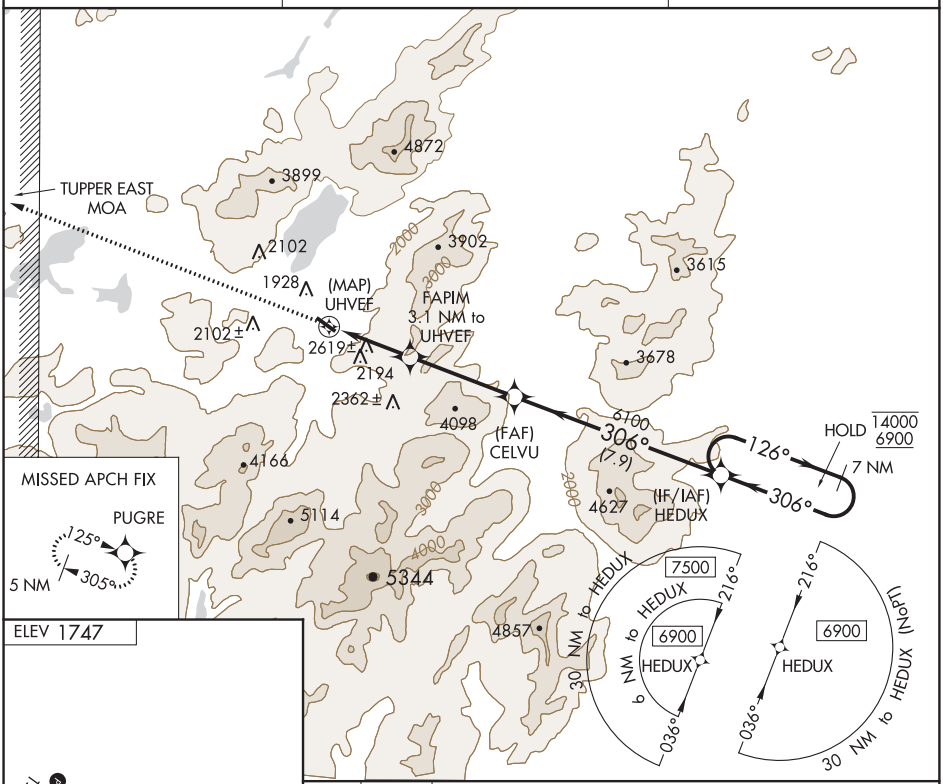
RNP APCH.

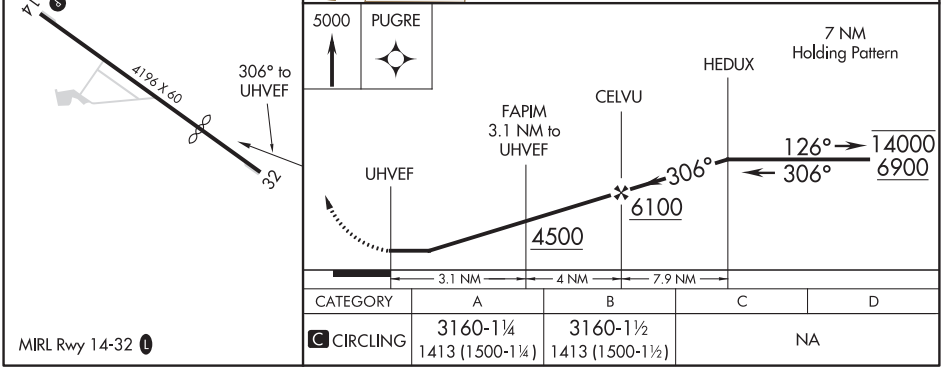
NA
-32°C

Procedure NA at night.
Use Saranac Lake altimeter setting.

MISSED APPROACH: Climb to 5000 direct PUGRE and hold.

SLK ASOS	BOSTON CENTER	UNICOM
124.175	120.35 342.25	122.8 (CTAF) L





CATEGORY	A	B	C	D
C CIRCLING	3160-1¼ 1413 (1500-1¼)	3160-1½ 1413 (1500-1½)	NA	

MIRL Rwy 14-32 L

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

LAKEHURST, NEW JERSEY

RNAV (GPS) RWY 24

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

AL-223 [USN]

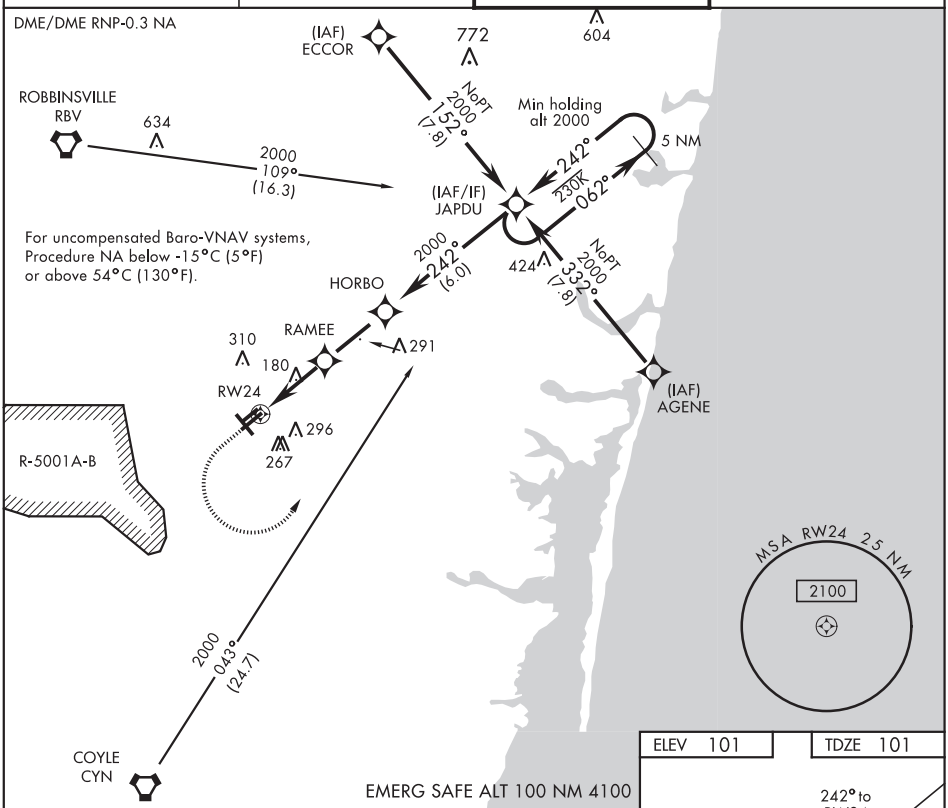
WAAS Chan 60342 W24A	APCH CRS 242°	Rwy ldg 5002 TDZE 101 Arpt Elev 101

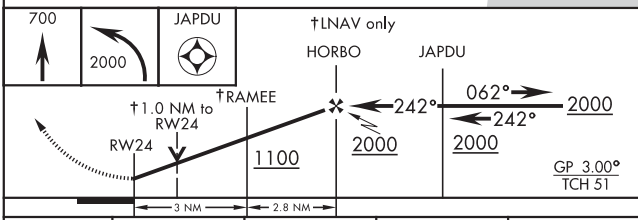
T * When ALS inop, increase vis to ¾ mile.
** When ALS inop, increase CAT ABC vis to ⅞ mile; CAT D vis to 1 mile.
*** When ALS inop, increase vis to 1 mile.

MALSR A5

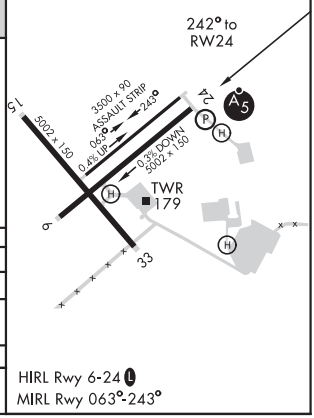
MISSED APPROACH: Climb to 700 then climbing left turn to 2000 direct JAPDU and hold.

ATIS ★	MC GUIRE APP CON	LAKEHURST TOWER ★	GND CON
276.525	126.475 363.8	127.775 360.2	118.375 307.05





ELEV 101 TDZE 101



CATEGORY	A	B	C	D
LPV DA *	301-½ 200 (200-½)			
LNAV/VNAV DA **	383-½ 282 (300-½)	403-½ 302 (400-½)	418-½ 317 (400-½)	436-½ 335 (400-½)
LNAV MDA***	460-½ 359 (400-½)		460-⅝ 359 (400-⅝)	
C CIRCLING	640-1 539 (600-1)	720-1 619 (700-1)	720-1¾ 619 (700-1¾)	720-2 619 (700-2)

HIRL Rwy 6-24 L
MIRL Rwy 063°-243°

LAKEHURST, NEW JERSEY
Amdt 2 05DEC19

40°02′N-74°21′W

LAKEHURST MAXFIELD FLD,
(JOINT BASE MC GUIRE DIX LAKEHURST) (KNEL)
RNAV (GPS) RWY 24

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

LAKEHURST, NEW JERSEY

20086

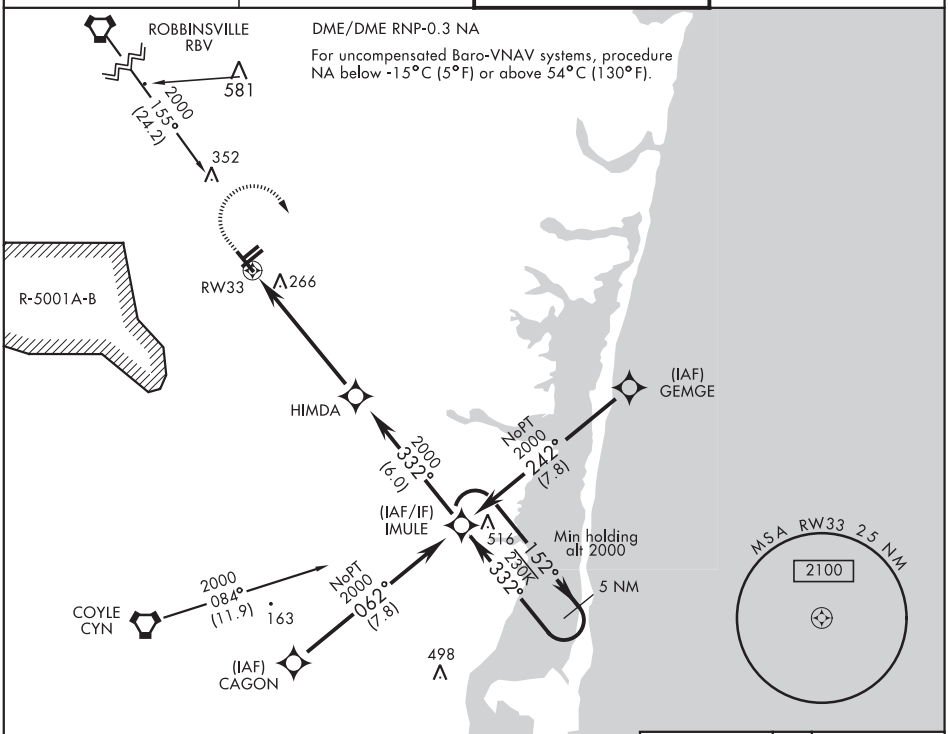
RNAV (GPS) RWY 33

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

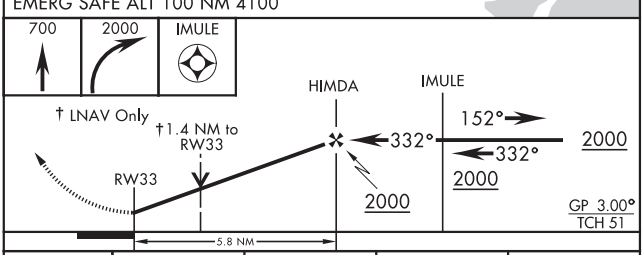
WAAS Chan 80369 W33A	APCH CRS 332°	Rwy ldg 5002 TDZE 88 Arpt Elev 101	AL-223 [USN]

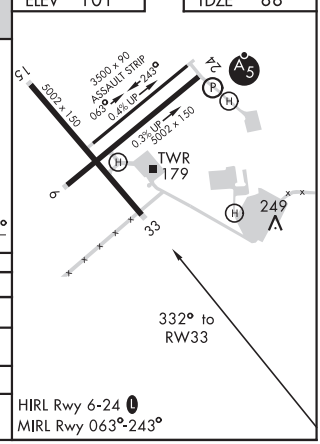
MISSED APPROACH: Climb to 700 then climbing right turn to 2000 direct IMULE and hold.

ATIS ★	MC GUIRE APP CON	LAKEHURST TOWER ★	GND CON
276.525	126.475 363.8	127.775 360.2	118.375 307.05



EMERG SAFE ALT 100 NM 4100





CATEGORY	A	B	C	D
LPV DA	289-¾ 201 (200-¾)			
LNAV/VNAV DA	577-1⅜ 489 (500-1⅜)			
LNAV MDA	600-1 512 (500-1)		600-1⅜ 512 (500-1⅜)	
C CIRCLING	640-1 539 (600-1)	720-1 619 (700-1)	720-1¾ 619 (700-1¾)	720-2 619 (700-2)

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

LAKEHURST, NEW JERSEY

40°02′N-74°21′W

Amdt 2 05DEC19

LAKEHURST MAXFIELD FLD,
(JOINT BASE MC GUIRE DIX LAKEHURST) (KNEL)
RNAV (GPS) RWY 33

LAKEHURST, NEW JERSEY

VOR or VOR/DME or TACAN Y RWY 33

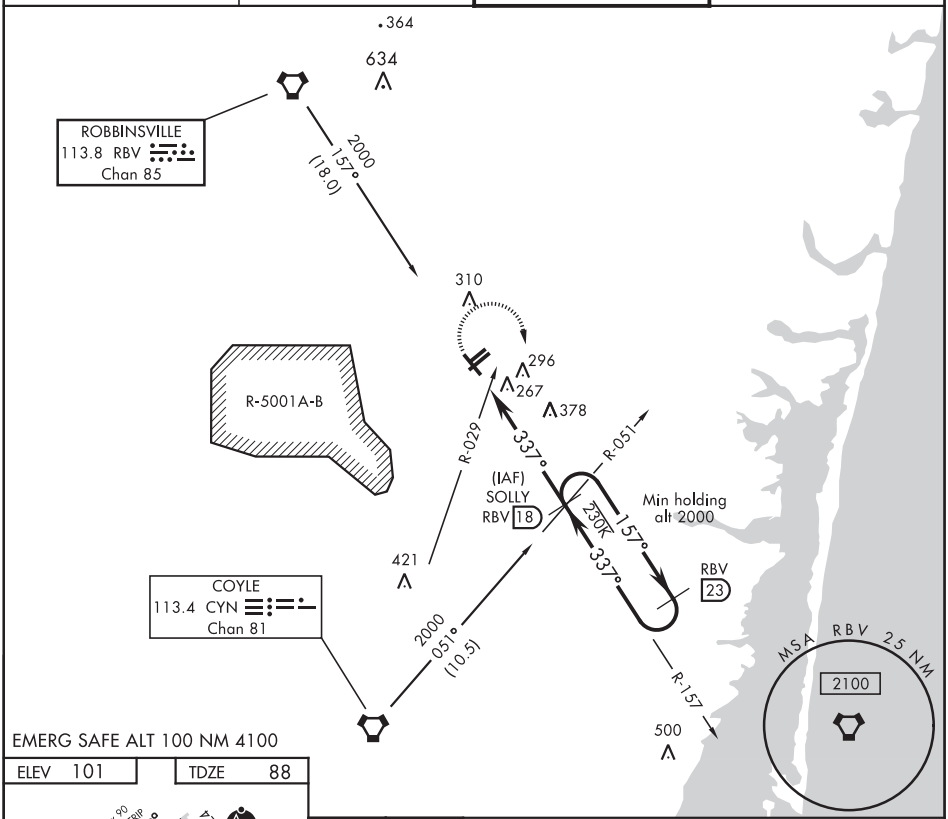
LAKEHURST MAXFIELD FLD,
(JOINT BASE MC GUIRE DIX LAKEHURST) (KNEL)

AL-223 [USN]

VORTAC RBV 113.8 Chan 85	APCH CRS 337°	Rwy ldg 5002 TDZE 88 Arpt Elev 101

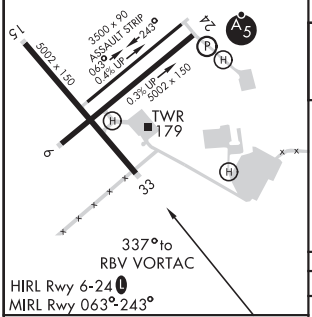
MISSED APPROACH: Climbing right turn to 2000, intercept RBV VORTAC R-157 to SOLLY and hold.

ATIS ★	MC GUIRE APP CON	LAKEHURST TOWER ★	GND CON
276.525	126.475 363.8	127.775 360.2	118.375 307.05

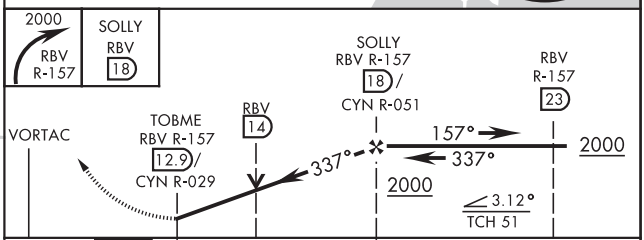


EMERG SAFE ALT 100 NM 4100

ELEV 101	TDZE 88



HIRL Rwy 6-24 L
MIRL Rwy 063°-243°



FAF to MAP 5.1 NM					
Knots	60	90	120	150	180
Min:Sec	5:06	3:24	2:33	2:02	1:42

CATEGORY	A	B	C	D
S-33	660-1 572 (600-1)		660-1⅝ 572 (600-1⅝)	
C CIRCLING	660-1 559 (600-1)	720-1 619 (700-1)	720-1¾ 619 (700-1¾)	720-2 619 (700-2)

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

20086

LAKEHURST, NEW JERSEY

TACAN RWY 24

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

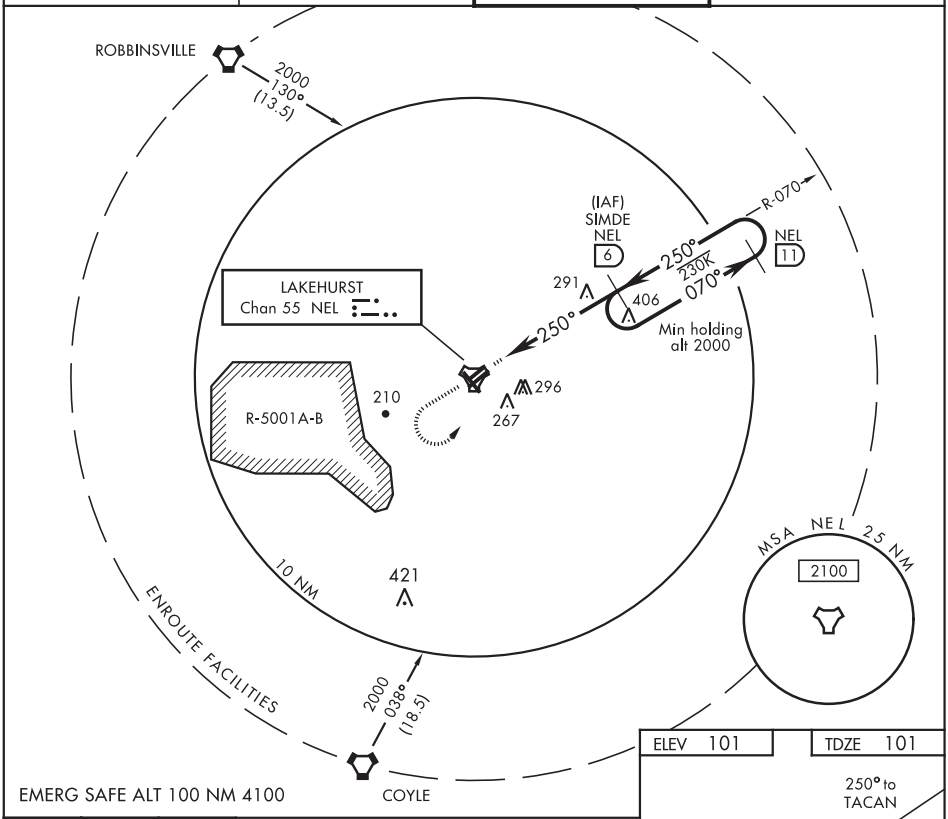
TACAN NEL Chan 55	APCH CRS 250°	Rwy ldg 5002 TDZE 101 Arpt Elev 101	AL-223 [USN]

* When ALS inop increase CAT AB vis to 1 mile, CAT CD vis to 1⅛.

MALSR A5

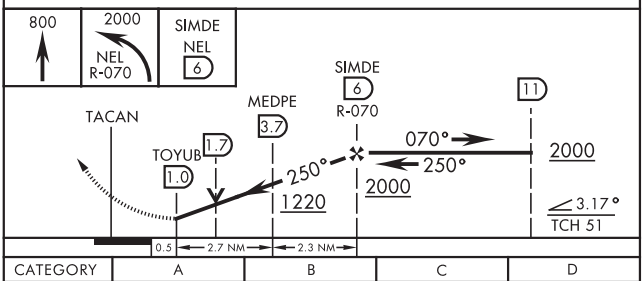
MISSED APPROACH: Climb to 800, then climbing left turn to 2000 to intercept NEL TACAN R-070 to SIMDE and hold.

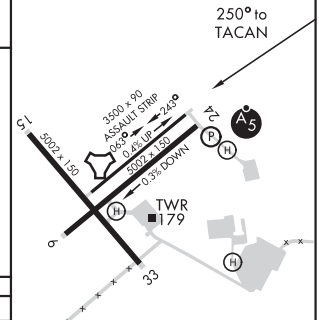
ATIS ★	MC GUIRE APP CON	LAKEHURST TOWER ★	GND CON
276.525	126.475 363.8	127.775 360.2	118.375 307.05



EMERG SAFE ALT 100 NM 4100

ELEV 101	TDZE 101





CATEGORY	A	B	C	D
S-24*	520-½ 419 (500-½)		520-¾ 419 (500-¾)	
C CIRCLING	640-1 539 (600-1)	720-1 619 (700-1)	720-1¾ 619 (700-1¾)	720-2 619 (700-2)

HIRL Rwy 6-24 L
MIRL Rwy 063°-243°

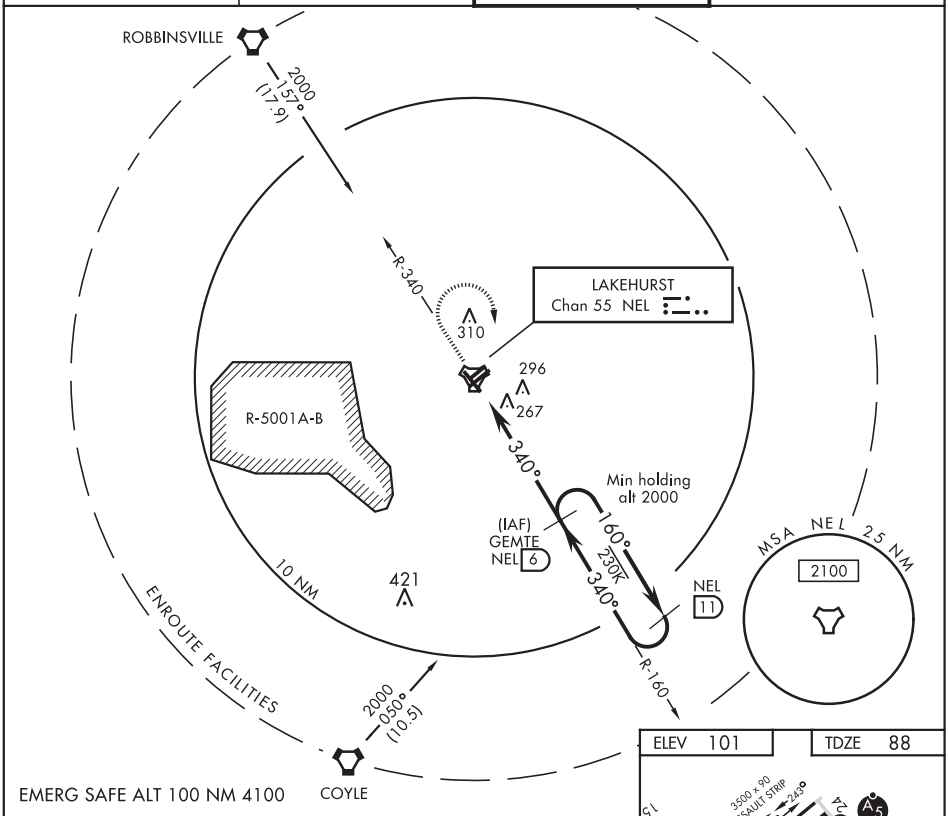
TACAN Z RWY 33

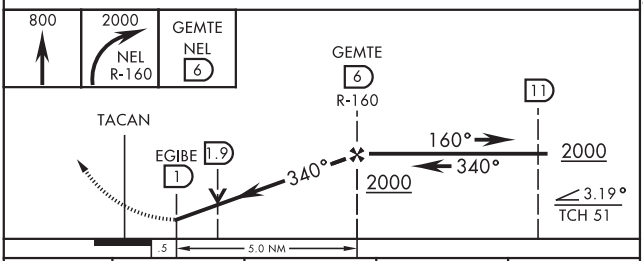
LAKEHURST MAXFIELD FLD,
(JOINT BASE MC GUIRE DIX LAKEHURST) (KNEL)

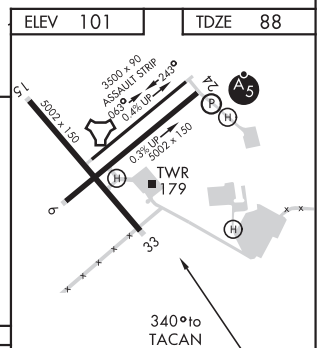
TACAN NEL Chan 55	APCH CRS 340°	Rwy ldg 5002 TDZE 88 Arpt Elev 101	AL-223 [USN]

MISSED APPROACH: Climb to 800, then climbing right turn to 2000 to intercept NEL TACAN R-160 to GEMTE and hold.

ATIS ★	MC GUIRE APP CON	LAKEHURST TOWER ★	GND CON
276.525	126.475 363.8	127.775 360.2	118.375 307.05







CATEGORY	A	B	C	D
S-33	600-1 512 (500-1)		600- 1⅜ 512 (500-1⅜)	
C CIRCLING	640-1 539 (600-1)	720-1 619 (700-1)	720-1¾ 619 (700-1¾)	720-2 619 (700-2)

40°02′N-74°21′W

NE-2, 10 SEP 2020 to 05 NOV 2020

LAKEHURST, NEW JERSEY

20086

NDB RWY 24

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

NDB NEL 396	APCH CRS 241°	Rwy ldg 5002 TDZE 101 Arpt Elev 101	AL-223 [USN]

T * When ALS inop, increase, CAT AB vis to 1 mile, CAT CD vis to 1¼ miles.

MALSR A5

MISSED APPROACH: Climb to 800, then climbing left turn to 2000 to intercept NEL NDB 061° bearing to PAMRE and hold.

ATIS ★	MC GUIRE APP CON	LAKEHURST TOWER ★	GND CON
276.525	126.475 363.8	127.775 360.2	118.375 307.05

DME source NEL TACAN Chan 55

ROBBINSVILLE 113.8 RBV Chan 85

634

2000 127° (13)

(IAF) PAMRE NEL 061°/ NEL 6.4

241° 061°

424

298

Min holding alt 2000

LAKEHURST Chan 55 NEL

310

241° 061° R-127

R-5001A-B

210

267

296

LAKEHURST 396 NEL

2000 037° (19.2)

421

MSA NEL 2.5 NM

2100

COYLE 113.4 CYN Chan 81

EMERG SAFE ALT 100 NM 4100

800

2000 NEL 061°brg

PAMRE NEL 061°/ NEL 6.4

PAMRE NEL 061°/ NEL 6.4 RBV R-127

LIVNE NEL 061°/ NEL 3.5 RBV R-140

TACAN

NDB 1.7

241° 1060

061° 2000

241° 2000

2.93° TCH 51

0.4 2.5 NM 3.0 NM

ELEV 101 TDZE 101

241° 0.4 NM from NDB

3500 × 90 ASSAULT STRIP 063°-243°

0.4% UP

0.3% DOWN 5002 × 150

5002 × 150

15 24 6 33

TWR 179

HIRL Rwy 6-24 L
MIRL Rwy 063°-243°

CATEGORY	A	B	C	D
S-24 *	540-¾ 439 (500-¾)			
C CIRCLING	640-1 539 (600-1)	720-1 619 (700-1)	720-1¾ 619 (700-1¾)	720-2 619 (700-2)

FAF to MAP 5.5 NM					
Knots	60	90	120	150	180
Min:Sec	5:30	3:40	2:45	2:12	1:50

NE-2, 10 SEP 2020 to 05 NOV 2020

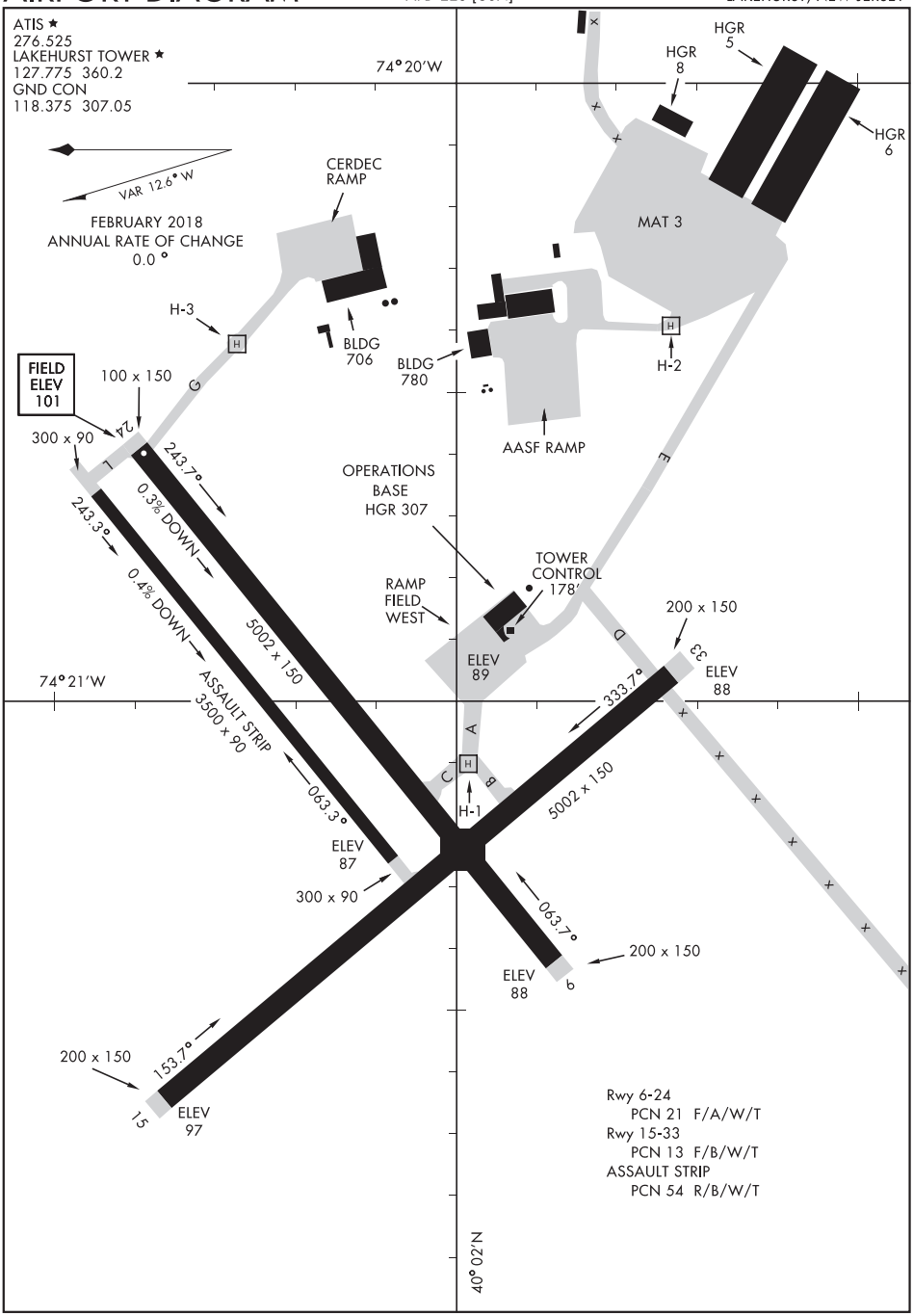
NE-2, 10 SEP 2020 to 05 NOV 2020

AIRPORT DIAGRAM

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

AFD-223 [USN]

LAKEHURST, NEW JERSEY



NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

AIRPORT DIAGRAM

LAKEHURST, NEW JERSEY

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

LAKEWOOD, NEW JERSEY

AL-5611 (FAA)

20030

RNAV (GPS) RWY 6

LAKEWOOD (N12)

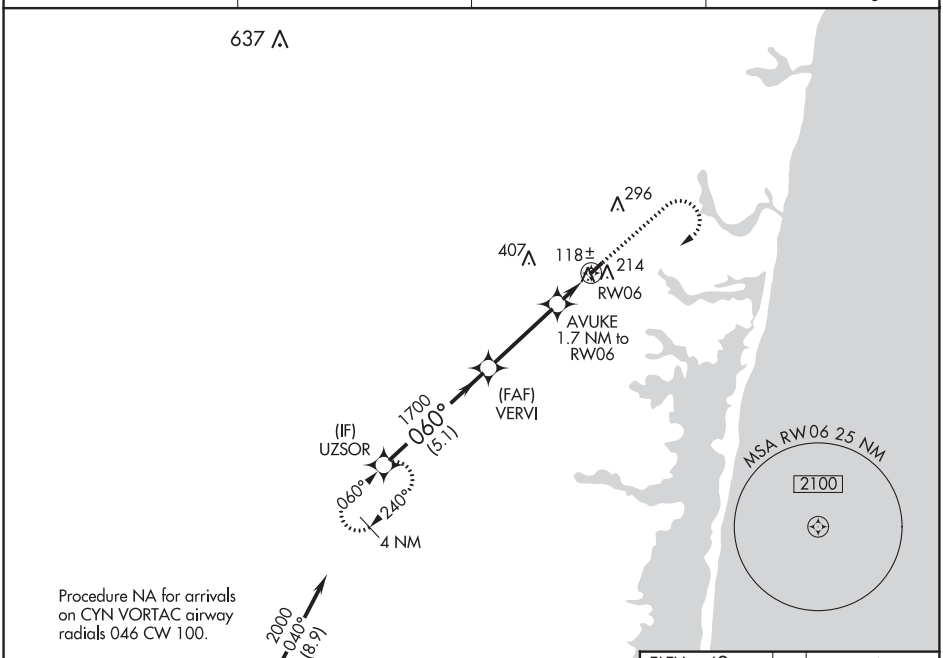
WAAS CH 49038 W06A	APP CRS 060°	Rwy ldg 2726 TDZE 41 Apt Elev 42

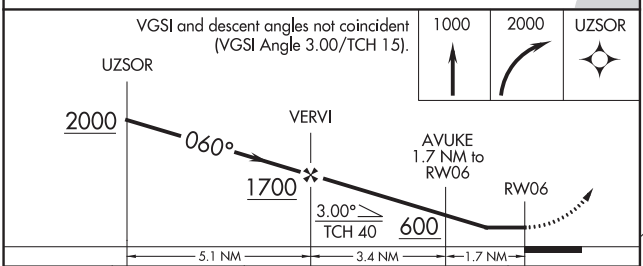
DME/DME RNP-0.3 NA. Procedure NA at night. Helicopter visibility reduction below 1 SM NA. When local altimeter setting not received, use Lakehurst altimeter setting and increase all MDA 40 feet.

NA

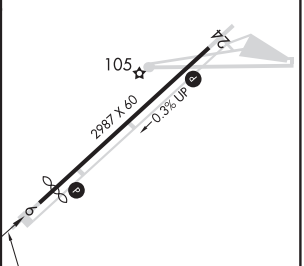
MISSED APPROACH Climb to 1000 then climbing right turn to 2000 direct UZSOR and hold.

AWOS-AV	MC GUIRE APP CON	GCO	UNICOM
122.8	126.475 363.8	121.725	122.8 (CTAF) L





CATEGORY	A	B	C	D
LP MDA	380-1 339 (400-1)		NA	
LNAV MDA	580-1 539 (600-1)		NA	
C CIRCLING	580-1 538 (600-1)	620-1 578 (600-1)	NA	



NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

RNAV (GPS) RWY 24
LAKEWOOD (N12)

APP CRS	Rwy ldg	2987
240°	TDZE	42
	Apt Elev	42

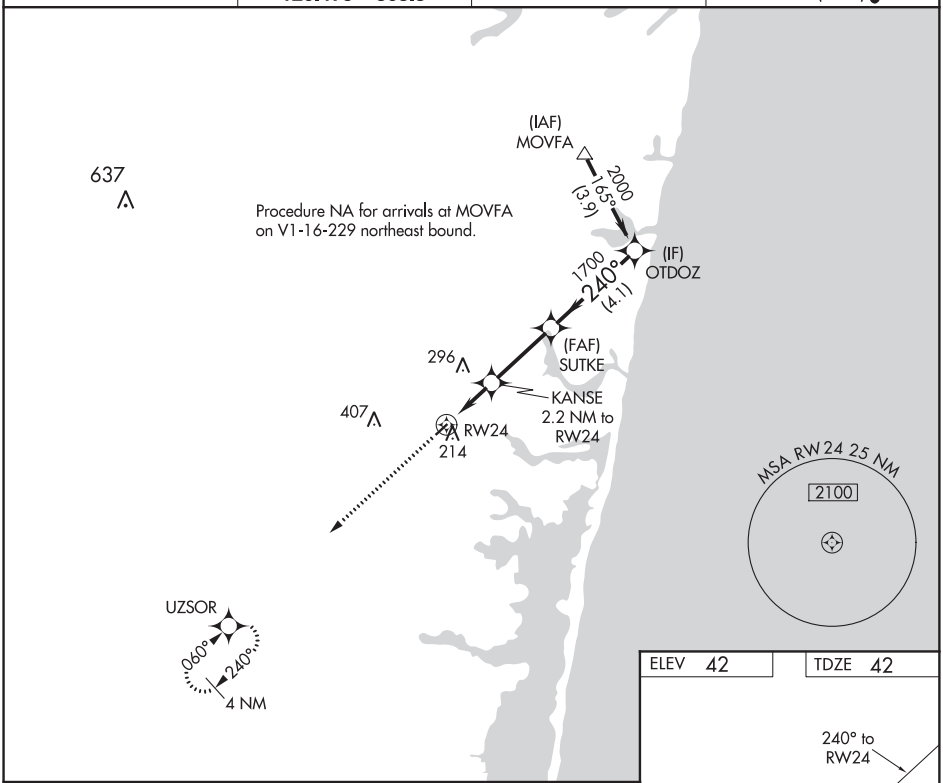
RNP APCH.

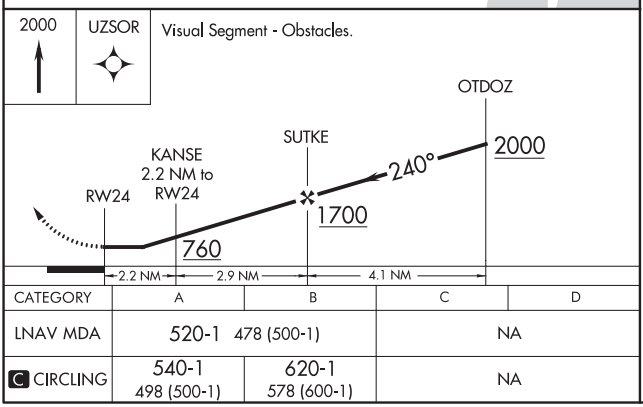
NA

Procedure NA at night. When local altimeter setting not received, use Lakehurst altimeter setting and increase all MDA 40 feet. Rwy 24 helicopter visibility reduction below 1 SM NA.

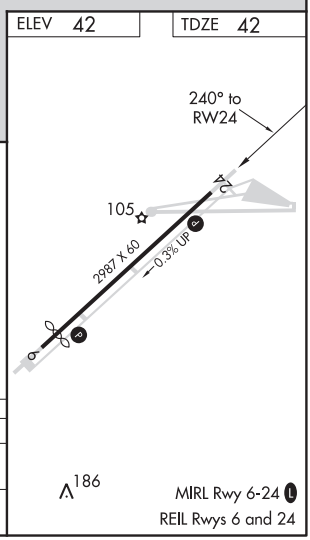
MISSED APPROACH: Climb to 2000 direct UZSOR and hold.

AWOS-AV	MC GUIRE APP CON	GCO	UNICOM
122.8	126.475 363.8	121.725	122.8 (CTAF) L





CATEGORY	A	B	C	D
LNAV MDA	520-1 478 (500-1)		NA	
C CIRCLING	540-1 498 (500-1)	620-1 578 (600-1)	NA	



NE-2, 10 SEP 2020 to 05 NOV 2020

LE ROY, NEW YORK AL-6839 (FAA) 20142

RNAV (GPS) RWY 10

LE ROY (5G0)

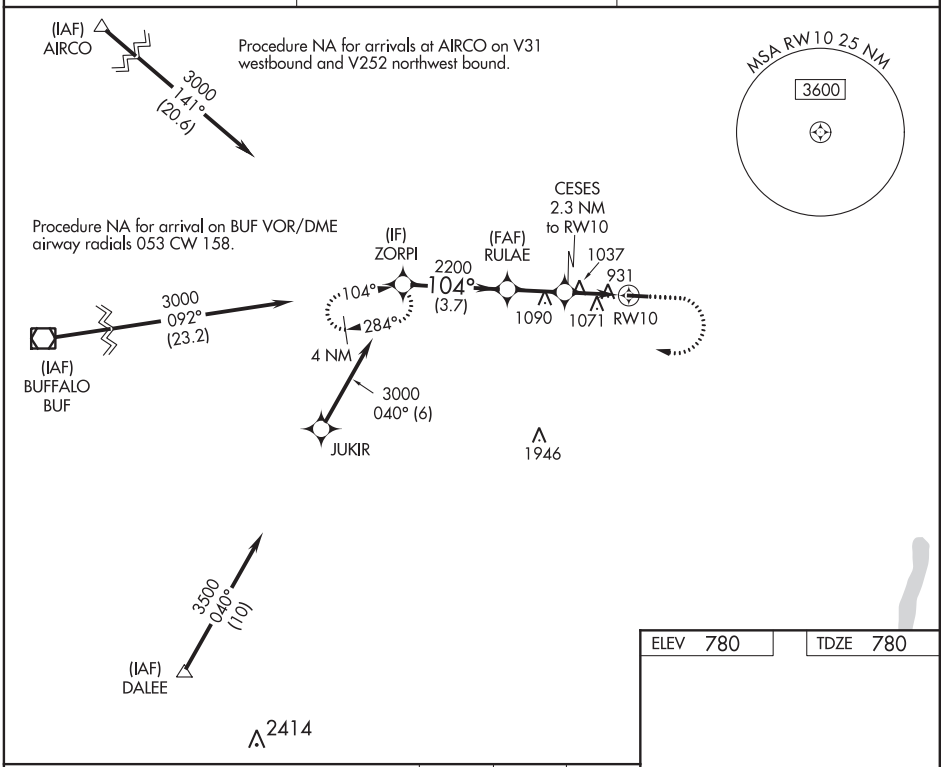
WAAS CH 61030 W10A	APP CRS 104°	Rwy ldg 3854 TDZE 780 Apt Elev 780

RNP APCH.

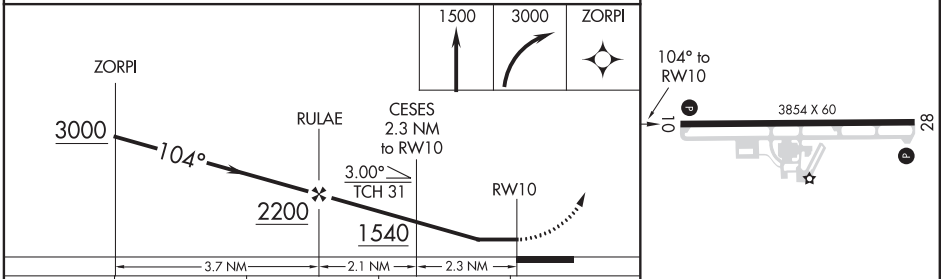
Procedure NA at night. Rwy 10 helicopter visibility reduction below 1 SM NA. Use Greater Rochester altimeter setting.

MISSED APPROACH: Climb to 1500 then climbing right turn to 3000 direct ZORPI and hold.

ROC ASOS	ROCHESTER APP CON	UNICOM
124.825	123.7 322.3	122.8 (CTAF) L



ELEV 780	TDZE 780



CATEGORY	A	B	C	D
LP MDA	1360-1 580 (600-1)		NA	
LNAV MDA	1400-1 620 (700-1)		NA	

MIRL Rwy 10-28 L
REIL Rwys 10 and 28 L

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

RNAV (GPS) RWY 28
LE ROY (5G0)

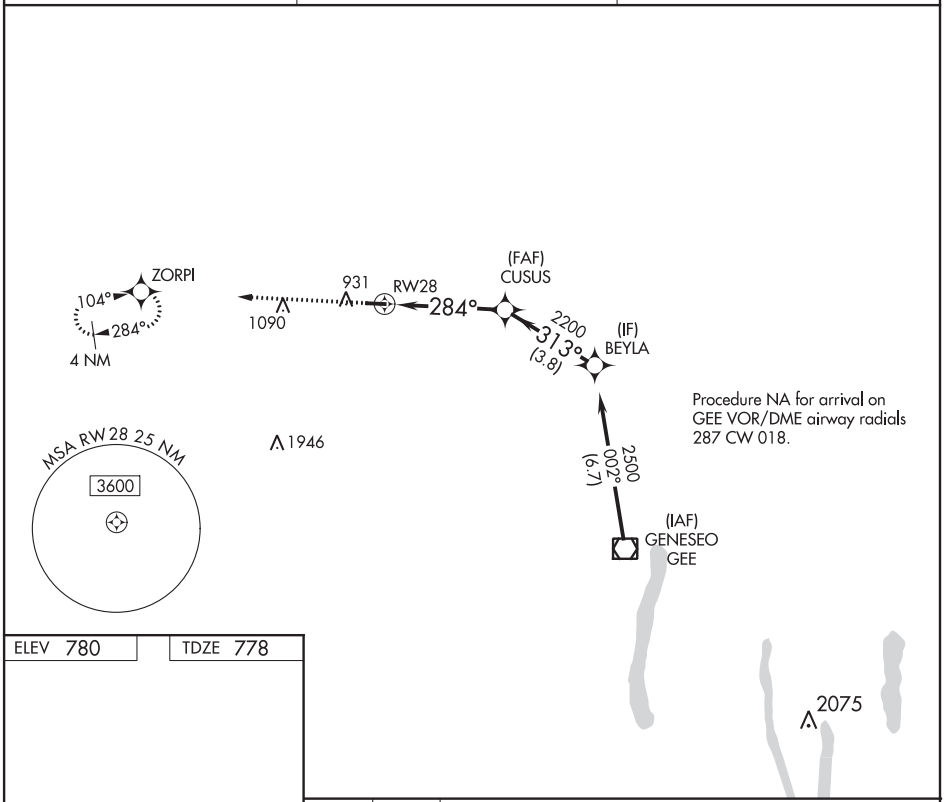
WAAS CH 69330 W28A	APP CRS 284°	Rwy ldg 3854 TDZE 778 Apt Elev 780

RNP APCH.

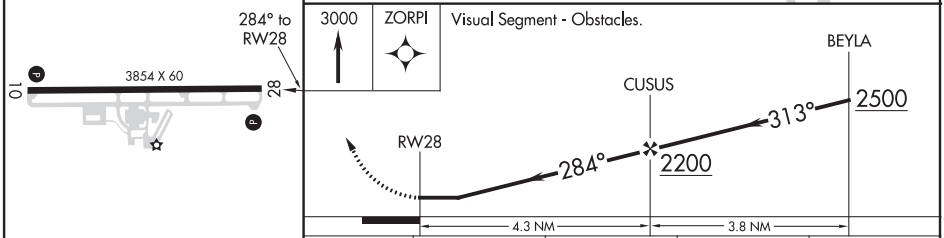
Procedure NA at night. Rwy 28 helicopter visibility reduction below 1 SM NA. Use Greater Rochester altimeter setting.

MISSED APPROACH: Climb to 3000 direct ZORPI and hold.

ROC ASOS	ROCHESTER APP CON	UNICOM
124.825	123.7 322.3	122.8 (CTAF) L



ELEV 780 TDZE 778



CATEGORY	A	B	C	D
LP MDA	1240-1 462 (500-1)		NA	
LNAV MDA	1240-1 462 (500-1)		NA	

MIRL Rwy 10-28 L
REIL Rwys 10 and 28 L

NE-2, 10 SEP 2020 to 05 NOV 2020
NE-2, 10 SEP 2020 to 05 NOV 2020

LE ROY, NEW YORK | AL-6839 (FAA) | 19283

VOR-A
LE ROY (5G0)

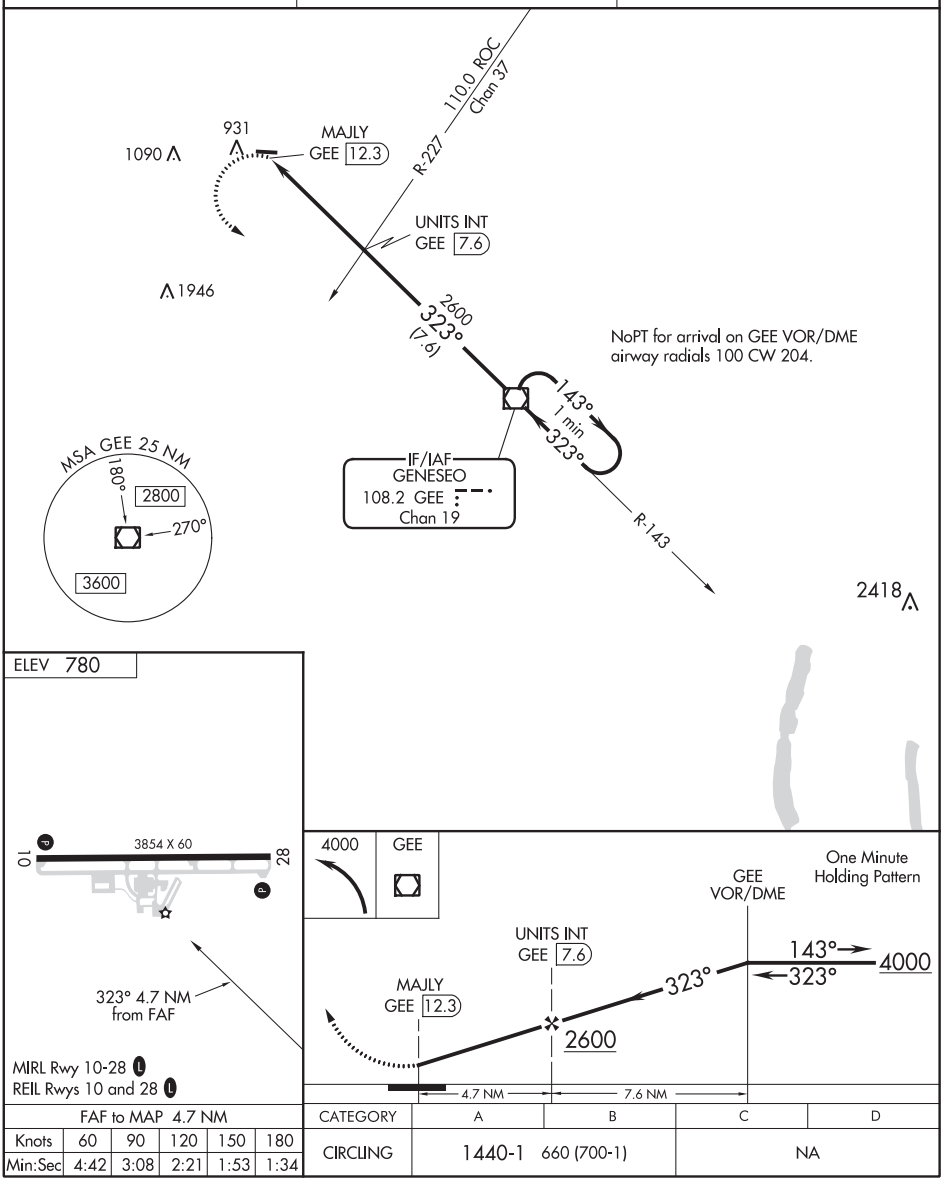
VOR/DME GEE	APP CRS	Rwy ldg	N/A
108.2	323°	TDZE	N/A
Chan 19		Apt Elev	780

NA

Use Greater Rochester altimeter setting. Circling Rwy 10 NA at night. When Circling to Rwy 28 at night, operational VGSI required, remain on or above VGSI glidepath until threshold.

MISSED APPROACH: Climbing left turn to 4000 direct GEE VOR/DME and hold.

ROC ASOS	ROCHESTER APP CON	UNICOM
124.825	123.7 322.3	122.8 (CTAF) L



FAF to MAP 4.7 NM					
Knots	60	90	120	150	180
Min:Sec	4:42	3:08	2:21	1:53	1:34

CATEGORY	A	B	C	D
CIRCLING	1440-1 660 (700-1)		NA	

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

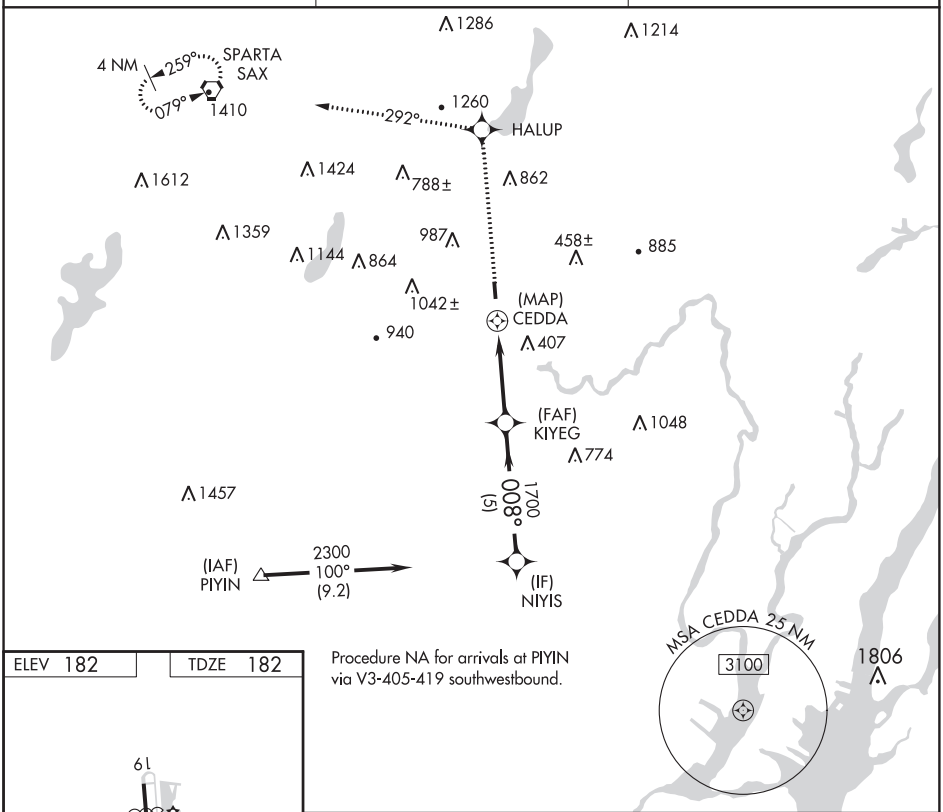
APP CRS	Rwy ldg	2103
008°	TDZE	182
	Apt Elev	182

RNAV (GPS) RWY 1
LINCOLN PARK (NØ7)

Use Teterboro altimeter setting. DME/DME RNP-0.3 NA.
Visibility reduction by helicopters NA.

MISSED APPROACH: Climb to 3000 direct HALUP and via 292° track to SAX VORTAC and hold.

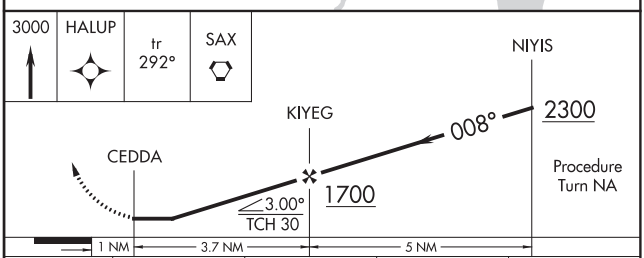
NEW YORK APP CON	GCO	UNICOM
127.6 379.9	121.725	122.8 (CTAF) L



Procedure NA for arrivals at PIYIN via V3-405-419 southwestbound.

ELEV 182	TDZE 182

HIRL Rwy 1-19 L



CATEGORY	A	B	C	D
LNAV MDA	1240-1¼ 1058 (1100-1¼)	NA		
CIRCLING	1460-1¼ 1278 (1300-1¼)	NA		

NE-2, 10 SEP 2020 to 05 NOV 2020

LINCOLN PARK, NEW JERSEY

AL-6637 (FAA)

19115

RNAV (GPS) RWY 19
LINCOLN PARK (NØ7)

APP CRS	Rwy ldg	2683
203°	TDZE	182
	Apt Elev	182

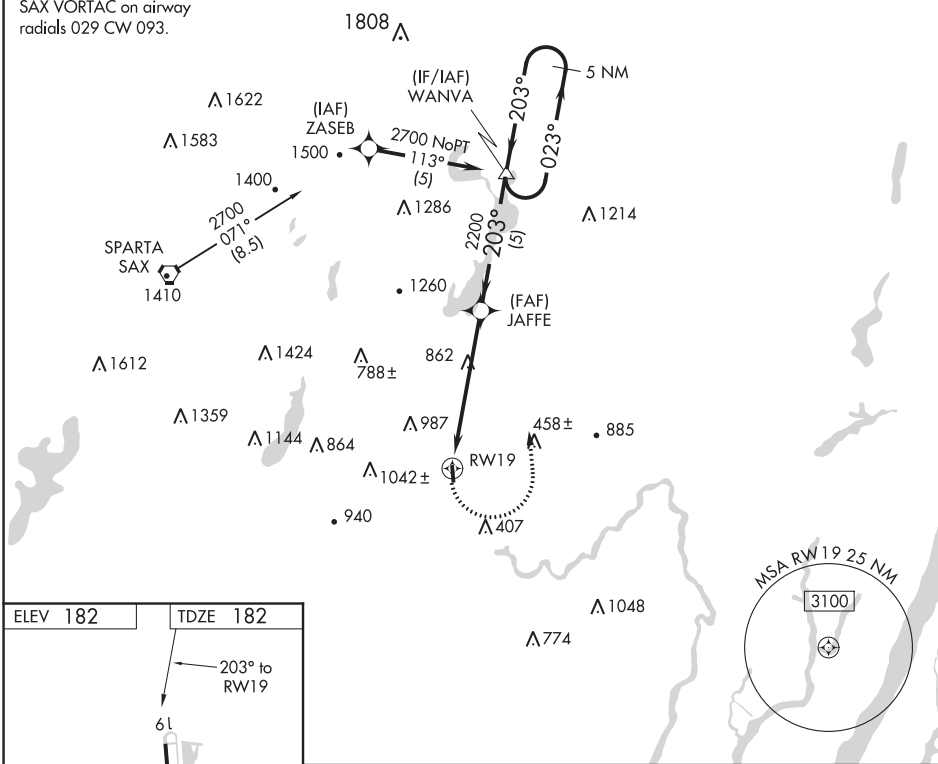
Use Teterboro altimeter setting. DME/DME RNP-0.3 NA.
Visibility reduction by helicopters NA.

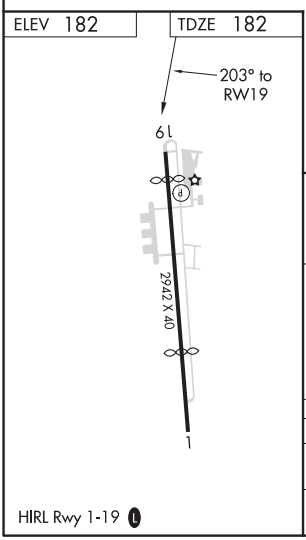
NA

MISSED APPROACH: Climbing left turn to 2700 direct WANVA and hold.

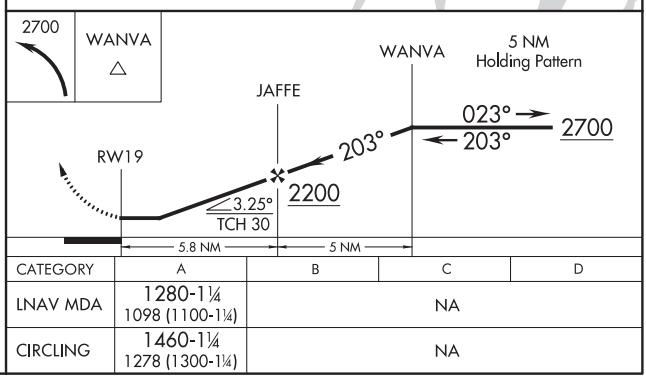
NEW YORK APP CON	GCO	UNICOM
127.6 379.9	121.725	122.8 (CTAF) L

Procedure NA for arrivals at SAX VORTAC on airway radials 029 CW 093.





HIRL Rwy 1-19 L



CATEGORY	A	B	C	D
LNAV MDA	1280-1¼ 1098 (1100-1¼)	NA		
CIRCLING	1460-1¼ 1278 (1300-1¼)	NA		

LINCOLN PARK, NEW JERSEY
Orig 10MAY07

40°57′N-74°19′W

LINCOLN PARK (NØ7)
RNAV (GPS) RWY 19

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

APP CRS	Rwy ldg	N/A
039°	TDZE	N/A
	Apt Elev	23

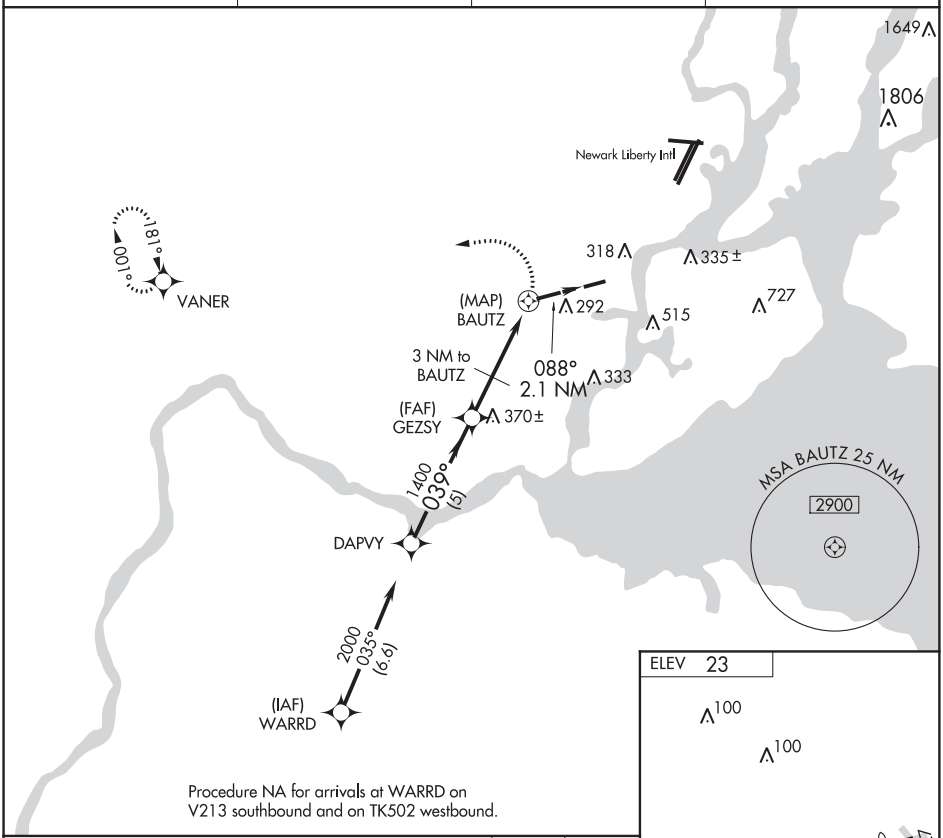
GPS-A
LINDEN (LDJ)

NA

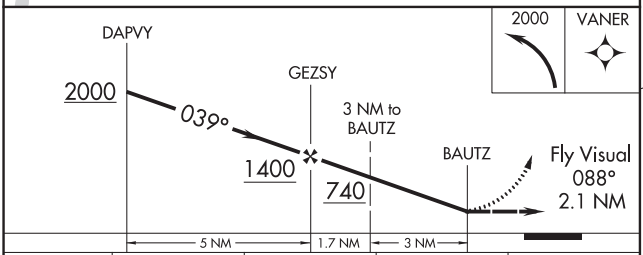
When local altimeter setting not received, use Newark Liberty Intl altimeter setting. Helicopter visibility reduction below 1 SM NA. Procedure NA at night.

MISSED APPROACH: Climbing left turn to 2000 direct VANER WP and hold.

AWOS-3	NEW YORK APP CON	CLNC DEL	UNICOM
124.025	135.35 379.9	127.25	123.0 (CTAF) L



Procedure NA for arrivals at WARRD on V213 southbound and on TK502 westbound.



CATEGORY	A	B	C	D
CIRCLING	620-2½ 597 (600-2½)			NA
NEWARK ALTIMETER SETTING MINIMUMS				
CIRCLING	640-2½ 617 (700-2½)			NA

MIRL Rwy 9-27 L
REIL Rwys 9 and 27 L

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

LUMBERTON, NEW JERSEY AL-5529 (FAA) 20142

RNAV (GPS) RWY 1
FLYING W (N14)

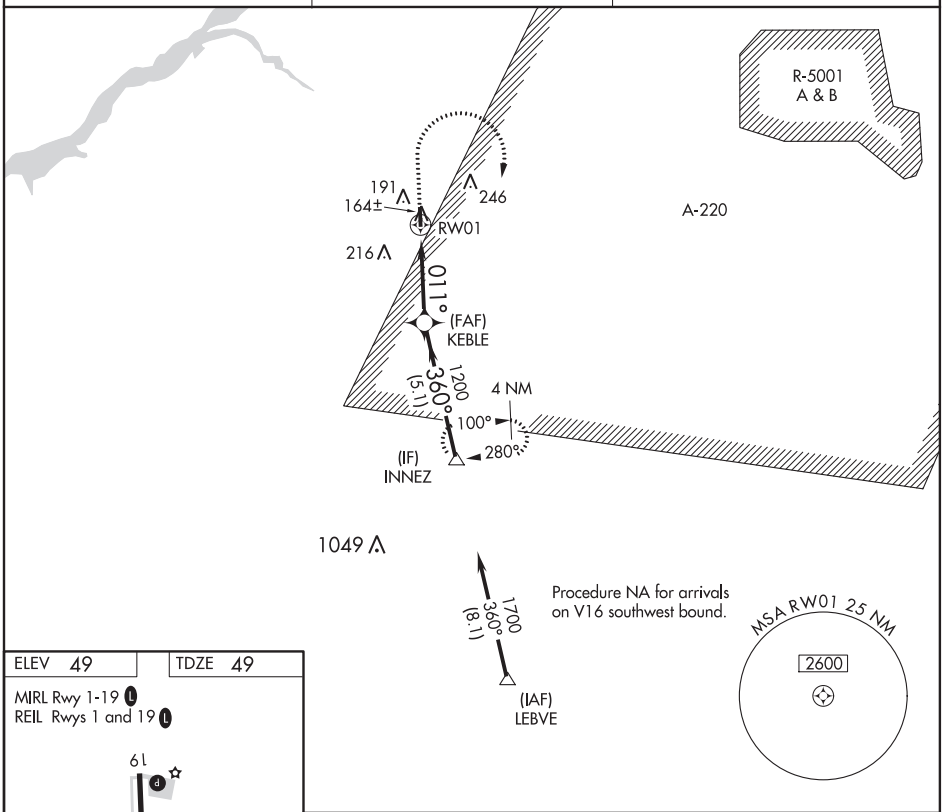
APP CRS	Rwy ldg	3496
011°	TDZE	49
	Apt Elev	49

Use Mount Holly altimeter setting; when not received, use Northeast Philadelphia altimeter setting and increase all MDA 40 feet. DME/DME RNP-0.3 NA. Straight-in Rwy 1 NA at night, Circling Rwy 1 NA at night. Rwy 1 helicopter visibility reduction below 1 SM NA.

NA

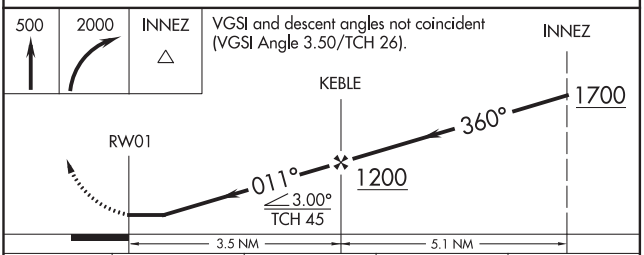
MISSED APPROACH: Climb to 500 then climbing right turn to 2000 direct INNEZ and hold.

VAY ASOS	MC GUIRE APP CON	UNICOM
119.325	126.475 363.8	122.8 (CTAF) L



ELEV 49 TDZE 49

MIRL Rwy 1-19 L
REIL Rwys 1 and 19 L



CATEGORY	A	B	C	D
LNAV MDA	420-1 371 (400-1)		NA	
CIRCLING	520-1 471 (500-1)		NA	

NE-2, 10 SEP 2020 to 05 NOV 2020

WAAS CH 77828 W19A	APP CRS 191°	Rwy ldg 3496 TDZE 49 Apt Elev 49

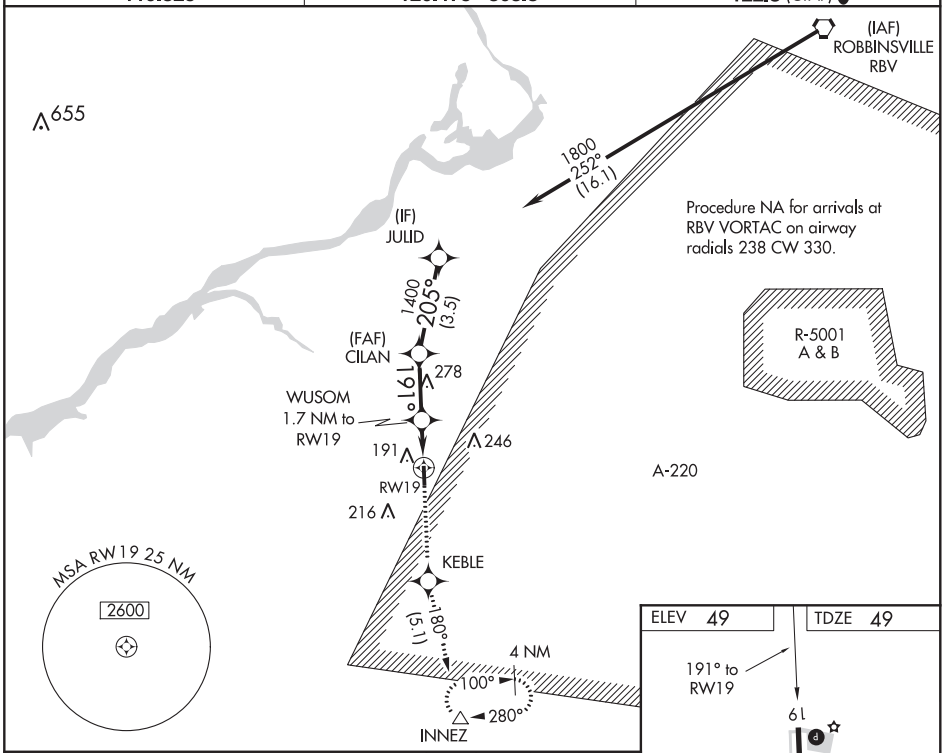
RNAV (GPS) RWY 19
FLYING W (N14)

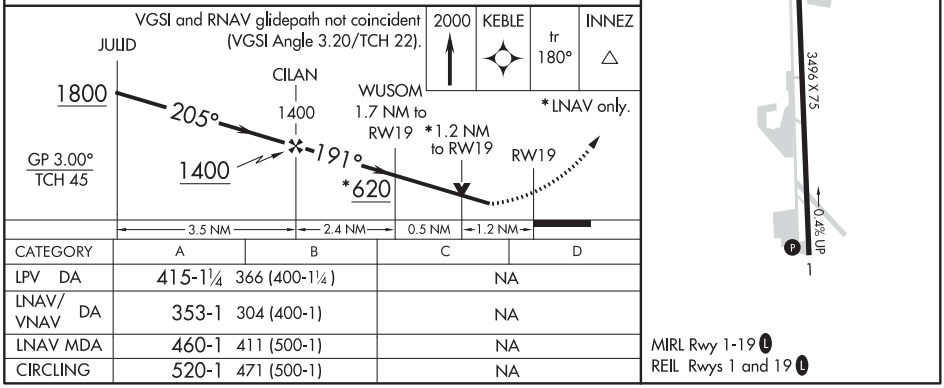
T
A NA

Baro-VNAV NA when using Northeast Philadelphia altimeter setting. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -15°C (5°F) or above 54°C (130°F). DME/DME RNP-0.3 NA. VDP NA with Northeast Philadelphia altimeter setting. Use Mount Holly altimeter setting, when not received use Northeast Philadelphia altimeter setting and increase all DA/MDA 40 feet and increase LPV and LNAV/VNAV all Cats visibility 1/8 mile. Circling Rwy 1 NA at night. Rwy 1 helicopter visibility reduction below 1 SM NA. Rwy 19 helicopter visibility reduction below 3/4 SM NA.

MISSED APPROACH: Climb to 2000 direct KEBLE and on track 180° to INNEZ and hold.

VAY ASOS	MC GUIRE APP CON	UNICOM
119.325	126.475 363.8	122.8 (CTAF) L





CATEGORY	A	B	C	D
LPV DA	415-1¼ 366 (400-1¼)		NA	
LNAV/VNAV DA	353-1 304 (400-1)		NA	
LNAV MDA	460-1 411 (500-1)		NA	
CIRCLING	520-1 471 (500-1)		NA	

MIRL Rwy 1-19 L
REIL Rwys 1 and 19 L

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

LUMBERTON, NEW JERSEY | AL-5529 (FAA) | 20254

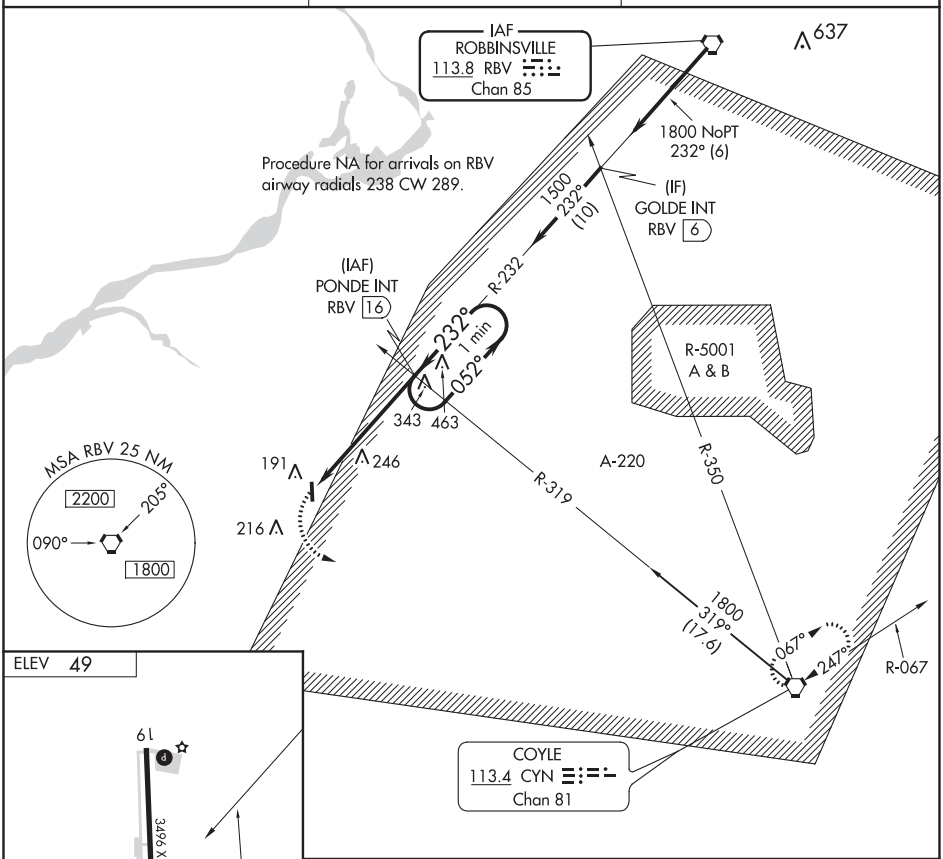
VOR-A
FLYING W (N14)

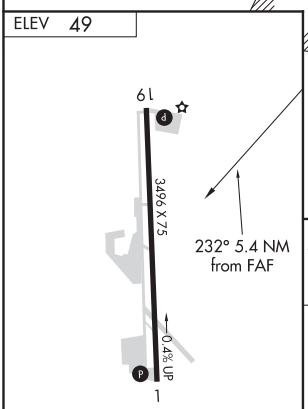
VORTAC RBV	APP CRS	Rwy Idg	N/A
113.8	232°	TDZE	N/A
Chan 85		Apt Elev	49

Helicopter visibility reduction below 1 SM NA. Use Mount Holly altimeter setting, when not received use Northeast Philadelphia altimeter setting and increase all MDA 40 feet. Night Landing: Rwy 1 NA.

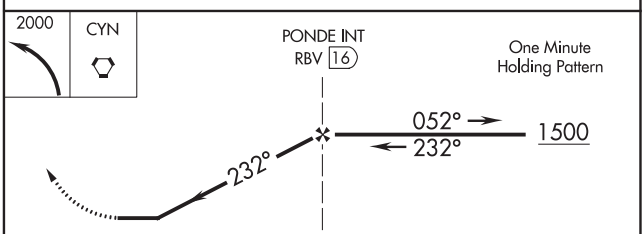
MISSED APPROACH: Climbing left turn to 2000 direct CYN VORTAC and hold.

VAY ASOS	MC GUIRE APP CON	UNICOM
119.325	126.475 363.8	122.8 (CTAF) L





MIRL Rwy 1-19 L
REIL Rwys 1 and 19 L



FAF to MAP 5.4 NM					
Knots	60	90	120	150	180
Min:Sec	5:24	3:36	2:42	2:10	1:48

CATEGORY	A	B	C	D
CIRCLING	600-1 551 (600-1)	600-1¼ 551 (600-1¼)	NA	

LUMBERTON, NEW JERSEY
Amdt 4A 20AUG15

39°56′N - 74°48′W

FLYING W (N14)
VOR-A

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

WAAS CH 93729 W05A	APP CRS 052°	Rwy ldg 3994 TDZE 771 Apt Elev 790

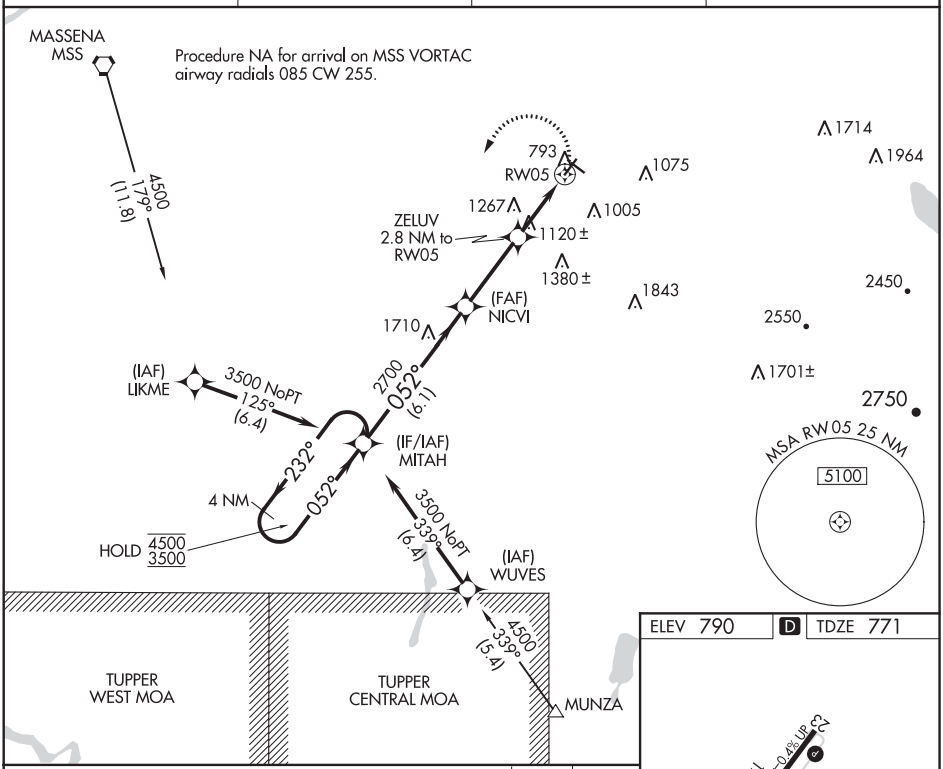
RNAV (GPS) RWY 5
MALONE-DUFORT (MAL)

RNP APCH.

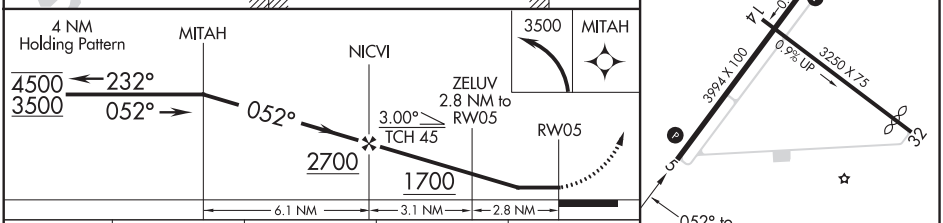
T A NA Rwy 5 helicopter visibility reduction below 1 SM NA. Use Massena Intl-Richards Field altimeter setting; when not received, use Adirondack Rgnl altimeter setting and increase all MDA 60 feet and increase LP Cat C visibility ½ SM and Circling Cat A visibility ¼ SM. Straight-in Rwy 5 NA at night, Circling Rwy 5 NA at night.

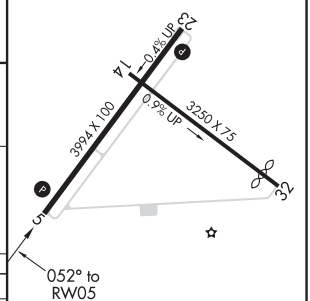
MISSED APPROACH: Climbing left turn to 3500 direct MITAH and hold.

AWOS-AV	MSS ASOS	BOSTON CENTER	UNICOM
122.8	128.075	135.25 377.1	122.8 (CTAF) L



ELEV 790 D TDZE 771





CATEGORY	A	B	C	D
LP MDA	1520-1 749 (800-1)	1520-1¼ 749 (800-1¼)	1520-2½ 749 (800-2½)	NA
LNAV MDA	1580-1 809 (800-1)	1580-1¼ 809 (800-1¼)	1580-2½ 809 (800-2½)	NA
CIRCLING	1580-1 790 (800-1)	1580-1¼ 790 (800-1¼)	1580-2½ 790 (800-2½)	NA

REIL Rwys 5 and 23
MIRL Rwy 5-23 and 14-32 L

NE-2, 10 SEP 2020 to 05 NOV 2020

MALONE, NEW YORK | AL-971 (FAA) | 19283

WAAS CH 58229 W23A	APP CRS 232°	Rwy ldg 3994 TDZE 770 Apt Elev 790

RNAV (GPS) RWY 23
MALONE-DUFORT (MAL)

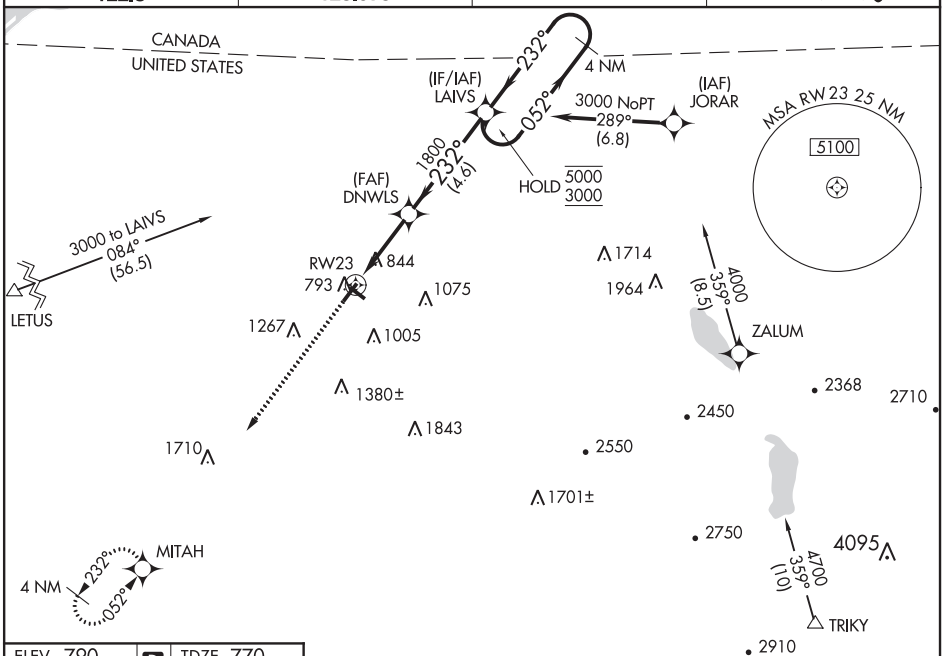
RNP APCH.

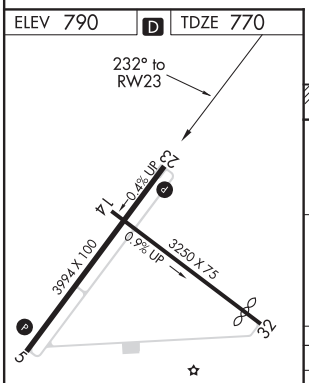
Baro-VNAV NA. Use Massena Intl-Richards Field altimeter setting; when not received, use Adirondack Rgnl altimeter setting and increase all DA/MDA 60 feet, increase LPV all Cats, LNAV Cat C and Circling Cat C visibility ¼ SM, increase LNAV/VNAV all Cats visibility 1⅛ SM. Circling Rwy 5 NA at night.

NA

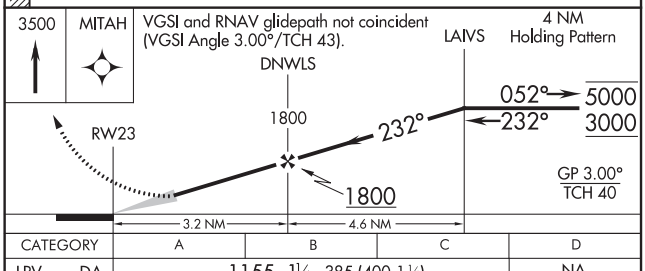
MISSED APPROACH: Climb to 3500 direct MITAH and hold.

AWOS-AV	MSS ASOS	BOSTON CENTER	UNICOM
122.8	128.075	135.25 377.1	122.8 (CTAF) L





REIL Rwys 5 and 23
MIRL Rwy 5-23 and 14-32 L



CATEGORY	A	B	C	D
LPV DA	1155 -1¼ 385 (400-1¼)			NA
LNAV/VNAV DA	1263-1¾ 493 (500-1¾)			NA
LNAV MDA	1240-1 470 (500-1)		1240-1⅜ 470 (500-1⅜)	NA
CIRCLING	1460-1 670 (700-1)	1480-1 690 (700-1)	1480-2 690 (700-2)	NA

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

APP CRS	Rwy ldg	2927
069°	TDZE	82
	Apt Elev	86

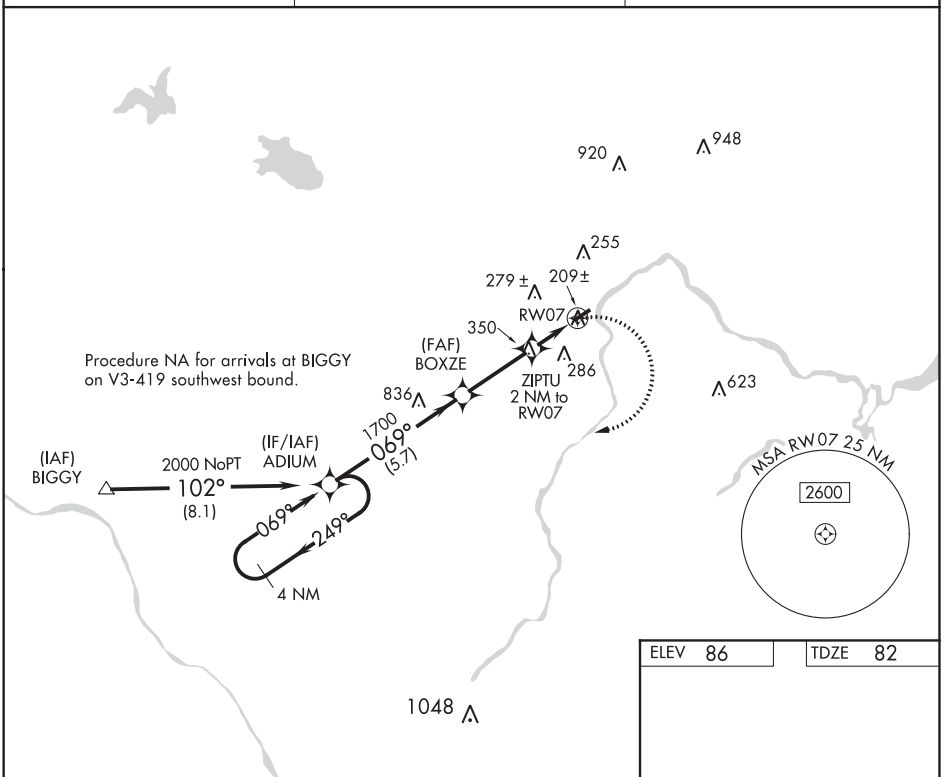
RNAV (GPS) RWY 7
CENTRAL JERSEY RGNL (47N)

RNP APCH.

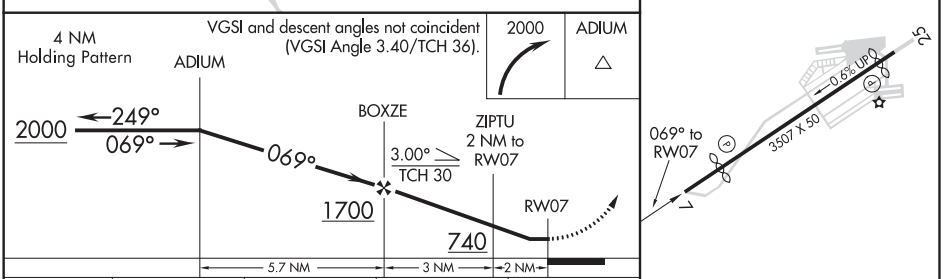
NA Procedure NA at night. Use Trenton altimeter setting; when not received, use Newark altimeter setting, and increase all MDAs 20 feet. Rwy 7 helicopter visibility reduction below 1 SM NA.

MISSED APPROACH: Climbing right turn to 2000 direct ADIUM and hold.

TTN ASOS	NEW YORK APP CON	UNICOM
126.775	132.8 379.9	122.7 (CTAF)



ELEV	86	TDZE	82



CATEGORY	A	B	C	D
LNAV MDA	580-1 498 (500-1)		580-1⅜ 498 (500-1⅜)	NA
CIRCLING	620-1 534 (600-1)	700-1 614 (700-1)	700-1¾ 614 (700-1¾)	NA

LIRL Rwy 7-25

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

MANVILLE, NEW JERSEY

AL-5155 (FAA)

19283

RNAV (GPS) RWY 25

CENTRAL JERSEY RGNL (47N)

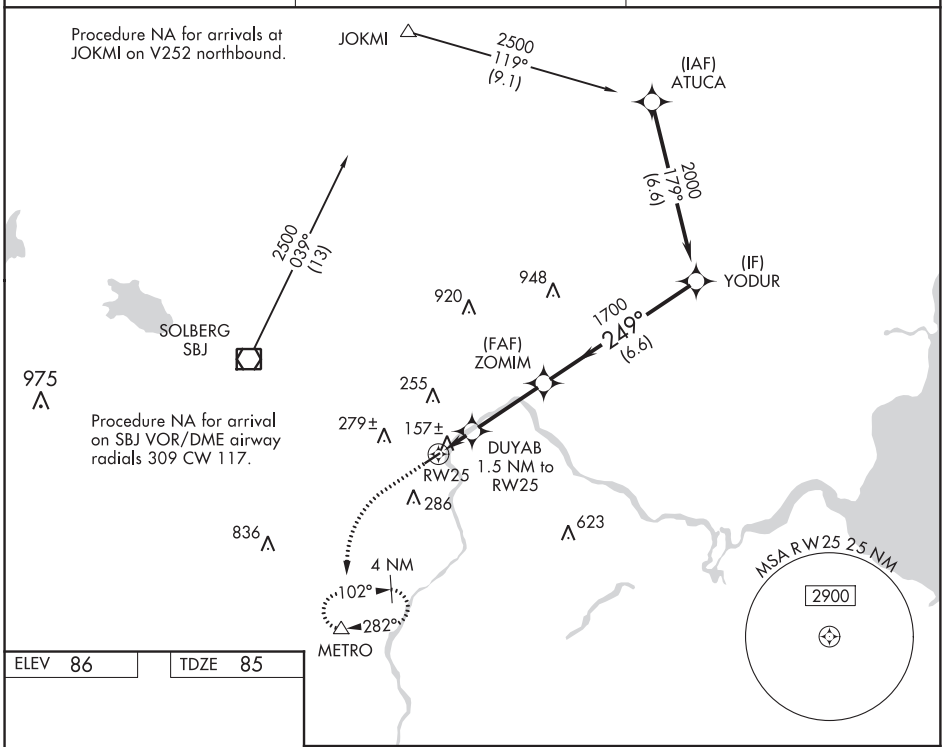
WAAS CH 53424 W25A	APP CRS 249°	Rwy ldg 3245 TDZE 85 Apt Elev 86

RNP APCH.

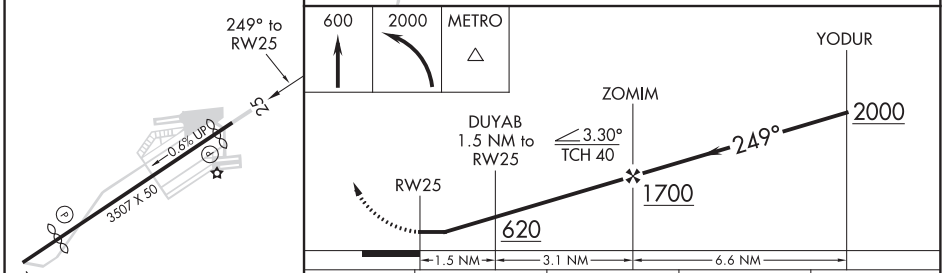
NA — Procedure NA at night. Rwy 25 helicopter visibility reduction below 1 SM NA. Use Trenton Mercer altimeter setting.

MISSED APPROACH: Climb to 600 then climbing left turn to 2000 direct METRO and hold.

TTN ASOS	NEW YORK APP CON	UNICOM
126.775	132.8 379.9	122.7 (CTAF)



ELEV 86	TDZE 85



CATEGORY	A	B	C	D
LP MDA	480-1	395 (400-1)	480-1⅛ 395 (400-1⅛)	NA
LNAV MDA	520-1	435 (500-1)	520-1¼ 435 (500-1¼)	NA
C CIRCLING	620-1 534 (600-1)	660-1 574 (600-1)	660-1½ 574 (600-1½)	NA

LIRL Rwy 7-25

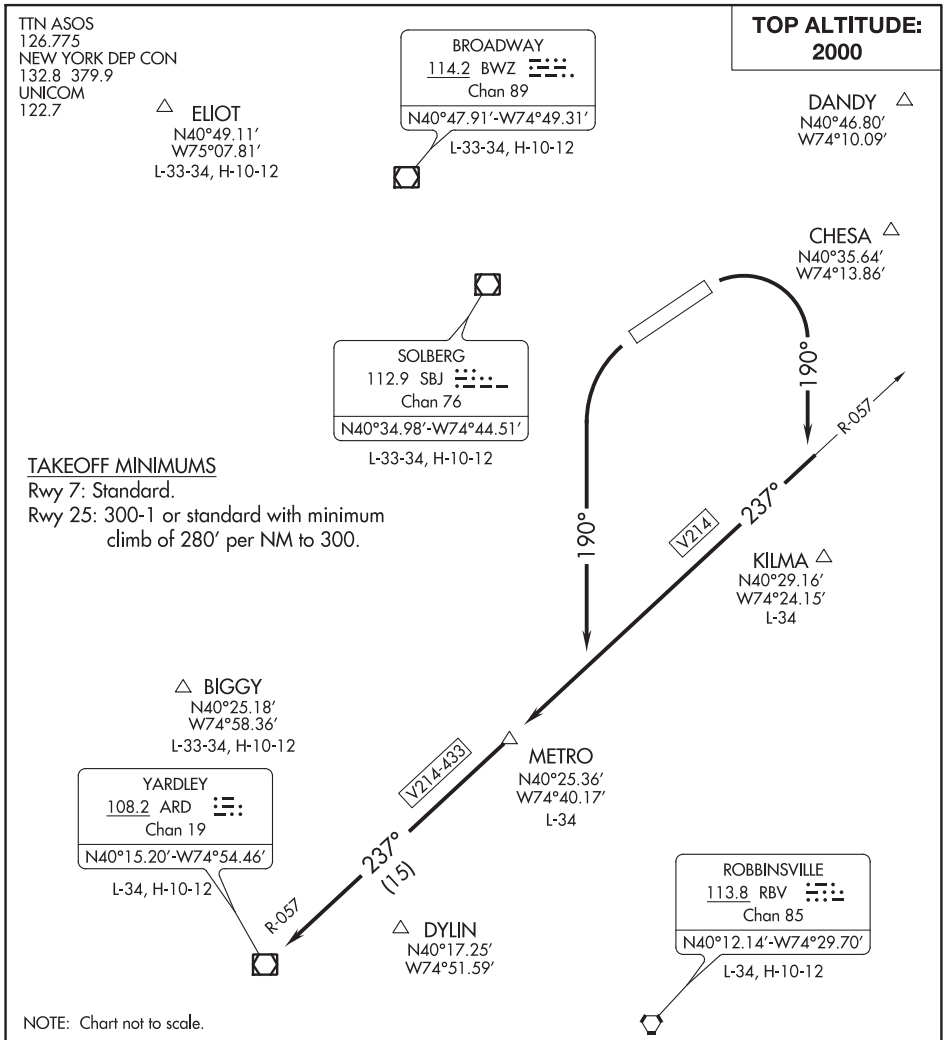
NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

CENTRAL ONE DEPARTURE

AL-5155 (FAA)

CENTRAL JERSEY RGNL (47N)
MANVILLE, NEW JERSEY



TAKEOFF MINIMUMS
Rwy 7: Standard.
Rwy 25: 300-1 or standard with minimum climb of 280′ per NM to 300.

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 7: Climbing right turn to heading 190° to intercept ARD VOR/DME R-057 to METRO INT, thence . . . .
TAKEOFF RUNWAY 25: Climbing left turn to heading 190° to intercept ARD VOR/DME R-057 to METRO INT, thence . . . .
. . . . on ARD VOR/DME R-057 to ARD VOR/DME. Maintain 2000.
Expect clearance to filed altitude/flight level ten minutes after departure.

MASSENA, NEW YORK | AL-905 (FAA) | 20142

LOC I-MSS	APP CRS	Rwy ldg / TDZE / Apt Elev
108.7	045°	5601 / 205 / 222

ILS or LOC RWY 5
MASSENA INTL-RICHARDS FIELD (MSS)

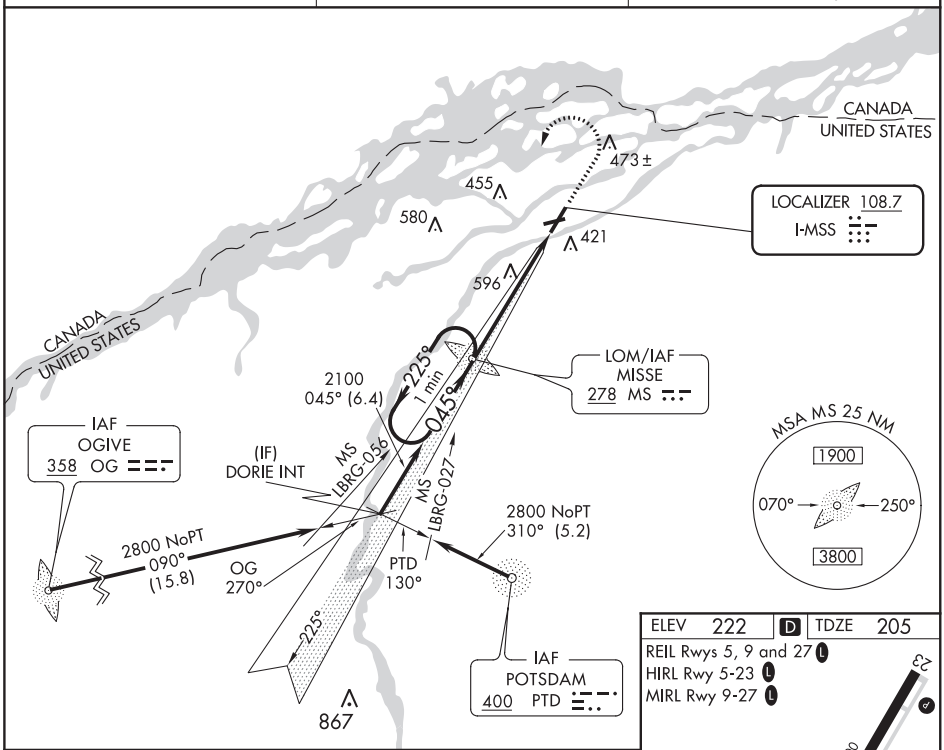
ADF required. ADF and RADAR required for procedure entry.

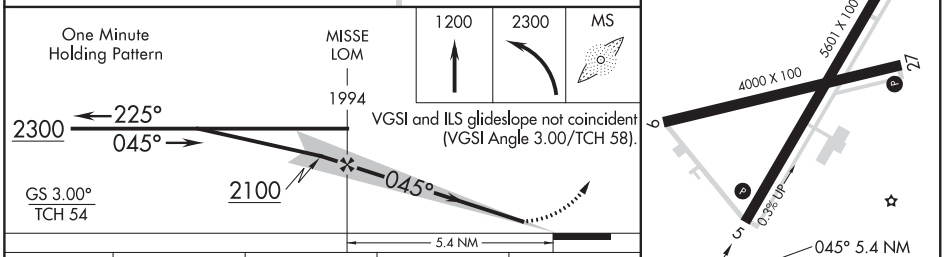
Circling Rwy 9, 23, 27 NA at night. When local altimeter setting not received, use Potsdam altimeter setting and increase all DAs 73 feet and all MDAs 80 feet; increase S-ILS all Cats visibility ⅛ SM, S-LOC Cat C visibility ⅛ SM and increase Circling Cat C visibility ⅛ SM, and Cat D ¼ SM.

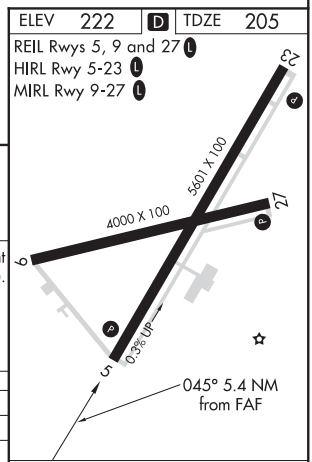
NA

MISSED APPROACH: Climb to 1200 then climbing left turn to 2300 direct MISSE LOM and hold.

ASOS	BOSTON CENTER	UNICOM
128.075	135.25 377.1	123.0 (CTAF) L







CATEGORY	A	B	C	D
S-ILS 5	455-¾ 250 (300-¾)			
S-LOC 5	800-1 595 (600-1)		800-1¾ 595 (600-1¾)	
CIRCLING	800-1 578 (600-1)		800-1¾ 578 (600-1¾)	900-2¼ 678 (700-2¼)

FAF to MAP 5.4 NM

Knots	60	90	120	150	180
Min:Sec	5:24	3:36	2:42	2:10	1:48

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

WAAS CH 70303 W05A	APP CRS 045°	Rwy ldg 5601 TDZE 205 Apt Elev 221

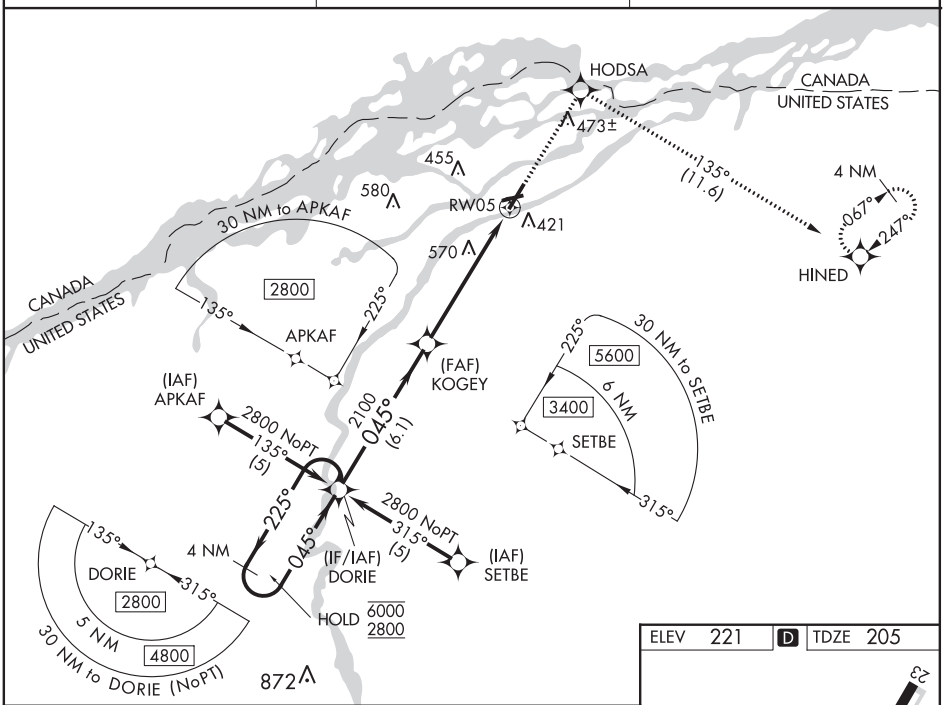
RNAV (GPS) RWY 5
MASSENA INTL-RICHARDS FIELD (MSS)

RNP APCH.

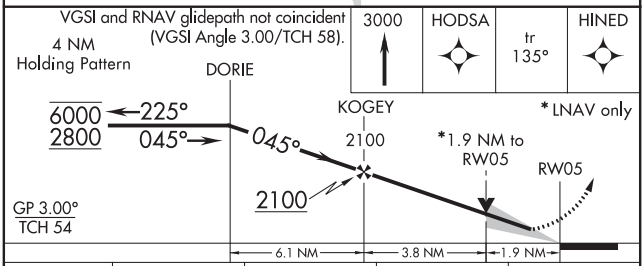
Circling Rwy 9, 23, 27 NA at night.
For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -15°C or above 54°C.

MISSED APPROACH: Climb to 3000 direct HODSA and on track 135° to HINED and hold.

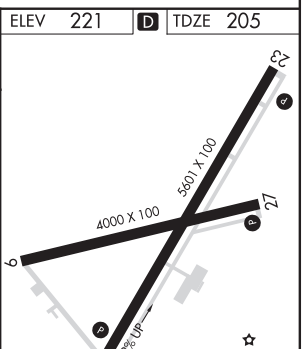
ASOS	BOSTON CENTER	UNICOM
128.075	135.25 377.1	123.0 (CTAF) L



VGSI and RNAV glidepath not coincident (VGSI Angle 3.00/TCH 58).



CATEGORY	A	B	C	D
LPV DA	455-¾ 250 (300-¾)			
LNAV/VNAV DA	968-2¾ 763 (800-2¾)			
LNAV MDA	860-1 655 (700-1)		860-1⅞ 655 (700-1⅞)	860-2 655 (700-2)
CIRCLING	860-1 639 (700-1)		860-1⅞ 639 (700-1⅞)	900-2¼ 679 (700-2¼)



REIL Rwys 5, 9 and 27 L
HIRL Rwy 5-23 L
MIRL Rwy 9-27 L

NE-2, 10 SEP 2020 to 05 NOV 2020
NE-2, 10 SEP 2020 to 05 NOV 2020

APP CRS	Rwy ldg	3880
075°	TDZE	205
	Apt Elev	221

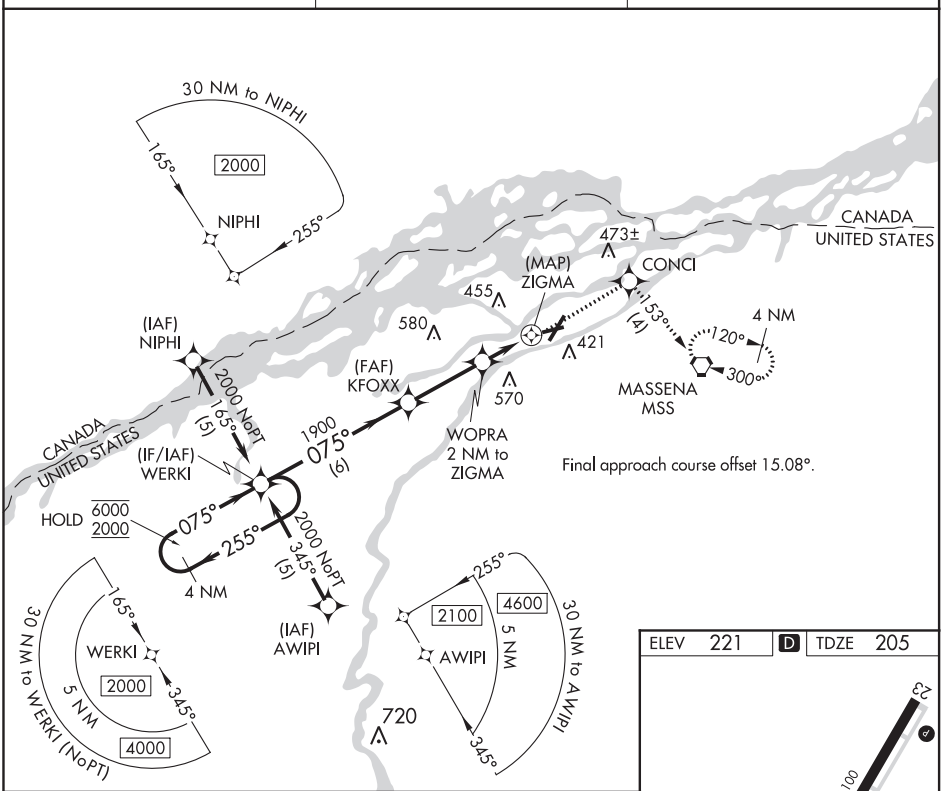
RNAV (GPS) RWY 9
MASSENA INTL-RICHARDS FIELD (MSS)

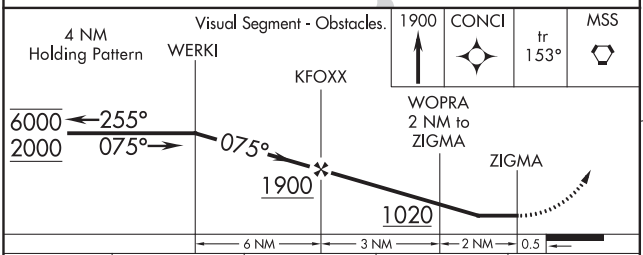
RNP APCH.

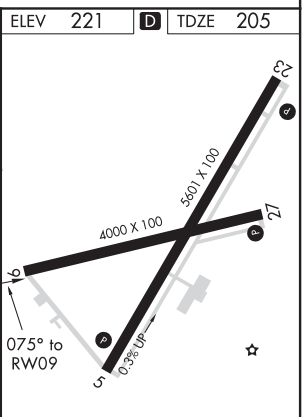
Rwy 9 helicopter visibility reduction below 1 SM NA.
Straight-in Rwy 9 NA at night, Circling Rwy 9, 23, 27 NA at night.

MISSED APPROACH: Climb to 1900 direct CONCI and on track 153° to MSS VORTAC and hold.

ASOS	BOSTON CENTER	UNICOM
128.075	135.25 377.1	123.0 (CTAF) L







CATEGORY	A	B	C	D
LNAV MDA	680-1 475 (500-1)		680-1⅜ 475 (500-1⅜)	680-1½ 475 (500-1½)
CIRCLING	740-1 519 (600-1)		800-1½ 579 (600-1½)	900-2¼ 679 (700-2¼)

REIL Rwys 5, 9 and 27 L
HIRL Rwy 5-23 L
MIRL Rwy 9-27 L

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

APP CRS	Rwy ldg	5601
225°	TDZE	221
	Apt Elev	221

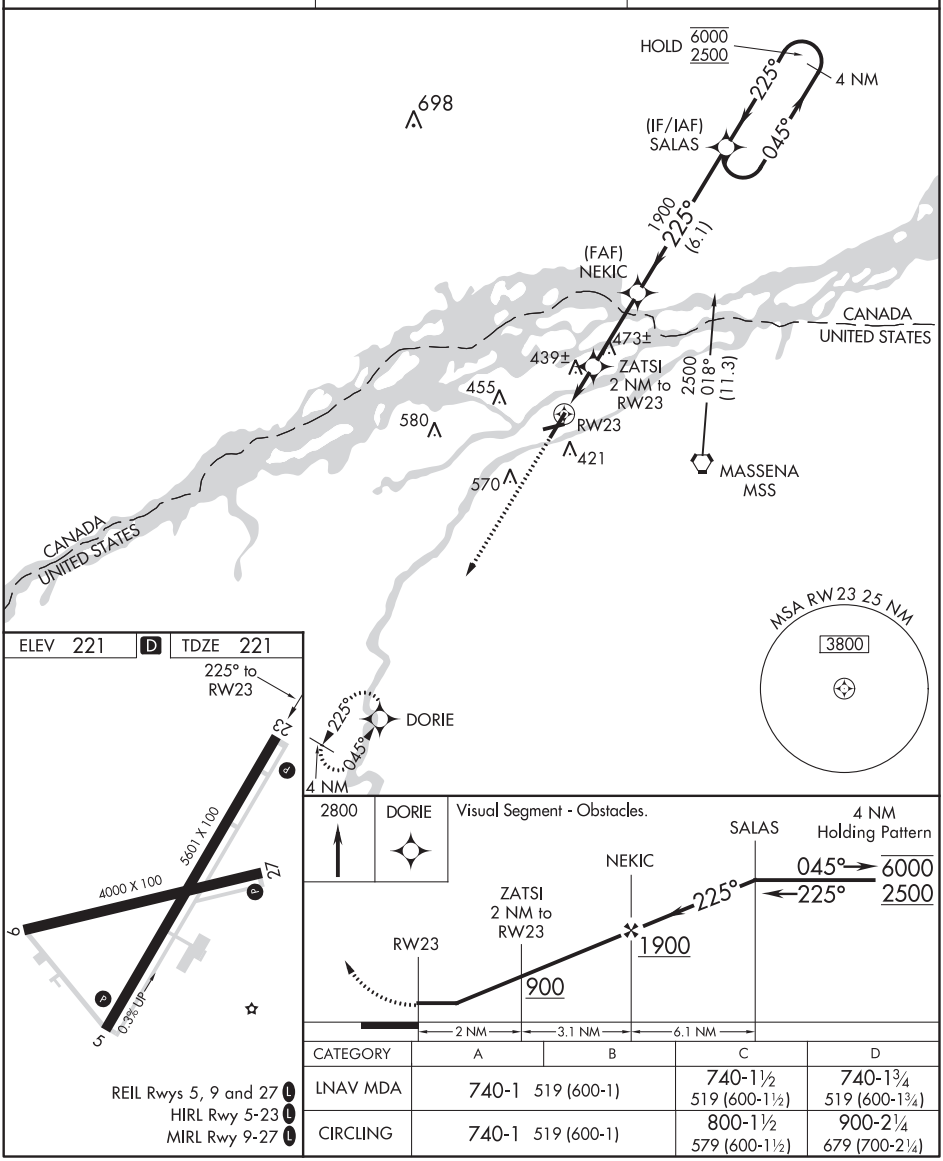
RNAV (GPS) RWY 23
MASSENA INTL-RICHARDS FIELD (MSS)

RNP APCH.

Rwy 23 helicopter visibility reduction below 1 SM NA.
Straight-in Rwy 23 NA at night, Circling Rwy 9, 23, 27 NA at night.

MISSED APPROACH:
Climb to 2800 direct DORIE and hold.

ASOS	BOSTON CENTER	UNICOM
128.075	135.25 377.1	123.0 (CTAF) L



CATEGORY	A	B	C	D
LNAV MDA	740-1 519 (600-1)		740-1½ 519 (600-1½)	740-1¾ 519 (600-1¾)
CIRCLING	740-1 519 (600-1)		800-1½ 579 (600-1½)	900-2¼ 679 (700-2¼)

REIL Rwys 5, 9 and 27 L
HIRL Rwy 5-23 L
MIRL Rwy 9-27 L

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

MASSENA, NEW YORK | AL-905 (FAA) | 20198

APP CRS	Rwy ldg	3880
270°	TDZE	205
	Apt Elev	221

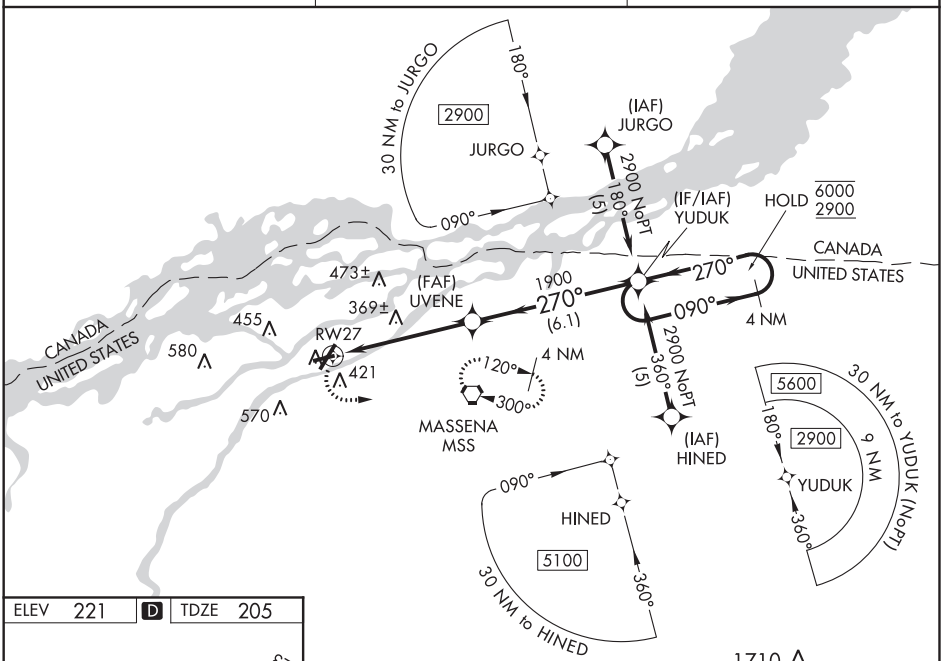
RNAV (GPS) RWY 27
MASSENA INTL-RICHARDS FIELD (MSS)

RNP APCH.

Rwy 27 helicopter visibility reduction below 1 SM NA.
Straight-in Rwy 27 NA at night, Circling 9, 23, 27 NA at night.

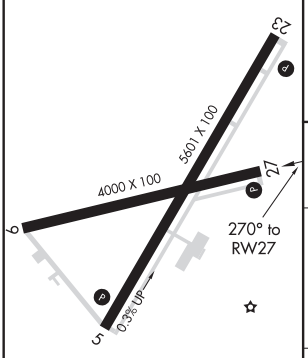
MISSED APPROACH:
Climbing left turn to 1900 direct MSS VORTAC and hold.

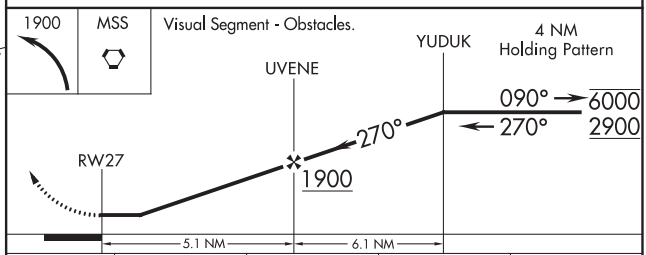
ASOS	BOSTON CENTER	UNICOM
128.075	135.25 377.1	123.0 (CTAF) L



NE-2, 10 SEP 2020 to 05 NOV 2020

ELEV 221 | D | TDZE 205





CATEGORY	A	B	C	D
LNAV MDA	680-1 475 (500-1)		680-1⅜ 475 (500-1⅜)	680-1½ 475 (500-1½)
CIRCLING	740-1 519 (600-1)		800-1½ 579 (600-1½)	900-2¼ 679 (700-2¼)

REIL Rwys 5, 9 and 27 L
HIRL Rwy 5-23 L
MIRL Rwy 9-27 L

WRIGHTSTOWN, NEW JERSEY

ILS or LOC RWY 6

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

LOC I-WRI	APCH CRS	Rwy ldg 10,014 TDZE 131 Arpt Elev 141	AL-150 [USAF]
110.1	058°		

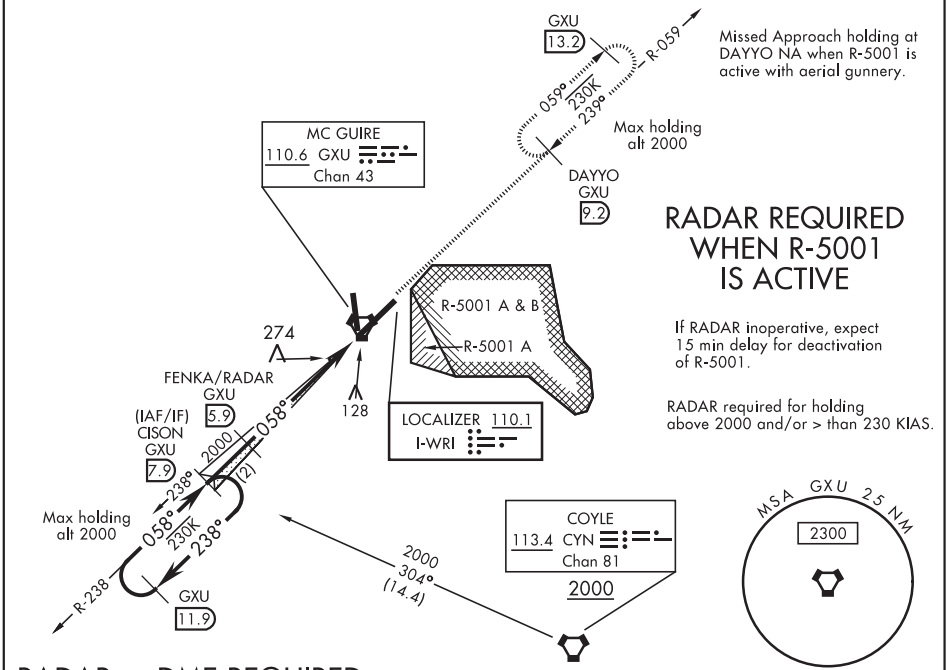
T * When ALS inop, increase RVR to 40, vis to ¾ mile.
* When TDZ/CL lights inop increase RVR to 24.
** When ALS inop, increase CAT AB RVR to 55, vis to 1 mile; CAT CDE RVR to 60, vis to 1⅛ miles.

ALSF-2

MISSED APPROACH: Climb to 2000 via GXU R-059 to DAYYO and hold. Alternate Missed Approach Instruction: Climb to 2000 via GXU R-059 to DAYYO, expect further clearance from ATC.

ATIS	MC GUIRE APP CON	MC GUIRE TOWER	GND CON	CLNC DEL	PAR
110.6 270.1	126.475 363.8	118.65 255.6	121.8 275.8	135.2 335.8	

*** Circling East of Airfield NA when R-5001 A/B Active.

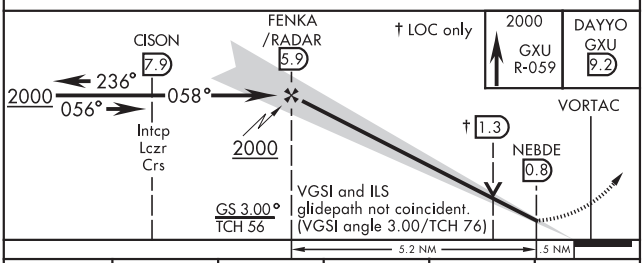


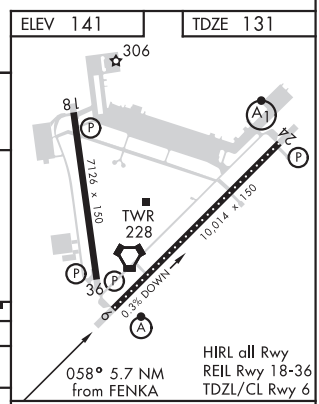
NE-2, 10 SEP 2020 to 05 NOV 2020

RADAR or DME REQUIRED

(To identify the FAF)

EMERG SAFE ALT 100 NM 5100 FROM GXU VORTAC





CATEGORY	A	B	C	D	E
S-ILS 6 *	331/18 200 (200-½)				
S-LOC 6 **	540/24 409 (400-½)		540/40 409 (400-¾)		
*** C CIRCLING	680-1 539 (600-1)		700-1½ 559 (600-1½)	700-2 559 (600-2)	1200-3 1059(1100-3)

FAF to MAP 5.2 NM

Knots	60	90	120	150	180
Min:Sec	5:12	3:28	2:36	2:05	1:44

WRIGHTSTOWN, NEW JERSEY

ILS or LOC RWY 24

AL-150 (USAF)

MC GUIRE FIELD (JOINT BASE MC GUIRE DIX LAKEHURST) (KWRI)

LOC I-JTQ	APCH CRS	Rwy ldg	10,014
110.1	238°	TDZE	117
		Arpt Elev	141

* When ALS inop, increase RVR to 40, vis to 3/4 mile.
** When ALS inop, increase CAT AB RVR to 55, vis to 1 mile, CAT CDE vis to 1 3/8 miles.
*** Circling East of the Airfield NA when R-5001 A/B active.

ALSF-1

MISSED APPROACH: Climb to 2000 via GXU R-236 to CISON and hold.

ATIS	MC GUIRE APP CON	TOWER	GND CON	CLNC DEL	PAR
110.6 270.1	126.475 363.8	118.65 255.6	121.8 275.8	135.2 335.8	

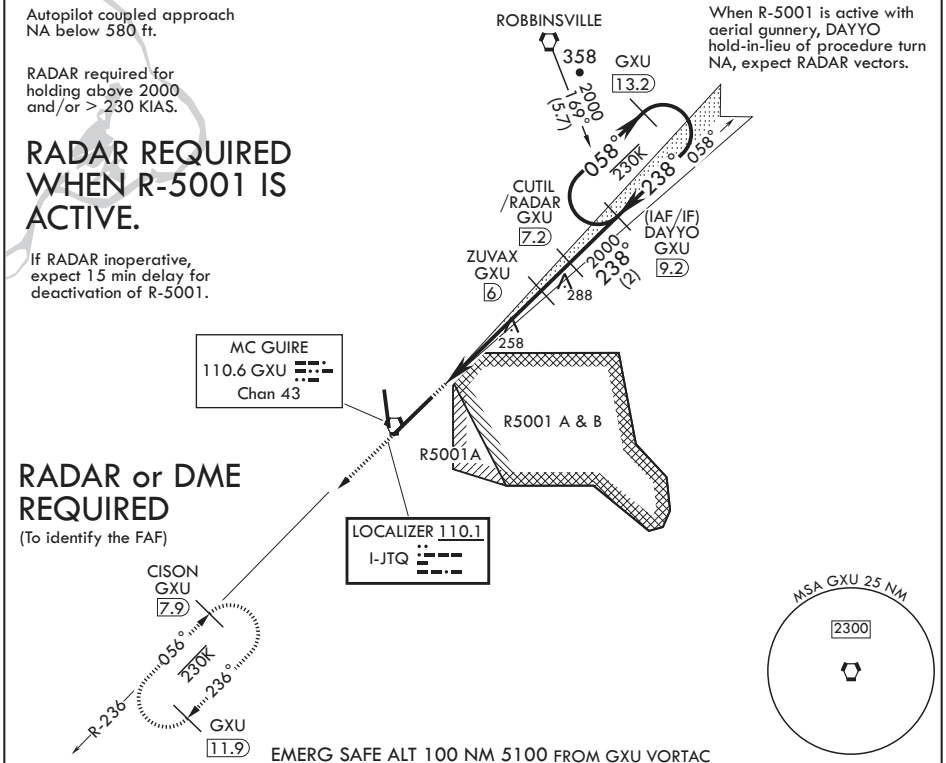
Autopilot coupled approach NA below 580 ft.

RADAR required for holding above 2000 and/or > 230 KIAS.

RADAR REQUIRED WHEN R-5001 IS ACTIVE.

If RADAR inoperative, expect 15 min delay for deactivation of R-5001.

When R-5001 is active with aerial gunnery, DAYYO hold-in-lieu of procedure turn NA, expect RADAR vectors.



RADAR or DME REQUIRED

(To identify the FAF)

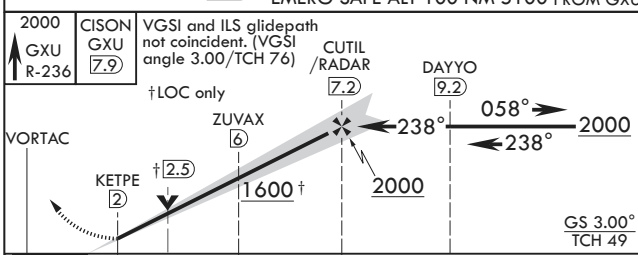
EMERG SAFE ALT 100 NM 5100 FROM GXU VORTAC

2000 GXU R-236

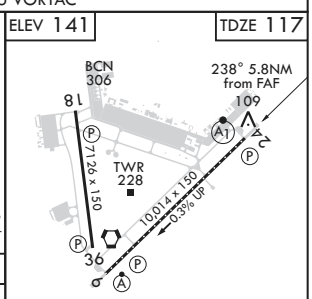
CISON GXU 7.9

VGSI and ILS glidepath not coincident. (VGSI angle 3.00/TCH 76)

†LOC only



ELEV 141 TDZE 117



HIRL all Rwys
REIL Rwys 18, 36
TDZL/CL Rwy 6

CATEGORY	A	B	C	D	E
S-ILS 24*	317/24		200	(200-½)	
S-LOC 24**	560/24 443 (500-½)		560/45	443	(500-⅞)
C CIRCLING***	680-1 539 (600-1)		700-1½ 559 (600-1½)	700-2 559 (600-2)	1200-3 1059 (1100-3)

FAF to MAP 5.2 NM

Knots	60	90	120	150	180
Min:Sec	5:12	3:28	2:36	2:05	1:44

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

ILS RWY 6 (CAT II)

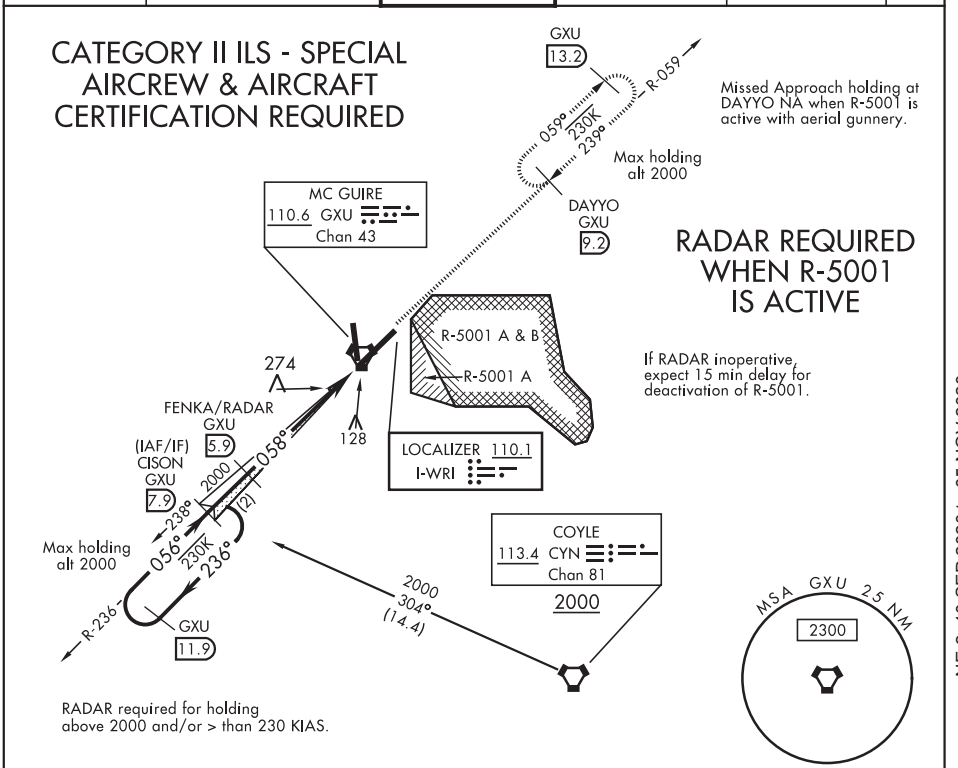
MC GUIRE FLD,
(JOINT BASE MC GUIRE DIX LAKEHURST) (KWRI)

LOC I-WRI	APCH CRS	Rwy ldg 10,014 TDZE 131 Arpt Elev 141	AL-150 [USAF]
110.1	058°		

ALSF-2

MISSED APPROACH: Climb to 2000 via GXU R-059 to DAYYO and hold. Alternate Missed Approach instructions: Climb to 2000 via GXU R-059 to DAYYO, expect further clearance from ATC.

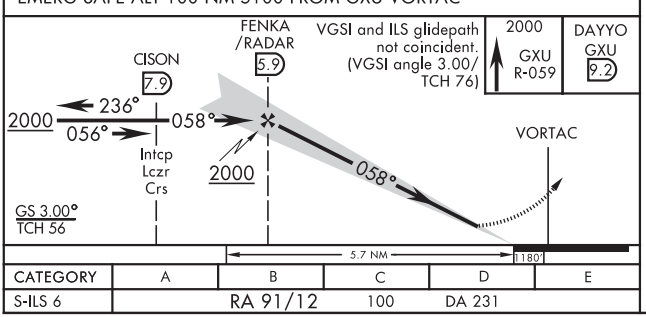
ATIS	MC GUIRE APP CON	MC GUIRE TOWER	GND CON	CLNC DEL	PAR
110.6 270.1	126.475 363.8	118.65 255.6	121.8 275.8	135.2 335.8	



RADAR or DME REQUIRED

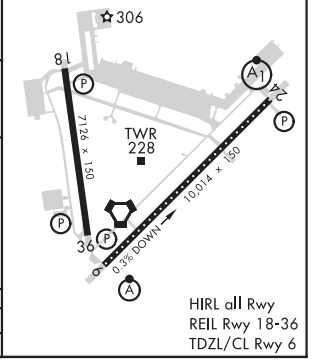
(To identify the FAF)

EMERG SAFE ALT 100 NM 5100 FROM GXU VORTAC



CATEGORY	A	B	C	D	E
S-ILS 6	RA 91/12		100	DA 231	

ELEV 141 | TDZE 131



HIRL all Rwy
REIL Rwy 18-36
TDZL/CL Rwy 6

NE-2, 10 SEP 2020 to 05 NOV 2020

WRIGHTSTOWN, NEW JERSEY

RNAV (GPS) RWY 6

AL-150 (USAF)

MC GUIRE FIELD (JOINT BASE MC GUIRE DIX LAKEHURST) (KWRI)

WAAS CH **91356** **W06A**	APCH CRS **058°**	Rwy ldg **10,014** TDZE **131** Arpt Elev **141**

* When TDZ/CL lights inop, increase RVR to 24. When ALS inop, increase RVR to 40, vis to 3/4 mile.
** When ALS inop, increase vis to 1 1/4 miles.
*** When ALS inop, increase CAT AB RVR to 55, vis to 1 mile; CAT CDE vis to 1 1/4 miles.

ALSF-2

MISSED APPROACH: Climb to 2000 direct DAYYO and hold.

ATIS	MC GUIRE APP CON	TOWER	GND CON	CLNC DEL	PAR
110.6 270.1	126.475 363.8	118.65 255.6	121.8 275.8	135.2 335.8	

**** Circling East of Airfield NA when R-5001 A/B active.

DME/DME RNP-0.3 NA

For uncompensated Baro-VNAV systems, Procedure NA below -15°C (5°F) or above 52°C (126°F).

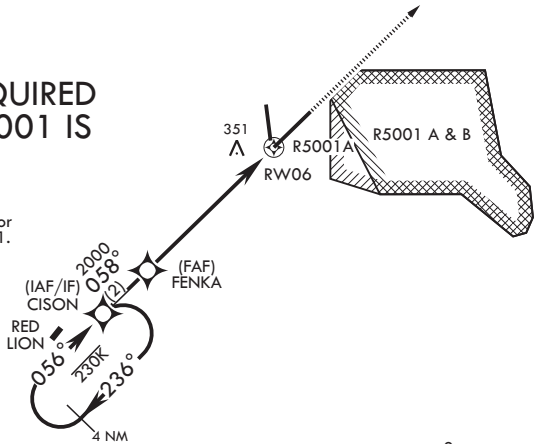
RADAR required for holding above 2000 and/or > 230 KIAS.

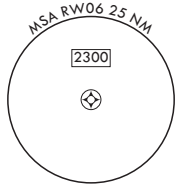
RADAR REQUIRED WHEN R-5001 IS ACTIVE.

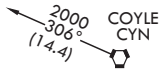
If RADAR inoperative, expect 15 min delay for deactivation of R-5001.

Alternate Missed Approach instructions: Climb to 2000 direct DAYYO, expect further clearance from ATC.

Missed approach holding at DAYYO NA when R-5001 is active with aerial gunnery.

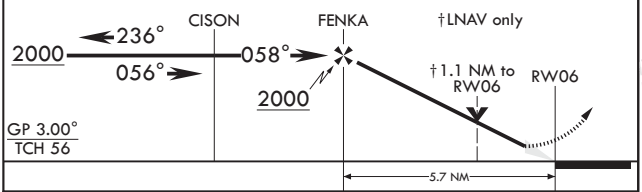




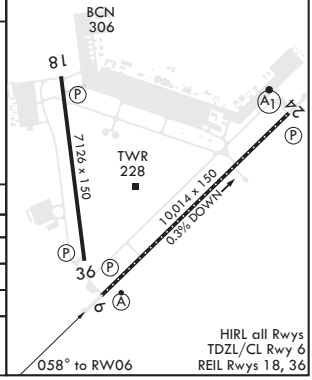


EMERG SAFE ALT 100 NM 5100

VGSI and RNAV glidepath not coincident (VGSI angle 3.00/TCH 76).



ELEV 141 TDZE 131



CATEGORY	A	B	C	D	E
LPV DA*	331/18		200 (200-½)		
LNAV/VNAV DA**	560/40		429 (500-¾)		
LNAV MDA***	560/24 429 (500-½)		560/40 429 (500-¾)		
C CIRCLING****	680-1 539 (600-1)		700-1½ 559 (600-1½)	700-2 559 (600-2)	1200-3 1059 (1100-3)

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

WRIGHTSTOWN, NEW JERSEY

RNAV (GPS) RWY 18

AL-150 (USAF)

MC GUIRE FIELD (JOINT BASE MC GUIRE DIX LAKEHURST) (KWRI)

APCH CRS	Rwy ldg	7126
185°	TDZE	123
	Arpt Elev	141

* Circling East of Airfield NA when R-5001 A/B active.

MISSED APPROACH: Climb to 2000 direct KRIZZ and hold.

ATIS	MC GUIRE APP CON	TOWER	GND CON	CLNC DEL	PAR
110.6 270.1	126.475 363.8	118.65 255.6	121.8 275.8	135.2 335.8	

DME/DME RNP-0.3 NA

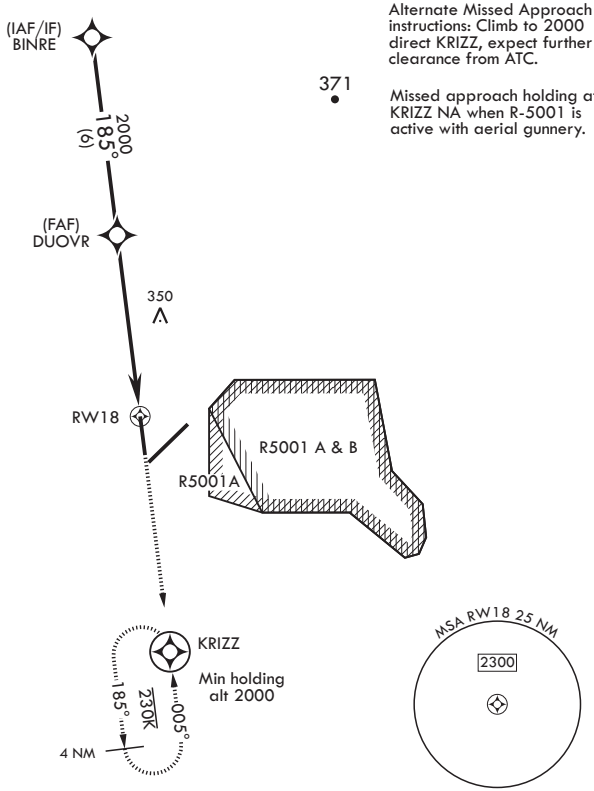
Alternate Missed Approach instructions: Climb to 2000 direct KRIZZ, expect further clearance from ATC.

Missed approach holding at KRIZZ NA when R-5001 is active with aerial gunnery.

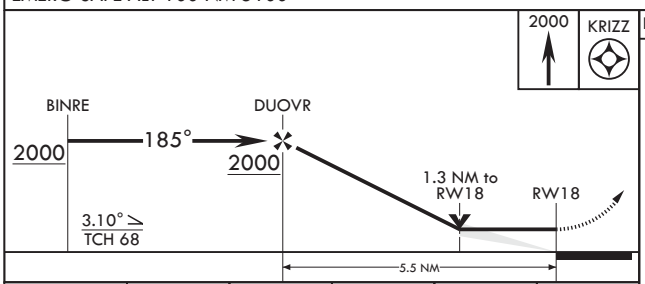
RADAR required for holding above 2000 and/or > 230 KIAS.

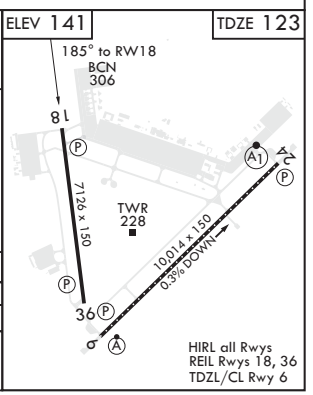
RADAR REQUIRED WHEN R-5001 IS ACTIVE AND/OR R-5002 IS ACTIVE.

If RADAR inoperative, expect 15 min delay for deactivation of R-5001 and/or R-5002.



EMERG SAFE ALT 100 NM 5100





CATEGORY	A	B	C	D	E
LNAV MDA	600-1 477 (500-1)		600-1⅜ 477 (500-1⅜)		
C CIRCLING*	680-1 539 (600-1)		700-1½ 559 (600-1½)	700-2 559 (600-2)	1200-3 1059 (1100-3)

NE-2, 10 SEP 2020 to 05 NOV 2020
NE-2, 10 SEP 2020 to 05 NOV 2020

WRIGHTSTOWN, NEW JERSEY

RNAV (GPS) RWY 24

AL-150 (USAF)

MC GUIRE FIELD (JOINT BASE MC GUIRE DIX LAKEHURST) (KWRI)

WAAS CH 91359 W24A	APCH CRS 238°	Rwy ldg 10,014 TDZE 117 Arpt Elev 141

* When ALS inop, increase RVR to 40, vis to ¾ mile.
** When ALS inop, increase vis to 1 3/8 miles.
*** When ALS inop increase CAT AB RVR to 55, vis to 1 mile, CAT CDE vis to 1 3/8 miles.

ALSF-1

MISSED APPROACH: Climb to 2000 direct CISON and hold.

ATIS	MC GUIRE APP CON	TOWER	GND CON	CLNC DEL	PAR
110.6 270.1	126.475 363.8	118.65 255.6	121.8 275.8	135.2 335.8	

**** Circling East of the Airfield NA when R-5001 A/B active.

DME/DME RNP-0.3 NA

For uncompensated Baro-VNAV systems, Procedure NA below -15°C (5°F) or above 53°C (128°F).

RADAR required for holding above 2000 and/or > 230 KIAS.

RADAR REQUIRED WHEN R-5001 IS ACTIVE.

If RADAR inoperative, expect 15 min delay for deactivation of R-5001.

When R-5001 is active with aerial gunnery, DAYYO hold-in-lieu of procedure turn NA, expect RADAR vectors.

ROBBINSVILLE RBV
358
2000
177°
(5.7)
4 NM
059°
230K
239°
(IAF/IF) DAYYO
(FAF) CUTIL
2000
238°
(2)
ZUVAX
278
310
RW24
R5001 A & B
R5001A
CISON
Min holding alt 2000
056°
230K
236°
4 NM
MSA RW24 25 NM
2300
EMERG SAFE ALT 100 NM 5100

2000
CISON

VGSI and RNAV glidepath not coincident (VGSI angle 3.00/TCH 75.60).

†LNAV only

CUTIL
DAYYO
059°
238°
239°
2000
ZUVAX
2000
RW24
†1.3 NM to RW24
1600†
GP 3.00°
TCH 49
4.6 NM
1.2 NM

ELEV 141
TDZE 117

BCN 306
18
238° to RW24
7126 x 150
TWR 228
10,014 x 150
0.3% UP
36

HIRL all Rwys
REIL Rwys 18, 36
TDZL/CL Rwy 6

CATEGORY	A	B	C	D	E
LPV DA*	317/24		200	(200-½)	
LNAV/VNAV DA**	580/50		463	(500-1)	
LNAV MDA***	580/24 463 (500-½)		580/50 463 (500-1)		
C CIRCLING****	680-1 539 (600-1)		700-1½ 559 (600-1½)	700-2 559 (600-2)	1200-3 1059 (1100-3)

NE-2, 10 SEP 2020 to 05 NOV 2020

WRIGHTSTOWN, NEW JERSEY

RNAV (GPS) RWY 36

AL-150 (USAF)

MC GUIRE FIELD (JOINT BASE MC GUIRE DIX LAKEHURST) (KWRI)

APCH CRS	Rwy ldg	7126
005°	TDZE	129
	Arpt Elev	141

* Circling East of airfield NA when R-5001 A/B active.

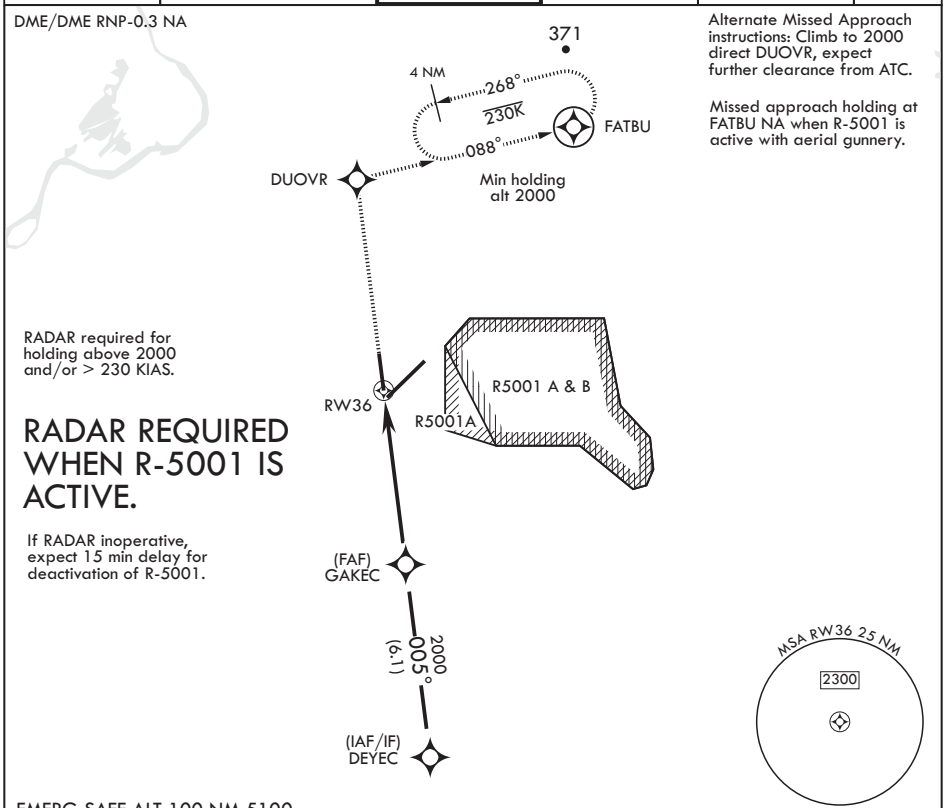
MISSED APPROACH: Climb to 2000 direct DUOVR, then turn right direct FATBU and hold.

ATIS	MC GUIRE APP CON	TOWER	GND CON	CLNC DEL	PAR
110.6 270.1	126.475 363.8	118.65 255.6	121.8 275.8	135.2 335.8	

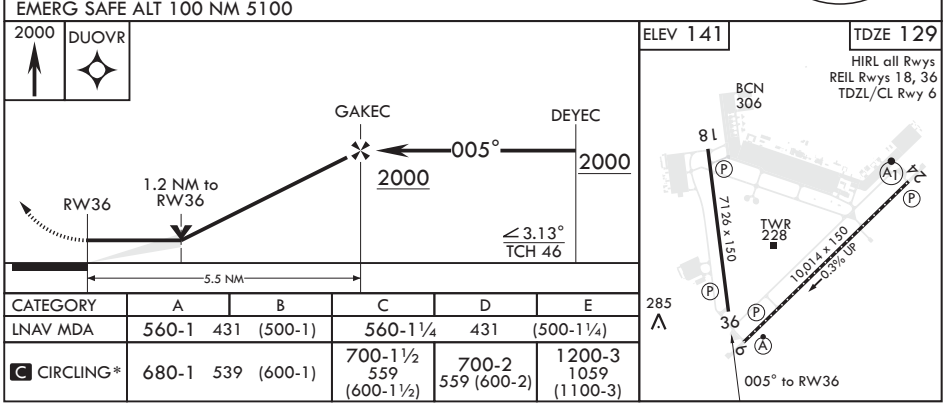
DME/DME RNP-0.3 NA

Alternate Missed Approach instructions: Climb to 2000 direct DUOVR, expect further clearance from ATC.

Missed approach holding at FATBU NA when R-5001 is active with aerial gunnery.



EMERG SAFE ALT 100 NM 5100



CATEGORY	A	B	C	D	E
LNAV MDA	560-1 431	(500-1)	560-1¼ 431		(500-1¼)
C CIRCLING*	680-1 539	(600-1)	700-1½ 559 (600-1½)	700-2 559 (600-2)	1200-3 1059 (1100-3)

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

20254

WRIGHTSTOWN, NEW JERSEY

VOR/DME or TACAN RWY 6

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

VORTAC GXU 110.6 Chan 43	APCH CRS 044°	Rwy ldg 10,014 TDZE 131 Arpt Elev 141	AL-150 [USAF]

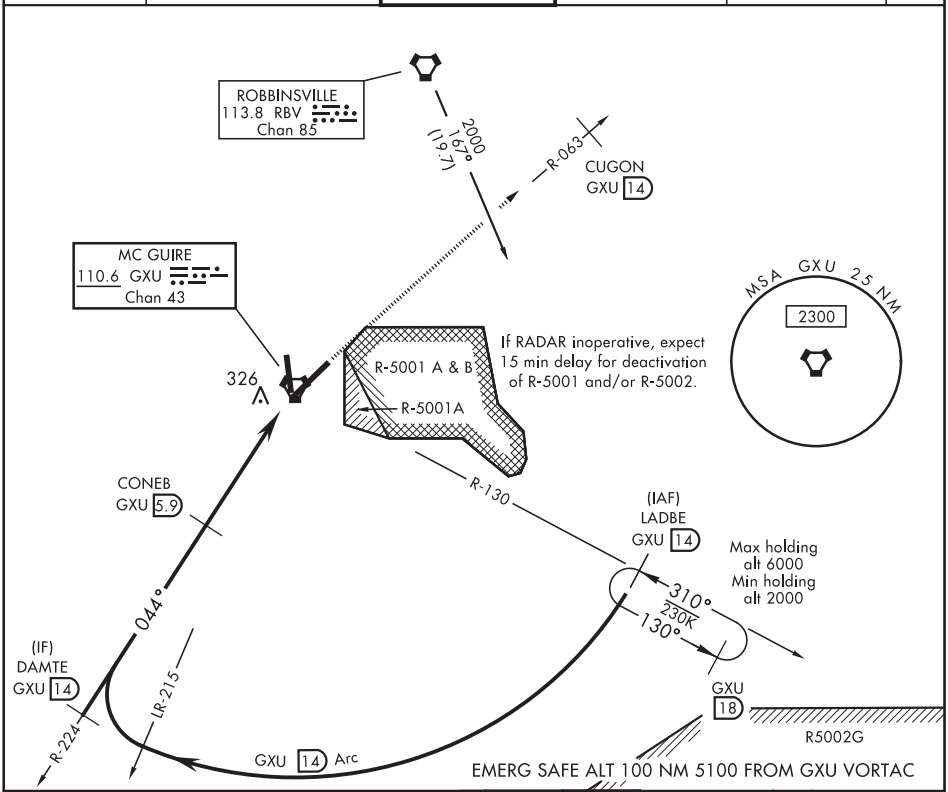
RADAR REQUIRED when R-5001 and/or R-5002 is active.

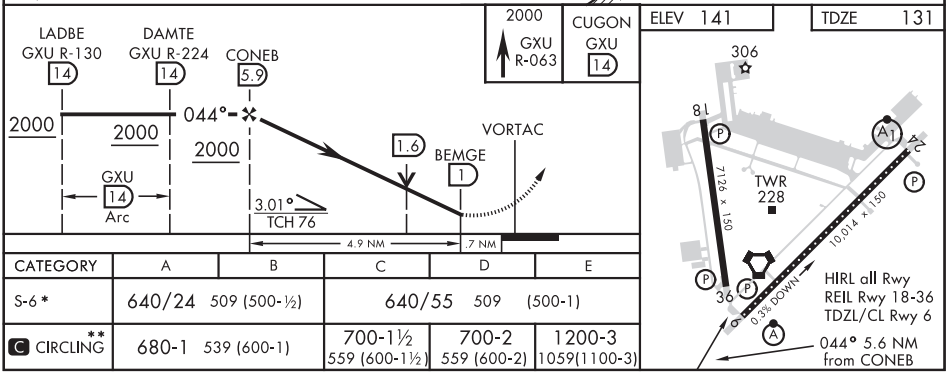
* When ALS inop, increase CAT AB RVR to 55 and vis to 1 mile, CAT CDE vis to 1⅜ miles.
** Circling E of airfield NA when R-5001 A/B active.

ALSF-2

MISSED APPROACH: Climb to 2000 via GXU VORTAC R-063 to CUGON, expect further clearance from ATC.

ATIS	MC GUIRE APP CON	MC GUIRE TOWER	GND CON	CLNC DEL	PAR
110.6 270.1	126.475 363.8	118.65 255.6	121.8 275.8	135.2 335.8	





CATEGORY	A	B	C	D	E
S-6 *	640/24 509 (500-½)		640/55 509 (500-1)		
C CIRCLING **	680-1 539 (600-1)		700-1½ 559 (600-1½)	700-2 559 (600-2)	1200-3 1059(1100-3)

WRIGHTSTOWN, NEW JERSEY
Amdt 6 10SEP20

40°01′N-74°36′W

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

VOR/DME or TACAN RWY 6

NE-2, 10 SEP 2020 to 05 NOV 2020

WRIGHTSTOWN, NEW JERSEY

VOR/DME or TACAN RWY 18

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

VORTAC GXU 110.6 Chan 43	APCH CRS 179°	Rwy ldg 7126 TDZE 123 Arpt Elev 141

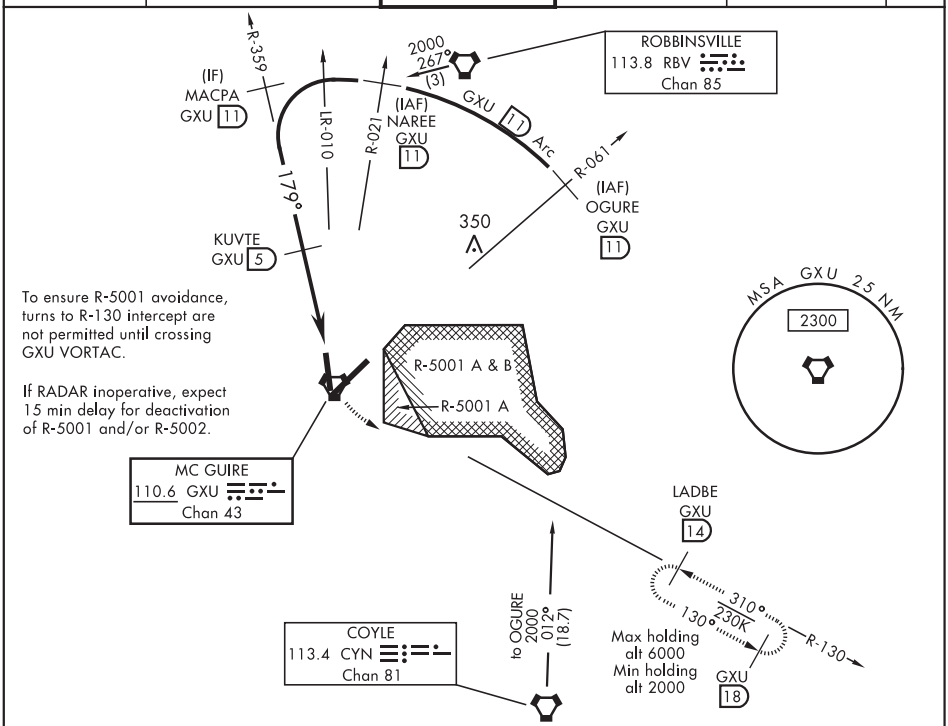
AL-150 [USAF]

RADAR required when R-5001 and/or R-5002 is active.

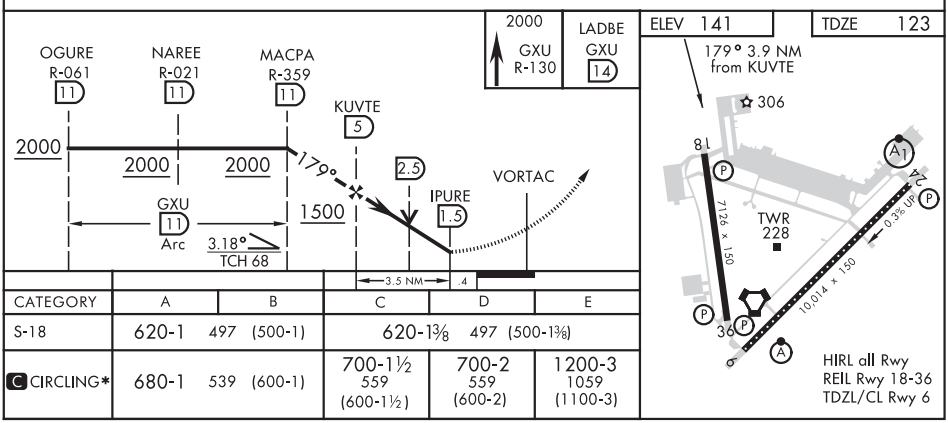
* Circling East of airfield NA when R-5001 A/B active.

MISSED APPROACH: Climb to 2000 via GXU VORTAC R-130 to LADBE and hold, DO NOT turn prior to GXU.

ATIS	MC GUIRE APP CON	MC GUIRE TOWER	GND CON	CLNC DEL	PAR
110.6 270.1	126.475 363.8	118.65 255.6	121.8 275.8	135.2 335.8	



EMERG SAFE ALT 100 NM 5100 FROM GXU VORTAC



CATEGORY	A	B	C	D	E
S-18	620-1 497 (500-1)		620-1⅜ 497 (500-1⅜)		
C CIRCLING*	680-1 539 (600-1)		700-1½ 559 (600-1½)	700-2 559 (600-2)	1200-3 1059 (1100-3)

NE-2, 10 SEP 2020 to 05 NOV 2020
NE-2, 10 SEP 2020 to 05 NOV 2020

20254

WRIGHTSTOWN, NEW JERSEY

VOR/DME or TACAN RWY 24

AL-150 (USAF)

MC GUIRE FIELD (JOINT BASE MC GUIRE DIX LAKEHURST) (KWRI)

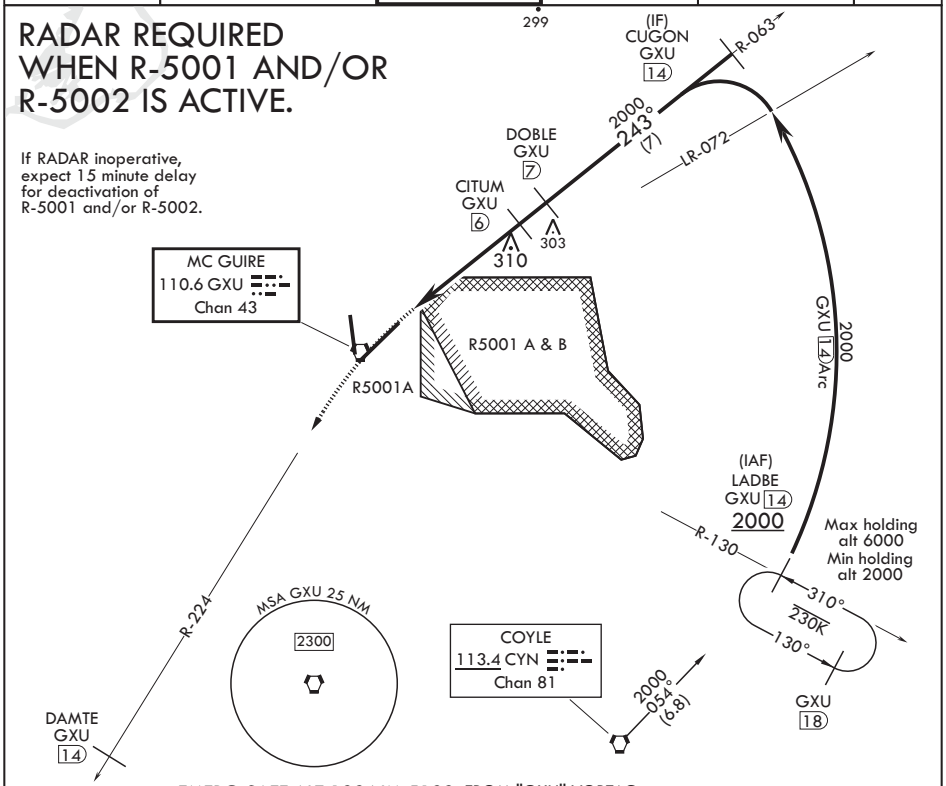
VORTAC GXU 110.6 Chan 43	APCH CRS 243°	Rwy ldg 10,014 TDZE 117 Arpt Elev 141

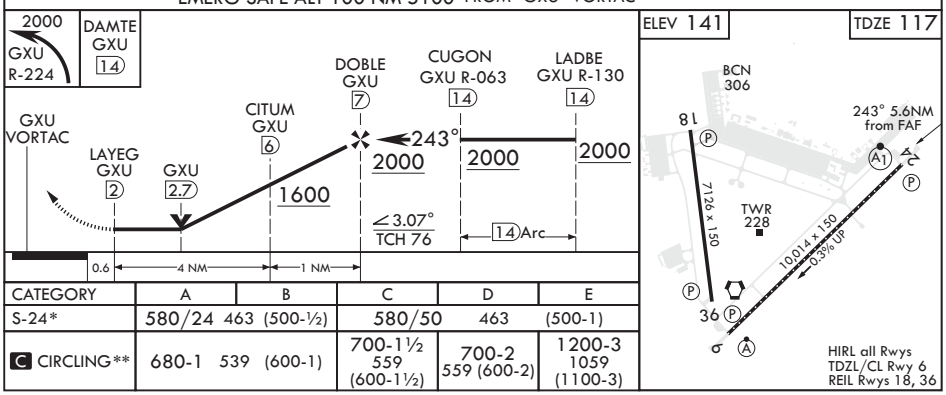
* When ALS inop, increase CAT AB RVR to 55 and vis to 1 mile, CAT CDE vis to 1 3/8 miles.
** Circling East of airfield NA when R-5001 A/B active.

ALSF-1 (A1)

MISSED APPROACH: Climb to 2000 via GXU R-224 to DAMTE, Expect further clearance from ATC.

ATIS	MC GUIRE APP CON	TOWER	GND CON	CLNC DEL	PAR
110.6 270.1	126.475 363.8	118.65 255.6	121.8 275.8	135.2 335.8	





CATEGORY	A	B	C	D	E
S-24*	580/24 463 (500-½)		580/50	463	(500-1)
C CIRCLING**	680-1 539 (600-1)		700-1½ 559 (600-1½)	700-2 559 (600-2)	1200-3 1059 (1100-3)

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

WRIGHTSTOWN, NEW JERSEY

VOR/DME or TACAN RWY 36

AL-150 (USAF)

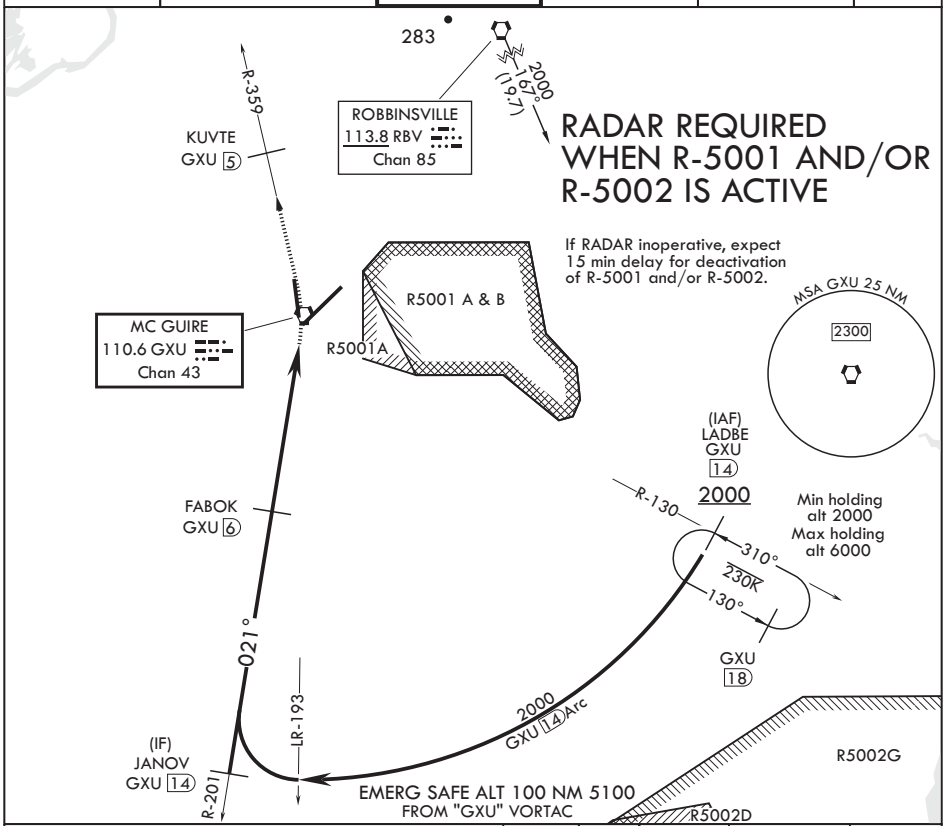
MC GUIRE FIELD (JOINT BASE MC GUIRE DIX LAKEHURST) (KWRI)

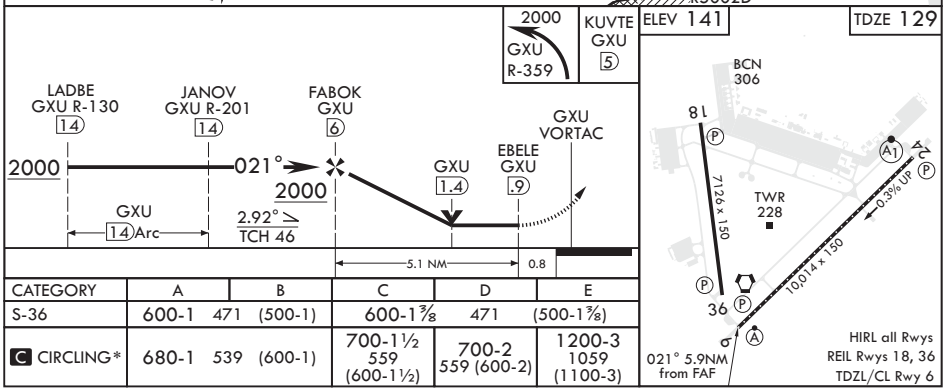
VORTAC GXU 110.6 Chan 43	APCH CRS 021°	Rwy ldg 7126 TDZE 129 Arpt Elev 141

* Circling East of Airfield NA when R-5001 A/B active.

MISSED APPROACH: Climb to 2000 via GXU R-359 to KUVTE, expect further clearance with ATC.

ATIS	MC GUIRE APP CON	TOWER	GND CON	CLNC DEL	PAR
110.6 270.1	126.475 363.8	118.65 255.6	121.8 275.8	135.2 335.8	





CATEGORY	A	B	C	D	E
S-36	600-1 471 (500-1)		600-1 3/8 471 (500-1 3/8)		
C CIRCLING*	680-1 539 (600-1)		700-1 1/2 559 (600-1 1/2)	700-2 559 (600-2)	1200-3 1059 (1100-3)

NE-2, 10 SEP 2020 to 05 NOV 2020

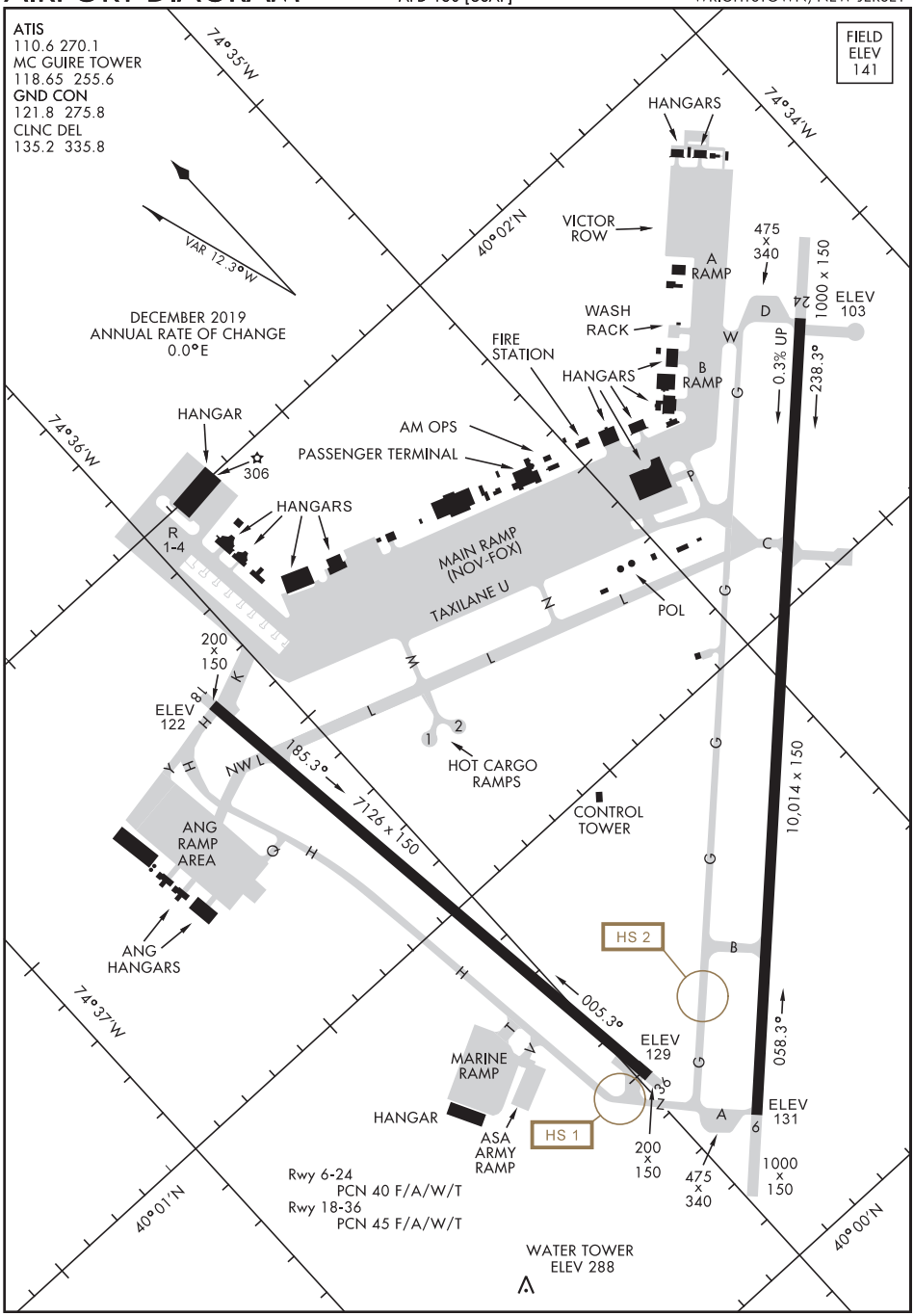
19339

AIRPORT DIAGRAM

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

AFD-150 [USAF]

WRIGHTSTOWN, NEW JERSEY



NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

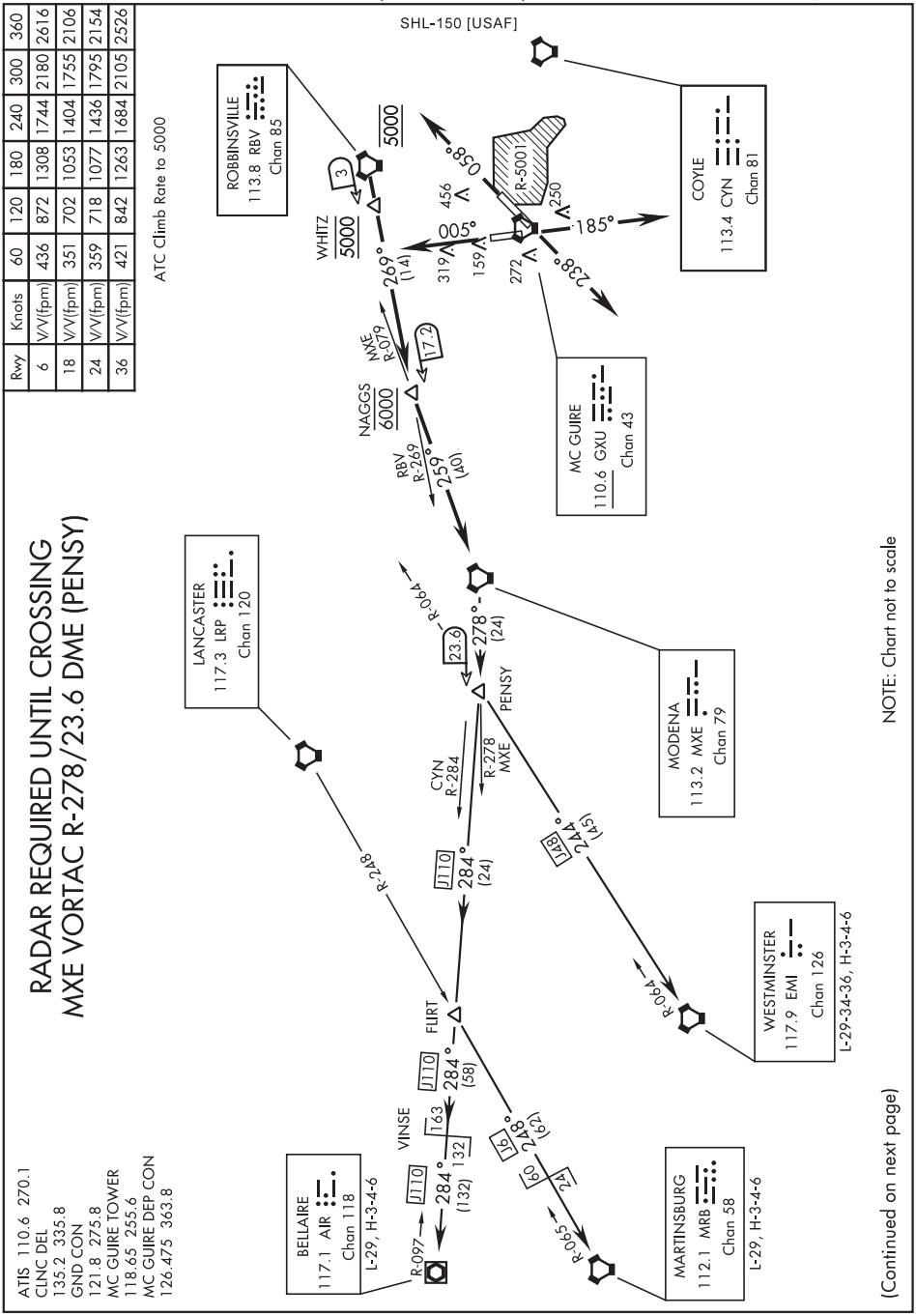
AIRPORT DIAGRAM

WRIGHTSTOWN, NEW JERSEY

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

Rwy	Knots	60	120	180	240	300	360
6	V/V(fpm)	436	872	1308	1744	2180	2616
18	V/V(fpm)	351	702	1053	1404	1755	2106
24	V/V(fpm)	359	718	1077	1436	1795	2154
36	V/V(fpm)	421	842	1263	1684	2105	2526

ATC Climb Rate to 5000



ATIS 110.6 270.1
CLNC DEL 135.2 335.8
GND CON 121.8 275.8
MC GUIRE TOWER 118.65 255.6
MC GUIRE DEP CON 126.475 363.8

NE-2, 10 SEP 2020 to 05 NOV 2020

SHL-150 [USAF]

DEPARTURE ROUTE DESCRIPTION

TAKE-OFF RWY 6: Climb on a 058° track, thence.....

TAKE-OFF RWY 18: Climb on a 185° track, thence.....

TAKE-OFF RWY 24: Climb on a 238° track, thence.....

TAKE-OFF RWY 36: Climb on a 005° track, thence.....

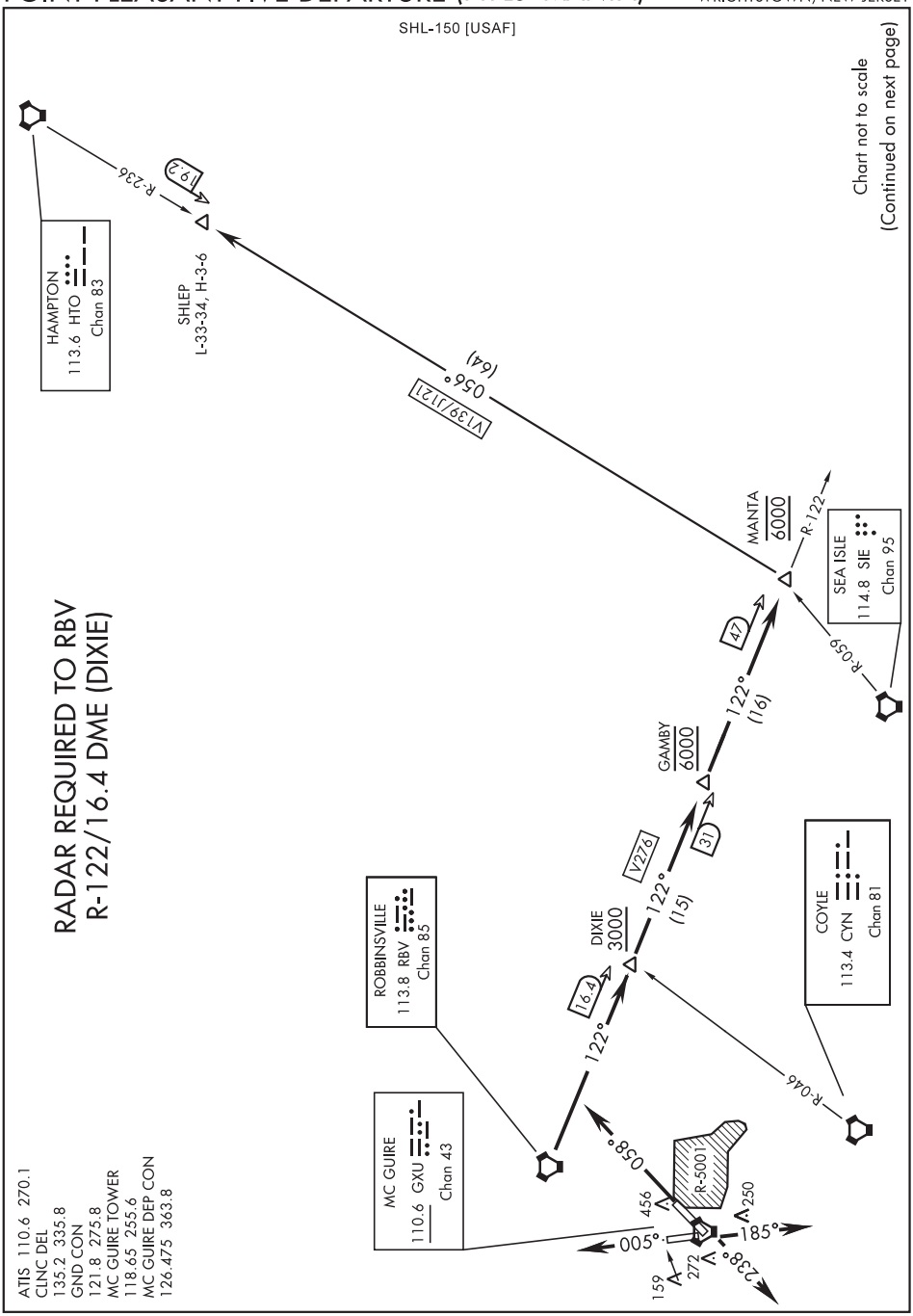
....via RADAR vectors to RBV VORTAC. Cross RBV at 5000. Then intercept and fly RBV R-269 to RBV R-269/3 DME (WHITZ) and RBV R-269/17.2 DME (NAGGS). Cross WHITZ at 5000, cross NAGGS at 6000. Intercept and fly MXE VORTAC R-079 to MXE VORTAC, thence....

via (transition) or (assigned route)

BELLAIRE TRANSITION (MXE4.AIR): Via MXE R-278 to MXE R-278/23.6 DME (PENSY). Join J110 to AIR VOR/DME.

MARTINSBURG TRANSITION (MXE4.MRB): Via MXE R-278 to MXE R-278/23.6 DME (PENSY). Join J110 and J6 to MRB VORTAC.

WESTMINSTER TRANSITION (MXE4.EMI): Via MXE R-278 to MXE R-278/23.6 DME (PENSY). Join J48 to EMI VORTAC. For Non-RNAV equipped aircraft only.


SHL-150 [USAF]
Chart not to scale
(Continued on next page)
RADAR REQUIRED TO RBV
R-122/16.4 DME (DIXIE)
HAMPTON
113.6 HTO
Chan 83
R-236
SHLEP
L-33-34, H-3-6
V139/J121
056°
(64)
MANTA
6000
R-122
SEA ISLE
114.8 SIE
Chan 95
R-059
47
122°
(16)
GAMBY
6000
31
V276
122°
(15)
DIXIE
3000
16.4
122°
058°
ROBBINSVILLE
113.8 RBV
Chan 85
MC GUIRE
110.6 GXU
Chan 43
COYLE
113.4 CYN
Chan 81
R-046
R-5001
456
250
185°
005°
238°
159
272
ATIS 110.6 270.1
CLNC DEL
135.2 335.8
GND CON
121.8 275.8
MC GUIRE TOWER
118.65 255.6
MC GUIRE DEP CON
126.475 363.8

SHL-150 [USAF]

DEPARTURE ROUTE DESCRIPTION
(Continued)

TAKE-OFF RWY 6: Climb on a 058° track, thence....

TAKE-OFF RWY 18: Climb on a 185° track, thence....

TAKE-OFF RWY 24: Climb on a 238° track, thence....

TAKE-OFF RWY 36: Climb on a 005° track, thence....

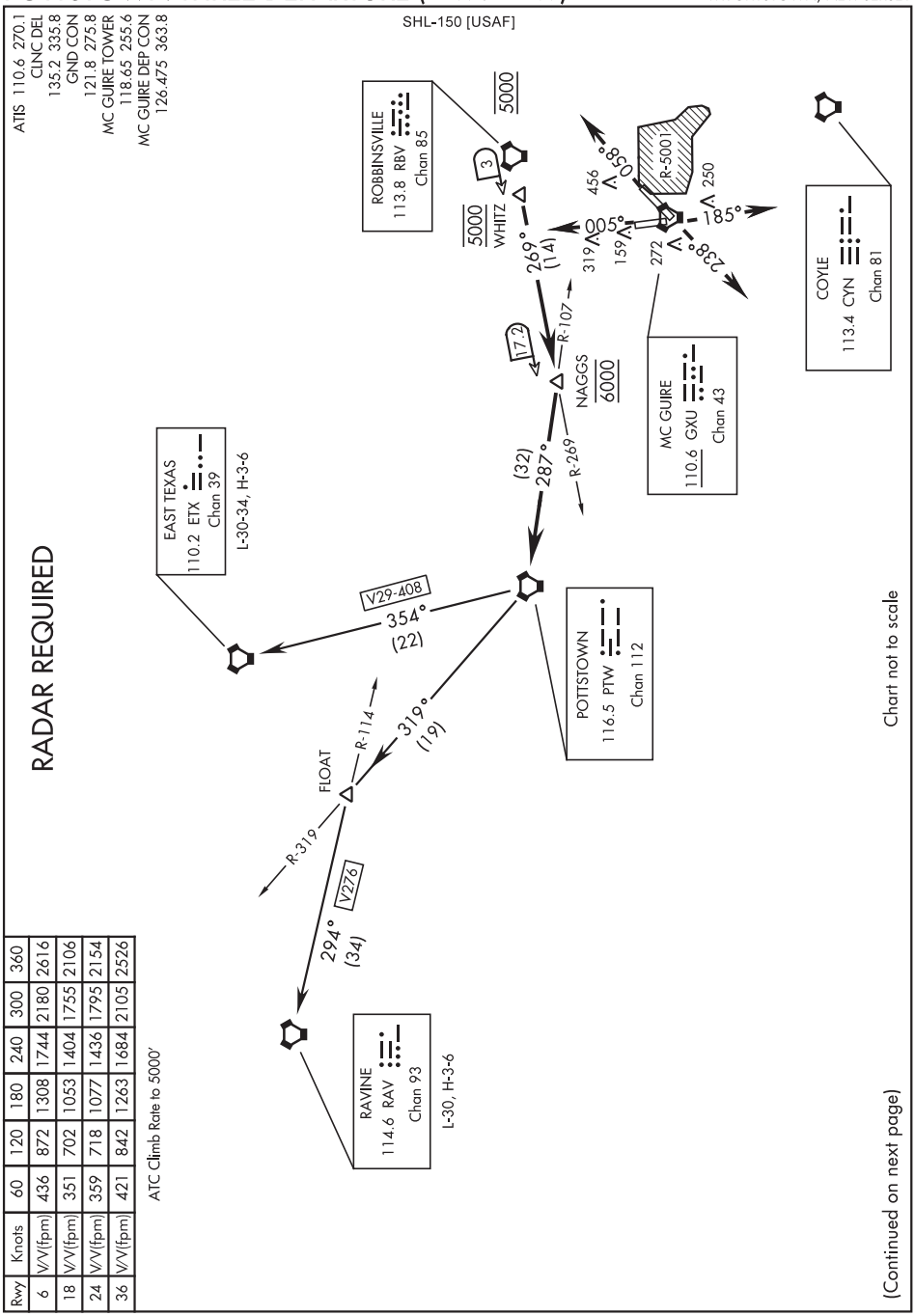
....via RADAR vectors to RBV VORTAC R-122/16.4 DME (DIXIE). Cross DIXIE at or above 3000. Fly RBV R-122 (V276) to RBV R-122/31 DME (GAMBY) and RBV R-122/47 DME (MANTA). Cross GAMBY and MANTA at 6000, thence....

via (transition) or (assigned route)

SHLEP TRANSITION (PTPL5.SHLEP): Via V139/J121 to HTO VORTAC R-236/19.2 DME (SHLEP).

POTTSTOWN THREE DEPARTURE (PTW3•PTW)

WRIGHTSTOWN, NEW JERSEY



ATC Climb Rate to 5000'

Rwy	Knots	60	120	180	240	300	360
6	V/V(fpm)	436	872	1308	1744	2180	2616
18	V/V(fpm)	351	702	1053	1404	1755	2106
24	V/V(fpm)	359	718	1077	1436	1795	2154
36	V/V(fpm)	421	842	1263	1684	2105	2526

SHL-150 [USAF]

DEPARTURE ROUTE DESCRIPTION
(Continued)

TAKE-OFF RWY 6: Climb on a 058° track, thence....

TAKE-OFF RWY 18: Climb on a 185° track, thence....

TAKE-OFF RWY 24: Climb on a 238° track, thence....

TAKE-OFF RWY 36: Climb on a 005° track, thence....

....via RADAR vectors to RBV VORTAC. Cross RBV at 5000. Then intercept and fly RBV R-269 to RBV R-269/3 DME (WHITZ) and RBV R-269/17.2 DME (NAGGS). Cross WHITZ at 5000, cross NAGGS at 6000. Intercept and fly PTW VORTAC R-107 to PTW VORTAC thence....

via (transition) or (assigned route)

EAST TEXAS TRANSITION (PTW3.ETX): (non-turbojet a/c only) Via V29/V408 to ETX VORTAC.

RAVINE TRANSITION (PTW3.RAV): Via PTW R-319 to RAV R-114 intersection (FLOAT) then via V276 to RAV VORTAC.

APP CRS	Rwy ldg	2247
076°	TDZE	523
	Apt Elev	523

RNAV (GPS) RWY 8
RANDALL (Ø6N)

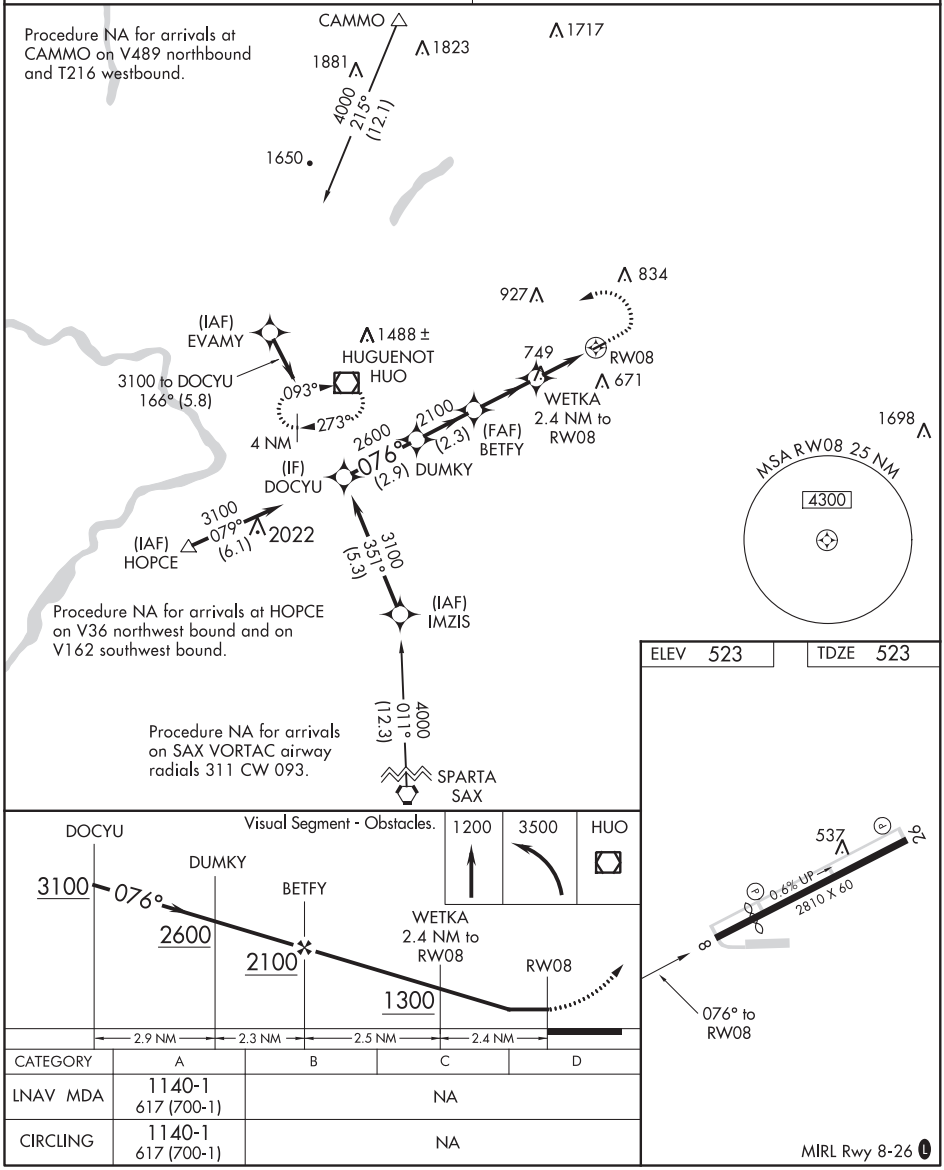
RNP APCH.

NA

Procedure NA at night. Use Newburgh altimeter setting, when not received, use Montgomery altimeter setting. Rwy 8 helicopter visibility reduction below 1 SM NA.

MISSED APPROACH: Climb to 1200 then climbing left turn to 3500 direct HUO VOR/DME and hold, continue climb-in-hold to 3500.

NEW YORK APP CON	UNICOM
132.75 363.1	122.8 (CTAF) L



CATEGORY	A	B	C	D
LNAV MDA	1140-1 617 (700-1)	NA		
CIRCLING	1140-1 617 (700-1)	NA		

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

MIDDLETOWN, NEW YORK | AL-5389 (FAA) | 20198

RNAV (GPS) RWY 26
RANDALL (Ø6N)

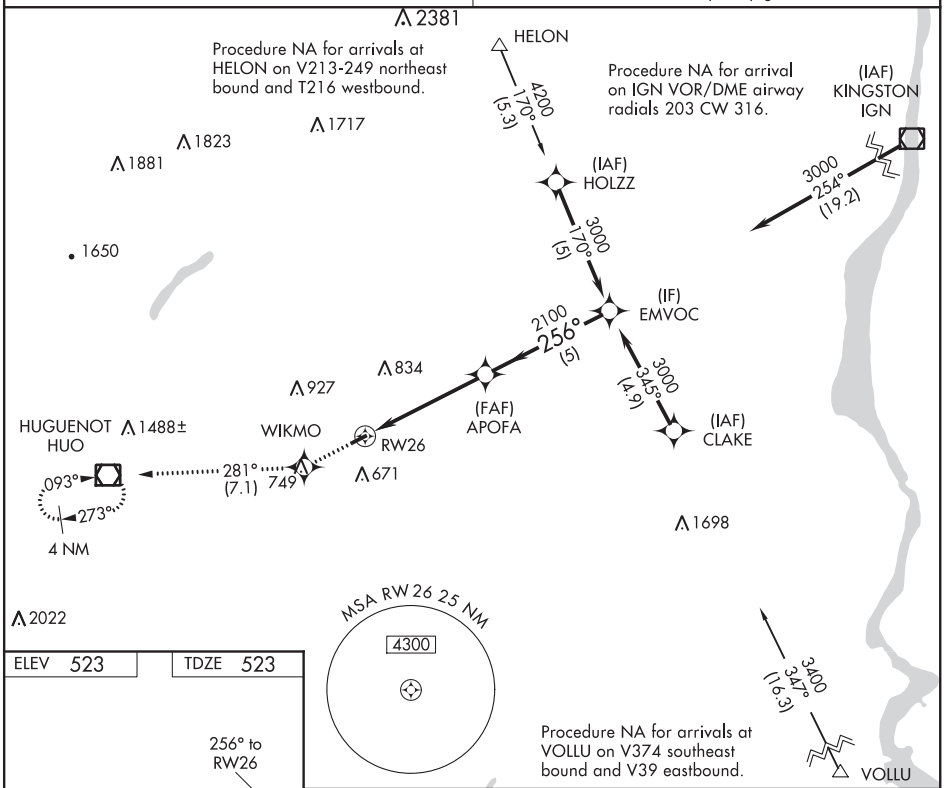
WAAS CH 40030 W26A	APP CRS 256°	Rwy ldg 2810 TDZE 523 Apt Elev 523

RNP APCH.

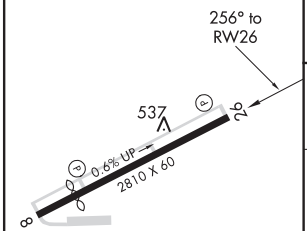
NA — Procedure NA at night. Rwy 26 helicopter visibility reduction below 1 SM NA. Use Newburgh altimeter setting; when not received, use Montgomery altimeter setting.

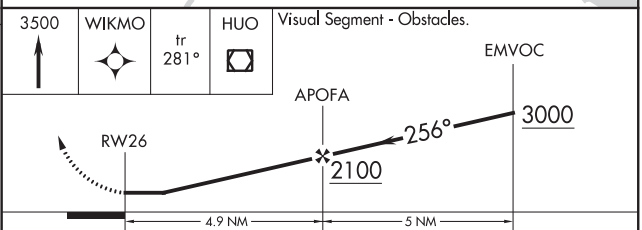
MISSED APPROACH: Climb to 3500 direct WIKMO and on track 281° to HUO VOR/DME and hold, continue climb-in-hold to 3500.

NEW YORK APP CON	UNICOM
132.75 363.1	122.8 (CTAF) L



ELEV 523	TDZE 523





CATEGORY	A	B	C	D
LP MDA	1020-1 497 (500-1)	NA		
LNAV MDA	1060-1 537 (600-1)	NA		
CIRCLING	1080-1 557 (600-1)	NA		

MIRL Rwy 8-26 L

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

RNAV (GPS) RWY 17
SKY ACRES (44N)

WAAS CH 78008 W17A	APP CRS 167°	Rwy ldg 3830 TDZE 694 Apt Elev 698

RNP APCH.

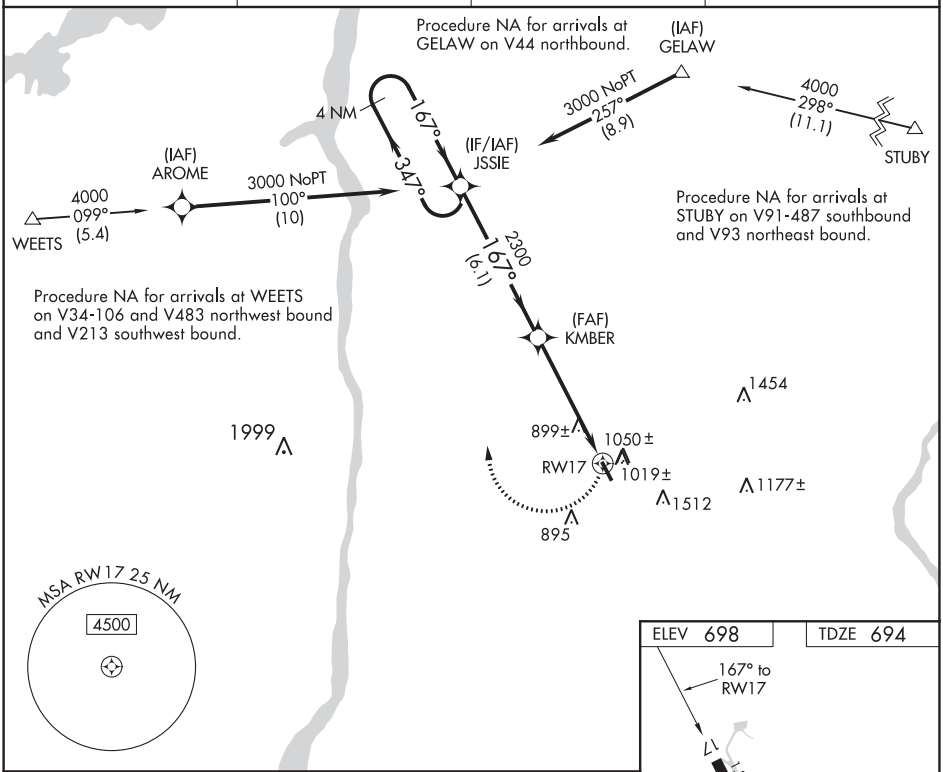
NA

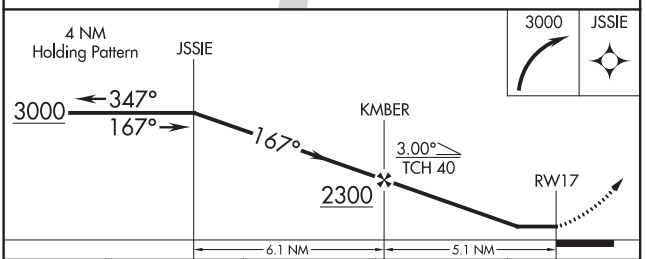
-23°C

Use Newburgh altimeter setting; when not received, procedure NA.
Rwy 17 helicopter visibility reduction below ¾ SM NA.

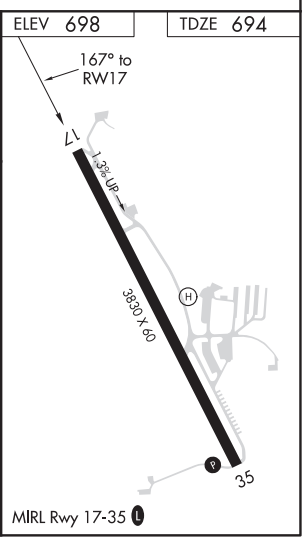
MISSED APPROACH: Climbing right turn to 3000 direct JSSIE and hold.

SWF ASOS	POU ASOS	NEW YORK APP CON	UNICOM
124.575	126.75	132.75 363.1	122.8 (CTAF) L





CATEGORY	A	B	C	D
LP MDA	1240-1 546 (600-1)		NA	
LNAV MDA	1360-1 666 (700-1)		NA	



NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

MILLBROOK, NEW YORK | AL-5473 (FAA) | 20198

RNAV (GPS) RWY 35
SKY ACRES (44N)

WAAS CH 86308 W35A	APP CRS 347°	Rwy ldg 3830 TDZE 698 Apt Elev 698

RNP APCH.

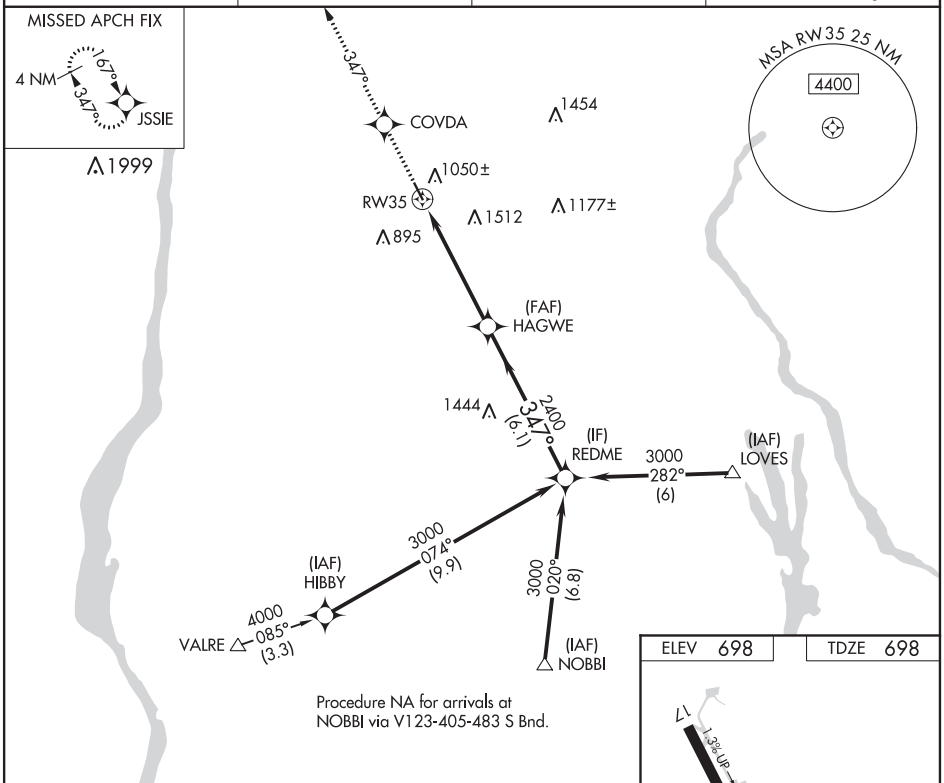
NA

-23°C

Use Newburgh altimeter setting; when not received use Poughkeepsie altimeter setting and increase LPV DA to 1063, and all MDA 20 feet.

MISSED APPROACH: Climb to 3000 direct COVDA and via 347° track to JSSIE and hold.

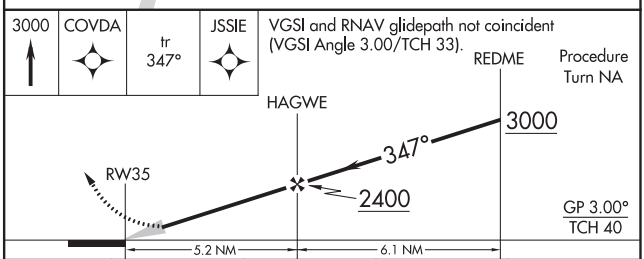
SWF ASOS	POU ASOS	NEW YORK APP CON	UNICOM
124.575	126.75	132.75 363.1	122.8 (CTAF) L



3000	COVDA	tr 347°	JSSIE

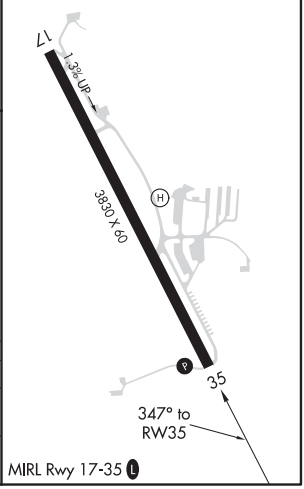
VGSI and RNAV glidepath not coincident (VGSI Angle 3.00/TCH 33).

Procedure Turn NA



CATEGORY	A	B	C	D
LPV DA	1046-1¼ 348 (400-1¼)		NA	
LNAV MDA	1700-1¼ 1002 (1100-1¼)	1700-1½ 1002 (1100-1½)	NA	

ELEV 698	TDZE 698



NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

APP CRS	Rwy ldg	N/A
069°	TDZE	N/A
	Apt Elev	700

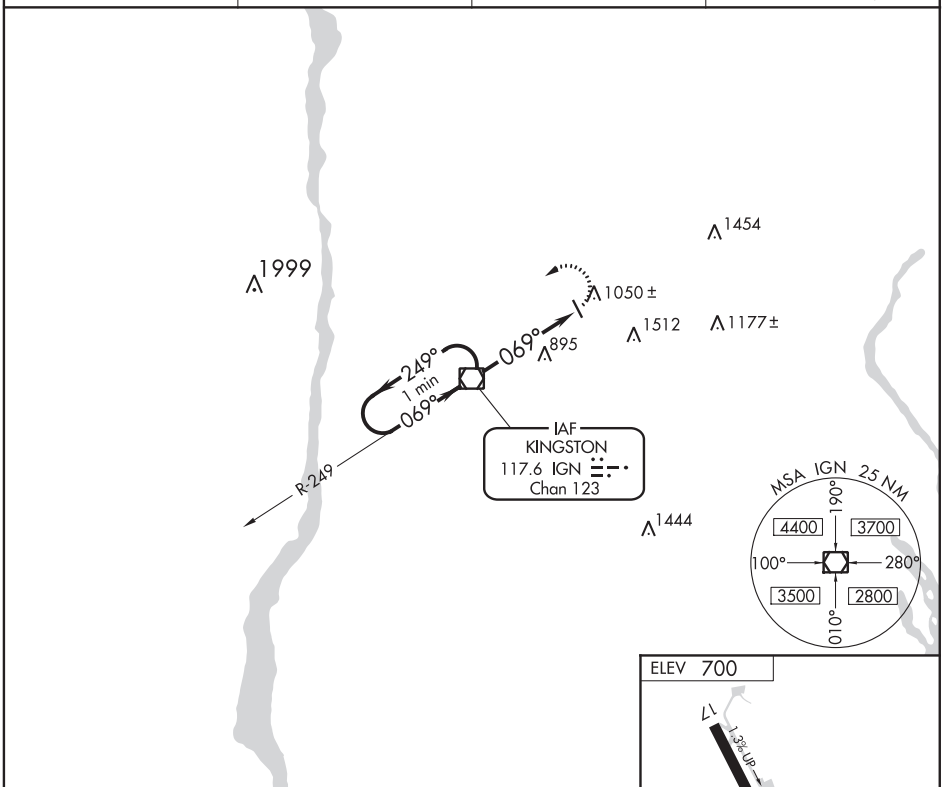
VOR-A
SKY ACRES (44N)

NA
-23°C

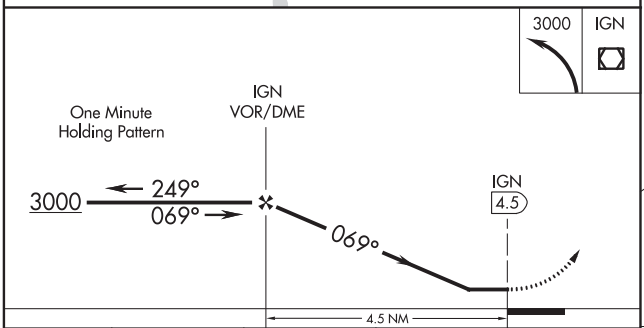
Use Poughkeepsie altimeter setting. NoPT for arrival on IGN VOR/DME airway radials 203 CW 316.

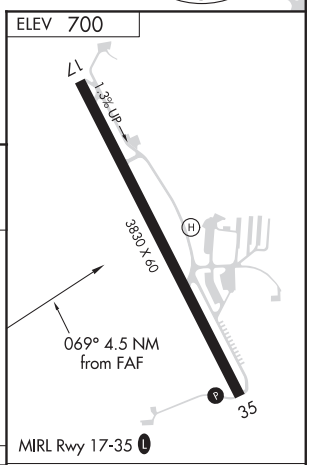
MISSED APPROACH: Climbing left turn to 3000 direct IGN VOR/DME and hold.

SWF ASOS	POU ASOS	NEW YORK APP CON	UNICOM
124.575	126.75	132.75 363.1	122.8 (CTAF) L



NE-2, 10 SEP 2020 to 05 NOV 2020





CATEGORY	A	B	C	D
CIRCLING	1580 - 1 880 (900-1)	1580 - 1¼ 880 (900-1¼)	NA	

FAF to MAP 4.5 NM					
Knots	60	90	120	150	180
Min:Sec	4:30	3:00	2:15	1:48	1:30

LOC I-MIV	APP CRS	Rwy ldg	6003
110.9	100°	TDZE	74
		Apt Elev	85

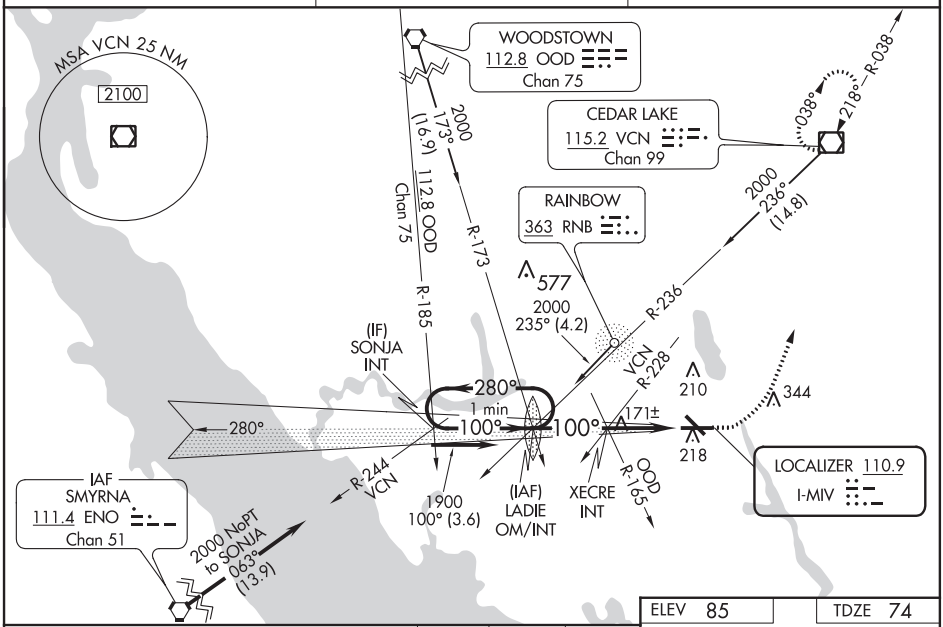
ILS or LOC RWY 10
MILLVILLE MUNI (MIV)

Circling to Rwy 32 NA at night. Inoperative table does not apply. Rwy 10 helicopter visibility reduction below ¾ SM NA. When local altimeter setting not received, use Atlantic City altimeter setting and increase all DA/MDA 60 feet; increase S-LOC 10 Cat B and Circling Cat B visibility ¼ mile, S-LOC 10 Cats C/D and Circling Cats C/D visibility ½ mile; XECRE fix minimums: increase S-LOC 10 Cats C/D visibility ¼ mile.

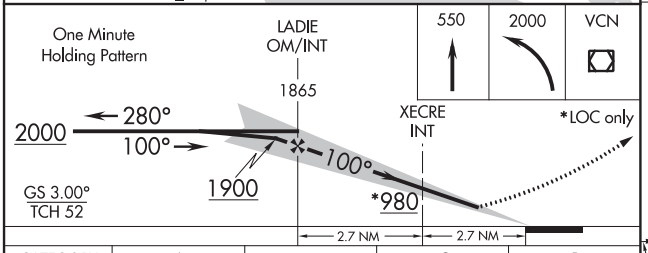
MALSR

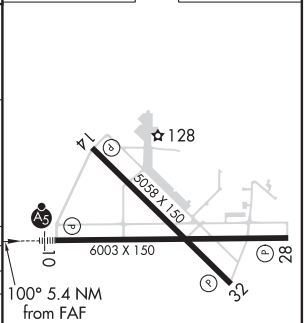
MISSED APPROACH: Climb to 550 then climbing left turn to 2000 direct VCN VOR/DME and hold.

ASOS	ATLANTIC CITY APP CON	UNICOM
119.6	124.6 327.125	123.0 (CTAF)



ELEV 85 TDZE 74





CATEGORY	A	B	C	D
S-ILS 10	347-1 273 (300-1)			
S-LOC 10	980-1¼ 906 (900-1¼)		980-2½ 906 (900-2½)	
CIRCLING	980-1¼ 895 (900-1¼)		980-2¾ 895 (900-2¾)	980-3 895 (900-3)
XECRE FIX MINIMUMS (DUAL VOR RECEIVERS REQUIRED)				
S-LOC 10	440-1 366 (400-1)			
CIRCLING	520-1 435 (500-1)	540-1 455 (500-1)	540-1½ 455 (500-1½)	640-2 555 (600-2)

MIRL Rwys 10-28 and 14-32

FAF to MAP 5.4 NM					
Knots	60	90	120	150	180
Min:Sec	5:24	3:36	2:42	2:10	1:48

NE-2, 10 SEP 2020 to 05 NOV 2020

RNAV (GPS) RWY 10
MILLVILLE MUNI (MIV)

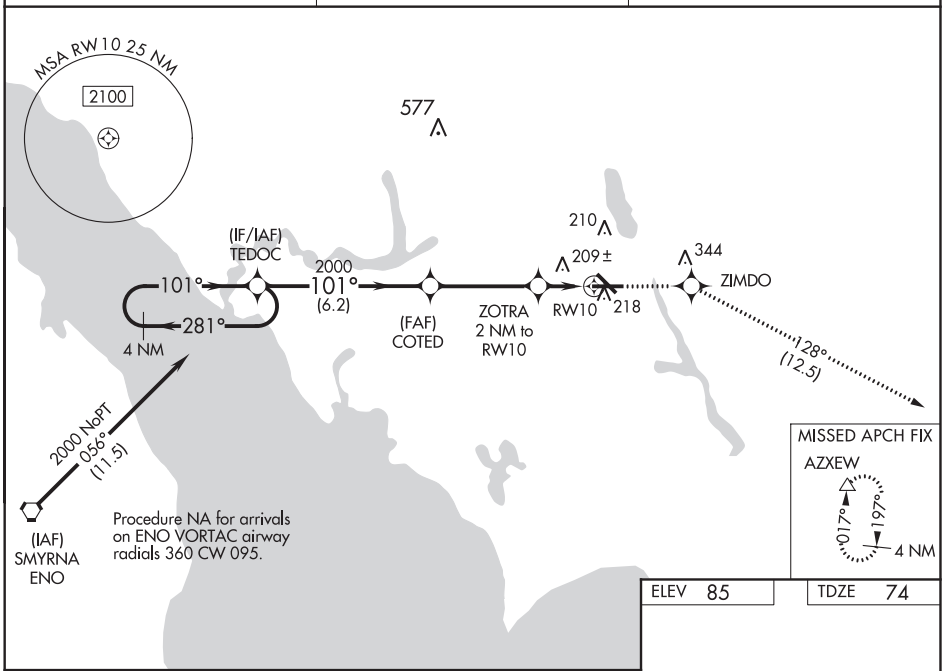
WAAS CH 53723 W10A	APP CRS 101°	Rwy ldg 6003 TDZE 74 Apt Elev 85

When VGSI inop, Circling Rwy 32 NA at night. For umcompensated Baro-VNAV systems, LNAV/VNAV NA below -15°C (5°F) or above 43°C (109°F). DME/DME RNP-0.3 NA. When local altimeter setting not received, use Atlantic City altimeter setting and increase LPV DA to 330, LNAV/VNAV DA to 571, and all MDA 60 feet; increase LNAV/VNAV all Cat and LNAV Cat C and D visibility ¼ mile. Baro-VNAV and VDP NA when using Atlantic City altimeter setting. For inop MALSR when using Atlantic City altimeter setting, increase LNAV/VNAV all Cat visibility to 1⅝.

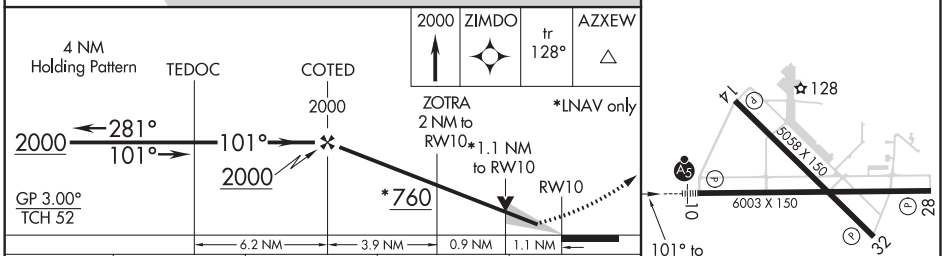
MALSR

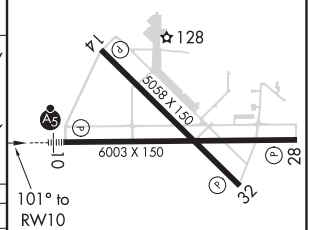
MISSED APPROACH: Climb to 2000 direct ZIMDO and on track 128° to AZXEW and hold.

ASOS	ATLANTIC CITY APP CON	UNICOM
119.6	124.6 327.125	123.0 (CTAF) L



ELEV 85	TDZE 74





CATEGORY	A	B	C	D
LPV DA	274-½ 200 (200-½)			
LNAV/VNAV DA	515-1 441 (500-1)			
LNAV MDA	460-½ 386 (400-½)		460-⅝ 386 (400-⅝)	
CIRCLING	520-1 435 (500-1)	540-1 455 (500-1)	540-1½ 455 (500-1½)	640-2 555 (600-2)

MIRL Rwys 10-28 and 14-32 L

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

MILLVILLE, NEW JERSEY

AL-891 (FAA)

19171

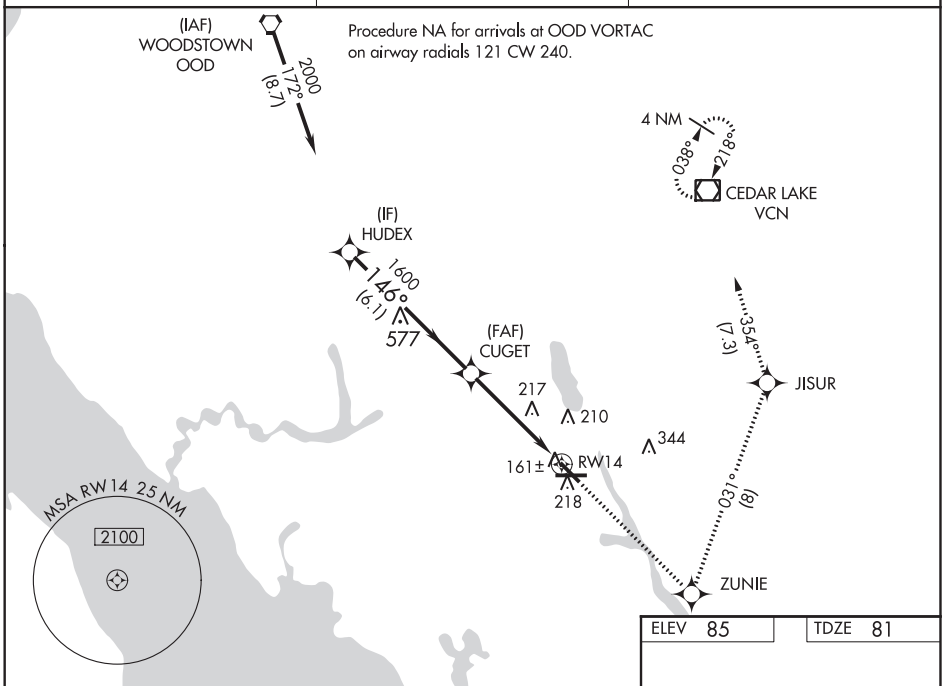
RNAV (GPS) RWY 14
MILLVILLE MUNI (MIV)

WAAS CH 82000 W14A	APP CRS 146°	Rwy ldg 5058 TDZE 81 Apt Elev 85

When Rwy 14 VGSI inop, Straight-in and Circling minimums NA at night. Baro-VNAV NA when using Woodbine Muni altimeter setting. For uncompensated Baro-VNAV systems, procedure NA below -15° C (5°F) or above 48°C (118°F). Circling Rwy 32 NA at night. Rwy 14 helicopter visibility reduction below 1 SM NA. DME/DME RNP-0.3 NA.

MISSED APPROACH: Climb to 2000 direct ZUNIE and left turn on track 031° to JISUR and on track 354° to VCN VOR/DME and hold.

ASOS	ATLANTIC CITY APP CON	UNICOM
119.6	124.6 327.125	123.0 (CTAF) L



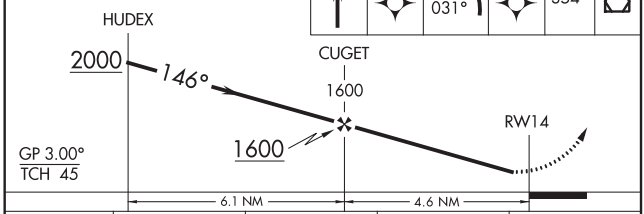
NE-2, 10 SEP 2020 to 05 NOV 2020

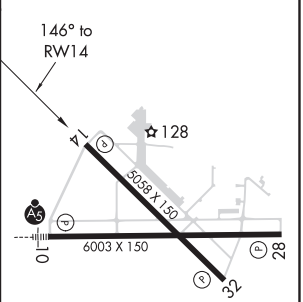
NE-2, 10 SEP 2020 to 05 NOV 2020

ELEV 85 | TDZE 81

VSGI and RNAV glidepath not coincident (VGSI Angle 3.00/TCH 48).

2000	ZUNIE	tr 031°	JISUR	tr 354°	VCN





CATEGORY	A	B	C	D
LPV DA	377-1 296 (300-1)			
LNAV/VNAV DA	550-1¾ 469 (500-1¾)			
LNAV MDA	480-1 399 (400-1)		480-1⅛ 399 (400-1⅛)	480-1¼ 399 (400-1¼)
CIRCLING	560-1 475 (500-1)		560-1½ 475 (500-1½)	640-2 555 (600-2)

MIRL Rwys 10-28 and 14-32 L

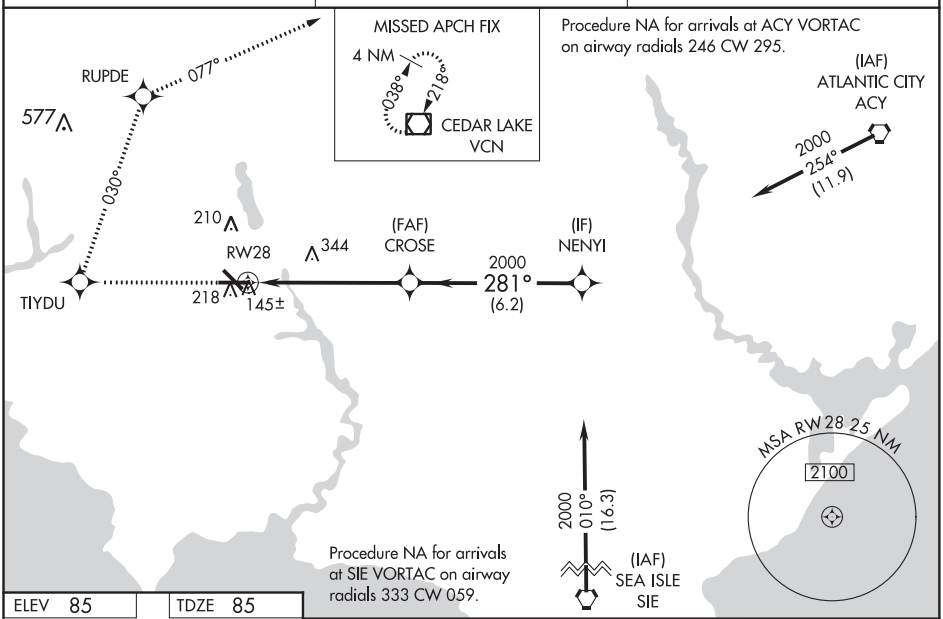
WAAS CH 42700 W28A	APP CRS 281°	Rwy ldg 6003 TDZE 85 Apt Elev 85

RNAV (GPS) RWY 28
MILLVILLE MUNI (MIV)

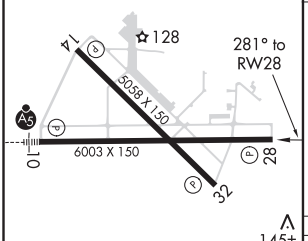
Circling Rwy 32 NA at night. DME/DME RNP-0.3 NA. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -15°C (5°F) or above 49°C (120°F). When local altimeter setting not received, use Atlantic City altimeter setting and increase all DA/MDA 60 feet; increase LNAV/VNAV all Cats, LNAV Cats C/D and Circling Cat C visibility ¼ mile. VDP and Baro-VNAV NA when using Atlantic City altimeter setting.

MISSED APPROACH: Climb to 2000 direct TIYDU and right turn on track 030° to RUPDE and right turn 077° track to VCN VOR/DME and hold.

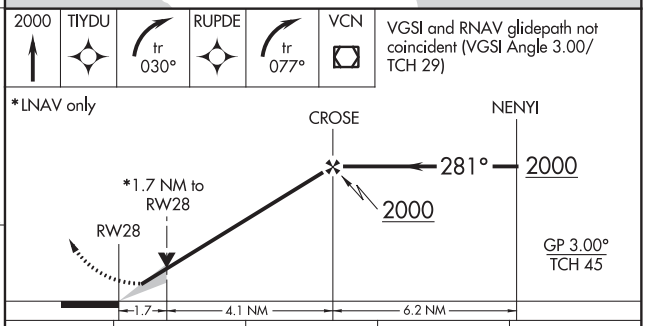
ASOS	ATLANTIC CITY APP CON	UNICOM
119.6	124.6 327.125	123.0 (CTAF) L



ELEV 85	TDZE 85



MIRL Rwys 10-28 and 14-32 L



CATEGORY	A	B	C	D
LPV DA	344-1 259 (300-1)			
LNAV/VNAV DA	405-1 320 (400-1)			
LNAV MDA	640-1 555 (600-1)		640-1½ 555 (600-1½)	640-1¾ 555 (600-1¾)
CIRCLING	640-1 555 (600-1)		640-1½ 555 (600-1½)	640-2 555 (600-2)

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

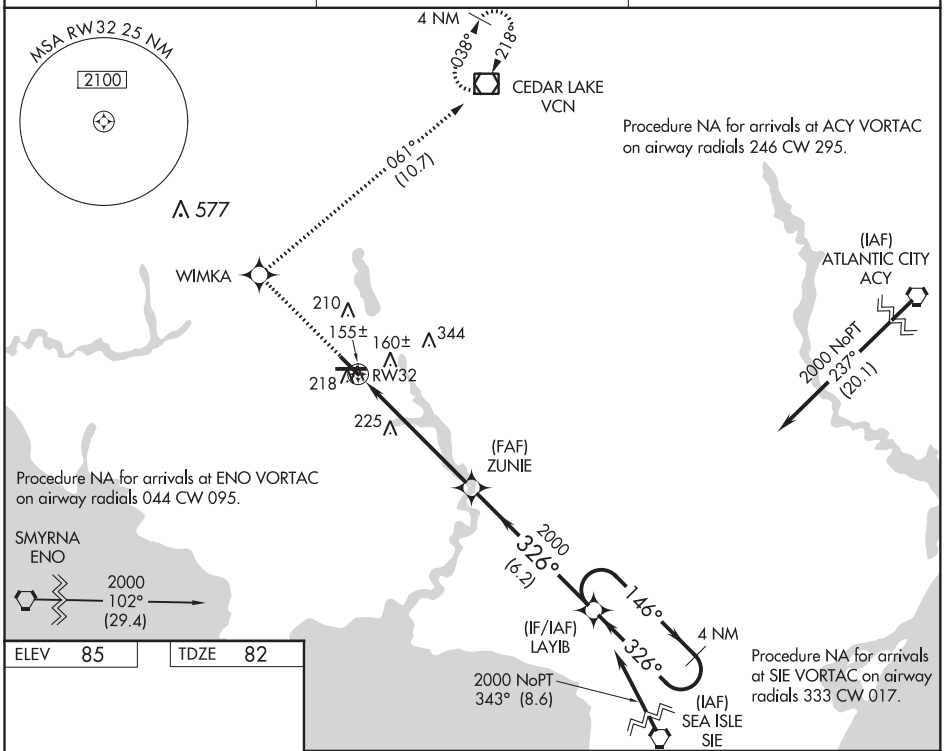
RNAV (GPS) RWY 32
MILLVILLE MUNI (MIV)

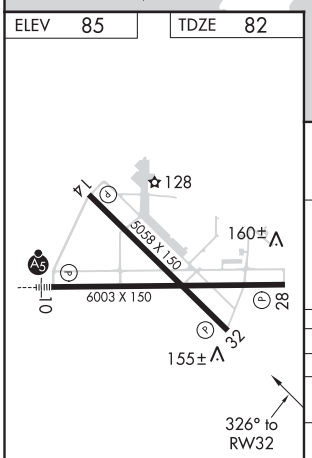
WAAS CH 86900 W32A	APP CRS 326°	Rwy ldg 5058 TDZE 82 Apt Elev 85

Circling Rwy 10 NA at night. Rwy 32 helicopter visibility reduction below 1 SM NA. Baro-VNAV NA when using Woodbine Muni altimeter setting. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -15°C (5°F) or above 49°C (120°F). When VGSI inop, Straight-in/Circling Rwy 32 procedure NA at night. DME/DME RNP-0.3 NA. When local altimeter setting not received, use Woodbine Muni altimeter setting and increase all MDA 60 feet.

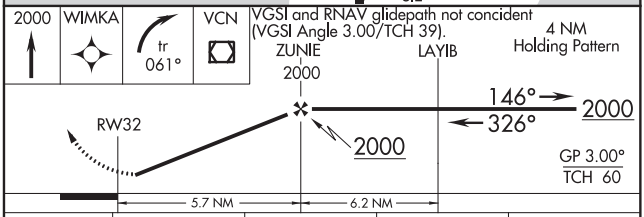
MISSED APPROACH: Climb to 2000 direct WIMKA and right turn on track 061° to VCN VOR/DME and hold.

ASOS	ATLANTIC CITY APP CON	UNICOM
119.6	124.6 327.125	123.0 (CTAF) L





MIRL Rwys 10-28 and 14-32 L



CATEGORY	A	B	C	D
LPV DA	381-1 299 (300-1)			
LNAV/VNAV DA	415-1 333 (400-1)			
LNAV MDA	480-1 398 (400-1)			480-1¼ 398 (400-1¼)
CIRCLING	520-1 435 (500-1)	540-1 455 (500-1)	560-1½ 475 (500-1½)	640-2 555 (600-2)

NE-2, 10 SEP 2020 to 05 NOV 2020

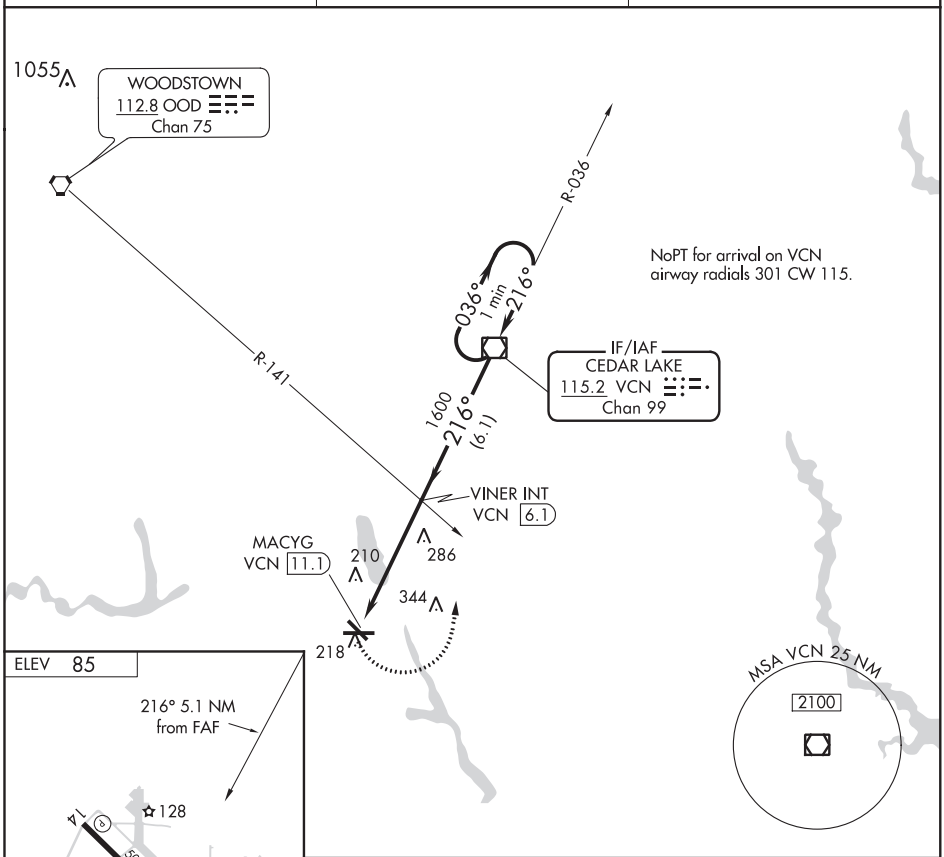
VOR/DME VCN	APP CRS	Rwy ldg	N/A
115.2	216°	TDZE	N/A
Chan 99		Apt Elev	85

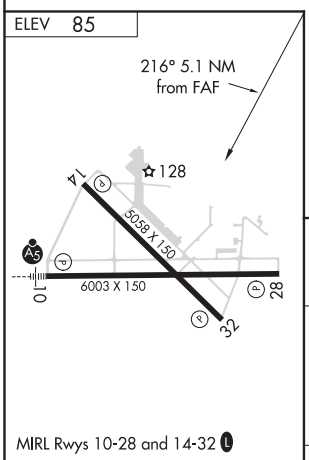
VOR-A
MILLVILLE MUNI (MIV)

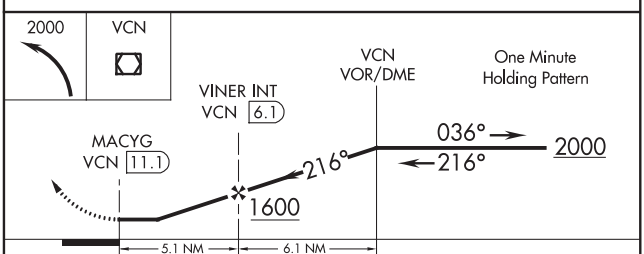
Circling to Rwy 32 NA at night. Helicopter visibility reduction below 1 SM NA. When local altimeter setting not received, use Atlantic City altimeter setting and increase all MDA 60 feet.

MISSED APPROACH: Climbing left turn to 2000 direct VCN VOR/DME and hold.

ASOS	ATLANTIC CITY APP CON	UNICOM
119.6	124.6 327.125	123.0 (CTAF) L







FAF to MAP 5.1 NM					
Knots	60	90	120	150	180
Min:Sec	5:06	3:24	2:33	2:02	1:42

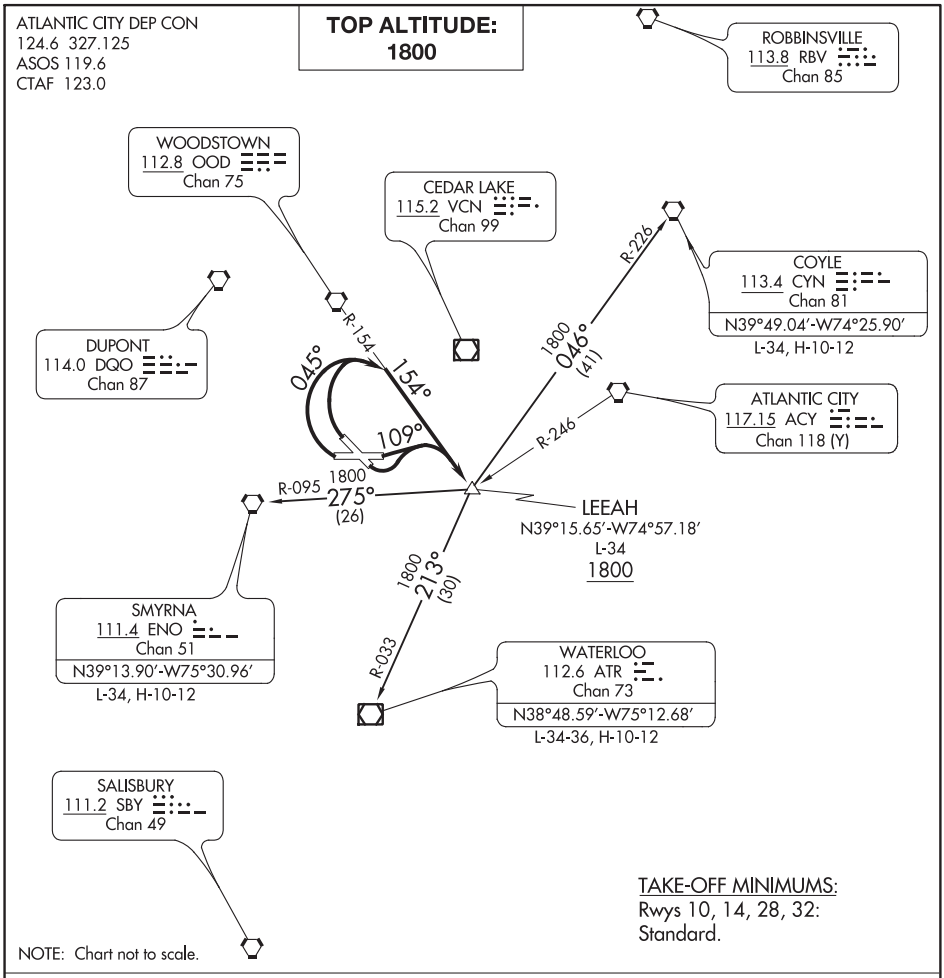
CATEGORY	A	B	C	D
CIRCLING	600-1 515 (600-1)		600-1½ 515 (600-1½)	640-2 555 (600-2)

(LEEAH5.LEEAH) 20086

LEEAH FIVE DEPARTURE

AL-891 (FAA)

MILLVILLE MUNI (MIV)
MILLVILLE, NEW JERSEY



NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAYS 28, 32: Turn right heading 045° and OOD R-154 to LEEAH INT, then via (transition) or (assigned route). Thence....

TAKEOFF RUNWAYS 10, 14: Turn left heading 109° and OOD R-154 to LEEAH INT, then via (transition) or (assigned route). Thence....

....Maintain 1800, expect filed altitude/flight level 10 minutes after departure.

COYLE TRANSITION (LEEAH5.CYN): From over LEEAH INT via CYN R-226 to CYN VORTAC.

SMYRNA TRANSITION (LEEAH5.ENO): From over LEEAH INT via ENO R-095 to ENO VORTAC.

WATERLOO TRANSITION (LEEAH5.ATR): From over LEEAH INT via ATR R-033 to ATR VOR/DME.

APP CRS	Rwy ldg	2944
062°	TDZE	6
	Apt Elev	7

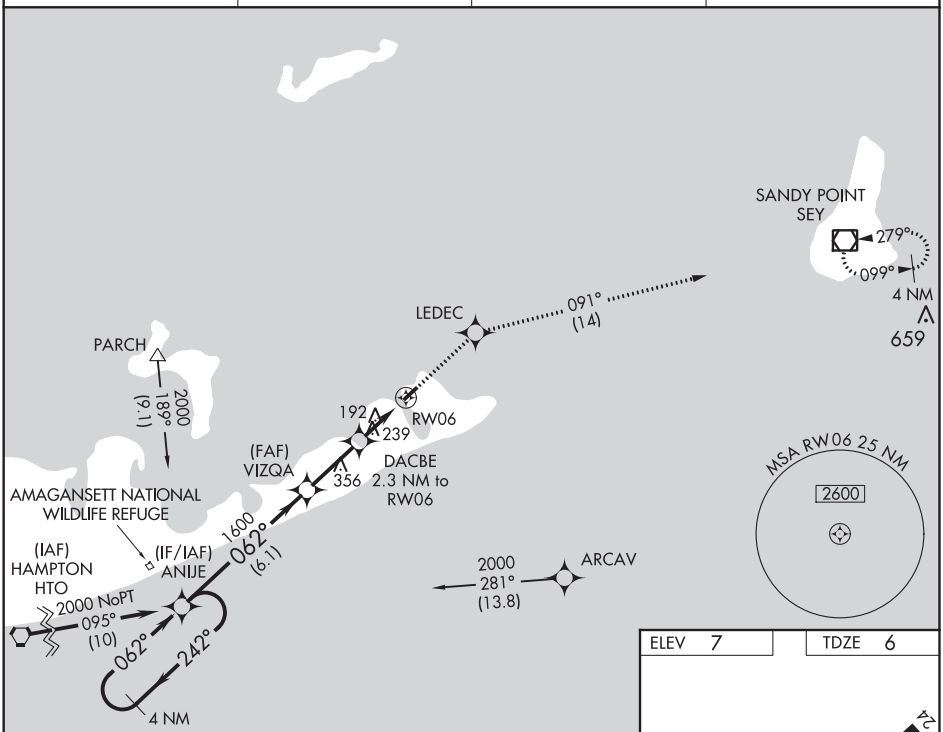
RNAV (GPS) RWY 6
MONTAUK (MTP)

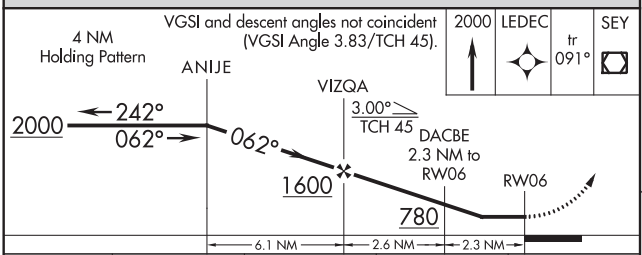
T A NA

DME/DME RNP-0.3 NA. Use Groton-New London altimeter setting; when not received, use Block Island State altimeter setting and increase all MDA 20 feet; increase LNAV Cats C and D and Circling Cat C visibility ⅛ mile. Procedure NA at night. Helicopter visibility reduction below 1 SM NA.

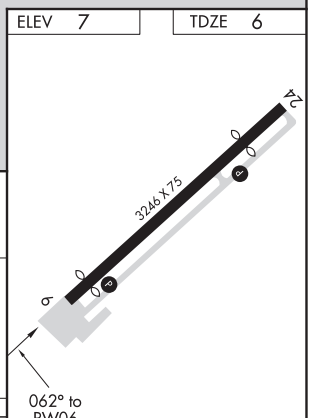
MISSED APPROACH: Climb to 2000 direct LEDEC and on track 091° to SEY VOR/DME and hold.

GON ASOS	NEW YORK APP CON	UNICOM	
127.0	125.975 343.65	122.7 (CTAF)	121.7 L





CATEGORY	A	B	C	D
LNAV MDA	540-1	534 (600-1)	540-1½	534 (600-1½)
CIRCLING	580-1	573 (600-1)	580-1½ 573 (600-1½)	580-2 573 (600-2)



NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

MONTAUK, NEW YORK | AL-6710 (FAA) | 20142

RNAV (GPS) RWY 24
MONTAUK (MTP)

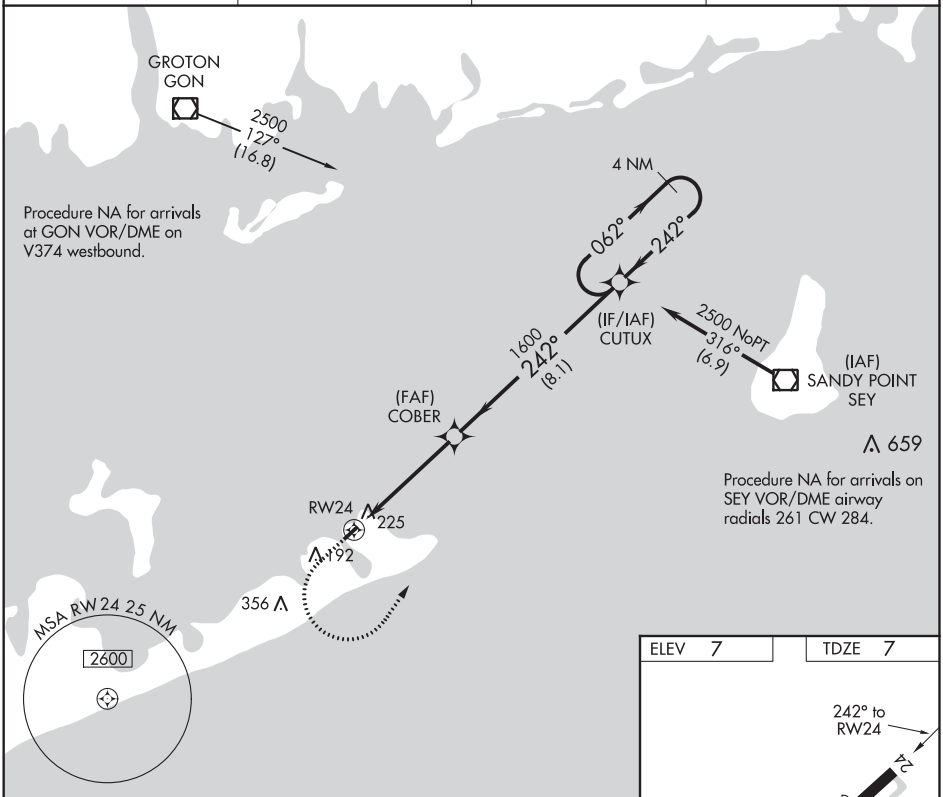
APP CRS	Rwy ldg	2578
242°	TDZE	7
	Apt Elev	7

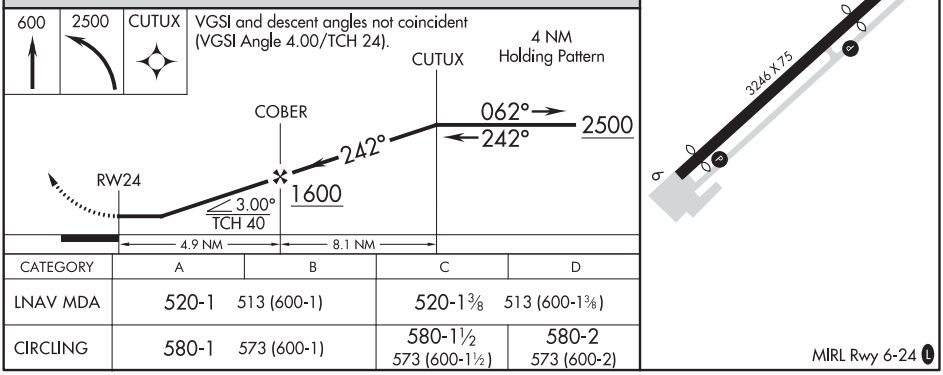
T
A NA

DME/DME RNP-0.3 NA. Helicopter visibility reduction below 1 SM NA.
Use Groton-New London altimeter setting; when not received, use Block Island State altimeter setting and increase all MDA 20 feet and increase LNAV Cats C and D visibility ⅛ mile.
Procedure NA at night.

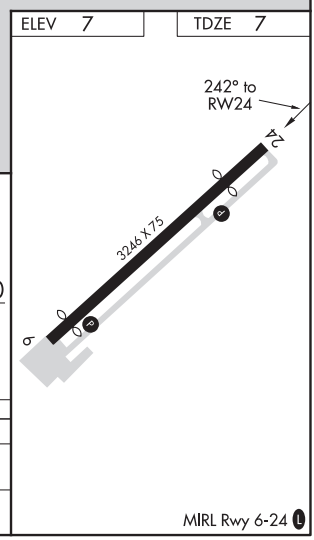
MISSED APPROACH: Climb to 600 then climbing left turn to 2500 direct CUTUX and hold.

GON ASOS	NEW YORK APP CON	UNICOM	
127.0	125.975 343.65	122.7 (CTAF)	121.7 L





CATEGORY	A	B	C	D
LNAV MDA	520-1 513 (600-1)		520-1⅜ 513 (600-1⅜)	
CIRCLING	580-1 573 (600-1)		580-1½ 573 (600-1½)	580-2 573 (600-2)



NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

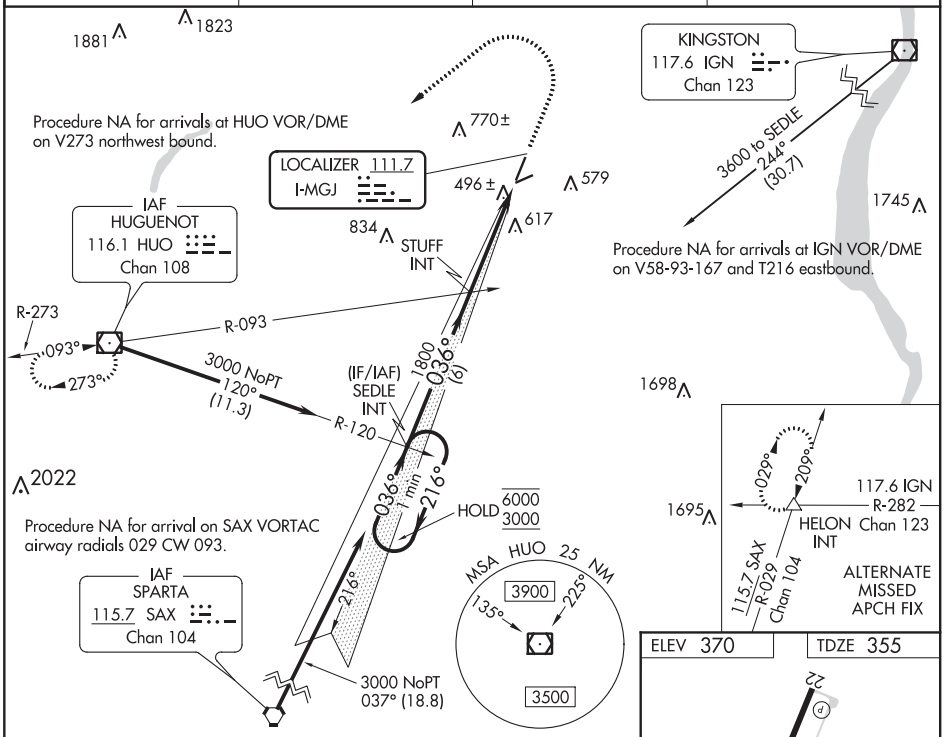
LOC I-MGJ	APP CRS	Rwy ldg	5006
111.7	036°	TDZE	355
		Apt Elev	370

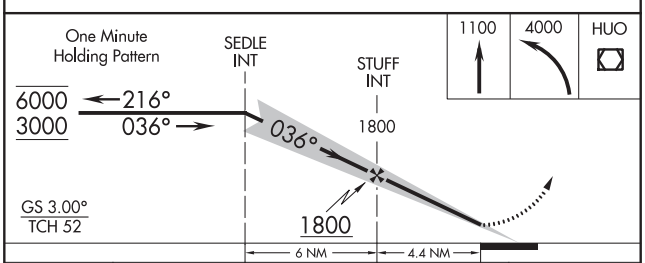
ILS or LOC RWY 4
ORANGE COUNTY (MGJ)

Circling Rwy 8, 22, 26 NA at night. Procedure NA at night. Rwy 4 helicopter visibility reduction below ¾ SM NA.

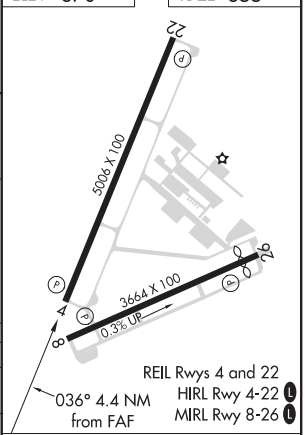
MISSED APPROACH: Climb to 1100 then climbing left turn to 4000 direct HUO VOR/DME and hold.

ASOS	NEW YORK APP CON	CLNC DEL	UNICOM
119.275	132.75 363.1	123.85	122.725 (CTAF) L





CATEGORY	A	B	C	D
S-ILS 4	682-1 327 (400-1)			
S-LOC 4	960-1 605 (600-1)		960-1¾ 605 (600-1¾)	
C CIRCLING	1180-1 810 (900-1)		1180-2¼ 810 (900-2¼)	1220-2¾ 850 (900-2¾)



FAF to MAP 4.4 NM

Knots	60	90	120	150	180
Min:Sec	4:24	2:56	2:12	1:46	1:28

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

MONTGOMERY, NEW YORK | AL-5264 (FAA) | 19283

APP CRS	Rwy ldg	5006
036°	TDZE	355
	Apt Elev	370

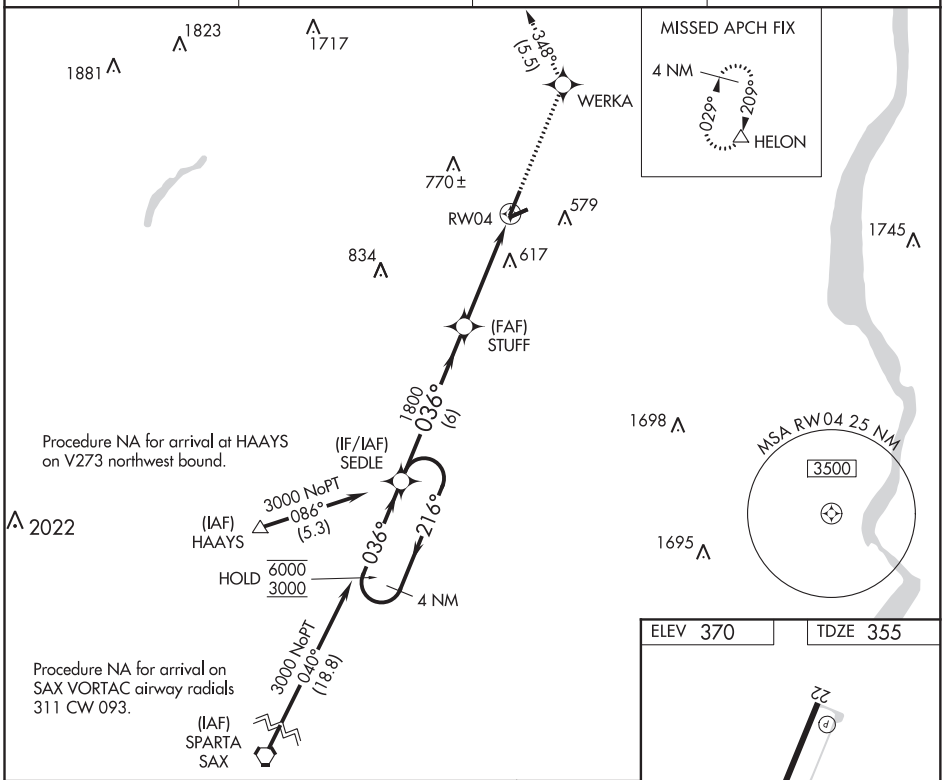
RNAV (GPS) RWY 4
ORANGE COUNTY (MGJ)

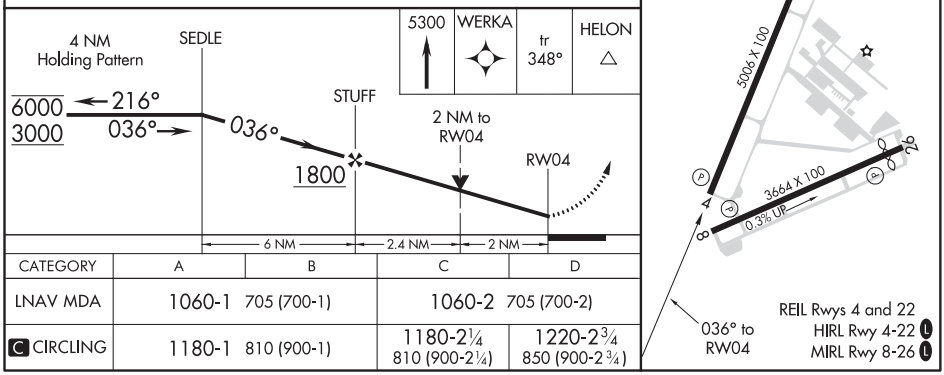
RNP APCH.

Circling Rwy 8, 22, 26 NA at night. Rwy 4 helicopter visibility reduction below ¾ SM NA.

MISSED APPROACH: Climb to 5300 direct WERKA and on track 348° to HELON and hold, continue climb-in-hold to 5300.

ASOS	NEW YORK APP CON	CLNC DEL	UNICOM
119.275	132.75 363.1	123.85	122.725 (CTAF) L





CATEGORY	A	B	C	D
LNAV MDA	1060-1 705 (700-1)		1060-2 705 (700-2)	
C CIRCLING	1180-1 810 (900-1)		1180-2¼ 810 (900-2¼)	1220-2¾ 850 (900-2¾)

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

WAAS CH 50216 W08A	APP CRS 080°	Rwy ldg 3664 TDZE 359 Apt Elev 370

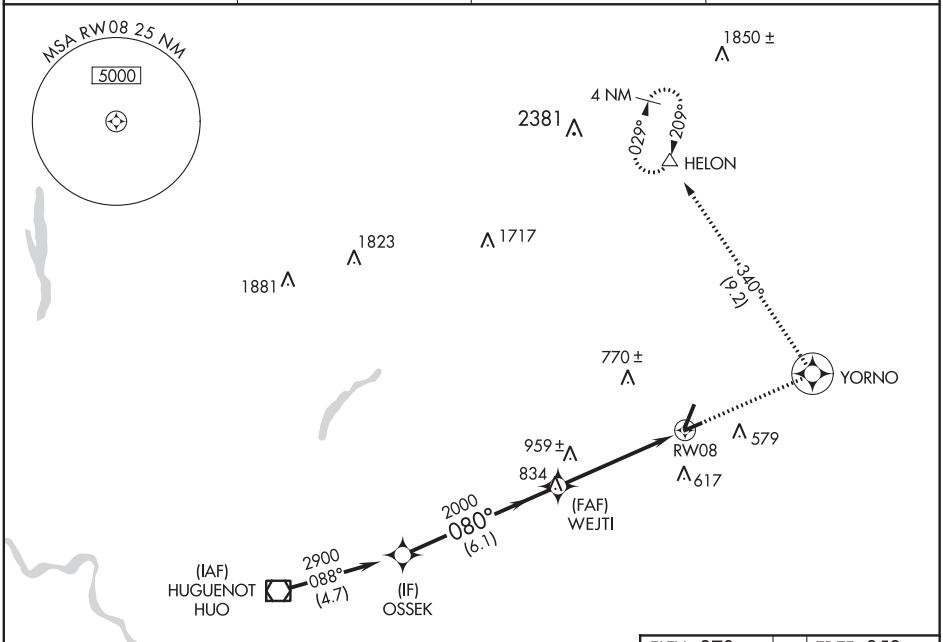
RNAV (GPS) RWY 8
ORANGE COUNTY (MGJ)

RNP APCH.

Rwy 8 helicopter visibility reduction below 1 SM NA. Straight-in Rwy 8 NA at night, Circling Rwy 8, 22, 26 NA at night.

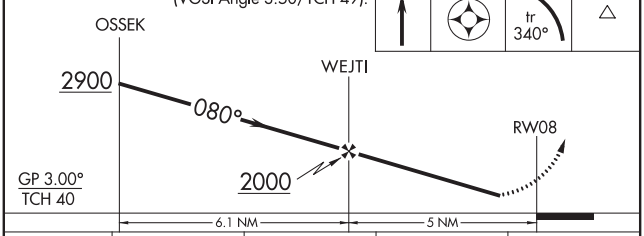
MISSED APPROACH: Climb to 5300 direct YORNO and left turn on track 340° to HELON and hold, continue climb-in-hold to 5300.

ASOS	NEW YORK APP CON	CLNC DEL	UNICOM
119.275	132.75 363.1	123.85	122.725 (CTAF) L



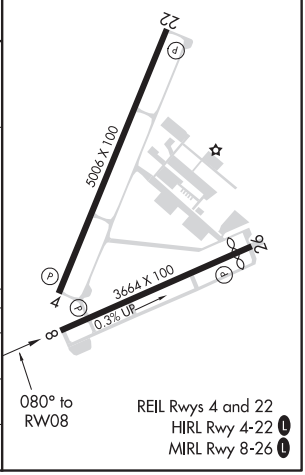
Procedure NA for arrival on HUO VOR/DME airway radials 019 CW 145.

VGSI and RNAV glidepath not coincident (VGSI Angle 3.50/TCH 49).



CATEGORY	A	B	C	D
LPV DA	1059-2½ 700 (700-2½)			
LNAV MDA	1220-1 861 (900-1)	1220-1¼ 861 (900-1¼)	1220-2½ 861 (900-2½)	1220-2¾ 861 (900-2¾)
C CIRCLING	1220-1¼ 850 (900-1¼)		1220-2½ 850 (900-2½)	1220-2¾ 850 (900-2¾)

ELEV 370 TDZE 359



REIL Rwys 4 and 22
HIRL Rwy 4-22 L
MIRL Rwy 8-26 L

NE-2, 10 SEP 2020 to 05 NOV 2020
NE-2, 10 SEP 2020 to 05 NOV 2020

MONTGOMERY, NEW YORK | AL-5264 (FAA) | 19283

RNAV (GPS) RWY 22
ORANGE COUNTY (MGJ)

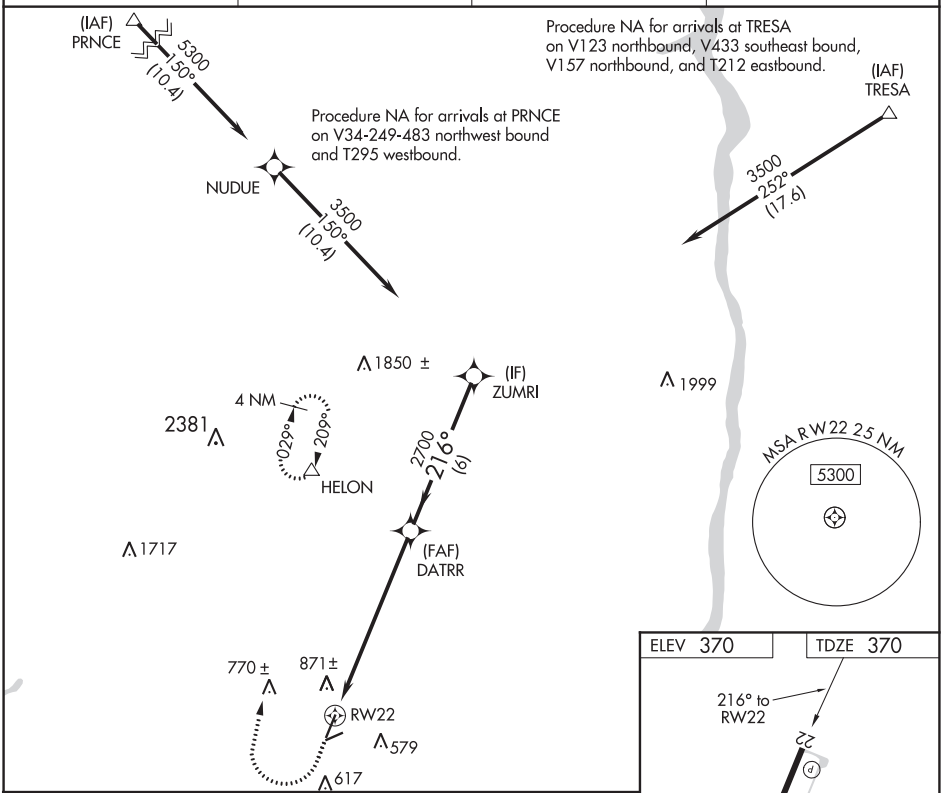
APP CRS	Rwy ldg	5006
216°	TDZE	370
	Apt Elev	370

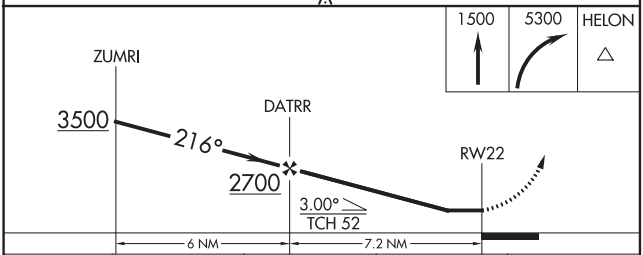
RNP APCH.

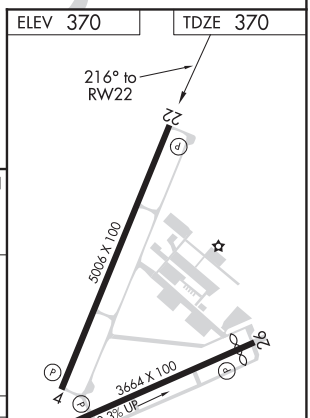
Rwy 22 helicopter visibility reduction below 1 SM NA.
Straight-in Rwy 22 NA at night, Circling Rwy 8, 22, 26 NA at night.

MISSED APPROACH: Climb to 1500 then climbing right turn to 5300 direct HELON and hold, continue climb-in-hold to 5300.

ASOS	NEW YORK APP CON	CLNC DEL	UNICOM
119.275	132.75 363.1	123.85	122.725 (CTAF) L







REIL Rwys 4 and 22
HIRL Rwy 4-22 L
MIRL Rwy 8-26 L

CATEGORY	A	B	C	D
LNAV MDA	1140-1 770 (800-1)	1140-1¼ 770 (800-1¼)	1140-2½ 770 (800-2½)	
C CIRCLING	1180-1 810 (900-1)	1180-1¼ 810 (900-1¼)	1180-2½ 810 (900-2½)	1220-2¾ 850 (900-2¾)

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

APP CRS	Rwy ldg	3349
260°	TDZE	361
	Apt Elev	370

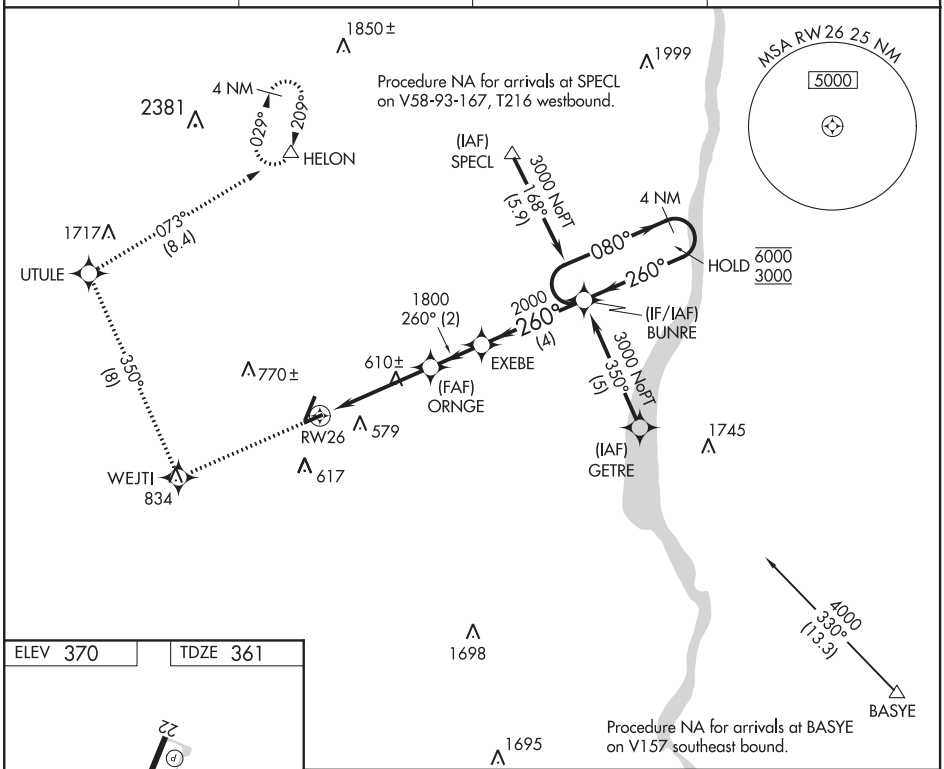
RNAV (GPS) RWY 26
ORANGE COUNTY (MGJ)

RNP APCH.

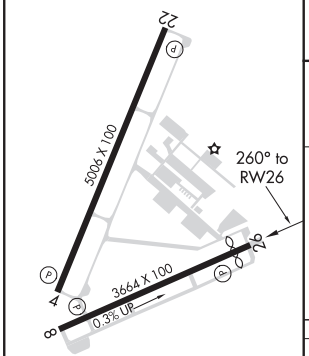
Rwy 26 helicopter visibility reduction below 1 SM NA.
Straight-in Rwy 26 NA at night, Circling Rwy 8, 22, 26 NA at night.

MISSED APPROACH: Climb to 4000 direct WEJTI and right turn on track 350° to UTULE and on track 073° to HELON and hold.

ASOS	NEW YORK APP CON	CLNC DEL	UNICOM
119.275	132.75 363.1	123.85	122.725 (CTAF) L



ELEV 370 TDZE 361

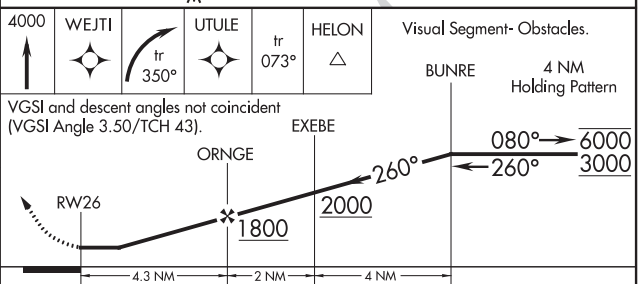


REIL Rwys 4 and 22
HIRL Rwy 4-22 L
MIRL Rwy 8-26 L

4000	WEJTI	tr 350°	UTULE	tr 073°	HELON

Visual Segment- Obstacles.

VGSI and descent angles not coincident (VGSI Angle 3.50/TCH 43).



CATEGORY	A	B	C	D
LNAV MDA	920-1 559 (600-1)		920-1⅝ 559 (600-1⅝)	920-1¾ 559 (600-1¾)
C CIRCLING	1200-1¼ 830 (900-1¼)		1200-2½ 830 (900-2½)	1220-2¾ 850 (900-2¾)

NE-2, 10 SEP 2020 to 05 NOV 2020
NE-2, 10 SEP 2020 to 05 NOV 2020

MONTGOMERY, NEW YORK | AL-5264 (FAA) | 20254

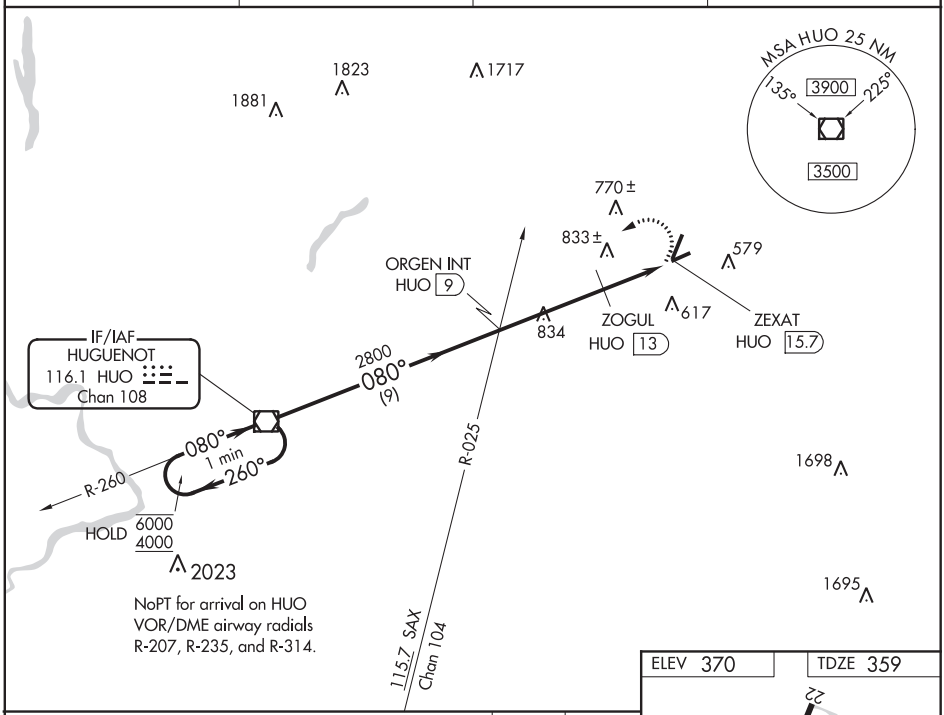
VOR RWY 8
ORANGE COUNTY (MGJ)

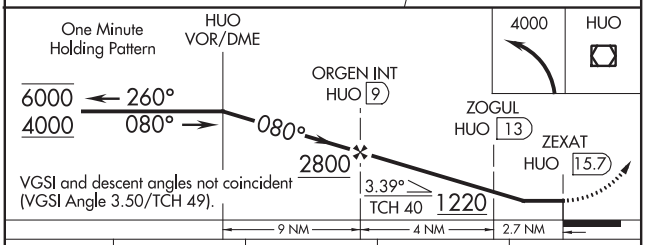
VOR/DME HUO 116.1 Chan 108	APP CRS 080°	Rwy ldg 3664 TDZE 359 Apt Elev 370

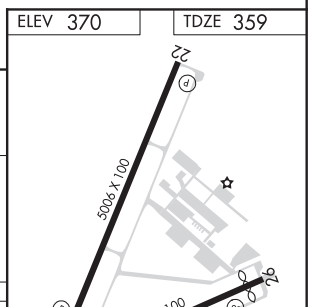
Rwy 8 helicopter visibility reduction below ¾ SM NA.
Straight-in Rwy 8 NA at night, Circling Rwy 8, 22, 26 NA at night.

MISSED APPROACH: Climbing left turn to 4000 direct HUO VOR/DME and hold.

ASOS	NEW YORK APP CON	CLNC DEL	UNICOM
119.275	132.75 363.1	123.85	122.725 (CTAF) L







CATEGORY	A	B	C	D
S-8	1220-1 861 (900-1)	1220-1¼ 861 (900-1¼)	1220-2½ 861 (900-2½)	1220-2¾ 861 (900-2¾)
C CIRCLING	1220-1¼ 850 (900-1¼)		1220-2½ 850 (900-2½)	1220-2¾ 850 (900-2¾)
ZOGUL MINIMUMS				
S-8	1160-1 801 (800-1)	1160-1¼ 801 (800-1¼)	1160-2½ 801 (800-2½)	1160-2¾ 801 (800-2¾)
C CIRCLING	1200-1¼ 830 (900-1¼)		1200-2½ 830 (900-2½)	1200-2¾ 850 (900-2¾)

FAF to MAP 6.7 NM

Knots	60	90	120	150	180
Min:Sec	6:42	4:28	3:21	2:41	2:14

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

ILS or LOC RWY 15
SULLIVAN COUNTY INTL (MSV)

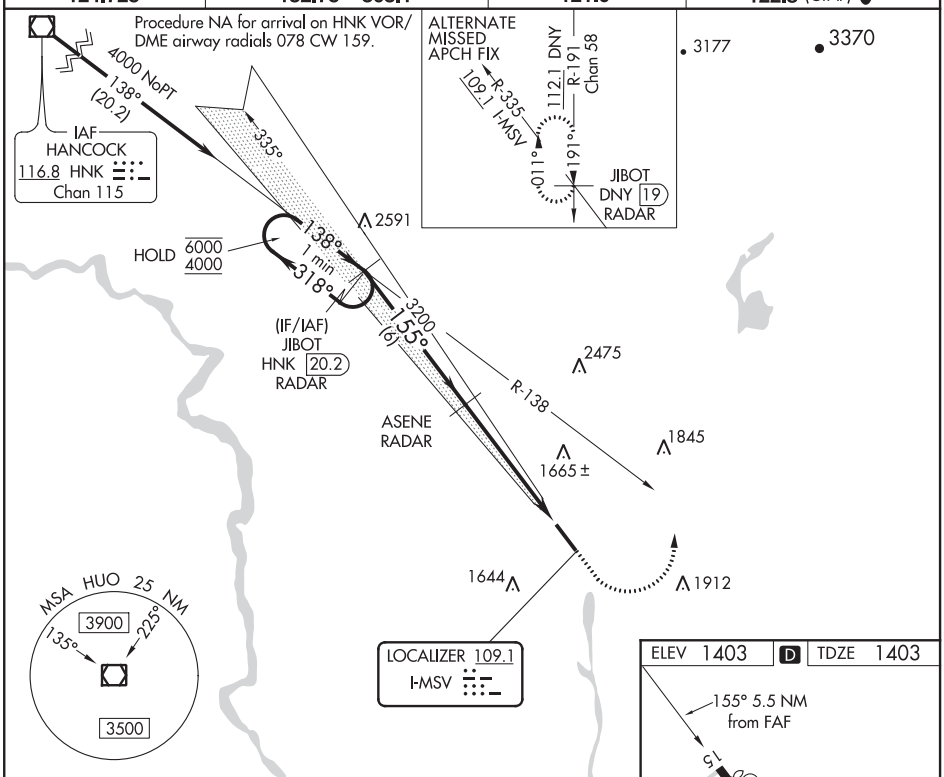
LOC I-MSV	APP CRS	Rwy Ldg / TDZE / Apt Elev
109.1	155°	5900 / 1403 / 1403

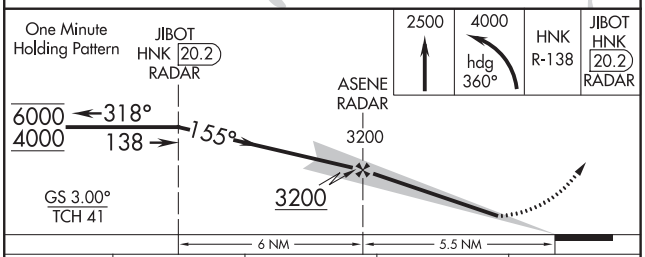
RADAR required.

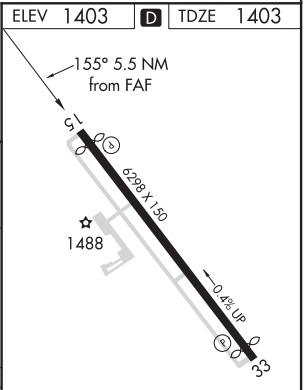
T
A

MISSED APPROACH: Climb to 2500 then climbing left turn to 4000 on heading 360° and HNK VOR/DME R-138 to JIBOT/HNK 20.2 DME/RADAR and hold.

AWOS-3PT	NEW YORK APP CON	CLNC DEL	UNICOM
124.725	132.75 363.1	121.6	122.8 (CTAF) L







CATEGORY	A	B	C	D
S-ILS 15	1653-¾ 250 (300-¾)			
S-LOC 15	1960-1 557 (600-1)		1960-1⅝ 557 (600-1⅝)	
C CIRCLING	1960-1 557 (600-1)		2020-1¾ 617 (700-1¾)	2180-2½ 777 (800-2½)

REIL Rwys 15 and 33 L
HIRL Rwy 15-33 L

NE-2, 10 SEP 2020 to 05 NOV 2020

MONTICELLO, NEW YORK AL-5675 (FAA) 19059

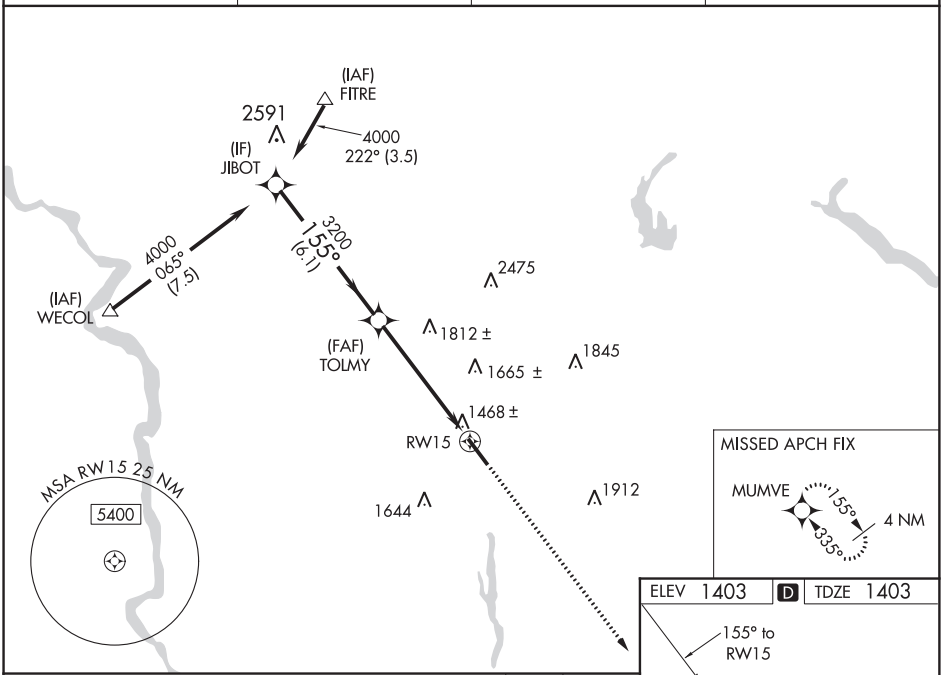
RNAV (GPS) RWY 15
SULLIVAN COUNTY INTL (MSV)

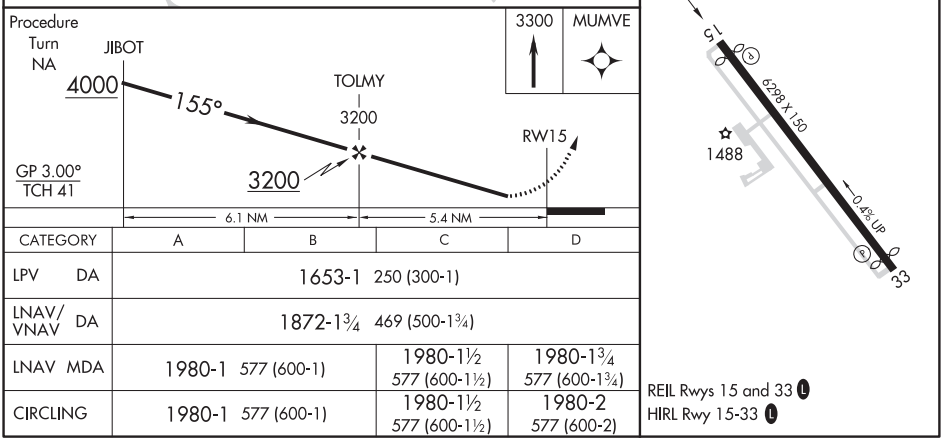
WAAS CH 56615 W15A	APP CRS 155°	Rwy Ldg 5900 TDZE 1403 Apt Elev 1403

Baro-VNAV NA when using Newburgh altimeter setting. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -17°C (2°F) or above 46°C (114°F). DME/DME RNP-0.3 NA. Helicopter visibility reduction below ¾ SM NA. When local altimeter setting not received, use Newburgh altimeter setting and increase LPV DA to 1858 and visibility all Cats ½ mile, increase LNAV/VNAV DA to 2077 and visibility Cats A/B/C ¼ mile, Cat D ½ mile; increase all MDA 220 feet and LNAV Cat B visibility ¼ mile, Cats C/D ¾ mile, Circling Cat B visibility ¼ mile, Cat C ¾ mile, Cat D ½ mile.

MISSED APPROACH: Climb to 3300 direct MUMVE and hold.

AWOS-3PT	NEW YORK APP CON	CLNC DEL	UNICOM
124.725	132.75 363.1	121.6	122.8 (CTAF) L





CATEGORY	A	B	C	D
LPV DA	1653-1 250 (300-1)			
LNAV/VNAV DA	1872-1¾ 469 (500-1¾)			
LNAV MDA	1980-1 577 (600-1)		1980-1½ 577 (600-1½)	1980-1¾ 577 (600-1¾)
CIRCLING	1980-1 577 (600-1)		1980-1½ 577 (600-1½)	1980-2 577 (600-2)

REIL Rwys 15 and 33 L
HIRL Rwy 15-33 L

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

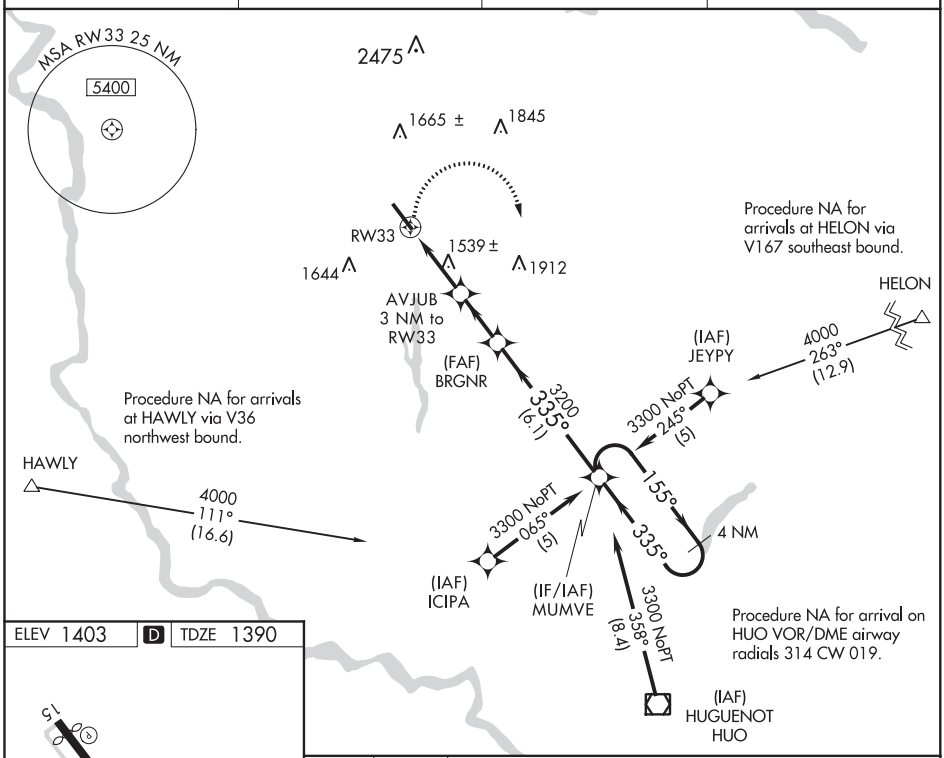
APP CRS	Rwy Ldg	5798
335°	TDZE	1390
	Apt Elev	1403

RNAV (GPS) RWY 33
SULLIVAN COUNTY INTL (MSV)

DME/DME RNP-0.3 NA. When local altimeter setting not received, use Newburgh altimeter setting and increase all MDA 220 feet, increase LNAV Cats C/D and Circling Cat C visibility ½ mile, Circling Cat D visibility ¼ mile. VDP NA when using Newburgh altimeter setting.

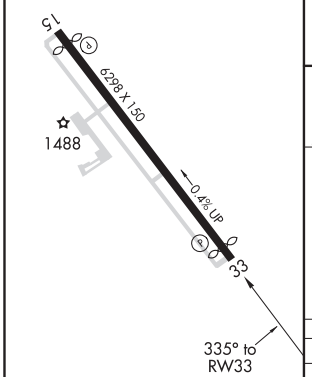
MISSED APPROACH: Climbing right turn to 3300 direct MUMVE and hold.

AWOS-3PT	NEW YORK APP CON	CLNC DEL	UNICOM
124.725	132.75 363.1	121.6	122.8 (CTAF) L

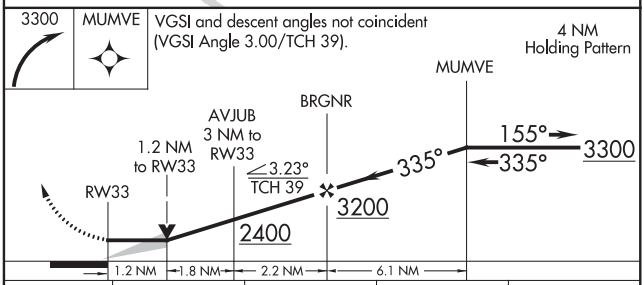


NE-2, 10 SEP 2020 to 05 NOV 2020

ELEV 1403 | D | TDZE 1390



REIL Rwys 15 and 33 L
HIRL Rwy 15-33 L



CATEGORY	A	B	C	D
LNAV MDA	1820-1 430 (500-1)		1820-1¼ 430 (500-1¼)	1820-1½ 430 (500-1½)
CIRCLING	1900-1 497 (500-1)		1900-1½ 497 (500-1½)	1960-2 557 (600-2)

MORRISTOWN, NEW JERSEY — AL-931 (FAA) — 20142

ILS or LOC RWY 23
MORRISTOWN MUNI (MMU)

LOC I-MMU	APP CRS	Rwy ldg	5998
110.3	229°	TDZE	183
		Apt Elev	187

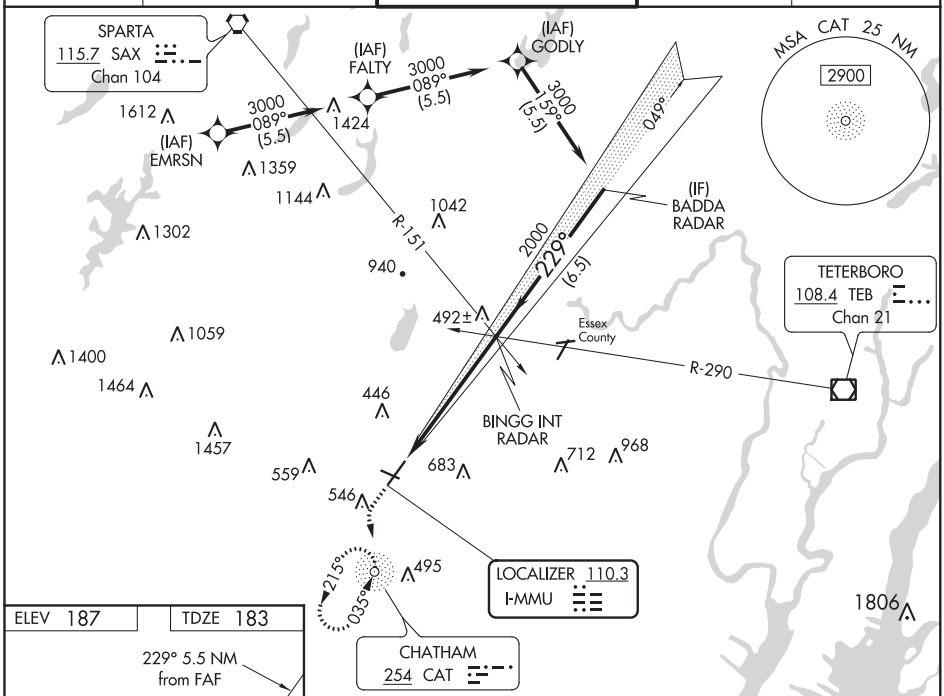
RNAV 1-GPS or RADAR required for procedure entry. ADF required.
From EMRSN: RNAV 1-GPS required.

T A Circling to Rwy 13, 31 NA at night. Autopilot coupled approach NA below 732.

MALSR A5

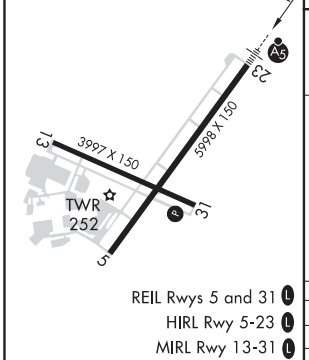
MISSED APPROACH: Climb to 750 then climbing left turn to 2500 direct CAT NDB and hold, continue climb-in-hold to 2500.

ATIS	NEW YORK APP CON	MORRISTOWN TOWER ★	GND CON	CLNC DEL
124.25	127.6 379.9	118.1 L (CTAF) 353.9	134.2	128.6



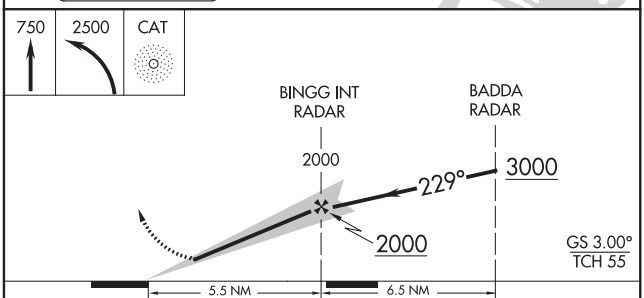
NE-2, 10 SEP 2020 to 05 NOV 2020

ELEV 187 | TDZE 183



REIL Rwys 5 and 31 L
HIRL Rwy 5-23 L
MIRL Rwy 13-31 L

FAF to MAP 5.5 NM					
Knots	60	90	120	150	180
Min:Sec	5:30	3:40	2:45	2:12	1:50



CATEGORY	A	B	C	D
S-ILS 23	383-½ 200 (200-½)			
S-LOC 23	720-½ 537 (600-½)		720-1 537 (600-1)	
C CIRCLING	860-1 673 (700-1)	900-1 713 (800-1)	1000-2½ 813 (900-2½)	1200-3 1013 (1100-3)

APP CRS	Rwy ldg	5998
229°	TDZE	183
	Apt Elev	187

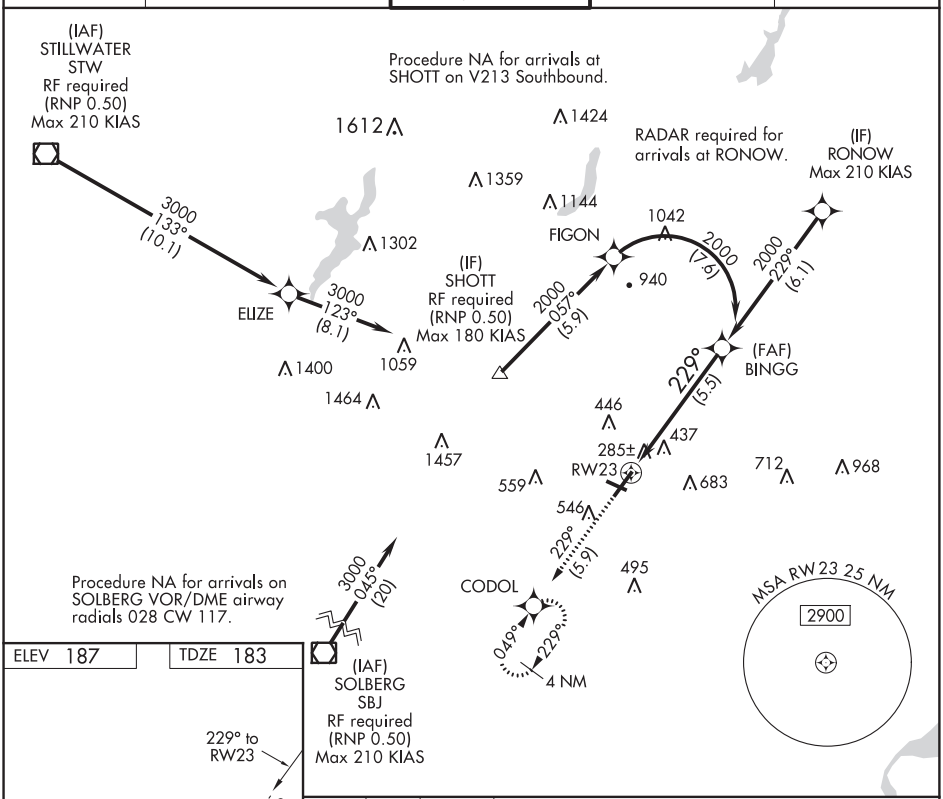
RNAV (RNP) Y RWY 23
MORRISTOWN MUNI (MMU)

For uncompensated Baro-VNAV systems, procedure NA below -15°C (5°F) or above 48°C (118°F). When local altimeter setting not received, procedure NA. GPS required. For inoperative MALSR, increase RNP 0.11 all Cats visibility to 1¼ mile and RNP 0.30 all Cats visibility to 2 miles. Visibility reduction by helicopters NA.

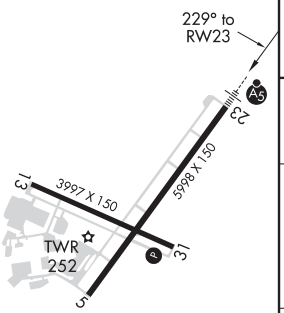
MALSR A5

MISSED APPROACH: Climb to 2000 on track 229° to CODOL and hold.

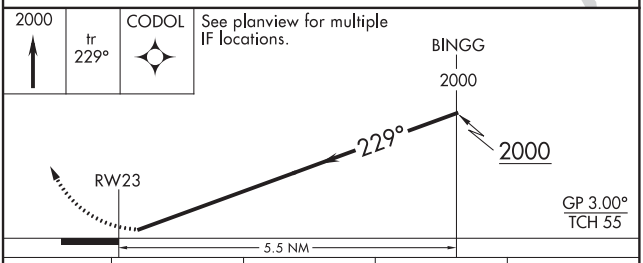
ATIS	NEW YORK APP CON	MORRISTOWN TOWER ★	GND CON	CLNC DEL
124.25	127.6 379.9	118.1 L (CTAF)353.9	134.2	128.6



ELEV 187 TDZE 183



2000	tr 229°	CODOL	See planview for multiple IF locations.



CATEGORY	A	B	C	D
RNP 0.11 DA	553- ¾ 370 (400- ¾)			
RNP 0.30 DA	788-1⅝ 605 (700-1⅝)			

REIL Rwys 5 and 31 L
HIRL Rwy 5-23 L
MIRL Rwy 13-31 L

AUTHORIZATION REQUIRED

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

MORRISTOWN, NEW JERSEY

AL-931 (FAA)

20142

RNAV (GPS) RWY 5
MORRISTOWN MUNI (MMU)

WAAS CH 97720 W05A	APP CRS 049°	Rwy ldg 5998 TDZE 184 Apt Elev 187

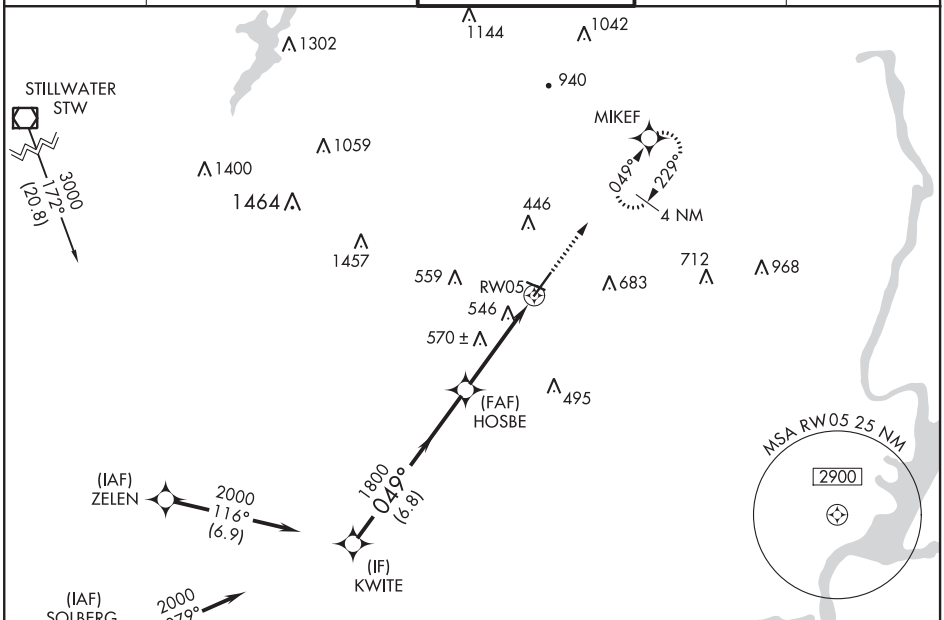
RNP APCH.

T Rwy 5 helicopter visibility reduction below ¾ SM NA.

A For uncompensated Baro-VNAV systems, procedure NA below -15°C or above 46°C. Circling Rwy 13, 31 NA at night.

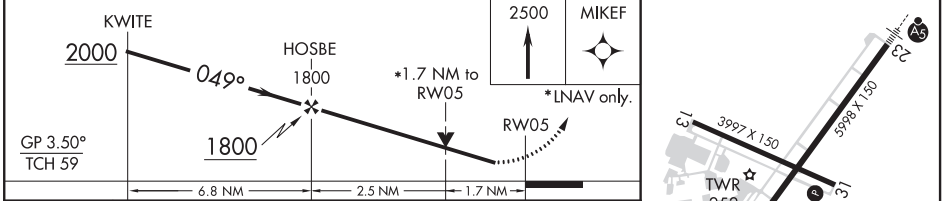
MISSED APPROACH: Climb to 2500 direct MIKEF and hold, continue climb-in-hold to 2500.

ATIS	NEW YORK APP CON	MORRISTOWN TOWER*	GND CON	CLNC DEL
124.25	127.6 379.9	118.1 L (CTAF) 353.9	134.2	128.6



Procedure NA for arrival on SBJ VOR/DME airway radials 028 CW 147.

ELEV 187 | TDZE 184



CATEGORY	A	B	C	D
LPV DA	879-2 695 (700-2)			
LNAV/VNAV DA	893-2 709 (800-2)			
LNAV MDA	880-1 696 (700-1)		880-2 696 (700-2)	
C CIRCLING	880-1 693 (700-1)	900-1 713 (800-1)	1000-2½ 813 (900-2½)	1200-3 1013 (1100-3)

REIL Rwys 5 and 31 L
HIRL Rwy 5-23 L
MIRL Rwy 13-31 L

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

RNAV (GPS) Z RWY 23
MORRISTOWN MUNI (MMU)

WAAS CH 45621 W23A	APP CRS 229°	Rwy ldg 5998 TDZE 183 Apt Elev 187

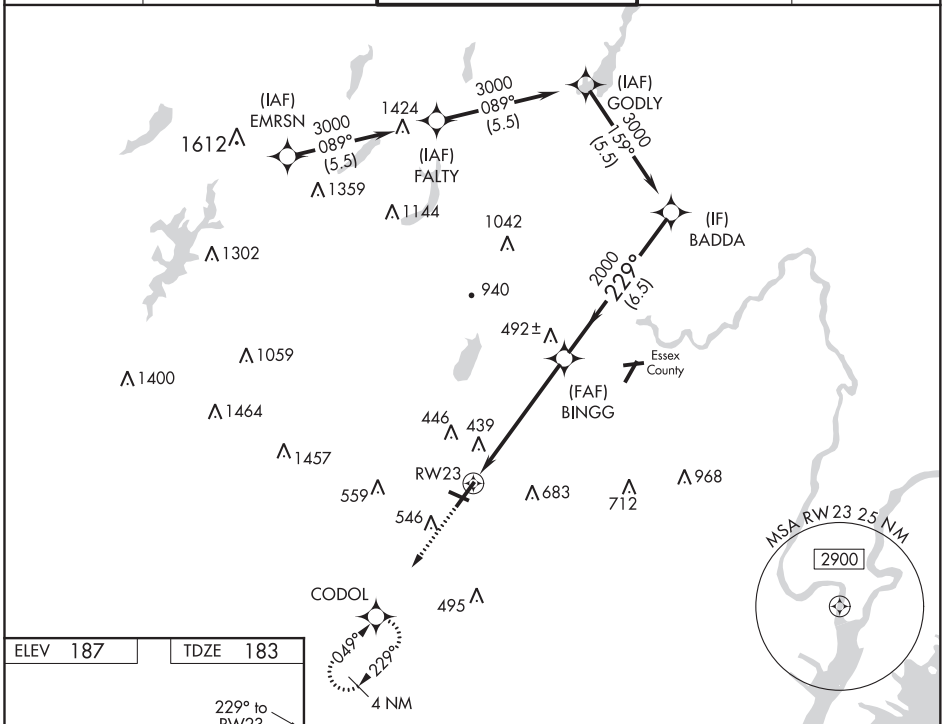
RNP APCH.

T A Circling to Rwy 13, 31 NA at night. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -15°C or above 54°C. For inop ALS, increase LNAV/VNAV all Cats visibility to 1⅝ SM, and LNAV Cat C/D to 1⅜ SM.

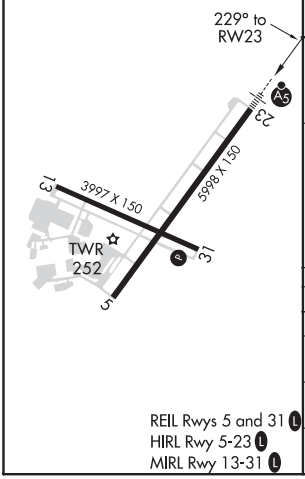
MALSR A5

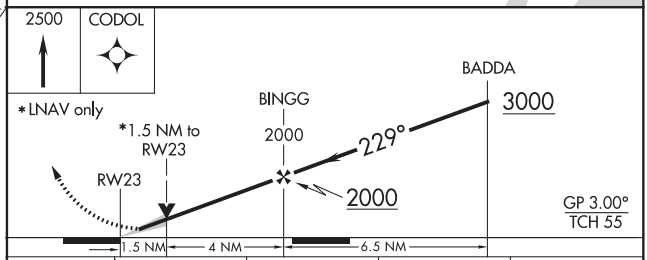
MISSED APPROACH: Climb to 2500 direct CODOL and hold, continue climb-in-hold to 2500.

ATIS	NEW YORK APP CON	MORRISTOWN TOWER ★	GND CON	CLNC DEL
124.25	127.6 379.9	118.1 L (CTAF) 353.9	134.2	128.6



ELEV 187 TDZE 183





CATEGORY	A	B	C	D
LPV DA	383-½ 200 (200-½)			
LNAV/VNAV DA	748-1¼ 565 (600-1¼)			
LNAV MDA	700-½ 517 (600-½)		700-1 517 (600-1)	
C CIRCLING	860-1 673 (700-1)	900-1 713 (800-1)	1000-2½ 813 (900-2½)	1200-3 1013 (1100-3)

REIL Rwys 5 and 31 L
HIRL Rwy 5-23 L
MIRL Rwy 13-31 L

NE-2, 10 SEP 2020 to 05 NOV 2020

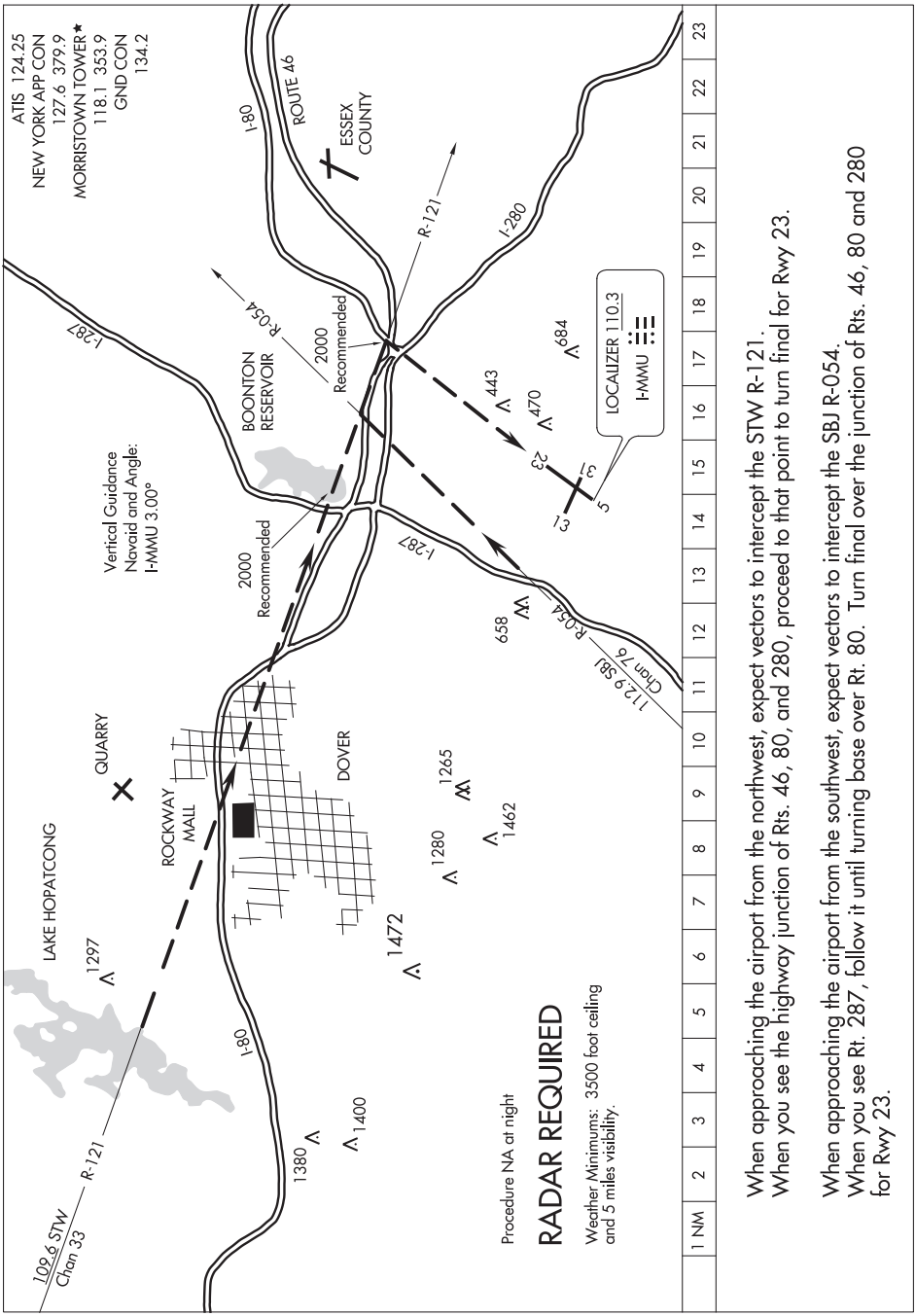
MORRISTOWN, NEW JERSEY
Amdt 2 05DEC19
40°48'N-74°25'W
227
MORRISTOWN MUNI (MMU)
RNAV (GPS) Z RWY 23

20086

ROUTE 80 VISUAL RWY 23

AL-931 (FAA)

MORRISTOWN MUNI (MMU)
MORRISTOWN, NEW JERSEY

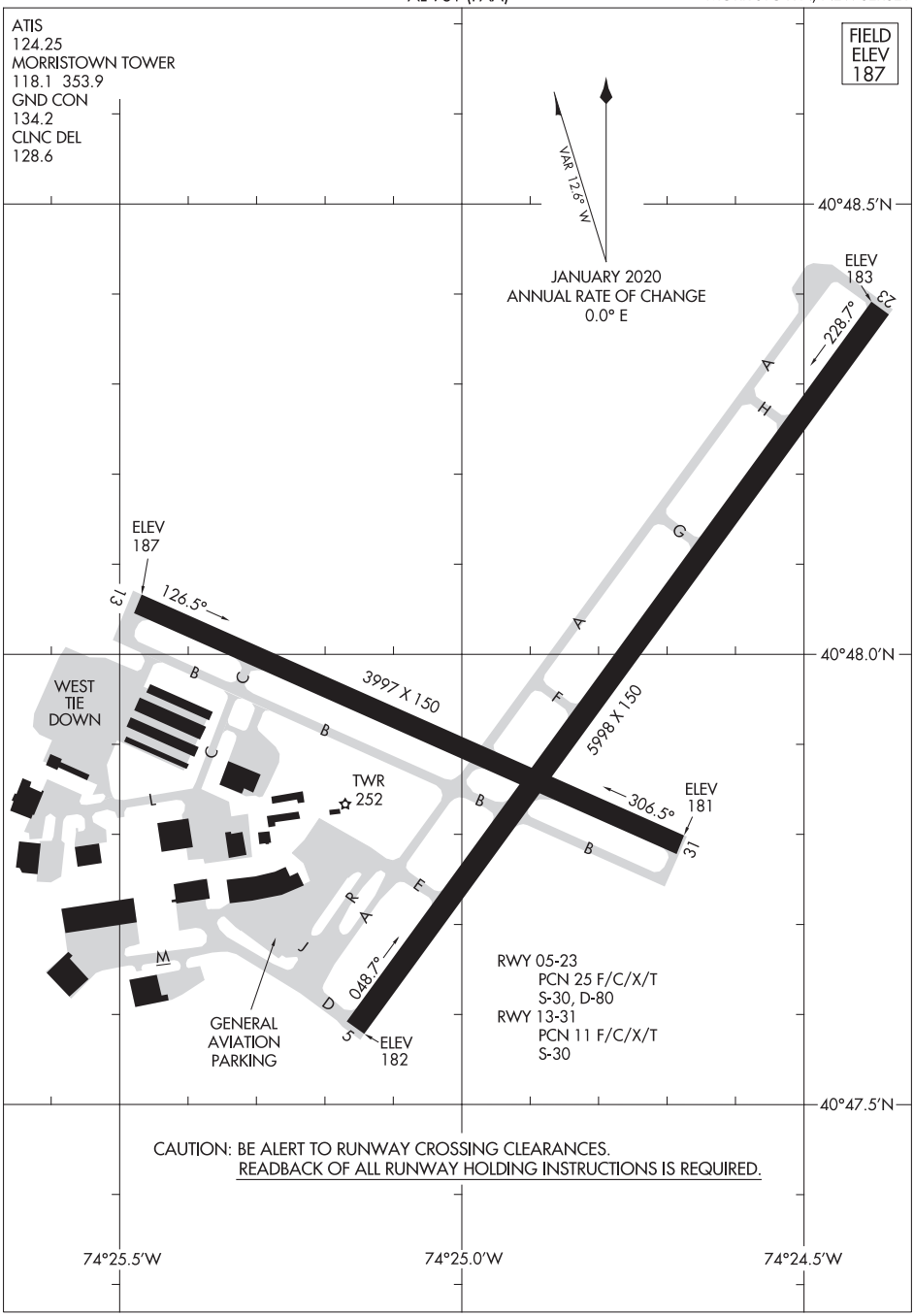


When approaching the airport from the northwest, expect vectors to intercept the STW R-121. When you see the highway junction of Rts. 46, 80, and 280, proceed to that point to turn final for Rwy 23.

When approaching the airport from the southwest, expect vectors to intercept the SBJ R-054. When you see Rt. 287, follow it until turning base over Rt. 80. Turn final over the junction of Rts. 46, 80 and 280 for Rwy 23.

NE-2, 10 SEP 2020 to 05 NOV 2020

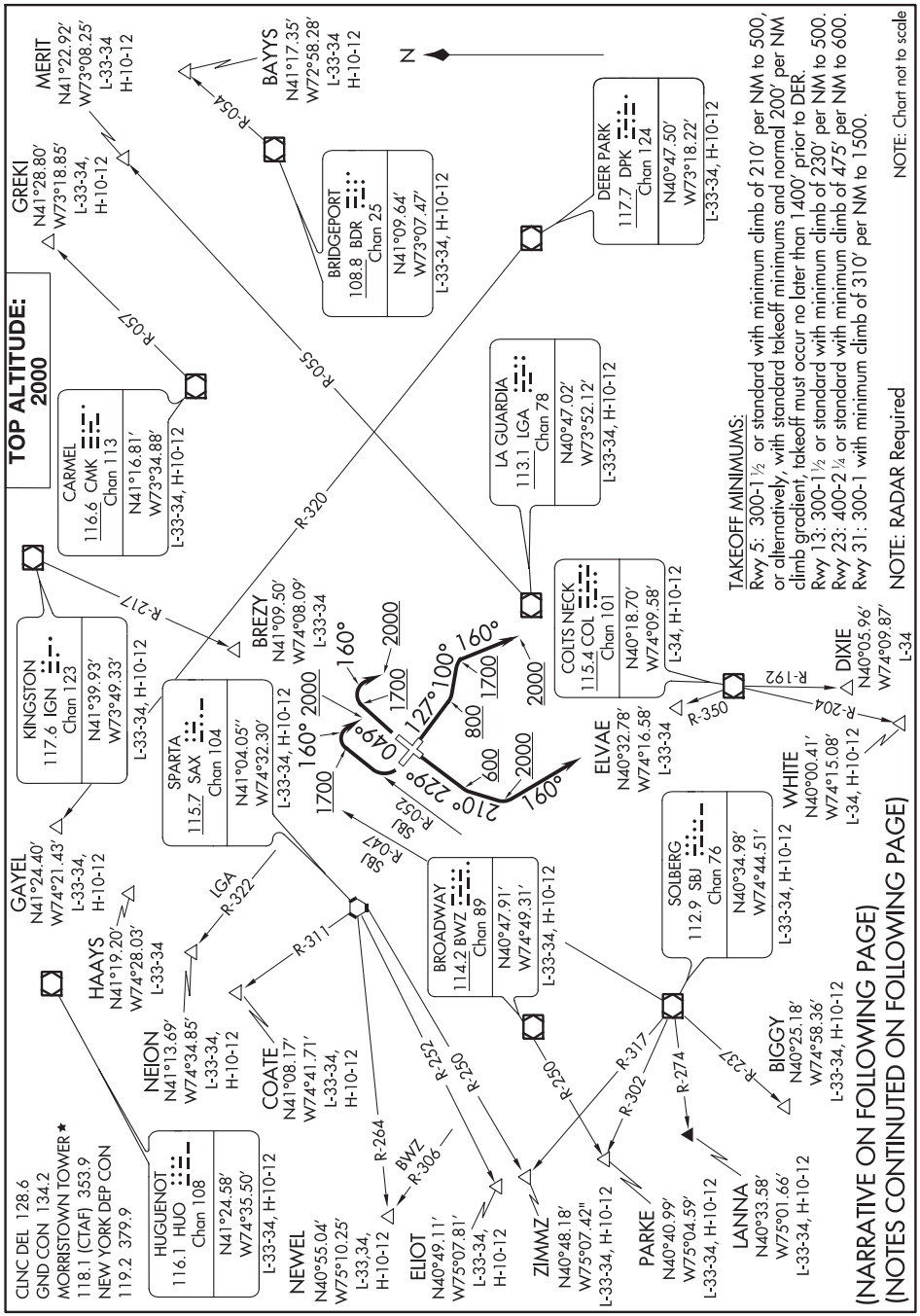
NE-2, 10 SEP 2020 to 05 NOV 2020


ATIS
124.25
MORRISTOWN TOWER
118.1 353.9
GND CON
134.2
CLNC DEL
128.6
FIELD
ELEV
187
VAR 12.6° W
JANUARY 2020
ANNUAL RATE OF CHANGE
0.0° E
40°48.5'N
40°48.0'N
40°47.5'N
74°25.5'W
74°25.0'W
74°24.5'W
ELEV
183
23
228.7°
ELEV
187
13
126.5°
3997 X 150
5998 X 150
306.5°
ELEV
181
31
048.7°
ELEV
182
5
WEST
TIE
DOWN
TWR
252
GENERAL
AVIATION
PARKING
RWY 05-23
PCN 25 F/C/X/T
S-30, D-80
RWY 13-31
PCN 11 F/C/X/T
S-30
CAUTION: BE ALERT TO RUNWAY CROSSING CLEARANCES.
READBACK OF ALL RUNWAY HOLDING INSTRUCTIONS IS REQUIRED.
NE-2, 10 SEP 2020 to 05 NOV 2020
NE-2, 10 SEP 2020 to 05 NOV 2020

(MMU7.MMU) 20254 AL-931 (FAA)

MORRISTOWN SEVEN DEPARTURE

MORRISTOWN MUNI(MMU)
MORRISTOWN, NEW JERSEY



NE-2, 10 SEP 2020 to 05 NOV 2020

MORRISTOWN SEVEN DEPARTURE

(MMU7.MMU) 28FEB19

MORRISTOWN, NEW JERSEY
MORRISTOWN MUNI(MMU)

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 5: Climb heading 049° to 1700, then climbing right turn heading 160° to 2000, thence...

TAKEOFF RUNWAY 13: Climb heading 127° to 800, then climb heading 100° to 1700, then climb heading 160° to 2000, thence...

TAKEOFF RUNWAY 23: Climb heading 229° to 600, then climb heading 210° to 2000, then turning left heading 160°, thence...

TAKEOFF RUNWAY 31: Climbing right turn on SBJ R-052 to 1700, then climbing right turn heading 160° to 2000, thence...

...as per notes or vectors to assigned route/fix. Expect clearance to filed altitude/flight level ten (10) minutes after departure.

LOST COMMUNICATIONS: For aircraft proceeding to COATE, NEION, HAAYS, GAYEL, BREZY, if radio contact lost/not established with ATC, climb to 3000 feet after crossing SBJ R-047.

NOTE: BAYYS departures will be issued vectors to BDR/BDR R-054.
NOTE: BIGGY departures will be issued vectors to SBJ/SBJ R-237.
NOTE: BREZY departures will be issued vectors to IGN R-217 to BREZY.
NOTE: COATE departures will be issued vectors to SAX/SAX R-311.
NOTE: DIXIE departures will be issued vectors to COL R-350/COL/COL R-192 or ELVAE/COL.
NOTE: ELIOT departures will be issued vectors to SAX R-252. ELIOT may be accessed by all types of aircraft requesting a final altitude of 14000 or 16000.
NOTE: GAYEL departures will be issued vectors to DPK R-320.
NOTE: HAAYS departures will be issued vectors to HUO.
NOTE: LANNA departures will be issued vectors to SBJ/SBJ R-274.
NOTE: MERIT departures will be issued vectors to LGA R-055.
NOTE: NEION departures will be issued vectors to LGA R-322.
NOTE: NEWEL departures will be issued vectors to SAX/SAX R-264. NEWEL may be accessed by jet aircraft only requesting a final altitude at or above flight level 180.
NOTE: Rwy 23 PARKE departures will be issued vectors to BWZ R-250 or SBJ/SBJ R-302.
NOTE: WHITE departures will be issued vectors to COL R-350/COL/COL R-204 or ELVAE/COL.
NOTE: ZIMMZ departures will be issued vectors SBJ/SBJ R-317. ZIMMZ may be accessed by all types of aircraft requesting a final altitude at or above flight level 180.

NE-2, 10 SEP 2020 to 05 NOV 2020
NE-2, 10 SEP 2020 to 05 NOV 2020

MT HOLLY, NEW JERSEY AL-5871 (FAA) 20198

WAAS CH 69324 W08A	APP CRS 082°	Rwy ldg 3881 TDZE 50 Apt Elev 53

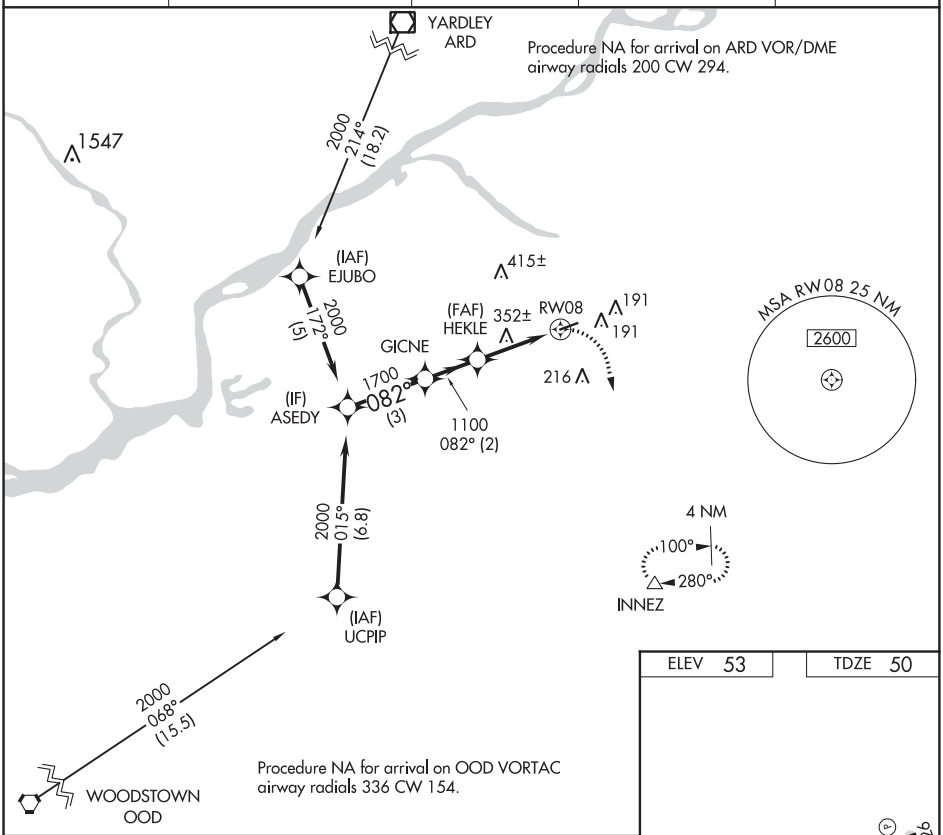
RNAV (GPS) RWY 8
SOUTH JERSEY RGNL (VAY)

RNP APCH.

Procedure NA at night.
Rwy 8 helicopter visibility reduction below 1 SM NA.

MISSED APPROACH: Climbing right turn to 2000 direct INNEZ and hold.

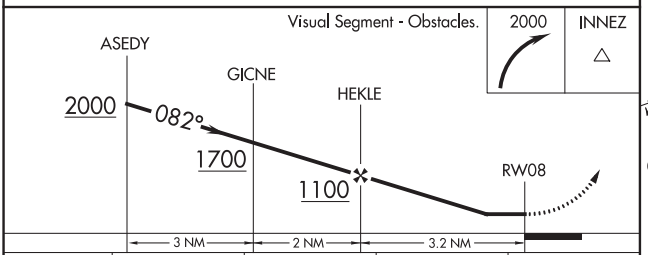
ASOS	MC GUIRE APP CON	GCO	UNICOM	
119.325	126.475 363.8	121.725	122.8 (CTAF)	123.3 L

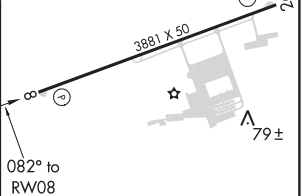


NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

ELEV 53 TDZE 50





CATEGORY	A	B	C	D
LP MDA	660-1	610 (700-1)	NA	
LNAV MDA	660-1	610 (700-1)	NA	
CIRCLING	660-1	607 (700-1)	NA	

MIRL Rwy 8-26 L
REIL Rwys 8 and 26 L

APP CRS	Rwy ldg	3881
262°	TDZE	53
	Apt Elev	53

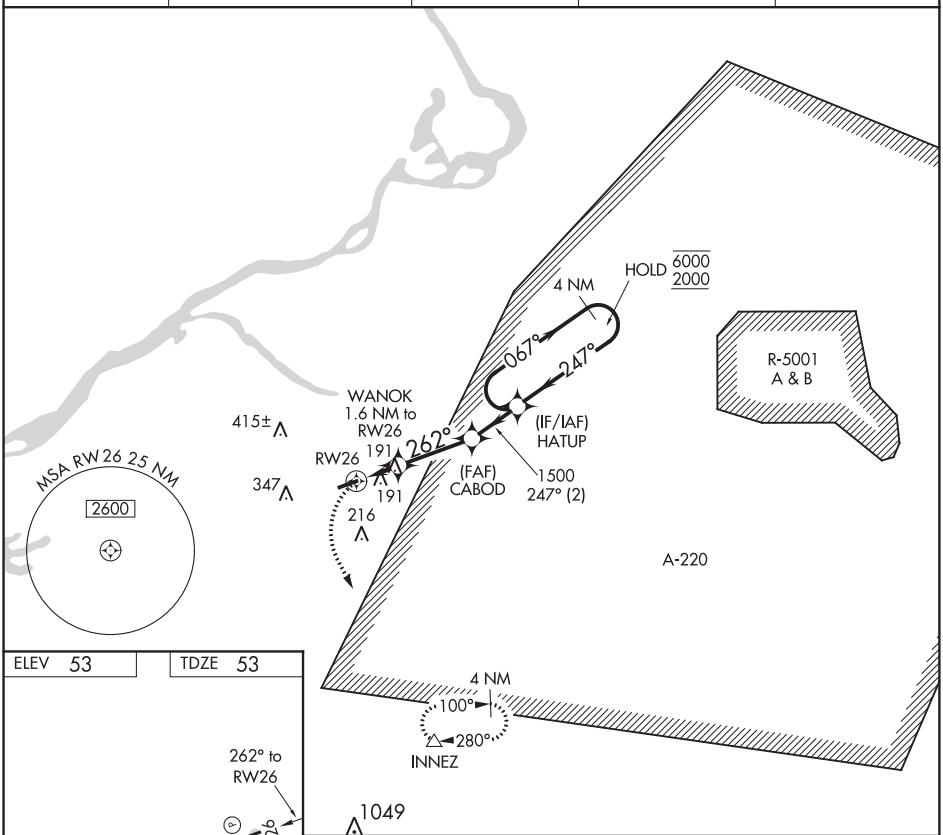
RNAV (GPS) RWY 26
SOUTH JERSEY RGNL (VAY)

RNP APCH.

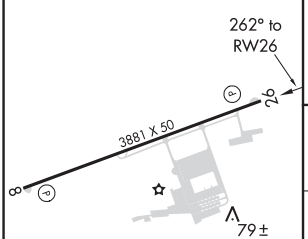
Rwy 26 helicopter visibility reduction below 1 SM NA. Procedure NA at night.

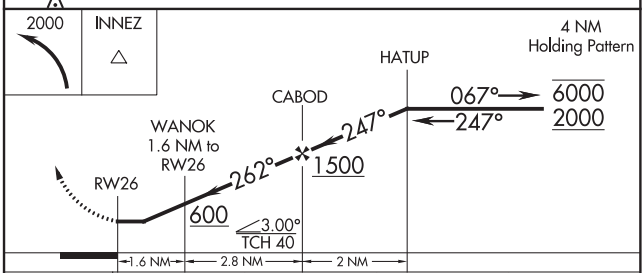
MISSED APPROACH: Climbing left turn to 2000 direct INNEZ and hold.

ASOS	MC GUIRE APP CON	GCO	UNICOM	
119.325	126.475 363.8	121.725	122.8 (CTAF)	123.3 (L)



ELEV 53 TDZE 53





CATEGORY	A	B	C	D
LNAV MDA	480-1	427 (500-1)	NA	
CIRCLING	520-1	467 (500-1)	NA	

MIRL Rwy 8-26 (L)
REIL Rwys 8 and 26 (L)

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

MT HOLLY, NEW JERSEY | AL-5871 (FAA) | 20086

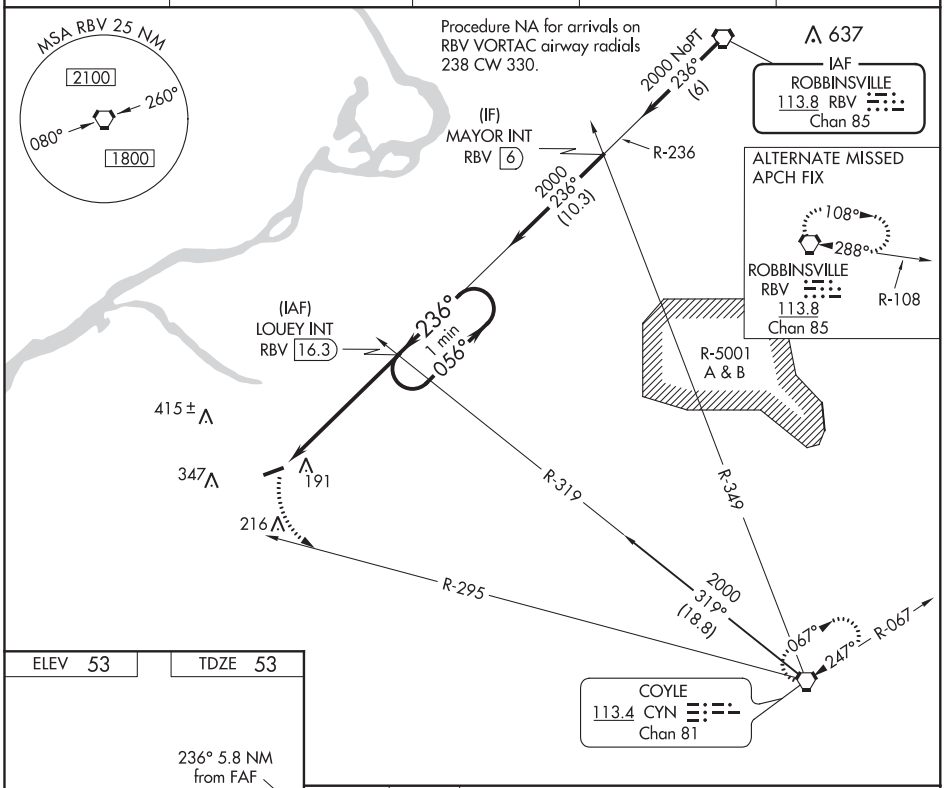
VOR RWY 26
SOUTH JERSEY RGNL (VAY)

VORTAC RBV	APP CRS	Rwy ldg 3881
113.8	236°	TDZE 53
Chan 85		Apt Elev 53

When local altimeter setting not received, use Northeast Philadelphia altimeter setting and increase all MDA 40 feet. Procedure NA at night. Helicopter visibility reduction below 1 SM NA.

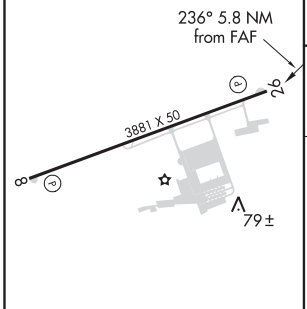
MISSED APPROACH: Climbing left turn to 2000 on CYN VORTAC R-295 to CYN VORTAC and hold.

ASOS	MC GUIRE APP CON	GCO	UNICOM	
119.325	126.475 363.8	121.725	122.8 (CTAF)	123.3 L



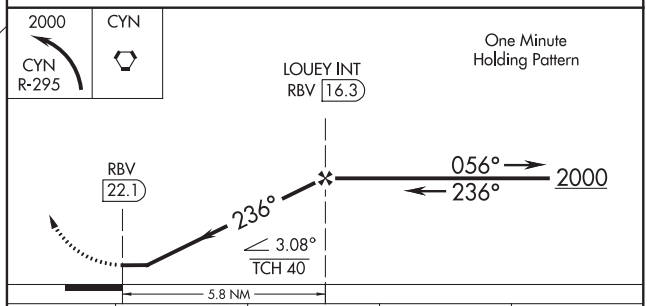
NE-2, 10 SEP 2020 to 05 NOV 2020

ELEV 53 | TDZE 53



MIRL Rwy 8-26 L
REIL Rwys 8 and 26 L

FAF to MAP 5.8 NM					
Knots	60	90	120	150	180
Min:Sec	5:48	3:52	2:54	2:19	1:56

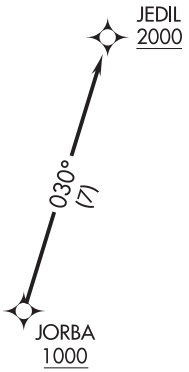


CATEGORY	A	B	C	D
S-26	640-1	587 (600-1)	NA	
CIRCLING	640-1 587 (600-1)	640-1¼ 587 (600-1¼)	NA	

JEDIL TWO DEPARTURE (COPTER) (RNAV)

DOWNTOWN MANHATTAN/WALL ST (JRB)
NEW YORK, NEW YORK

TETERBORO D-ATIS
114.2 132.85
NEW YORK DEP CON
120.8 263.0



NOTE: GPS required.
NOTE: Use Teterboro altimeter setting.
NOTE: RNAV 1.

NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

VFR SEGMENT: VFR climb to JORBA, cross JORBA at or above 1000.
IFR SEGMENT: Track 030° to cross JEDIL at or above 2000.

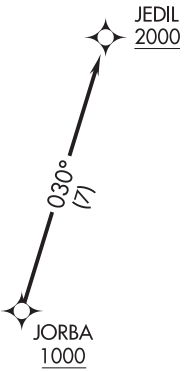
NE-2, 10 SEP 2020 to 05 NOV 2020

(JEDIL2.JEDIL) 19227 AL-11431 (FAA)

JEDIL TWO DEPARTURE (COPTER) (RNAV)

EAST 34TH STREET (6N5)
NEW YORK, NEW YORK

TETERBORO D-ATIS
114.2 132.85
NEW YORK DEP CON
120.8 263.0



NOTE: GPS required.
NOTE: Use Teterboro altimeter setting.
NOTE: RNAV 1.

NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

VFR SEGMENT: VFR climb to JORBA, cross JORBA at or above 1000.
IFR SEGMENT: Track 030° to cross JEDIL at or above 2000.

NE-2, 10 SEP 2020 to 05 NOV 2020
NE-2, 10 SEP 2020 to 05 NOV 2020

ILS or LOC RWY 4L
JOHN F KENNEDY INTL (JFK)

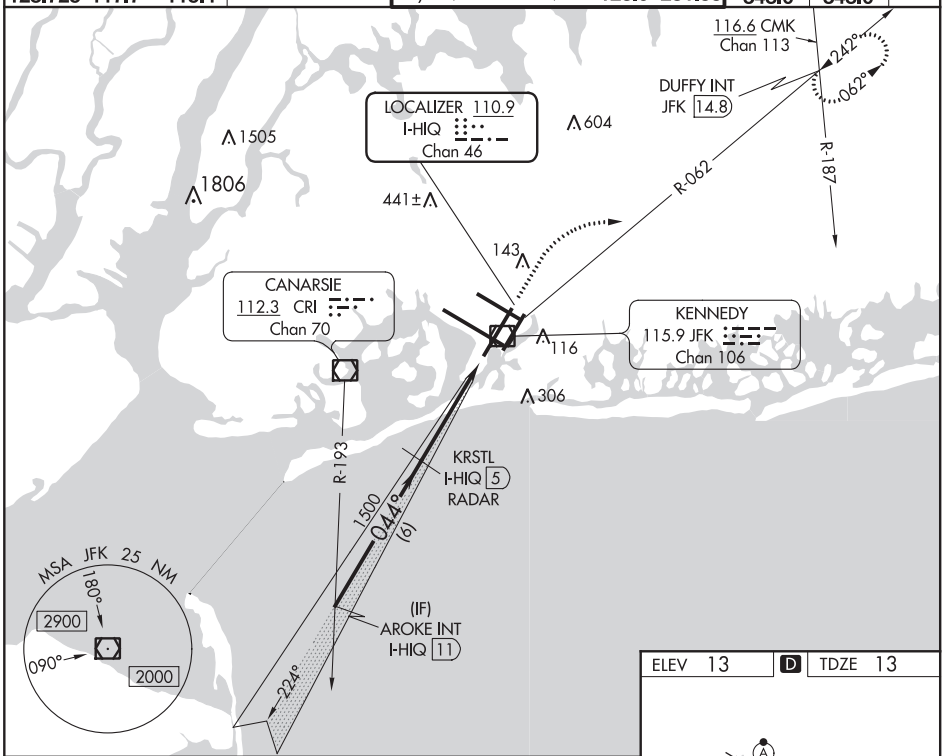
LOC/DME I-HIQ	APP CRS	Rwy ldg 11010
110.9	044°	TDZE 13
Chan 46		Apt Elev 13

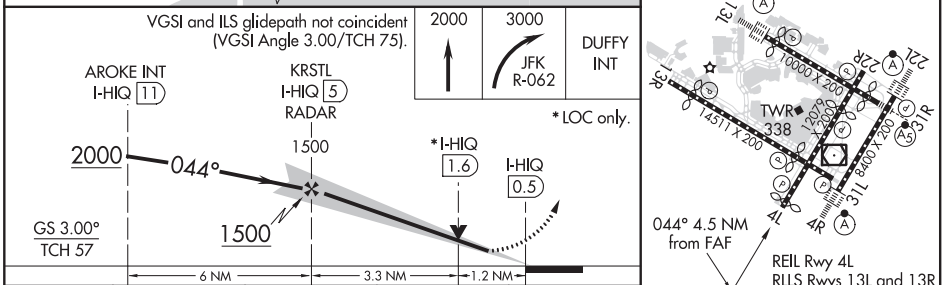
RADAR required for procedure entry. DME or RADAR required for LOC only.

Simultaneous approach authorized.

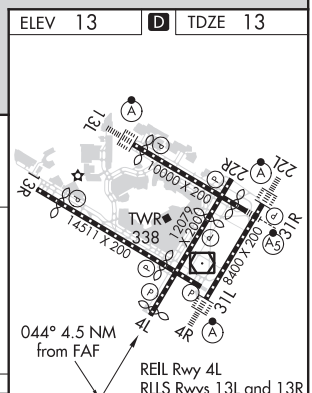
MISSED APPROACH: Climb to 2000 then climbing right turn to 3000 on JFK VOR/DME R-062 to DUFFY INT/JFK 14.8 DME and hold.

D-ATIS (ARR/DEP)	(ARR-NE)	(ARR-SW)	NEW YORK APP CON		KENNEDY TOWER		GND CON	CLNC DEL	CPDLC
128.725	117.7	115.4	128.125	269.0	Rwys 4R/22L and 13L/31R 119.1	281.55	121.9	135.05	
					Rwys 4L/22R and 13R/31L 123.9	281.55	348.6	348.6	





CATEGORY	A	B	C	D
S-ILS 4L	223/40 210 (300-¾)			
S-LOC 4L	460/55 447 (500-1)		460-1⅜ 447 (500-1⅜)	
C CIRCLING	640-1 627 (700-1)		680-1¾ 667 (700-1¾)	680-2 667 (700-2)



FAF to MAP 4.5 NM					
Knots	60	90	120	150	180
Min:Sec	4:30	3:00	2:15	1:48	1:30

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

NEW YORK, NEW YORK | AL-610 (FAA) | 20254

ILS or LOC RWY 4R
JOHN F KENNEDY INTL (JFK)

LOC/DME I-JFK	APP CRS	Rwy ldg	8400
109.5	044°	TDZE	12
Chan 32		Apt Elev	13

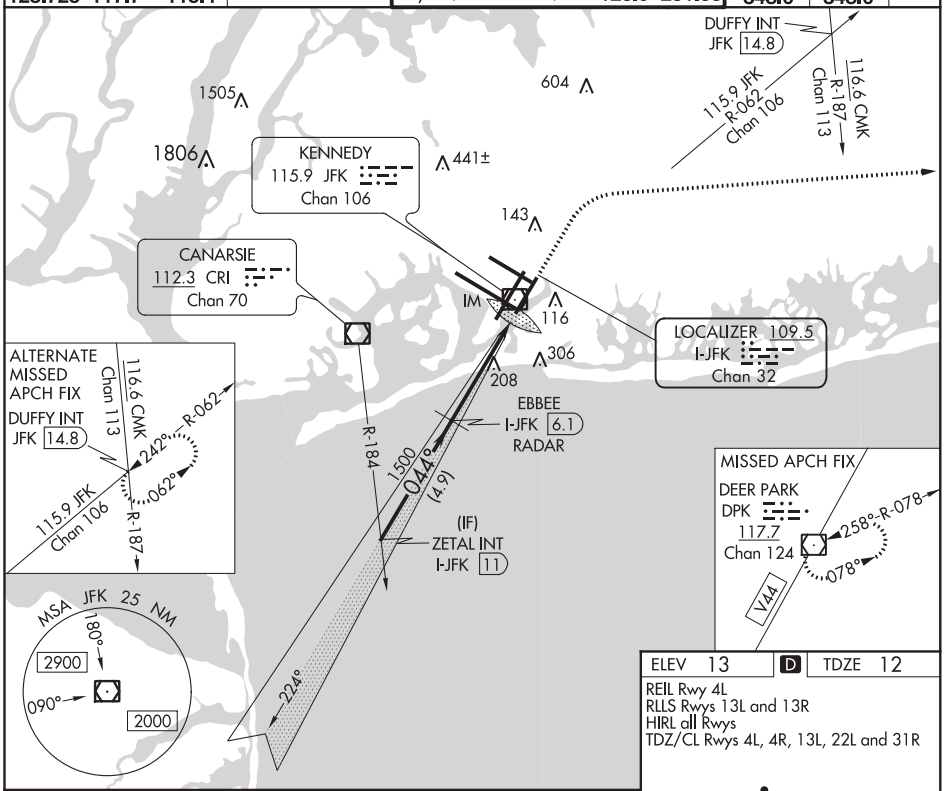
RADAR required for procedure entry.

Simultaneous approach authorized.

ALSF-2

MISSED APPROACH: Climb to 800 then climbing right turn to 4000 heading 099° and V44 to DPK VOR/DME and hold.

D-ATIS (ARR/DEP)	(ARR-NE)	(ARR-SW)	NEW YORK APP CON		KENNEDY TOWER		GND CON	CLNC DEL	CPDLC
128.725	117.7	115.4	128.125	269.0	Rwys 4R/22L and 13L/31R 119.1	281.55	121.9	135.05	
					Rwys 4L/22R and 13R/31L 123.9	281.55	348.6	348.6	

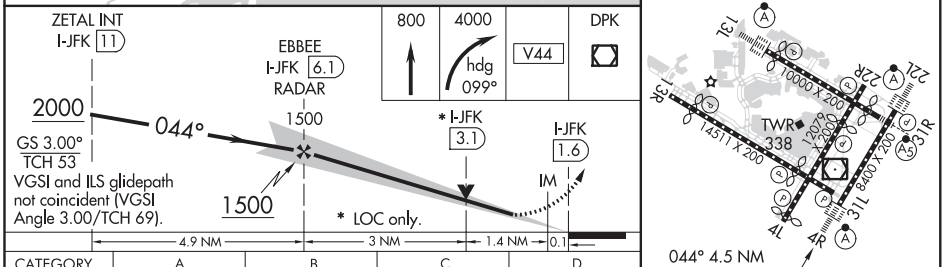


NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

ELEV 13 | D | TDZE 12

REIL Rwy 4L
RLLS Rwys 13L and 13R
HIRL all Rwys
TDZ/CL Rwys 4L, 4R, 13L, 22L and 31R



CATEGORY	A	B	C	D
S-ILS 4R	212/18		200 (200-½)	
S-LOC 4R	540/24 528 (600-½)		540/55	528 (600-1)
C CIRCLING	640-1 627 (700-1)		680-1¾ 667 (700-1¾)	680-2 667 (700-2)

FAF to MAP 4.5 NM

Knots	60	90	120	150	180
Min:Sec	4:30	3:00	2:15	1:48	1:30

LOC/DME I-TLK	APP CRS	Rwy ldg 9093
111.5	134°	TDZE 12
Chan 52		Apt Elev 13

ILS or LOC RWY 13L

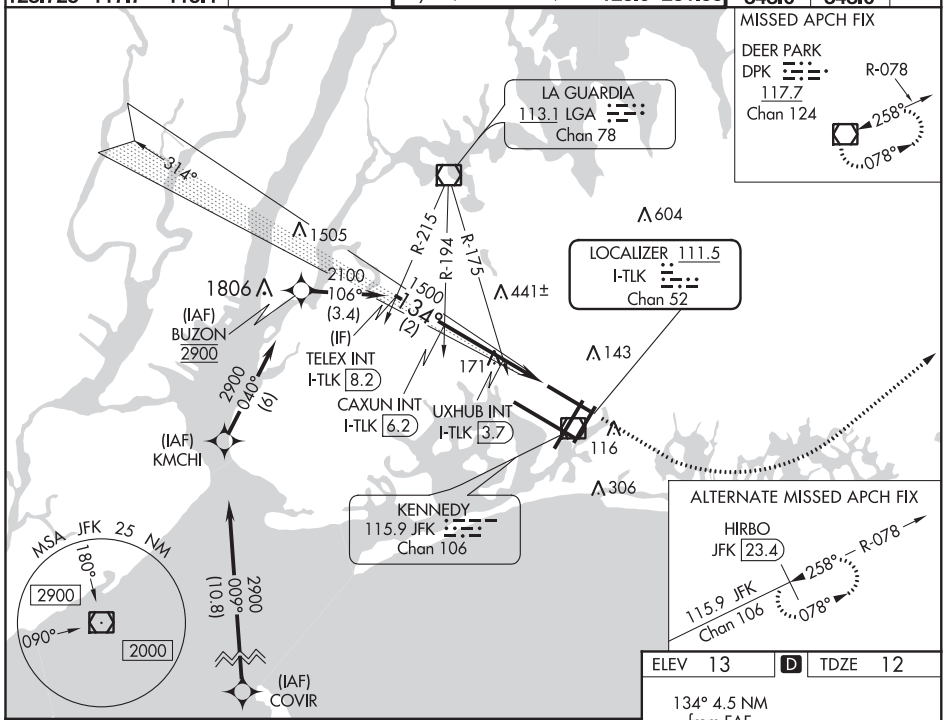
JOHN F KENNEDY INTL (JFK)

RNAV 1-GPS or RADAR required for procedure entry.
From COVIR, KMCHI, BUZON: RNAV-1 GPS required.
T For inop ALS, increase S-LOC 13L Cat C/D visibility to 1⅞ SM.

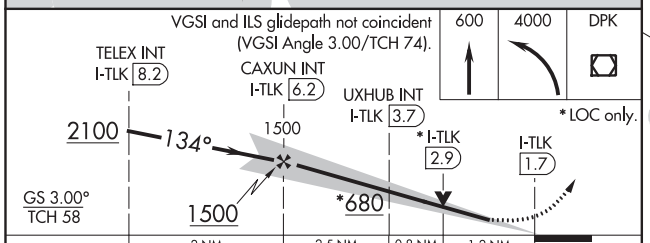
ALSF-2 (A)

MISSED APPROACH: Climb to 600 then climbing left turn to 4000 direct DPK VOR/DME and hold.

D-ATIS (ARR/DEP)	(ARR-NE)	(ARR-SW)	NEW YORK APP CON		KENNEDY TOWER			GND CON	CLNC DEL	
128.725	117.7	115.4	128.125	269.0	Rwys 4R/22L and 13L/31R	119.1	281.55	121.9	135.05	CPDLC
					Rwys 4L/22R and 13R/31L	123.9	281.55	348.6	348.6	

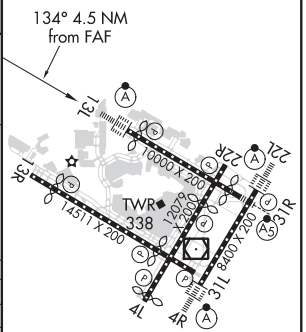


NE-2, 10 SEP 2020 to 05 NOV 2020



CATEGORY	A	B	C	D
S-ILS 13L	212/18 200 (200-½)			
S-LOC 13L	680/24 668 (700-½)		680-1½ 668 (700-1½)	
C CIRCLING	680-1 667 (700-1)		680-1⅞ 667 (700-1⅞)	680-2 667 (700-2)
UXHUB FIX MINIMUMS				
S-LOC 13L	440/24 428 (500-½)		440/40 428 (500-¾)	
C CIRCLING	640-1 627 (700-1)		640-1¾ 627 (700-1¾)	660-2 647 (700-2)

ELEV 13 | D | TDZE 12



REIL Rwy 4L
RLLS Rwys 13L and 13R
HIRL all Rwys
TDZ/CL Rwys 4L, 4R, 13L, 22L and 31R

FAF to MAP 4.5 NM					
Knots	60	90	120	150	180
Min:Sec	4:30	3:00	2:15	1:48	1:30

NEW YORK, NEW YORK | AL-610 (FAA) | 20254

ILS or LOC RWY 22L
JOHN F KENNEDY INTL (JFK)

LOC/DME I-IWY	APP CRS	Rwy ldg 8400
110.9	224°	TDZE 12
Chan 46		Apt Elev 13

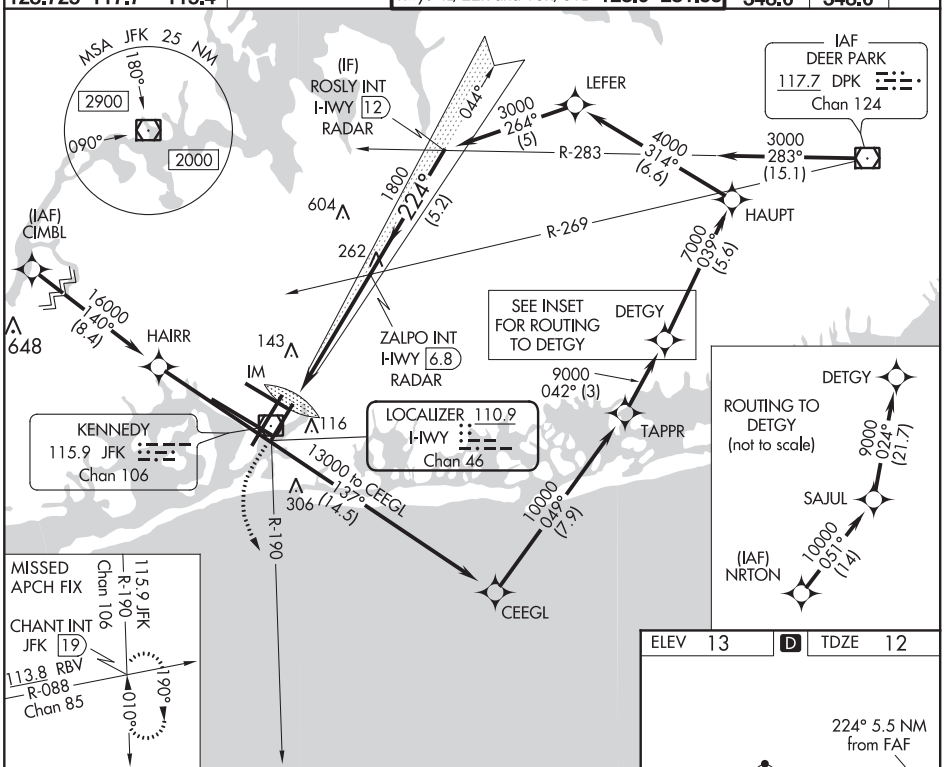
RNAV 1-GPS or RADAR required for procedure entry.
From CIMBL, NRTON: RNAV 1-GPS required.

Simultaneous approach authorized.

ALSF-2

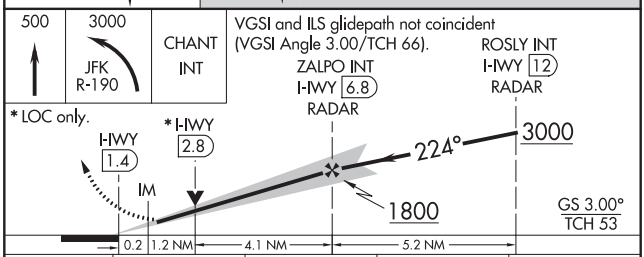
MISSED APPROACH: Climb to 500 then climbing left turn to 3000 on JFK VOR/DME R-190 to CHANT INT/19 DME and hold.

D-ATIS (ARR/DEP)	(ARR-NE)	(ARR-SW)	NEW YORK APP CON	KENNEDY TOWER		GND CON	CLNC DEL	CPDLC
128.725	117.7	115.4	128.125 269.0	Rwys 4R/22L and 13L/31R	119.1 281.55	121.9 348.6	135.05 348.6	
				Rwys 4L/22R and 13R/31L	123.9 281.55			

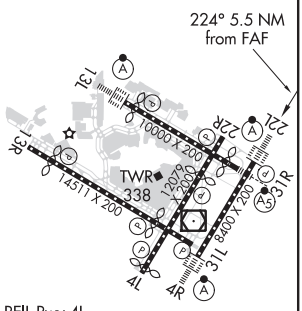


500	3000	CHANT INT
	JFK R-190	

VGSI and ILS glidepath not coincident
(VGSI Angle 3.00/TCH 66).



ELEV 13 | D | TDZE 12



REIL Rwy 4L
RLLS Rwys 13L and 13R
HIRL all Rwys
TDZ/CL Rwys 4L, 4R, 13L, 22L and 31R

FAF to MAP 5.5 NM					
Knots	60	90	120	150	180
Min:Sec	5:30	3:40	2:45	2:12	1:50

CATEGORY	A	B	C	D
S-ILS 22L	212/18 200 (200-½)			
S-LOC 22L	520/24 508 (600-½)		520/55 508 (600-1)	
C CIRCLING	640-1 627 (700-1)		680-1¾ 667 (700-1¾)	680-2 667 (700-2)

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

ILS or LOC RWY 22R
JOHN F KENNEDY INTL (JFK)

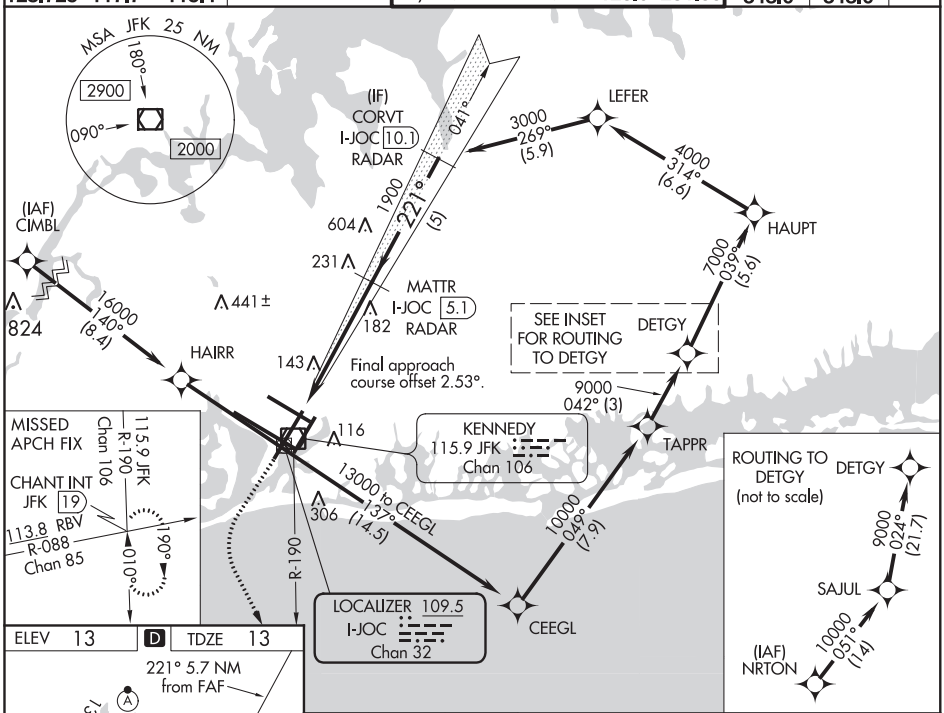
LOC/DME I-JOC	APP CRS	Rwy ldg 7795
109.5	221°	TDZE 13
Chan 32		Apt Elev 13

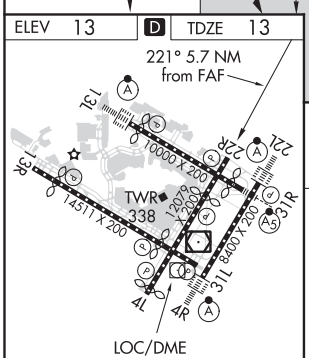
RNAV 1-GPS or RADAR required for procedure entry.
From CIMBL, NRTON: RNAV 1-GPS required. DME or RADAR required.

T A Simultaneous approach authorized.

MISSED APPROACH: Climb to 2000 then climbing left turn to 4000 on JFK VOR/DME R-190 to CHANT INT and hold.

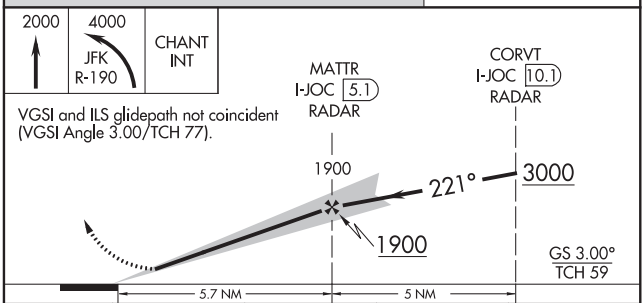
D-ATIS (ARR/DEP)	(ARR-NE)	(ARR-SW)	NEW YORK APP CON		KENNEDY TOWER		GND CON	CLNC DEL	CPDLC
128.725	117.7	115.4	128.125	269.0	Rwys 4R/22L and 13L/31R 119.1	281.55	121.9	135.05	
					Rwys 4L/22R and 13R/31L 123.9	281.55	348.6	348.6	





REIL Rwy 4L
RLLS Rwys 13L and 13R
HIRL all Rwys
TDZ/CL Rwys 4L, 4R, 13L, 22L and 31R

FAF to MAP 5.7 NM					
Knots	60	90	120	150	180
Min:Sec	5:42	3:48	2:51	2:17	1:54



CATEGORY	A	B	C	D
S-ILS 22R	263/40 250 (300-¾)			
S-LOC 22R	460/55 447 (500-1)		460-1⅜ 447 (500-1⅜)	
C CIRCLING	640-1 627 (700-1)		680-1¾ 667 (700-1¾)	680-2 667 (700-2)

NE-2, 10 SEP 2020 to 05 NOV 2020
NE-2, 10 SEP 2020 to 05 NOV 2020

LOC I-MOH	APP CRS	Rwy ldg 11248
111.35	314°	TDZE 13
		Apt Elev 13

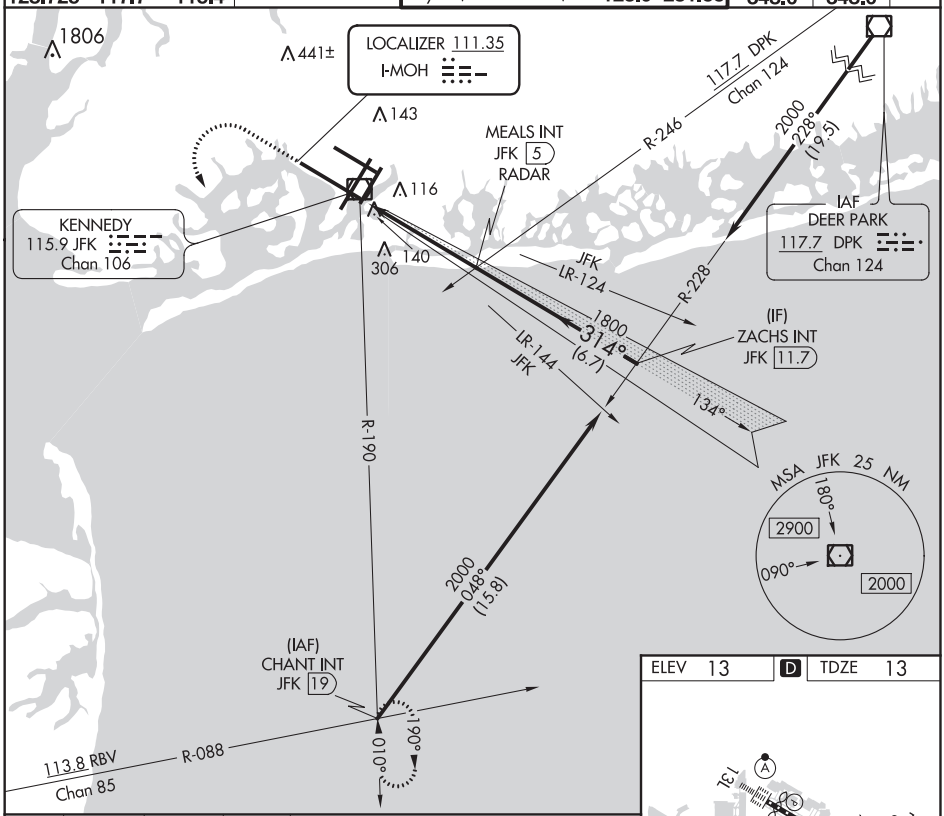
ILS or LOC RWY 31L

JOHN F KENNEDY INTL (JFK)

Simultaneous approach authorized.
DME from JFK VOR/DME.
Simultaneous reception of I-MOH and JFK DME required.

MISSED APPROACH: Climb to 500 then climbing left turn to 3000 intercepting JFK VOR/DME R-190 to CHANT INT/JFK 19 DME and hold.

D-ATIS (ARR/DEP)	(ARR-NE)	(ARR-SW)	NEW YORK APP CON		KENNEDY TOWER		GND CON	CLNC DEL	CPDLC
128.725	117.7	115.4	128.125	269.0	Rwys 4R/22L and 13L/31R 119.1	281.55	121.9	135.05	
					Rwys 4L/22R and 13R/31L 123.9	281.55	348.6	348.6	

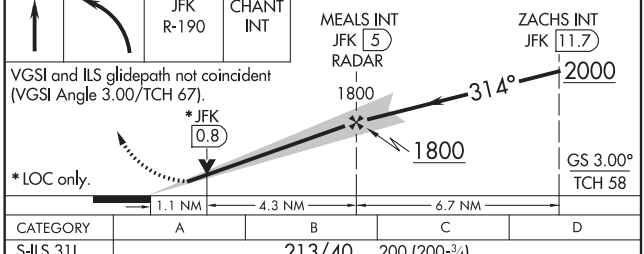


NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

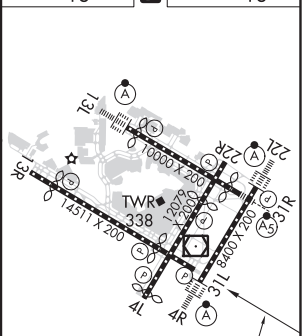
500	3000	JFK R-190	CHANT INT

VGSI and ILS glidepath not coincident (VGSI Angle 3.00/TCH 67).



CATEGORY	A	B	C	D
S-ILS 31L	213/40	200 (200-¾)		
S-LOC 31L	440/55	427 (500-1)	440-1¼	427 (500-1¼)
C CIRCLING	640-1	627 (700-1)	680-1¾	680-2
			667 (700-1¾)	667 (700-2)

ELEV 13 D TDZE 13



REIL Rwy 4L
RLLS Rwys 13L and 13R
HIRL all Rwys
TDZ/CL Rwys 4L, 4R, 13L, 22L and 31R

FAF to MAP 5.4 NM					
Knots	60	90	120	150	180
Min:Sec	5:24	3:36	2:42	2:10	1:48

ILS or LOC RWY 31R

JOHN F KENNEDY INTL (JFK)

LOC/DME I-RTH	APP CRS	Rwy ldg	8486
111.5	314°	TDZE	13
Chan 52		Apt Elev	13

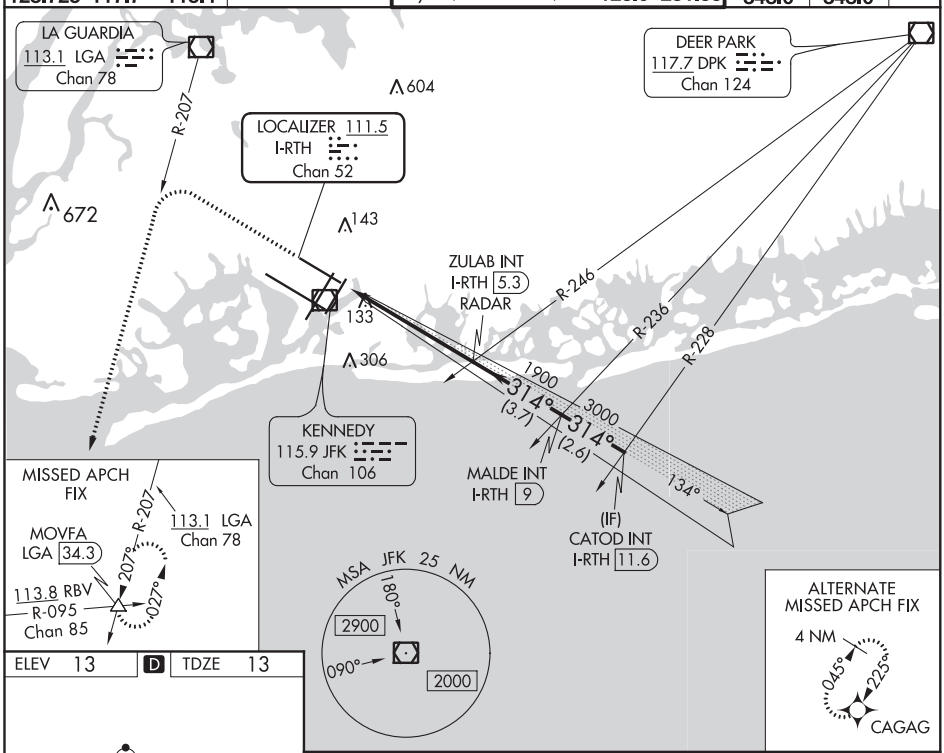
RADAR required for procedure entry.

Simultaneous approach authorized.

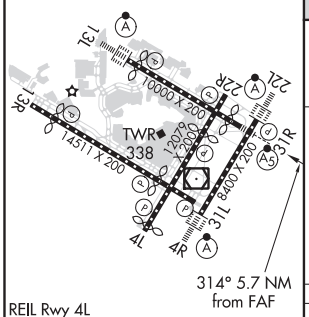
MALSR

MISSED APPROACH: Climb to 1800 then climbing left turn to 4000 on LGA VOR/DME R-207 to MOVFA INT/LGA 34.3 DME and hold.

D-ATIS (ARR/DEP)	(ARR-NE)	(ARR-SW)	NEW YORK APP CON	KENNEDY TOWER		GND CON	CLNC DEL	CPDLC
128.725	117.7	115.4	128.125 269.0	Rwys 4R/22L and 13L/31R	119.1 281.55	121.9	135.05	
				Rwys 4L/22R and 13R/31L	123.9 281.55	348.6	348.6	



ELEV 13 | D | TDZE 13

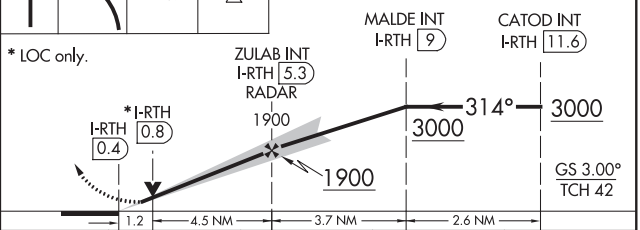


REIL Rwy 4L
RLLS Rwys 13L and 13R
HIRL all Rwys
TDZ/CL Rwys 4L, 4R, 13L, 22L and 31R

FAF to MAP 5.7 NM					
Knots	60	90	120	150	180
Min:Sec	5:42	3:48	2:51	2:17	1:54

1800	4000	LGA R-207	MOVFA △

VGSI and ILS glidepath not coincident (VGSI Angle 3.00/TCH 54).



CATEGORY	A	B	C	D
S-ILS 31R	212/18 200 (200-½)			
S-LOC 31R	440/24 428 (500-½)		440/40 428 (500-¾)	
C CIRCLING	640-1 627 (700-1)		680-1¾ 667 (700-1¾)	680-2 667 (700-2)

NE-2, 10 SEP 2020 to 05 NOV 2020
NE-2, 10 SEP 2020 to 05 NOV 2020

NEW YORK, NEW YORK | AL-610 (FAA) | 20254

ILS RWY 13L (CAT II)
JOHN F KENNEDY INTL (JFK)

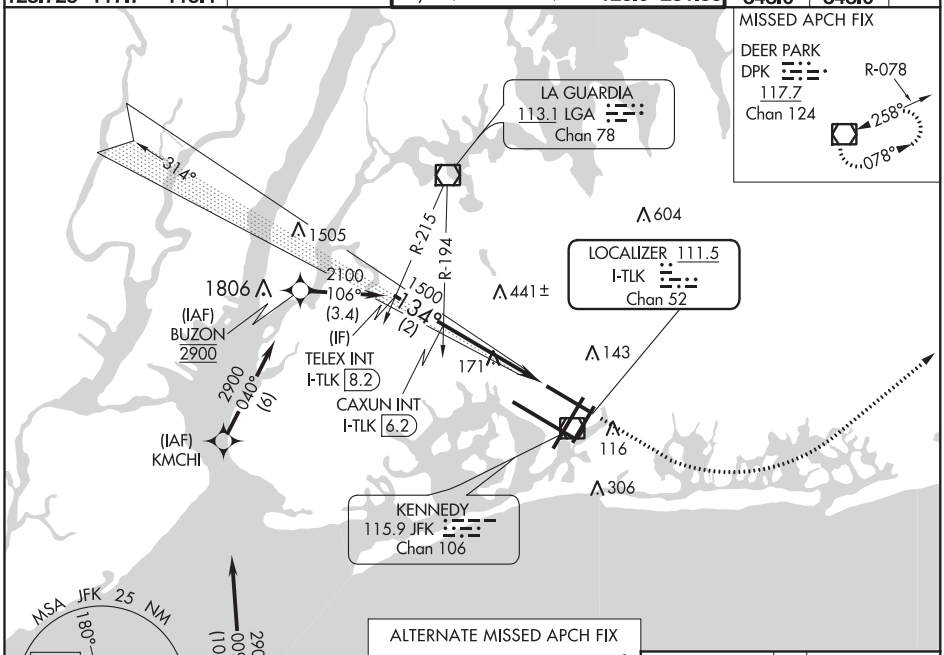
LOC/DME I-TLK	APP CRS	Rwy ldg	9093
111.5	134°	TDZE	12
Chan 52		Apt Elev	13

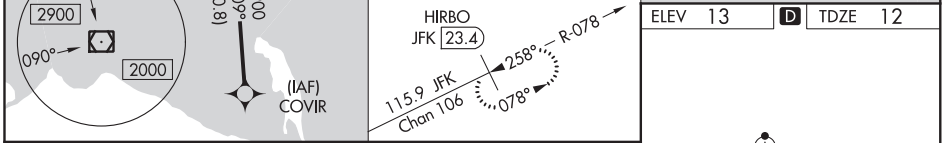
RNAV 1-GPS or RADAR required for procedure entry.
From COVIR, KMCHI, BUZON: RNAV-1 GPS required.

ALSF-2

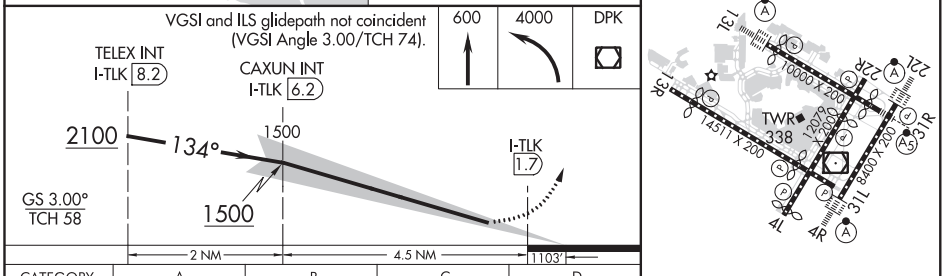
MISSED APPROACH: Climb to 600 then climbing left turn to 4000 direct DPK VOR/DME and hold.

D-ATIS (ARR/DEP)	(ARR-NE)	(ARR-SW)	NEW YORK APP CON		KENNEDY TOWER		GND CON	CLNC DEL	CPDLC
128.725	117.7	115.4	128.125	269.0	Rwys 4R/22L and 13L/31R 119.1	281.55	121.9	135.05	
					Rwys 4L/22R and 13R/31L 123.9	281.55	348.6	348.6	





ELEV	13	D	TDZE	12



CATEGORY	A	B	C	D
S-ILS 13L	RA 150/16 150 DA 162			

CATEGORY II ILS - SPECIAL AIRCREW & AIRCRAFT CERTIFICATION REQUIRED

REIL Rwy 4L
RLLS Rwys 13L and 13R
HIRL all Rwys
TDZ/CL Rwys 4L, 4R, 13L, 22L and 31R

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

ILS RWY 4R (CAT II & III)
JOHN F KENNEDY INTL (JFK)

LOC/DME I-JFK	APP CRS	Rwy ldg	8400
109.5	044°	TDZE	12
Chan 32		Apt Elev	13

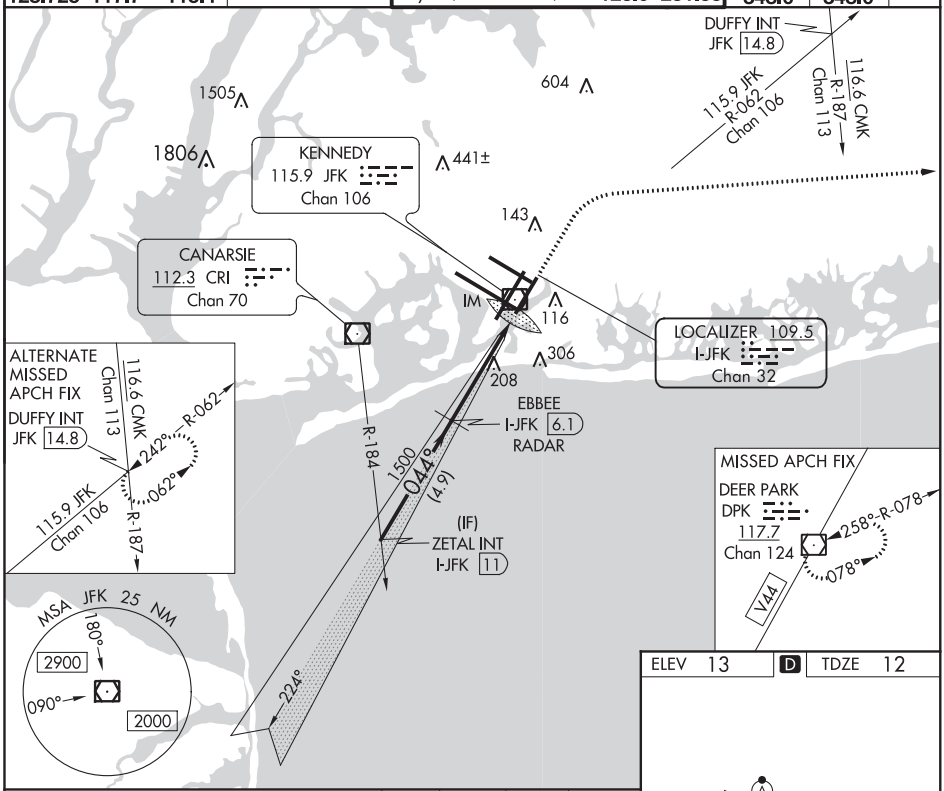
RADAR required for procedure entry.

Simultaneous approach authorized.

ALSF-2

MISSED APPROACH: Climb to 800 then climbing right turn to 4000 heading 099° and V44 to DPK VOR/DME and hold.

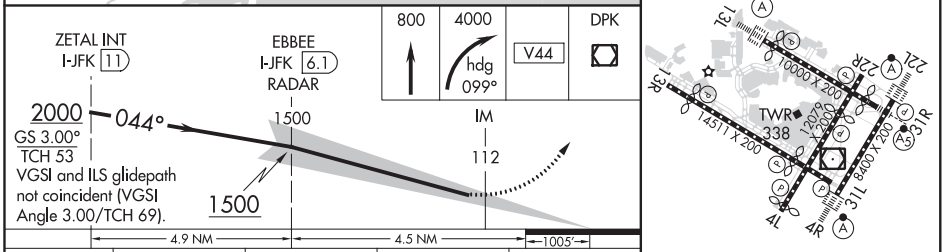
D-ATIS (ARR/DEP)	(ARR-NE)	(ARR-SW)	NEW YORK APP CON		KENNEDY TOWER		GND CON	CLNC DEL	CPDLC
128.725	117.7	115.4	128.125	269.0	Rwys 4R/22L and 13L/31R	119.1 281.55	121.9	135.05	
					Rwys 4L/22R and 13R/31L	123.9 281.55	348.6	348.6	



NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

ELEV 13 D TDZE 12



CATEGORY	A	B	C	D
S-ILS 4R	CAT II RA 112/12 100 DA 112			
S-ILS 4R	CAT III RVR 06			

CATEGORY II & III ILS - SPECIAL AIRCREW & AIRCRAFT CERTIFICATION REQUIRED

REIL Rwy 4L
RLLS Rwys 13L and 13R
HIRL all Rwys
TDZ/CL Rwys 4L, 4R, 13L, 22L and 31R

NEW YORK, NEW YORK | AL-610 (FAA) | 20254

ILS RWY 22L (CAT II & III)
JOHN F KENNEDY INTL (JFK)

LOC/DME I-IWY	APP CRS	Rwy ldg 8400
110.9	224°	TDZE 12
Chan 46		Apt Elev 13

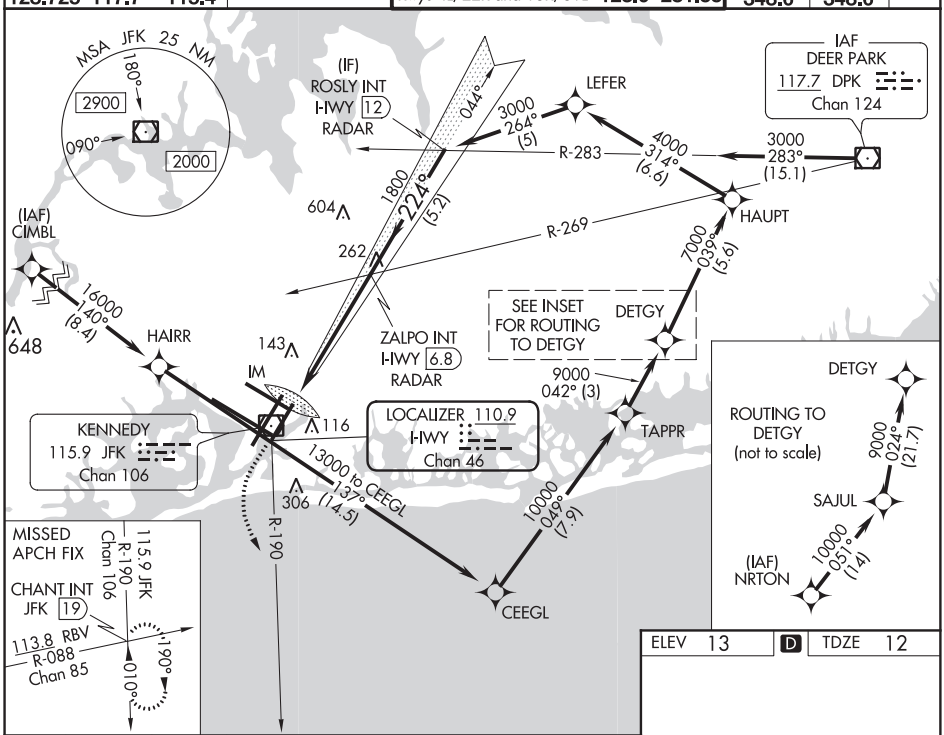
RNAV 1-GPS or RADAR required for procedure entry.
From CIMBL, NRTON: RNAV 1-GPS required.

Simultaneous approach authorized.

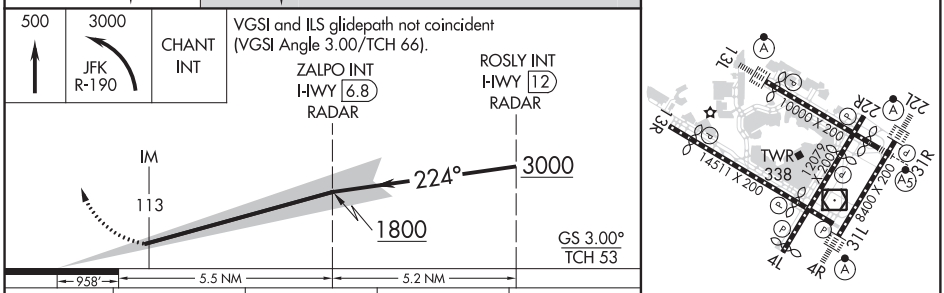
ALSF-2

MISSED APPROACH: Climb to 500 then climbing left turn to 3000 on JFK VOR/DME R-190 to CHANT INT/19 DME and hold.

D-ATIS (ARR/DEP)	(ARR-NE)	(ARR-SW)	NEW YORK APP CON		KENNEDY TOWER		GND CON	CLNC DEL	CPDLC
128.725	117.7	115.4	128.125	269.0	Rwys 4R/22L and 13L/31R 119.1	281.55	121.9	135.05	
					Rwys 4L/22R and 13R/31L 123.9	281.55	348.6	348.6	



ELEV 13	D	TDZE 12



CATEGORY	A	B	C	D
S-ILS 22L	CAT II RA 113/12 100 DA 112			
S-ILS 22L	CAT III RVR 06			

CATEGORY II & III ILS - SPECIAL AIRCREW & AIRCRAFT CERTIFICATION REQUIRED

REIL Rwy 4L
RLLS Rwys 13L and 13R
HIRL all Rwys
TDZ/CL Rwys 4L, 4R, 13L, 22L and 31R

NEW YORK, NEW YORK
Amdt 25A 21MAY20

40°38'N-73°47'W

JOHN F KENNEDY INTL (JFK)
ILS RWY 22L (CAT II & III)

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

APP CRS	Rwy ldg	11010
044°	TDZE	13
	Apt Elev	13

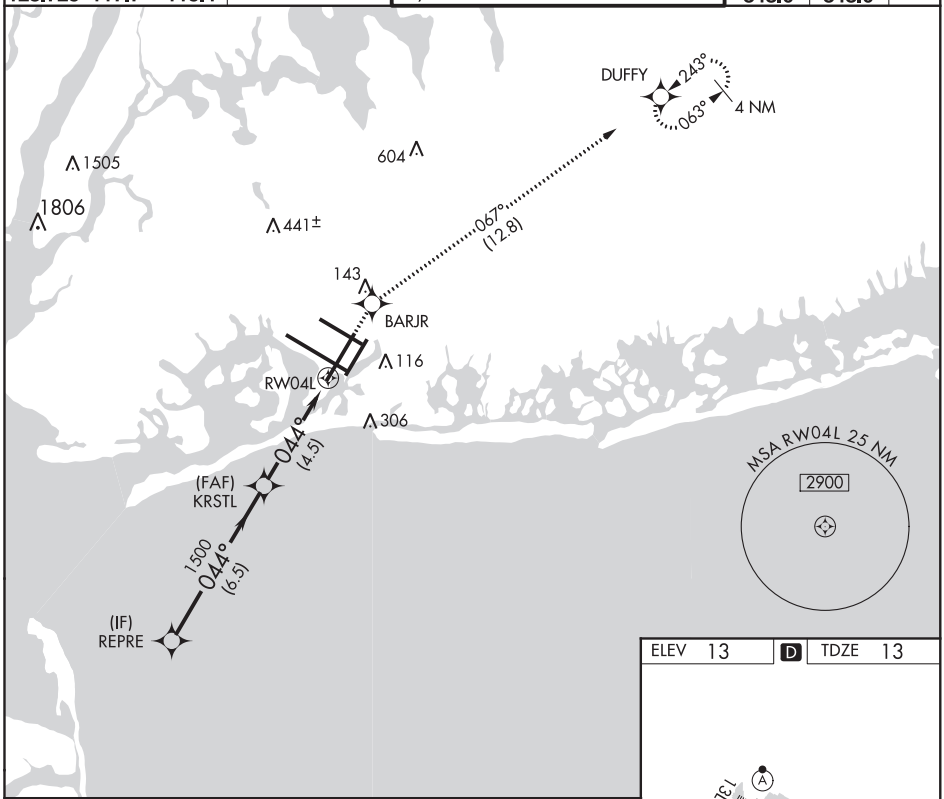
RNAV (RNP) Z RWY 4L
JOHN F KENNEDY INTL (JFK)

RNP AR APCH.

For uncompensated Baro-VNAV systems, procedure NA below -12°C (11°F) or above 54°C (130°F). Simultaneous approach authorized.

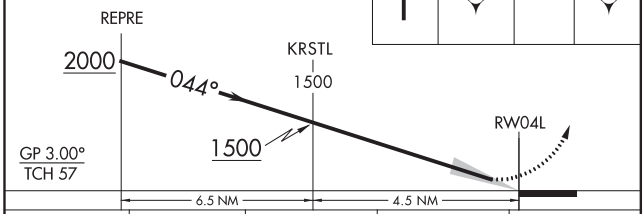
MISSED APPROACH: Climb to 3000 direct BARJR and track 067° to DUFFY and hold.

D-ATIS (ARR/DEP)	(ARR-NE)	(ARR-SW)	NEW YORK APP CON		KENNEDY TOWER			GND CON	CLNC DEL	CPDLC
128.725	117.7	115.4	128.125	269.0	Rwys 4R/22L and 13L/31R	119.1	281.55	121.9	135.05	
					Rwys 4L/22R and 13R/31L	123.9	281.55	348.6	348.6	



VGSI and RNAV glidepath not coincident (VGSI Angle 3.00/TCH 75).

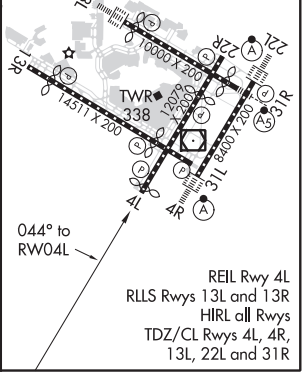
3000	BARJR	tr 067°	DUFFY



CATEGORY	A	B	C	D
RNP 0.30 DA	331/50 318 (400-1)			

AUTHORIZATION REQUIRED

ELEV 13 | D | TDZE 13



REIL Rwy 4L
RLLS Rwys 13L and 13R
HIRL all Rwys
TDZ/CL Rwys 4L, 4R, 13L, 22L and 31R

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

NEW YORK, NEW YORK AL-610 (FAA) 20254

RNAV (RNP) Z RWY 4R

JOHN F KENNEDY INTL (JFK)

APP CRS	Rwy ldg	8400
044°	TDZE	12
	Apt Elev	13

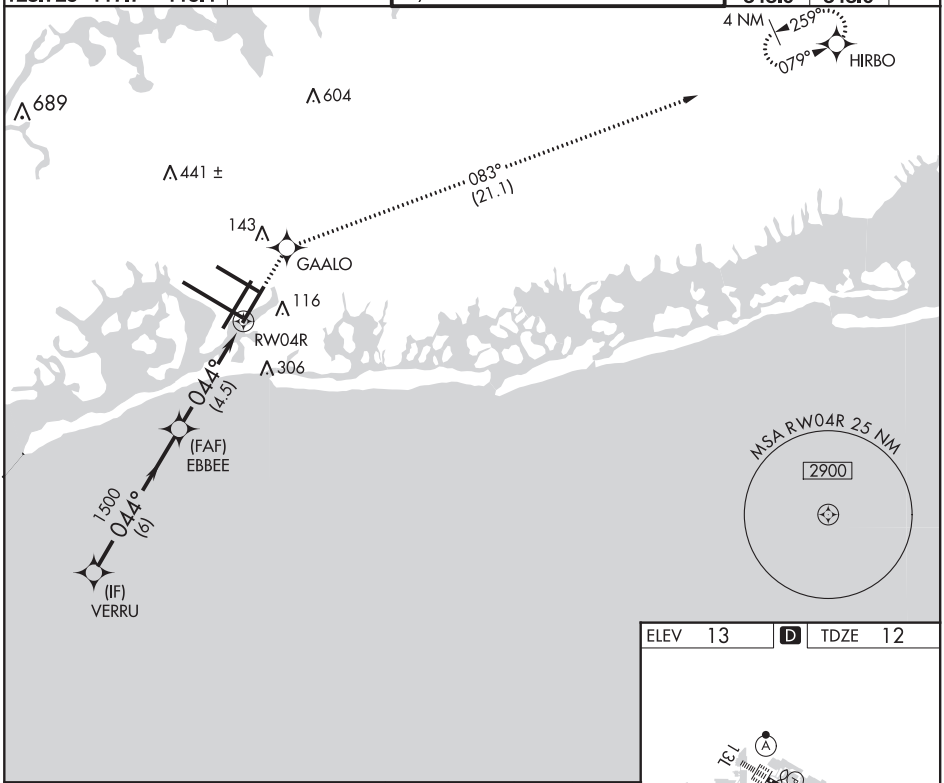
RNP AR APCH.

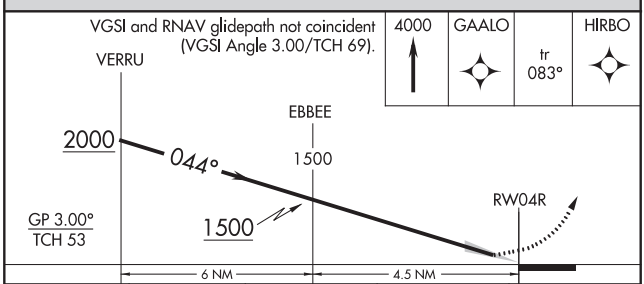
For uncompensated Baro-VNAV systems, procedure NA below -12°C (11°F) or above 54°C (130°F). Simultaneous approach authorized.

ALSF-2

MISSED APPROACH: (Do not exceed 210K until GAALO) Climb to 4000 direct GAALO and track 083° to HIRBO and hold.

D-ATIS (ARR/DEP)	(ARR-NE)	(ARR-SW)	NEW YORK APP CON	KENNEDY TOWER	GND CON	CLNC DEL	CPDLC
128.725	117.7	115.4	128.125 269.0	Rwys 4R/22L and 13L/31R 119.1 281.55 Rwys 4L/22R and 13R/31L 123.9 281.55	121.9 348.6	135.05 348.6	

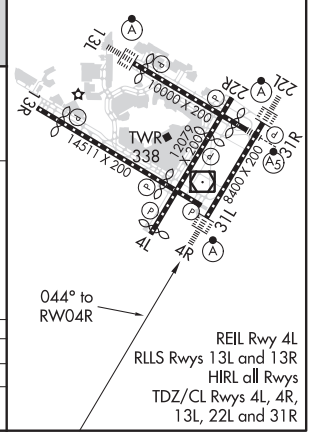




CATEGORY	A	B	C	D
RNP 0.30 DA	358/30 346 (400-⅝)			

AUTHORIZATION REQUIRED

ELEV 13 D TDZE 12



REIL Rwy 4L
RLLS Rwys 13L and 13R
HIRL all Rwys
TDZ/CL Rwys 4L, 4R, 13L, 22L and 31R

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

NEW YORK, NEW YORK
Amdt 1A 19JUL18

40°38′N-73°47′W

JOHN F KENNEDY INTL (JFK)

RNAV (RNP) Z RWY 4R

APP CRS	Rwy ldg	8400
224°	TDZE	12
	Apt Elev	13

RNAV (RNP) Z RWY 22L

JOHN F KENNEDY INTL (JFK)

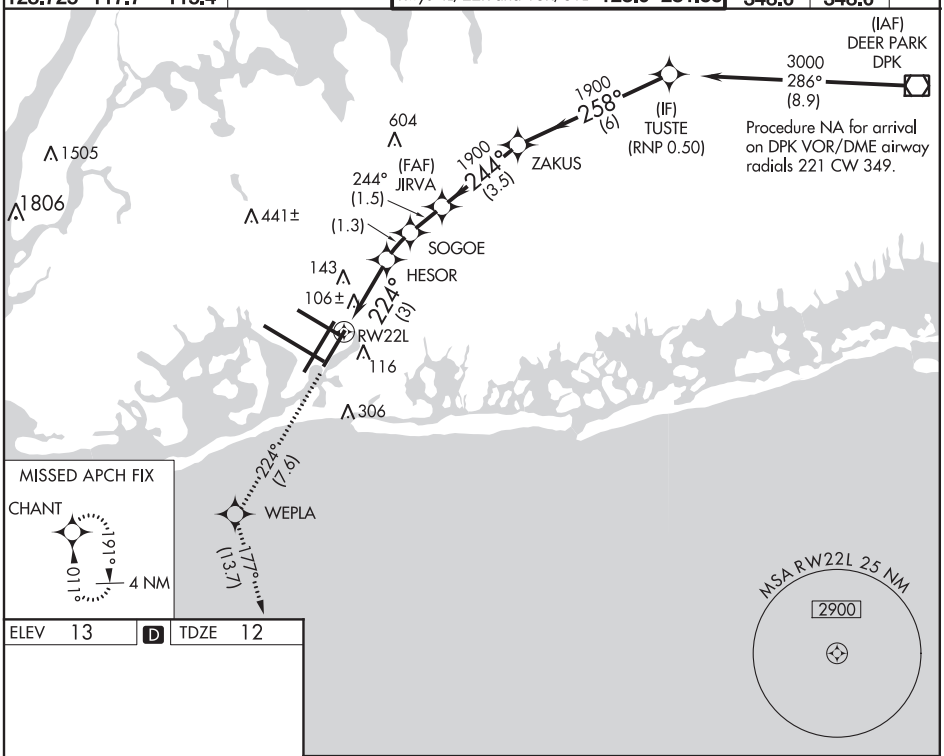
RF required. RNP AR APCH.

For uncompensated Baro-VNAV systems, procedure NA below -12°C (11°F) or above 54°C (130°F). Simultaneous approach authorized. Use of FD or AP providing RNAV track guidance required during simultaneous operations. For inop ALS, increase RNP 0.20 all Cats visibility to RVR 5500, increase RNP 0.30 all Cats visibility to RVR 6000.

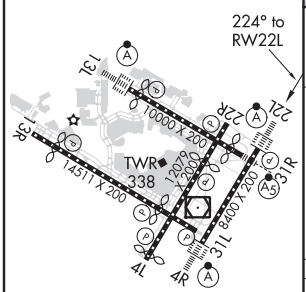
ALSF-2

MISSED APPROACH: Climb to 3000 on track 224° to WEPLA and on track 177° to CHANT and hold.

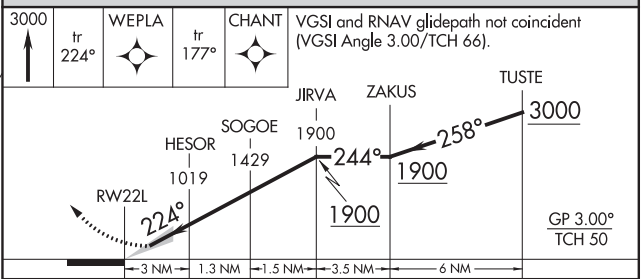
D-ATIS (ARR/DEP)	(ARR-NE)	(ARR-SW)	NEW YORK APP CON		KENNEDY TOWER			GND CON	CLNC DEL	CPDLC
128.725	117.7	115.4	128.125	269.0	Rwys 4R/22L and 13L/31R	119.1	281.55	121.9	135.05	
					Rwys 4L/22R and 13R/31L	123.9	281.55	348.6	348.6	



ELEV	13	D	TDZE	12



REIL Rwy 4L
RLLS Rwys 13L and 13R
HIRL all Rwys
TDZ/CL Rwys 4L, 4R, 13L, 22L and 31R



CATEGORY	A	B	C	D
RNP 0.20 DA	361/40	349 (400-¾)		
RNP 0.30 DA	421/40	409 (500-¾)		

AUTHORIZATION REQUIRED

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

NEW YORK, NEW YORK | AL-610 (FAA) | 20254

RNAV (RNP) Z RWY 31L
JOHN F KENNEDY INTL (JFK)

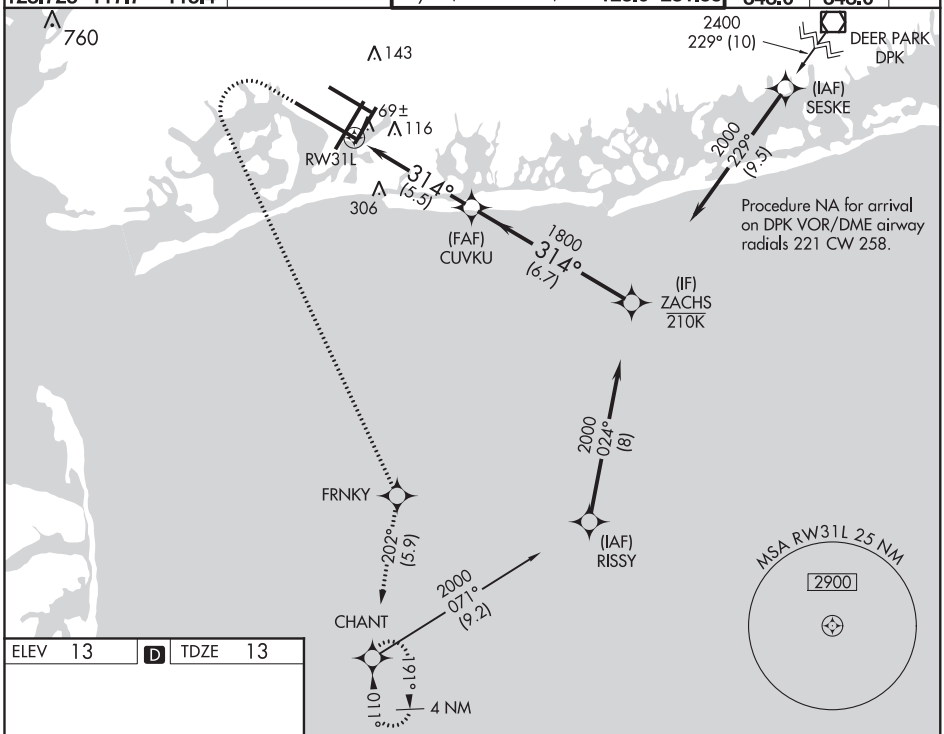
APP CRS	Rwy ldg	11248
314°	TDZE	13
	Apt Elev	13

RNP AR APCH.

For uncompensated Baro-VNAV systems, procedure NA below -12°C or above 54°C. Simultaneous approach authorized. Use of FD or AP required during simultaneous operations.

MISSED APPROACH: Climb to 500 then climbing left turn to 3000 direct FRNKY and on track 202° to CHANT and hold.

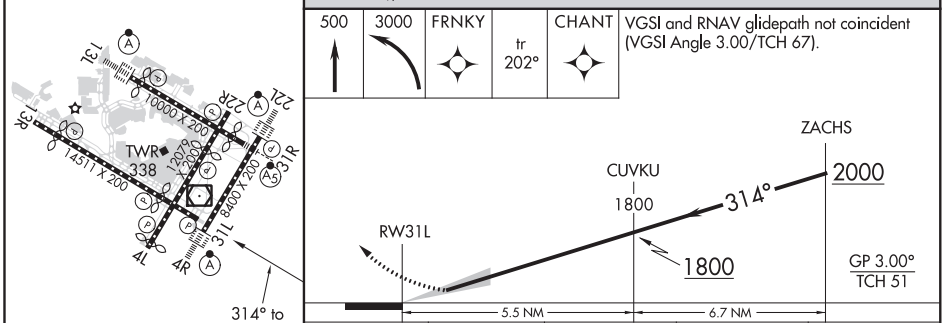
D-ATIS (ARR/DEP)	(ARR-NE)	(ARR-SW)	NEW YORK APP CON		KENNEDY TOWER			GND CON	CLNC DEL	CPDLC
128.725	117.7	115.4	128.125	269.0	Rwys 4R/22L and 13L/31R	119.1	281.55	121.9	135.05	
					Rwys 4L/22R and 13R/31L	123.9	281.55	348.6	348.6	



500	3000	FRNKY	tr 202°	CHANT

VGSI and RNAV glidepath not coincident (VGSI Angle 3.00/TCH 67).

ELEV 13 | D | TDZE 13



CATEGORY	A	B	C	D
RNP 0.30 DA	410-1⅜ 397 (400-1⅜)			

AUTHORIZATION REQUIRED

REIL Rwy 4L
RLLS Rwys 13L and 13R
HIRL all Rwys
TDZ/CL Rwys 4L, 4R, 13L, 22L and 31R

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

APP CRS	Rwy ldg	8973
314°	TDZE	12
	Apt Elev	13

RNAV (RNP) Z RWY 31R

JOHN F KENNEDY INTL (JFK)

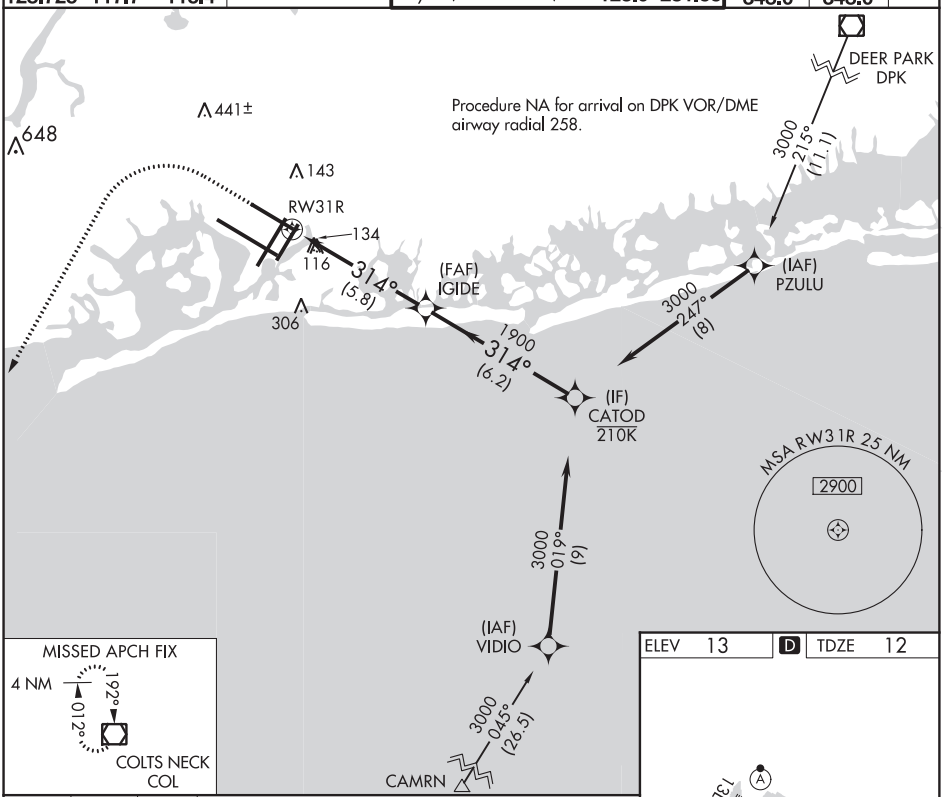
RNP AR APCH.

For uncompensated Baro-VNAV systems, procedure NA below -12°C or above 54°C. Simultaneous approach authorized. Use of FD or AP required during simultaneous operations.

MALSR

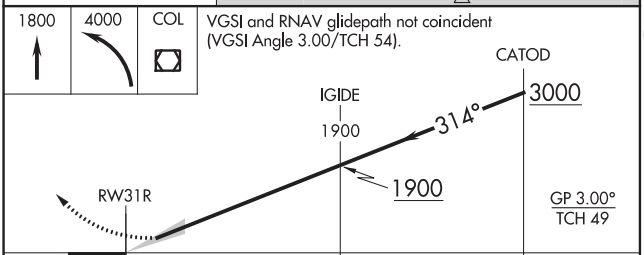
MISSED APPROACH: Climb to 1800 then climbing left turn to 4000 direct COL VOR/DME and hold.

D-ATIS (ARR/DEP)	(ARR-NE)	(ARR-SW)	NEW YORK APP CON		KENNEDY TOWER		GND CON	CLNC DEL	CPDLC
128.725	117.7	115.4	128.125	269.0	Rwys 4R/22L and 13L/31R 119.1	281.55	121.9	135.05	
					Rwys 4L/22R and 13R/31L 123.9	281.55	348.6	348.6	



1800	4000	COL

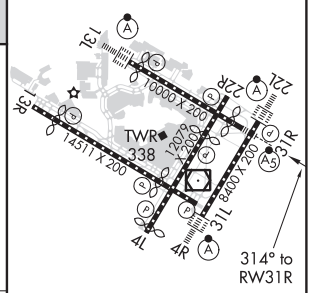
VGSI and RNAV glidepath not coincident (VGSI Angle 3.00/TCH 54).



CATEGORY	A	B	C	D
RNP 0.30 DA	458/50 446 (500-1)			

AUTHORIZATION REQUIRED

ELEV 13 D TDZE 12



REIL Rwy 4L
RLLS Rwys 13L and 13R
HIRL all Rwys
TDZ/CL Rwys 4L, 4R, 13L, 22L and 31R

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

WAAS CH 40019 W22B	APP CRS 224°	Rwy ldg 7795 TDZE 13 Apt Elev 13

RNAV (GPS) RWY 22R

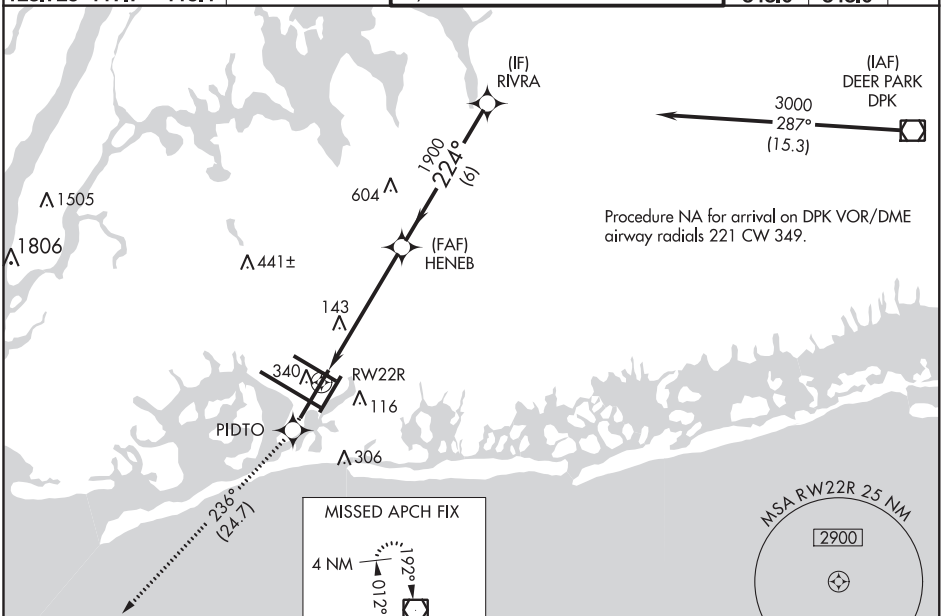
JOHN F KENNEDY INTL (JFK)

RNP APCH.

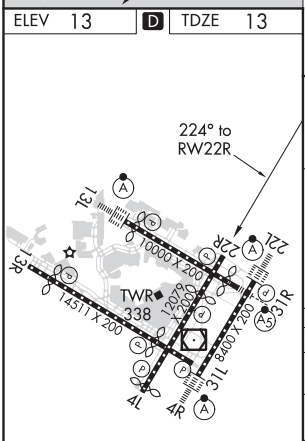
Simultaneous approach authorized. Use of FD or AP providing RNAV track guidance required during simultaneous operations. LNAV procedure NA during simultaneous operations. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -12°C or above 54°C.

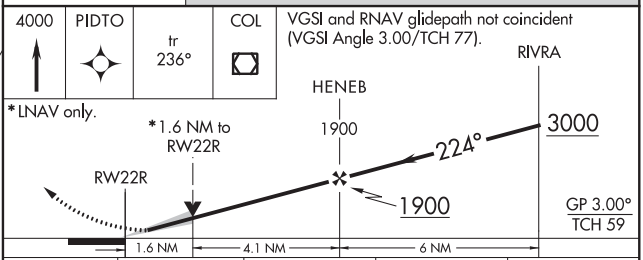
MISSED APPROACH: Climb to 4000 direct PIDTO and on track 236° to COL VOR/DME and hold.

D-ATIS (ARR/DEP)	(ARR-NE)	(ARR-SW)	NEW YORK APP CON		KENNEDY TOWER			GND CON	CLNC DEL	CPDLC
128.725	117.7	115.4	128.125	269.0	Rwys 4R/22L and 13L/31R Rwys 4L/22R and 13R/31L	119.1 123.9	281.55 281.55	121.9 348.6	135.05 348.6	



ELEV 13	D	TDZE 13





CATEGORY	A	B	C	D
LPV DA	269/40 256 (300-¾)			
LNAV/VNAV DA	501-1⅝ 488 (500-1⅝)			
LNAV MDA	600/55 587 (600-1)		600-1¾ 587 (600-1¾)	
C CIRCLING	640-1 627 (700-1)		680-1¾ 667 (700-1¾)	680-2 667 (700-2)

REIL Rwy 4L
RLLS Rwys 13L and 13R
HIRL all Rwys
TDZ/CL Rwys 4L, 4R, 13L, 22L and 31R

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

APP CRS	Rwy ldg	8400
234°	TDZE	12
	Apt Elev	13

RNAV (GPS) X RWY 22L

JOHN F KENNEDY INTL (JFK)

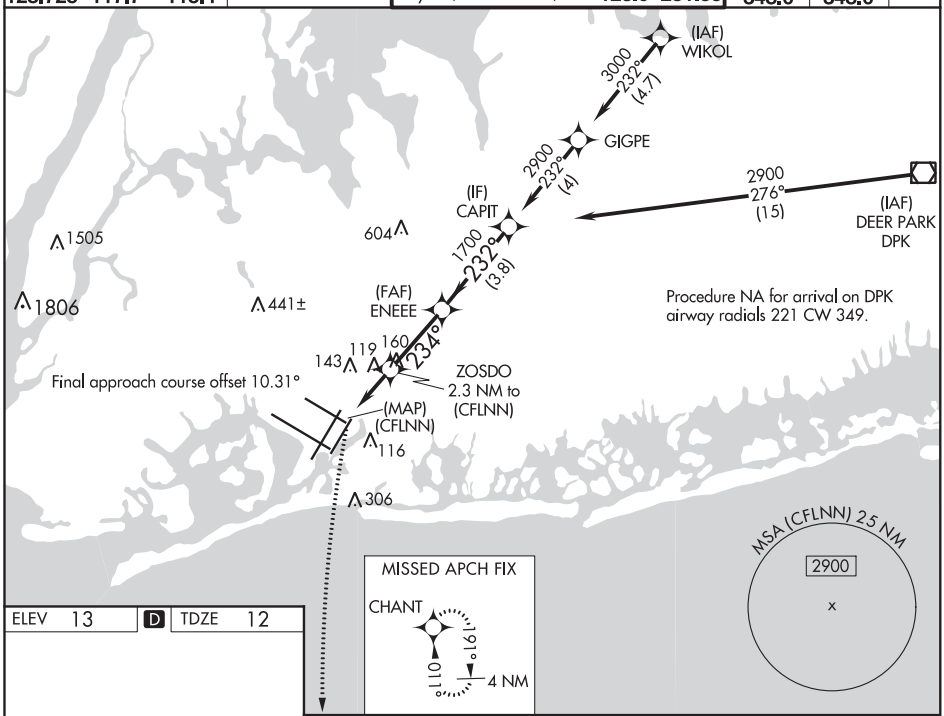
RNP APCH.

LNAV procedure NA during simultaneous operations. Use of FD or AP providing RNAV track guidance required during simultaneous operations. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -14°C or above 54°C. Simultaneous approach authorized. For inop ALS, increase LNAV/VNAV all Cats visibility to RVR 6000.

ALSF-2

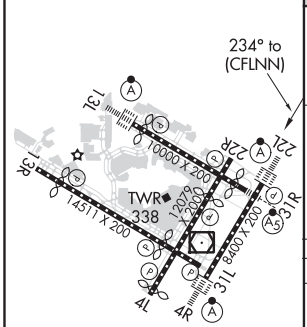
MISSED APPROACH: Climbing left turn to 3000 direct CHANT.

D-ATIS (ARR/DEP)	(ARR-NE)	(ARR-SW)	NEW YORK APP CON		KENNEDY TOWER			GND CON	CLNC DEL	CPDLC
128.725	117.7	115.4	128.125	269.0	Rwys 4R/22L and 13L/31R	119.1	281.55	121.9	135.05	
					Rwys 4L/22R and 13R/31L	123.9	281.55	348.6	348.6	

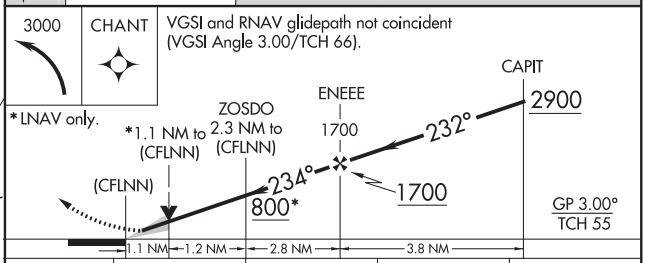


NE-2, 10 SEP 2020 to 05 NOV 2020

ELEV 13 | D | TDZE 12



REIL Rwy 4L
RLLS Rwys 13L and 13R
HIRL all Rwys
TDZ/CL Rwys 4L, 4R, 13L, 22L and 31R



CATEGORY	A	B	C	D
LNAV/VNAV DA	413/40 401 (400-¾)			
LNAV MDA	440/24 428 (500-½)		440/40 428 (500-¾)	
C CIRCLING	640-1 627 (700-1)		680-1¾ 667 (700-1¾)	680-2 667 (700-2)

WAAS CH 77519 W04A	APP CRS 044°	Rwy ldg 11010 TDZE 13 Apt Elev 13

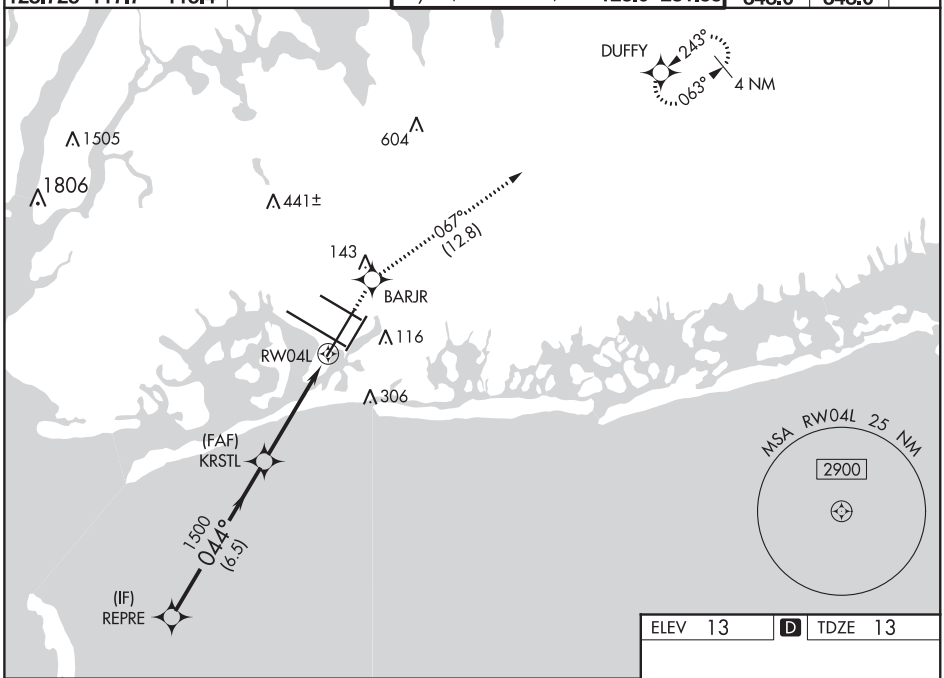
RNAV (GPS) Y RWY 4L
JOHN F KENNEDY INTL (JFK)

RNP APCH.

T Simultaneous approach authorized. Use of FD or AP providing RNAV track guidance required during simultaneous operations. LNAV procedure NA during simultaneous operations. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -12°C or above 54°C.

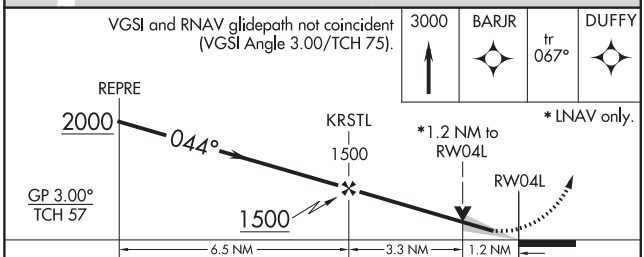
MISSED APPROACH: (Do not exceed 210K until BARJR) Climb to 3000 direct BARJR and track 067° to DUFFY and hold.

D-ATIS (ARR/DEP)	(ARR-NE)	(ARR-SW)	NEW YORK APP CON		KENNEDY TOWER			GND CON	CLNC DEL	CPDLC
128.725	117.7	115.4	128.125	269.0	Rwys 4R/22L and 13L/31R Rwys 4L/22R and 13R/31L	119.1 123.9	281.55 281.55	121.9 348.6	135.05 348.6	

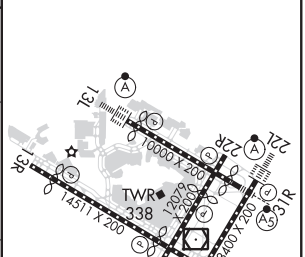


ELEV 13 | D | TDZE 13

VGSI and RNAV glidepath not coincident (VGSI Angle 3.00/TCH 75).



CATEGORY	A	B	C	D
LPV DA	232/40 219 (300-¾)			
LNAV/VNAV DA	329/50 316 (400-1)			
LNAV MDA	480/55 467 (500-1)		480-1⅜ 467 (500-1⅜)	
C CIRCLING	640-1 627 (700-1)		680-1¾ 667 (700-1¾)	680-2 667 (700-2)



REIL Rwy 4L
RLLS Rwys 13L and 13R
HIRL all Rwys
TDZ/CL Rwys 4L, 4R, 13L, 22L and 31R

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

WAAS CH 81819 W04B	APP CRS 044°	Rwy ldg 8400 TDZE 12 Apt Elev 13

RNAV (GPS) Y RWY 4R
JOHN F KENNEDY INTL (JFK)

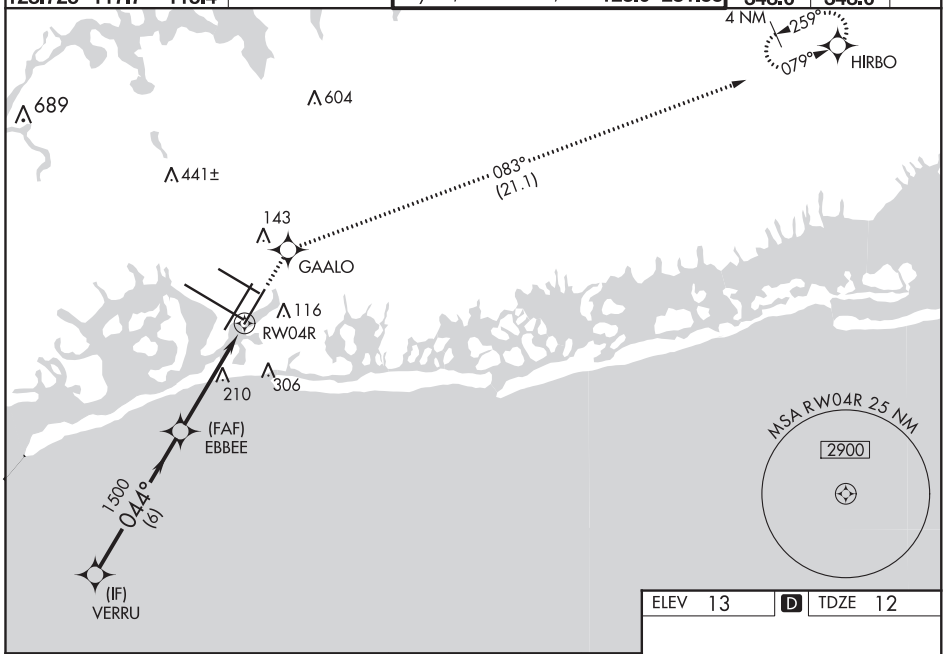
RNP APCH.

Simultaneous approach authorized. LNAV procedure NA during simultaneous operations. Use of FD or AP providing RNAV track guidance required during simultaneous operations. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -12°C or above 54°C. For inop ALS, increase LNAV/VNAV all Cats visibility to RVR 6000 and LNAV Cat C/D visibility to 1⅜ SM.

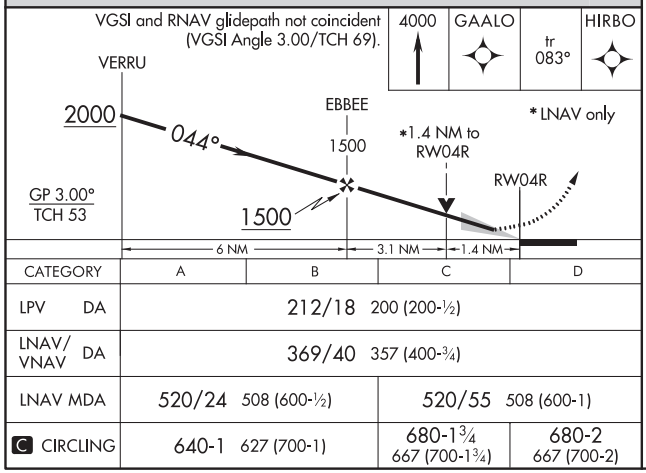
ALSF-2

MISSED APPROACH: (Do not exceed 210K until GAALO) Climb to 4000 direct GAALO and on track 083° to HIRBO and hold.

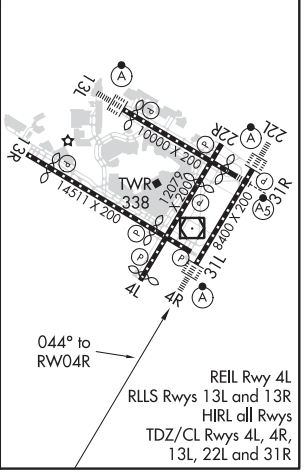
D-ATIS (ARR/DEP)	(ARR-NE)	(ARR-SW)	NEW YORK APP CON		KENNEDY TOWER		GND CON	CLNC DEL	CPDLC
128.725	117.7	115.4	128.125	269.0	Rwys 4R/22L and 13L/31R Rwys 4L/22R and 13R/31L	119.1 281.55 123.9 281.55	121.9 348.6	135.05 348.6	



ELEV 13 D TDZE 12



CATEGORY	A	B	C	D
LPV DA	212/18 200 (200-½)			
LNAV/VNAV DA	369/40 357 (400-¾)			
LNAV MDA	520/24 508 (600-½)		520/55 508 (600-1)	
C CIRCLING	640-1 627 (700-1)		680-1¾ 667 (700-1¾)	680-2 667 (700-2)



NE-2, 10 SEP 2020 to 05 NOV 2020
NE-2, 10 SEP 2020 to 05 NOV 2020

RNAV (GPS) Y RWY 22L
JOHN F KENNEDY INTL (JFK)

WAAS CH 97318 W22A	APP CRS 224°	Rwy ldg 8400 TDZE 12 Apt Elev 13

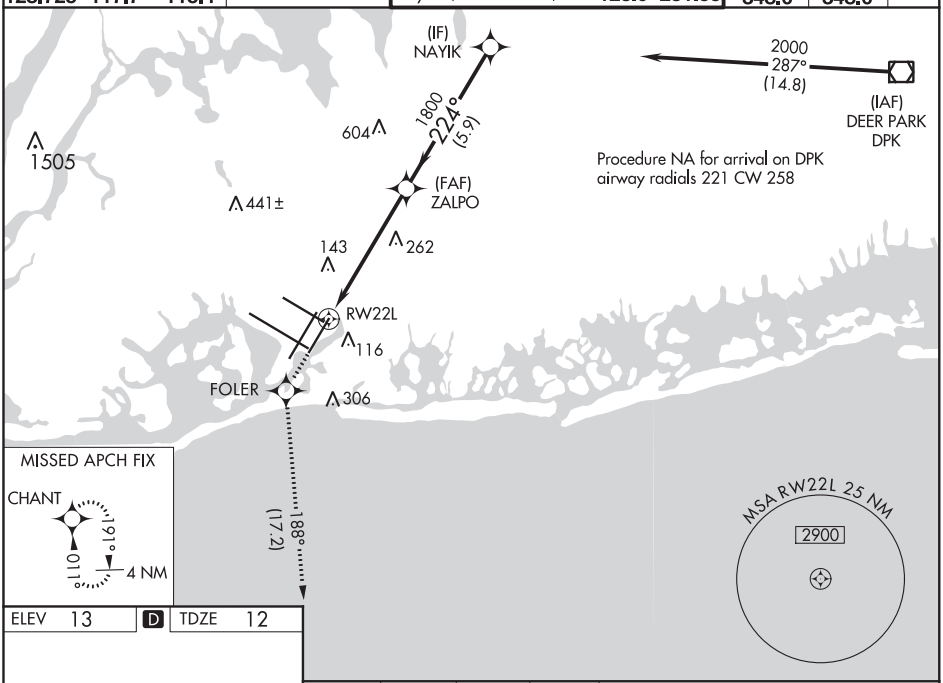
RNP APCH.

T Simultaneous approach authorized. LNAV procedure NA during simultaneous operations. Use of FD or AP providing RNAV track guidance required during simultaneous operations. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -12°C or above 54°C. For inop ALS, increase LNAV/VNAV all Cats visibility to RVR 6000.

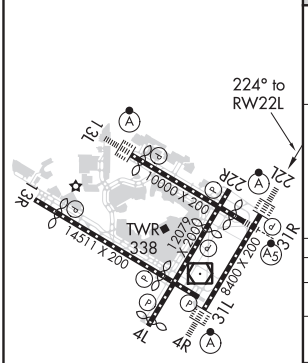
ALSF-2

MISSED APPROACH: Climb to 3000 direct FOLER and on track 188° to CHANT and hold.

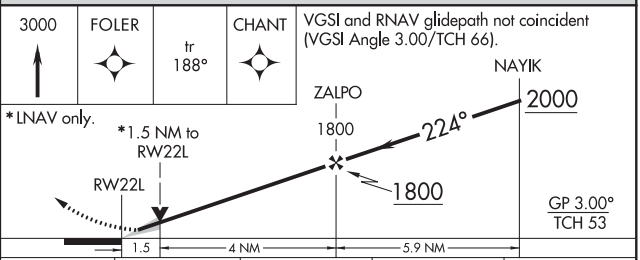
D-ATIS (ARR/DEP)	(ARR-NE)	(ARR-SW)	NEW YORK APP CON		KENNEDY TOWER		GND CON	CLNC DEL	CPDLC
128.725	117.7	115.4	128.125	269.0	Rwys 4R/22L and 13L/31R Rwys 4L/22R and 13R/31L	119.1 281.55 123.9 281.55	121.9 348.6	135.05 348.6	



ELEV 13	D	TDZE 12



REIL Rwy 4L
RLLS Rwys 13L and 13R
HIRL all Rwys
TDZ/CL Rwys 4L, 4R, 13L, 22L and 31R



CATEGORY	A	B	C	D
LPV DA	269/18 257 (300-½)			
LNAV/VNAV DA	419/50 407 (500-1)			
LNAV MDA	560/24 548 (600-½)		560/60 548 (600-1¼)	
C CIRCLING	640-1 627 (700-1)		680-1¾ 667 (700-1¾)	680-2 667 (700-2)

NE-2, 10 SEP 2020 to 05 NOV 2020

WAAS CH 50119 W31A	APP CRS 314°	Rwy ldg 11248 TDZE 13 Apt Elev 13

RNAV (GPS) Y RWY 31L

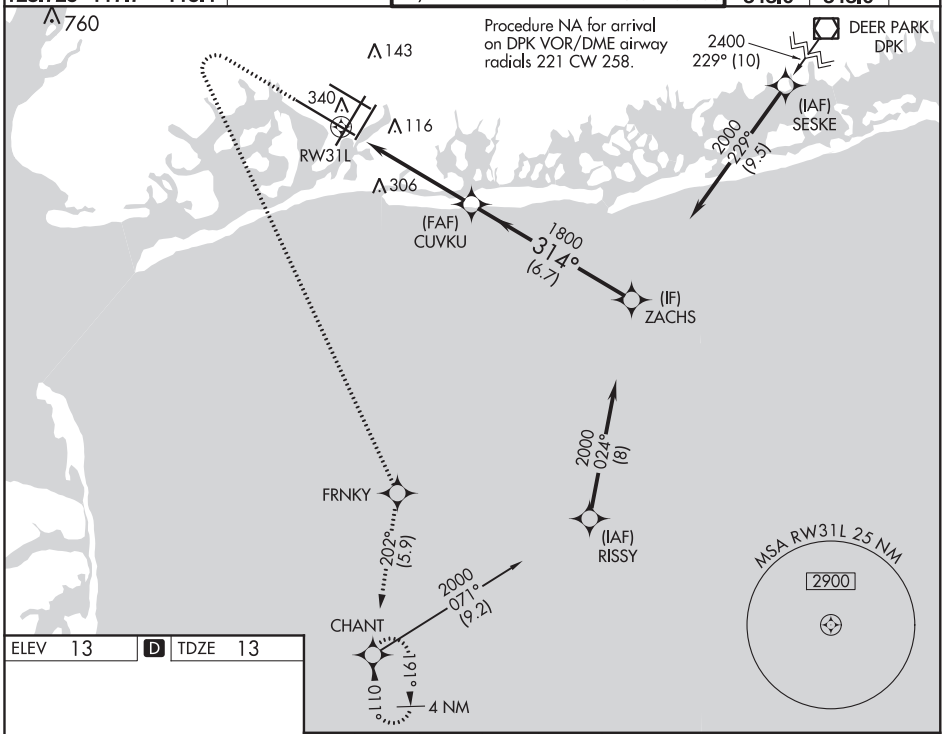
JOHN F KENNEDY INTL (JFK)

RNP APCH.

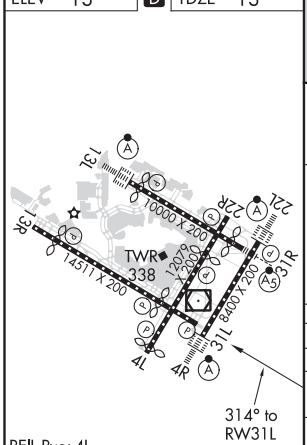
Simultaneous approach authorized. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -12°C or above 54°C. Use of FD or AP required during simultaneous operations. LNAV procedure NA during simultaneous operations.

MISSED APPROACH: Climb to 500 then climbing left turn to 3000 direct FRNKY and on track 202° to CHANT and hold.

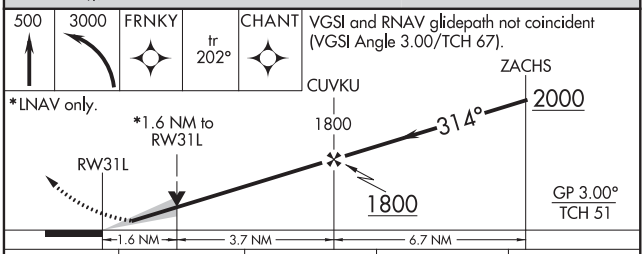
D-ATIS (ARR/DEP)	(ARR-NE)	(ARR-SW)	NEW YORK APP CON		KENNEDY TOWER		GND CON	CLNC DEL	CPDLC
128.725	117.7	115.4	128.125	269.0	Rwys 4R/22L and 13L/31R 119.1 281.55 Rwys 4L/22R and 13R/31L 123.9 281.55		121.9 348.6	135.05 348.6	



ELEV 13 | D | TDZE 13



REIL Rwy 4L
RLLS Rwys 13L and 13R
HIRL all Rwys
TDZ/CL Rwys 4L, 4R, 13L, 22L and 31R



CATEGORY	A	B	C	D
LPV DA	213/40 200 (200-¾)			
LNAV/VNAV DA	541-1¾ 528 (600-1¾)			
LNAV MDA	600/55 587 (600-1)		600-1¾ 587 (600-1¾)	
C CIRCLING	640-1 627 (700-1)		680-1¾ 667 (700-1¾)	680-2 667 (700-2)

NE-2, 10 SEP 2020 to 05 NOV 2020
NE-2, 10 SEP 2020 to 05 NOV 2020

NEW YORK, NEW YORK | AL-610 (FAA) | 20254

RNAV (GPS) Y RWY 31R

JOHN F KENNEDY INTL (JFK)

WAAS CH 45519 W31B	APP CRS 314°	Rwy ldg 8486 TDZE 13 Apt Elev 13

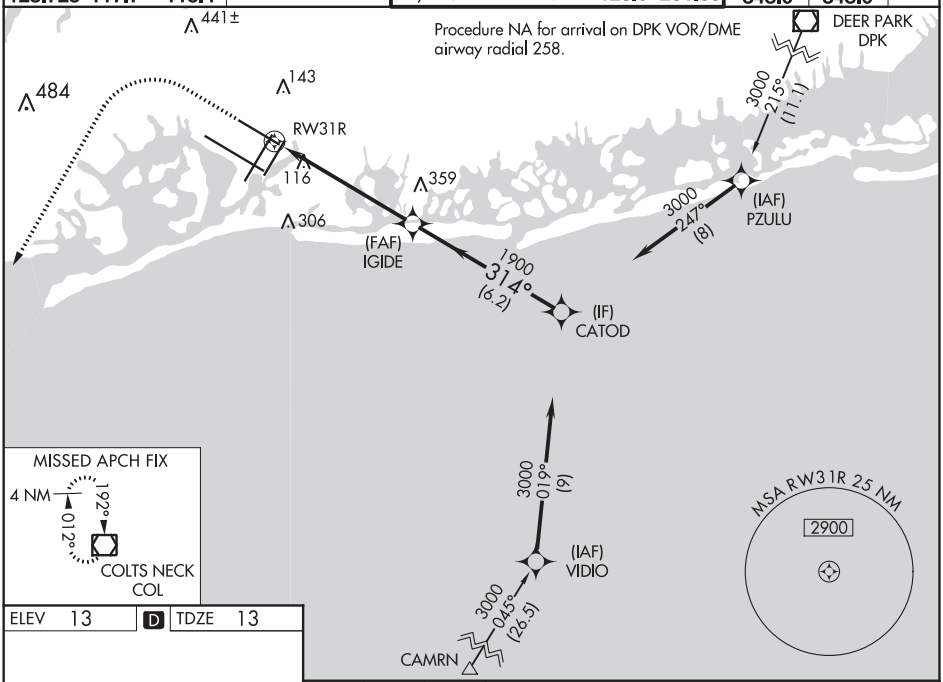
RNP APCH.

T Simultaneous approach authorized. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -12°C or above 54°C. Minimum altitude at CATOD 2000 when authorized by ATC. Use of FD or AP required during simultaneous operations. LNAV procedure NA during simultaneous operations. For inop ALS, increase LNAV/VNAV all Cats visibility to RVR 5500.

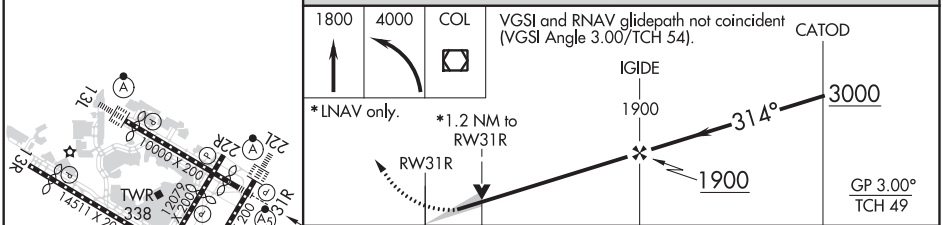
MALSR

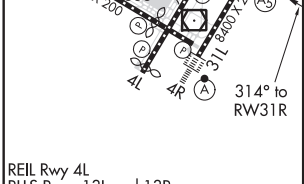
MISSED APPROACH: Climb to 1800 then climbing left turn to 4000 direct COL VOR/DME and hold.

D-ATIS (ARR/DEP)	(ARR-NE)	(ARR-SW)	NEW YORK APP CON		KENNEDY TOWER		GND CON	CLNC DEL	CPDLC
128.725	117.7	115.4	128.125	269.0	Rwys 4R/22L and 13L/31R Rwys 4L/22R and 13R/31L	119.1 281.55 123.9 281.55	121.9 348.6	135.05 348.6	



ELEV 13	D	TDZE 13





CATEGORY	A	B	C	D
LPV DA	213/18 200 (200-½)			
LNAV/VNAV DA	369/35 356 (400-⅝)			
LNAV MDA	460/24 447 (500-½)		460/45 447 (500-⅞)	
C CIRCLING	640-1 627 (700-1)		680-1¾ 667 (700-1¾)	680-2 667 (700-2)

REIL Rwy 4L
RLLS Rwys 13L and 13R
HIRL all Rwys
TDZ/CL Rwys 4L, 4R, 13L, 22L and 31R

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

RNAV (GPS) Z RWY 13L
JOHN F KENNEDY INTL (JFK)

APP CRS	Rwy ldg	9093
043°	TDZE	13
	Apt Elev	13

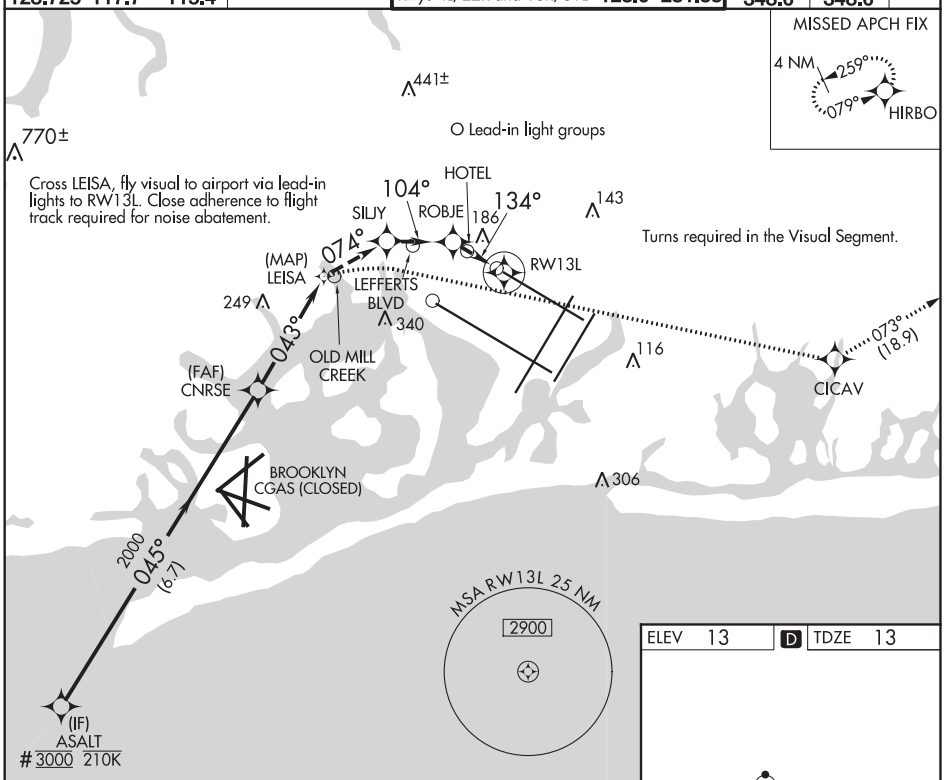
RNP APCH.

Any inop lead-in light bank out of service increase visibility to 4 SM. RADAR required.

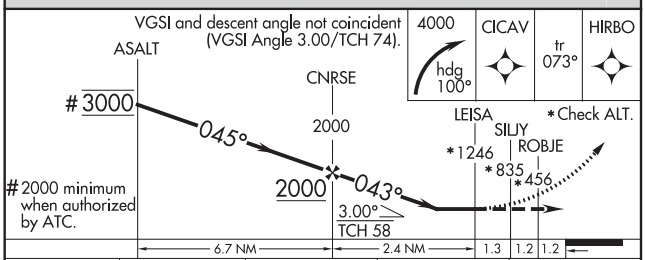
ALSF-2

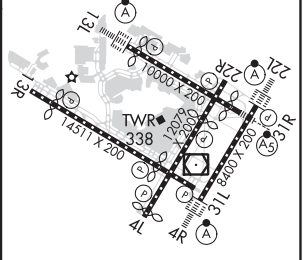
MISSED APPROACH: (Do not exceed 240K until CICAV). Climbing right turn to 4000 on heading 100°, when able direct CICAV and track 073° to HIRBO and hold. (ALTERNATE MISSED, go around or balked landing instructions: climb to 4000 along the depicted visual track to RW13L then direct to CICAV then on depicted route).

D-ATIS (ARR/DEP)	(ARR-NE)	(ARR-SW)	NEW YORK APP CON		KENNEDY TOWER			GND CON	CLNC DEL	CPDLC
128.725	117.7	115.4	128.125	269.0	Rwys 4R/22L and 13L/31R	119.1	281.55	121.9	135.05	
					Rwys 4L/22R and 13R/31L	123.9	281.55	348.6	348.6	



ELEV	13	D	TDZE	13





CATEGORY	A	B	C	D
LNAV MDA	1260-2 1247 (1300-2)			
CIRCLING	NA			

REIL Rwy 4L
RLLS Rwys 13L and 13R
HIRL all Rwys
TDZ/CL Rwys 4L, 4R, 13L, 22L and 31R

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

NEW YORK, NEW YORK | AL-610 (FAA) | 20254

VOR RWY 22L

JOHN F KENNEDY INTL (JFK)

VOR/DME JFK	APP CRS	Rwy ldg 8400
115.9	232°	TDZE 12
Chan 106		Apt Elev 13

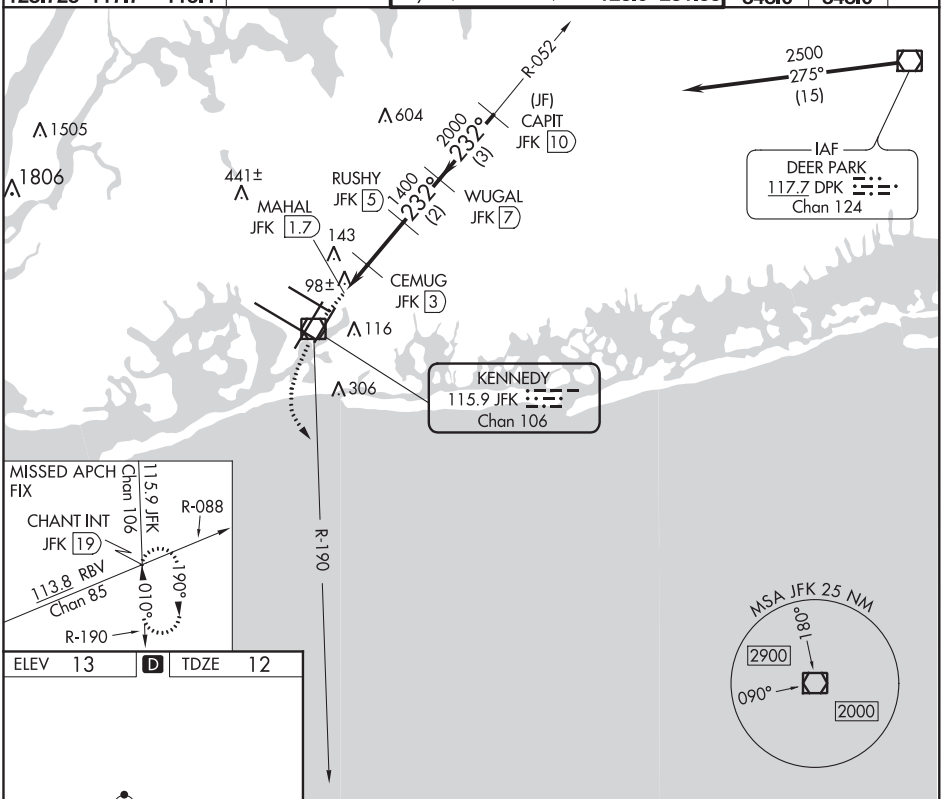
DME required.

Rwy 22L helicopter visibility reduction below 1 SM NA.
For inop ALS, increase S-22L Cat A/B visibility to RVR 5500.

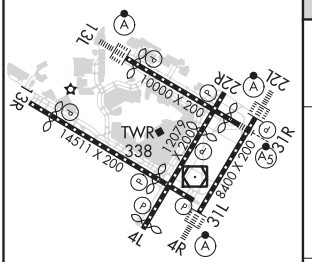
ALSF-2

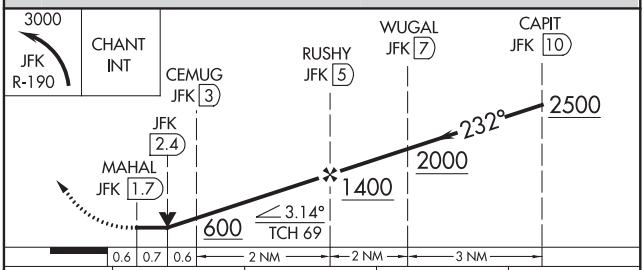
MISSED APPROACH: Climbing left turn to 3000 on JFK VOR/DME R-190 to CHANT INT/19 DME and hold.

D-ATIS (ARR/DEP)	(ARR-NE)	(ARR-SW)	NEW YORK APP CON	KENNEDY TOWER		GND CON	CLNC DEL	CPDLC
128.725	117.7	115.4	128.125	269.0	Rwys 4R/22L and 13L/31R 119.1 281.55 Rwys 4L/22R and 13R/31L 123.9 281.55	121.9 348.6	135.05 348.6	



ELEV 13	D	TDZE 12





CATEGORY	A	B	C	D
S-22L	440/40 428 (500-¾)			440/50 428 (500-1)
C CIRCLING	640-1 627 (700-1)		680-1¾ 667 (700-1¾)	680-2 667 (700-2)

REIL Rwy 4L
RLLS Rwys 13L and 13R
HIRL all Rwys
TDZ/CL Rwys 4L, 4R, 13L, 22L and 31R

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

VOR or GPS RWY 13L/R

JOHN F KENNEDY INTL (JFK)

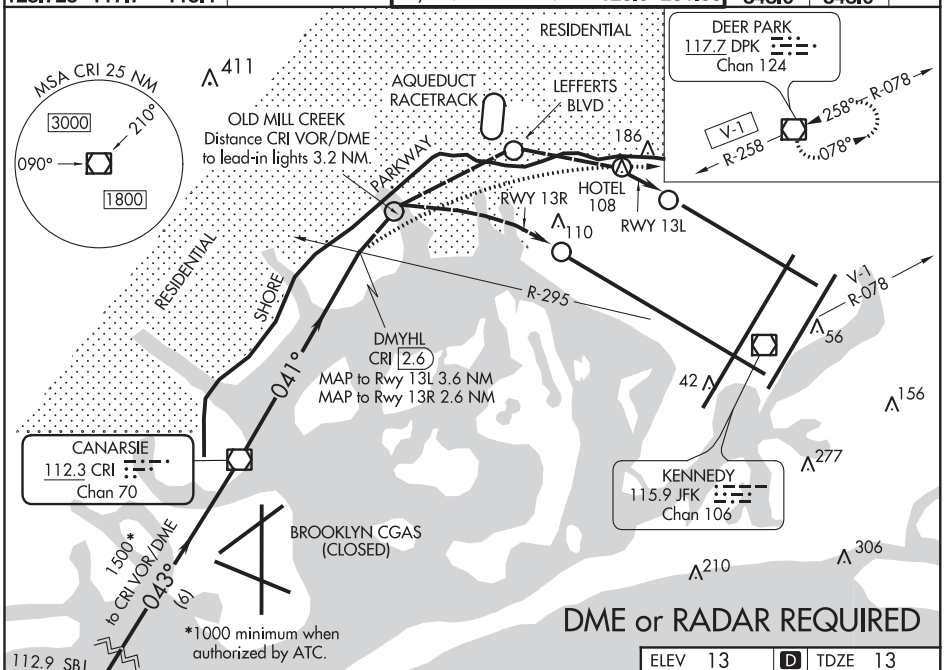
VOR/DME CRI	APP CRS	Rwy ldg 13R	12468
112.3	041°	TDZE 13L	9093
Chan 70		Apt Elev	13
			13

For inop lead-in lights, procedure NA.

Rwy13L ALSF-2

MISSED APPROACH: At or beyond MAP, climbing right turn to 4000 on heading 100° and V-1 to DPK VOR/DME and hold.

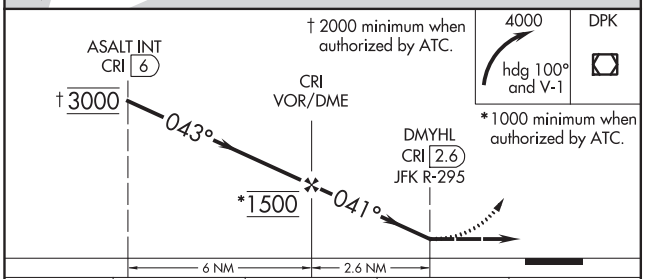
D-ATIS (ARR/DEP)	(ARR-NE)	(ARR-SW)	NEW YORK APP CON		KENNEDY TOWER		GND CON	CLNC DEL	CPDLC
128.725	117.7	115.4	128.125	269.0	Rwys 4R/22L and 13L/31R 119.1	281.55	121.9	135.05	
					Rwys 4L/22R and 13R/31L 123.9	281.55	348.6	348.6	



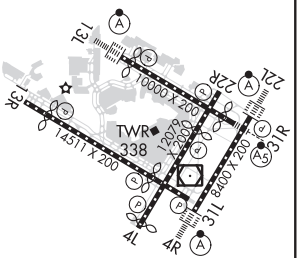
DME or RADAR REQUIRED

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020



ELEV 13	D	TDZE 13



REIL Rwy 4L
RLLS Rwys 13L and 13R
HIRL all Rwys
TDZ/CL Rwys 4L, 4R, 13L, 22L and 31R

CATEGORY	A	B	C	D
RLLS-13L	800-2	787 (800-2)	800-2¼ 787 (800-2¼)	800-2½ 787 (800-2½)
RLLS-13R	800-2	787 (800-2)	800-2¼ 787 (800-2¼)	800-2½ 787 (800-2½)

FAF to MAP 2.6 NM					
Knots	60	90	120	150	180
Min:Sec	2:36	1:44	1:18	1:02	0:52

NEW YORK, NEW YORK

AL-610 (FAA)

20254

VOR RWY 4L

JOHN F KENNEDY INTL (JFK)

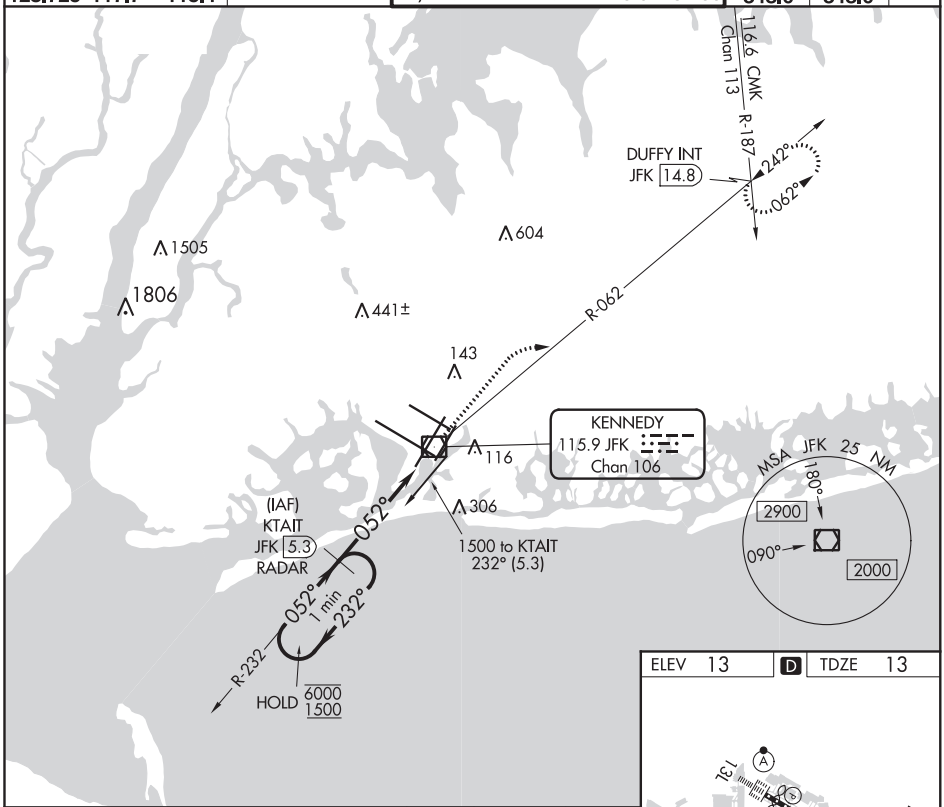
VOR/DME JFK	APP CRS	Rwy ldg	11010
115.9	052°	TDZE	13
Chan 106		Apt Elev	13

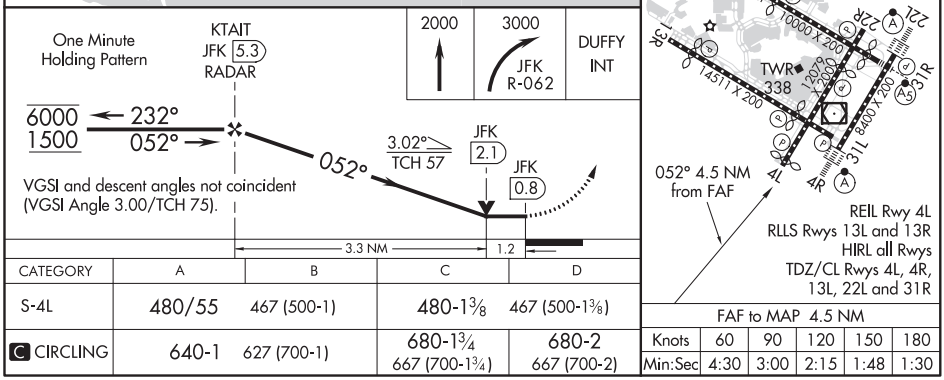
DME or RADAR required for procedure entry.

T

MISSED APPROACH: Climb to 2000 then climbing right turn to 3000 on JFK VOR/DME R-062 to DUFFY INT/JFK 14.8 DME and hold.

D-ATIS (ARR/DEP)	(ARR-NE)	(ARR-SW)	NEW YORK APP CON		KENNEDY TOWER		GND CON	CLNC DEL	CPDLC
128.725	117.7	115.4	128.125	269.0	Rwys 4R/22L and 13L/31R	119.1 281.55	121.9	135.05	
					Rwys 4L/22R and 13R/31L	123.9 281.55	348.6	348.6	





CATEGORY	A	B	C	D
S-4L	480/55	467 (500-1)	480-1⅜	467 (500-1⅜)
C CIRCLING	640-1	627 (700-1)	680-1¾ 667 (700-1¾)	680-2 667 (700-2)

FAF to MAP 4.5 NM					
Knots	60	90	120	150	180
Min:Sec	4:30	3:00	2:15	1:48	1:30

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

NEW YORK, NEW YORK
Amdt 1B 21MAY20

40°38′N-73°47′W

JOHN F KENNEDY INTL (JFK)
VOR RWY 4L

VOR RWY 4R
JOHN F KENNEDY INTL (JFK)

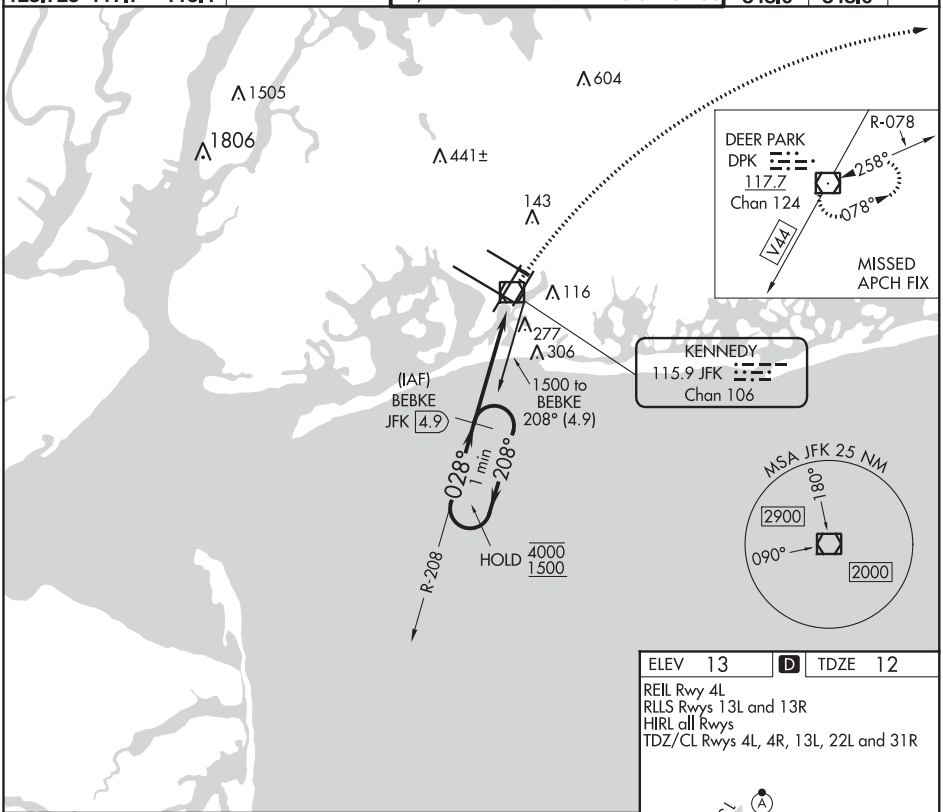
VOR/DME JFK	APP CRS	Rwy ldg	8400
115.9	028°	TDZE	12
Chan 106		Apt Elev	13

DME or RADAR required for procedure entry.

ALSF-2

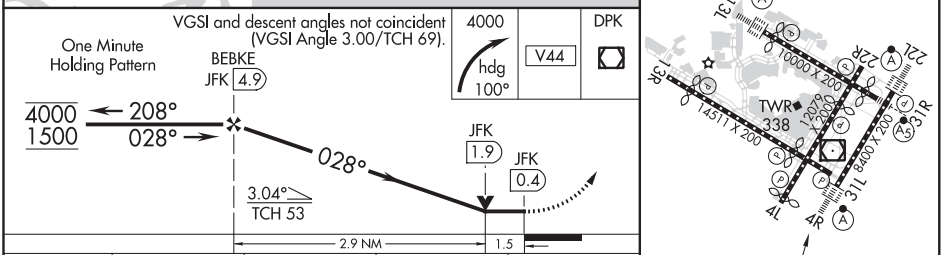
MISSED APPROACH: Climbing right turn to 4000 on heading 100° and V44 to DPK VOR/DME and hold.

D-ATIS (ARR/DEP)	(ARR-NE)	(ARR-SW)	NEW YORK APP CON		KENNEDY TOWER		GND CON	CLNC DEL	CPDLC
128.725	117.7	115.4	128.125	269.0	Rwys 4R/22L and 13L/31R	119.1 281.55	121.9	135.05	
					Rwys 4L/22R and 13R/31L	123.9 281.55	348.6	348.6	



ELEV 13	D	TDZE 12

REIL Rwy 4L
RLLS Rwys 13L and 13R
HIRL all Rwys
TDZ/CL Rwys 4L, 4R, 13L, 22L and 31R



CATEGORY	A	B	C	D
S-4R	540/24	528 (600-½)	540/50 528 (600-1)	540/60 528 (600-1¼)
C CIRCLING	640-1	627 (700-1)	680-1¾ 667 (700-1¾)	680-2 667 (700-2)

FAF to MAP 4.4 NM

Knots	60	90	120	150	180
Min:Sec	4:24	2:56	2:12	1:46	1:28

NEW YORK, NEW YORK | AL-610 (FAA) | 20254

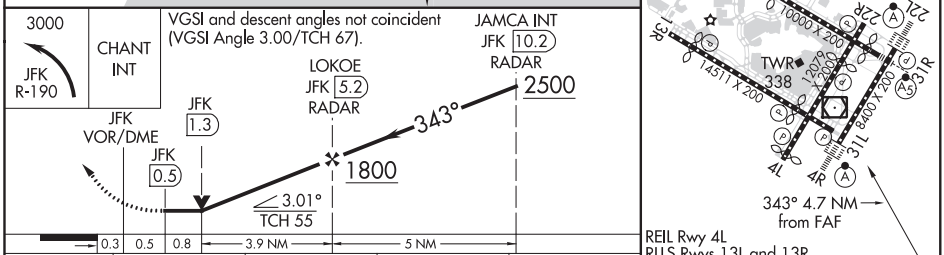
VOR RWY 31L

JOHN F KENNEDY INTL (JFK)

VOR/DME JFK	APP CRS	Rwy ldg	11248
115.9	343°	TDZE	13
Chan 106		Apt Elev	13

MISSED APPROACH: Climbing left turn to 3000 via JFK R-190 to CHANT INT/JFK 19 DME and hold.

D-ATIS (ARR/DEP)	(ARR-NE)	(ARR-SW)	NEW YORK APP CON		KENNEDY TOWER		GND CON	CLNC DEL	CPDLC
128.725	117.7	115.4	128.125	269.0	Rwys 4R/22L and 13L/31R 119.1	281.55	121.9	135.05	
					Rwys 4L/22R and 13R/31L 123.9	281.55	348.6	348.6	



REIL Rwy 4L
RLLS Rwys 13L and 13R
HIRL all Rwys
TDZ/CL Rwys 4L, 4R, 13L, 22L and 31R

CATEGORY	A	B	C	D
S-31L	560/50 547 (600-1)		560-1½ 547 (600-1½)	560-1¾ 547 (600-1¾)
C CIRCLING	640-1 627 (700-1)		640-1¾ 627 (700-1¾)	660-2 647 (700-2)

FAF to MAP 4.7 NM					
Knots	60	90	120	150	180
Min:Sec	4:42	3:08	2:21	1:53	1:34

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

APP CRS	Rwy ldg	N/A
027°	TDZE	N/A
	Apt Elev	N/A

COPTER RNAV (GPS) 027°

JOHN F KENNEDY INTL (JFK)

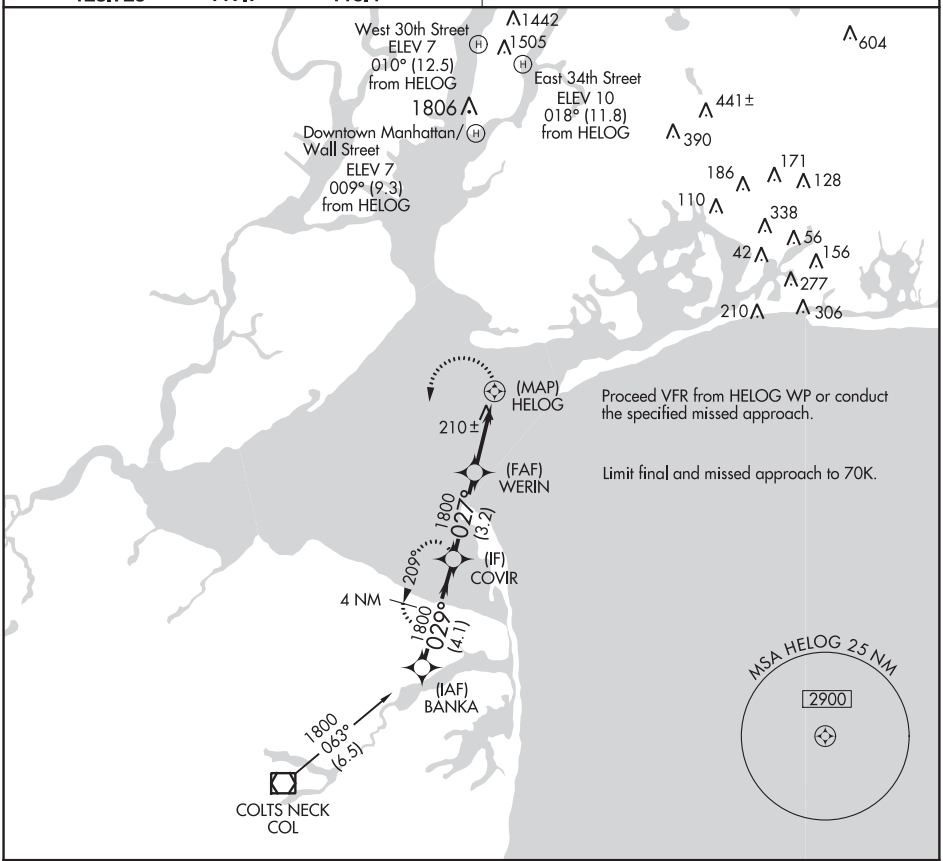
RNP APCH.

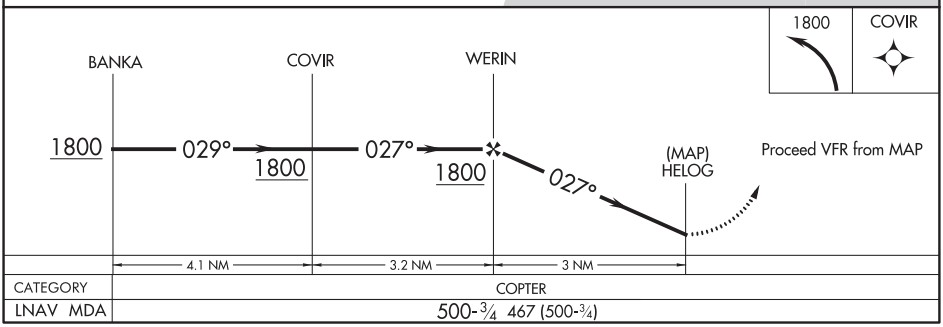
NA

Use John F Kennedy Intl altimeter setting.

MISSED APPROACH: Climbing left turn to 1800 direct COVIR and hold.

D-ATIS (ARR/DEP)	(ARR-NE)	(ARR-SW)	NEW YORK APP CON
128.725	117.7	115.4	128.125 269.0





CATEGORY	COPTER
LNAV MDA	500-¾ 467 (500-¾)

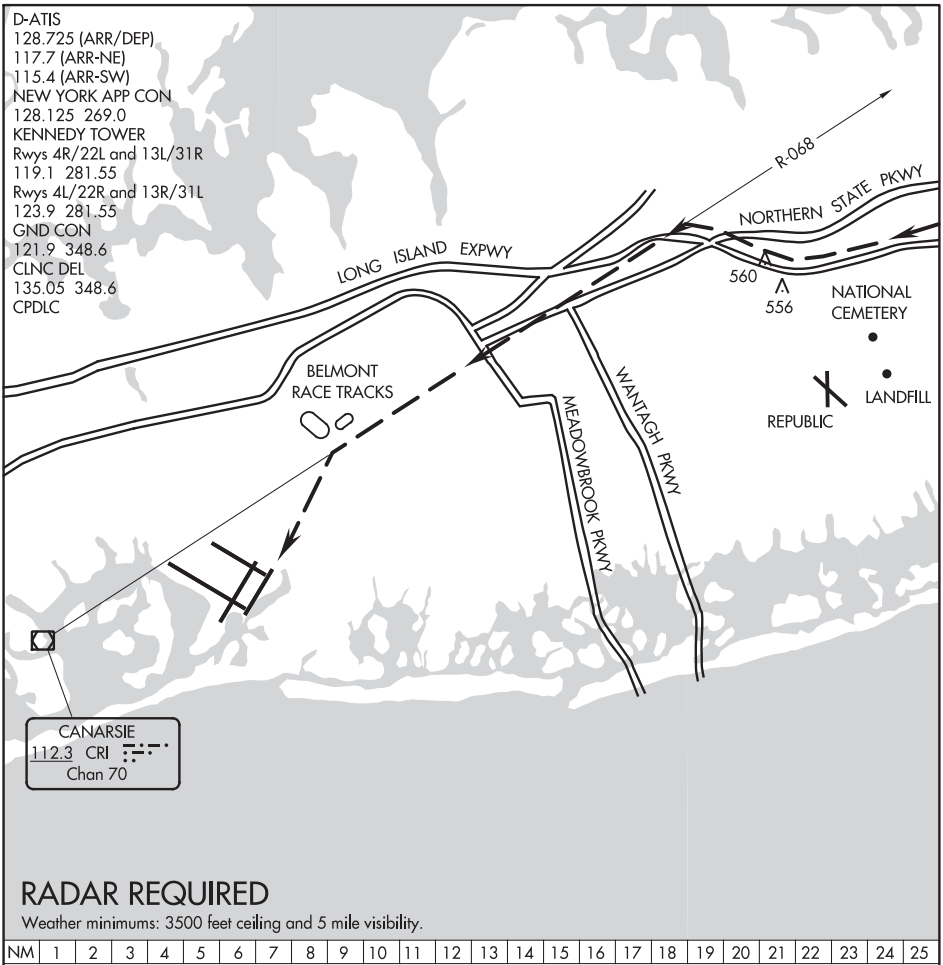
NE-2, 10 SEP 2020 to 05 NOV 2020

18032

AL-610 (FAA)

BELMONT VISUAL RWY 22L

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



RADAR REQUIRED

Weather minimums: 3500 feet ceiling and 5 mile visibility.

NM	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25

BELMONT VISUAL RUNWAY 22L

When cleared for the Belmont Visual Approach to Runway 22L, follow the Long Island Expressway westbound until intercepting CRI R-068 at 3000′. Navigate on CRI R-068 till abeam Belmont Race Track at 1600′. Remain east of Belmont Race Track and proceed direct to JFK Runway 22L.

NE-2, 10 SEP 2020 to 05 NOV 2020

BELMONT VISUAL RWY 22L

40°38′N-73°47′W

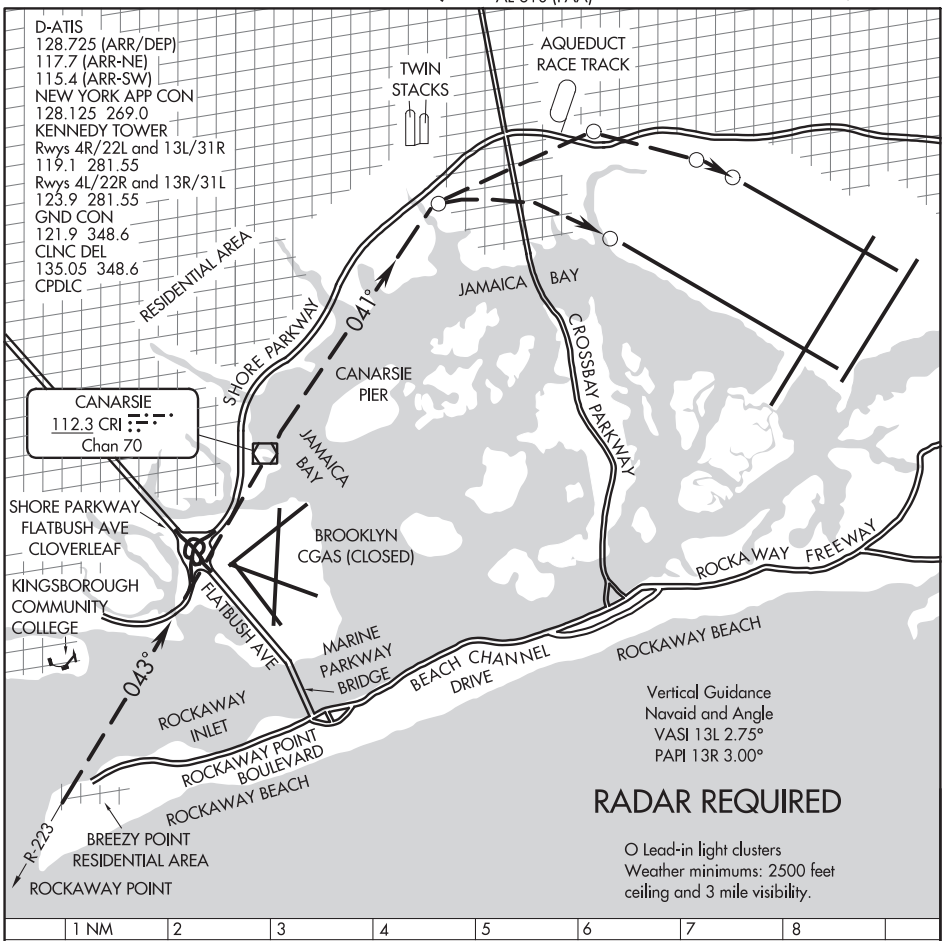
NEW YORK, NEW YORK
JOHN F KENNEDY INTL (JFK)

Orig 12JUL01

PARKWAY VISUAL RWY 13L/R

AL-610 (FAA)

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



NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

PARKWAY VISUAL RUNWAY 13L/R

When cleared for Parkway Visual to Runway 13L/R maintain at or above 2000′ until abeam Rockaway Point. Remain west of Rockaway Point, thence east of Kingsborough Community College. Remain east of the Shore Parkway. Cross Brooklyn Coast Guard Air Station at or above 1500′. Remain east of the Shore Parkway until Canarsie Pier.

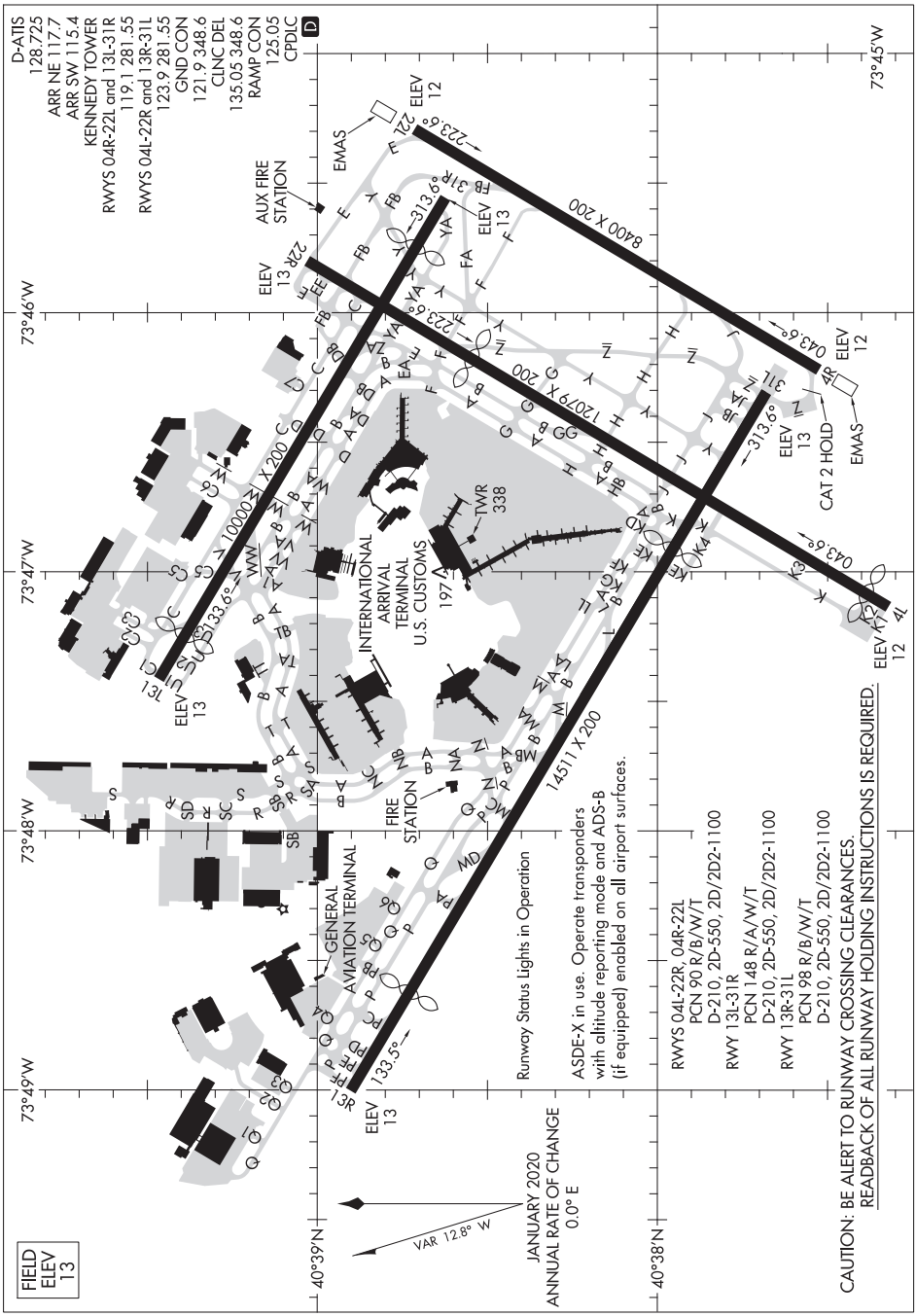
Runway 13R continue descent between the Canarsie Pier and Twin Stacks.
Runway 13L continue descent after passing the Twin Stacks.

20254

AIRPORT DIAGRAM

AL-610 (FAA)

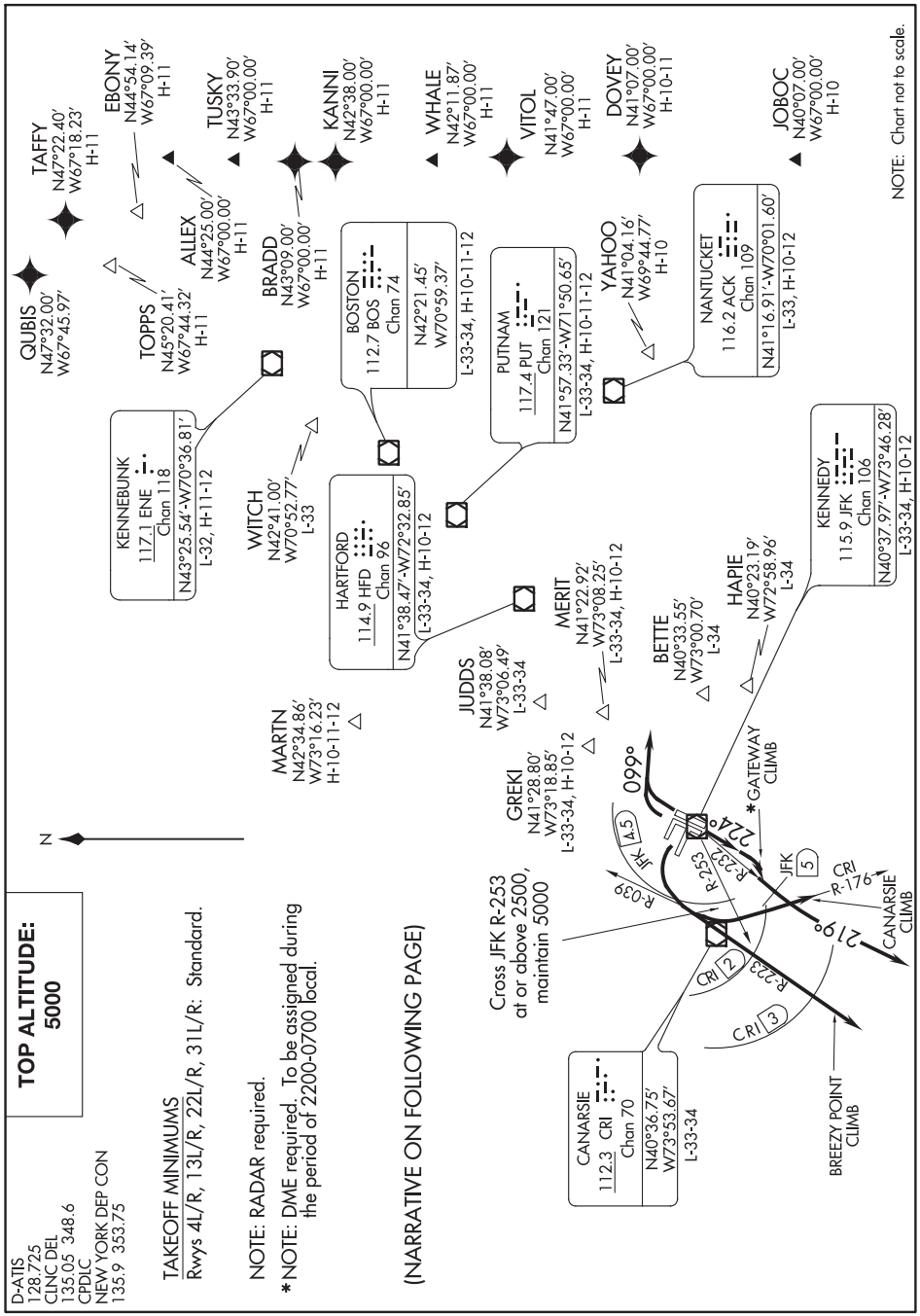
JOHN F. KENNEDY INTL (JFK)
NEW YORK, NEW YORK



NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

AIRPORT DIAGRAM
20254
NEW YORK, NEW YORK
JOHN F. KENNEDY INTL (JFK)


NE-2, 10 SEP 2020 to 05 NOV 2020
TOP ALTITUDE: 5000
D-ATIS
128.725
CLNC DEL
135.05 348.6
CPDLC
NEW YORK DEP CON
135.9 353.75
TAKEOFF MINIMUMS
Rwys 4L/R, 13L/R, 22L/R, 31L/R: Standard.
NOTE: RADAR required.
* NOTE: DME required. To be assigned during the period of 2200-0700 local.
(NARRATIVE ON FOLLOWING PAGE)
N
QUBIS N47°32.00' W67°45.97'
TAFFY N47°22.40' W67°18.23' H-11
EBONY N44°54.14' W67°09.39' H-11
TUSKY N43°33.90' W67°00.00' H-11
KANNI N42°38.00' W67°00.00' H-11
WHALE N42°11.87' W67°00.00' H-11
VITOL N41°47.00' W67°00.00' H-11
DOVEY N41°07.00' W67°00.00' H-10-11
JOBOC N40°07.00' W67°00.00' H-10
TOPPS N45°20.41' W67°44.32' H-11
ALLEX N44°25.00' W67°00.00' H-11
BRADD N43°09.00' W67°00.00' H-11
YAHOO N41°04.16' W69°44.77' H-10
KENNEBUNK 117.1 ENE Chan 118 N43°25.54'-W70°36.81' L-32, H-11-12
WITCH N42°41.00' W70°52.77' L-33
BOSTON 112.7 BOS Chan 74 N42°21.45' W70°59.37' L-33-34, H-10-11-12
PUTNAM 117.4 PUT Chan 121 N41°57.33'-W71°50.65' L-33-34, H-10-11-12
NANTUCKET 116.2 ACK Chan 109 N41°16.91'-W70°01.60' L-33, H-10-12
HARTFORD 114.9 HFD Chan 96 N41°38.47'-W72°32.85' L-33-34, H-10-12
KENNEDY 115.9 JFK Chan 106 N40°37.97'-W73°46.28' L-33-34, H-10-12
MARTN N42°34.86' W73°16.23' H-10-11-12
JUDDS N41°38.08' W73°06.49' L-33-34
MERIT N41°22.92' W73°08.25' L-33-34, H-10-12
BETTE N40°33.55' W73°00.70' L-34
HAPIE N40°23.19' W72°58.96' L-34
GREKI N41°28.80' W73°18.85' L-33-34, H-10-12
*GATEWAY CLIMB
Cross JFK R-253 at or above 2500, maintain 5000
CANARSIE 112.3 CRI Chan 70 N40°36.75' W73°53.67' L-33-34
BREEZY POINT CLIMB
CANARSIE CLIMB
NOTE: Chart not to scale.
NE-2, 10 SEP 2020 to 05 NOV 2020

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAYS 4L/R: Climbing right turn heading 099°, thence . . . .

TAKEOFF RUNWAYS 13L/R: Climb on assigned heading, thence . . . .

TAKEOFF RUNWAYS 22L/R: Climb heading 224°, thence . . . .

* GATEWAY CLIMB: Climbing right turn to intercept the JFK R-232 until 5 DME, then turn left heading 219°, thence . . . .

TAKEOFF RUNWAYS 31L/R:

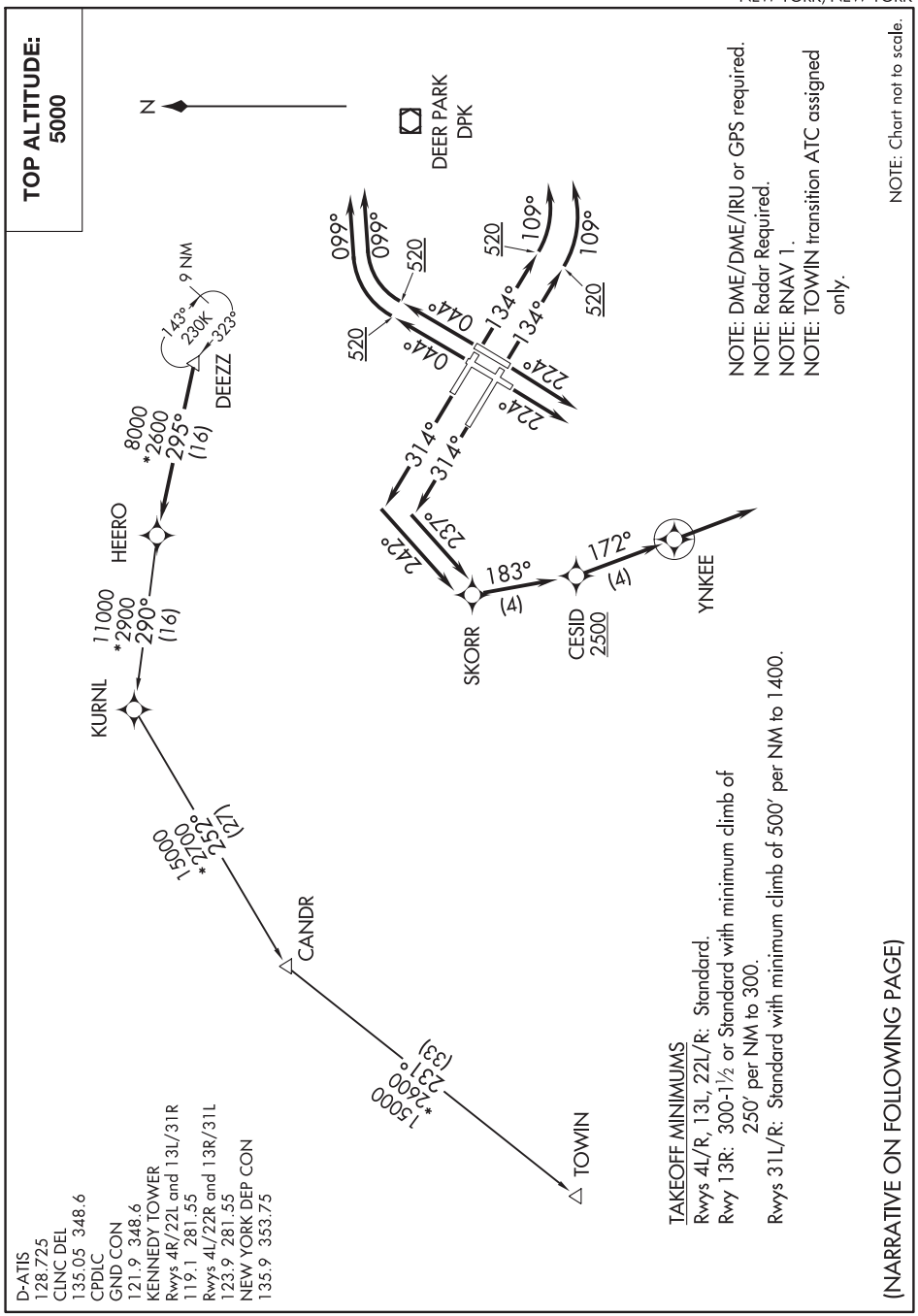
BREEZY POINT CLIMB: Climbing left turn direct CRI VOR/DME. Make turn east of CRI R-039 (remain within JFK 4.5 DME), then via CRI R-223. Cross CRI 3 DME or JFK R-253 at or above 2500, thence . . . .

CANARSIE CLIMB: Climbing left turn direct CRI VOR/DME. Make turn east of CRI R-039 (remain within JFK 4.5 DME), then via CRI R-176. Cross CRI 2 DME or JFK R-253 at or above 2500, thence . . . .

. . . . via RADAR vectors to BETTE, maintain 5000. Expect clearance to filed altitude/flight level ten (10) minutes after departure.

DEEZZ FIVE DEPARTURE (RNAV)

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



NE-2, 10 SEP 2020 to 05 NOV 2020

DEEZZ FIVE DEPARTURE (RNAV)

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

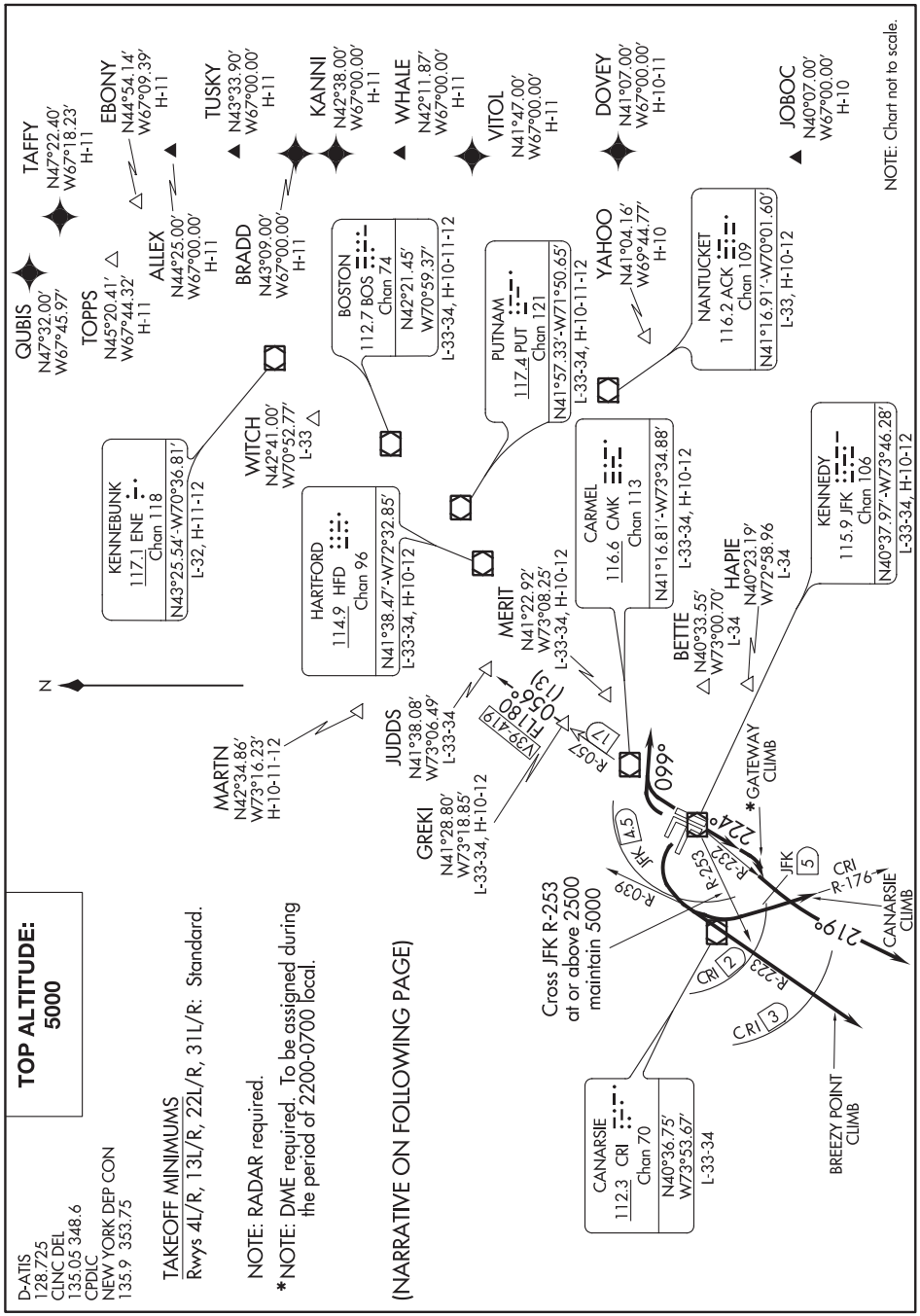
DEPARTURE ROUTE DESCRIPTION

TAKEOFF RWYS 4L/R: Climb heading 044° to 520, then climbing right turn heading 099° or as assigned by ATC, thence . . . .
TAKEOFF RWYS 13L/R: Climb heading 134° to 520, then climbing left turn heading 109° or as assigned by ATC, thence . . . .
TAKEOFF RWYS 22L/R: Climb heading 224° or as assigned by ATC, thence . . . .
TAKEOFF RWY 31L: Climb heading 314° to intercept course 237° to SKORR, then on track 183° to cross CESID at or above 2500, then on track 172° to YNKEE, then on heading 172° or as assigned by ATC, thence . . . .
TAKEOFF RWY 31R: Climb heading 314° to intercept course 242° to SKORR, then on track 183° to cross CESID at or above 2500, then on track 172° to YNKEE, then on heading 172° or as assigned by ATC, thence . . . .

. . . . expect vectors to DEEZZ, then on track 295° to HEERO. Maintain 5000. Expect clearance to filed altitude/flight level within ten (10) minutes after departure.

CANDR TRANSITION (DEEZZ5.CANDR)
TOWIN TRANSITION (DEEZZ5.TOWIN)

NE-2, 10 SEP 2020 to 05 NOV 2020


TOP ALTITUDE: 5000
D-ATIS
128.725
CLNC DEL
135.05 348.6
CPDLC
NEW YORK DEP CON
135.9 353.75
TAKEOFF MINIMUMS
Rwys 4L/R, 13L/R, 22L/R, 31L/R: Standard.
NOTE: RADAR required.
*NOTE: DME required. To be assigned during the period of 2200-0700 local.
(NARRATIVE ON FOLLOWING PAGE)
N
QUBIS N47°32.00' W67°45.97'
TAFFY N47°22.40' W67°18.23' H-11
EBONY N44°54.14' W67°09.39' H-11
TUSKY N43°33.90' W67°00.00' H-11
KANNI N42°38.00' W67°00.00' H-11
WHALE N42°11.87' W67°00.00' H-11
VITOL N41°47.00' W67°00.00' H-11
DOVEY N41°07.00' W67°00.00' H-10-11
JOBOC N40°07.00' W67°00.00' H-10
NOTE: Chart not to scale.
TOPPS N45°20.41' W67°44.32' H-11
ALLEX N44°25.00' W67°00.00' H-11
BRADD N43°09.00' W67°00.00' H-11
BOSTON 112.7 BOS Chan 74 N42°21.45' W70°59.37' L-33-34, H-10-11-12
PUTNAM 117.4 PUT Chan 121 N41°57.33'-W71°50.65' L-33-34, H-10-11-12
YAHOO N41°04.16' W69°44.77' H-10
NANTUCKET 116.2 ACK Chan 109 N41°16.91'-W70°01.60' L-33, H-10-12
KENNEBUNK 117.1 ENE Chan 118 N43°25.54'-W70°36.81' L-32, H-11-12
WITCH N42°41.00' W70°52.77' L-33
HARTFORD 114.9 HFD Chan 96 N41°38.47'-W72°32.85' L-33-34, H-10-12
MERIT N41°22.92' W73°08.25' L-33-34, H-10-12
CARMEL 116.6 CMK Chan 113 N41°16.81'-W73°34.88' L-33-34, H-10-12
KENNEDY 115.9 JFK Chan 106 N40°37.97'-W73°46.28' L-33-34, H-10-12
BETTE N40°33.55' W73°00.70' L-34
HAPIE N40°23.19' W72°58.96 L-34
MARTN N42°34.86' W73°16.23' H-10-11-12
JUDDS N41°38.08' W73°06.49' L-33-34
GREKI N41°28.80' W73°18.85' L-33-34, H-10-12
V39 A19
FL180
050° (131)
R-051
17
660°
122°
*GATEWAY CLIMB
JFK 4.5
R-039
R-253
R-232
JFK 5
CRI R-176
CANARSIE CLIMB
219°
Cross JFK R-253 at or above 2500 maintain 5000
CRI 2
R-223
CRI 3
BREEZY POINT CLIMB
CANARSIE 112.3 CRI Chan 70 N40°36.75' W73°53.67' L-33-34
NE-2, 10 SEP 2020 to 05 NOV 2020

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAYS 4L/R: Climbing right turn heading 099°, thence . . . .

TAKEOFF RUNWAYS 13L/R: Climb on assigned heading, thence . . . .

TAKEOFF RUNWAYS 22L/R: Climb heading 224°, thence . . . .

* GATEWAY CLIMB: Climbing right turn to intercept the JFK R-232 until 5 DME, then turn left heading 219°, thence . . . .

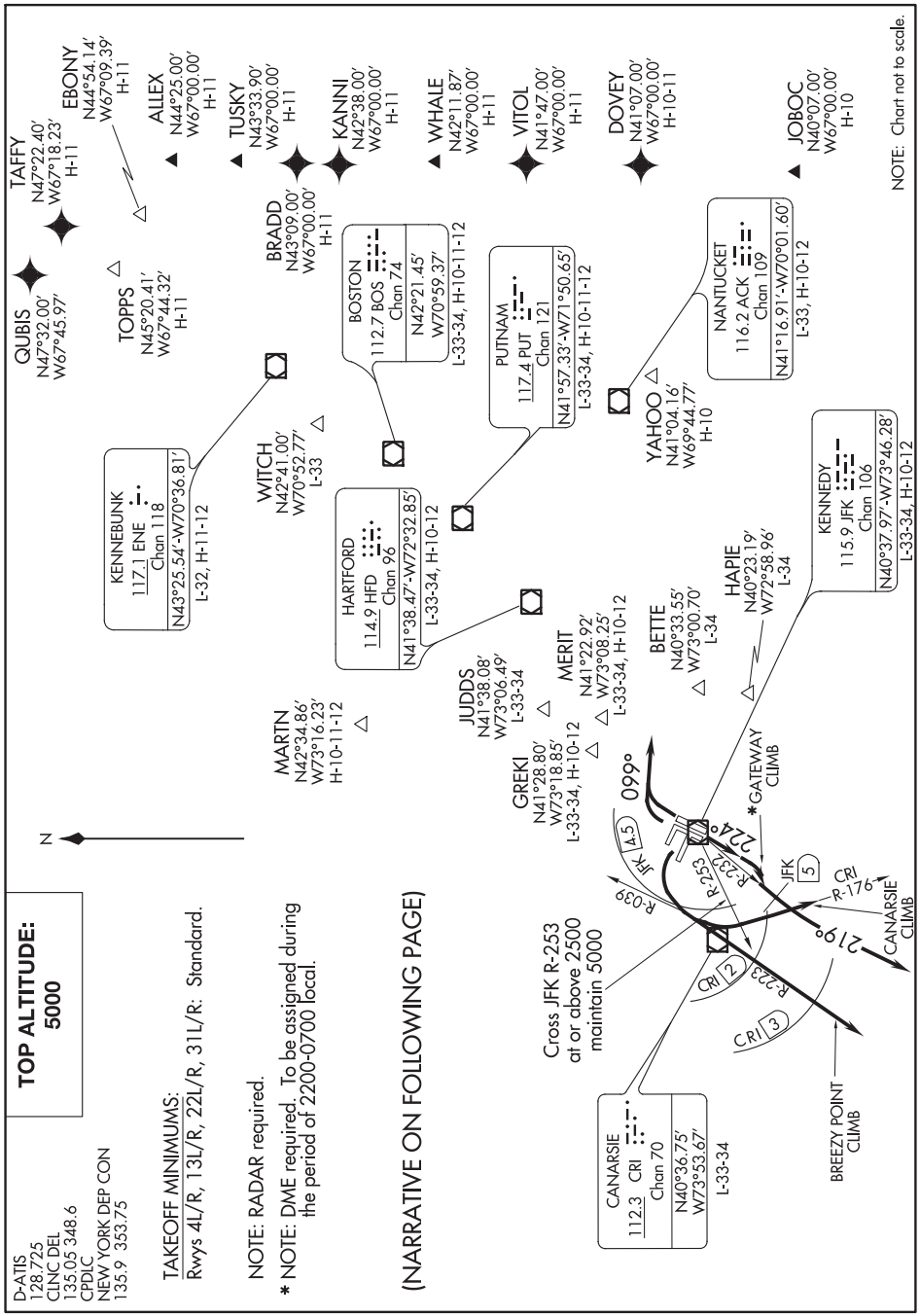
TAKEOFF RUNWAYS 31L/R:

BREEZY POINT CLIMB: Climbing left turn direct CRI VOR/DME. Make turn east of CRI R-039 (remain within JFK 4.5 DME), then via CRI R-223. Cross CRI 3 DME or JFK R-253 at or above 2500, thence . . . .

CANARSIE CLIMB: Climbing left turn direct CRI VOR/DME. Make turn east of CRI R-039 (remain within JFK 4.5 DME), then via CRI R-176. Cross CRI 2 DME or JFK R-253 at or above 2500, thence . . . .

. . . . via RADAR vectors to GREKI, maintain 5000. Expect clearance to filed altitude/flight level ten (10) minutes after departure.

JUDDS TRANSITION (GREKI6.JUDDS): From over GREKI INT to JUDDS INT via CMK R-057.


NOTE: Chart not to scale.
QUBIS N47°32.00' W67°45.97'
TAFFY N47°22.40' W67°18.23' H-11
EBONY N44°54.14' W67°09.39' H-11
TOPPS N45°20.41' W67°44.32' H-11
ALLEX N44°25.00' W67°00.00' H-11
TUSKY N43°33.90' W67°00.00' H-11
BRADD N43°09.00' W67°00.00' H-11
KANNI N42°38.00' W67°00.00' H-11
WHALE N42°11.87' W67°00.00' H-11
VITOL N41°47.00' W67°00.00' H-11
DOVEY N41°07.00' W67°00.00' H-10-11
JOBOC N40°07.00' W67°00.00' H-10
BOSTON 112.7 BOS Chan 74 N42°21.45' W70°59.37' L-33-34, H-10-11-12
PUTNAM 117.4 PUT Chan 121 N41°57.33'-W71°50.65' L-33-34, H-10-11-12
NANTUCKET 116.2 ACK Chan 109 N41°16.91'-W70°01.60' L-33, H-10-12
KENNEBUNK 117.1 ENE Chan 118 N43°25.54'-W70°36.81' L-32, H-11-12
WITCH N42°41.00' W70°52.77' L-33
HARTFORD 114.9 HFD Chan 96 N41°38.47'-W72°32.85' L-33-34, H-10-12
YAHOO N41°04.16' W69°44.77' H-10
KENNEDY 115.9 JFK Chan 106 N40°37.97'-W73°46.28' L-33-34, H-10-12
HAPIE N40°23.19' W72°58.96' L-34
BETTE N40°33.55' W73°00.70' L-34
MERIT N41°22.92' W73°08.25' L-33-34, H-10-12
JUDDS N41°38.08' W73°06.49' L-33-34
GREKI N41°28.80' W73°18.85' L-33-34, H-10-12
MARTN N42°34.86' W73°16.23' H-10-11-12
N
TOP ALTITUDE: 5000
D-ATIS 128.725
CLNC DEL 135.05 348.6
CPDLC
NEW YORK DEP CON 135.9 353.75
TAKEOFF MINIMUMS:
Rwys 4L/R, 13L/R, 22L/R, 31L/R: Standard.
NOTE: RADAR required.
* NOTE: DME required. To be assigned during the period of 2200-0700 local.
(NARRATIVE ON FOLLOWING PAGE)
Cross JFK R-253 at or above 2500 maintain 5000
CANARSIE 112.3 CRI Chan 70 N40°36.75' W73°53.67' L-33-34
R-039
JFK 4.5
090°
224°
*GATEWAY CLIMB
R-232
R-253
JFK 5
CRI R-176
CANARSIE CLIMB
219°
R-223
CRI 2
CRI 3
BREEZY POINT CLIMB
NE-2, 10 SEP 2020 to 05 NOV 2020

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAYS 4L/R: Climbing right turn heading 099°, thence . . . .

TAKEOFF RUNWAYS 13L/R: Climb on assigned heading, thence . . . .

TAKEOFF RUNWAYS 22L/R: Climb heading 224°, thence . . . .

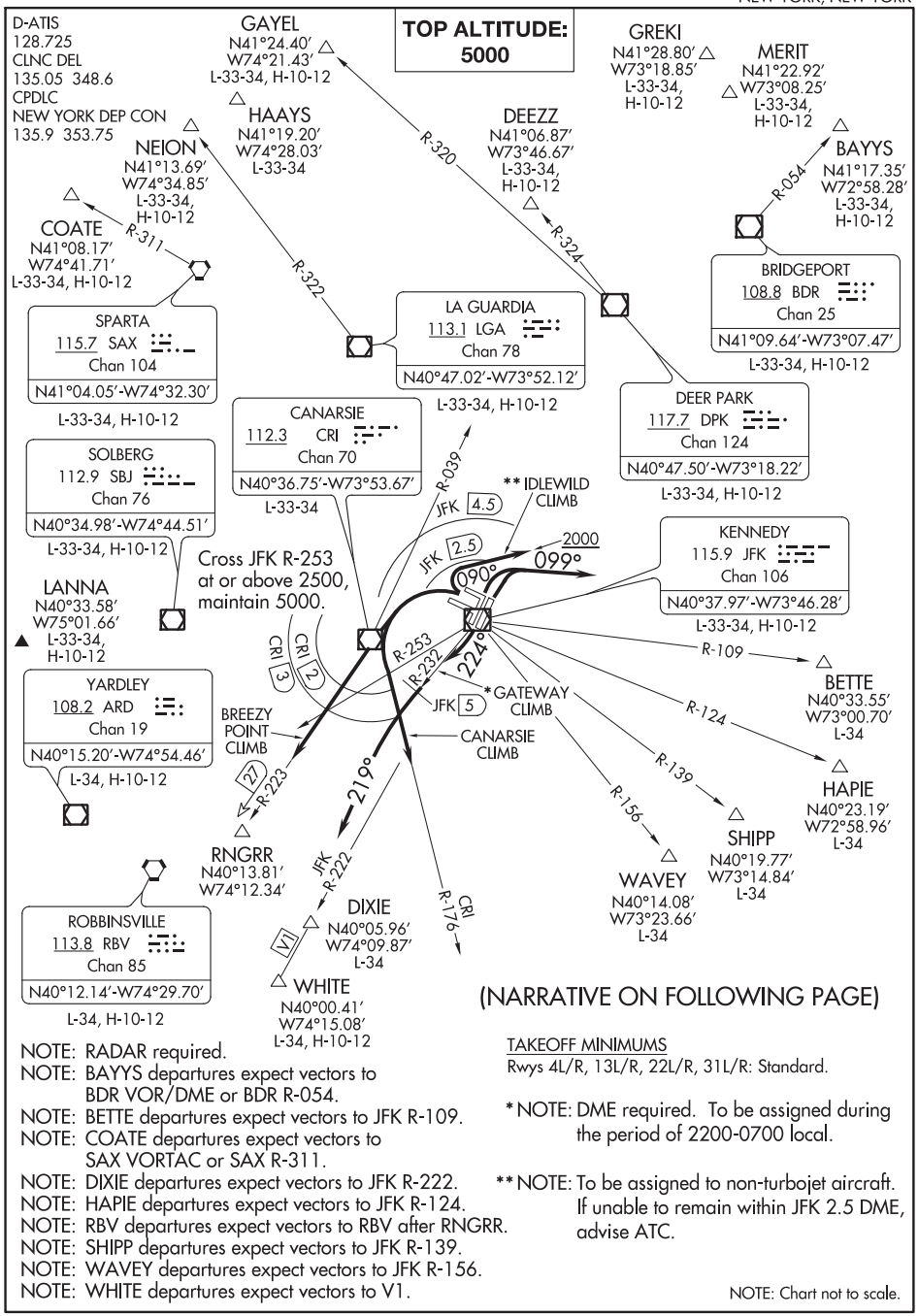
* GATEWAY CLIMB: Climbing right turn to intercept the JFK R-232 until 5 DME, then turn left heading 219°, thence . . . .

TAKEOFF RUNWAYS 31L/R:

BREEZY POINT CLIMB: Climbing left turn direct CRI VOR/DME. Make turn east of CRI R-039 (remain within JFK 4.5 DME), then via CRI R-223. Cross CRI 3 DME or JFK R-253 at or above 2500, thence . . . .

CANARSIE CLIMB: Climbing left turn direct CRI VOR/DME. Make turn east of CRI R-039 (remain within JFK 4.5 DME), then via CRI R-176. Cross CRI 2 DME or JFK R-253 at or above 2500, thence . . . .

. . . . via RADAR vectors to HAPIE, maintain 5000. Expect clearance to filed altitude/ flight level ten (10) minutes after departure.



(NARRATIVE ON FOLLOWING PAGE)

NOTE: RADAR required.
NOTE: BAYYS departures expect vectors to BDR VOR/DME or BDR R-054.
NOTE: BETTE departures expect vectors to JFK R-109.
NOTE: COATE departures expect vectors to SAX VORTAC or SAX R-311.
NOTE: DIXIE departures expect vectors to JFK R-222.
NOTE: HAPIE departures expect vectors to JFK R-124.
NOTE: RBV departures expect vectors to RBV after RNGRR.
NOTE: SHIPP departures expect vectors to JFK R-139.
NOTE: WAVEY departures expect vectors to JFK R-156.
NOTE: WHITE departures expect vectors to V1.

TAKEOFF MINIMUMS
Rwys 4L/R, 13L/R, 22L/R, 31L/R: Standard.

*NOTE: DME required. To be assigned during the period of 2200-0700 local.

**NOTE: To be assigned to non-turbojet aircraft. If unable to remain within JFK 2.5 DME, advise ATC.

NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAYS 4L/R: Climbing right turn heading 099°, thence . . . .

TAKEOFF RUNWAYS 13L/R: Climb on assigned heading, thence . . . .

TAKEOFF RUNWAYS 22L/R: Climb heading 224°, thence . . . .

* GATEWAY CLIMB: Climbing right turn to intercept the JFK R-232 until 5 DME, then turn left heading 219°, thence . . . .

TAKEOFF RUNWAYS 31L/R:

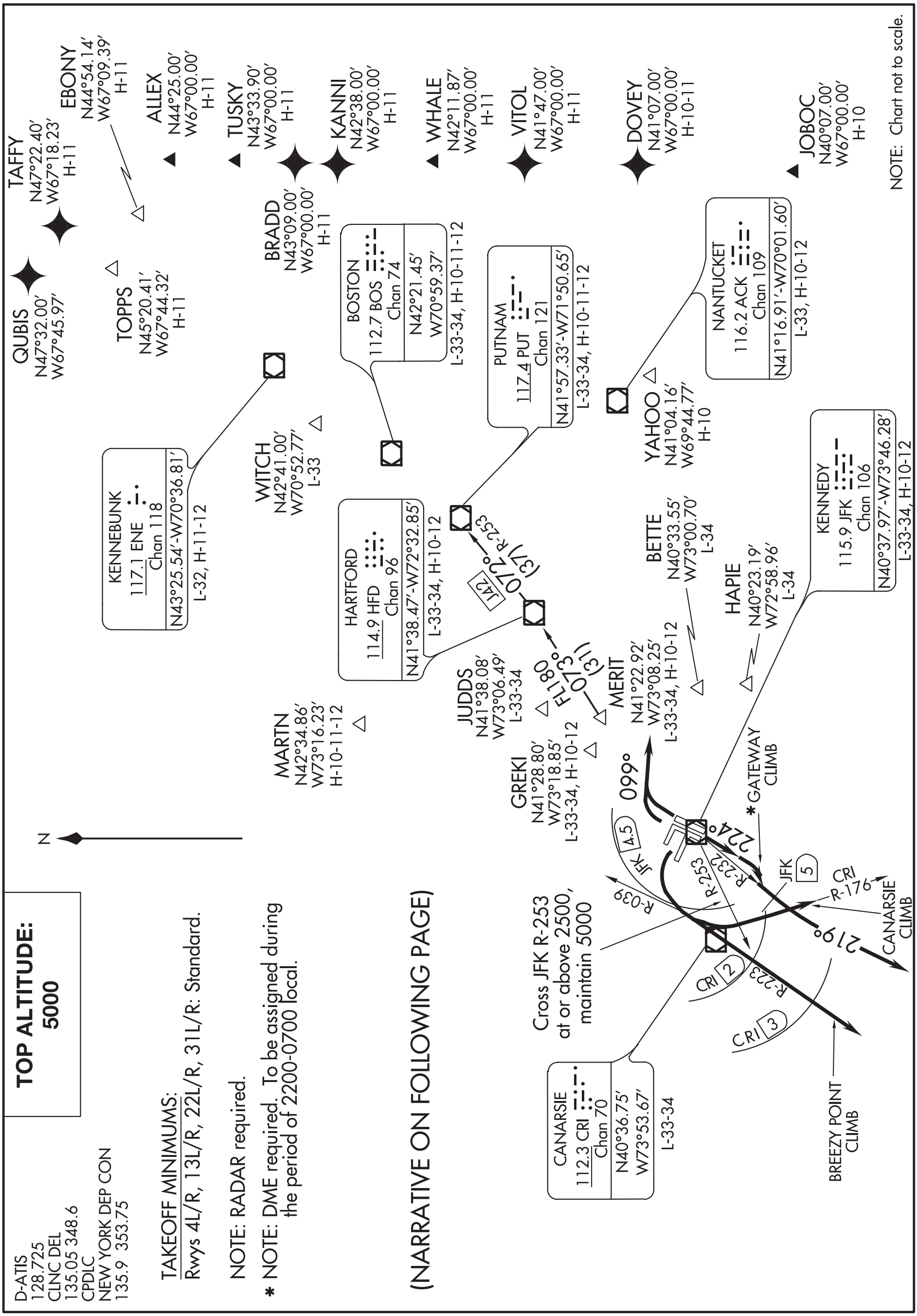
BREEZY POINT CLIMB: Climbing left turn direct CRI VOR/DME. Make turn east of CRI R-039 (remain within JFK 4.5 DME), then via CRI R-223 to RNGRR/CRI 27 DME. Cross CRI 3 DME or JFK R-253 at or above 2500, thence . . . .

CANARSIE CLIMB: Climbing left turn direct CRI VOR/DME. Make turn east of CRI R-039 (remain within JFK 4.5 DME), then via CRI R-176. Cross CRI 2 DME or JFK R-253 at or above 2500, thence . . . .

** IDLEWILD CLIMB: Climbing right turn to 2000 heading 090° (remain within JFK 2.5 DME), thence . . . .

. . . . via RADAR vectors to assigned route/fix, maintain 5000. Expect clearance to filed altitude/flight level ten (10) minutes after departure.

MERIT SIX DEPARTURE



TOP ALTITUDE: 5000

D-ATIS
128.725
CLNC DEL
135.05 348.6
CPDLC
NEW YORK DEP CON
135.9 353.75

TAKEOFF MINIMUMS:
Rwys 4L/R, 13L/R, 22L/R, 31L/R: Standard.

NOTE: RADAR required.

* NOTE: DME required. To be assigned during the period of 2200-0700 local.

(NARRATIVE ON FOLLOWING PAGE)

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAYS 4L/R: Climbing right turn heading 099°, thence . . . .

TAKEOFF RUNWAYS 13L/R: Climb on assigned heading, thence . . . .

TAKEOFF RUNWAYS 22L/R: Climb heading 224°, thence . . . .

*GATEWAY CLIMB: Climbing right turn to intercept the JFK R-232 until 5 DME, then turn left heading 219°, thence . . . .

TAKEOFF RUNWAYS 31L/R:

BREEZY POINT CLIMB: Climbing left turn direct CRI VOR/DME. Make turn east of CRI R-039 (remain within JFK 4.5 DME), then via CRI R-223. Cross CRI 3 DME or JFK R-253 at or above 2500, thence . . . .

CANARSIE CLIMB: Climbing left turn direct CRI VOR/DME. Make turn east of CRI R-039 (remain within JFK 4.5 DME), then via CRI R-176. Cross CRI 2 DME or JFK R-253 at or above 2500, thence . . . .

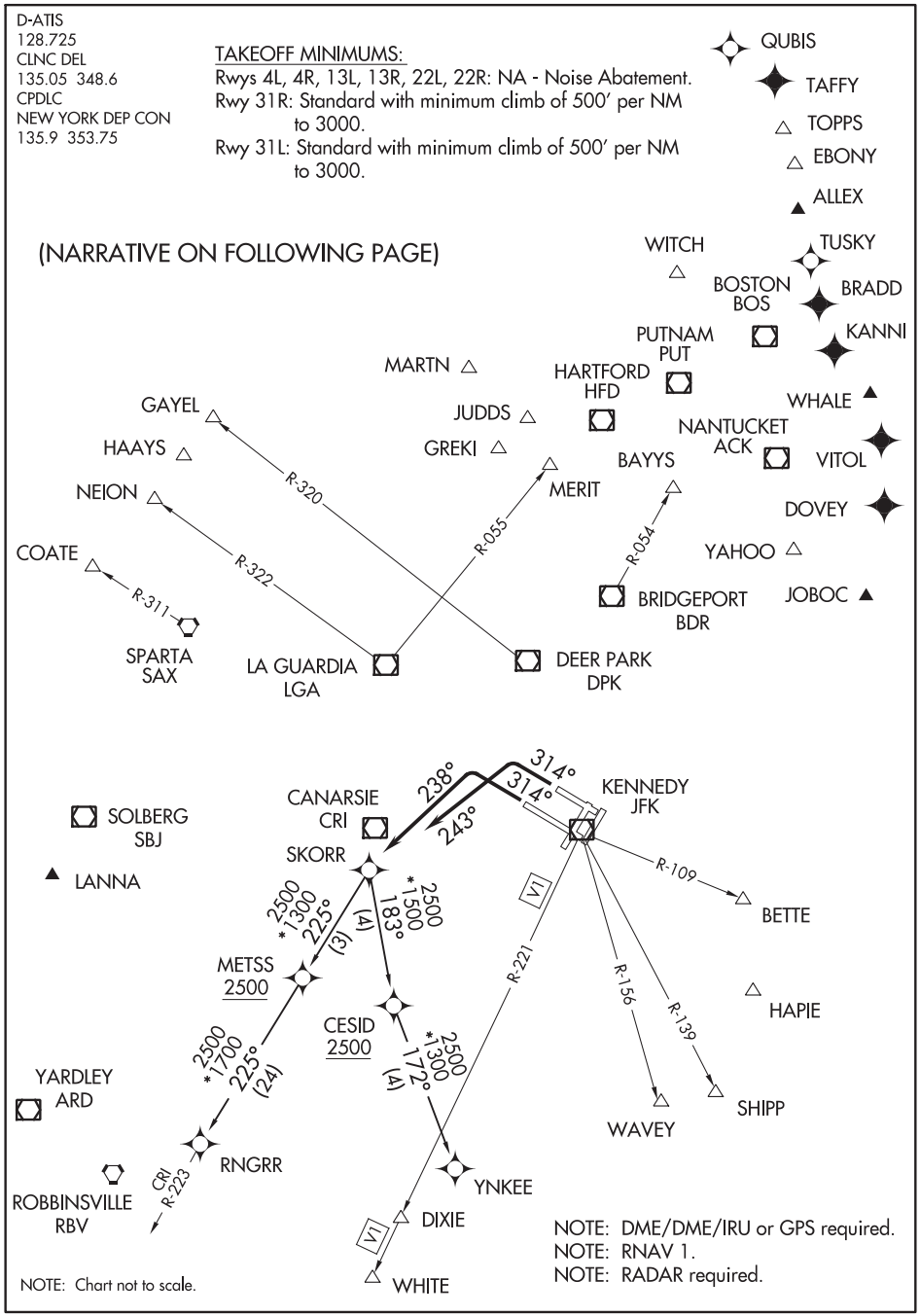
. . . . via RADAR vectors to MERIT, maintain 5000. Expect clearance to filed altitude/flight level ten (10) minutes after departure.

PUTNAM TRANSITION (MERIT6.PUT): From over MERIT INT to HFD VOR/DME via HFD R-253, then via HFD R-072 and PUT R-253 to PUT VOR/DME.

D-ATIS
128.725
CLNC DEL
135.05 348.6
CPDLC
NEW YORK DEP CON
135.9 353.75

TAKEOFF MINIMUMS:
Rwys 4L, 4R, 13L, 13R, 22L, 22R: NA - Noise Abatement.
Rwy 31R: Standard with minimum climb of 500′ per NM to 3000.
Rwy 31L: Standard with minimum climb of 500′ per NM to 3000.

(NARRATIVE ON FOLLOWING PAGE)



NOTE: DME/DME/IRU or GPS required.
NOTE: RNAV 1.
NOTE: RADAR required.

NOTE: Chart not to scale.

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 31R: Climb heading 314° to intercept course 243° to SKORR. Thence . . . .

TAKEOFF RUNWAY 31L: Climb heading 314° to intercept course 238° to SKORR. Thence . . . .

. . . . maintain 5000, expect clearance to filed altitude/flight level ten minutes after departure.

RNGRR TRANSITION (SKORR4.RNGRR):
YNKEE TRANSITION (SKORR4.YNKEE):

NOTE: North American routes via...
...BETTE expect radar vectors to BETTE direct ACK VOR/DME.
...GREKI expect radar vectors to GREKI direct JUDDS direct MARTN.
...HAPIE expect radar vectors to HAPIE direct YAHOO.
...MERIT expect radar vectors to MERIT direct HFD VOR/DME then direct PUT VOR/DME then...
...TOPPS or EBONY expect direct.
...ALLEX via direct WITCH direct.
...TUSKY and south expect direct BOS VOR/DME direct.

NE-2, 10 SEP 2020 to 05 NOV 2020

ILS or LOC RWY 4
LAGUARDIA (LGA)

LOC/DME I-LGA	APP CRS	Rwy ldg	7001
110.5	044°	TDZE	21
Chan 42		Apt Elev	21

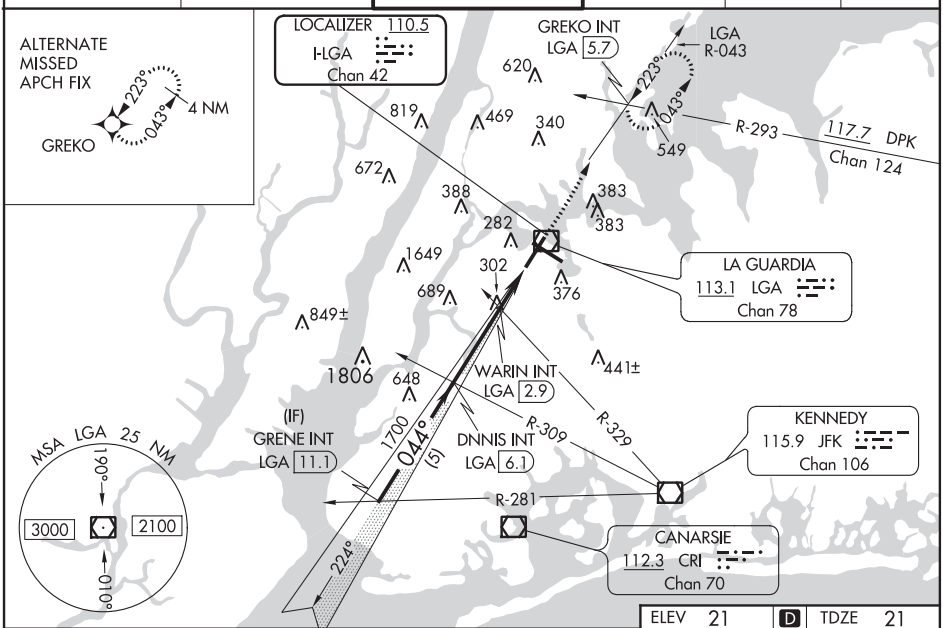
RADAR required for procedure entry.

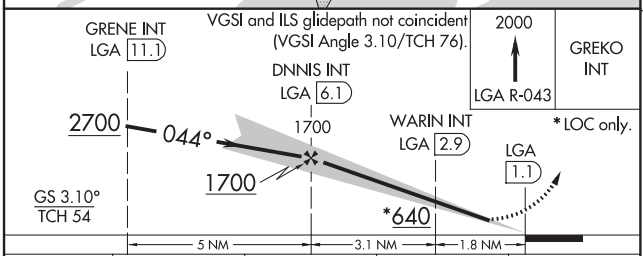
Rwy 4 helicopter visibility reduction below RVR 5000 NA. For inop ALS increase S-ILS 4 all Cats visibility to RVR 4500. Inop table does not apply to S-LOC 4 Cats A and B and WARIN fix minimums S-LOC 4 Cats A and B. Going below glidepath may not provide obstacle clearance inside DA. Crossing Rwy threshold below charted TCH may not provide required visual area obstacle clearance. DME from LGA VOR/DME. Autopilot coupled approach NA.

MALSR

MISSED APPROACH: Climb to 2000 on LGA VOR/DME R-043 to GREKO INT/LGA 5.7 DME and hold, continue climb-in-hold to 2000.

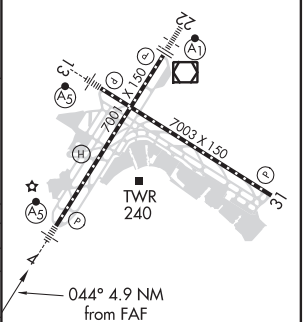
D-ATIS ARR 125.95	NEW YORK APP CON	LAGUARDIA TOWER	GND CON	CLNC DEL	CPDLC
D-ATIS DEP 127.05	120.8 263.0	118.7 263.0	121.7 263.0	135.2	





CATEGORY	A	B	C	D
S-ILS 4	305/40 284 (300-¾)			
S-LOC 4	640/50 619 (700-1)		640-1⅜ 619 (700-1⅜)	
C CIRCLING	700-1 679 (700-1)		1080-3 1059 (1100-3)	1260-3 1239 (1300-3)
WARIN FIX MINIMUMS (DUAL VOR RECEIVERS OR DME REQUIRED)				
S-LOC 4	560/50 539 (600-1)		560/55 539 (600-1)	
C CIRCLING	700-1 679 (700-1)		1080-3 1059 (1100-3)	1260-3 1239 (1300-3)

ELEV 21 | D | TDZE 21



TDZ/CL Rwys 4, 13 and 22
HIRL Rwys 4-22 and 13-31
REIL Rwy 31

FAF to MAP 4.9 NM					
Knots	60	90	120	150	180
Min:Sec	4:54	3:16	2:27	1:58	1:38

NE-2, 10 SEP 2020 to 05 NOV 2020
NE-2, 10 SEP 2020 to 05 NOV 2020

NEW YORK, NEW YORK | AL-289 (FAA) | 20254

ILS or LOC RWY 13
LAGUARDIA (LGA)

LOC/DME I-GDI	APP CRS	Rwy ldg	7003
108.5	134°	TDZE	12
Chan 22		Apt Elev	21

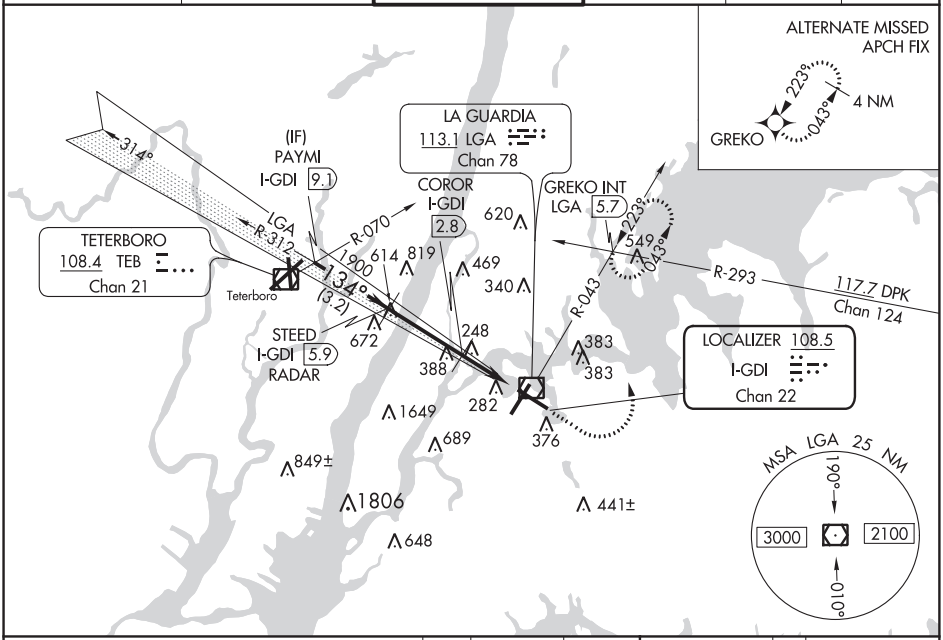
Radar required for procedure entry. DME or RADAR required for LOC only.

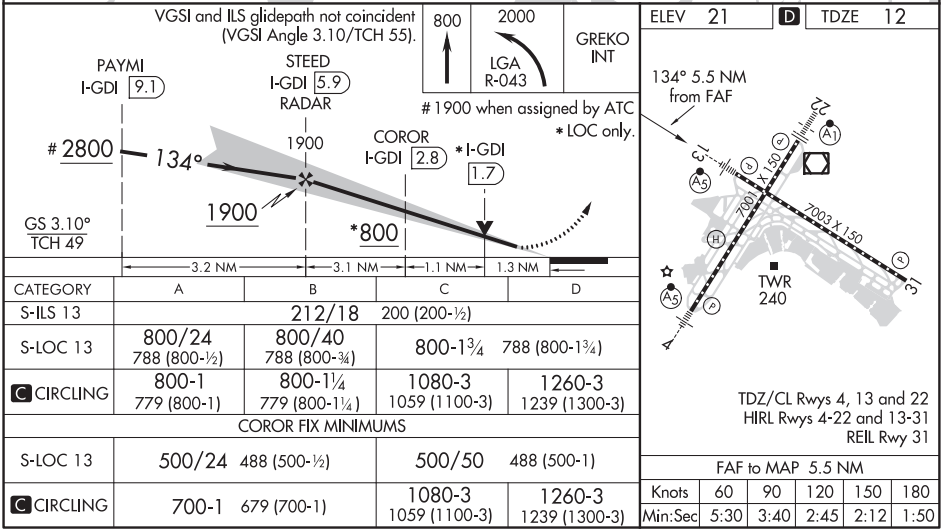
For inop ALS, increase S-LOC 13 Cats C/D visibility to 2½ SM.

MALSR

MISSED APPROACH: Climb to 800 then climbing left turn to 2000 on LGA VOR/DME R-043 to GREKO INT/LGA 5.7 DME and hold, continue climb-in-hold to 2000.

D-ATIS ARR 125.95	NEW YORK APP CON	LAGUARDIA TOWER	GND CON	CLNC DEL	CPDLC
D-ATIS DEP 127.05	120.8 263.0	118.7 263.0	121.7 263.0	135.2	





CATEGORY	A	B	C	D
S-ILS 13	212/18 200 (200-½)			
S-LOC 13	800/24 788 (800-½)	800/40 788 (800-¾)	800-1¾ 788 (800-1¾)	
C CIRCLING	800-1 779 (800-1)	800-1¼ 779 (800-1¼)	1080-3 1059 (1100-3)	1260-3 1239 (1300-3)
COROR FIX MINIMUMS				
S-LOC 13	500/24 488 (500-½)		500/50 488 (500-1)	
C CIRCLING	700-1 679 (700-1)		1080-3 1059 (1100-3)	1260-3 1239 (1300-3)

ELEV 21 | D | TDZE 12

TDZ/CL Rwys 4, 13 and 22
HIRL Rwys 4-22 and 13-31
REIL Rwy 31

FAF to MAP 5.5 NM					
Knots	60	90	120	150	180
Min:Sec	5:30	3:40	2:45	2:12	1:50

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

ILS or LOC RWY 22
LAGUARDIA (LGA)

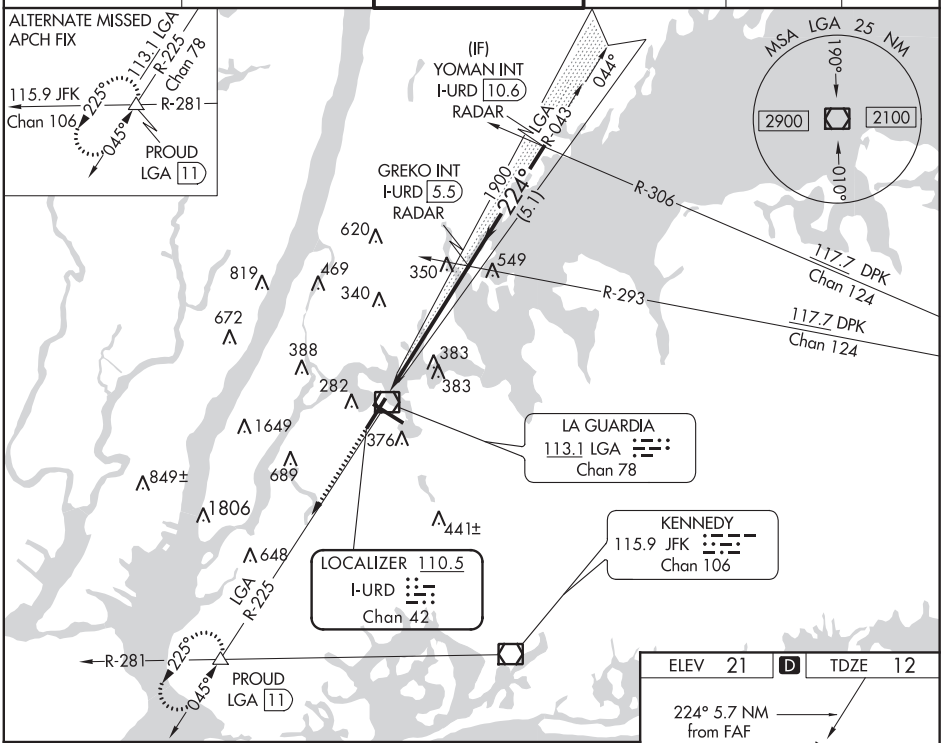
LOC/DME I-URD	APP CRS	Rwy ldg	7001
110.5	224°	TDZE	12
Chan 42		Apt Elev	21

RADAR required for procedure entry. RADAR or DME required for LOC only.

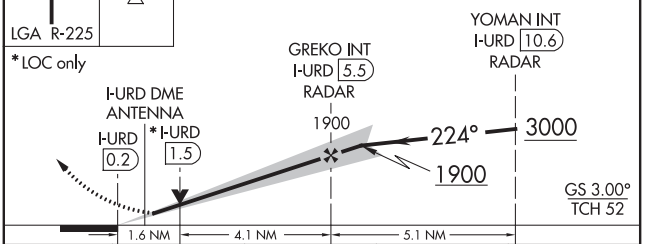
ALSF-1

MISSED APPROACH: Climb to 3000 on LGA VOR/DME R-225 to PROUD INT/LGA 11 DME and hold, continue climb-in-hold to 3000.

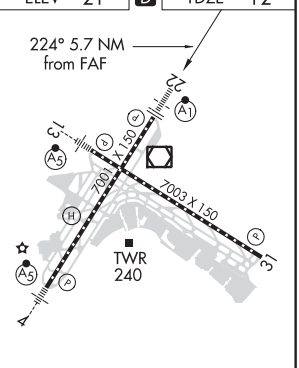
D-ATIS ARR	125.95	NEW YORK APP CON	LAGUARDIA TOWER	GND CON	CLNC DEL	CPDLC
D-ATIS DEP	127.05	120.8 263.0	118.7 263.0	121.7 263.0	135.2	



3000	PROUD	VGSI and ILS glidepath not coincident (VGSI Angle 3.00/TCH 67).
LGA R-225	△	



ELEV 21	D	TDZE 12



TDZ/CL Rwys 4, 13 and 22
HIRL Rwys 4-22 and 13-31
REIL Rwy 31

CATEGORY	A	B	C	D
S-ILS 22	212/18 200 (200-½)			
S-LOC 22	600/24 588 (600-½)		600-1¼ 588 (600-1¼)	
C CIRCLING	700-1 679 (700-1)		1080-3 1059 (1100-3)	1260-3 1239 (1300-3)

FAF to MAP 5.7 NM					
Knots	60	90	120	150	180
Min:Sec	5:42	3:48	2:51	2:17	1:54

NEW YORK, NEW YORK | AL-289 (FAA) | 20254

ILS RWY 22 (SA CAT I & II)
LAGUARDIA (LGA)

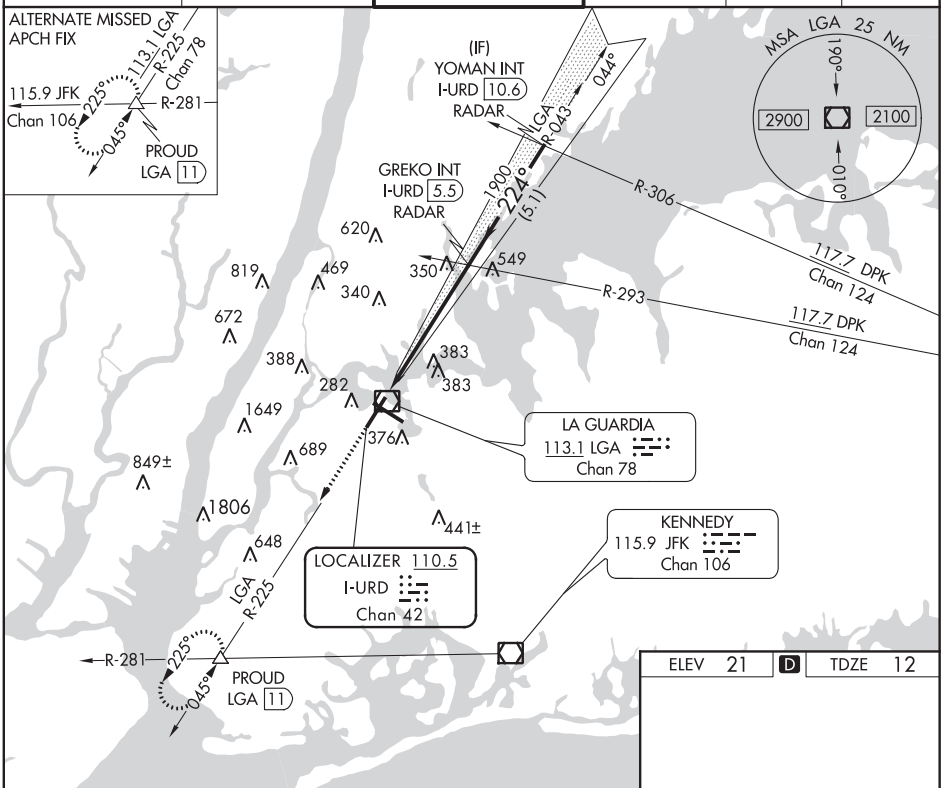
LOC/DME I-URD	APP CRS	Rwy ldg	7001
110.5	224°	TDZE	12
Chan 42		Apt Elev	21

RADAR required for procedure entry.
SA CAT I: Requires specific OPSPEC, MSPEC or LOA approval and use of HUD to DH. SA CAT II: Reduced lighting: Requires specific OPSPEC, MSPEC, or LOA approval and use of autoland or HUD to touchdown.

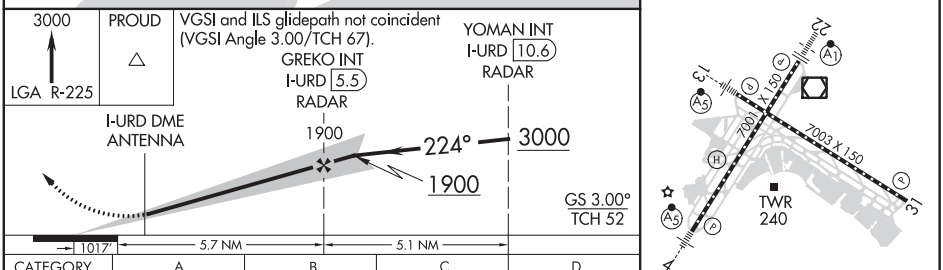
ALSF-1

MISSED APPROACH: Climb to 3000 on LGA VOR/DME R-225 to PROUD INT/LGA11 DME and hold, continue climb-in-hold to 3000.

D-ATIS ARR 125.95	NEW YORK APP CON	LAGUARDIA TOWER	GND CON	CLNC DEL	CPDLC
D-ATIS DEP 127.05	120.8 263.0	118.7 263.0	121.7 263.0	135.2	



ELEV 21	D	TDZE 12



CATEGORY	A	B	C	D
S-ILS 22	SA CAT I RA 162/14	150 DA 162		
S-ILS 22	SA CAT II RA 112/12	100 DA 112		

SA CATEGORY I & II ILS - SPECIAL AIRCREW & AIRCRAFT CERTIFICATION REQUIRED

TDZ/CL Rwys 4, 13 and 22
HIRL Rwys 4-22 and 13-31
REIL Rwy 31

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

APP CRS	Rwy ldg	7001
044°	TDZE	21
	Apt Elev	21

RNAV (RNP) Z RWY 4
LAGUARDIA (LGA)

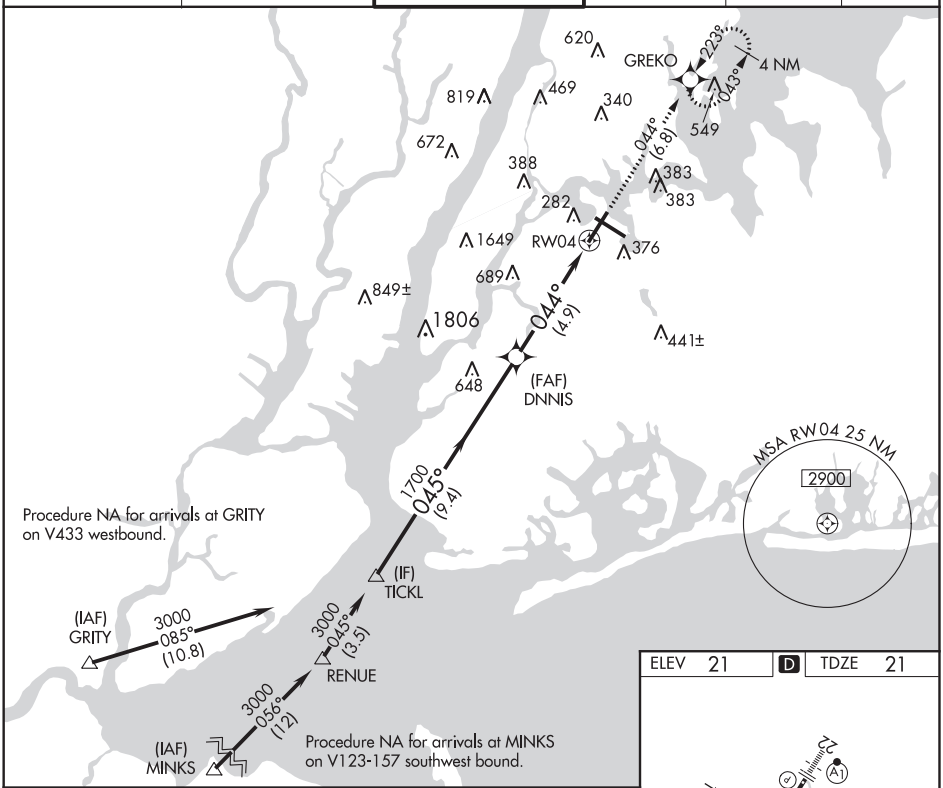
RNP AR APCH.

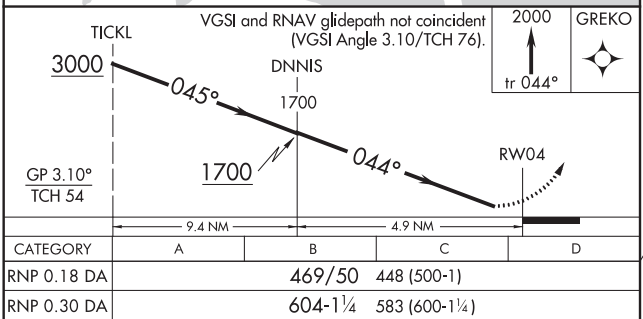
For uncompensated Baro-VNAV systems, procedure NA below -10°C or above 47°C. For inop ALS, increase RNP 0.18 visibility to 1⅜ SM.

MALSR

MISSED APPROACH: Climb to 2000 on track 044° to GREKO and hold.

D-ATIS ARR	D-ATIS DEP	NEW YORK APP CON	LAGUARDIA TOWER	GND CON	CLNC DEL	CPDLC
125.95	127.05	120.8 263.0	118.7 263.0	121.7 263.0	135.2	

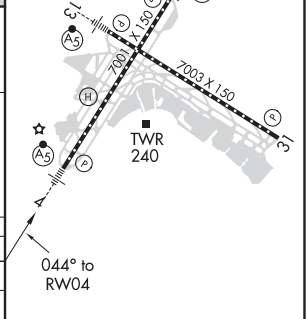




CATEGORY	A	B	C	D
RNP 0.18 DA	469/50 448 (500-1)			
RNP 0.30 DA	604-1¼ 583 (600-1¼)			

AUTHORIZATION REQUIRED

ELEV	21	D	TDZE	21



TDZ/CL Rwys 4, 13 and 22
HIRL Rwys 4-22 and 13-31
REIL Rwy 31

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

NEW YORK, NEW YORK | AL-289 (FAA) | 20142

RNAV (RNP) Z RWY 22
LAGUARDIA (LGA)

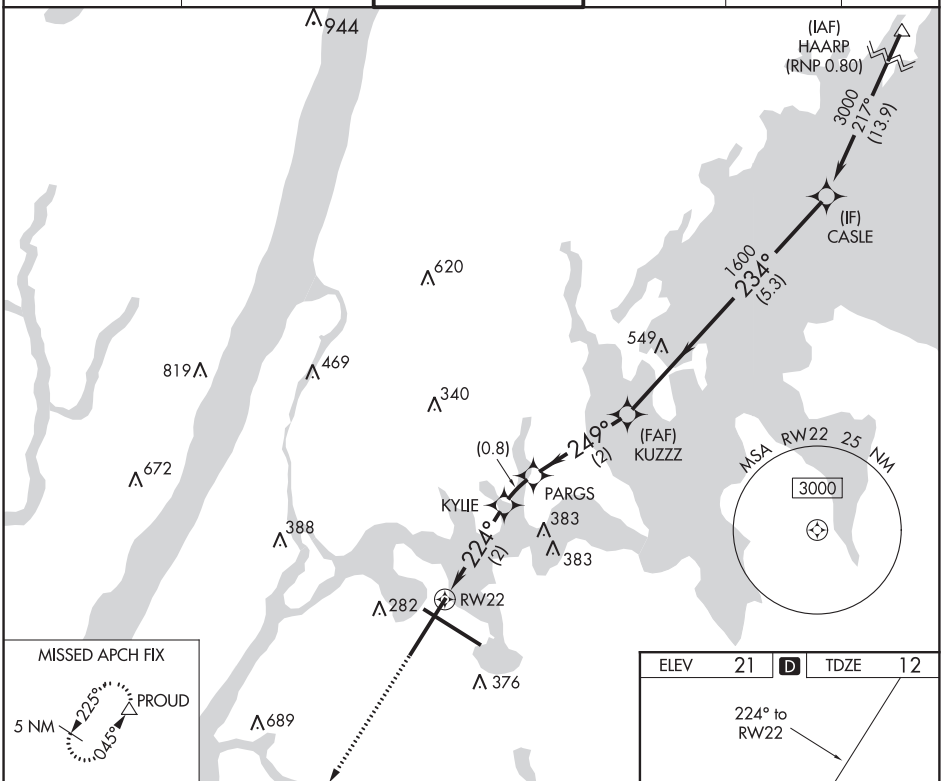
APP CRS	Rwy ldg	7001
224°	TDZE	12
	Apt Elev	21

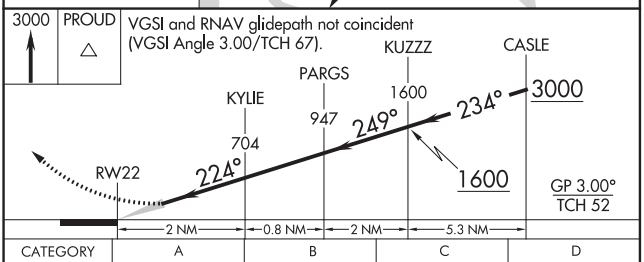
For uncompensated Baro-VNAV systems, procedure NA below -11°C (13°F) or above 54°C (130°F).
RF required. GPS required.
For inop ALS, increase RNP 0.30 visibility to 1⅜ SM.

ALSF-1

MISSED APPROACH: Climb to 3000 direct PROUD and hold, continue climb-in-hold to 3000.
*Missed approach requires minimum climb of 397 feet per NM to 540.

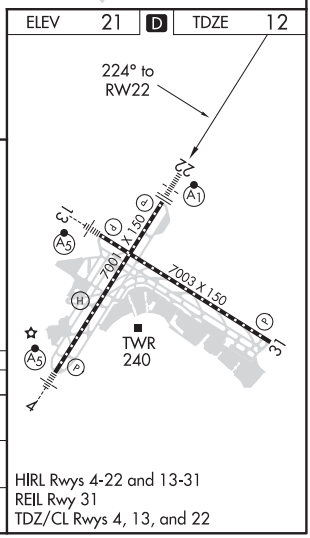
D-ATIS ARR 125.95	NEW YORK APP CON	LAGUARDIA TOWER	GND CON	CLNC DEL	CPDLC
D-ATIS DEP 127.05	120.8 263.0	118.7 263.0	121.7 263.0	135.2	





CATEGORY	A	B	C	D
RNP 0.30 DA*	384/40 372 (400-¾)			
RNP 0.30 DA	437/50 425 (500-1)			

AUTHORIZATION REQUIRED



HIRL Rwys 4-22 and 13-31
REIL Rwy 31
TDZ/CL Rwys 4, 13, and 22

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

RNAV (GPS) RWY 13
LAGUARDIA (LGA)

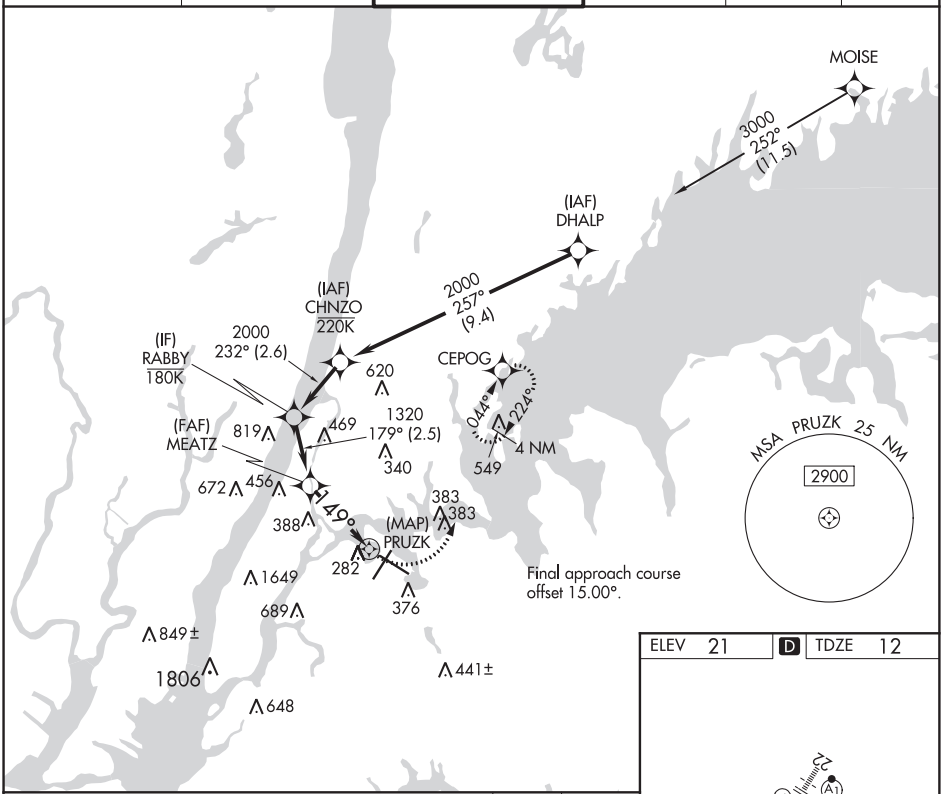
APP CRS	Rwy ldg	7003
149°	TDZE	12
	Apt Elev	21

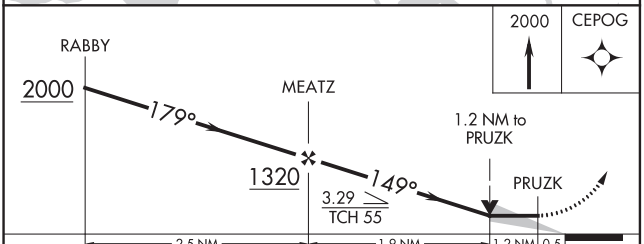
RNP APCH.

MALSR

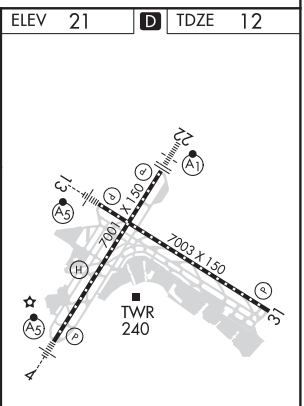
MISSED APPROACH: (Do not exceed 220K)
Climb to 2000 direct CEPOG and hold.

D-ATIS ARR 125.95	NEW YORK APP CON	LAGUARDIA TOWER	GND CON	CLNC DEL	CPDLC
D-ATIS DEP 127.05	120.8 263.0	118.7 263.0	121.7 263.0	135.2	





CATEGORY	A	B	C	D
LNAV MDA	600/24	588 (600-½)	600-1¼	588 (600-1¼)
C CIRCLING	700-1	679 (700-1)	1080-3 1059 (1100-3)	1260-3 1239 (1300-3)



TDZ/CL Rwys 4, 13 and 22
HIRL Rwys 4-22 and 13-31
REIL Rwy 31

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

WAAS CH 60918 W04A	APP CRS 044°	Rwy ldg 7001 TDZE 21 Apt Elev 21

RNAV (GPS) Y RWY 4
LAGUARDIA (LGA)

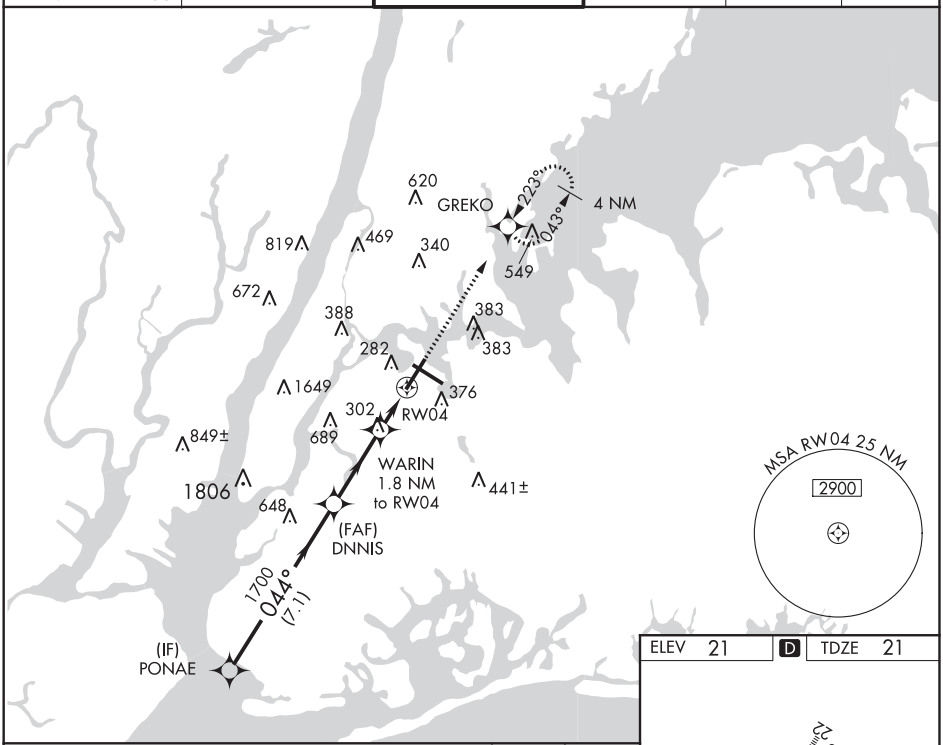
RNP APCH.

Inop table does not apply to LPV all Cats and LNAV Cats A and B. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -11°C (13°F) or above 47°C (118°F). Rwy 4 helicopter visibility reduction below RVR 5000 NA.

MALSR

MISSED APPROACH: Climb to 2000 direct GREKO and hold, continue climb-in-hold to 2000.

D-ATIS ARR 125.95 D-ATIS DEP 127.05	NEW YORK APP CON 120.8 263.0	LAGUARDIA TOWER 118.7 263.0	GND CON 121.7 263.0	CLNC DEL 135.2	CPDLC



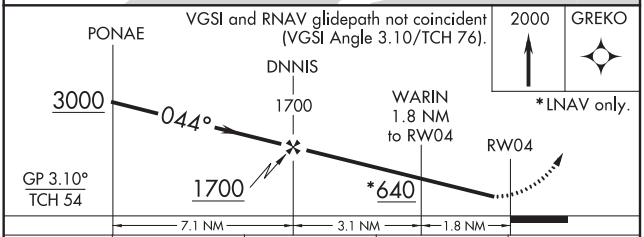
NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

VGSI and RNAV glidepath not coincident (VGSI Angle 3.10/TCH 76).

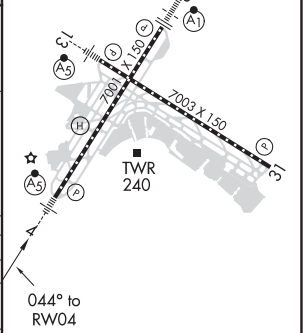
2000 GREKO

*LNAV only.



CATEGORY	A	B	C	D
LPV DA	271/50 250 (300-1)			
LNAV/VNAV DA	488/55 467 (500-1)			
LNAV MDA	560/50 539 (600-1)		560/55 539 (600-1)	
C CIRCLING	700-1 679 (700-1)		1080-3 1059 (1100-3)	1260-3 1239 (1300-3)

ELEV 21 D TDZE 21



TDZ/CL Rwys 4, 13 and 22
HIRL Rwys 4-22 and 13-31
REIL Rwy 31

WAAS CH 70318 W22A	APP CRS 224°	Rwy ldg 7001 TDZE 12 Apt Elev 21

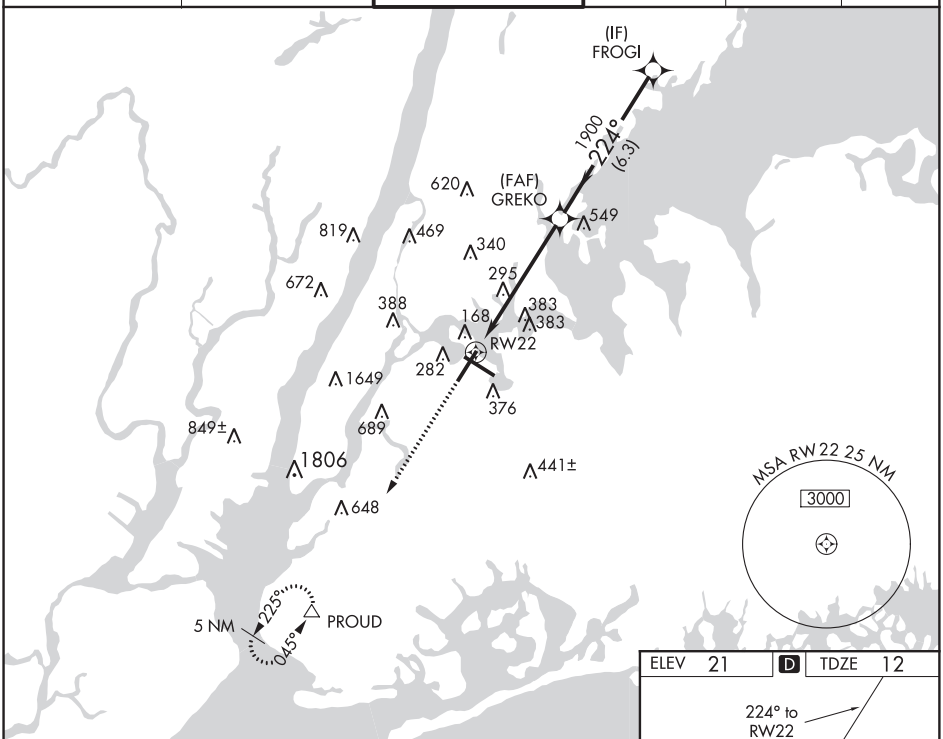
RNAV (GPS) Y RWY 22
LAGUARDIA (LGA)

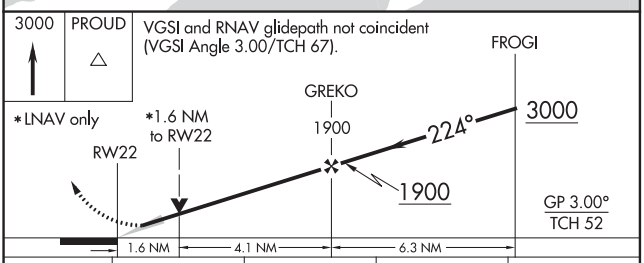
RNP APCH.
For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -11°C (13°F) or above 54°C (130°F).

ALSF-1

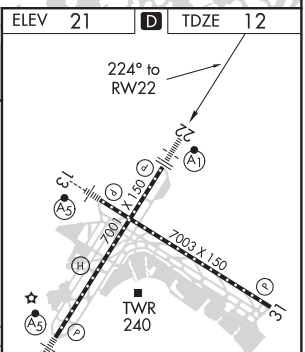
MISSED APPROACH: Climb to 3000 direct PROUD and hold, continue climb-in-hold to 3000.

D-ATIS ARR 125.95 D-ATIS DEP 127.05	NEW YORK APP CON 120.8 263.0	LAGUARDIA TOWER 118.7 263.0	GND CON 121.7 263.0	CLNC DEL 135.2	CPDLC





CATEGORY	A	B	C	D
LPV DA	262/24 250 (300-½)			
LNAV/VNAV DA	527/60 515 (600-1¼)			
LNAV MDA	580/24 568 (600-½)		580/50 568 (600-1)	580/60 568 (600-1¼)
C CIRCLING	700-1 679 (700-1)		1080-3 1059 (1100-3)	1260-3 1239 (1300-3)



TDZ/CL Rwys 4, 13 and 22
HIRL Rwys 4-22 and 13-31
REIL Rwy 31

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

NEW YORK, NEW YORK AL-289 (FAA) 20254

APP CRS	Rwy ldg	7003
313°	TDZE	7
	Apt Elev	21

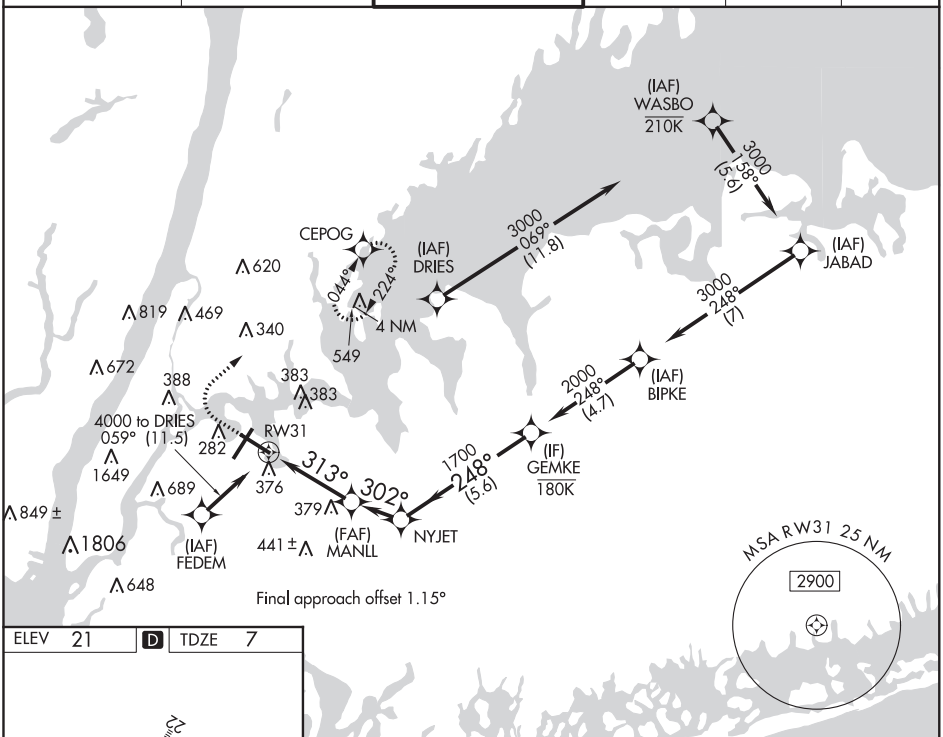
RNAV (GPS) Y RWY 31
LAGUARDIA (LGA)

RNP APCH.

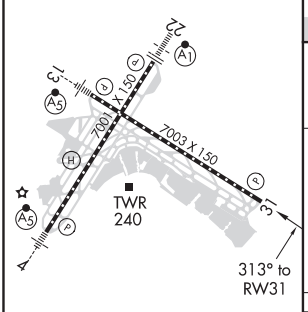
Helicopter visibility reduction below 1 SM NA. Circling NA for Cat D northwest of Rwy 4 and southwest of Rwy 13. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -12°C or above 48°C.

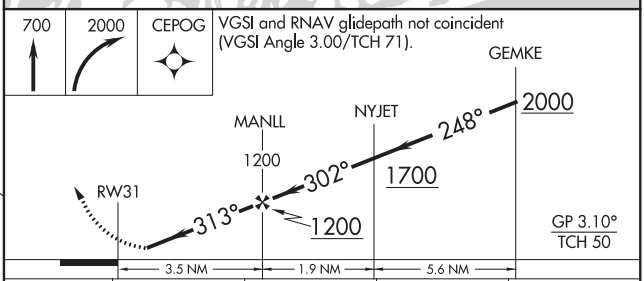
MISSED APPROACH: (Do not exceed 220K until CEPOG) Climb to 700 then climbing right turn to 2000 direct CEPOG and hold.

D-ATIS ARR 125.95	NEW YORK APP CON	LAGUARDIA TOWER	GND CON	CLNC DEL	CPDLC
D-ATIS DEP 127.05	120.8 263.0	118.7 263.0	121.7 263.0	135.2	



ELEV 21 D TDZE 7





CATEGORY	A	B	C	D
LNAV/VNAV DA	618-1¾ 611 (600-1¾)			
LNAV MDA	640/55 633 (700-1)		640-1¾ 633 (700-1¾)	
C CIRCLING	700-1 679 (700-1)		1080-3 1059 (1100-3)	1260-3 1239 (1300-3)

TDZ/CL Rwys 4, 13 and 22
HIRL Rwys 4-22 and 13-31
REIL Rwy 31

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

NEW YORK, NEW YORK
Orig-A 10SEP20

40°47′N -73°52′W

LAGUARDIA (LGA)
RNAV (GPS) Y RWY 31

WAAS CH 48928 W31A	APP CRS 314°	Rwy ldg 7003 TDZE 7 Apt Elev 21

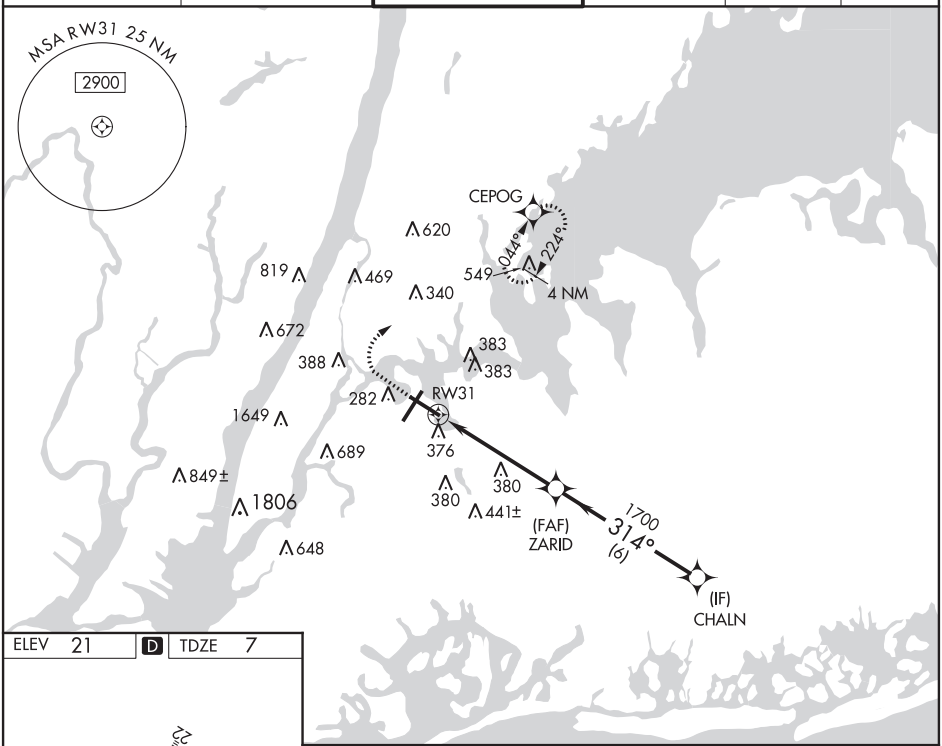
RNAV (GPS) Z RWY 31
LAGUARDIA (LGA)

RNP APCH.

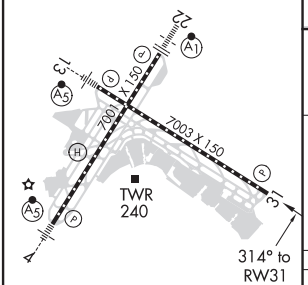
Helicopter visibility reduction below 1 SM NA. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -12°C or above 48°C. Circling NA for Cat D northwest of Rwy 4 and southwest of Rwy 13.

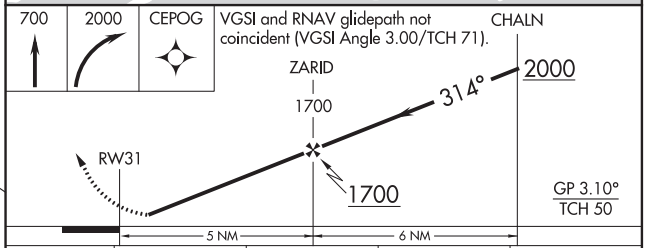
MISSED APPROACH: (Do not exceed 220K until CEPOG) Climb to 700 then climbing right turn to 2000 direct CEPOG and hold.

D-ATIS ARR 125.95 D-ATIS DEP 127.05	NEW YORK APP CON 120.8 263.0	LAGUARDIA TOWER 118.7 263.0	GND CON 121.7 263.0	CLNC DEL 135.2	CPDLC



ELEV 21 | D | TDZE 7





CATEGORY	A	B	C	D
LPV DA	330/50 323 (400-1)			
LNAV/VNAV DA	618-1¾ 611 (600-1¾)			
LNAV MDA	640/55 633 (700-1)		640-1¾ 633 (700-1¾)	
C CIRCLING	700-1 679 (700-1)		1080-3 1059 (1100-3)	1260-3 1239 (1300-3)

TDZ/CL Rwys 4, 13 and 22
HIRL Rwys 4-22 and 13-31
REIL Rwy 31

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

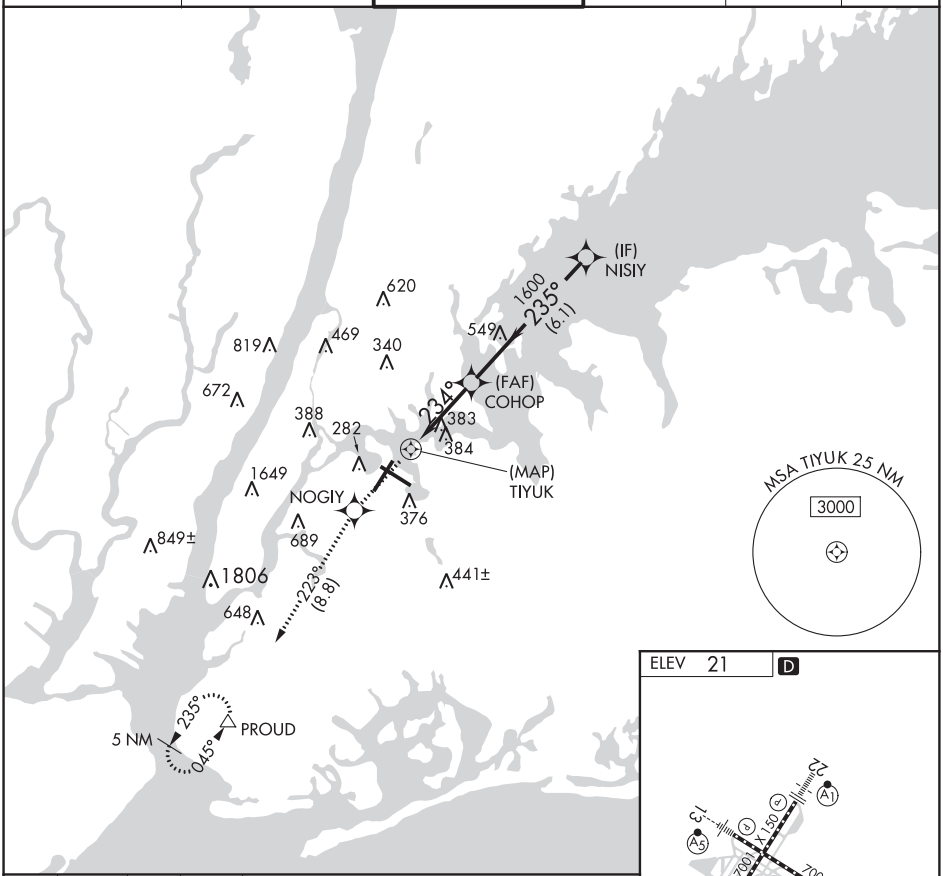
APP CRS	Rwy ldg	N/A
234°	TDZE	N/A
	Apt Elev	21

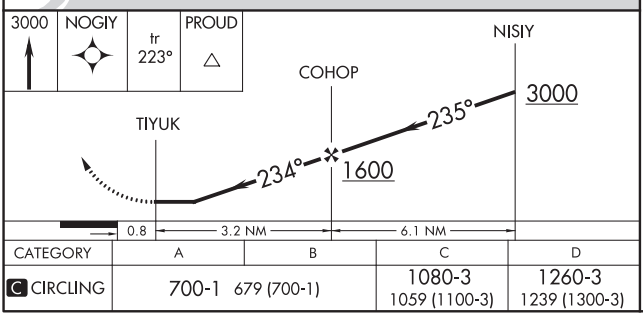
RNAV (GPS)-B
LAGUARDIA (LGA)

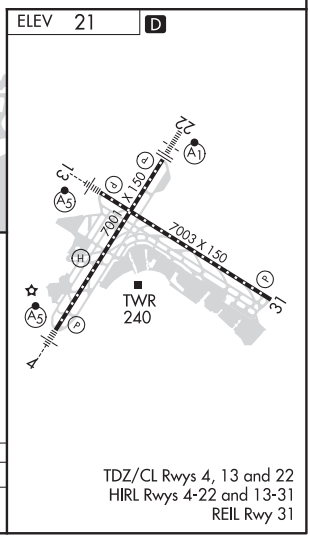
RNP APCH.

MISSED APPROACH: Climb to 3000 direct NOGIY and on track 223° to PROUD and hold, continue climb-in-hold to 3000.

D-ATIS ARR 125.95	NEW YORK APP CON	LAGUARDIA TOWER	GND CON	CLNC DEL	CPDLC
D-ATIS DEP 127.05	120.8 263.0	118.7 263.0	121.7 263.0	135.2	







CATEGORY	A	B	C	D
C CIRCLING	700-1 679 (700-1)		1080-3 1059 (1100-3)	1260-3 1239 (1300-3)

TDZ/CL Rwys 4, 13 and 22
HIRL Rwys 4-22 and 13-31
REIL Rwy 31

LOC RWY 31
LAGUARDIA (LGA)

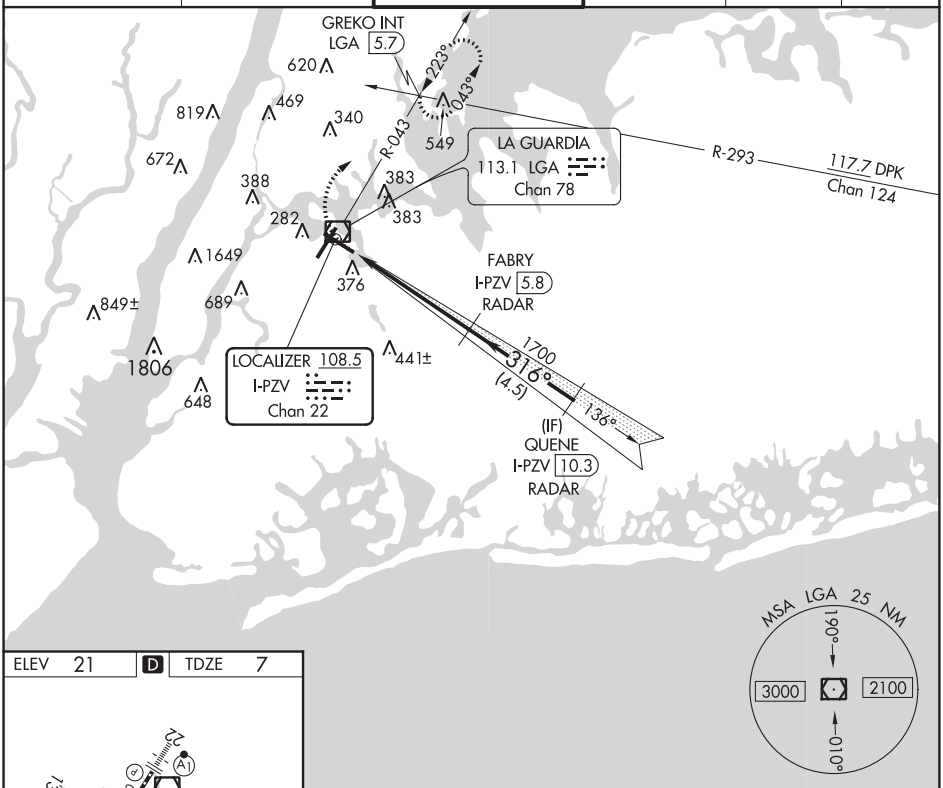
LOC/DME I-PZV 108.5 Chan 22	APP CRS 316°	Rwy ldg 7003 TDZE 7 Apt Elev 21

RADAR required for procedure entry. DME required.

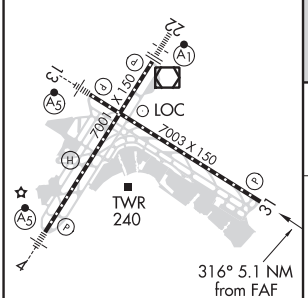
Rwy 31 helicopter visibility reduction below RVR 4000 NA.

MISSED APPROACH: Climbing right turn to 2000 on LGA VOR/DME R-043 to GREKO INT/LGA 5.7 DME and hold, continue climb-in-hold to 2000.

D-ATIS ARR 125.95 D-ATIS DEP 127.05	NEW YORK APP CON 120.8 263.0	LAGUARDIA TOWER 118.7 263.0	GND CON 121.7 263.0	CLNC DEL 135.2	CPDLC



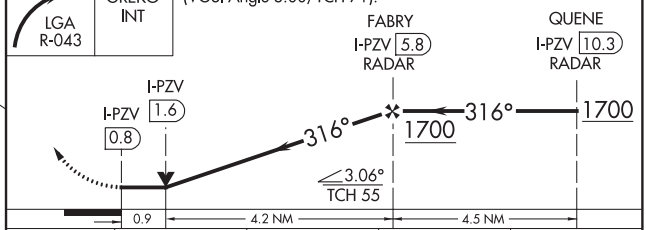
ELEV 21	D	TDZE 7



TDZ/CL Rwys 4, 13 and 22
HIRL Rwys 4-22 and 13-31
REIL Rwy 31

2000
LGA R-043
GREKO INT

VGSI and descent angles not coincident (VGSI Angle 3.00/TCH 71).



CATEGORY	A	B	C	D
S-31	600/55	593 (600-1)	600-1¾	593 (600-1¾)
C CIRCLING	700-1	679 (700-1)	1080-3 1059 (1100-3)	1260-3 1239 (1300-3)

NE-2, 10 SEP 2020 to 05 NOV 2020
NE-2, 10 SEP 2020 to 05 NOV 2020

NEW YORK, NEW YORK | AL-289 (FAA) | 20254

LDA-A
LAGUARDIA (LGA)

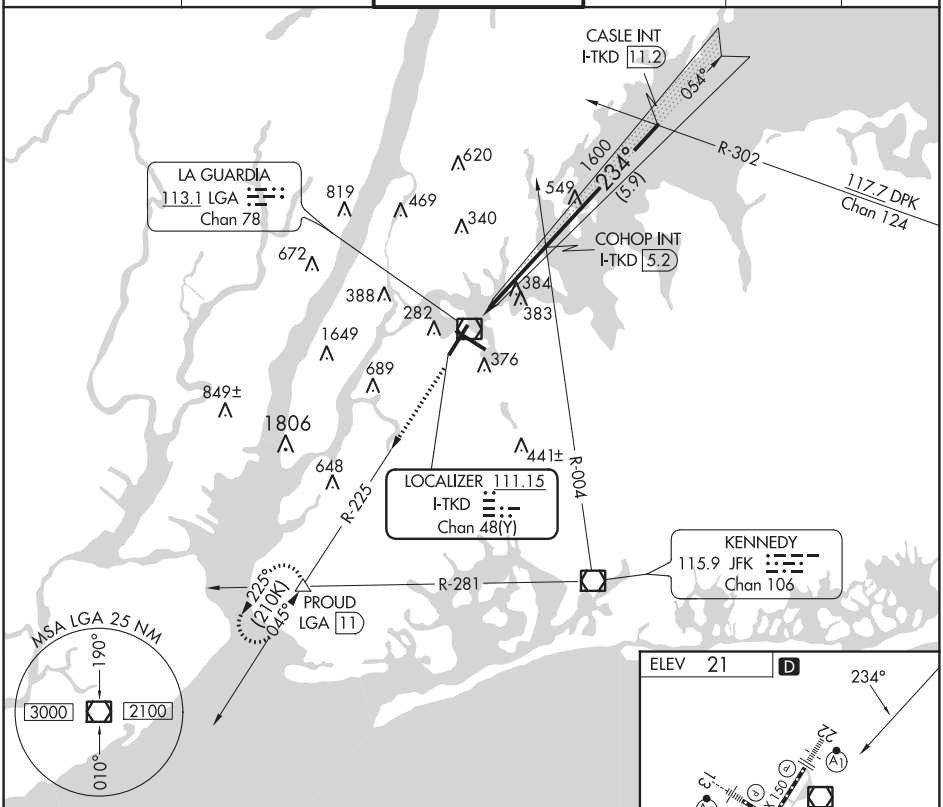
LOC/DME I-TKD	APP CRS	Rwy ldg	N/A
111.15	234°	TDZE	N/A
Chan 48 (Y)		Apt Elev	21

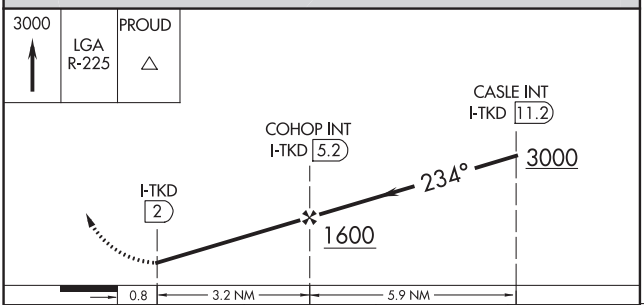
RADAR required for procedure entry.

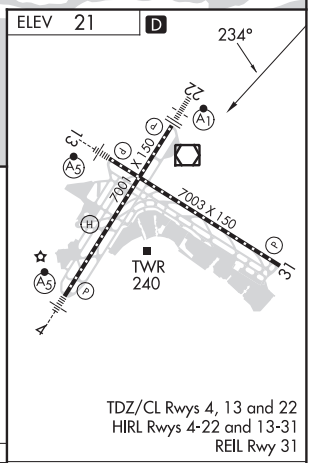
Auto pilot coupled approach NA.

MISSED APPROACH: Climb to 3000 on LGA VOR/DME R-225 to PROUD INT and hold, continue climb-in-hold to 3000.

D-ATIS ARR 125.95	NEW YORK APP CON	LAGUARDIA TOWER	GND CON	CLNC DEL	CPDLC
D-ATIS DEP 127.05	120.8 263.0	118.7 263.0	121.7 263.0	135.2	







TDZ/CL Rwys 4, 13 and 22
HIRL Rwys 4-22 and 13-31
REIL Rwy 31

CATEGORY	A	B	C	D
C CIRCLING	700-1 679 (700-1)		1080-3 1059 (1100-3)	1260-3 1239 (1300-3)

FAF to MAP 3.2 NM					
Knots	60	90	120	150	180
Min:Sec	3:12	2:08	1:36	1:17	1:04

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

VOR RWY 4
LAGUARDIA (LGA)

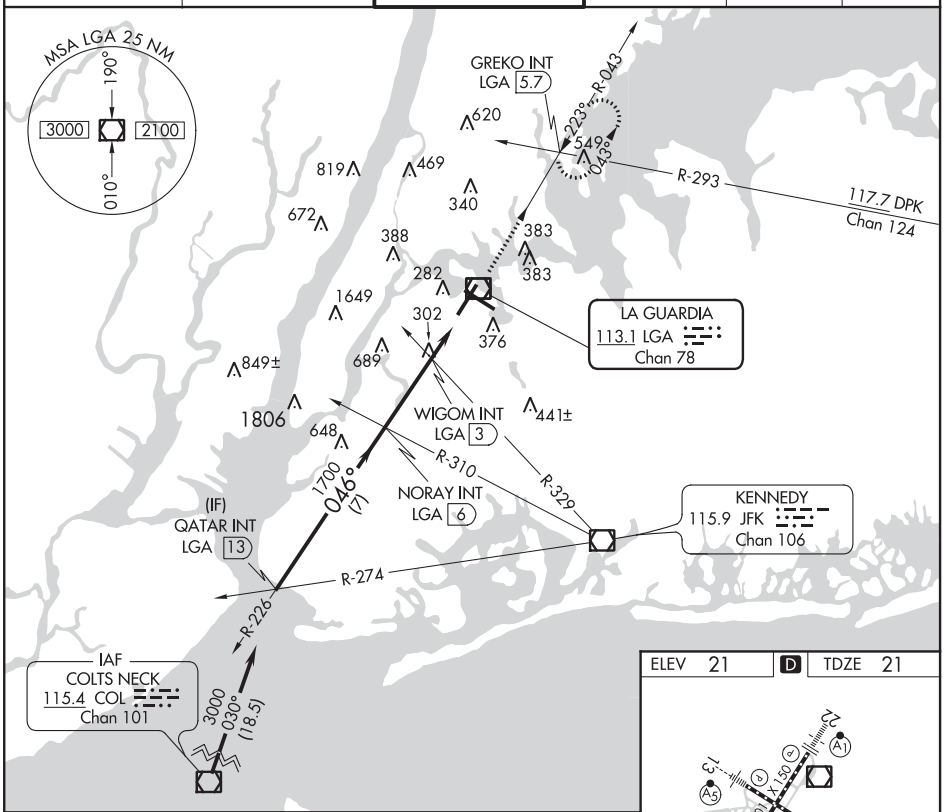
VOR/DME LGA	APP CRS	Rwy Idg	7001
113.1	046°	TDZE	21
Chan 78		Apt Elev	21

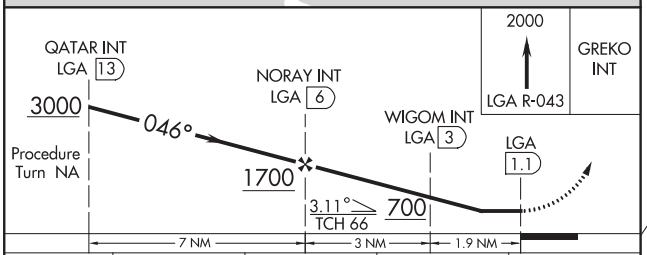
T A Inop table does not apply to Cats A and B.

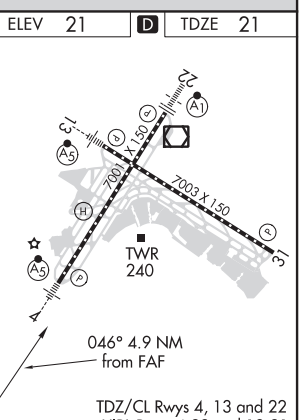
MALSR (A5)

MISSED APPROACH: Climb to 2000 on LGA VOR/DME R-043 to GREKO INT/LGA 5.7 DME and hold, continue climb-in-hold to 2000.

D-ATIS ARR 125.95	NEW YORK APP CON	LAGUARDIA TOWER	GND CON	CLNC DEL	CPDLC
D-ATIS DEP 127.05	120.8 263.0	118.7 263.0	121.7 263.0	135.2	







TDZ/CL Rwys 4, 13 and 22
HIRL Rwys 4-22 and 13-31
REIL Rwy 31

CATEGORY	A	B	C	D
S-4	560/50 539 (600-1)			560/60 539 (600-1¼)
C CIRCLING	700-1 679 (700-1)		1080-3 1059 (1100-3)	1260-3 1239 (1300-3)

FAF to MAP 4.9 NM					
Knots	60	90	120	150	180
Min:Sec	4:54	3:16	2:27	1:58	1:38

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

COPTER ILS or LOC RWY 13

LAGUARDIA (LGA)

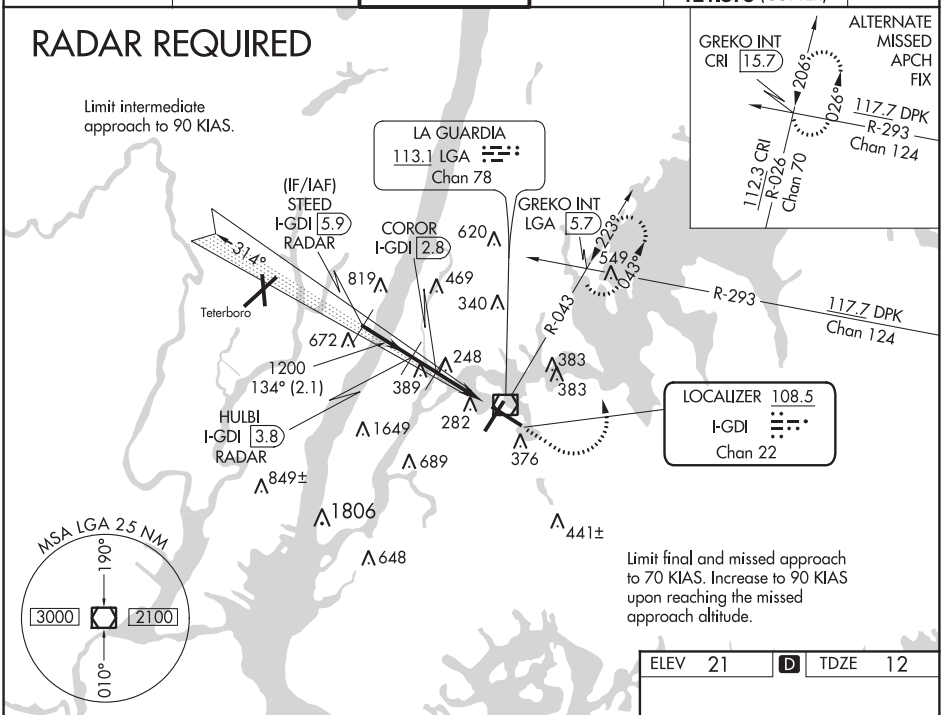
LOC/DME I-GDI	APP CRS	Rwy ldg	7003
108.5	134°	TDZE	12
Chan 22		Apt Elev	21

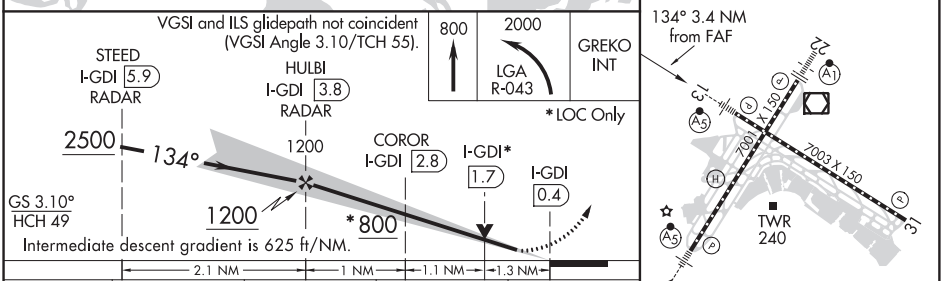
DME or RADAR required.

MALSR

MISSED APPROACH: Climb to 800 then climbing left turn to 2000 via LGA VOR/DME R-043 to GREKO INT/ LGA 5.7 DME and hold.

D-ATIS ARR 125.95	NEW YORK APP CON	LAGUARDIA TOWER	GND CON	CLNC DEL	CPDLC
D-ATIS DEP 127.05	120.8 263.0	118.7 263.0	121.7 263.0	135.2 121.875 (COPTER)	





TDZ/CL Rwys 4, 13 and 22
HIRL Rwys 4-22 and 13-31
REIL Rwy 31

CATEGORY	COPTER	B	C	D
H-ILS 13	212/12 200 (200-¼)	NA		
H-LOC 13	800/12 788 (800-¼)	NA		
COROR FIX MINIMUMS				
H-LOC 13	500/12 488 (500-¼)	NA		

FAF to MAP 3.4 NM					
Knots	45	60	75	90	105
Min:Sec	4:32	3:24	2:43	2:16	1:57

NE-2, 10 SEP 2020 to 05 NOV 2020

COPTER ILS or LOC RWY 22

LAGUARDIA (LGA)

LOC/DME I-URD	APP CRS	Rwy ldg	7001
110.5	224°	TDZE	12
Chan 42		Apt Elev	21

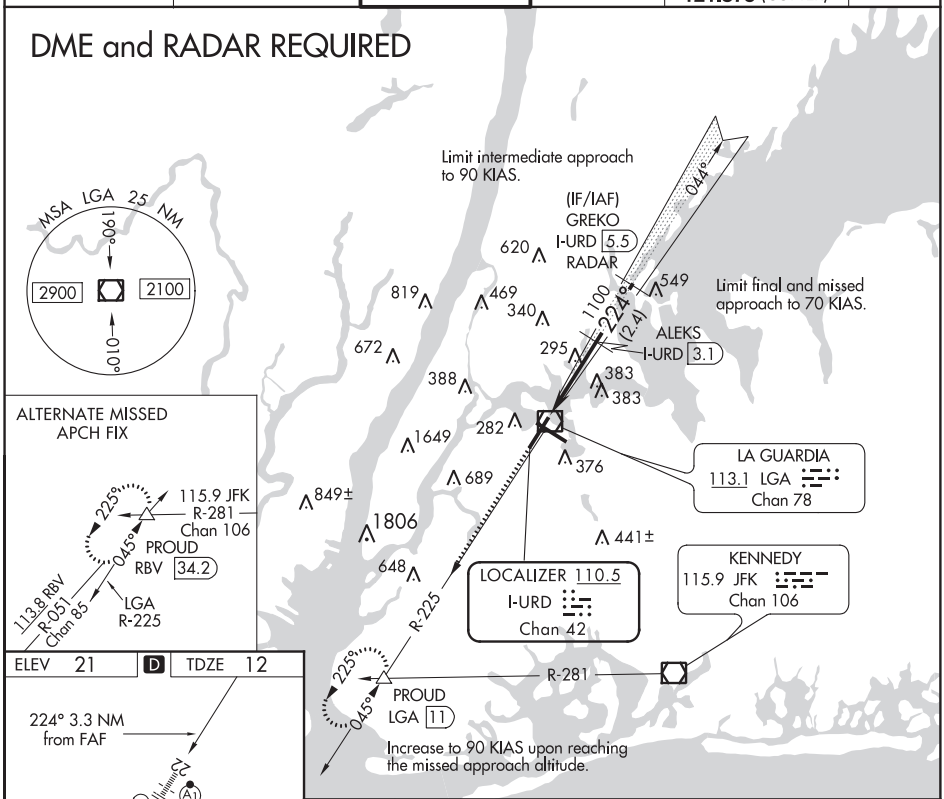
DME required.

ALSF-1

MISSED APPROACH: Climb to 3000 on LGA VOR/DME R-225 to PROUD/LGA VOR/DME 11 DME and hold.

D-ATIS ARR 125.95	NEW YORK APP CON	LAGUARDIA TOWER	GND CON	CLNC DEL	CPDLC
D-ATIS DEP 127.05	120.8 263.0	118.7 263.0	121.7 263.0	135.2 121.875 (COPTER)	

DME and RADAR REQUIRED



CATEGORY	COPTER	
H-ILS 22	212/12	200 (200-⅛)
H-LOC 22	560/12	548 (600-⅛)

TDZ/CL Rwys 4, 13 and 22
HIRL Rwys 4-22 and 13-31
REIL Rwy 31

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

NEW YORK, NEW YORK | AL-289 (FAA) | 19003

COPTER RNAV (GPS) 250°
LAGUARDIA (LGA)

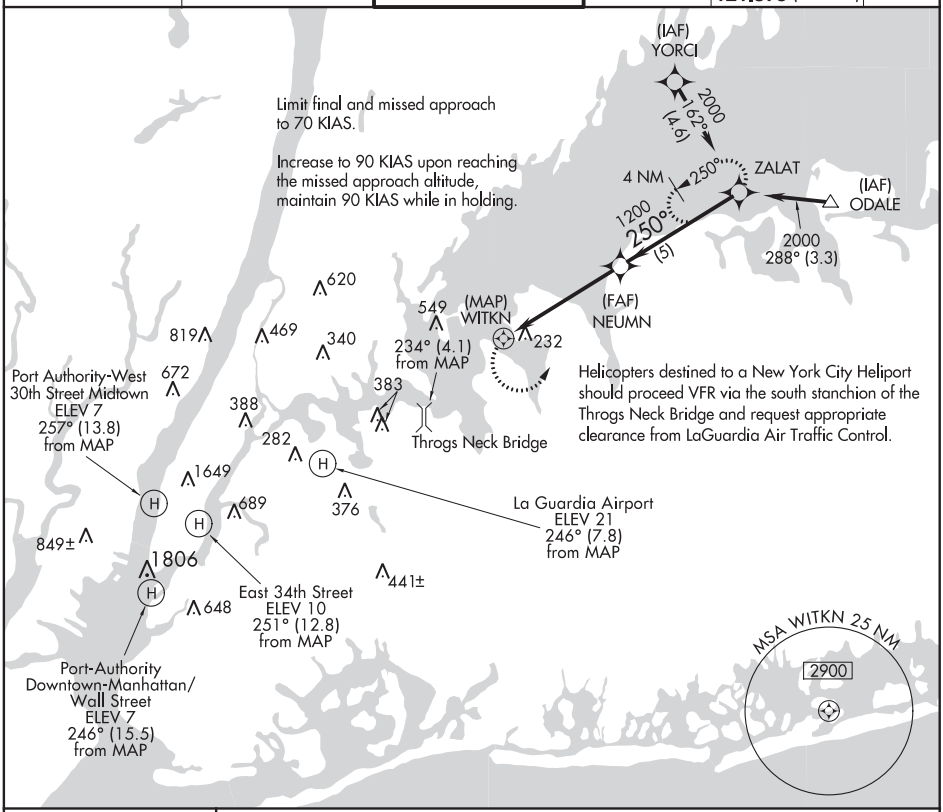
APP CRS	Rwy Idg	N/A
250°	TDZE	N/A
	Apt Elev	N/A

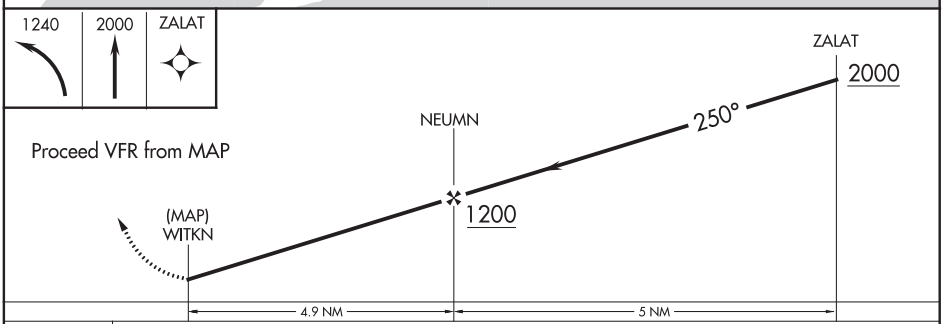
T
A NA

DME/DME RNP-0.3 NA.
Use LaGuardia altimeter setting.

MISSED APPROACH: Climbing left turn to 1240, then climb to 2000 direct ZALAT and hold. (Maintain heading 070° until 1240).

D-ATIS ARR 125.95	NEW YORK APP CON	LAGUARDIA TOWER	GND CON	CLNC DEL	CPDLC
D-ATIS DEP 127.05	120.8 263.0	118.7 263.0	121.7 263.0	135.2 121.875 (COPTER)	





CATEGORY	COPTER
LNAV MDA	520-¾ 391 (400-¾)

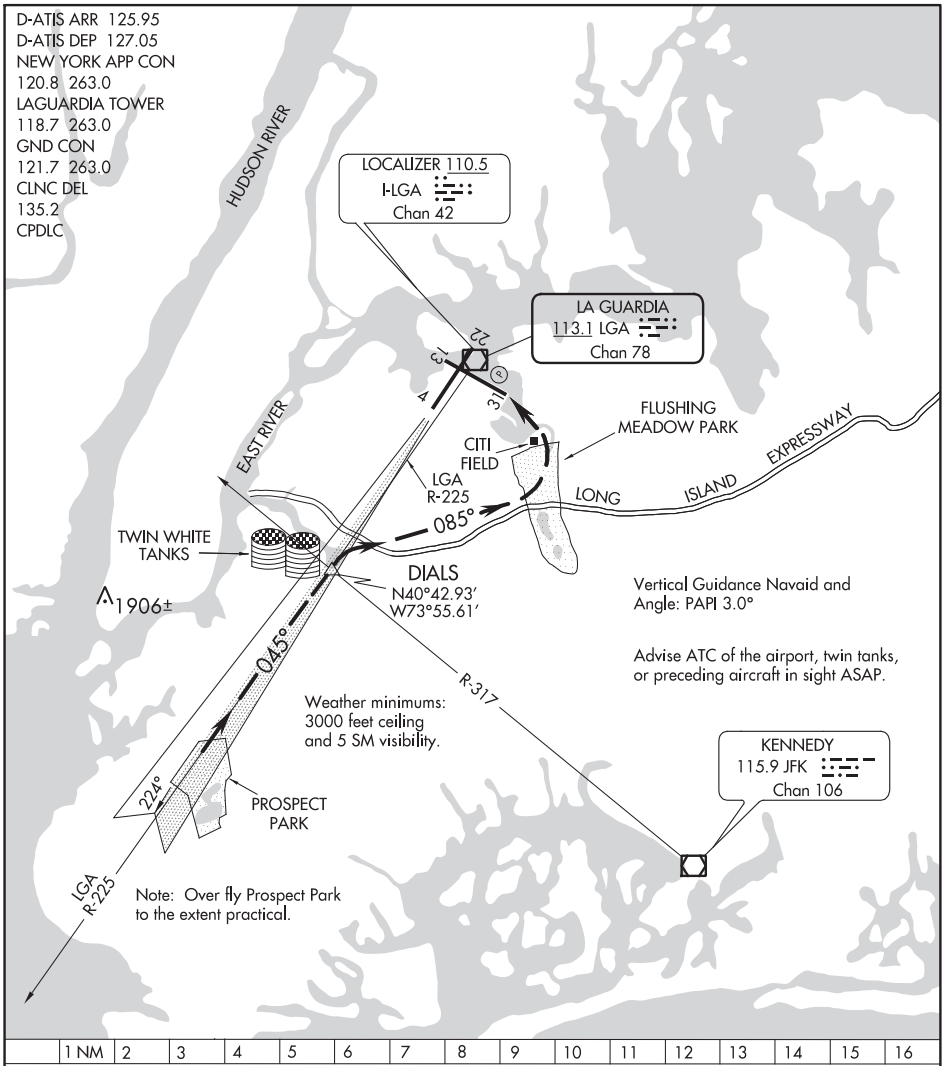
NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

EXPRESSWAY VISUAL RWY 31

AL-289 (FAA)

LAGUARDIA (LGA)
NEW YORK, NEW YORK



NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

EXPRESSWAY VISUAL RWY 31

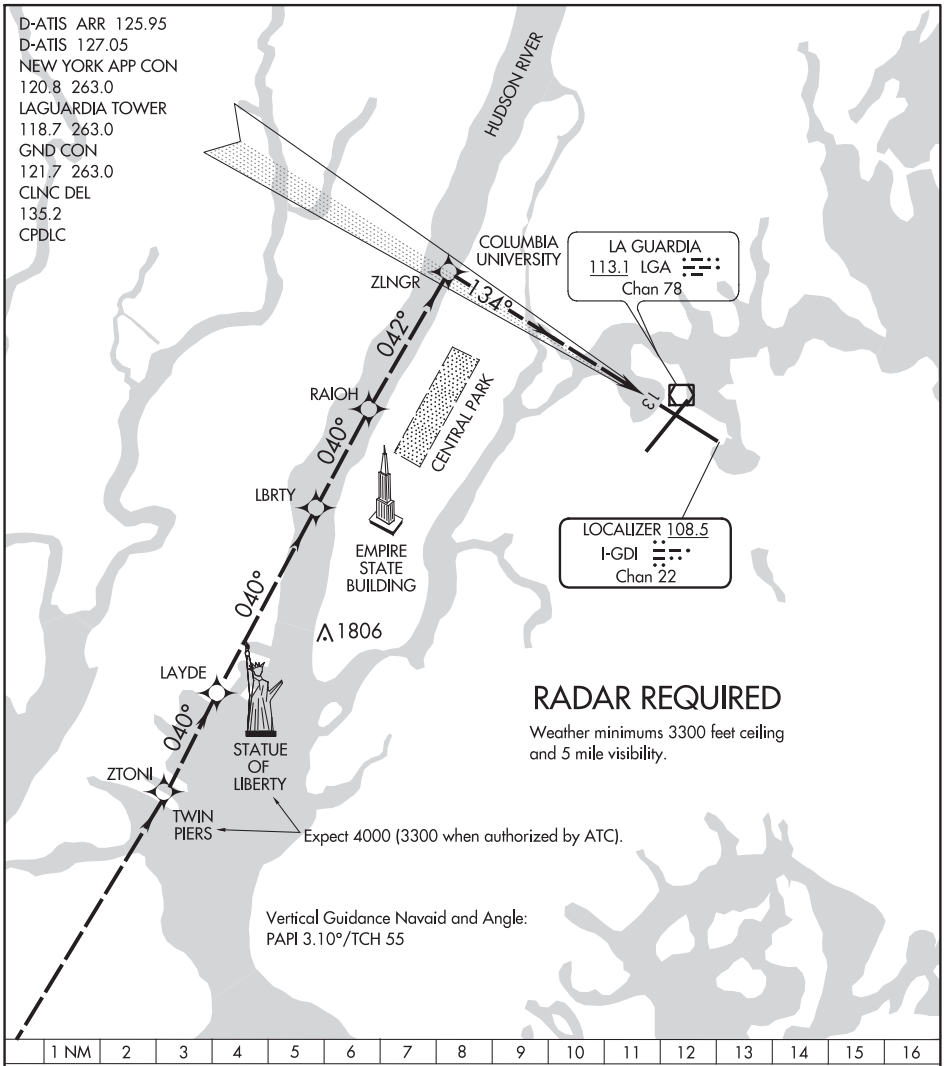
When cleared for an Expressway Approach to Rwy 31 (while on LGA VOR/DME R-225) cross DIALS INT at 2500 feet or above. Turn right at DIALS INT heading 085° and descend to Runway 31 via Long Island Expressway and Flushing Meadow Park.
Use LGA Rwy 4 localizer for course guidance when LGA VOR is not available.

19255

RIVER VISUAL RWY 13

AL-289 (FAA)

LAGUARDIA (LGA)
NEW YORK, NEW YORK

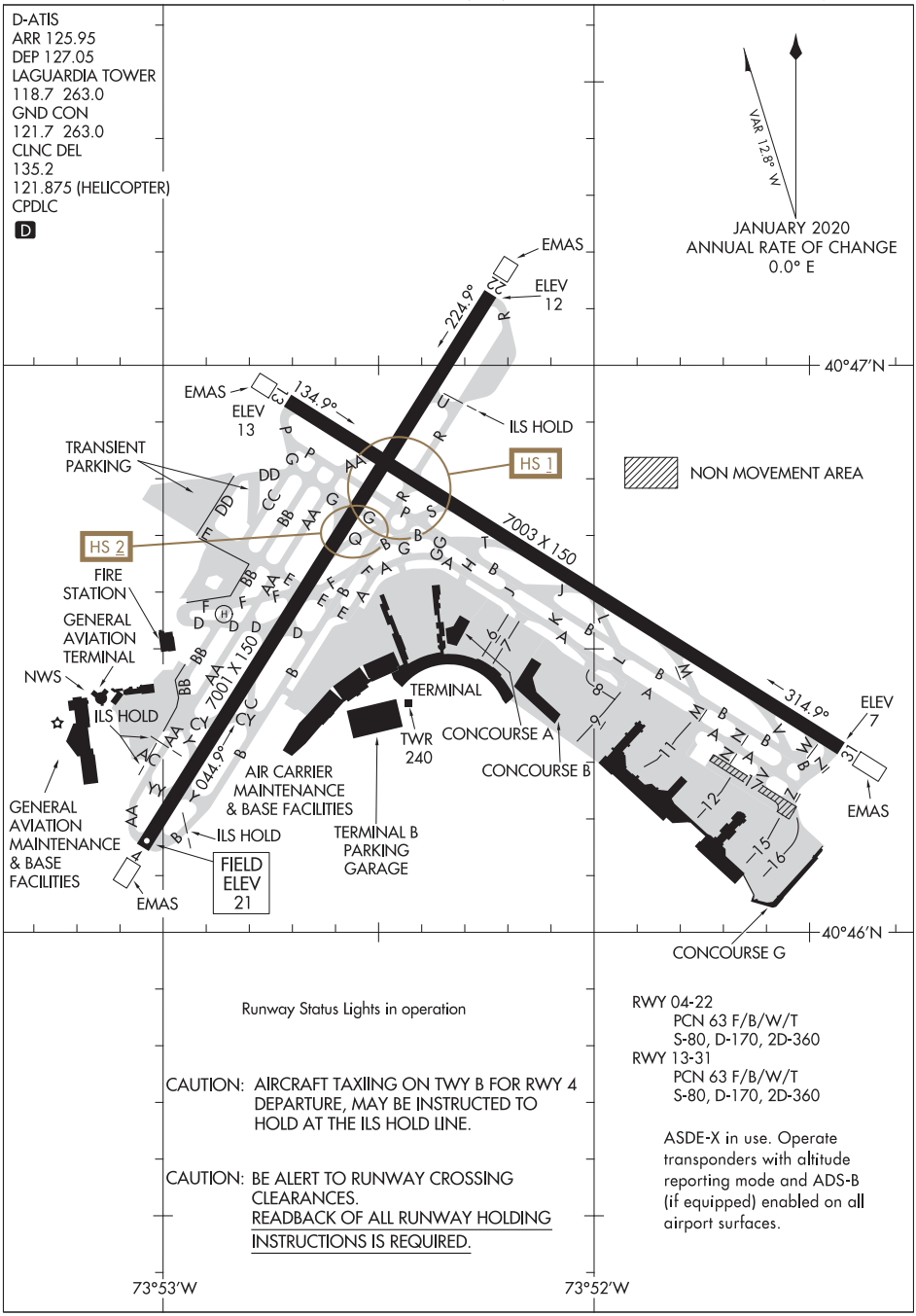


NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

RIVER VISUAL RWY 13 APPROACH

When cleared for a RIVER VISUAL RWY 13 approach, remain over the Hudson River until starting the turn to final approach north of Central Park. Expect 4000 until abeam Statue of Liberty (3300 when authorized by ATC).



Runway Status Lights in operation

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.

NE-2, 10 SEP 2020 to 05 NOV 2020

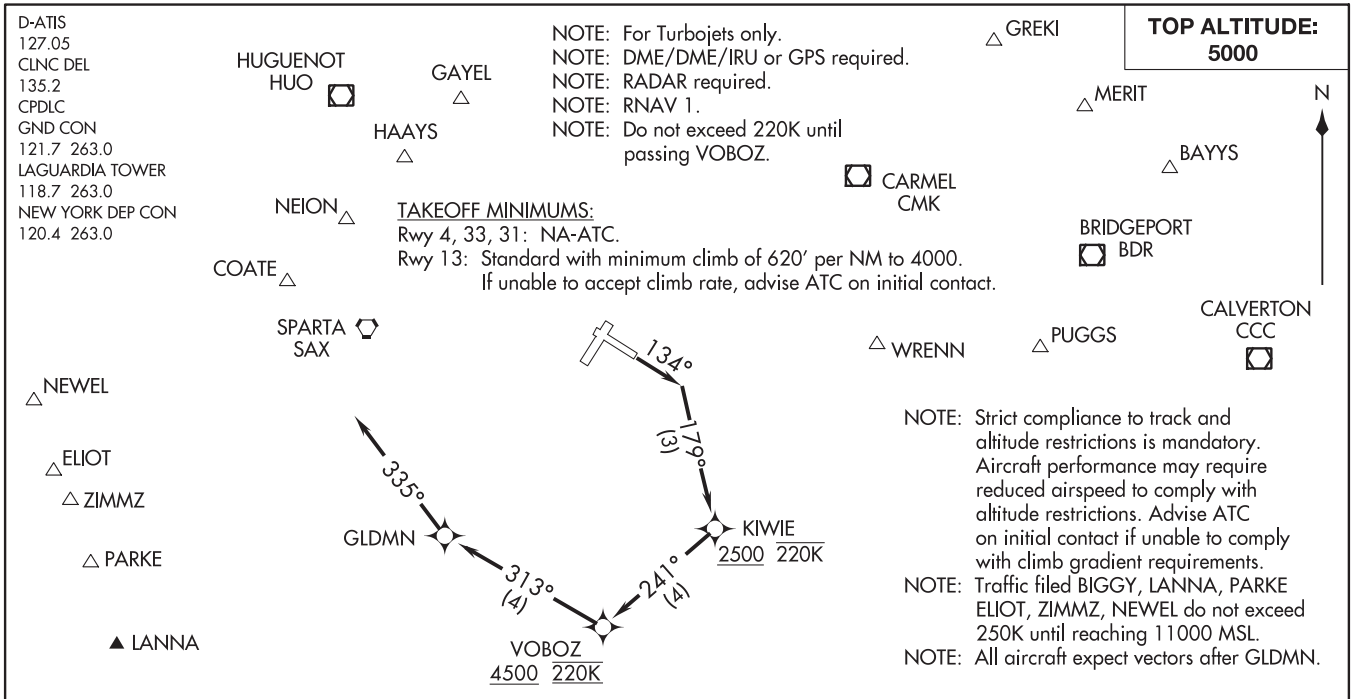
NE-2, 10 SEP 2020 to 05 NOV 2020

TOP ALTITUDE: 5000

NOTE: For Turbojets only.
NOTE: DME/DME/IRU or GPS required.
NOTE: RADAR required.
NOTE: RNAV 1.
NOTE: Do not exceed 220K until passing VOBOZ.

D-ATIS
127.05
CLNC DEL
135.2
CPDLC
GND CON
121.7 263.0
LAGUARDIA TOWER
118.7 263.0
NEW YORK DEP CON
120.4 263.0

TAKEOFF MINIMUMS:
Rwy 4, 33, 31: NA-ATC.
Rwy 13: Standard with minimum climb of 620′ per NM to 4000.
If unable to accept climb rate, advise ATC on initial contact.



NOTE: Strict compliance to track and altitude restrictions is mandatory. Aircraft performance may require reduced airspeed to comply with altitude restrictions. Advise ATC on initial contact if unable to comply with climb gradient requirements.
NOTE: Traffic filed BIGGY, LANNA, PARKE ELIOT, ZIMMZ, NEWEL do not exceed 250K until reaching 11000 MSL.
NOTE: All aircraft expect vectors after GLDMN.

NOTE: Chart not to scale.

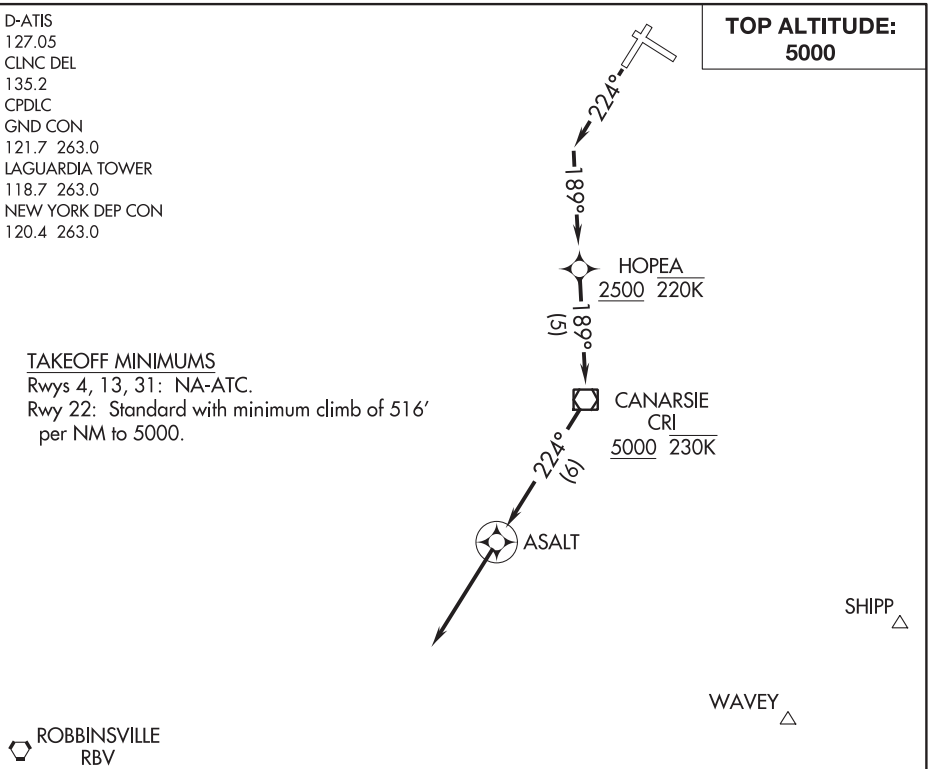
DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 13: Climb on heading 134° to intercept course 179° to cross KIWIE at or above 2500 and at or below 220K, then on track 241° to cross VOBOZ at or above 4500 and at 220K, then on track 313° to GLDMN, then on track 335° for RADAR vector on course. Maintain 5000 or as assigned by ATC. Expect clearance to filed altitude/flight level 10 minutes after departure.

HOPEA THREE DEPARTURE (RNAV)

D-ATIS
127.05
CLNC DEL
135.2
CPDLC
GND CON
121.7 263.0
LAGUARDIA TOWER
118.7 263.0
NEW YORK DEP CON
120.4 263.0

TOP ALTITUDE: 5000



TAKEOFF MINIMUMS
Rwys 4, 13, 31: NA-ATC.
Rwy 22: Standard with minimum climb of 516′ per NM to 5000.

NOTE: For Turbojets only.
NOTE: DME/DME/IRU or GPS required.
NOTE: RADAR required.
NOTE: RNAV 1.
NOTE: Do not exceed 220K until passing HOPEA.
NOTE: Do not exceed 230K until passing CRI VOR/DME.
NOTE: Strict compliance to track and altitude restrictions is mandatory. Aircraft performance may require reduced airspeed to comply with altitude restrictions. Advise ATC on initial contact if unable to comply with climb gradient requirements.
NOTE: Aircraft filed RBV VORTAC, WHITE, SHIPP, WAVEY, DIXIE expect vectors after ASALT.

NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

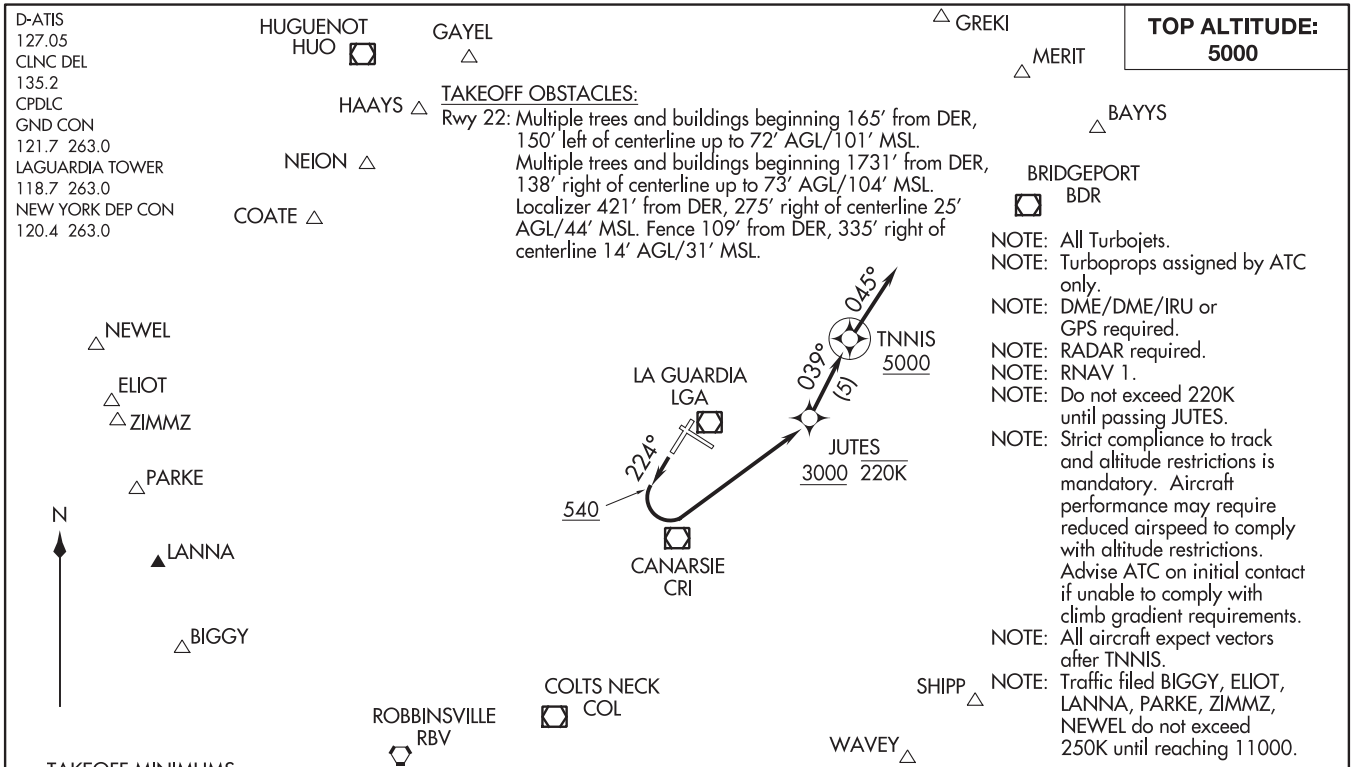
TAKEOFF RUNWAY 22: Climb heading 224° to intercept course 189° to cross HOPEA at or above 2500, then on track 189° to cross CRI VOR/DME at or above 5000, then on track 224° to ASALT, then on track 224° for vectors on course. Maintain 5000 or as assigned by ATC. Expect clearance to filed altitude/flight level 10 minutes after departure.

NE-2, 10 SEP 2020 to 05 NOV 2020
NE-2, 10 SEP 2020 to 05 NOV 2020

TOP ALTITUDE: 5000

D-ATIS
127.05
CLNC DEL
135.2
CPDLC
GND CON
121.7 263.0
LAGUARDIA TOWER
118.7 263.0
NEW YORK DEP CON
120.4 263.0

TAKEOFF OBSTACLES:
Rwy 22: Multiple trees and buildings beginning 165′ from DER, 150′ left of centerline up to 72′ AGL/101′ MSL. Multiple trees and buildings beginning 1731′ from DER, 138′ right of centerline up to 73′ AGL/104′ MSL. Localizer 421′ from DER, 275′ right of centerline 25′ AGL/44′ MSL. Fence 109′ from DER, 335′ right of centerline 14′ AGL/31′ MSL.



NOTE: All Turbojets.
NOTE: Turboprops assigned by ATC only.
NOTE: DME/DME/IRU or GPS required.
NOTE: RADAR required.
NOTE: RNAV 1.
NOTE: Do not exceed 220K until passing JUTES.
NOTE: Strict compliance to track and altitude restrictions is mandatory. Aircraft performance may require reduced airspeed to comply with altitude restrictions. Advise ATC on initial contact if unable to comply with climb gradient requirements.
NOTE: All aircraft expect vectors after TNNIS.
NOTE: Traffic filed BIGGY, ELIOT, LANNA, PARKE, ZIMMZ, NEWEL do not exceed 250K until reaching 11000.

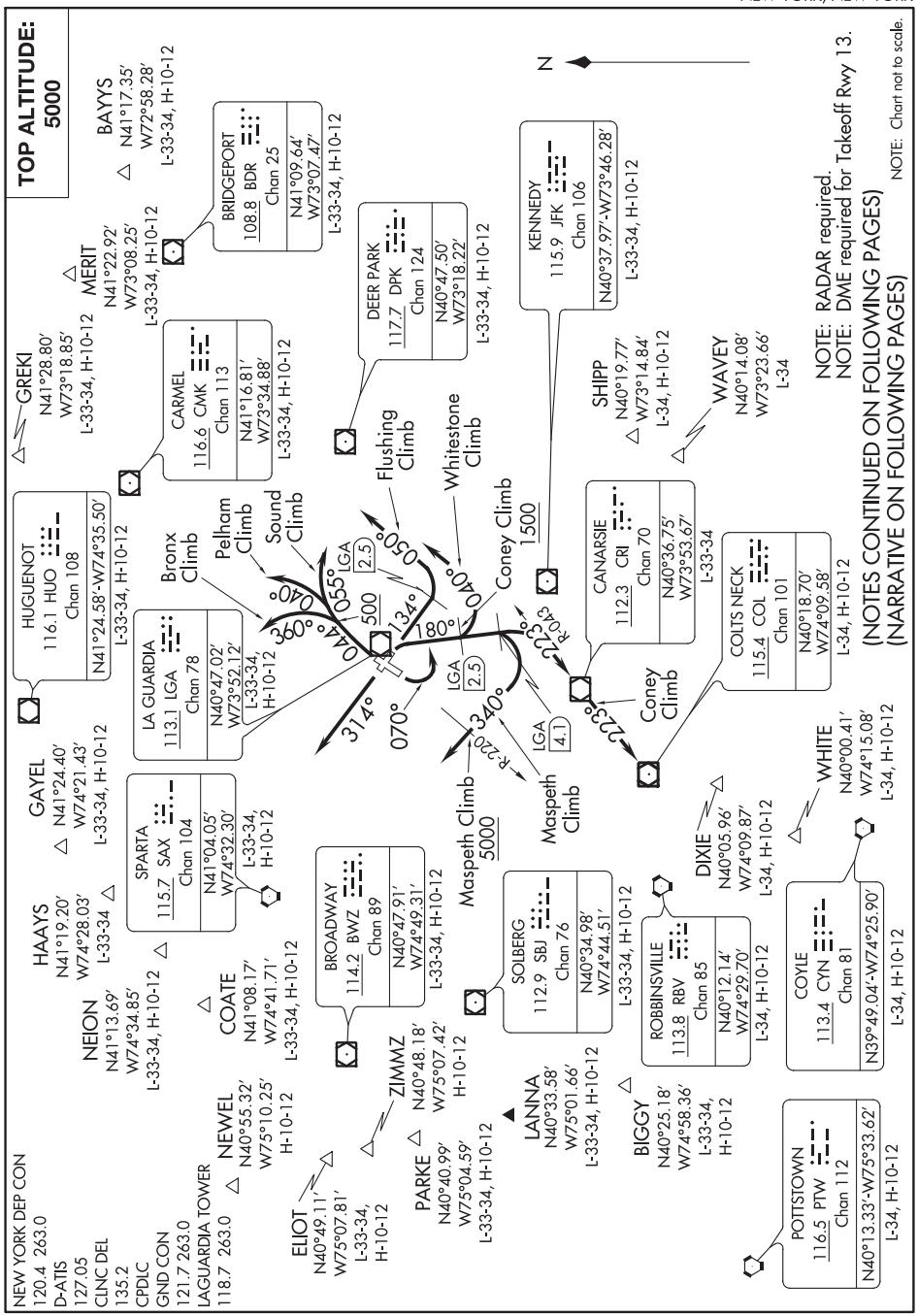
TAKEOFF MINIMUMS:
Rwys 4, 13, 31: NA-ATC.
Rwy 22: Standard with minimum climb of 501′ per NM to 540, then ATC climb of 356′ per NM to 3000, then ATC climb of 374′ per NM to 5000.

NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RWY 22: Climb heading 224° to 540, then climbing left turn direct JUTES, cross JUTES at or above 3000, then on track 039° to cross TNNIS at or above 5000, then on heading 045° for vectors on course. Maintain 5000 or as assigned by ATC. Expect clearance to filed altitude/flight level 10 minutes after departure.

LAGUARDIA SIX DEPARTURE



LAGUARDIA SIX DEPARTURE

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 4 (Bronx Climb): Climb on heading 044° to 500, then climbing left turn to heading 360°, maintain 5000, Thence....
TAKEOFF RUNWAY 4 (Pelham Climb): Climb on heading 044° to 500, then climbing left turn to heading 040°, maintain 5000, Thence....
TAKEOFF RUNWAY 4 (Sound Climb): Climb on heading 044° to 500, then climbing right turn to heading 055°, maintain 5000, Thence....
TAKEOFF RUNWAY 13 (Coney Climb): TURBOJETS ONLY - Requires minimum ATC climb of 900′ per NM to 1500, if unable, advise ATC prior to taxiing onto the departure runway: Climbing right turn to heading 180° to intercept CRI R-043 (do not exceed 230K until intercepting CRI R-043) to CRI VOR/DME, then on CRI R-223. Cross LGA 2.5 DME at or above 1500, maintain 5000, Thence....
TAKEOFF RUNWAY 13 (Flushing Climb): Climb heading 134° to LGA 2.5 DME, then climbing left turn to heading 050°, maintain 5000, Thence....
TAKEOFF RUNWAY 13 (Maspeth Climb): TURBOJETS ONLY - Requires minimum ATC climb of 900′ per NM to 4400, if unable, advise ATC prior to taxiing onto the departure runway: Climbing right turn to heading 180°, at LGA 4.1 DME turn right heading 340°, maintain 5000, cross LGA R-220 at or above 5000, Thence....
TAKEOFF RUNWAY 13 (Whitestone Climb): Requires minimum ATC climb of 500′ per NM to 1500, if unable advise ATC prior to taxiing onto the departure runway: Climbing right turn to heading 180° to LGA 2.5 DME, then left turn heading 040° (do not exceed 210K until established on heading 040°). Maintain 5000, Thence....
TAKEOFF RUNWAY 22: Climbing left turn heading 070°, maintain 5000, Thence....
TAKEOFF RUNWAY 31: Climb on heading 314° (or as assigned by ATC), maintain 5000, Thence....

....for vectors to assigned route/fix. Expect clearance to filed altitude/flight level within ten (10) minutes after departure.

TAKEOFF MINIMUMS:
Rwy 4: Standard.
Rwy 13 (Coney Climb): 400-2¼ or Standard with minimum climb of 283′ per NM to 300. ATC climb of 900′ per NM to 1500.
Rwy 13 (Maspeth Climb): Standard with minimum climb of 323′ per NM to 2100. ATC climb of 900′ per NM to 4400.
Rwy 13 (Flushing Climb): 400-2¼ or Standard with minimum climb of 283′ per NM to 300. ATC climb of 283′ per NM to 500.
Rwy 13 (Whitestone Climb): 400-2¼ or Standard with minimum climb of 283′ per NM to 300. ATC climb of 500′ per NM to 1500.
Rwy 22: 300-2¼ or Standard with minimum climb of 210′ per NM to 400, or alternatively, with Standard takeoff minimums and a normal 200′ per NM climb gradient, takeoff must occur no later than 1100′ prior to DER.
Rwy 31: 300-1⅝ or Standard with minimum climb of 334′ per NM to 500.

(CONTINUED ON FOLLOWING PAGE)

(NOTES CONTINUED)

NOTE: Rwy 31 Departures: Expect turn on course leaving 6000.
NOTE: Traffic filed over BIGGY, LANNA, ELIOT, PARKE, ZIMMZ, NEWEL: Do not exceed 250 KIAS until reaching 11000.
NOTE: BAYYS Departures expect vectors to SAX/SAX R-054.
NOTE: COATE Departures expect vectors to SAX/SAX R-311.
NOTE: SHIPP Departures expect vectors to JFK/JFK R-139.
NOTE: WAVEY Departures expect vectors to JFK/JFK R-156.
NOTE: WHITE Departures expect vectors to COL/COL R-204.
NOTE: BIGGY Departures expect vectors to SBJ/SBJ R-237.
NOTE: DIXIE Departures expect vectors to COL/COL R-192.
NOTE: ELIOT Departures expect vectors to SAX R-252. ELIOT authorized for all aircraft types but restricted to a final altitude of 14000 or 16000.
NOTE: ZIMMZ Departures expect vectors to SAX R-250. ZIMMZ authorized for all aircraft types but restricted to a final altitude of FL180 and above.
NOTE: NEWEL Departures expect vectors to SAX R-264. NEWEL authorized only for jet aircraft requesting a final altitude of FL180 and above.
NOTE: GAYEL Departures expect vectors to DPK R-320.
NOTE: LANNA Departures expect vectors to PTW R-059.
NOTE: MERIT Departures expect vectors to LGA R-055.
NOTE: NEION Departures expect vectors to LGA R-322.
NOTE: PARKE Departures expect vectors to BWZ/BWZ R-250.
NOTE: HAAYS Departures expect vectors to HUO.

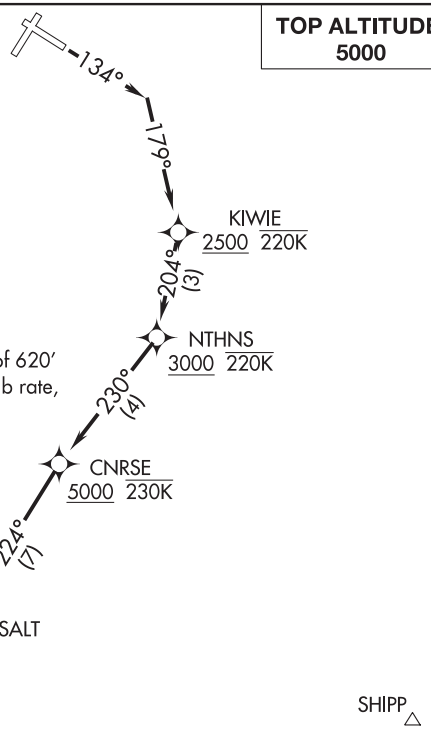
(NTHNS5.NTHNS) 20142 AL-289 (FAA)

NTHNS FIVE DEPARTURE (RNAV)

LAGUARDIA (LGA)
NEW YORK, NEW YORK

TOP ALTITUDE: 5000

D-ATIS
127.05
CLNC DEL
135.2
CPDLC
GND CON
121.7 263.0
LAGUARDIA TOWER
118.7 263.0
NEW YORK DEP CON
120.4 263.0



TAKEOFF MINIMUMS
Rwys 4, 22, 31: NA-ATC.
Rwy 13: Standard with minimum climb gradient of 620′ per NM to 2500. If unable to accept climb rate, advise ATC on initial contact.

NOTE: For turbojet aircraft only.
NOTE: RADAR required.
NOTE: DME/DME/IRU or GPS required.
NOTE: RNAV 1.
NOTE: Strict compliance to track and altitude restrictions is mandatory. Aircraft performance may require reduced airspeed to comply with altitude restrictions. Advise ATC on initial contact if unable to comply with climb gradient requirements.
NOTE: Aircraft filed RBV, WHITE, SHIPP, WAVEY, DIXIE: Expect RADAR vectors after ASALT.

NOTE: Chart not to scale.

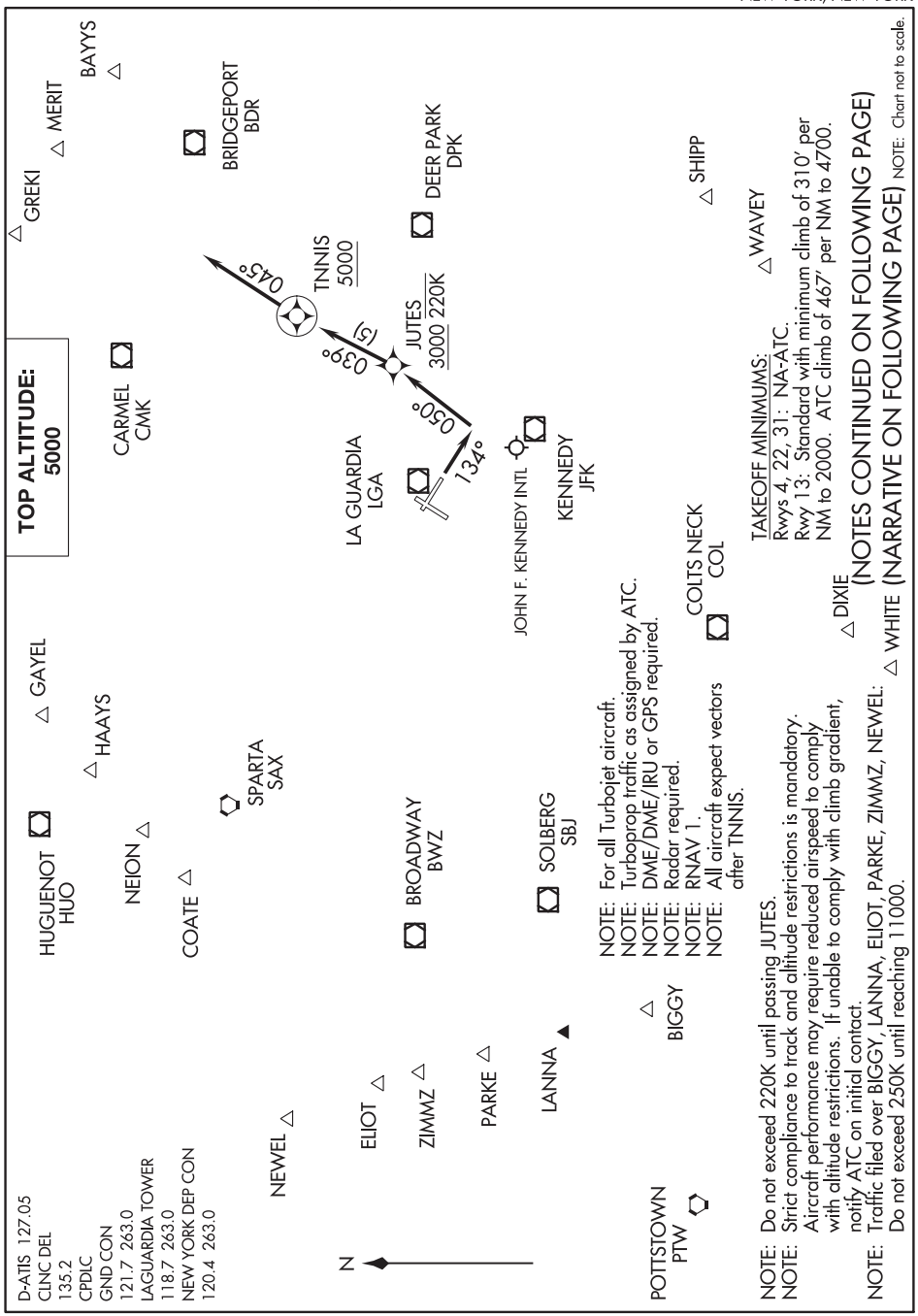
DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 13: Climb on heading 134° to intercept course 179° to cross KIWIE at or above 2500 and at or below 220K, then on track 204° to cross NTHNS at or above 3000 and at or below 220K, then on track 230° to CNRSE at or above 5000 and at or below 230K, then on depicted route to ASALT, then on track 224°for RADAR vector on course. Maintain 5000 or as assigned by ATC. Expect clearance to filed altitude/flight level 10 minutes after departure.

NE-2, 10 SEP 2020 to 05 NOV 2020

NTHNS FIVE DEPARTURE (RNAV)
(NTHNS5.NTHNS) 21MAY20
NEW YORK, NEW YORK
LAGUARDIA (LGA)

TNNIS SIX DEPARTURE (RNAV)



NE-2, 10 SEP 2020 to 05 NOV 2020

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RWY 13: Climb heading 134° to intercept course 050° to cross JUTES at or above 3000, then on track 039° to cross TNNIS at or above 5000, then on heading 045°, expect vectors after TNNIS, thence....

....maintain 5000 or as assigned by ATC. Expect clearance to filed altitude/flight level within ten (10) minutes after departure.

NOTE: BAYYS departures expect vectors to BDR/BDR R-054.
NOTE: COATE departures expect vectors to SAX/SAX R-311.
NOTE: SHIPP departures expect vectors to JFK/JFK R-139.
NOTE: WAVEY departures expect vectors to JFK/JFK R-156.
NOTE: WHITE departures expect vectors to COL/COL R-204.
NOTE: BIGGY departures expect vectors to SBJ/SBJ R-237.
NOTE: DIXIE departures expect vectors to COL/COL R-192.
NOTE: ELIOT departures expect vectors to SAX R-252. ELIOT authorized only for aircraft requesting a final altitude of 14000 or 16000.
NOTE: GAYEL departures expect vectors to DPK R-320.
NOTE: GREKI departures expect vectors to CMK R-057.
NOTE: LANNA departures expect vectors to PTW R-059.
NOTE: MERIT departures expect vectors to LGA R-055.
NOTE: NEION departures expect vectors to LGA R-322.
NOTE: PARKE departures expect vectors to BWZ/BWZ R-250.
NOTE: HAAYS departures expect vectors to HUO.
NOTE: ZIMMZ departures expect vectors to SAX R-250. ZIMMZ authorized only for aircraft requesting a final altitude of FL180 and above.
NOTE: NEWEL departures expect vectors to SAX R-264. NEWEL authorized only for aircraft requesting a final altitude of at or above FL180.

LOC/DME I-ISP 108.3 Chan 20	APP CRS 059°	Rwy ldg 7006 TDZE 94 Apt Elev 99

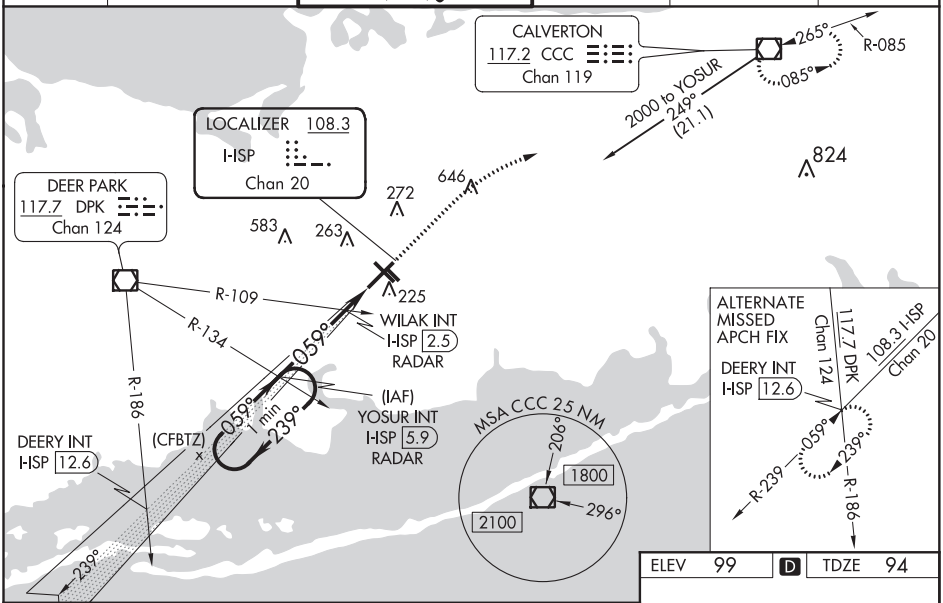
ILS or LOC RWY 6
LONG ISLAND MAC ARTHUR (ISP)

When local altimeter setting not received, use Shirley altimeter setting and increase all DA 28 feet and all MDA 40 feet, increase S-LOC 6 Cat C and D visibility to RVR 4500 and Circling Cat C and D visibility ¼ mile. Increase WILAK fix minimums S-LOC 6 Cat C and D visibility to RVR 3500. For inoperative MALSR, increase S-LOC 6 Cat C and D visibility to RVR 6000. Increase WILAK fix minimums S-LOC 6 Cats C and D visibility to RVR 5500.
** RVR 1800 authorized with use of FD or AP or HUD to DA, NA when using Shirley altimeter setting.

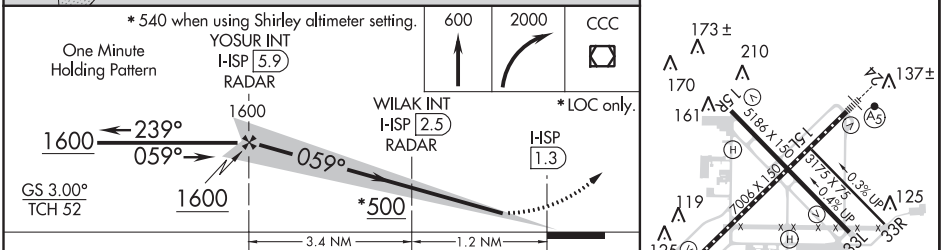
MALSR A5

MISSED APPROACH: Climb to 600 then climbing right turn to 2000 direct CCC VOR/DME and hold.

ATIS	NEW YORK APP CON	LONG ISLAND TOWER*	GND CON	CLNC DEL	UNICOM
120.725	120.05 343.75	119.3 (CTAF) L 335.5	135.3	121.85	122.95



ELEV 99	D	TDZE 94



CATEGORY	A	B	C	D
S-ILS 6	** 294/24 200 (200-½)			
S-LOC 6	500/24 406 (500-½)		500/40 406 (500-¾)	
C CIRCLING	600-1 501 (600-1)	660-1 561 (600-1)	660-1½ 561 (600-1½)	960-2¾ 861 (900-2¾)
WILAK FIX MINIMUMS (DUAL VOR RECEIVERS OR DME REQUIRED)				
S-LOC 6	440/24 346 (400-½)		440/30 346 (400-⅝)	
C CIRCLING	600-1 501 (600-1)	660-1 561 (600-1)	660-1½ 561 (600-1½)	960-2¾ 861 (900-2¾)

FAF to MAP 4.6 NM

Knots	60	90	120	150	180
Min:Sec	4:36	3:04	2:18	1:50	1:32

NE-2, 10 SEP 2020 to 05 NOV 2020
NE-2, 10 SEP 2020 to 05 NOV 2020

NEW YORK, NEW YORK AL-948 (FAA) 20086

ILS or LOC RWY 24
LONG ISLAND MAC ARTHUR (ISP)

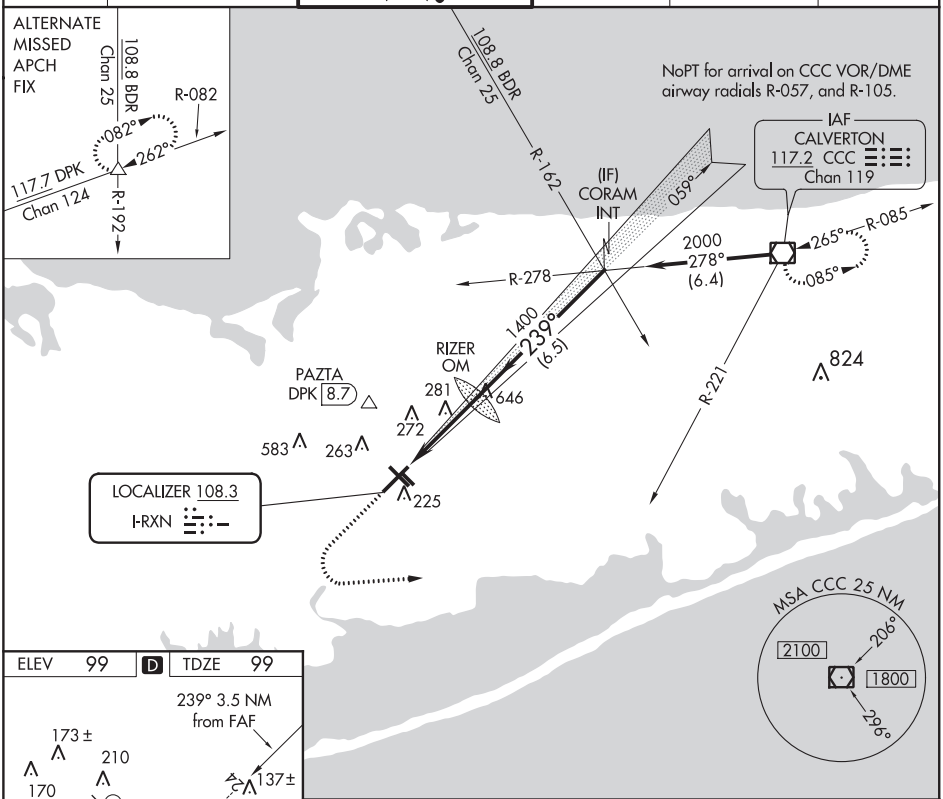
LOC I-RXN	APP CRS	Rwy ldg	7006
108.3	239°	TDZE	99
		Apt Elev	99

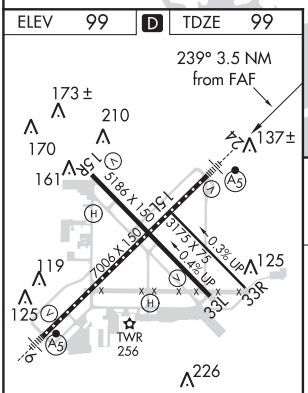
Autopilot coupled approach NA below 800.

MALSR

MISSED APPROACH: Climb to 2000, then left turn on heading 100° and CCC R-221 to CCC VOR/DME and hold.

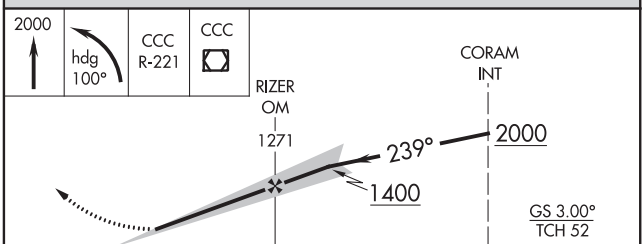
ATIS	NEW YORK APP CON	LONG ISLAND TOWER★	GND CON	CLNC DEL	UNICOM
120.725	120.05 343.75	119.3 (CTAF) L 335.5	135.3	121.85	122.95





MIRL Rwy 15R-33L L
HIRL Rwy 6-24 L

FAF to MAP 3.5 NM					
Knots	60	90	120	150	180
Min:Sec	3:30	2:20	1:45	1:24	1:10



CATEGORY	A	B	C	D
S-ILS 24	299/18 200 (200-½)			
S-LOC 24	520/24 421 (500-½)		520/40 421 (500-¾)	
C CIRCLING	600-1 501 (600-1)	660-1 561 (600-1)	660-1½ 561 (600-1½)	960-2¾ 861 (900-2¾)

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

NEW YORK, NEW YORK
Amdt 4D 10OCT19

40°48′N-73°06′W

LONG ISLAND MAC ARTHUR (ISP)
ILS or LOC RWY 24

LOC/DME I-ISP 108.3 Chan 20	APP CRS 059°	Rwy ldg 7006 TDZE 94 Apt Elev 99

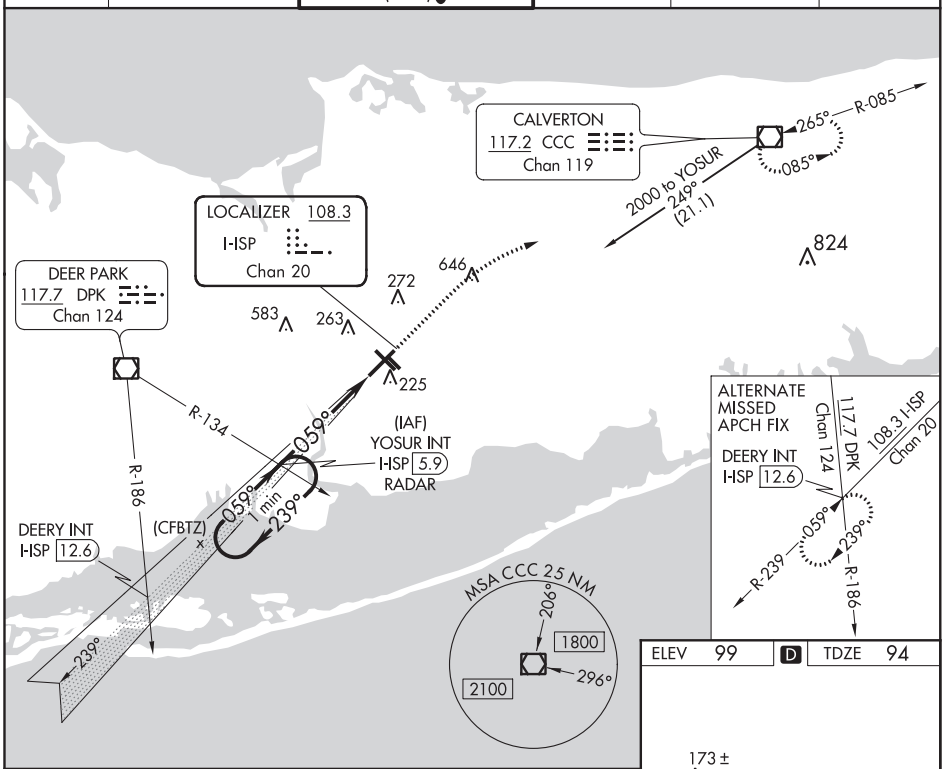
ILS RWY 6 (SA CAT I & II)
LONG ISLAND MAC ARTHUR (ISP)

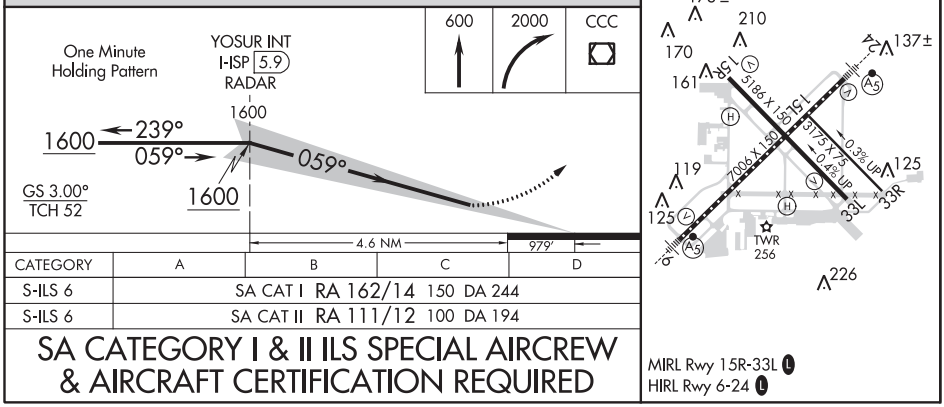
Procedure NA when tower closed. SA CAT I: Requires specific OPSPEC, MSPEC, or LOA approval and use of HUD to DH. SA CAT II: Reduced lighting: Requires specific OPSPEC, MSPEC, or LOA approval and use of autoland or HUD to touchdown.

MALSR

MISSED APPROACH: Climb to 600 then climbing right turn to 2000 direct CCC VOR/DME and hold.

ATIS	NEW YORK APP CON	LONG ISLAND TOWER*	GND CON	CLNC DEL	UNICOM
120.725	120.05 343.75	119.3 (CTAF) L 335.5	135.3	121.85	122.95





CATEGORY	A	B	C	D
S-ILS 6	SA CAT I RA 162/14 150 DA 244			
S-ILS 6	SA CAT II RA 111/12 100 DA 194			

SA CATEGORY I & II ILS SPECIAL AIRCREW & AIRCRAFT CERTIFICATION REQUIRED

NE-2, 10 SEP 2020 to 05 NOV 2020

WAAS CH 66010 W06A	APP CRS 059°	Rwy ldg 7006 TDZE 94 Apt Elev 99

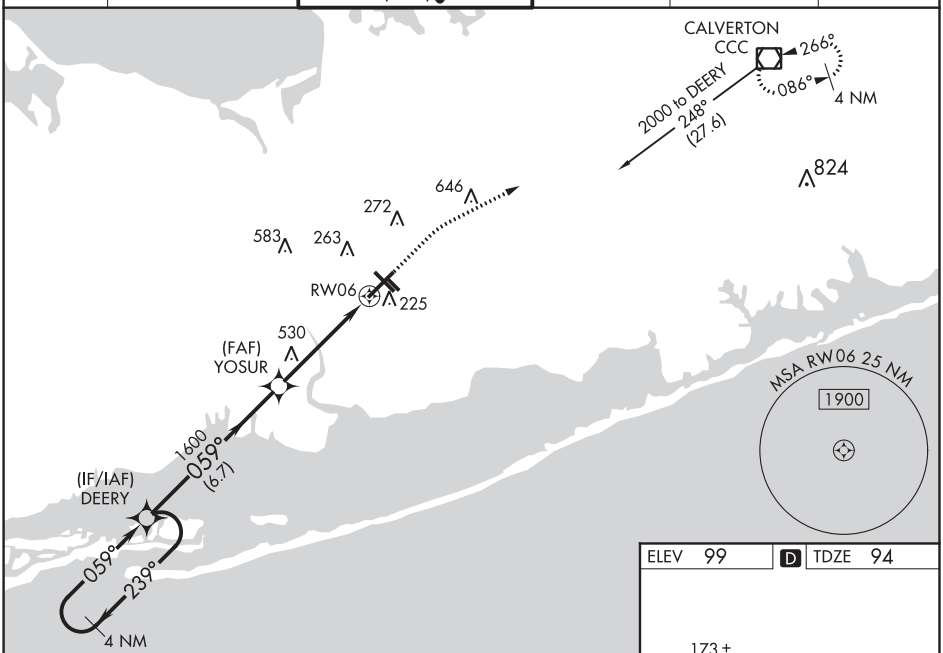
RNAV (GPS) RWY 6
LONG ISLAND MAC ARTHUR (ISP)

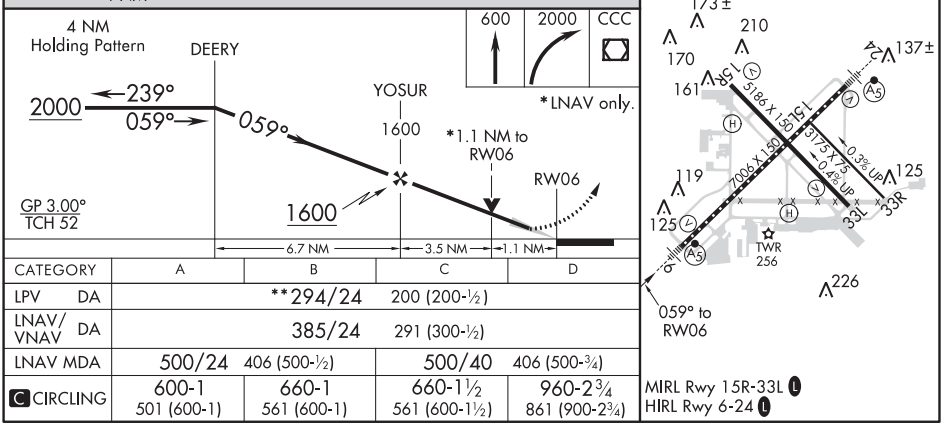
For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -14°C (7°F) or above 54°C (130°F). DME/DME RNP-0.3 NA. VDP and Baro-VNAV NA when using Shirley altimeter setting. When local altimeter setting not received, use Shirley altimeter setting and increase all DA 28 feet and all MDA 40 feet, increase LNAV/VNAV all Cats visibility to RVR 3000 and LNAV Cat C and D visibility to 4500. Increase Circling Cat C and D visibility ¼ mile. For inoperative MALSR, increase LNAV/VNAV all Cats visibility to RVR 4500 and LNAV Cat C and D to RVR 6000. For inoperative MALSR when using Shirley altimeter setting increase LNAV/VNAV all Cats visibility to RVR 5000. **RVR 1800 authorized with use of FD or AP or HUD to DA, NA when using Shirley altimeter setting.

MALSR

MISSED APPROACH: Climb to 600 climbing right turn to 2000 direct CCC VOR/DME and hold.

ATIS	NEW YORK APP CON	LONG ISLAND TOWER*	GND CON	CLNC DEL	UNICOM
120.725	120.05 343.75	119.3 (CTAF) L 335.5	135.3	121.85	122.95





CATEGORY	A	B	C	D
LPV DA	**294/24		200 (200-½)	
LNAV/VNAV DA	385/24		291 (300-½)	
LNAV MDA	500/24	406 (500-½)	500/40	406 (500-¾)
C CIRCLING	600-1 501 (600-1)	660-1 561 (600-1)	660-1½ 561 (600-1½)	960-2¾ 861 (900-2¾)

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

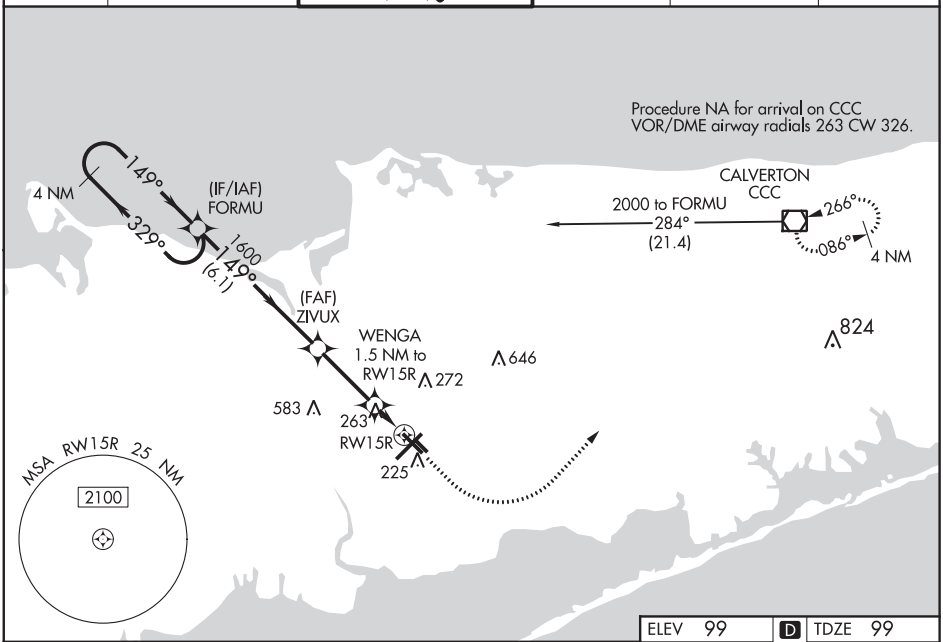
WAAS CH 53620 W15A	APP CRS 149°	Rwy ldg 5186 TDZE 99 Apt Elev 99

RNAV (GPS) RWY 15R
LONG ISLAND MAC ARTHUR (ISP)

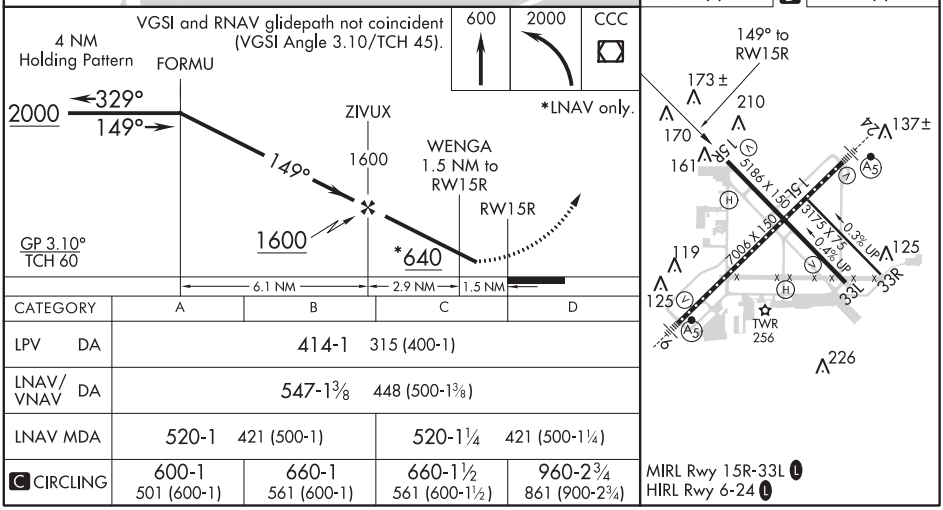
Baro-VNAV NA when using Shirley altimeter setting. For uncompensated Baro-VNAV systems, procedure NA below -14°C (7°F) or above 46°C (115°F). DME/DME RNP-0.3 NA. When local altimeter setting not received, use Shirley altimeter setting and increase LPV DA to 442 feet, LNAV/VNAV DA to 575 feet and LNAV/VNAV visibility all Cats ⅛ mile; all MDAs 40 feet, LNAV Cats C/D visibility ⅛ mile, and Circling Cats C/D visibility ¼ mile. Helicopter visibility reduction below SM NA.

MISSED APPROACH: Climb to 600 then climbing left turn to 2000 direct CCC VOR/DME and hold.

ATIS	NEW YORK APP CON	LONG ISLAND TOWER*	GND CON	CLNC DEL	UNICOM
120.725	120.05 343.75	119.3 (CTAF) L 335.5	135.3	121.85	122.95



ELEV 99	D	TDZE 99



CATEGORY	A	B	C	D
LPV DA	414-1 315 (400-1)			
LNAV/VNAV DA	547-1⅜ 448 (500-1⅜)			
LNAV MDA	520-1 421 (500-1)		520-1¼ 421 (500-1¼)	
C CIRCLING	600-1 501 (600-1)	660-1 561 (600-1)	660-1½ 561 (600-1½)	960-2¾ 861 (900-2¾)

MIRL Rwy 15R-33L L
HIRL Rwy 6-24 L

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

NEW YORK, NEW YORK | AL-948 (FAA) | 19283

RNAV (GPS) RWY 24
LONG ISLAND MAC ARTHUR (ISP)

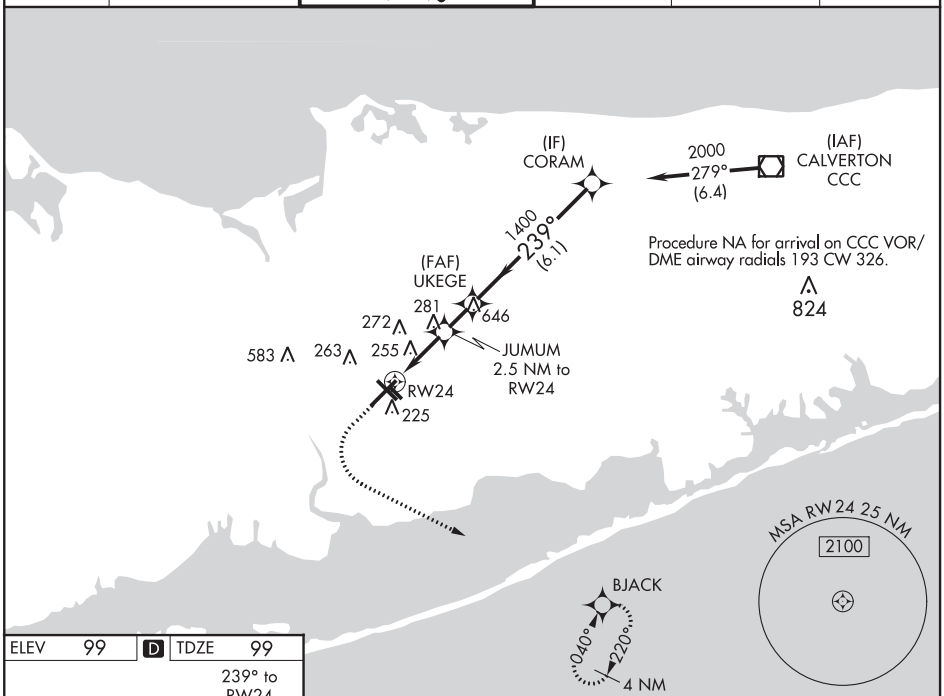
WAAS CH 82610 W24A	APP CRS 239°	Rwy ldg 7006 TDZE 99 Apt Elev 99

For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -15°C (5°F) or above 54°C (130°F). DME/DME RNP-0.3 NA.

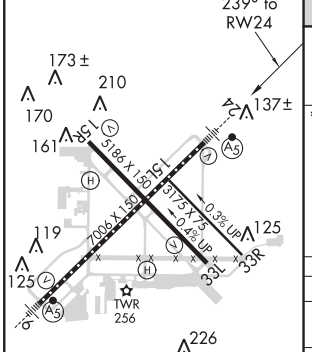
MALSR

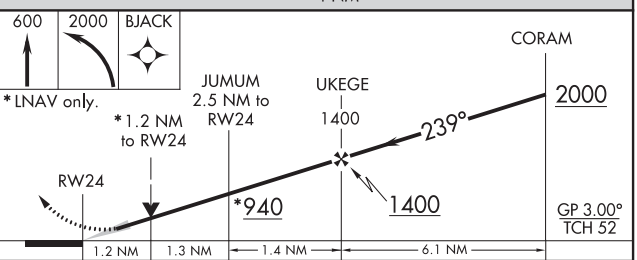
MISSED APPROACH: Climb to 600 then climbing left turn to 2000 direct BJACK and hold.

ATIS	NEW YORK APP CON	LONG ISLAND TOWER*	GND CON	CLNC DEL	UNICOM
120.725	120.05 343.75	119.3 (CTAF) L 335.5	135.3	121.85	122.95



ELEV 99 | D | TDZE 99





CATEGORY	A	B	C	D
LPV DA	299/18 200 (200-½)			
LNAV/VNAV DA	541/50 442 (500-1)			
LNAV MDA	520/24 421 (500-½)		520/40 421 (500-¾)	
C CIRCLING	600-1 501 (600-1)	660-1 561 (600-1)	660-1½ 561 (600-1½)	960-2¾ 861 (900-2¾)

MIRL Rwy 15R-33L L
HIRL Rwy 6-24 L

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

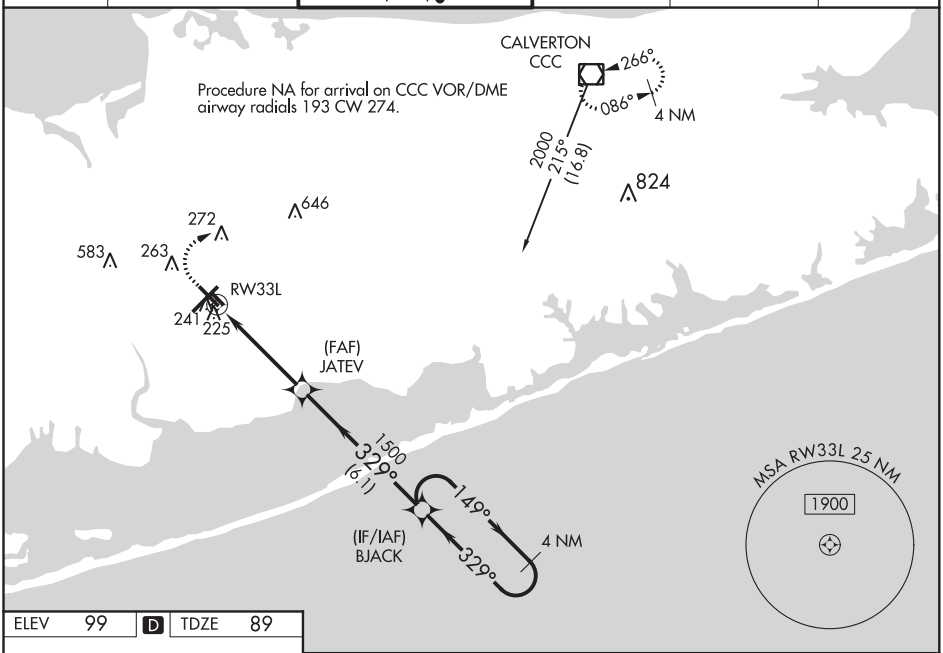
WAAS CH 49120 W33A	APP CRS 329°	Rwy ldg 5186 TDZE 89 Apt Elev 99

RNAV (GPS) RWY 33L
LONG ISLAND MAC ARTHUR (ISP)

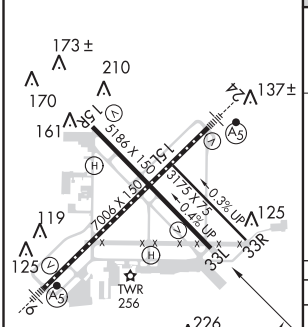
For uncompensated Baro-VNAV systems, LNAV/VNAV NA below 14°C (7°F) or above 54°C (130°F). DME/DME RNP-0.3 NA. When local altimeter setting not received, use Shirley altimeter setting and increase LPV DA to 367 feet, LNAV/VNAV DA to 440 feet and LPV and LNAV/VNAV visibility all Cats ⅛ mile, all MDA 40 feet, increase LNAV Cats C/D visibility ⅛ mile, and Circling Cats C/D visibility ¼ mile. VDP and Baro-VNAV NA when using Shirley altimeter setting. Helicopter visibility reduction below ¾ SM NA.

MISSED APPROACH: Climb to 600 then climbing right turn to 2000 direct CCC VOR/DME and hold.

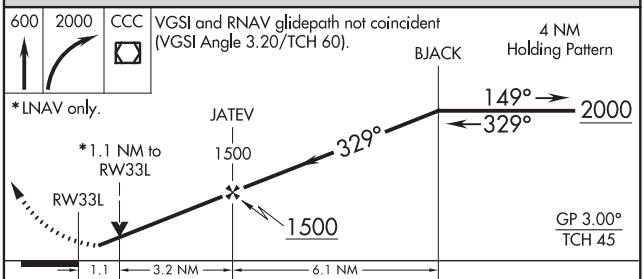
ATIS	NEW YORK APP CON	LONG ISLAND TOWER*	GND CON	CLNC DEL	UNICOM
120.725	120.05 343.75	119.3 (CTAF) L 335.5	135.3	121.85	122.95



ELEV 99	D	TDZE 89



MIRL Rwy 15R-33L L
HIRL Rwy 6-24 L



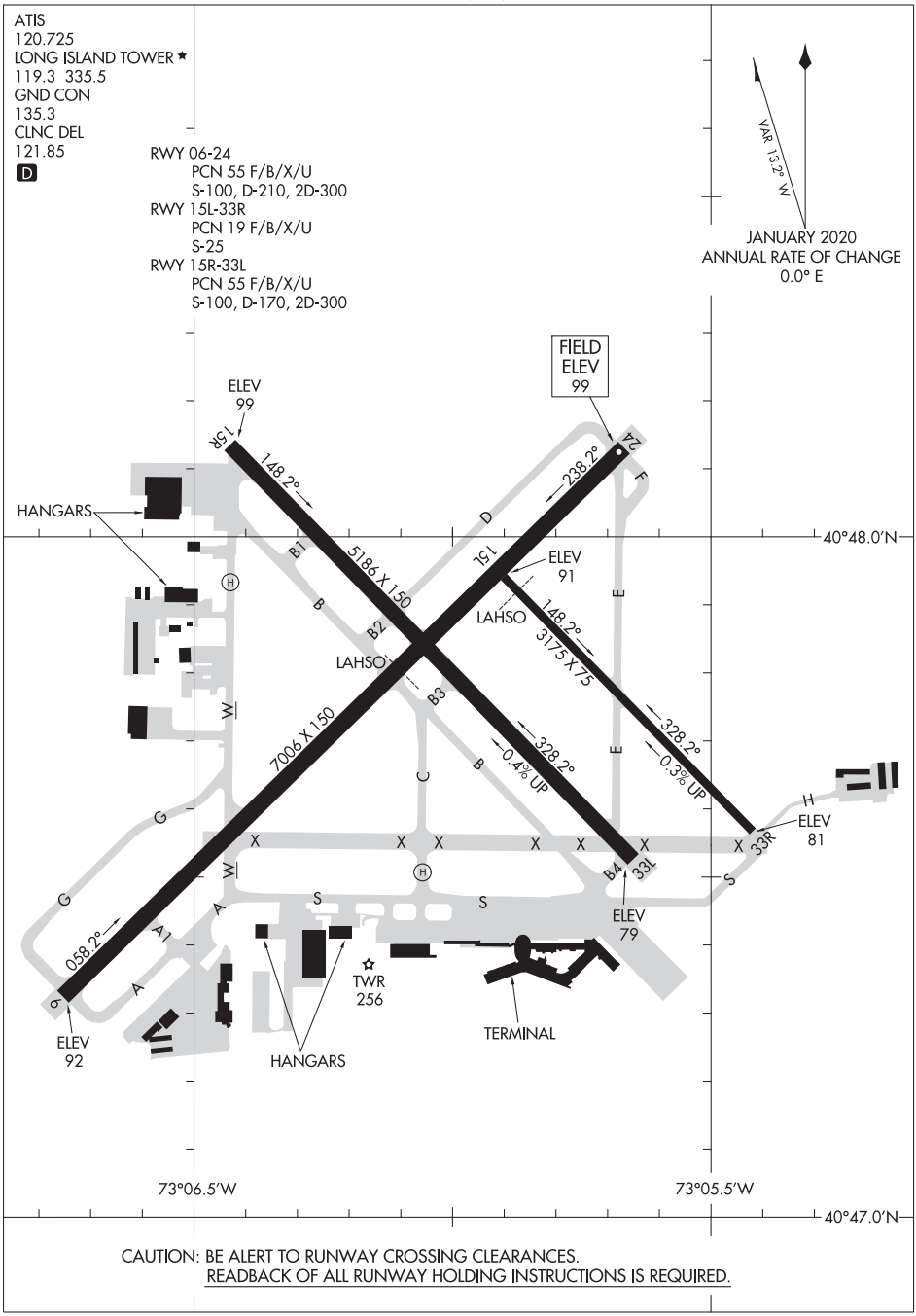
CATEGORY	A	B	C	D
LPV DA	339-⅞ 250 (300-⅞)			
LNAV/VNAV DA	412-1⅛ 323 (400-1⅛)			
LNAV MDA	500-1 411 (500-1)		500-1¼	411 (500-1¼)
C CIRCLING	600-1 501 (600-1)	660-1 561 (600-1)	660-1½ 561 (600-1½)	960-2¾ 861 (900-2¾)

20086

AIRPORT DIAGRAM

AL-948 (FAA)

LONG ISLAND MAC ARTHUR (ISP)
NEW YORK, NEW YORK



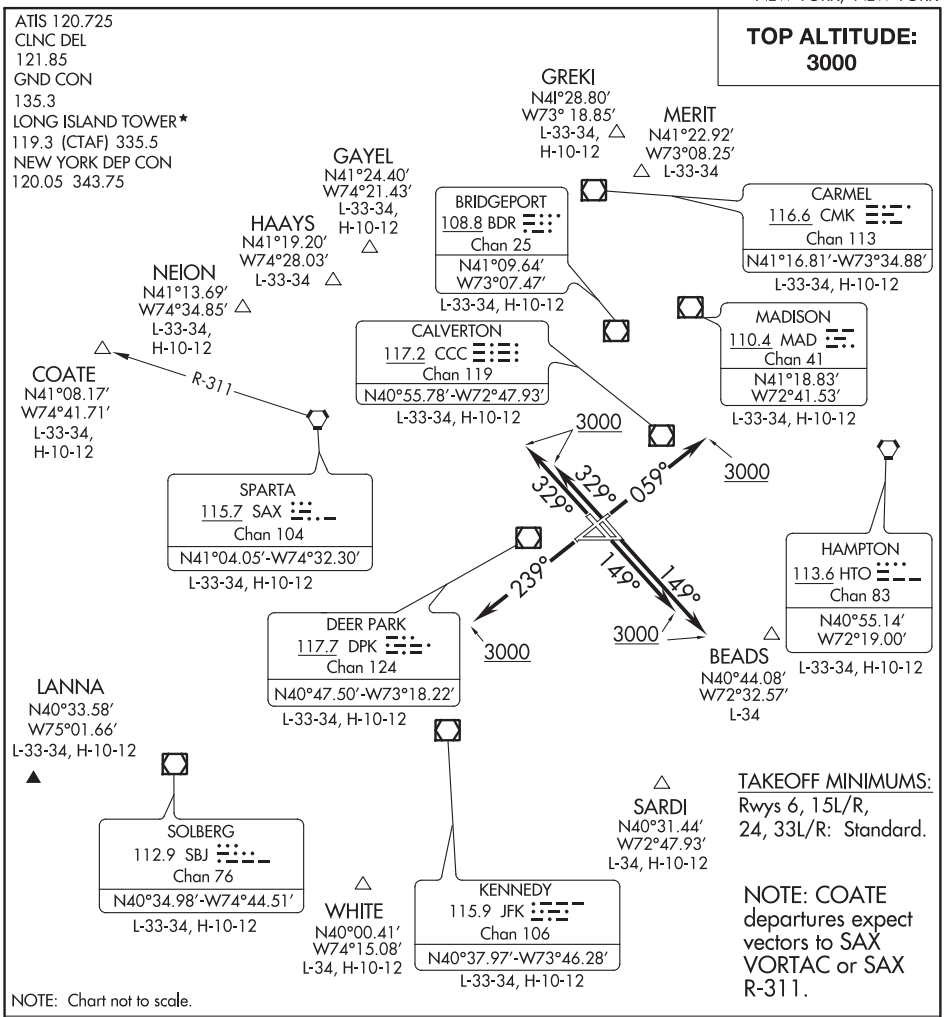
CAUTION: BE ALERT TO RUNWAY CROSSING CLEARANCES.
READBACK OF ALL RUNWAY HOLDING INSTRUCTIONS IS REQUIRED.

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

AIRPORT DIAGRAM
20086
NEW YORK, NEW YORK
LONG ISLAND MAC ARTHUR (ISP)

LONG ISLAND SEVEN DEPARTURE



NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 6: Climb heading 059° to 3000, thence....
TAKEOFF RUNWAYS 15L/15R: Climb heading 149° to 3000, thence....
TAKEOFF RUNWAY 24: Climb heading 239° to 3000, thence....
TAKEOFF RUNWAYS 33L/33R: Climb heading 329° to 3000, thence....

....on vectors to assigned route/fix. Maintain 3000, expect clearance to filed altitude/flight level 10 minutes after departure.

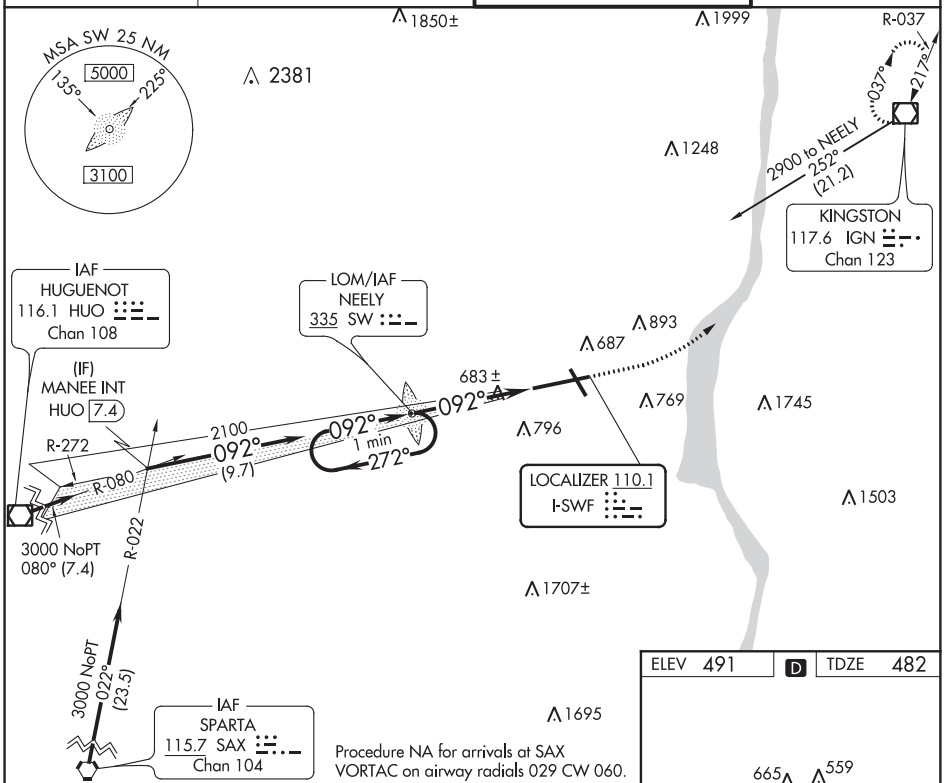
LOC I-SWF	APP CRS	Rwy ldg	8817
110.1	092°	TDZE	482
		Apt Elev	491

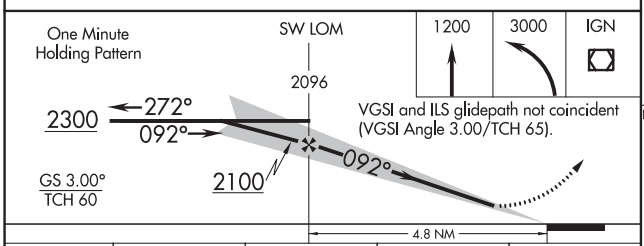
ILS or LOC RWY 9
NEW YORK STEWART INTL (SWF)

ALSF-2

MISSED APPROACH: Climb to 1200 then climbing left turn to 3000 direct IGN VOR/DME and hold.

ATIS	NEW YORK APP CON	STEWART TOWER	GND CON
124.575	132.75 363.1	121.0 254.4	121.9





CATEGORY	A	B	C	D
S-ILS 9	682/18 200 (200-½)			
S-LOC 9	940/24 458 (500-½)		940/50 458 (500-1)	
C CIRCLING	1200-1 709 (800-1)		1200-2 709 (800-2)	1200-2¼ 709 (800-2¼)

TDZ/CL Rwy 9
HIRL Rwys 9-27 and 16-34
REIL Rwys 16, 27 and 34

FAF to MAP 4.8 NM					
Knots	60	90	120	150	180
Min:Sec	4:48	3:12	2:24	1:55	1:36

NE-2, 10 SEP 2020 to 05 NOV 2020

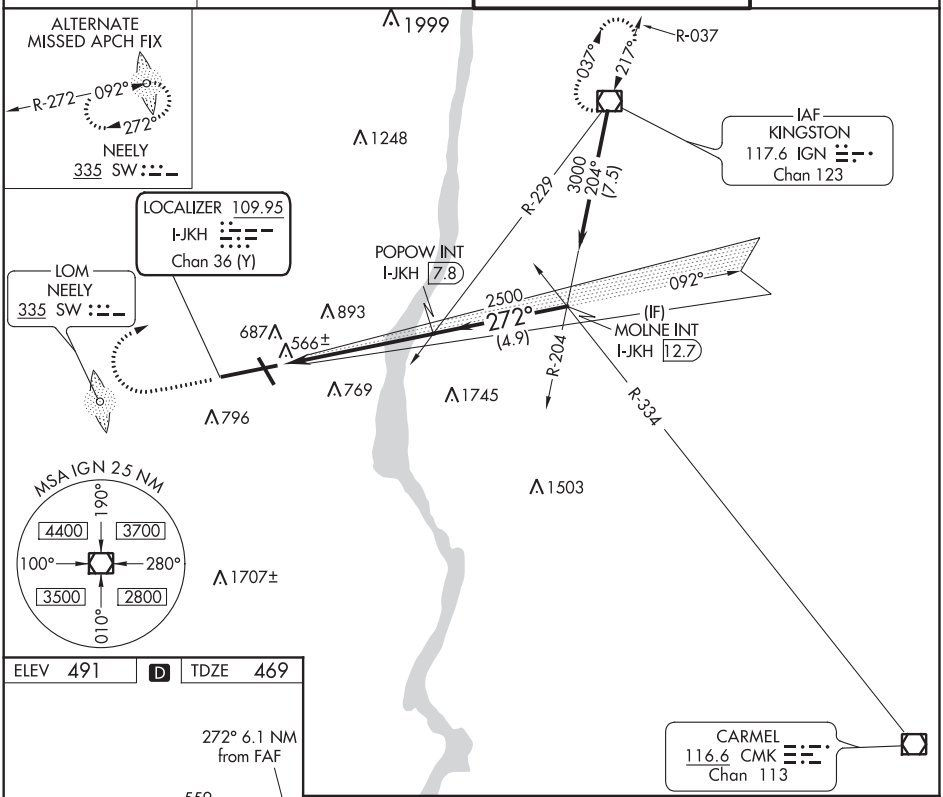
NE-2, 10 SEP 2020 to 05 NOV 2020

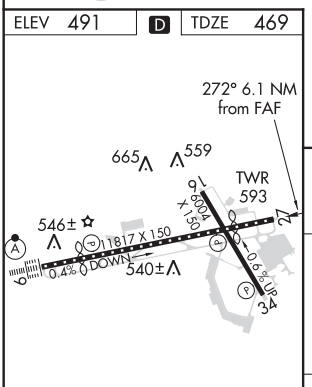
ILS or LOC RWY 27
NEW YORK STEWART INTL (SWF)

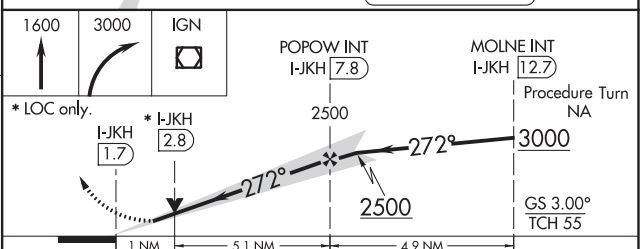
LOC/DME I-JKH	APP CRS	Rwy ldg	9817
109.95	272°	TDZE	469
Chan 36 (Y)		Apt Elev	491

MISSED APPROACH: Climb to 1600 then climbing right turn to 3000 direct IGN VOR/DME and hold.

ATIS	NEW YORK APP CON	STEWART TOWER	GND CON
124.575	132.75 363.1	121.0 254.4	121.9







TDZ/CL Rwy 9
HIRL Rwys 9-27 and 16-34
REIL Rwys 16, 27 and 34

FAF to MAP 6.1 NM					
Knots	60	90	120	150	180
Min:Sec	6:06	4:04	3:03	2:26	2:02

CATEGORY	A	B	C	D
S-ILS 27	719-1 250 (300-1)			
S-LOC 27	840-1 371 (400-1)			840-1¼ 371 (400-1¼)
C CIRCLING	1200-1 709 (800-1)		1200-2 709 (800-2)	1200-2¼ 709 (800-2¼)

NE-2, 10 SEP 2020 to 05 NOV 2020
NE-2, 10 SEP 2020 to 05 NOV 2020

NEW YORK, NEW YORK | AL-450 (FAA) | 20254

LOC I-SWF	APP CRS	Rwy ldg	8817
110.1	092°	TDZE	482
		Apt Elev	491

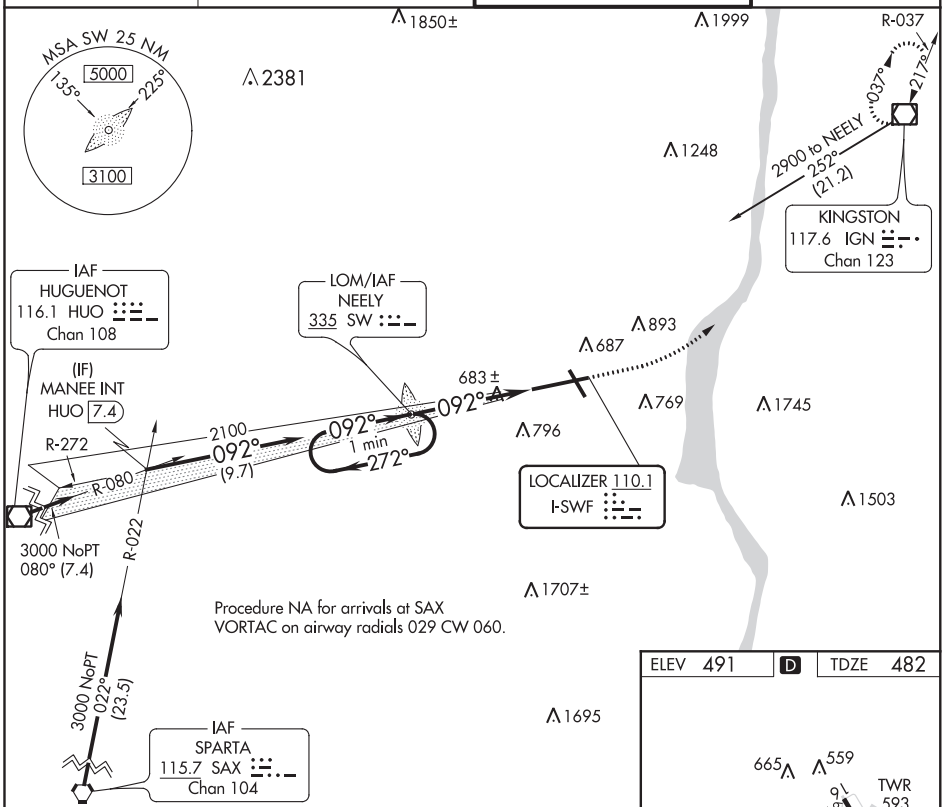
ILS RWY 9 (SA CAT I)
NEW YORK STEWART INTL (SWF)

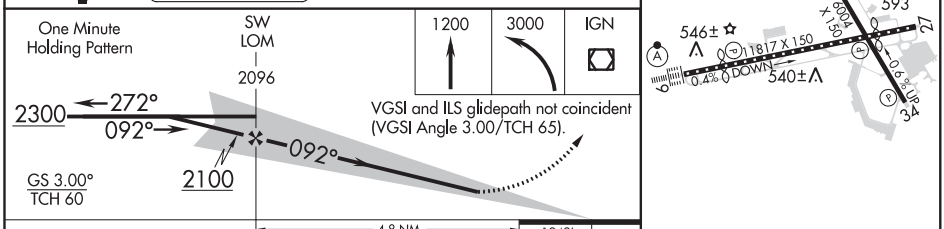
Requires specific OPSPEC, MSPEC, or LOA approval and use of HUD to DH.

ALSF-2

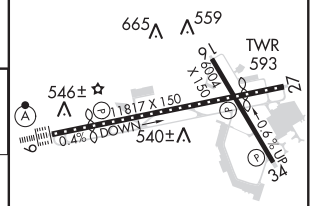
MISSED APPROACH: Climb to 1200 then climbing left turn to 3000 direct IGN VOR/DME and hold.

ATIS	NEW YORK APP CON	STEWART TOWER	GND CON
124.575	132.75 363.1	121.0 254.4	121.9





ELEV 491 | D | TDZE 482



CATEGORY	A	B	C	D
S-ILS 9	RA 142/14 150 DA 632			

SA CATEGORY I ILS - SPECIAL AIRCREW & AIRCRAFT CERTIFICATION REQUIRED

TDZ/CL Rwy 9
HIRL Rwys 9-27 and 16-34
REIL Rwys 16, 27 and 34

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

LOC I-SWF	APP CRS	Rwy ldg	8817
110.1	092°	TDZE	482
		Apt Elev	491

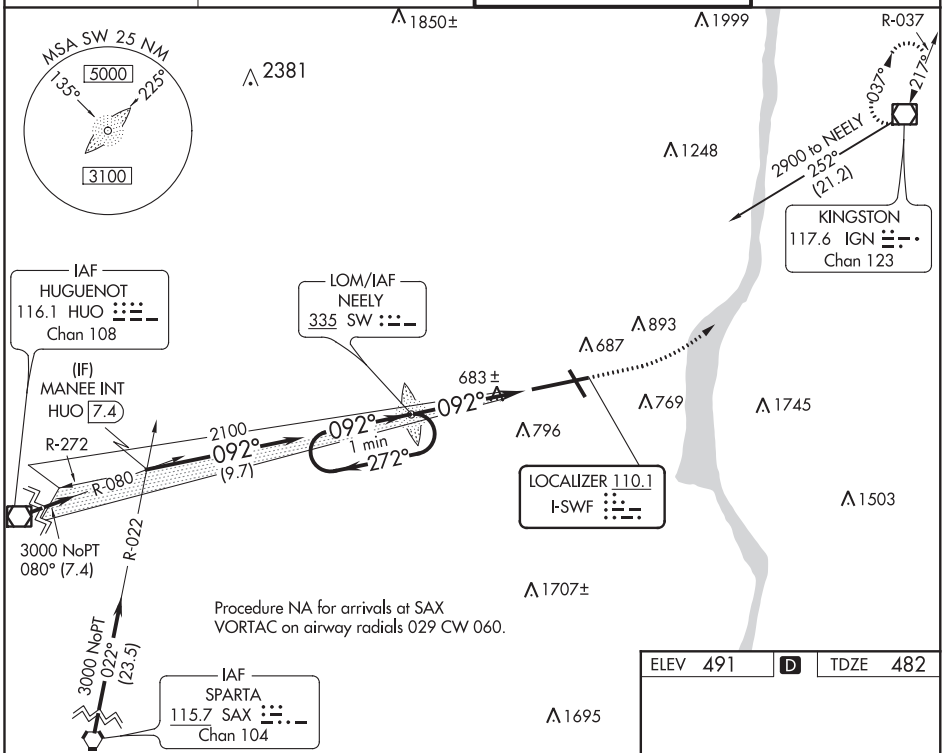
ILS RWY 9 (CAT II & III)
NEW YORK STEWART INTL (SWF)

CAT II: RVR 1000 authorized with specific OPSEC, MSPEC, or LOA and use of autoland or HUD to touchdown.

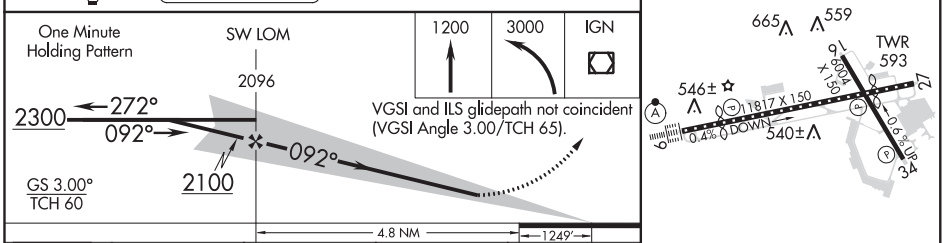
ALSF-2

MISSED APPROACH: Climb to 1200 then climbing left turn to 3000 direct IGN VOR/DME and hold.

ATIS	NEW YORK APP CON	STEWART TOWER	GND CON
124.575	132.75 363.1	121.0 254.4	121.9



ELEV 491 D TDZE 482



CATEGORY	A	B	C	D
S-ILS 9	CAT II RA 97/12 100 DA 582			
S-ILS 9	CAT IIIa RVR 07			
S-ILS 9	CAT IIIb RVR 06			
S-ILS 9	CAT IIIc NA			

CATEGORY II & III ILS SPECIAL AIRCREW & AIRCRAFT CERTIFICATION REQUIRED

TDZ/CL Rwy 9
HIRL Rwys 9-27 and 16-34
REIL Rwys 16, 27 and 34

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

WAAS CH 62818 W09A	APP CRS 092°	Rwy ldg 8817 TDZE 482 Apt Elev 491

RNAV (GPS) RWY 9
NEW YORK STEWART INTL (SWF)

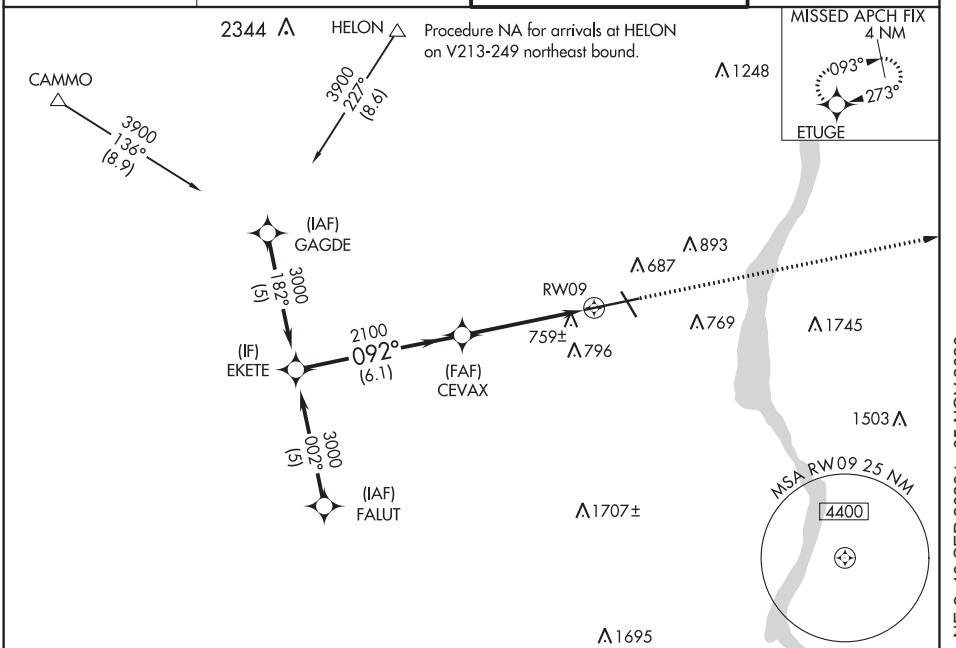
RNP APCH.

Inop table does not apply to LNAV/VNAV. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -15°C or above 54°C.

ALSF-2

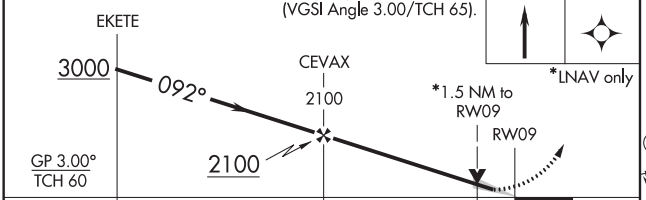
MISSED APPROACH: Climb to 3100 direct ETUGE and hold.

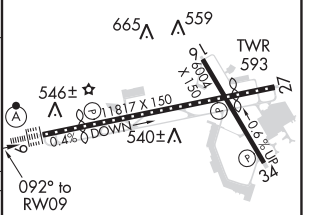
ATIS	NEW YORK APP CON	STEWART TOWER	GND CON
124.575	132.75 363.1	121.0 254.4	121.9



ELEV 491 D TDZE 482

VGSI and RNAV glidepath not coincident (VGSI Angle 3.00/TCH 65).





CATEGORY	A	B	C	D
LPV DA	682/24 200 (200-½)			
LNAV/VNAV DA	1098-2 616 (700-2)			
LNAV MDA	1020/24 538 (600-½)		1020/55 538 (600-1)	1020/60 538 (600-1¼)
C CIRCLING	1200-1 709 (800-1)		1200-2 709 (800-2)	1200-2¼ 709 (800-2¼)

TDZ/CL Rwy 9
HIRL Rwys 9-27 and 16-34
REIL Rwys 16, 27 and 34

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

APP CRS	Rwy ldg	6004
163°	TDZE	471
	Apt Elev	491

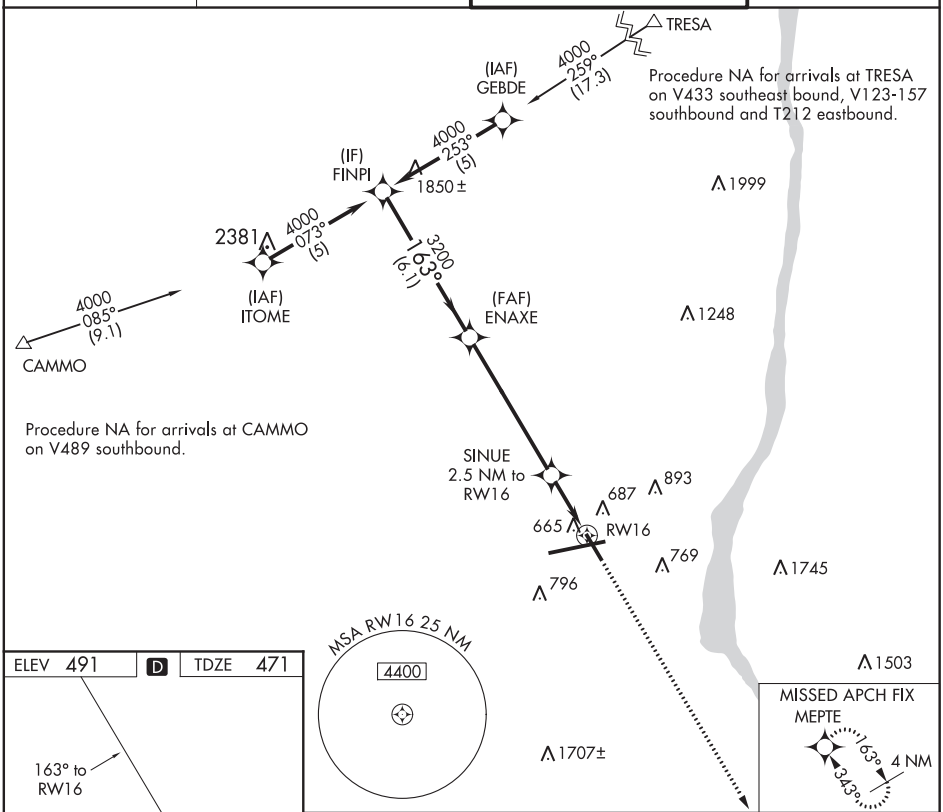
RNAV (GPS) RWY 16
NEW YORK STEWART INTL (SWF)

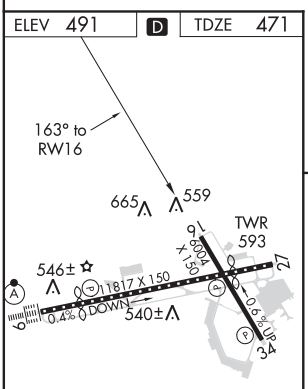
RNP APCH.

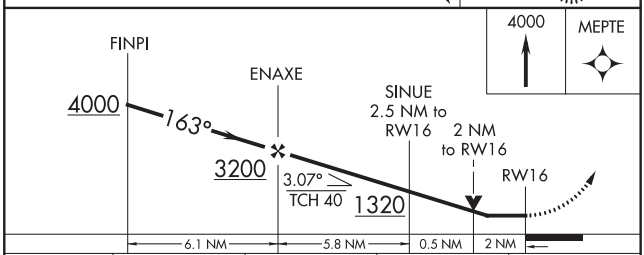
Rwy 16 helicopter visibility reduction below ¾ SM NA.

MISSED APPROACH: Climb to 4000 direct MEPTE and hold, continue climb-in-hold to 4000.

ATIS	NEW YORK APP CON	STEWART TOWER	GND CON
124.575	132.75 363.1	121.0 254.4	121.9







CATEGORY	A	B	C	D
LNAV MDA	1140-1 669 (700-1)		1140-1⅞ 669 (700-1⅞)	1140-2 669 (700-2)
C CIRCLING	1200-1 709 (800-1)		1200-2 709 (800-2)	1200-2¼ 709 (800-2¼)

TDZ/CL Rwy 9
HIRL Rwys 9-27 and 16-34
REIL Rwys 16, 27 and 34

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

APP CRS	Rwy ldg	9817
272°	TDZE	469
	Apt Elev	491

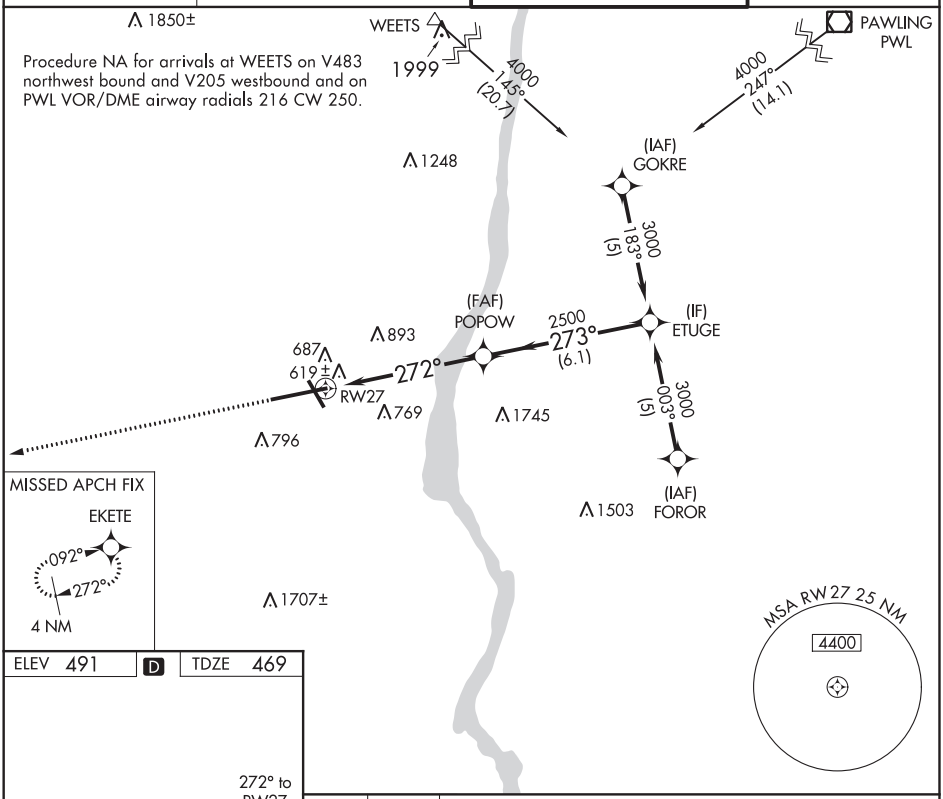
RNAV (GPS) RWY 27
NEW YORK STEWART INTL (SWF)

RNP APCH.

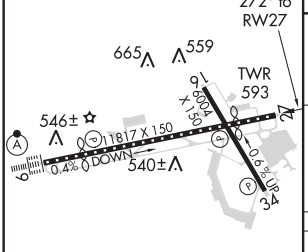
For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -15°C or above 54°C.

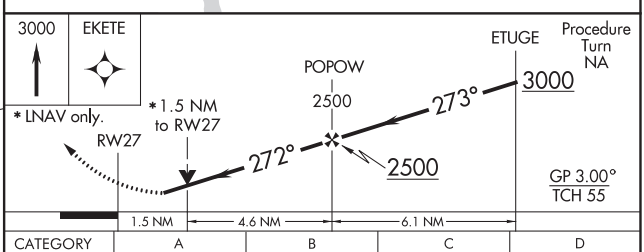
MISSED APPROACH: Climb to 3000 direct EKETE and hold.

ATIS	NEW YORK APP CON	STEWART TOWER	GND CON
124.575	132.75 363.1	121.0 254.4	121.9



ELEV 491 D TDZE 469





CATEGORY	A	B	C	D
LNAV/VNAV DA	1048-2 579 (600-2)			
LNAV MDA	1000-1 531 (600-1)		1000-1½ 531 (600-1½)	1000-1¾ 531 (600-1¾)
C CIRCLING	1200-1 709 (800-1)		1200-2 709 (800-2)	1200-2¼ 709 (800-2¼)

TDZ/CL Rwy 9
HIRL Rwys 9-27 and 16-34
REIL Rwys 16, 27 and 34

NE-2, 10 SEP 2020 to 05 NOV 2020

WAAS CH 90217 W34A	APP CRS 343°	Rwy ldg 6004 TDZE 462 Apt Elev 491

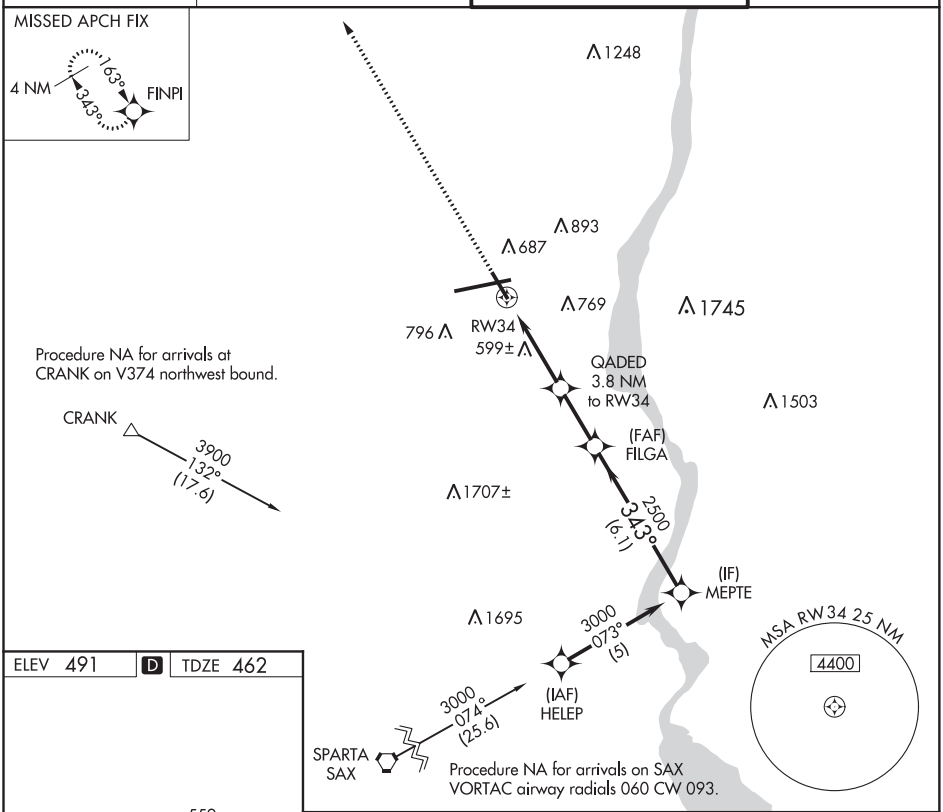
RNAV (GPS) RWY 34
NEW YORK STEWART INTL (SWF)

RNP APCH.

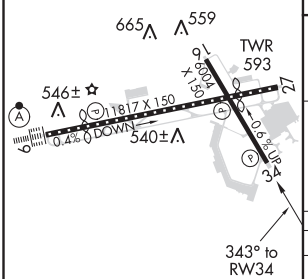
Rwy 34 helicopter visibility reduction below ¾ SM NA.

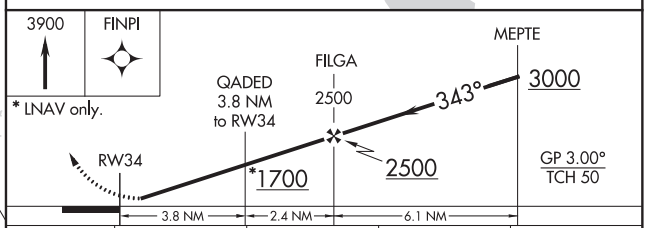
MISSED APPROACH: Climb to 3900 direct FINPI and hold.

ATIS	NEW YORK APP CON	STEWART TOWER	GND CON
124.575	132.75 363.1	121.0 254.4	121.9



ELEV 491 | D | TDZE 462





CATEGORY	A	B	C	D
LPV DA	737-1 275 (300-1)			
LNAV MDA	1020-1 558 (600-1)		1020-1½ 558 (600-1½)	1020-1¾ 558 (600-1¾)
C CIRCLING	1200-1 709 (800-1)		1200-2 709 (800-2)	1200-2¼ 709 (800-2¼)

TDZ/CL Rwy 9
HIRL Rwys 9-27 and 16-34
REIL Rwys 16, 27 and 34

NE-2, 10 SEP 2020 to 05 NOV 2020

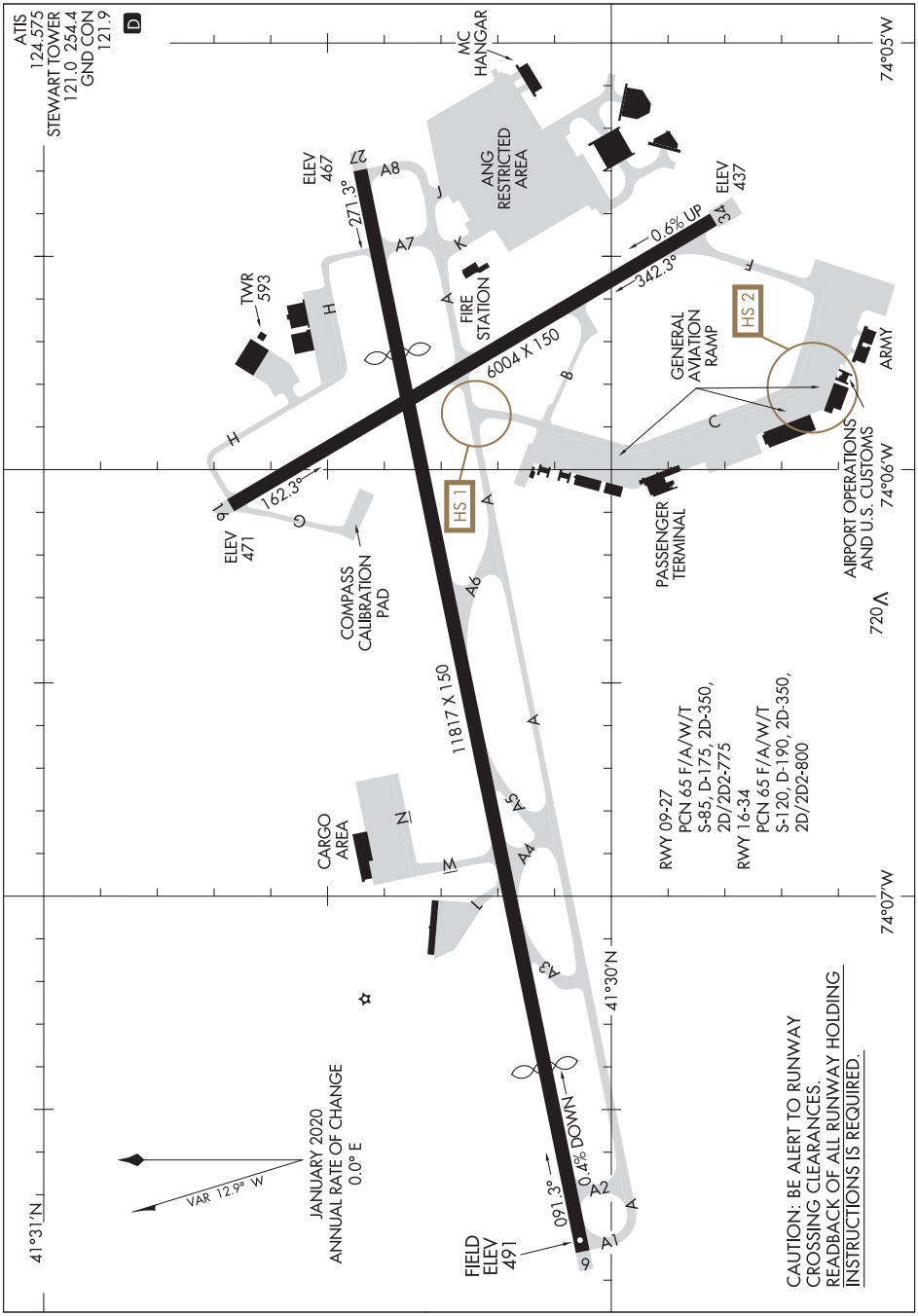
NE-2, 10 SEP 2020 to 05 NOV 2020

20254

AIRPORT DIAGRAM

NEW YORK STEWART INTL (SWF)
NEW YORK, NEW YORK

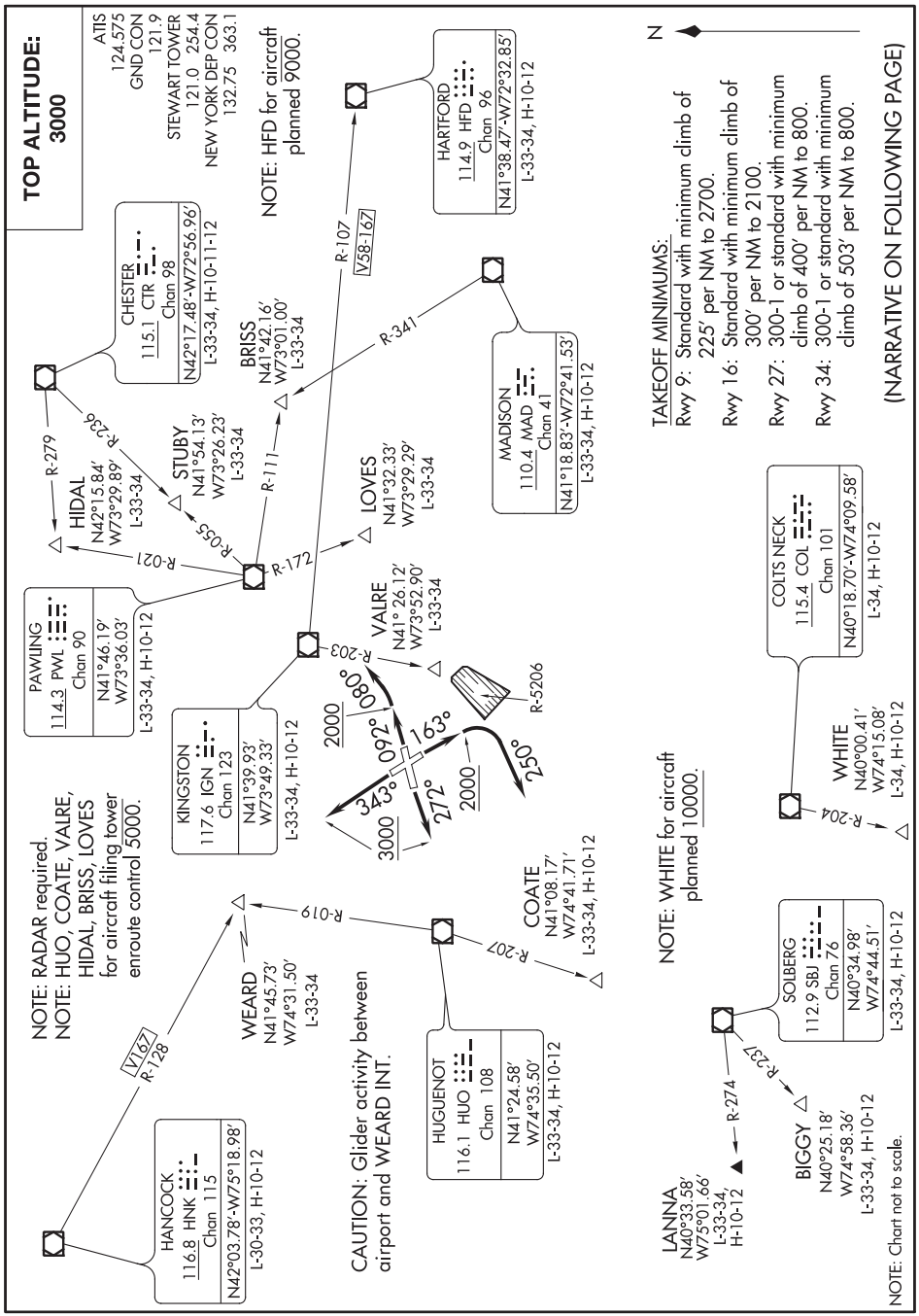
AL-450 (FAA)



NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

AIRPORT DIAGRAM
20254
NEW YORK, NEW YORK
NEW YORK STEWART INTL (SWF)


TOP ALTITUDE: 3000
ATIS 124.575
GND CON 121.9
STEWART TOWER 121.0 254.4
NEW YORK DEP CON 132.75 363.1
NOTE: HFD for aircraft planned 9000.
HARTFORD 114.9 HFD Chan 96 N41°38.47'-W72°32.85' L-33-34, H-10-12
CHESTER 115.1 CTR Chan 98 N42°17.48'-W72°56.96' L-33-34, H-10-11-12
BRISS N41°42.16' W73°01.00' L-33-34
R-107
V58-167
R-341
MADISON 110.4 MAD Chan 41 N41°18.83'-W72°41.53' L-33-34, H-10-12
R-279
R-230
HIDAL N42°15.84' W73°29.89' L-33-34
STUBY N41°54.13' W73°26.23' L-33-34
R-111
LOVES N41°32.33' W73°29.29' L-33-34
R-055
R-021
R-172
PAWLING 114.3 PWL Chan 90 N41°46.19' W73°36.03' L-33-34, H-10-12
VALRE N41° 26.12' W73°52.90' L-33-34
R-203
KINGSTON 117.6 IGN Chan 123 N41°39.93' W73°49.33' L-33-34, H-10-12
2000
080°
092°
163°
343°
272°
250°
3000
2000
R-5206
NOTE: RADAR required.
NOTE: HUO, COATE, VALRE, HIDAL, BRISS, LOVES for aircraft filing tower enroute control 5000.
COATE N41°08.17' W74°41.71' L-33-34, H-10-12
R-019
R-207
WEARD N41°45.73' W74°31.50' L-33-34
V167
R-128
HANCOCK 116.8 HNK Chan 115 N42°03.78'-W75°18.98' L-30-33, H-10-12
CAUTION: Glider activity between airport and WEARD INT.
HUGUENOT 116.1 HUO Chan 108 N41°24.58' W74°35.50' L-33-34, H-10-12
NOTE: WHITE for aircraft planned 10000.
SOILBERG 112.9 SBJ Chan 76 N40°34.98' W74°44.51' L-33-34, H-10-12
R-237
R-274
LANNA N40°33.58' W75°01.66' L-33-34, H-10-12
BIGGY N40°25.18' W74°58.36' L-33-34, H-10-12
NOTE: Chart not to scale.
N
TAKEOFF MINIMUMS:
Rwy 9: Standard with minimum climb of 225' per NM to 2700.
Rwy 16: Standard with minimum climb of 300' per NM to 2100.
Rwy 27: 300-1 or standard with minimum climb of 400' per NM to 800.
Rwy 34: 300-1 or standard with minimum climb of 503' per NM to 800.
(NARRATIVE ON FOLLOWING PAGE)
COLTS NECK 115.4 COL Chan 101 N40°18.70'-W74°09.58' L-34, H-10-12
WHITE N40°00.41' W74°15.08' L-34, H-10-12
R-204

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 9: Climb heading 092° to 2000, then turn left heading 080°, maintain 3000, thence....
TAKEOFF RUNWAY 16: Climb heading 163° to 2000, then turn right heading 250°, maintain 3000, thence....
TAKEOFF RUNWAY 27: Climb heading 272° to 3000, thence....
TAKEOFF RUNWAY 34: Climb heading 343° to 3000, thence....

....via radar vectors to assigned route/fix, expect clearance to filed altitude/ flight level within ten (10) minutes after departure.

LOST COMMUNICATIONS: If radio contact is not established/lost within 2 minutes after departure, proceed on course and climb to 5000. Ten minutes after departure, climb to filed altitude/flight level.

APP CRS	Rwy ldg	N/A
210°	TDZE	N/A
	Apt Elev	N/A

COPTER RNAV (GPS) 210°

WEST 30TH ST (JRA)

DME/DME RNP-0.3 NA.
NA Radar required.
Use Teterboro altimeter setting when not received use LaGuardia altimeter setting.

MISSED APPROACH: Climbing left turn to 2000 direct JEDIL and hold.

LA GUARDIA APP CON	NEWARK APP CON	UNICOM
126.05	127.85	123.050 (CTAF)

Proceed VFR instructions: From JORBA enter Hudson River helicopter VFR route at Spuyten Duyvil and continue south for landing at West 30th Street Heliport (JRA). Continue south and join the East River helicopter VFR route at Battery Park for landing at Wall Street Heliport (JRB). For landing at the East 34th Street Heliport (6N5) continue following East River Helicopter VFR route north past JRB to 6N5.

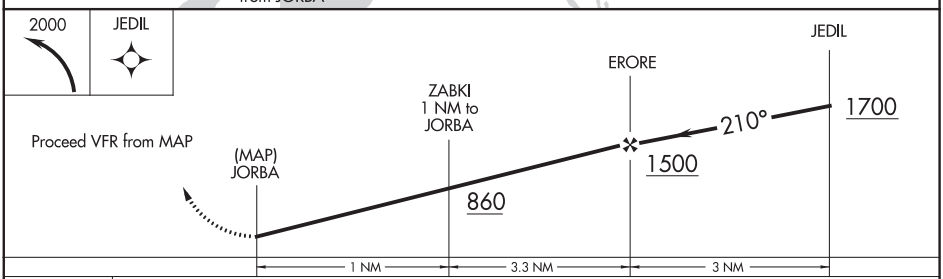
Limit initial and intermediate approach to 90K.

Alternate Route for landing at the East 34th Street Heliport (6N5). Proceed VFR instructions: From JORBA enter the Harlem River Helicopter VFR route at Spuyten Duyvil and join the East River Helicopter VFR route at the Triboro Bridge and continue south for landing at 6N5.

Increase to 90K upon reaching the missed approach altitude.

Limit final and missed approach airspeed to 70K. Proceed VFR from JORBA or conduct the specified missed approach. Use Hudson and East River SFRA procedures and published helicopter VFR routes to various heliports.

(IAF) FEMDU
1700
193° (3)
4 NM
193°
013°
(IF) JEDIL
1700
300° (3)
(IAF) WUDGO
1500
210° (3)
(FAF) ERORE
ZABKI
1 NM to JORBA
(MAP) JORBA
375
409
450
440
624
819
1048
672
449
675
377
499
1649
689
849±
1806
648
MSA JORBA 25 NM
2900
West 30th Street
ELEV 7
218° (8.7)
from JORBA
LaGuardia
ELEV 21
172° (7)
from JORBA
East 34th Street
ELEV 10
206° (8.9)
from JORBA
Port Authority-Downtown-Manhattan/Wall Street
ELEV 7
212° (11.7)
from JORBA



CATEGORY	COPTER
LNAV MDA	780-¾ 350 (400-¾)

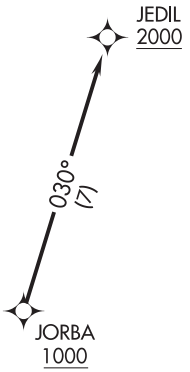
NE-2, 10 SEP 2020 to 05 NOV 2020
NE-2, 10 SEP 2020 to 05 NOV 2020

(JEDIL2.JEDIL) 19227 AL-10972 (FAA)

JEDIL TWO DEPARTURE (COPTER) (RNAV)

WEST 30TH ST (JRA)
NEW YORK, NEW YORK

TETERBORO D-ATIS
114.2 132.85
LA GUARDIA DEP CON
126.05
NEWARK DEP CON
127.85



NOTE: GPS required.
NOTE: Use Teterboro altimeter setting.
NOTE: RNAV 1.

NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

VFR SEGMENT: VFR climb to JORBA, cross JORBA at or above 1000.
IFR SEGMENT: Track 030° to cross JEDIL at or above 2000.

NE-2, 10 SEP 2020 to 05 NOV 2020

JEDIL TWO DEPARTURE (COPTER) (RNAV)
(JEDIL2.JEDIL) 15AUG19

NEW YORK, NEW YORK
WEST 30TH ST (JRA)

ILS or LOC RWY 4L
NEWARK LIBERTY INTL (EWR)

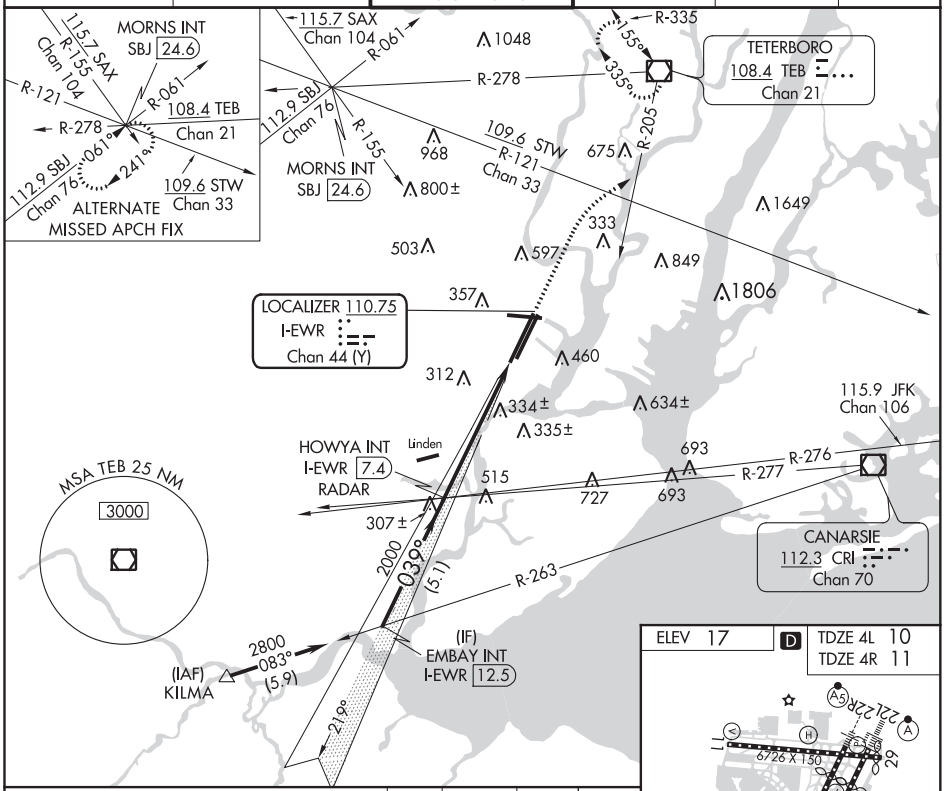
LOC/DME I-EWR	APP CRS	Rwy ldg	4L	4R
110.75	039°		8460	8810
Chan 44 (Y)		TDZE	10	11
		Apt Elev	17	17

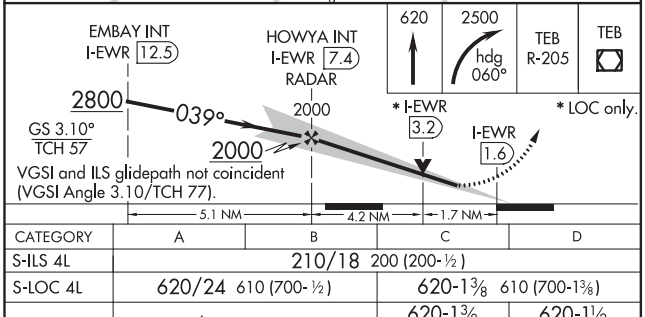
For inoperative MALSR, increase S-LOC 4L and Sidestep 4R Cat C visibility to 1¾ mile. Inoperative table does not apply to Sidestep Rwy 4R Cats A and B. Circling Rwy 29 NA at night.

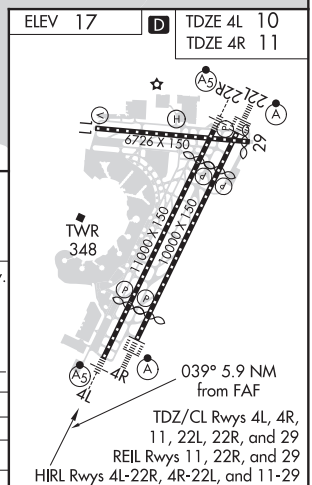
4L MALSR (A5) | 4R ALSF-2 (A)

MISSED APPROACH: Climb to 620 then climbing right turn to 2500 on heading 060° and TEB VOR/DME R-205 to TEB VOR/DME and hold.

D-ATIS	NEW YORK APP CON	NEWARK TOWER	GND CON	CLNC DEL	CPDLC
115.7 134.825	128.55 379.9	118.3 257.6	121.8	118.85	







CATEGORY	A	B	C	D
S-ILS 4L	210/18 200 (200-½)			
S-LOC 4L	620/24 610 (700-½)		620-1⅜ 610 (700-1⅜)	
SIDESTEP 4R	620/50 609 (700-1)		620-1⅜ 609 (700-1⅜)	620-1½ 609 (700-1½)
C CIRCLING	760-1 743 (800-1)	820-1 803 (900-1)	900-2¾ 883 (900-2¾)	900-3 883 (900-3)

FAF to MAP 5.9 NM

Knots	60	90	120	150	180
Min:Sec	5:54	3:56	2:57	2:22	1:58

NEWARK, NEW JERSEY — AL-285 (FAA) — 20254

ILS or LOC RWY 4R

NEWARK LIBERTY INTL (EWR)

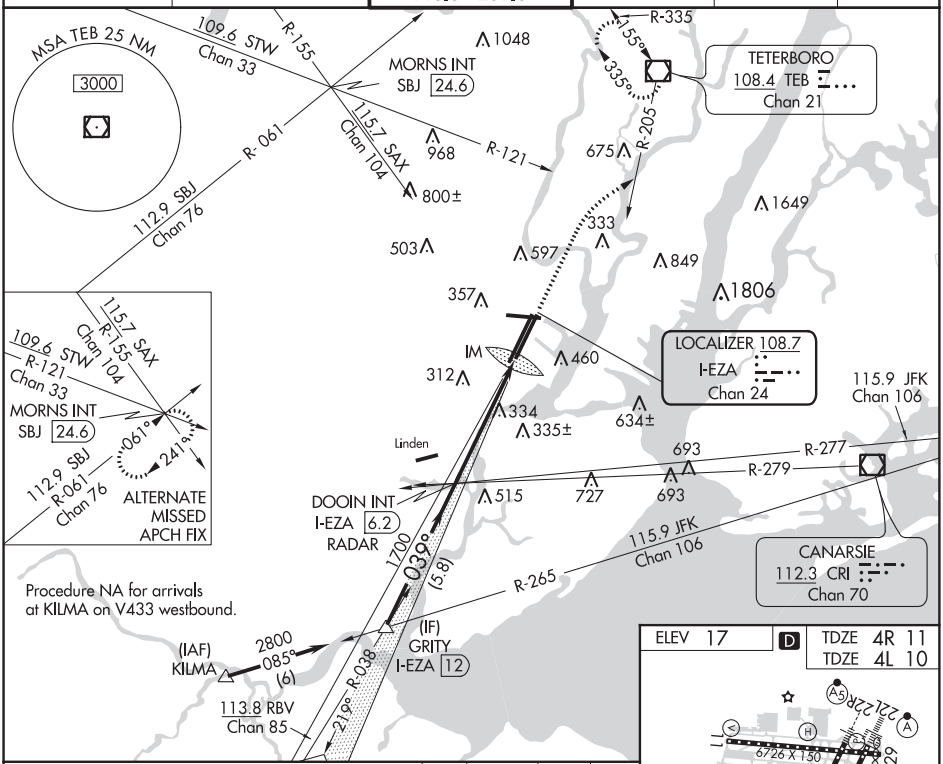
LOC/DME I-EZA	APP CRS	Rwy ldg	4R	4L
108.7	039°		8810	8460
Chan 24		TDZE	11	10
		Apt Elev	17	17

Inoperative table does not apply to Sidestep 4L Cats A and B. For inoperative MALSR, increase Sidestep 4L Cat C visibility to 1¾ mile. Circling Rwy 29 NA at night.

4R ALSF-2 (A) — 4L MALSR (As)

MISSED APPROACH: Climb to 600 then climbing right turn to 2500 on heading 060° and TEB VOR/DME R-205 to TEB VOR/DME and hold.

D-ATIS	NEW YORK APP CON	NEWARK TOWER	GND CON	CLNC DEL	CPDLC
115.7 134.825	128.55 379.9	118.3 257.6	121.8	118.85	

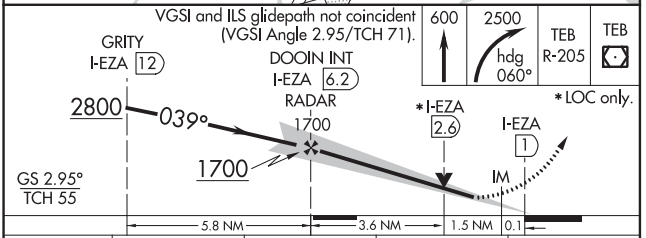


NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

VGSI and ILS glidepath not coincident (VGSI Angle 2.95/TCH 71).

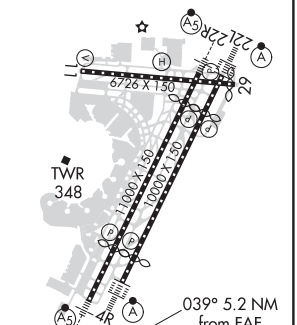
600	2500 hdg 060°	TEB R-205	TEB



*LOC only.

CATEGORY	A	B	C	D
S-ILS 4R	211/18 200 (200-½)			
S-LOC 4R	600/24 589 (600-½)		600/60 589 (600-1¼)	
SIDESTEP RWY 4L	620/50 610 (700-1)		620-1⅜ 610 (700-1⅜)	620-1½ 610 (700-1½)
C CIRCLING	760-1 743 (800-1)	820-1 803 (900-1)	900-2¾ 883 (900-2¾)	900-3 883 (900-3)

ELEV 17 — D — TDZE 4R 11 — TDZE 4L 10



TDZ/CL Rwys 4L, 4R, 11, 22L, 22R, and 29
REIL Rwys 11, 22R, and 29
HIRL Rwys 4L-22R, 4R-22L, and 11-29

FAF to MAP 5.2 NM					
Knots	60	90	120	150	180
Min:Sec	5:12	3:28	2:36	2:05	1:44

ILS or LOC RWY 11
NEWARK LIBERTY INTL (EWR)

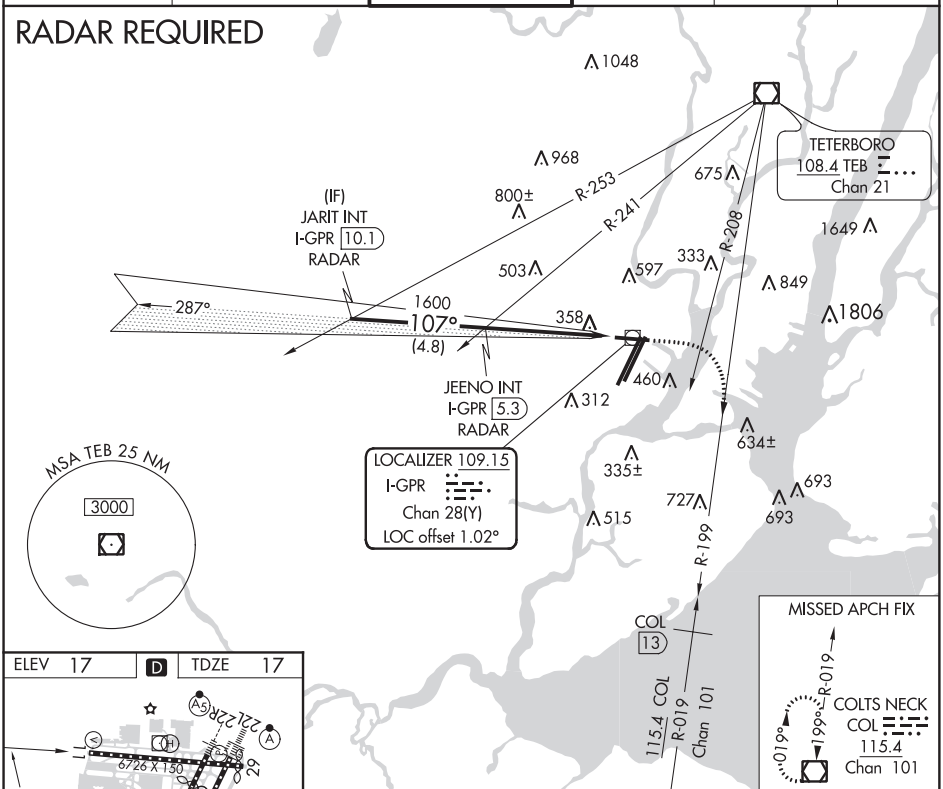
LOC/DME I-GPR	APP CRS	Rwy ldg 6726
109.15	107°	TDZE 17
Chan 28 (Y)		Apt Elev 17

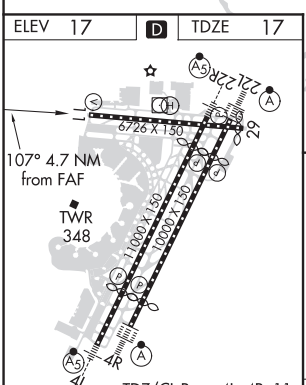
When VGSI inop, Circling Rwy 29 NA at night.
DME required.

MISSED APPROACH: Climb to 1700 heading 107°, at TEB VOR/DME R-208 right turn to intercept TEB VOR/DME R-199 and COL VOR/DME R-019 to COL VOR/DME and hold. At COL 13 DME climb to 3000.

D-ATIS	NEW YORK APP CON	NEWARK TOWER	GND CON	CLNC DEL	CPDLC
115.7 134.825	128.55 379.9	118.3 257.6	121.8	118.85	

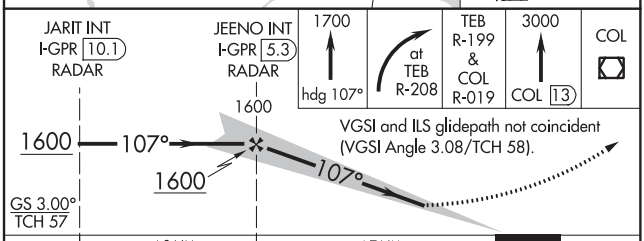
RADAR REQUIRED





TDZ/CL Rwys 4L, 4R, 11, 22L, 22R,and 29
REIL Rwys 11, 22R and 29
HIRL Rwys 4L-22R, 4R-22L and 11-29

FAF to MAP 4.7 NM					
Knots	60	90	120	150	180
Min:Sec	4:42	3:08	2:21	1:53	1:34



CATEGORY	A	B	C	D
S- ILS 11	603-2 586 (600-2)			
S- LOC 11	580/50 563 (600-1)		580-1½ 563 (600-1½)	580-1¾ 563 (600-1¾)
C CIRCLING	760-1 743 (800-1)	820-1 803 (900-1)	900-2¾ 883 (900-2¾)	900-3 883 (900-3)

NEWARK, NEW JERSEY

AL-285 (FAA)

20254

ILS or LOC RWY 22L

NEWARK LIBERTY INTL (EWR)

LOC/DME I-LSQ	APP CRS	Rwy ldg	22L	22R
108.7	219°		8207	9560
Chan 24		TDZE	11	10
		Apt Elev	17	17

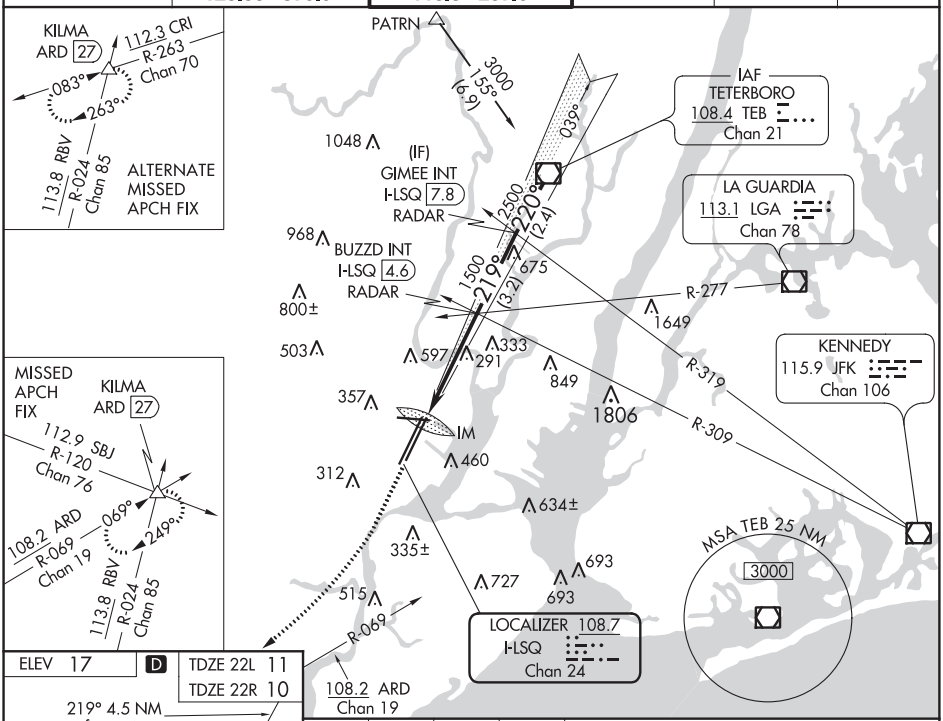
When Rwy 29 VGSI inop, Circling Rwy 29 NA at night. Inop table does not apply to SIDESTEP Rwy 22R Cats A/B.

22L ALSF-2 (A)

22R MALSR (A5)

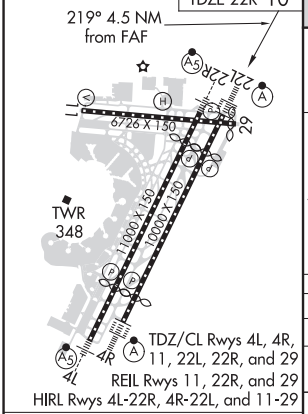
MISSED APPROACH: Climb to 500 then climbing right turn to 3000 on heading 225° and ARD VOR/DME R-069 to KILMA INT/ARD 27 DME and hold.

D-ATIS	NEW YORK APP CON	NEWARK TOWER	GND CON	CLNC DEL	CPDLC
115.7 134.825	128.55 379.9	118.3 257.6	121.8	118.85	

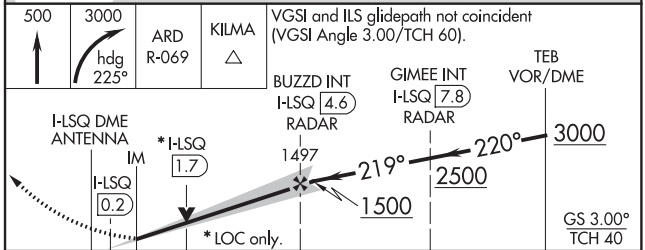


ELEV 17 (D) TDZE 22L 11 TDZE 22R 10

219° 4.5 NM from FAF



FAF to MAP 4.5 NM					
Knots	60	90	120	150	180
Min:Sec	4:30	3:00	2:15	1:48	1:30



CATEGORY	A	B	C	D
S-ILS 22L	211/18 200 (200-½)			
S-LOC 22L	560/24 549 (600-½)		560/60 549 (600-1¼)	
SIDESTEP RWY 22R	560/50 550 (600-1)		560/60 550 (600-1¼)	560-1½ 550 (600-1½)
(C) CIRCLING	760-1 743 (800-1)	820-1 803 (900-1)	900-2¾ 883 (900-2¾)	900-3 883 (900-3)

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

ILS or LOC RWY 22R
NEWARK LIBERTY INTL (EWR)

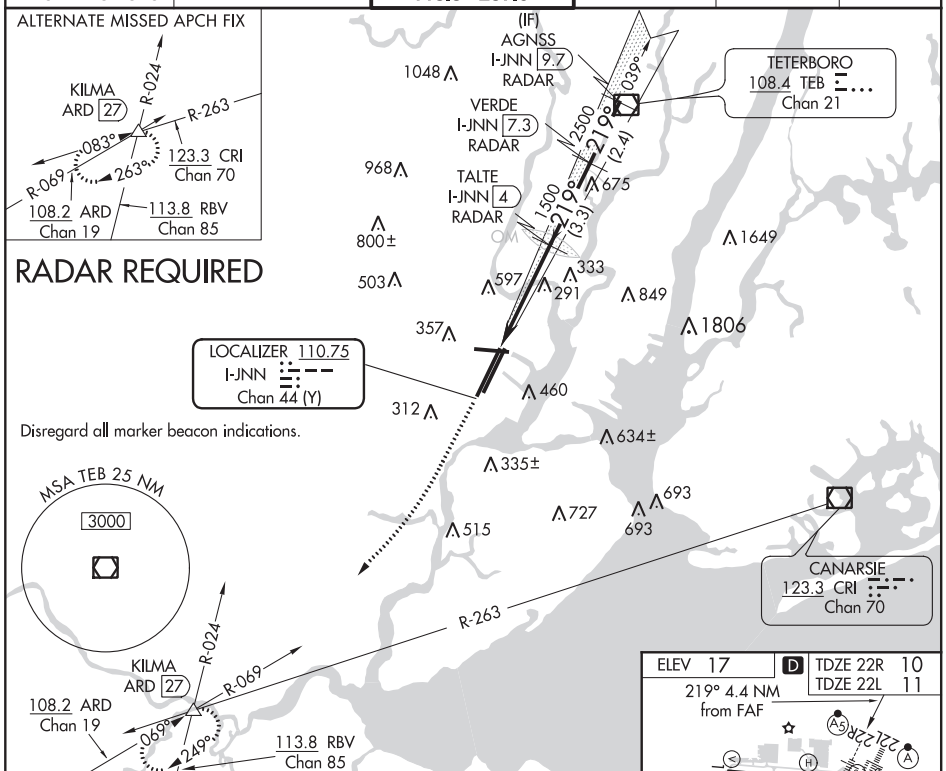
LOC/DME I-JNN	APP CRS	Rwy ldg	22R	22L
110.75	219°		9560	8206
Chan 44(Y)		TDZE	10	11
		Apt Elev	17	17

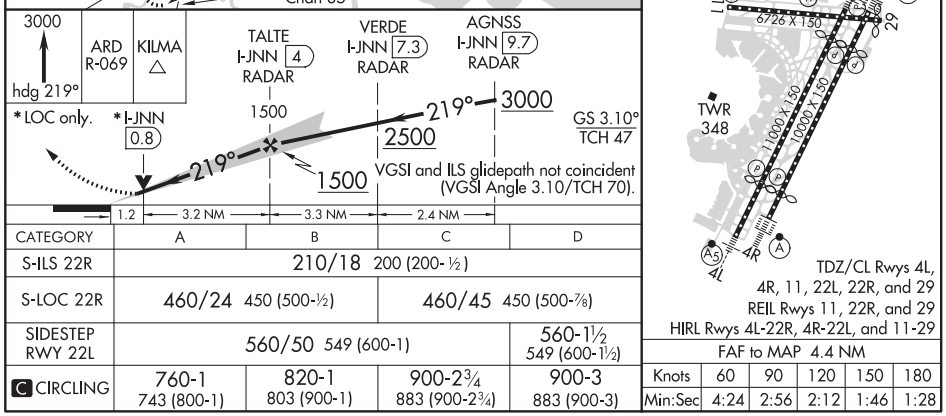
DME or radar required. Night landing: RWY 29 NA. For inoperative ALSF-2, increase Sidestep 22L Cat C visibility to 1⅝ mile. Inoperative table does not apply to sidestep 22L Cats A and B.

22R MALSR (A5) | 22L ALSF-2 (A)

MISSED APPROACH: Climb to 3000 on heading 219° and on ARD VOR/DME R-069 to KILMA INT/ARD 27 DME and hold.

D-ATIS	NEW YORK APP CON	NEWARK TOWER	GND CON	CLNC DEL	CPDLC
115.7 134.825	128.55 379.9	118.3 257.6	121.8	118.85	





CATEGORY	A	B	C	D
S-ILS 22R	210/18 200 (200-½)			
S-LOC 22R	460/24 450 (500-½)		460/45 450 (500-⅞)	
SIDESTEP RWY 22L	560/50 549 (600-1)			560-1½ 549 (600-1½)
C CIRCLING	760-1 743 (800-1)	820-1 803 (900-1)	900-2¾ 883 (900-2¾)	900-3 883 (900-3)

FAF to MAP 4.4 NM					
Knots	60	90	120	150	180
Min:Sec	4:24	2:56	2:12	1:46	1:28

NE-2, 10 SEP 2020 to 05 NOV 2020

NEWARK, NEW JERSEY

AL-285 (FAA)

20254

ILS RWY 22L (SA CAT I)

NEWARK LIBERTY INTL (EWR)

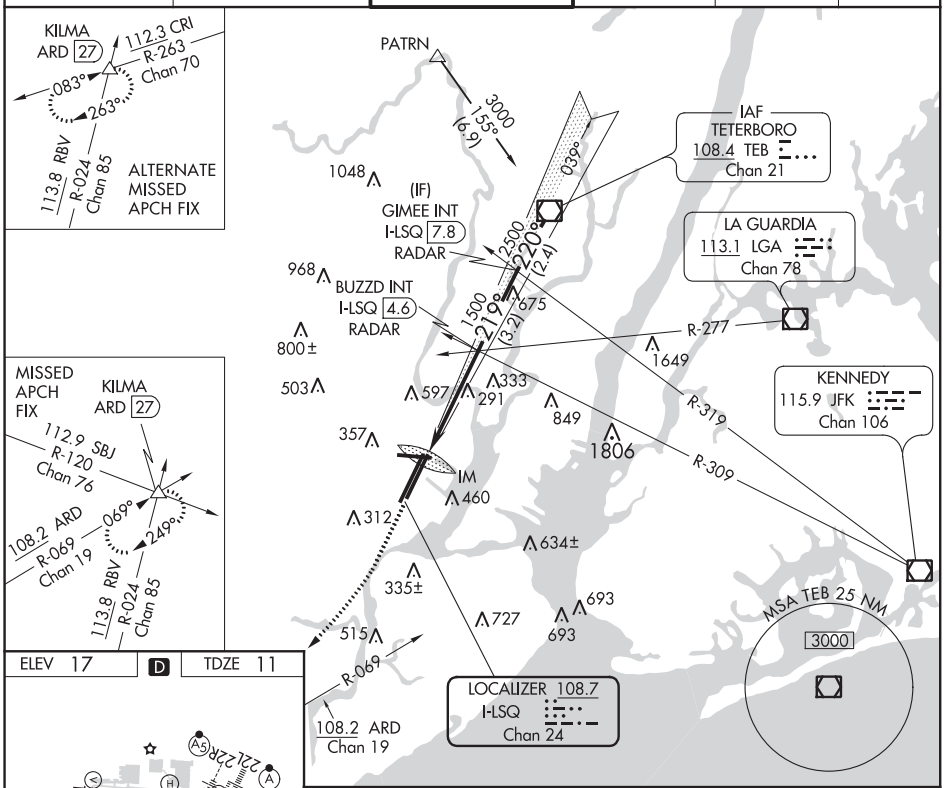
LOC/DME I-LSQ	APP CRS	Rwy ldg	8207
108.7	219°	TDZE	11
Chan 24		Apt Elev	17

Requires specific OPSPEC, MSPEC, or LOA approval and use of HUD to DH.

ALSF-2

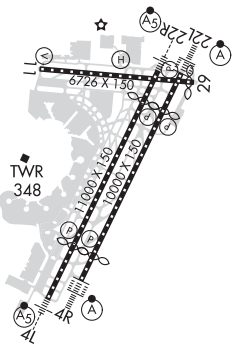
MISSED APPROACH: Climb to 500 then climbing right turn to 3000 on heading 225° and ARD VOR/DME R-069 to KILMA INT/ARD 27 DME and hold.

D-ATIS	NEW YORK APP CON	NEWARK TOWER	GND CON	CLNC DEL	CPDLC
115.7 134.825	128.55 379.9	118.3 257.6	121.8	118.85	



NE-2, 10 SEP 2020 to 05 NOV 2020

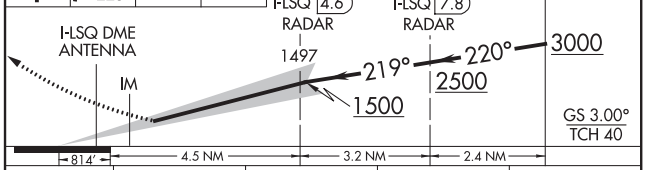
ELEV 17	D	TDZE 11



TDZ/CL Rwys 4L, 4R, 11, 22L, 22R, and 29
REIL Rwys 11, 22R, and 29
HIRL Rwys 4L-22R, 4R-22L, and 11-29

500	3000 hdg 225°	ARD R-069	KILMA △

VGSI and ILS glidepath not coincident (VGSI Angle 3.00/TCH 60).



CATEGORY	A	B	C	D
S-ILS 22L	RA 152/14 150 DA 161			

SA CATEGORY I ILS - SPECIAL AIRCREW & AIRCRAFT CERTIFICATION REQUIRED

NE-2, 10 SEP 2020 to 05 NOV 2020

LOC/DME I-EWR	APP CRS	Rwy ldg	8460
110.75	039°	TDZE	10
Chan 44 (Y)		Apt Elev	17

ILS RWY 4L (SA CAT I & II)

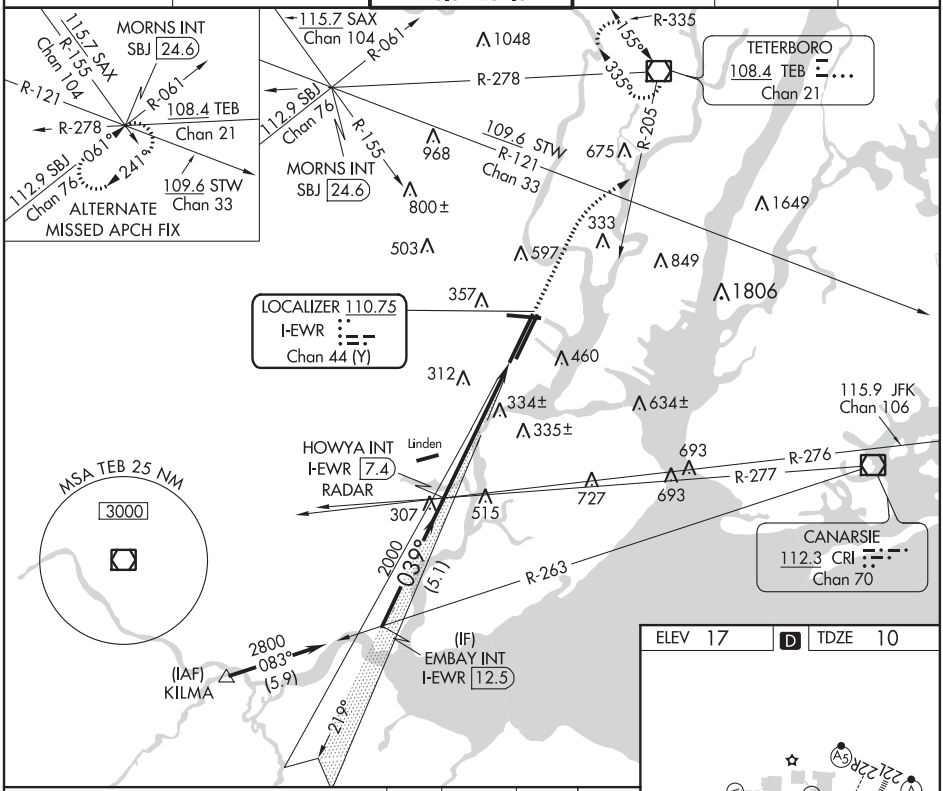
NEWARK LIBERTY INTL (EWR)

SA CAT I: Requires specific OPSPEC, MSPEC, or LOA approval and use of HUD to DH.
SA CAT II: Reduced lighting: requires specific OPSPEC, MSPEC, or LOA approval and use of autoland or HUD to touchdown.

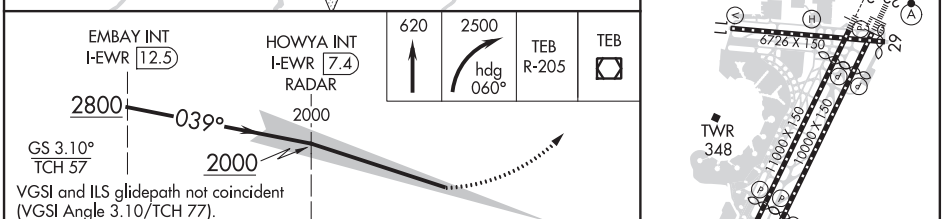
MALSR

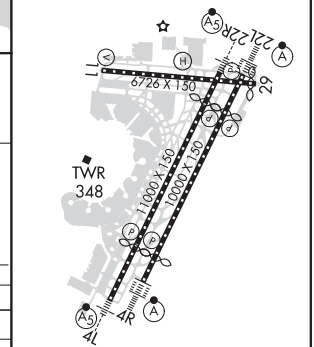
MISSED APPROACH: Climb to 620 then climbing right turn to 2500 on heading 060° and TEB VOR/DME R-205 to TEB VOR/DME and hold.

D-ATIS	NEW YORK APP CON	NEWARK TOWER	GND CON	CLNC DEL	CPDLC
115.7 134.825	128.55 379.9	118.3 257.6	121.8	118.85	



ELEV 17	D	TDZE 10





CATEGORY	A	B	C	D
S-ILS 4L	SA CAT I RA 150/14 150 DA 160			
S-ILS 4L	SA CAT II RA 100/12 100 DA 110			

TDZ/CL Rwys 4L, 4R, 11, 22L, 22R, and 29
REIL Rwys 11, 22R, and 29
HIRL Rwys 4L-22R, 4R-22L, and 11-29

SA CATEGORY I & II ILS - SPECIAL AIRCREW & AIRCRAFT CERTIFICATION REQUIRED

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

NEWARK, NEW JERSEY

AL-285 (FAA)

20254

ILS RWY 4R (CAT II & III)

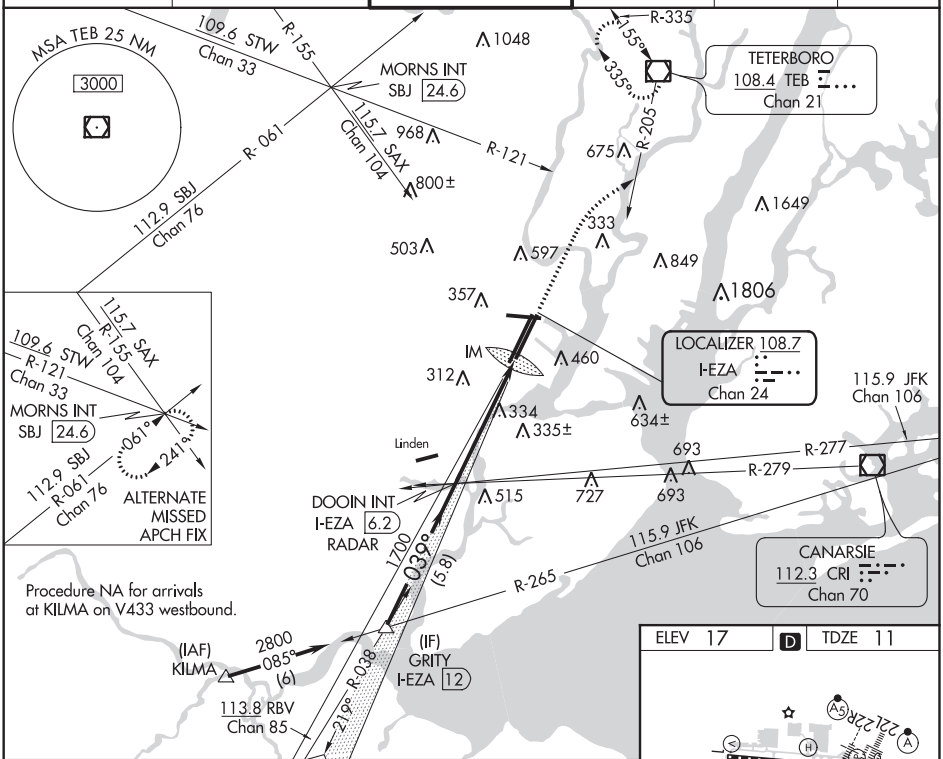
NEWARK LIBERTY INTL (EWR)

LOC/DME I-EZA	APP CRS	Rwy ldg	8810
108.7	039°	TDZE	11
Chan 24		Apt Elev	17

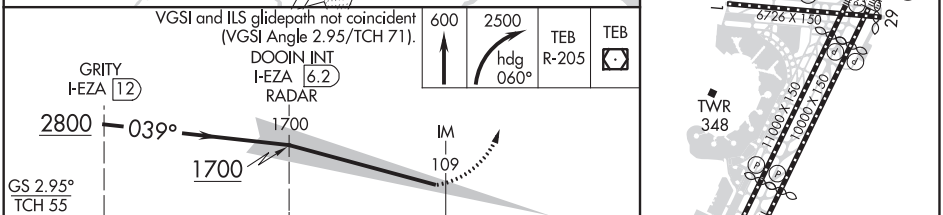
ALSF-2

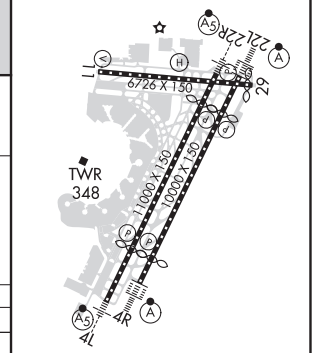
MISSED APPROACH: Climb to 600 then climbing right turn to 2500 on heading 060° and TEB VOR/DME R-205 to TEB VOR/DME and hold.

D-ATIS	NEW YORK APP CON	NEWARK TOWER	GND CON	CLNC DEL	CPDLC
115.7 134.825	128.55 379.9	118.3 257.6	121.8	118.85	



ELEV 17	D	TDZE 11





CATEGORY	A	B	C	D
S-ILS 4R	CAT II RA 100/12 100 DA 111			
S-ILS 4R	CAT IIIa RVR 07			
S-ILS 4R	CAT IIIb RVR 06			
S-ILS 4R	CAT IIIc NA			

CATEGORY II & III ILS - SPECIAL AIRCREW & AIRCRAFT CERTIFICATION REQUIRED

TDZ/CL Rwys 4L, 4R, 11, 22L, 22R, and 29
REIL Rwys 11, 22R, and 29
HIRL Rwys 4L-22R, 4R-22L, and 11-29

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

LOC/DME I-LSQ	APP CRS	Rwy ldg	8207
108.7	219°	TDZE	11
Chan 24		Apt Elev	17

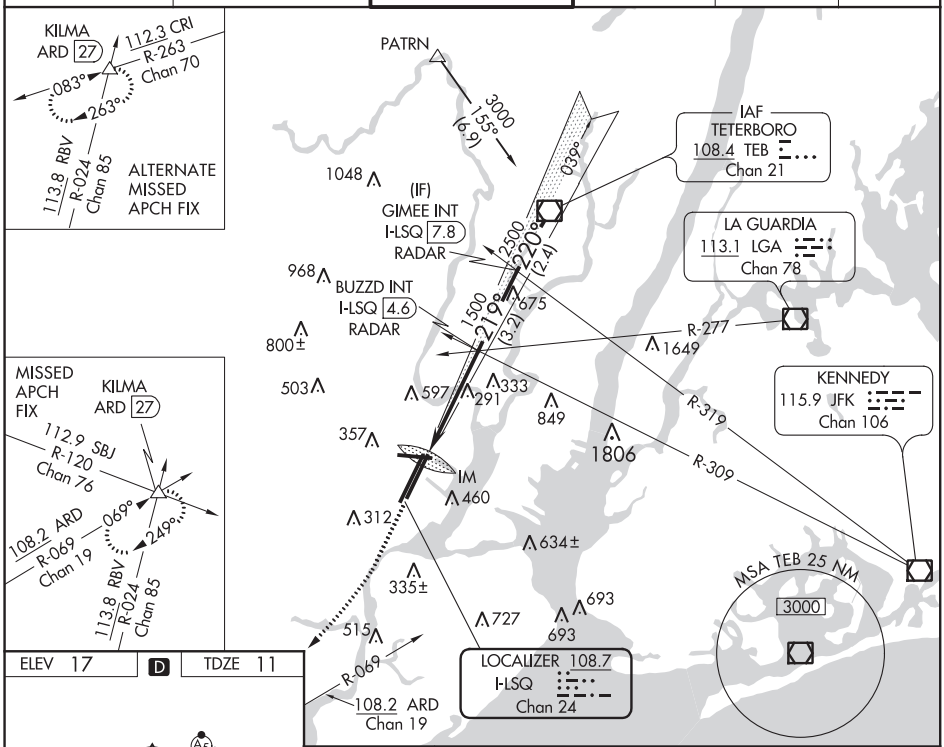
ILS RWY 22L (CAT II & III)
NEWARK LIBERTY INTL (EWR)

CAT II: RVR 1000 authorized with specific OPSPEC, MSPEC, or LOA approval and use of autoland or HUD to touchdown.

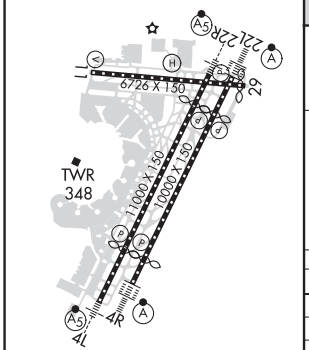
ALSF-2

MISSED APPROACH: Climb to 500 then climbing right turn to 3000 on heading 225° and ARD VOR/DME R-069 to KILMA INT/ARD 27 DME and hold.

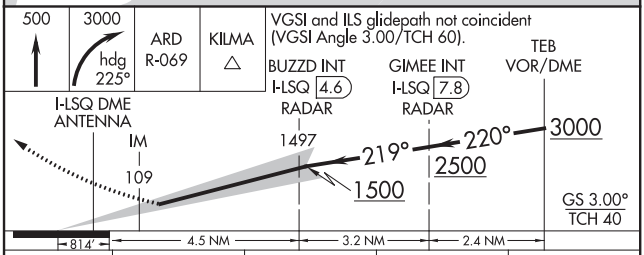
D-ATIS	NEW YORK APP CON	NEWARK TOWER	GND CON	CLNC DEL	CPDLC
115.7 134.825	128.55 379.9	118.3 257.6	121.8	118.85	



ELEV 17 | D | TDZE 11



TDZ/CL Rwys 4L, 4R, 11, 22L, 22R, and 29
REIL Rwys 11, 22R, and 29
HIRL Rwys 4L-22R, 4R-22L, and 11-29



CATEGORY	A	B	C	D
S-ILS 22L	CAT II RA 102/12 100 DA 111			
S-ILS 22L	CAT IIIa RVR 07			
S-ILS 22L	CAT IIIb RVR 06			
S-ILS 22L	CAT IIIc NA			

CATEGORY II & III ILS - SPECIAL AIRCREW & AIRCRAFT CERTIFICATION REQUIRED

NE-2, 10 SEP 2020 to 05 NOV 2020
NE-2, 10 SEP 2020 to 05 NOV 2020

NEWARK, NEW JERSEY | AL-285 (FAA) | 20254

GLS RWY 4L
NEWARK LIBERTY INTL (EWR)

GBAS CH 22727 G04A	APP CRS 039°	Rwy ldg 8460 TDZE 10 Apt Elev 17

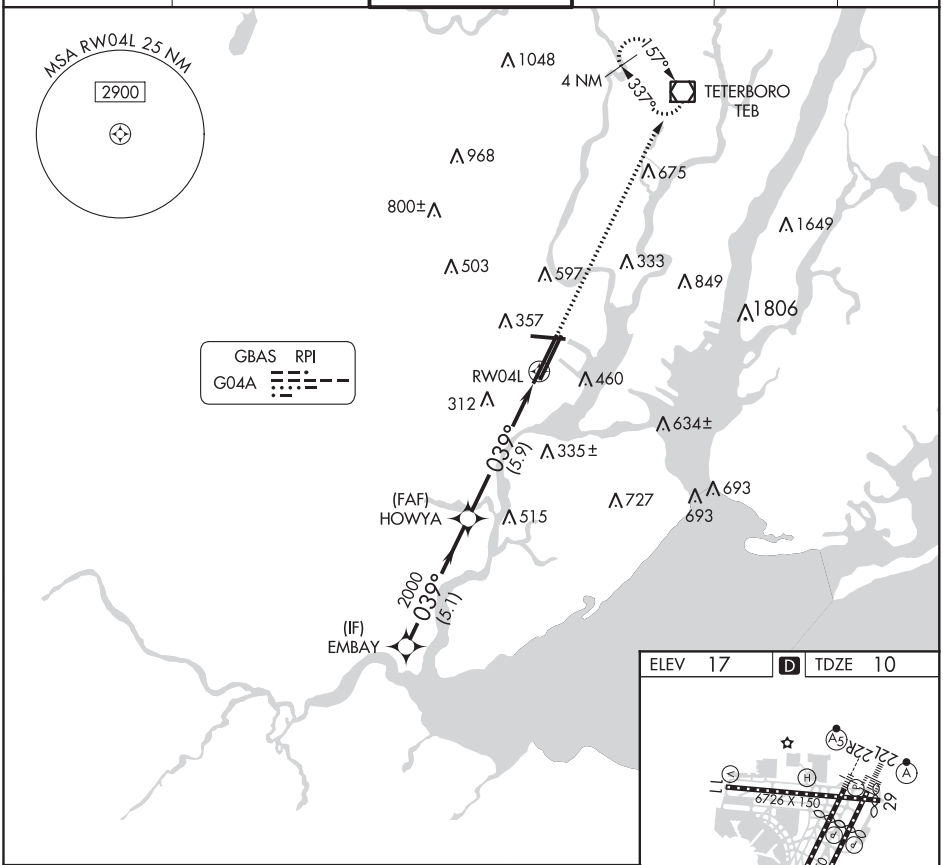
RNP APCH. GPS required.

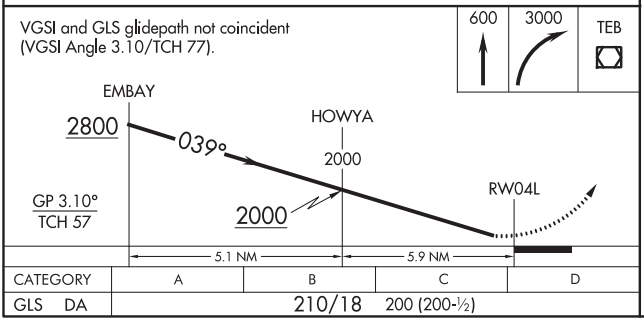
T A NA Autopilot coupled approach NA below 210.

MALSR A5

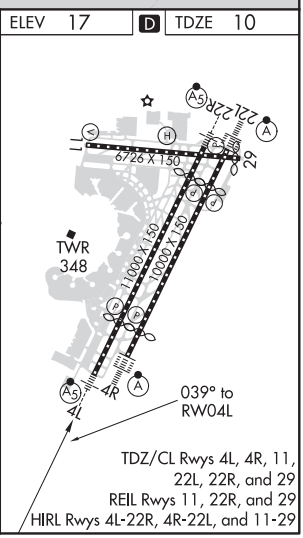
MISSED APPROACH: Climb to 600 then climbing right turn to 3000 direct TEB VOR/DME and hold, continue climb-in-hold to 3000.

D-ATIS	NEW YORK APP CON	NEWARK TOWER	GND CON	CLNC DEL	CPDLC
115.7 134.825	128.55 379.9	118.3 257.6	121.8	118.85	





CATEGORY	A	B	C	D
GLS DA	210/18		200 (200-½)	



NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

GLS RWY 4R

NEWARK LIBERTY INTL (EWR)

GBAS	APP CRS	Rwy ldg	8810
CH 21083	039°	TDZE	11
G04B		Apt Elev	17

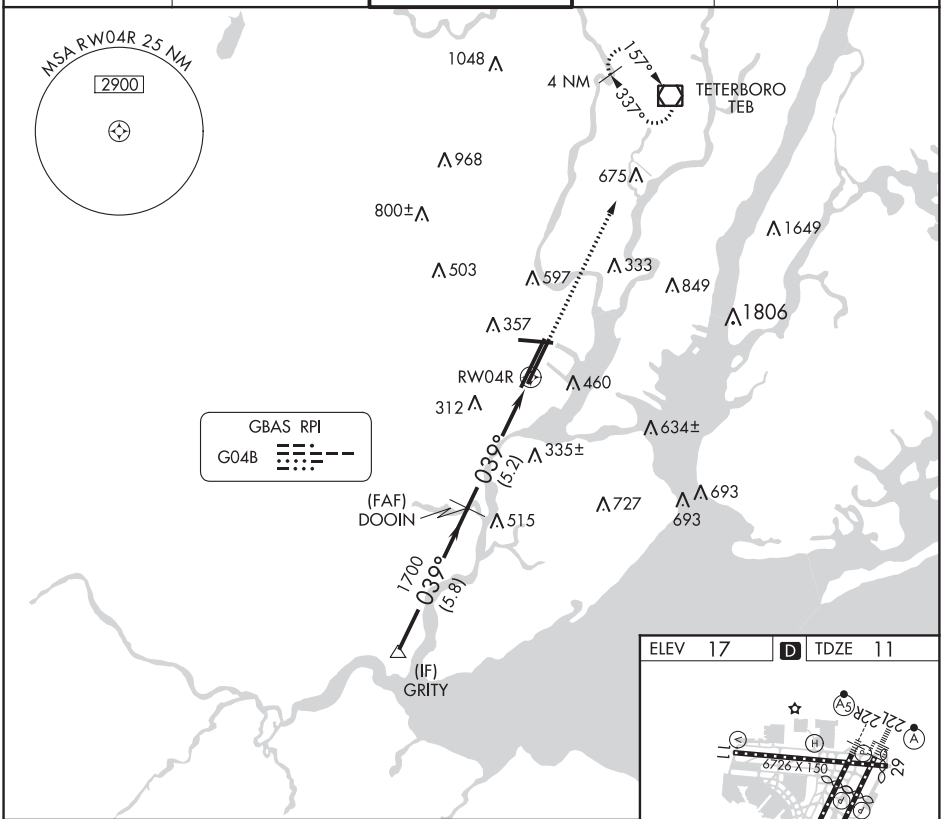
RNP APCH. GPS required.

T A NA Autopilot coupled approach NA below 211.

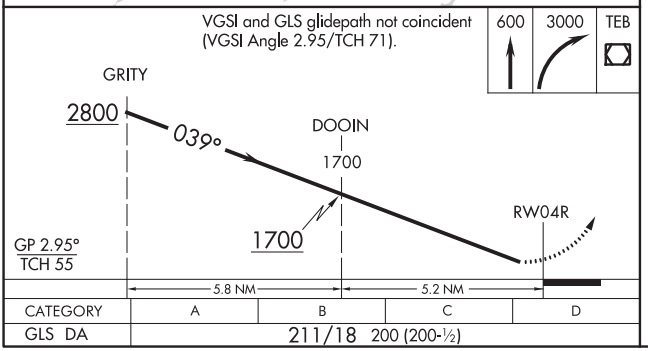
ALSF-2

MISSED APPROACH: Climb to 600 then climbing right turn to 3000 direct TEB VOR/DME and hold, continue climb-in-hold in 3000.

D-ATIS	NEW YORK APP CON	NEWARK TOWER	GND CON	CLNC DEL	CPDLC
115.7 134.825	128.55 379.9	118.3 257.6	121.8	118.85	

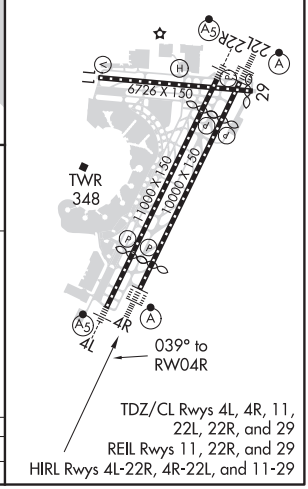


VGSI and GLS glidepath not coincident (VGSI Angle 2.95/TCH 71).



CATEGORY	A	B	C	D
GLS DA	211/18 200 (200-½)			

ELEV 17 D TDZE 11



TDZ/CL Rwys 4L, 4R, 11, 22L, 22R, and 29
REIL Rwys 11, 22R, and 29
HIRL Rwys 4L-22R, 4R-22L, and 11-29

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

NEWARK, NEW JERSEY | AL-285 (FAA) | 20254

GLS RWY 11
NEWARK LIBERTY INTL (EWR)

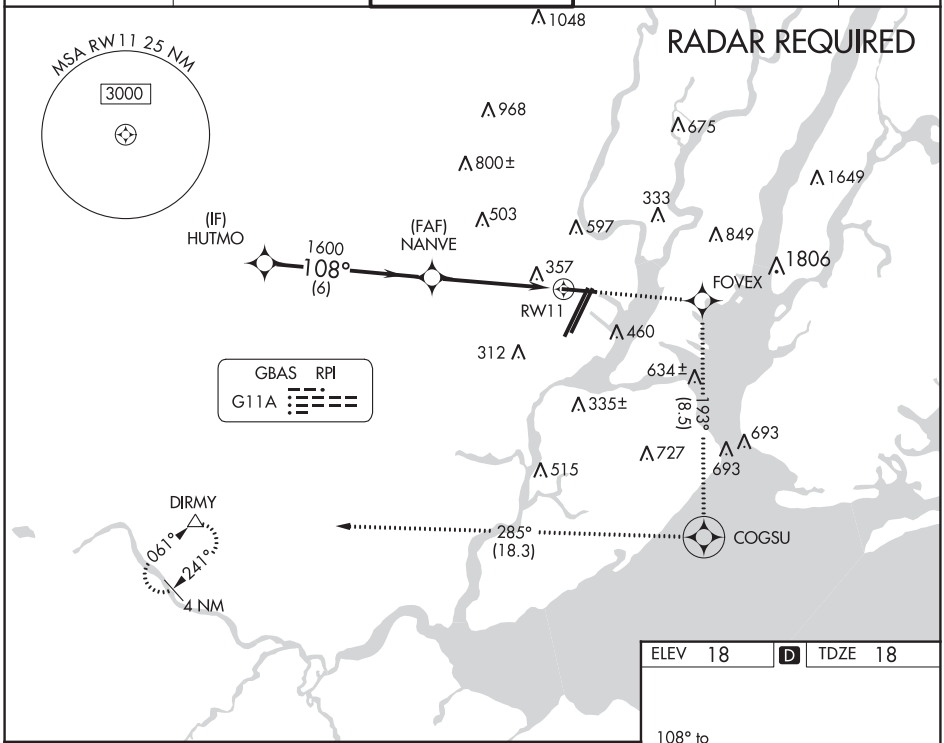
GBAS CH 21905 G11A	APP CRS 108°	Rwy ldg 6726 TDZE 18 Apt Elev 18

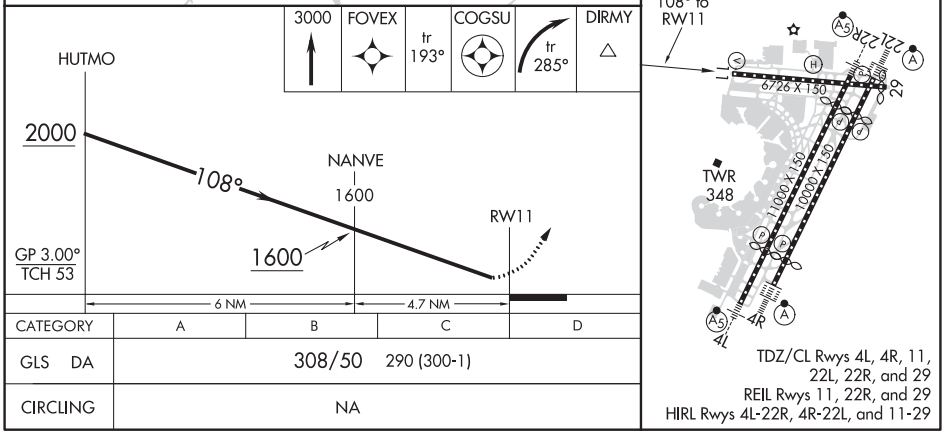
T
A NA

DME/DME RNP-0.3 NA. GPS required.
Visibility reduction by helicopters NA.
Autopilot coupled approach NA below 308.

MISSED APPROACH: Climb to 3000 direct FOVEX and on track 193° to COGSU and right turn on track 285° to DIRMY and hold.

D-ATIS	NEW YORK APP CON	NEWARK TOWER	GND CON	CLNC DEL	CPDLC
115.7 134.825	128.55 379.9	118.3 257.6	121.8	118.85	





CATEGORY	A	B	C	D
GLS DA	308/50 290 (300-1)			
CIRCLING	NA			

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

GLS RWY 22L

NEWARK LIBERTY INTL (EWR)

GBAS	APP CRS	Rwy ldg	8207
CH 21494	219°	TDZE	10
G22A		Apt Elev	18

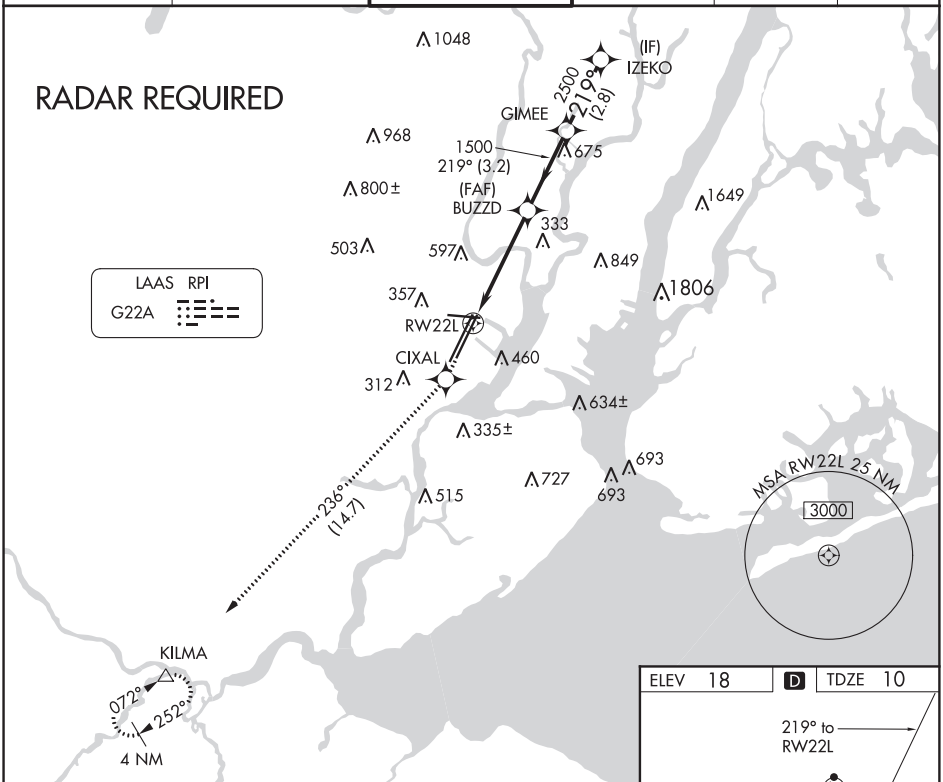
T NA

GPS Required. For inoperative MALSR increase GLS all Cats visibility to RVR 4000. DME/DME RNP-0.3 NA. Autopilot coupled approach NA below 210.

ALSF-2

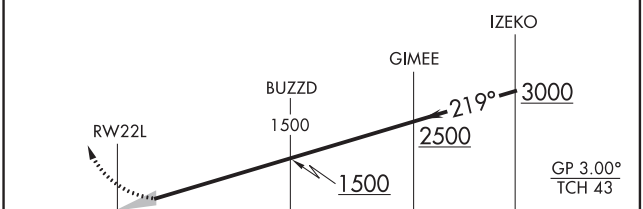
MISSED APPROACH: Climb to 3000 direct CIXAL and on track 236° to KILMA and hold.

D-ATIS	NEW YORK APP CON	NEWARK TOWER	GND CON	CLNC DEL	CPDLC
115.7 134.825	128.55 379.9	118.3 257.6	121.8	118.85	



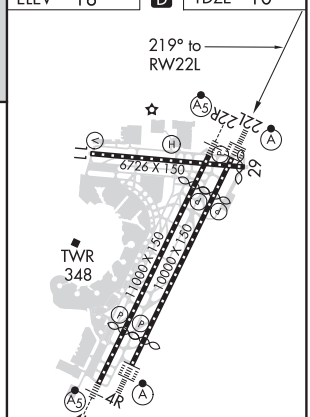
3000	CIXAL	tr 236°	KILMA

VGSI and GLS glidepath not coincident (VGSI Angle 3.00/TCH 60).



CATEGORY	A	B	C	D
GLS DA	210/18 200 (200-½)			

ELEV 18 D TDZE 10



TDZ/CL Rwys 4L, 4R, 11, 22L, 22R, and 29
REIL Rwys 11, 22R, and 29
HIRL Rwys 4L-22R, 4R-22L, and 11-29

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

NEWARK, NEW JERSEY

AL-285 (FAA)

20254

GLS RWY 22R

NEWARK LIBERTY INTL (EWR)

GBAS CH 20672 G22B	APP CRS 219°	Rwy ldg 9560 TDZE 10 Apt Elev 17

RNP APCH. GPS required.

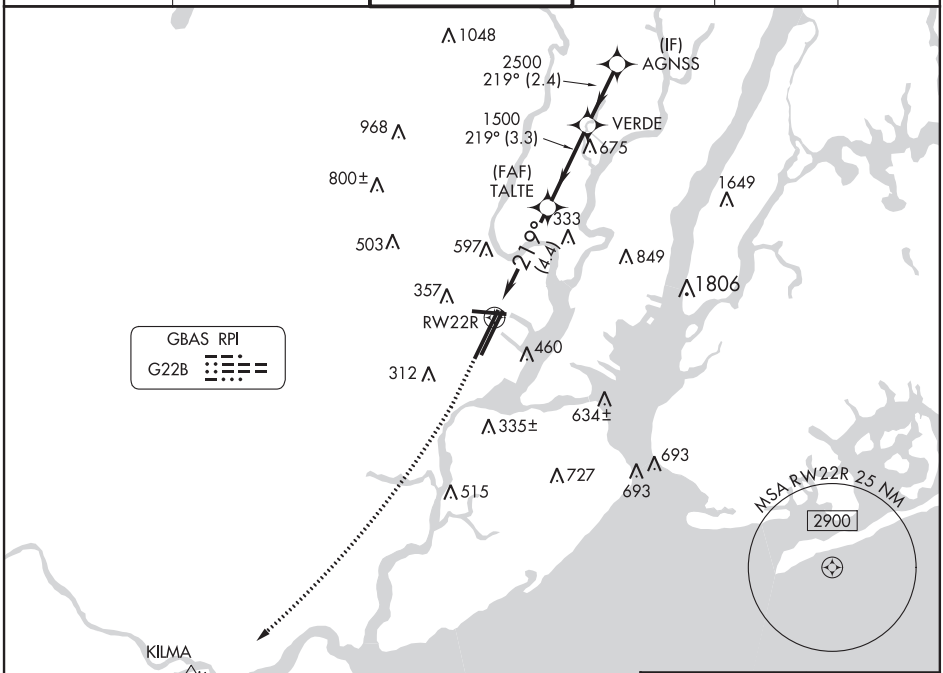
NA

Autopilot coupled approach NA below 210.

MALSR

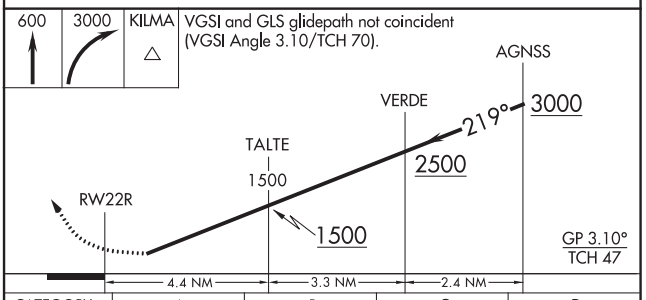
MISSED APPROACH: Climb to 600 then climbing right turn to 3000 direct KILMA and hold.

D-ATIS	NEW YORK APP CON	NEWARK TOWER	GND CON	CLNC DEL	CPDLC
115.7 134.825	128.55 379.9	118.3 257.6	121.8	118.85	



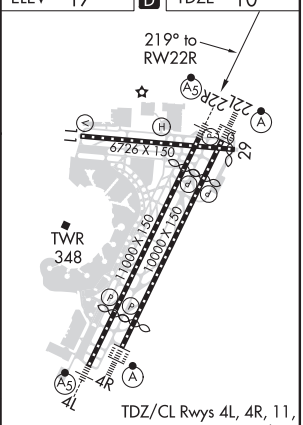
600 | 3000 | KILMA

VGSI and GLS glidepath not coincident (VGSI Angle 3.10/TCH 70).



CATEGORY	A	B	C	D
GLS DA	210/18	200 (200-½)		

ELEV 17 | D | TDZE 10



TDZ/CL Rwys 4L, 4R, 11, 22L, 22R, and 29

REIL Rwys 11, 22R, and 29

HIRL Rwys 4L-22R, 4R-22L, and 11-29

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

APP CRS	Rwy ldg	8207
219°	TDZE	11
	Apt Elev	17

RNAV (RNP) Y RWY 22L

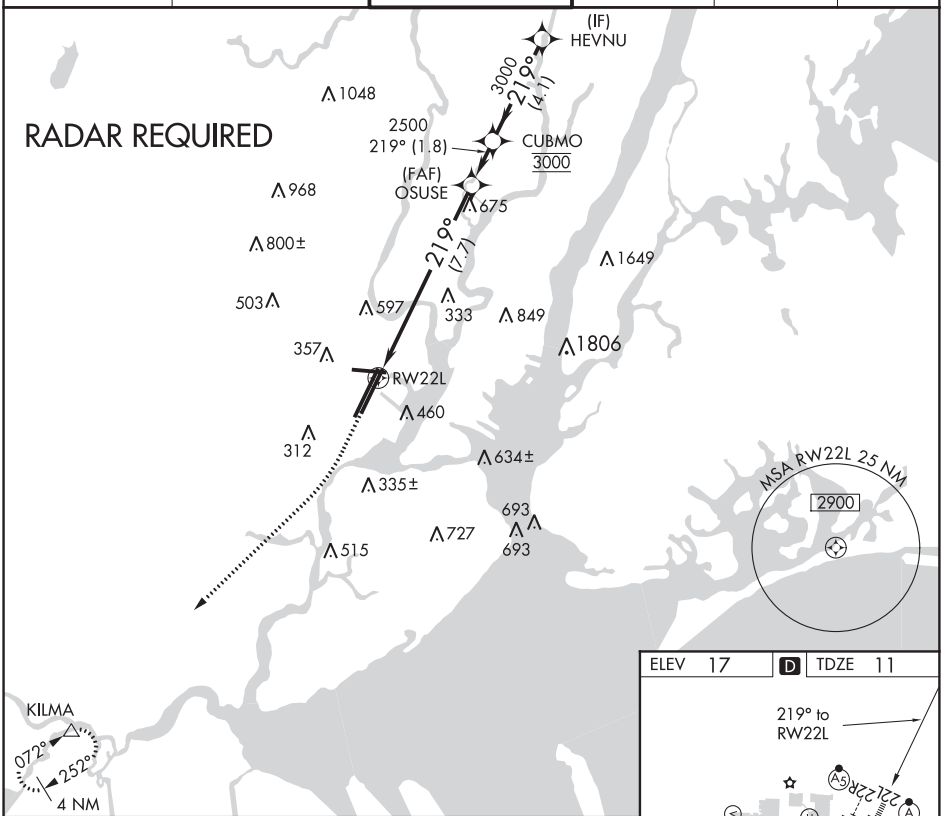
NEWARK LIBERTY INTL (EWR)

For uncompensated Baro-VNAV systems, procedure NA below -13°C (9°F) or above 54°C (130°F). GPS required.

ALSF-2

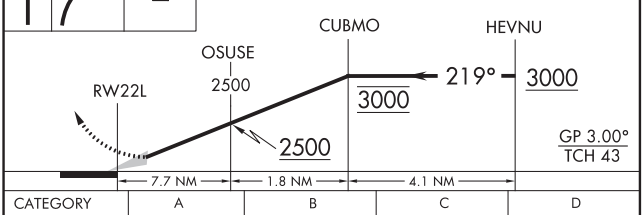
MISSED APPROACH: Climb to 600 then climbing right turn to 3000 direct KILMA and hold.

D-ATIS	NEW YORK APP CON	NEWARK TOWER	GND CON	CLNC DEL	CPDLC
115.7 134.825	128.55 379.9	118.3 257.6	121.8	118.85	



600	3000	KILMA

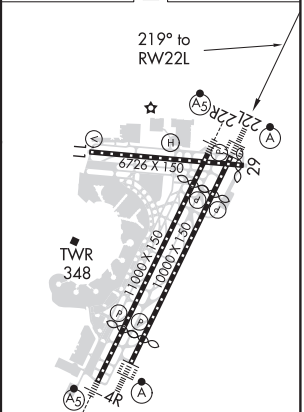
VGSI and RNAV glidepath not coincident (VGSI Angle 3.00/TCH 60).



CATEGORY	A	B	C	D
RNP 0.30 DA	436/50 425 (500-1)			

AUTHORIZATION REQUIRED

ELEV 17 | D | TDZE 11



TDZ/CL Rwys 4L, 4R, 11, 22L, 22R, and 29
REIL Rwys 11, 22R, and 29
HIRL Rwys 4L-22R, 4R-22L, and 11-29

NE-2, 10 SEP 2020 to 05 NOV 2020

NEWARK, NEW JERSEY | AL-285 (FAA) | 20254

RNAV (RNP) Y RWY 29

NEWARK LIBERTY INTL (EWR)

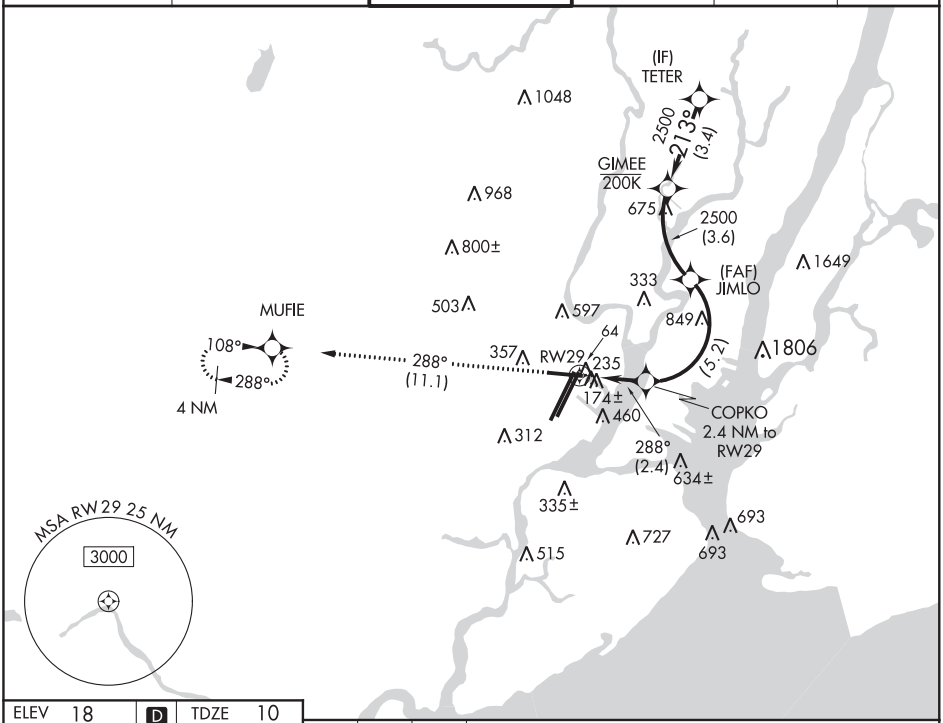
APP CRS	Rwy ldg	6502
288°	TDZE	10
	Apt Elev	18

RNP AR APCH. RF required.

For uncompensated Baro-VNAV systems, procedure NA below -12°C (11°F) or above 54°C (130°F).
**Missed approach requires a minimum climb of 417 feet per NM to 800.

MISSED APPROACH: Climb to 2000 on track 288° to MUFIE and hold.

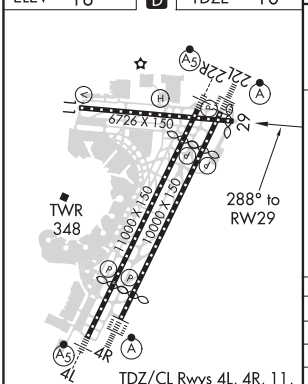
D-ATIS	NEW YORK APP CON	NEWARK TOWER	GND CON	CLNC DEL	CPDLC
115.7 134.825	128.55 379.9	118.3 257.6	121.8	118.85	



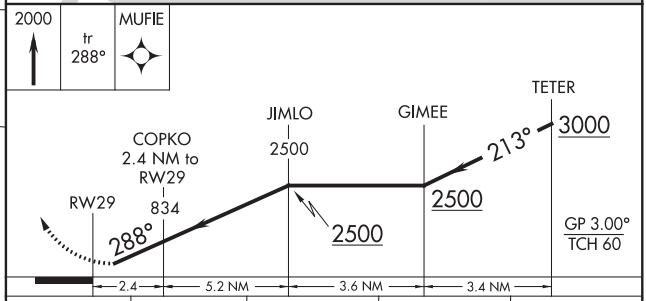
NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

ELEV 18	D	TDZE 10



TDZ/CL Rwys 4L, 4R, 11, 22L, 22R, and 29
REIL Rwys 11, 22R, and 29
HIRL Rwys 4L-22R, 4R-22L, and 11-29



CATEGORY	A	B	C	D
RNP 0.16 DA	461-1½ 451 (500-1½)			
RNP 0.30 DA	** 530-1¾ 520 (600-1¾)			
RNP 0.30 DA	573-1⅞ 563 (600-1⅞)			

AUTHORIZATION REQUIRED

NEWARK, NEW JERSEY | 40°42′N-74°10′W | NEWARK LIBERTY INTL (EWR)

Amdt 1D 06DEC18

RNAV (RNP) Y RWY 29

RNAV (RNP) Z RWY 4R

NEWARK LIBERTY INTL (EWR)

APP CRS	Rwy ldg	8810
039°	TDZE	11
	Apt Elev	17

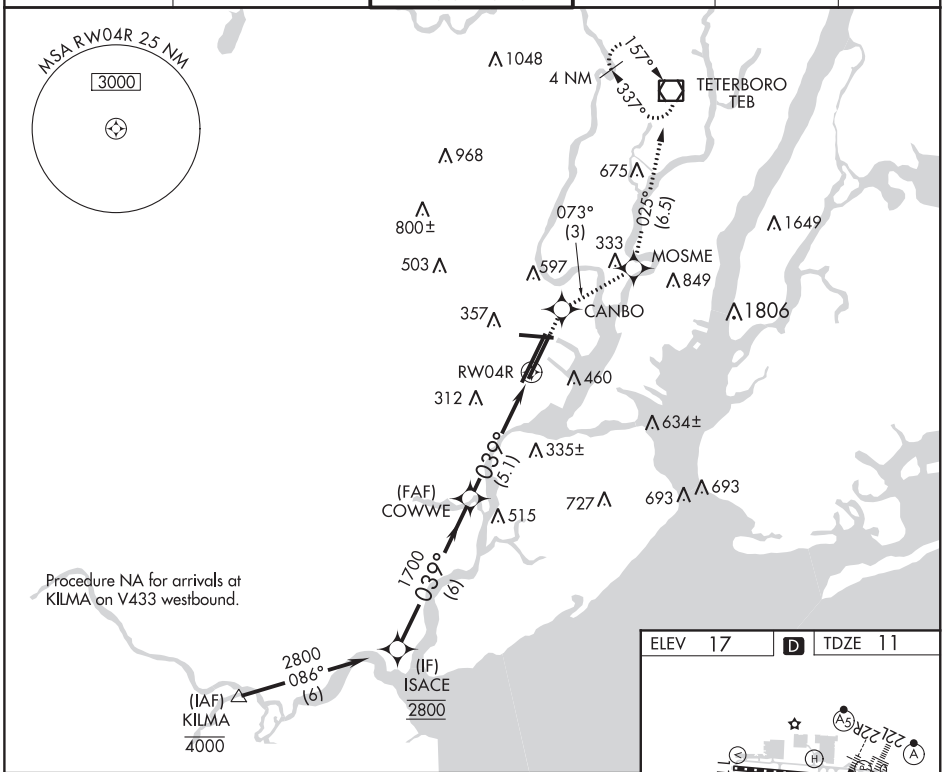
RNP AR APCH.

For uncompensated Baro-VNAV systems, procedure NA below -3°C or above 54°C. For inop ALS, increase RNP 0.15 all Cats visibility to RVR 6000 and RNP 0.30 all Cats visibility to 1⅜ SM.
*Missed approach requires minimum climb of 317 feet per NM to 700.

ALSF-2

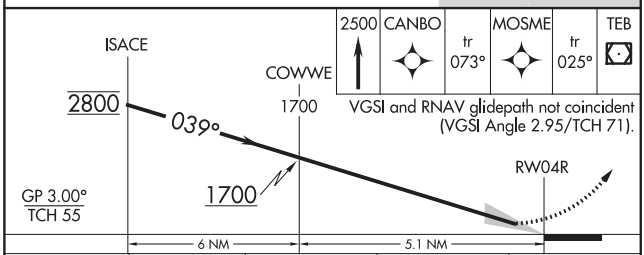
MISSED APPROACH: Climb to 2500 direct CANBO and on track 073° to MOSME and on track 025° to TEB VOR/DME and hold.

D-ATIS	NEW YORK APP CON	NEWARK TOWER	GND CON	CLNC DEL	CPDLC
115.7 134.825	128.55 379.9	118.3 257.6	121.8	118.85	



2500	CANBO	tr 073°	MOSME	tr 025°	TEB

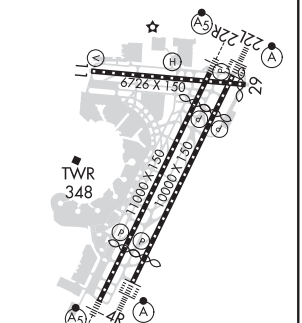
VGSI and RNAV glidepath not coincident (VGSI Angle 2.95/TCH 71).



CATEGORY	A	B	C	D
*RNP 0.15 DA	396/40 385 (400-¾)			
RNP 0.30 DA	490/60 479 (500-1¼)			

AUTHORIZATION REQUIRED

ELEV 17 D TDZE 11



TDZ/CL Rwys 4L, 4R, 11, 22L, 22R, and 29
REIL Rwys 11, 22R, and 29
HIRL Rwys 4L-22R, 4R-22L, and 11-29

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

NEWARK, NEW JERSEY | AL-285 (FAA) | 20254

RNAV (RNP) Z RWY 29

NEWARK LIBERTY INTL (EWR)

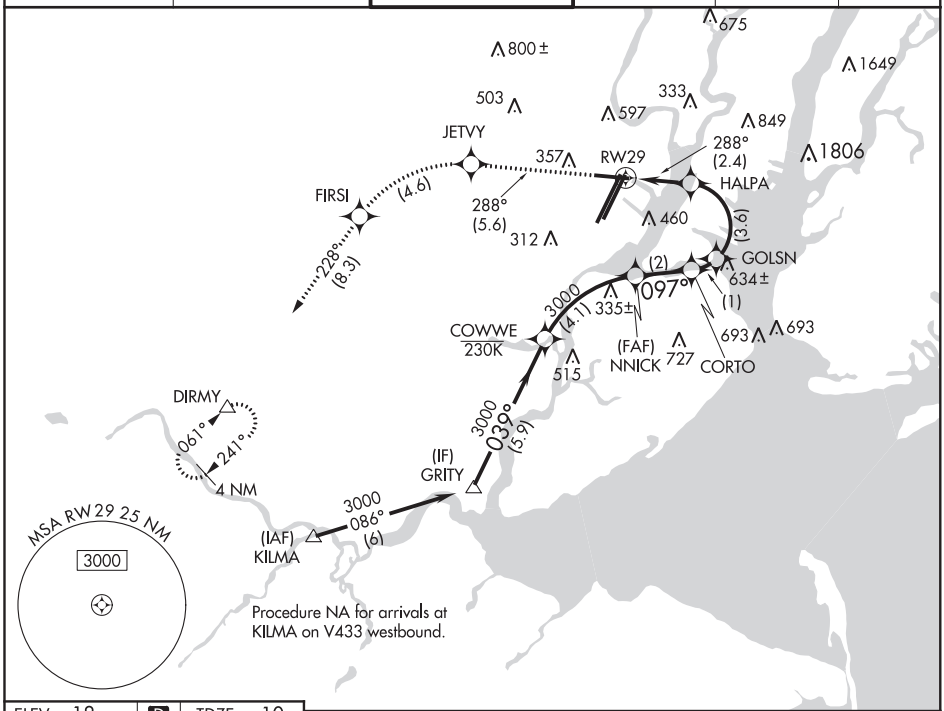
APP CRS	Rwy ldg	6502
288°	TDZE	10
	Apt Elev	18

RNP AR APCH. RF required.

For uncompensated Baro-VNAV systems, procedure NA below -14°C (7°F) or above 54°C (130°F).
* Missed approach requires minimum climb of 340 feet per NM to 800.

MISSED APPROACH: Climb to 3000 on track 288° to JETVY and left turn to FIRSI, and on track 228° to DIRMY and hold.

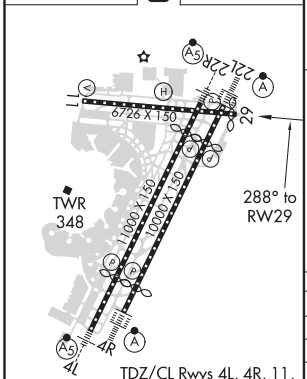
D-ATIS	NEW YORK APP CON	NEWARK TOWER	GND CON	CLNC DEL	CPDLC
115.7 134.825	128.55 379.9	118.3 257.6	121.8	118.85	



NE-2, 10 SEP 2020 to 05 NOV 2020

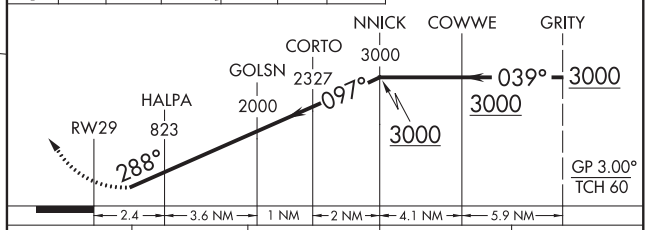
NE-2, 10 SEP 2020 to 05 NOV 2020

ELEV 18 | D | TDZE 10



TDZ/CL Rwys 4L, 4R, 11, 22L, 22R, and 29
REIL Rwys 11, 22R, and 29
HIRL Rwys 4L-22R, 4R-22L, and 11-29

3000	tr 288°	JETVY		FIRSI	tr 228°	DIRMY



CATEGORY	A	B	C	D
RNP 0.16 DA	466-1½	456 (500-1½)		NA
*RNP 0.30 DA	485-1½	475 (500-1½)		NA
RNP 0.30 DA	573-2	563 (600-2)		NA

AUTHORIZATION REQUIRED

RNAV (GPS) RWY 4L

NEWARK LIBERTY INTL (EWR)

WAAS CH 56224 W04A	APP CRS 039°	Rwy ldg 8460 TDZE 10 Apt Elev 17

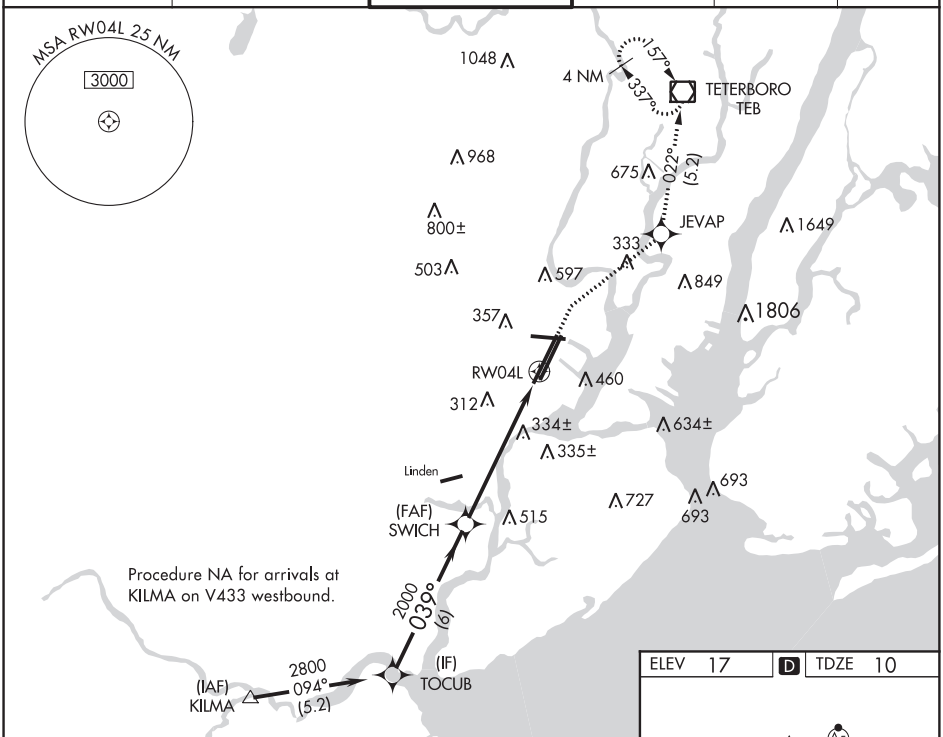
RNP APCH.

For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -13°C (9°F) or above 54°C (130°F). For inop ALS, increase LPV all Cats visibility to RVR 5500. Circling Rwy 29 NA at night.

MALSR

MISSED APPROACH: Climb to 440 then climbing right turn to 2500 direct JEVAP and on track 022° to TEB VOR/DME and hold.

D-ATIS	NEW YORK APP CON	NEWARK TOWER	GND CON	CLNC DEL	CPDLC
115.7 134.825	128.55 379.9	118.3 257.6	121.8	118.85	

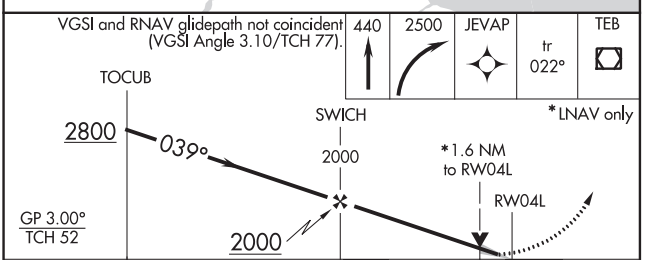


NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

VGSI and RNAV glidepath not coincident (VGSI Angle 3.10/TCH 77).

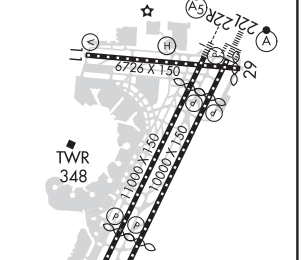
440	2500	JEVAP	tr 022°	TEB



*LNAV only

CATEGORY	A	B	C	D
LPV DA	379/35 369 (400-⅝)			
LNAV/VNAV DA	470/50 460 (500-1)			
LNAV MDA	600/24 590 (600-½)		600-1¼ 590 (600-1¼)	
C CIRCLING	760-1 743 (800-1)	820-1 803 (900-1)	900-2¾ 883 (900-2¾)	900-3 883 (900-3)

ELEV 17 D TDZE 10



TDZ/CL Rwys 4L, 4R, 11, 22L, 22R, and 29
REIL Rwys 11, 22R, and 29
HIRL Rwys 4L-22R, 4R-22L, and 11-29

NEWARK, NEW JERSEY AL-285 (FAA) 20254

RNAV (GPS) RWY 11
NEWARK LIBERTY INTL (EWR)

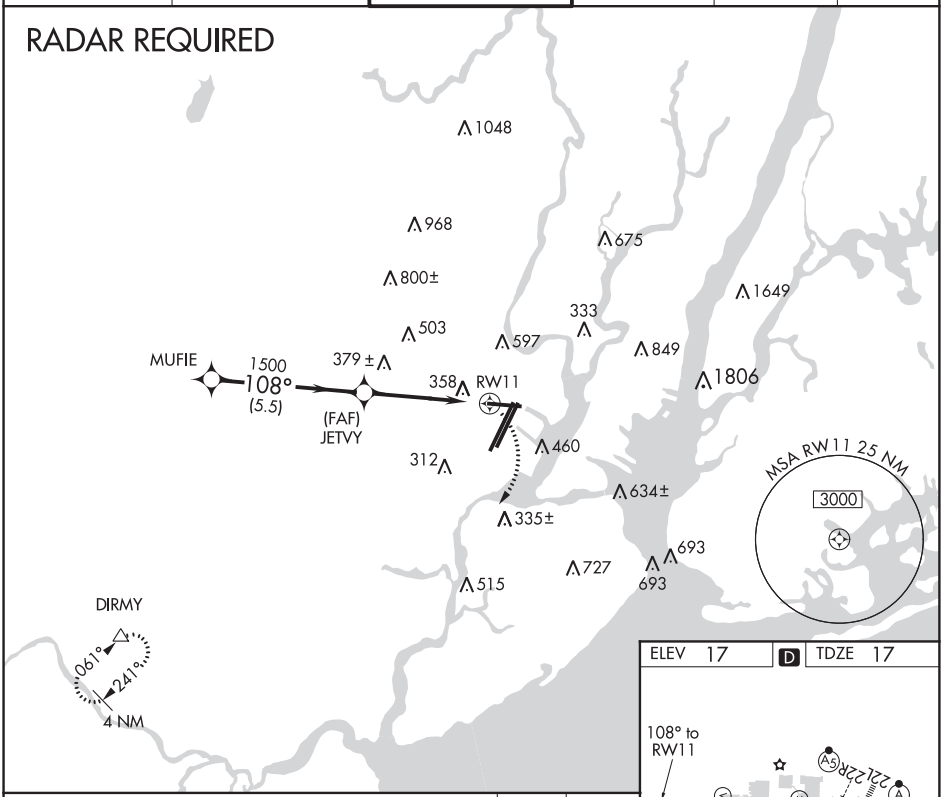
APP CRS	Rwy ldg	6726
108°	TDZE	17
	Apt Elev	17

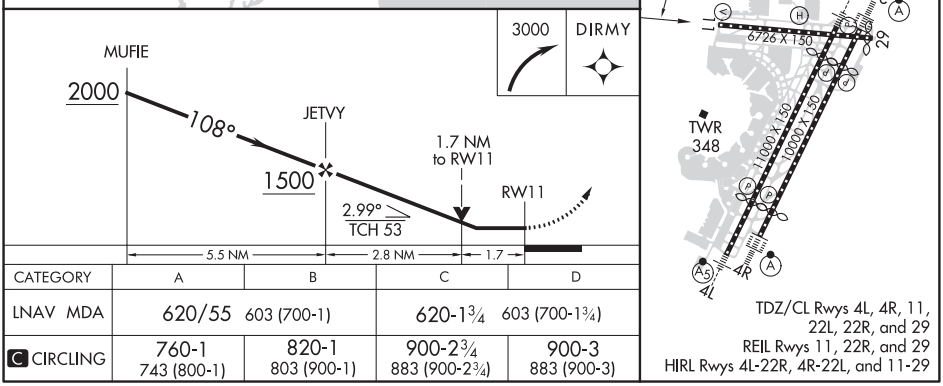
DME/DME RNP-0.3 NA. Circling Rwy 29 NA at night. Helicopter visibility reduction below ¾ SM NA.

MISSED APPROACH: Climbing right turn to 3000 direct DIRMY WP and hold.

D-ATIS	NEW YORK APP CON	NEWARK TOWER	GND CON	CLNC DEL	CPDLC
115.7 134.825	128.55 379.9	118.3 257.6	121.8	118.85	

RADAR REQUIRED





CATEGORY	A	B	C	D
LNAV MDA	620/55 603 (700-1)		620-1¾ 603 (700-1¾)	
C CIRCLING	760-1 743 (800-1)	820-1 803 (900-1)	900-2¾ 883 (900-2¾)	900-3 883 (900-3)

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

RNAV (GPS) RWY 22R
NEWARK LIBERTY INTL (EWR)

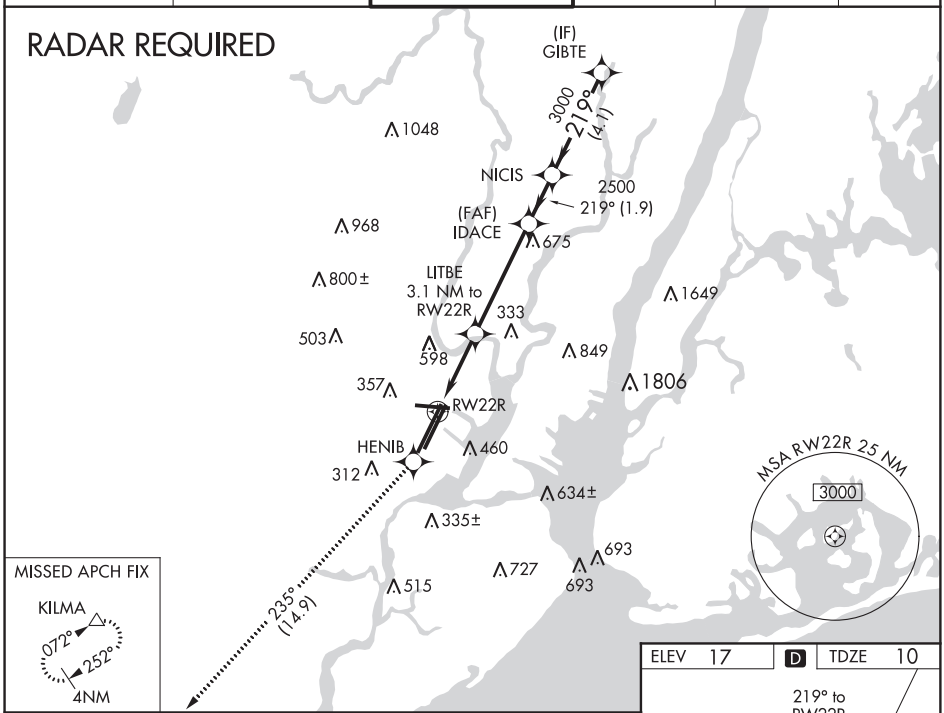
WAAS CH 77524 W22B	APP CRS 219°	Rwy ldg 9560 TDZE 10 Apt Elev 17

DME/DME RNP-0.3 NA. For inoperative MALSR, increase LPV visibility to RVR 6000 all Cats. Circling Rwy 29 NA at night.

MALSR

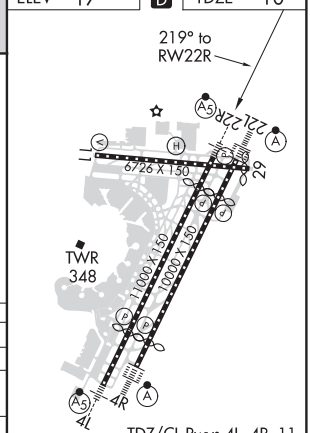
MISSED APPROACH: Climb to 3000 direct HENIB and on track 235° to KILMA and hold.

D-ATIS	NEW YORK APP CON	NEWARK TOWER	GND CON	CLNC DEL	CPDLC
115.7 134.825	128.55 379.9	118.3 257.6	121.8	118.85	



CATEGORY	A	B	C	D
LPV DA	361/40 351 (400-¾)			
LNAV/VNAV DA	NA			
LNAV MDA	620/24 610 (700-½)		620/60 610 (700-1¼)	620-1½ 610 (700-1½)
C CIRCLING	760-1¼ 743 (800-1¼)	820-1¼ 803 (800-1¼)	900-2¾ 883 (900-2¾)	900-3 883 (900-3)

ELEV 17 D TDZE 10



TDZ/CL Rwys 4L, 4R, 11, 22L, 22R, and 29
REIL Rwys 11, 22R, and 29
HIRL Rwys 4L-22R, 4R-22L, and 11-29

NE-2, 10 SEP 2020 to 05 NOV 2020
NE-2, 10 SEP 2020 to 05 NOV 2020

NEWARK, NEW JERSEY AL-285 (FAA) 20254

RNAV (GPS) X RWY 29

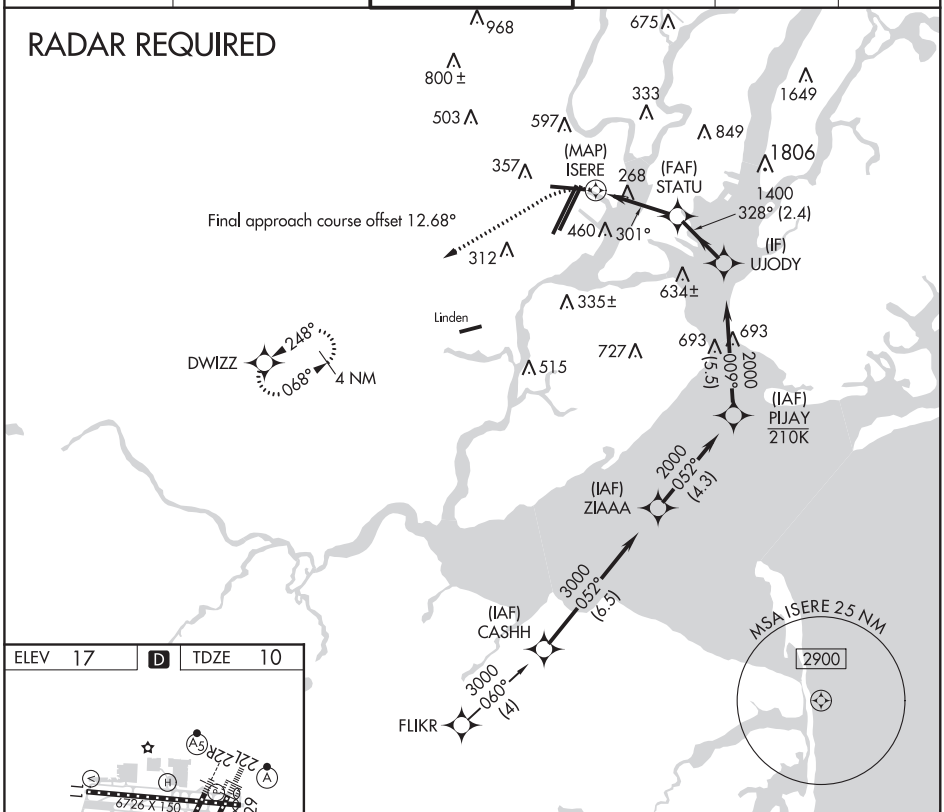
NEWARK LIBERTY INTL (EWR)

APP CRS	Rwy ldg	6502
301°	TDZE	10
	Apt Elev	17

DME/DME RNP-0.3 NA. Rwy 29 helicopter visibility reduction below 1 SM NA. Straight-in Rwy 29 NA at night. Circling Rwy 29 NA at night.

MISSED APPROACH: Climbing left turn to 2000 direct DWIZZ and hold.

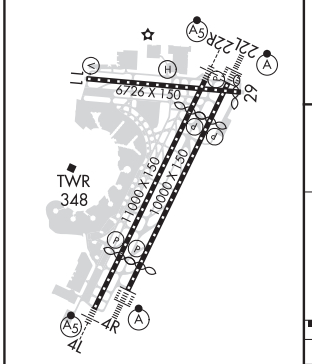
D-ATIS	NEW YORK APP CON	NEWARK TOWER	GND CON	CLNC DEL	CPDLC
115.7 134.825	128.55 379.9	118.3 257.6	121.8	118.85	



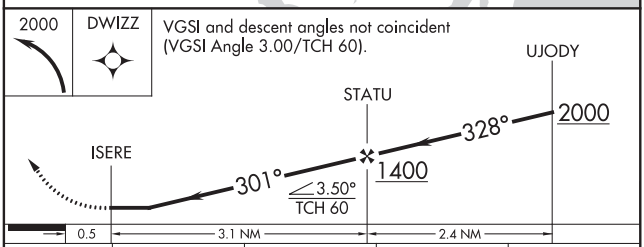
NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

ELEV 17 D TDZE 10



TDZ/CL Rwys 4L, 4R, 11, 22L, 22R, and 29
REIL Rwys 11, 22R, and 29
HIRL Rwys 4L-22R, 4R-22L, and 11-29



CATEGORY	A	B	C	D
LNAV MDA	520-1 510 (600-1)		520-1⅜ 510 (600-1⅜)	
C CIRCLING	760-1 743 (800-1)	820-1 803 (900-1)	900-2¾ 883 (900-2¾)	900-3 883 (900-3)

NEWARK, NEW JERSEY
Orig-A 01FEB18

40°42′N-74°10′W

NEWARK LIBERTY INTL (EWR)

RNAV (GPS) X RWY 29

RNAV (GPS) Y RWY 4R

NEWARK LIBERTY INTL (EWR)

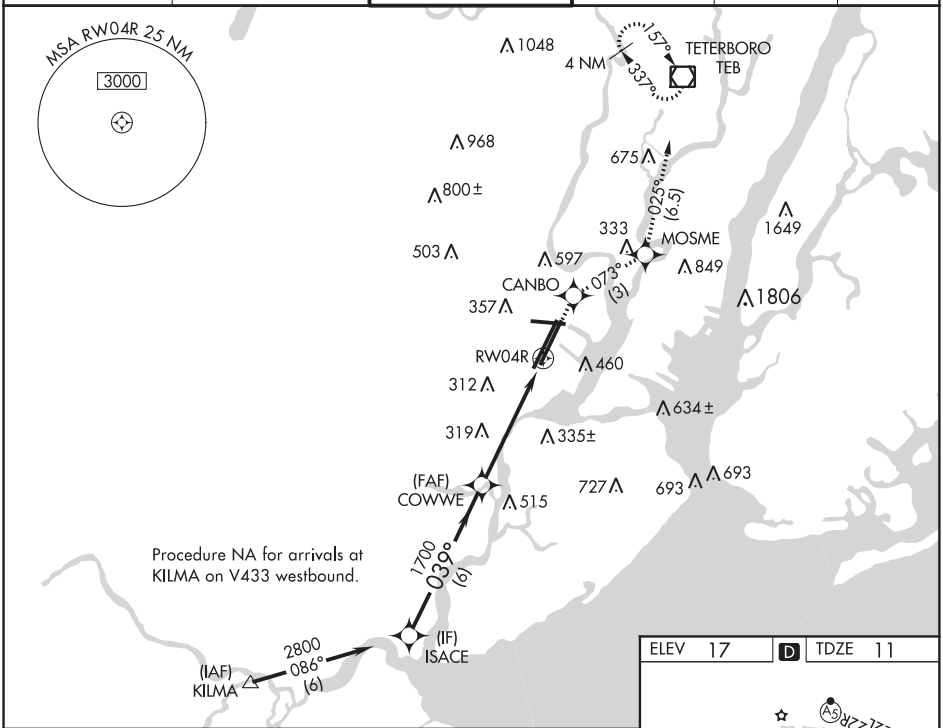
WAAS CH 60924 W04B	APP CRS 039°	Rwy ldg 8810 TDZE 11 Apt Elev 17

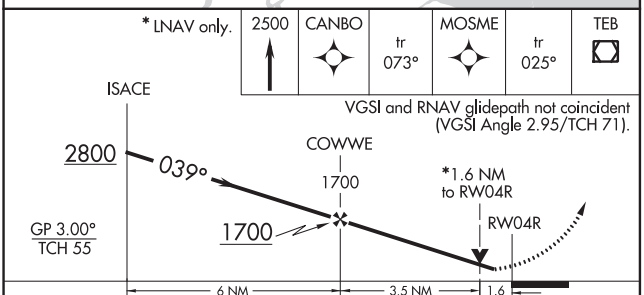
T DME/DME RNP-0.3 NA. For inop ALSF-2, increase LPV visibility to 1¼ mile all Cats, increase LNAV Cats A/B visibility to 1 mile, and Cat C to 1¾ mile. Rwy 4R helicopter visibility reduction below ¾ SM NA. Circling Rwy 29 NA at night.

ALSF-2

MISSED APPROACH: Climb to 2500 direct CANBO and on track 073° to MOSME and on track 025° to TEB VOR/DME and hold.

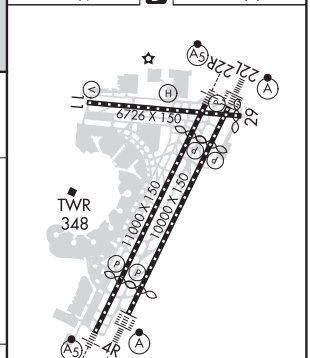
D-ATIS	NEW YORK APP CON	NEWARK TOWER	GND CON	CLNC DEL	CPDLC
115.7 134.825	128.55 379.9	118.3 257.6	121.8	118.85	





CATEGORY	A	B	C	D
LPV DA	357/40 346 (400-¾)			
LNAV MDA	660/40 649 (700-¾)		660/60 649 (700-1¼)	660-1½ 649 (700-1½)
C CIRCLING	760-1 743 (800-1)	820-1 803 (900-1)	900-2¾ 883 (900-2¾)	900-3 883 (900-3)

ELEV 17 D TDZE 11



TDZ/CL Rwys 4L, 4R, 11, 22L, 22R, and 29
REIL Rwys 11, 22R, and 29
HIRL Rwys 4L-22R, 4R-22L, and 11-29

NE-2, 10 SEP 2020 to 05 NOV 2020

NEWARK, NEW JERSEY — AL-285 (FAA) — 20254

RNAV (GPS) Z RWY 22L

NEWARK LIBERTY INTL (EWR)

WAAS CH 70324 W22A	APP CRS 219°	Rwy ldg 8207 TDZE 11 Apt Elev 17

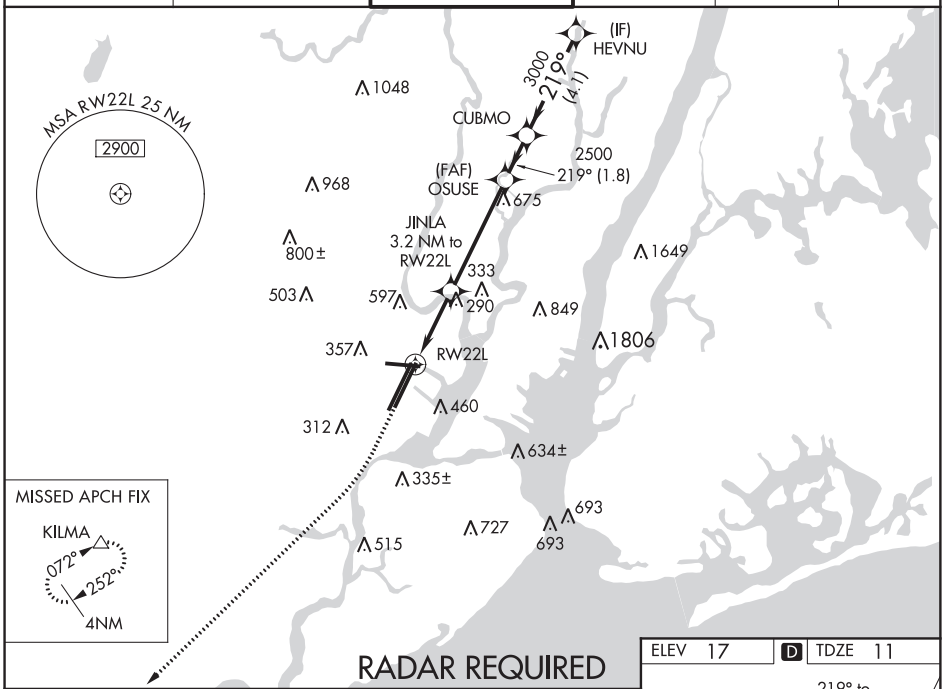
RNP APCH.

For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -13°C (9°F) or above 54°C (130°F). Circling Rwy 29 NA at night. For inoperative ALSF-2, increase LNAV/VNAV all Cats visibility to 1⅜ mile.

ALSF-2

MISSED APPROACH: Climb to 600 then climbing right turn to 3000 direct to KILMA and hold.

D-ATIS	NEW YORK APP CON	NEWARK TOWER	GND CON	CLNC DEL	CPDLC
115.7 134.825	128.55 379.9	118.3 257.6	121.8	118.85	



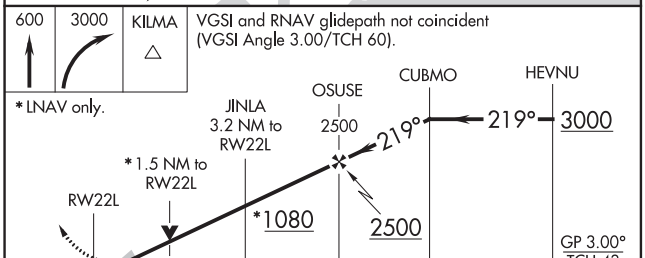
RADAR REQUIRED

ELEV 17 | D | TDZE 11

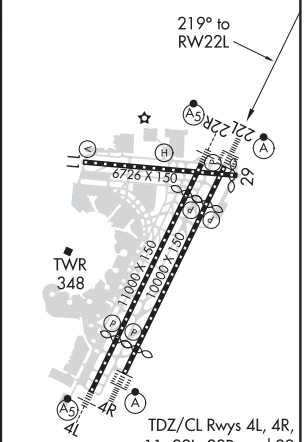
600 | 3000 | KILMA

VGSI and RNAV glidepath not coincident (VGSI Angle 3.00/TCH 60).

*LNAV only.



CATEGORY	A	B	C	D
LPV DA	211/18 200 (200-½)			
LNAV/VNAV DA	462/50 451 (500-1)			
LNAV MDA	560/24 549 (600-½)		560/60 549 (600-1¼)	
C CIRCLING	760-1 743 (800-1)	820-1 803 (900-1)	900-2¾ 883 (900-2¾)	900-3 883 (900-3)



TDZ/CL Rwys 4L, 4R, 11, 22L, 22R, and 29
REIL Rwys 11, 22R, and 29
HIRL Rwys 4L-22R, 4R-22L, and 11-29

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

VOR RWY 11
NEWARK LIBERTY INTL (EWR)

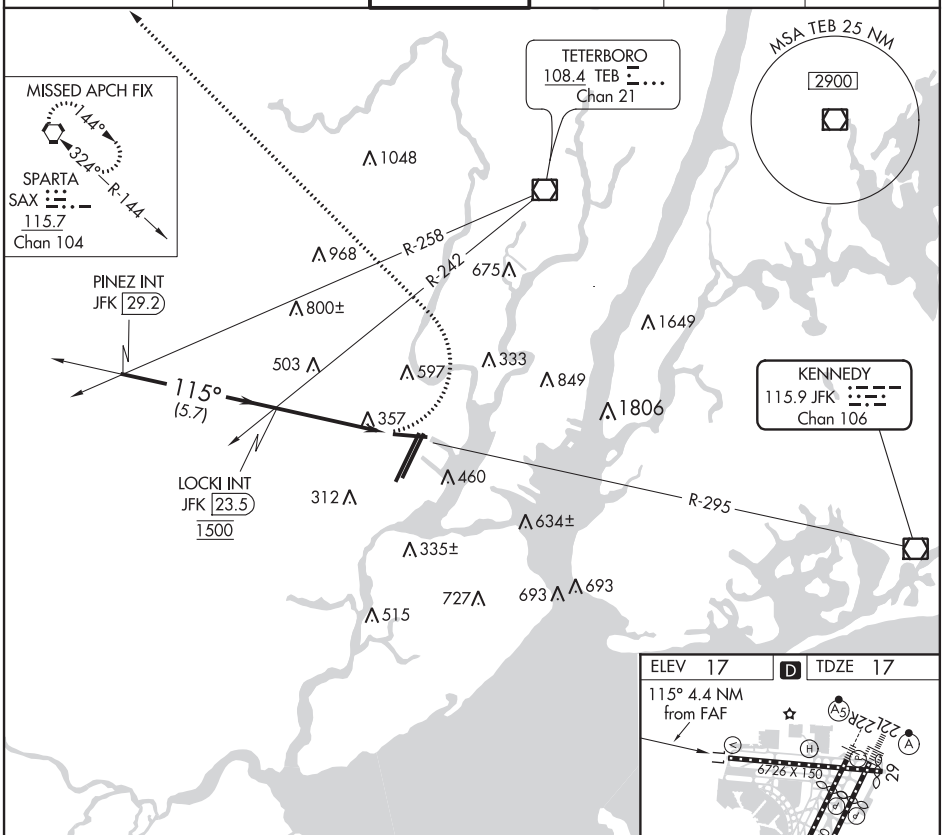
VOR/DME JFK	APP CRS	Rwy ldg 6726
115.9	115°	TDZE 17
Chan 106		Apt Elev 17

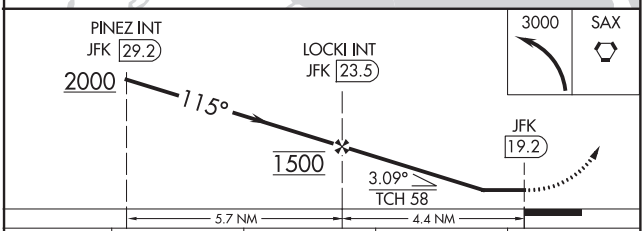
RADAR required for procedure entry.

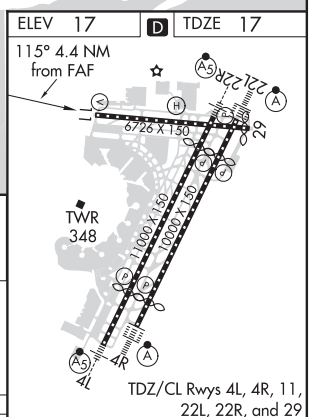
T A Rwy 11 helicopter visibility reduction below 1 SM NA. Straight-in Rwy 11 NA at night.

MISSED APPROACH: Climbing left turn to 3000 direct SAX VORTAC and hold.

D-ATIS	NEW YORK APP CON	NEWARK TOWER	GND CON	CLNC DEL	CPDLC
115.7 134.825	128.55 379.9	118.3 257.6	121.8	118.85	







TDZ/CL Rwys 4L, 4R, 11, 22L, 22R, and 29
REIL Rwys 11, 22R and 29
HIRL Rwys 4L-22R, 4R-22L and 11-29

CATEGORY	A	B	C	D
S-11	1000-1¼ 983 (1000-1¼)	1000-1½ 983 (1000-1½)	1000-3 983 (1000-3)	
C CIRCLING	1000-1¼ 983 (1000-1¼)	1000-1½ 983 (1000-1½)	1000-3 983 (1000-3)	

FAF to MAP 4.4 NM					
Knots	60	90	120	150	180
Min:Sec	4:24	2:56	2:12	1:46	1:28

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

NEWARK, NEW JERSEY AL-285 (FAA) 20254

COPTER ILS or LOC/DME RWY 4L

NEWARK LIBERTY INTL (EWR)

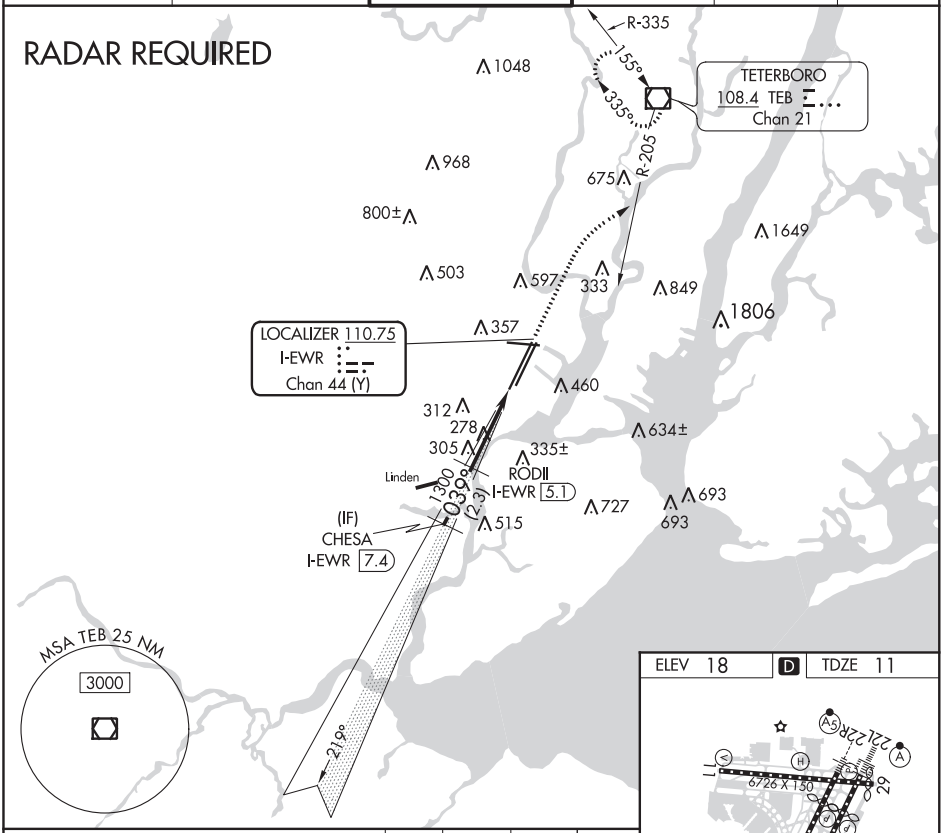
LOC/DME I-EWR	APP CRS	Rwy ldg 8460
110.75	039°	TDZE 11
Chan 44 (Y)		Apt Elev 18

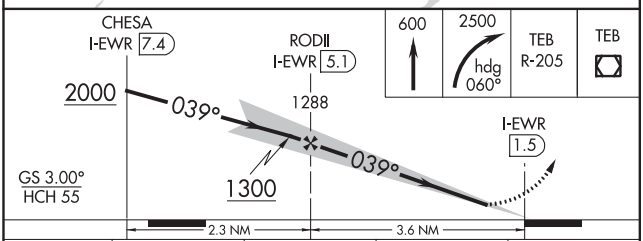
T
A NA

MALSR A5

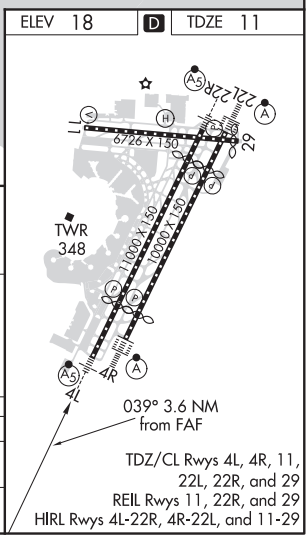
MISSED APPROACH: Climb to 600 then climbing right turn to 2500 via heading 060° and TEB R-205 to TEB VOR/DME and hold.

D-ATIS	NEW YORK APP CON	NEWARK TOWER	GND CON	CLNC DEL	CPDLC
115.7 134.825	128.55 379.9	118.3 257.6	121.8	118.85	





CATEGORY	COPTER	B	C	D
H-ILS 4L	211/12 200 (200-¼)	NA		
H-LOC 4L	560/12 549 (600-¼)	NA		



TDZ/CL Rwys 4L, 4R, 11, 22L, 22R, and 29
REIL Rwys 11, 22R, and 29
HIRL Rwys 4L-22R, 4R-22L, and 11-29

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

NEWARK, NEW JERSEY 40°42'N-74°10'W NEWARK LIBERTY INTL (EWR)
Amdt 1E 14NOV13

COPTER ILS or LOC/DME RWY 4L

COPTER ILS/DME RWY 22L

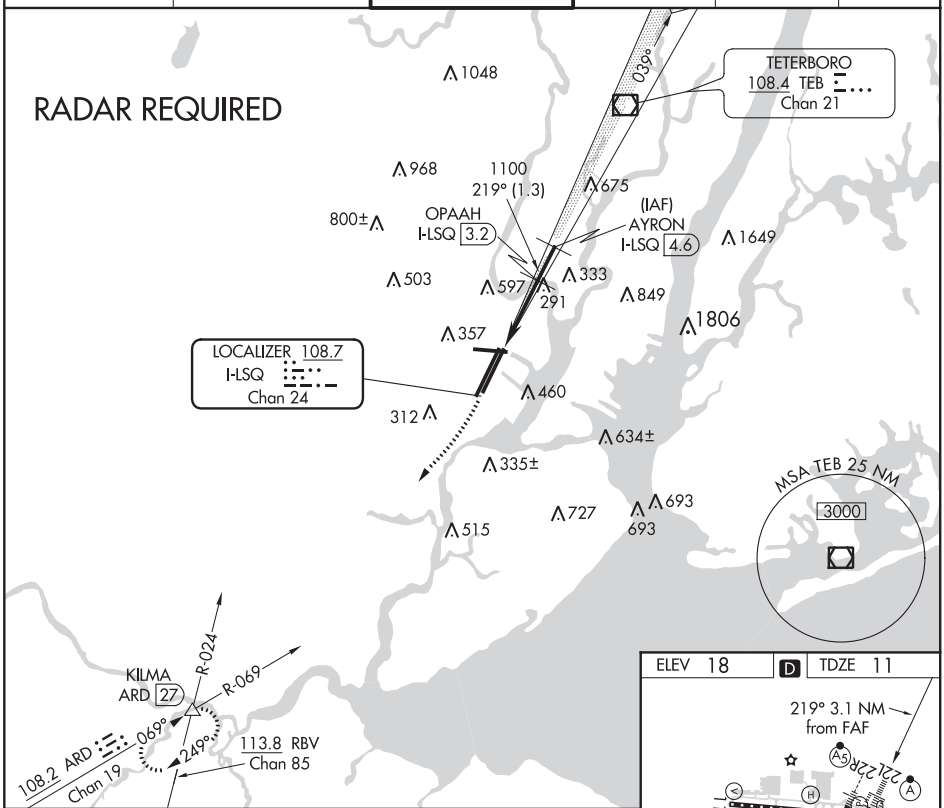
NEWARK LIBERTY INTL (EWR)

LOC/DME I-LSQ	APP CRS	Rwy ldg 8207
108.7	219°	TDZE 11
Chan 24		Apt Elev 18

ALSF-2

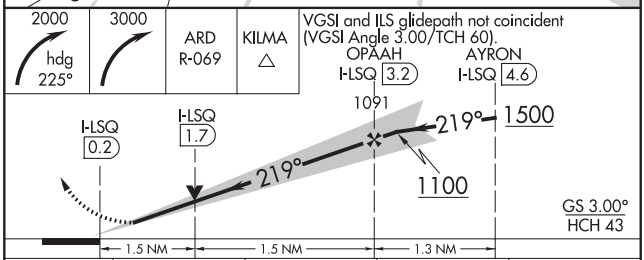
MISSED APPROACH: Climbing right turn to 2000 heading 225° then climbing right turn to 3000 via ARD R-069 to KILMA INT and hold.

D-ATIS	NEW YORK APP CON	NEWARK TOWER	GND CON	CLNC DEL	CPDLC
115.7 134.825	128.55 379.9	118.3 257.6	121.8	118.85	



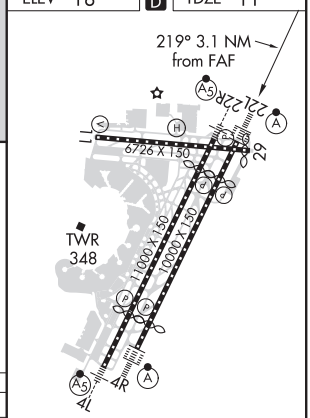
2000	3000	ARD	KILMA
hdg 225°		R-069	△

VGSI and ILS glidepath not coincident (VGSI Angle 3.00/TCH 60).



CATEGORY	COPTER	B	C	D
H-ILS 22L	211/12 200 (200-¼)	NA		
H-LOC 22L	560/12 549 (600-¼)	NA		

ELEV 18 D TDZE 11



TDZ/CL Rwys 4L, 4R, 11, 22L, 22R, and 29
REIL Rwys 11, 22R, and 29
HIRL Rwys 4L-22R, 4R-22L, and 11-29

NE-2, 10 SEP 2020 to 05 NOV 2020

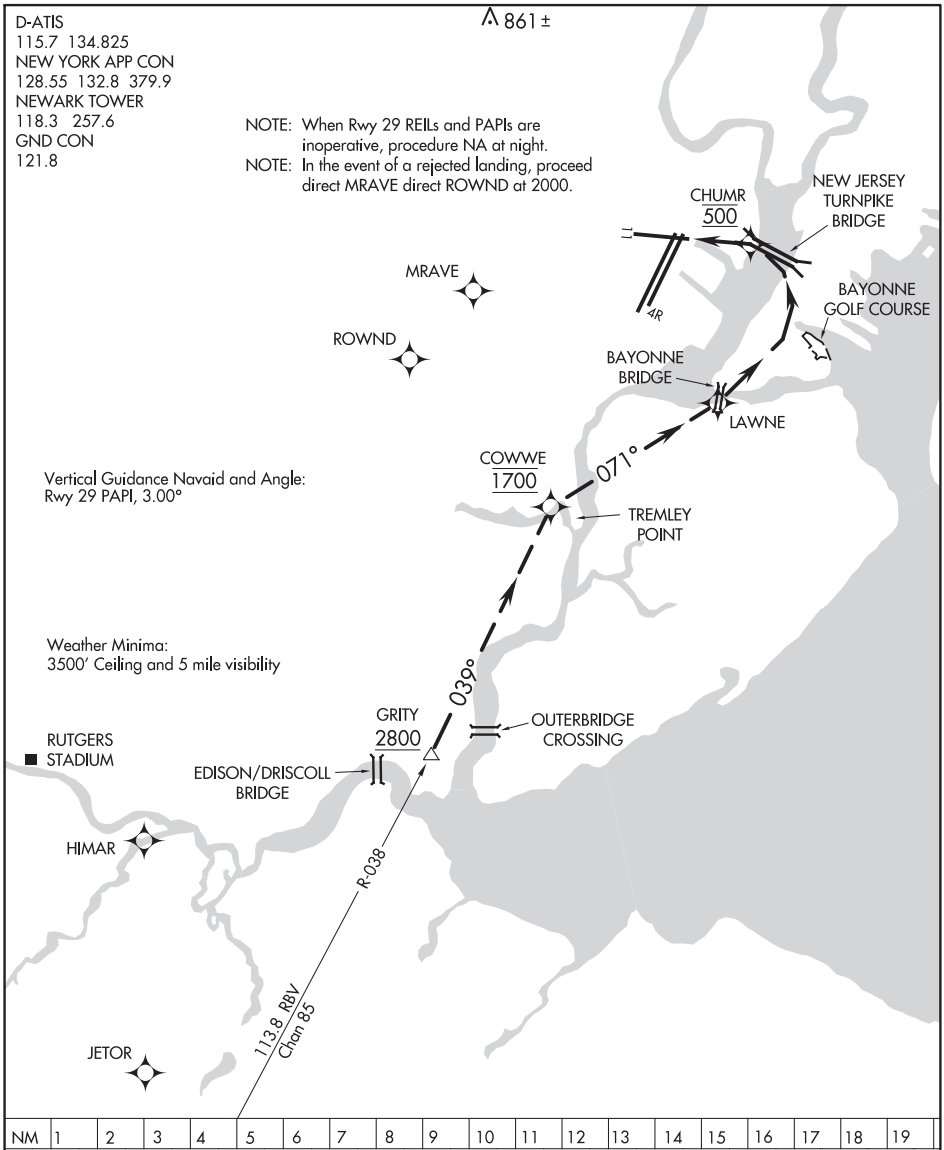
NE-2, 10 SEP 2020 to 05 NOV 2020

Amdt 1 17117

BRIDGE VISUAL RWY 29

AL-285 (FAA)

NEWARK LIBERTY INTL (EWR)
NEWARK, NEW JERSEY



BRIDGE VISUAL RUNWAY 29

When cleared for Bridge Visual approach, cross the Edison/Driscoll Bridge (GRITY) at or above 2800. Proceed direct to Tremley Point (COWWE), cross Tremley Point at 1700. From Tremley Point proceed direct to Bayonne Bridge (LAWNE), then to the west end of the Bayonne Golf Course. Turn left and descend to cross Turnpike Bridge (CHUMR) at 500.

NE-2, 10 SEP 2020 to 05 NOV 2020

BRIDGE VISUAL RWY 29

40°42′N-74°10′W

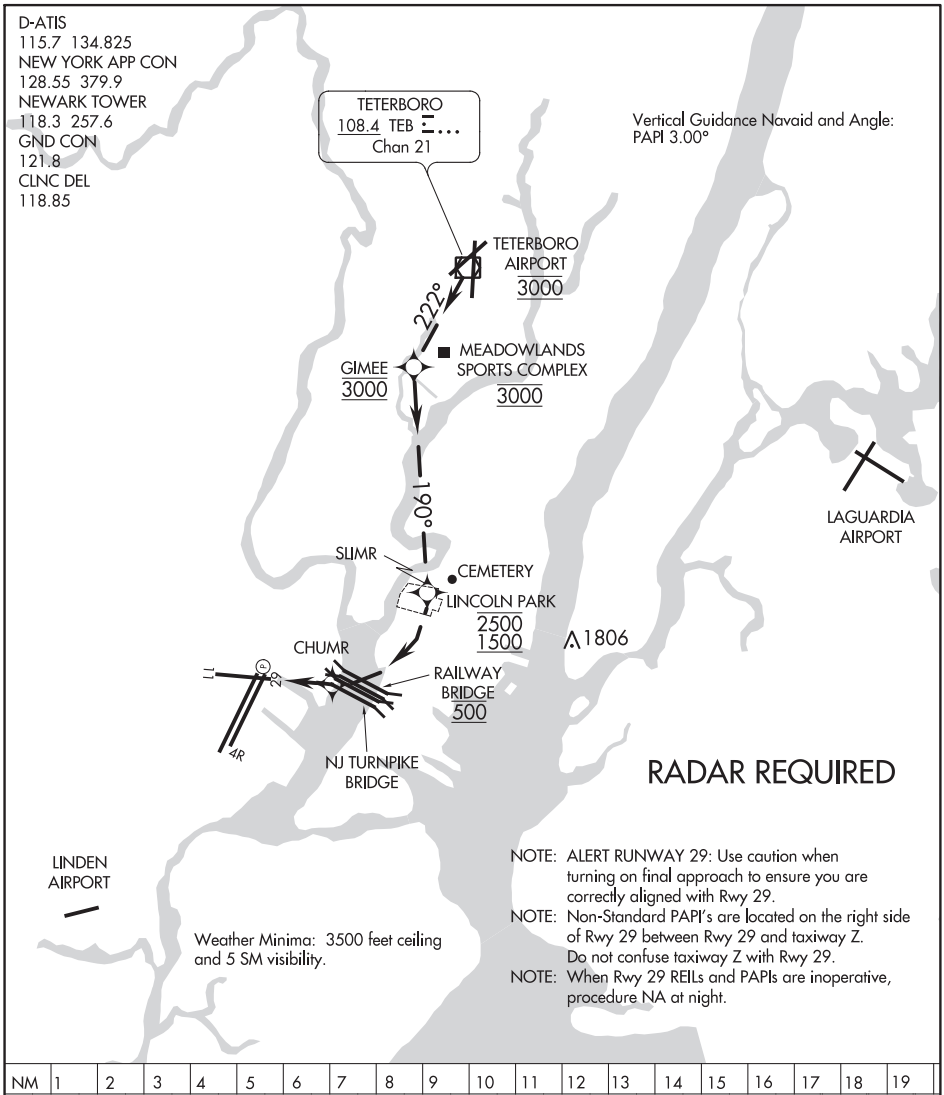
NEWARK, NEW JERSEY
NEWARK LIBERTY INTL (EWR)

Amdt 1 06FEB14

STADIUM VISUAL RWY 29

AL-285 (FAA)

NEWARK LIBERTY INTL (EWR)
NEWARK, NEW JERSEY



STADIUM VISUAL RUNWAY 29

When cleared for the Stadium Visual Approach, proceed direct to Teterboro Airport and cross it at 3000′ proceed on 222° heading to west end of Meadowlands Sports Complex (GIMEE). Cross GIMEE at 3000′. Turn left at GIMEE and continue along left (east) side of river to Lincoln Park. Plan to be in final landing configuration by Lincoln Park. Turn right and descend to cross Railway Bridge at 500′.

NE-2, 10 SEP 2020 to 05 NOV 2020

STADIUM VISUAL RWY 29

40°42′N-74°10′W

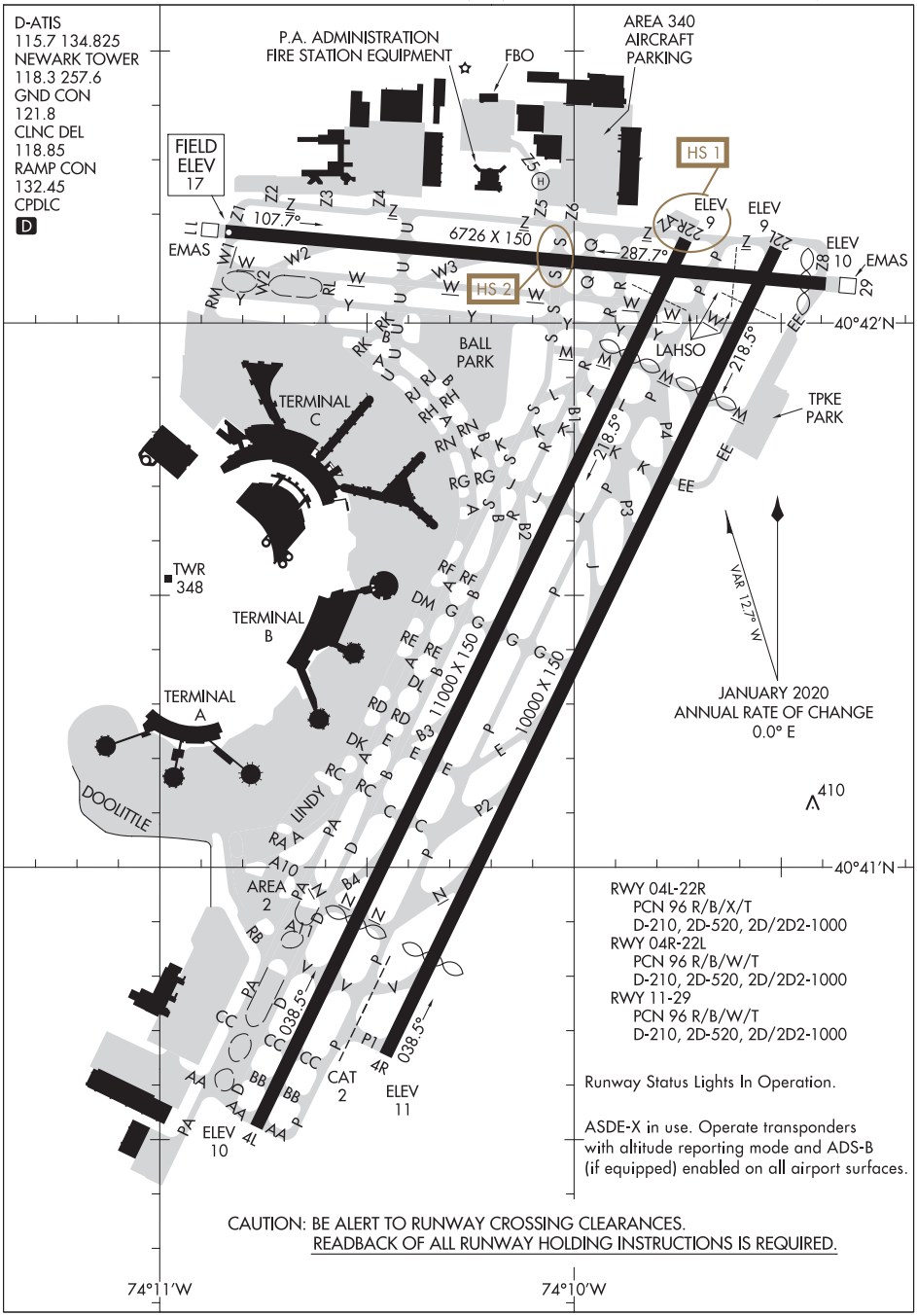
NEWARK, NEW JERSEY
NEWARK LIBERTY INTL (EWR)

20254

AIRPORT DIAGRAM

AL-285 (FAA)

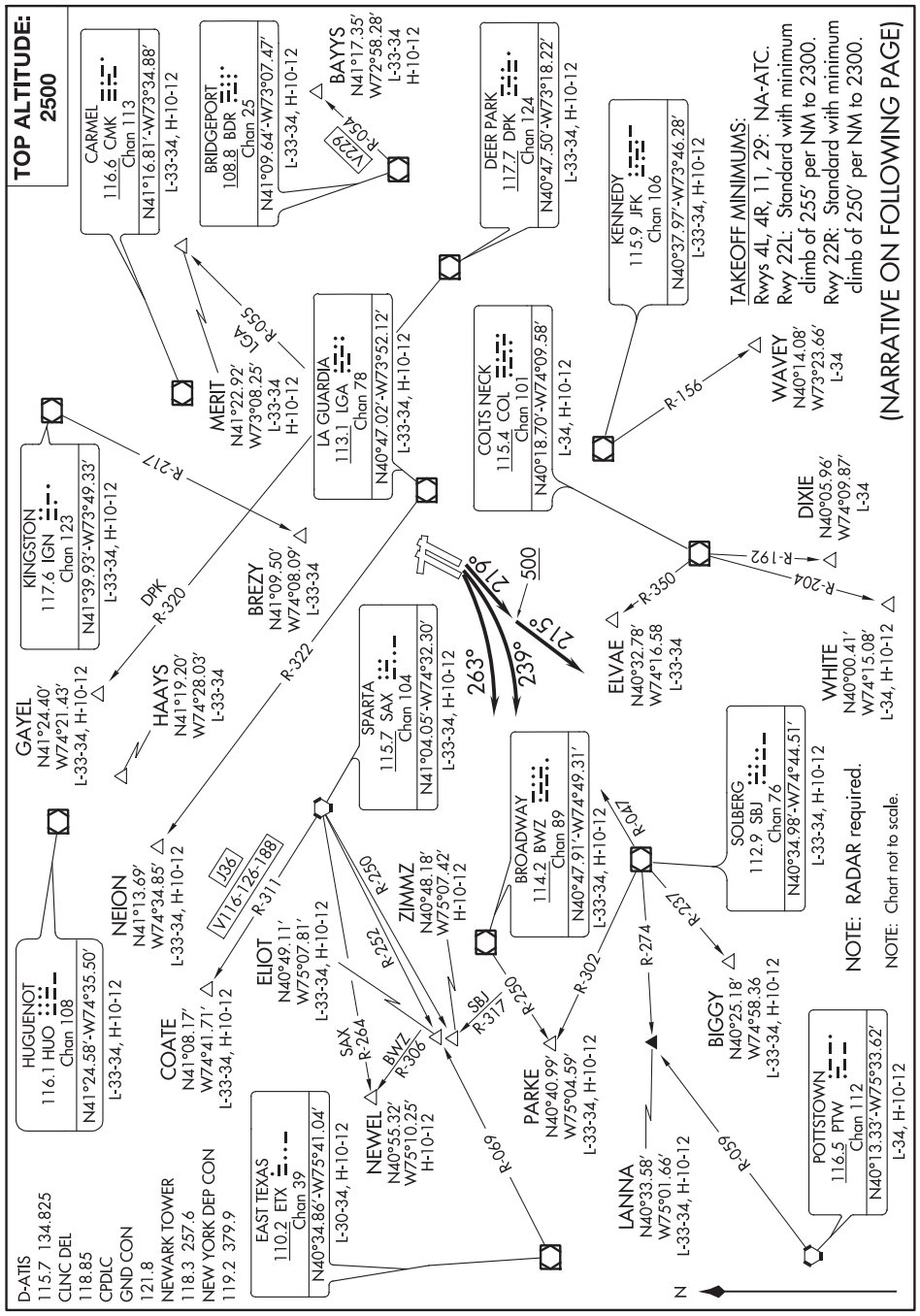
NEWARK LIBERTY INTL(EWR)
NEWARK, NEW JERSEY



NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

AIRPORT DIAGRAM
20254
NEWARK, NEW JERSEY
NEWARK LIBERTY INTL(EWR)



NE-2, 10 SEP 2020 to 05 NOV 2020

DEPARTURE ROUTE DESCRIPTION

TURNPIKE CLIMB: Climb on heading 219° to 500, then climb heading 215°, or as assigned by ATC, thence....
PARKWAY CLIMB: Climbing right turn to heading 239°, or as assigned by ATC, thence....
BUD CLIMB: Climbing right turn on heading 263°, or as assigned by ATC, thence....

....expect radar vectors to assigned route/fix. Maintain 2500. Expect clearance to filed altitude/flight level within 10 minutes after departure.

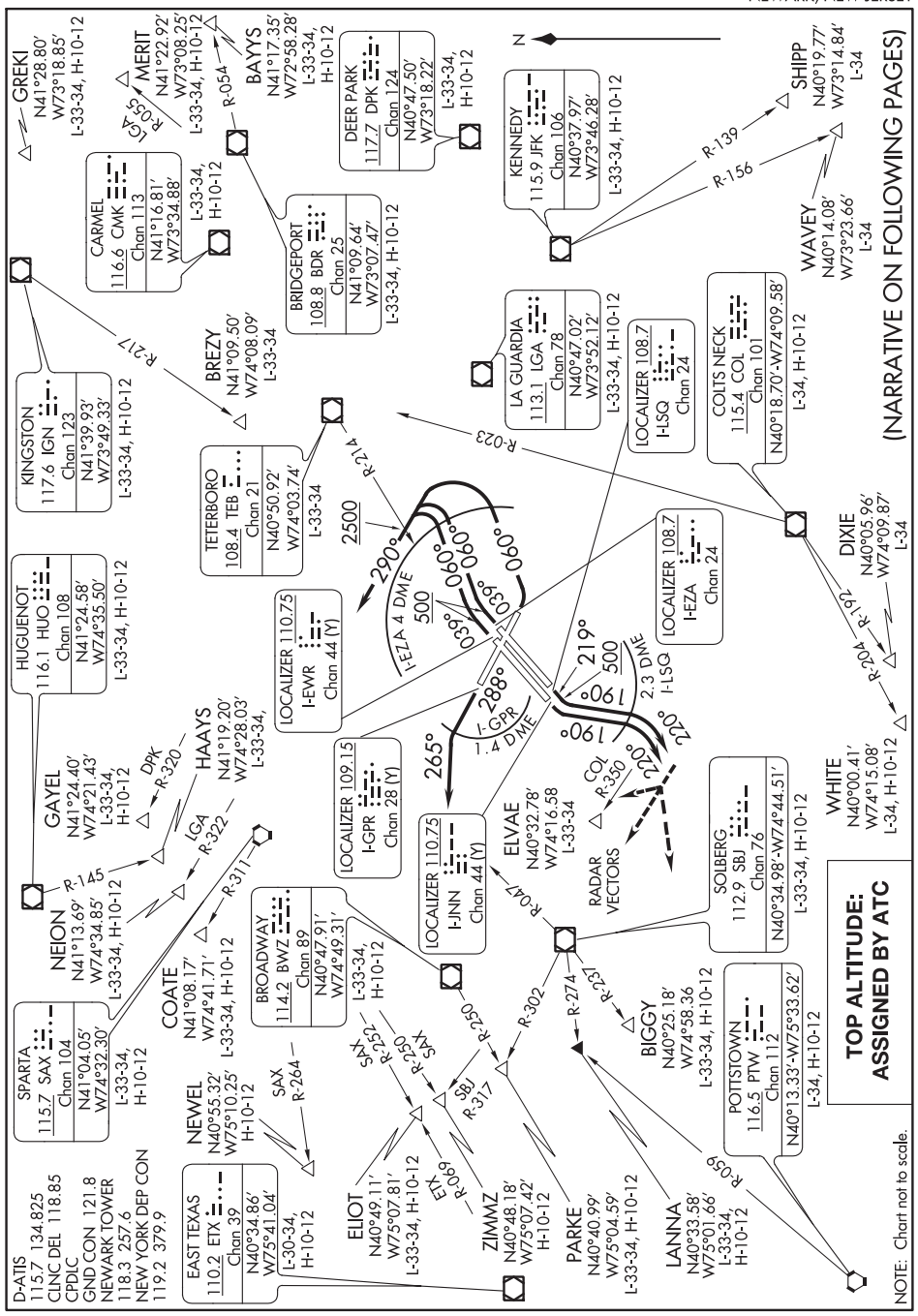
LOST COMMUNICATIONS: For aircraft proceeding to COATE, NEION, HAAYS, GAYEL, or BREZY, if radio contact lost/not established with ATC, climb to 3000′ after SBJ R-047.

NOTE: Rwy 22L/R Departures:
NOTE: BAYYS departures expect vectors to BDR/BDR R-054.
NOTE: BIGGY departures expect vectors to SBJ/SBJ R-237.
NOTE: BREZY departures expect vectors to IGN R-217 to BREZY.
NOTE: COATE departures expect vectors to SAX/SAX R-311.
NOTE: ELIOT departures expect vectors to SAX R-252 between 2300 and 0700 local. ELIOT departures expect vectors to SBJ or ETX. ELIOT may be accessed by all type aircraft requesting final altitude of 14000 or 16000.
NOTE: GAYEL departures expect vectors to DPK R-320.
NOTE: HAAYS departures expect vectors to HUO.
NOTE: LANNA departures expect vectors to SBJ/SBJ R-274.
NOTE: MERIT departures expect vectors to LGA R-055.
NOTE: NEION departures expect vectors to LGA R-322.
NOTE: NEWEL departures expect vectors to SAX R-264. NEWEL may be accessed by turbojet aircraft only requesting a final altitude at or above FL180.
NOTE: PARKE departures expect vectors to SBJ/SBJ R-302.
NOTE: WAVEY departures expect vectors to JFK/JFK R-156.
NOTE: WHITE/DIXIE departures expect vectors to COL R-350 or ELVAE/COL thence to WHITE on COL R-204 or to DIXIE on COL R-192.
NOTE: ZIMMZ departures expect vectors to SAX R-250. ZIMMZ may be accessed by all type of aircraft requesting a final altitude at or above FL180.

NEWARK FOUR DEPARTURE

AL-285 (FAA)

NEWARK LIBERTY INTL (EWR)
NEWARK, NEW JERSEY



NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

NEWARK FOUR DEPARTURE

AL-285 (FAA)

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 4L/R: Climb heading 039° to 500, then climbing right turn heading 060° to I-EZA 4 DME (use I-EWR 3.6 DME when I-EZA is NA), then climbing left turn heading 290°. Cross TEB R-214 westbound at or above 2500, climb and maintain 3000, thence....

TAKEOFF RUNWAY 11: Climbing left turn heading 060° (do not proceed east of COL R-023) to I-EZA 4 DME (use I-EWR 3.6 DME when I-EZA is NA), then climbing left turn heading 290°. Cross TEB R-214 westbound at or above 2500, climb and maintain 3000, thence....

TAKEOFF RUNWAY 22L: Climb heading 219° to 500, then climbing left turn heading 190° to I-LSQ 2.3 DME (use I-JNN 2.8 DME when I-LSQ is NA), then climbing right turn heading 220°. Maintain 2500, thence....

TAKEOFF RUNWAY 22R: Climbing left turn heading 190° to I-LSQ 2.3 DME (use I-JNN 2.8 DME when I-LSQ is NA), then climbing right turn heading 220°. Maintain 2500, thence....

TAKEOFF RUNWAY 29: Climb heading 288° to I-GPR 1.4 DME, then climbing left turn heading 265°. Maintain 5000, thence....

....as per notes or on vector to assigned route/fix. Expect clearance to filed altitude/flight level ten (10) minutes after departure.

LOST COMMUNICATIONS: For aircraft proceeding to COATE, NEION, HAAYS, GAYEL, or BREZY, if radio contact lost/not established with ATC, climb to 3000′ after SBJ R-047.

NOTE: Takeoff Rwy 11 obstruction, 1806′ high building 6.6 miles east of DER.
NOTE: Radar and DME Required.
NOTE: Rwy 4L/R, 11 simultaneous reception of EWR ILS/DME required.
NOTE: Rwy 22L/R westbound departures expect vectors between 5 and 8 NM.

DP FIX	Depart Rwy 4L/R Expect VECTORS to:	Depart Rwy 22L/R Expect VECTORS to:
BAYYS	BDR/BDR R-054	BDR/BDR R-054
BIGGY	**SBJ** /SBJ R-237	**SBJ**/SBJ R-237
BREZY	IGN R-217 to BREZY	IGN R-217 to BREZY
COATE	SAX/SAX R-311	SAX/SAX R-311
DIXIE	COL R-350/COL/COL R-192 or ELVAE/COL	COL R-350/COL/COL R-192 or ELVAE/COL
ELIOT	SAX R-252	ETX (2300L-0700L SBJ/ETX)
GAYEL	DPK R-320	DPK R-320
HAAYS	HUO	HUO
LANNA	PTW R-059	**SBJ**/SBJ R-274
MERIT	LGA R-055	LGA R-055
NEION	LGA R-322	LGA R-322
NEWEL	SAX/SAX R-264	SAX/SAX R-264
PARKE	BWZ R-250	**SBJ** /SBJ R-302
SHIPP	JFK/JFK R-139	JFK/JFK R-139
WAVEY	JFK/JFK R-156	JFK/JFK R-156
WHITE	COL R-350/COL/COL R-204 or ELVAE/COL	COL R-350/COL/COL R-204 or ELVAE/COL
ZIMMZ	SAX R-250	SBJ /SBJ R-317

NOTE: ELIOT may be accessed by all types of aircraft requesting a final altitude of 14000 or 16000.
NOTE: NEWEL may be accessed by turbojet aircraft only requesting a final altitude at or above FL180.
NOTE: ZIMMZ may be accessed by all types of aircraft requesting a final altitude at or above FL180.

(CONTINUED ON FOLLOWING PAGE)

(NOTES CONTINUED)

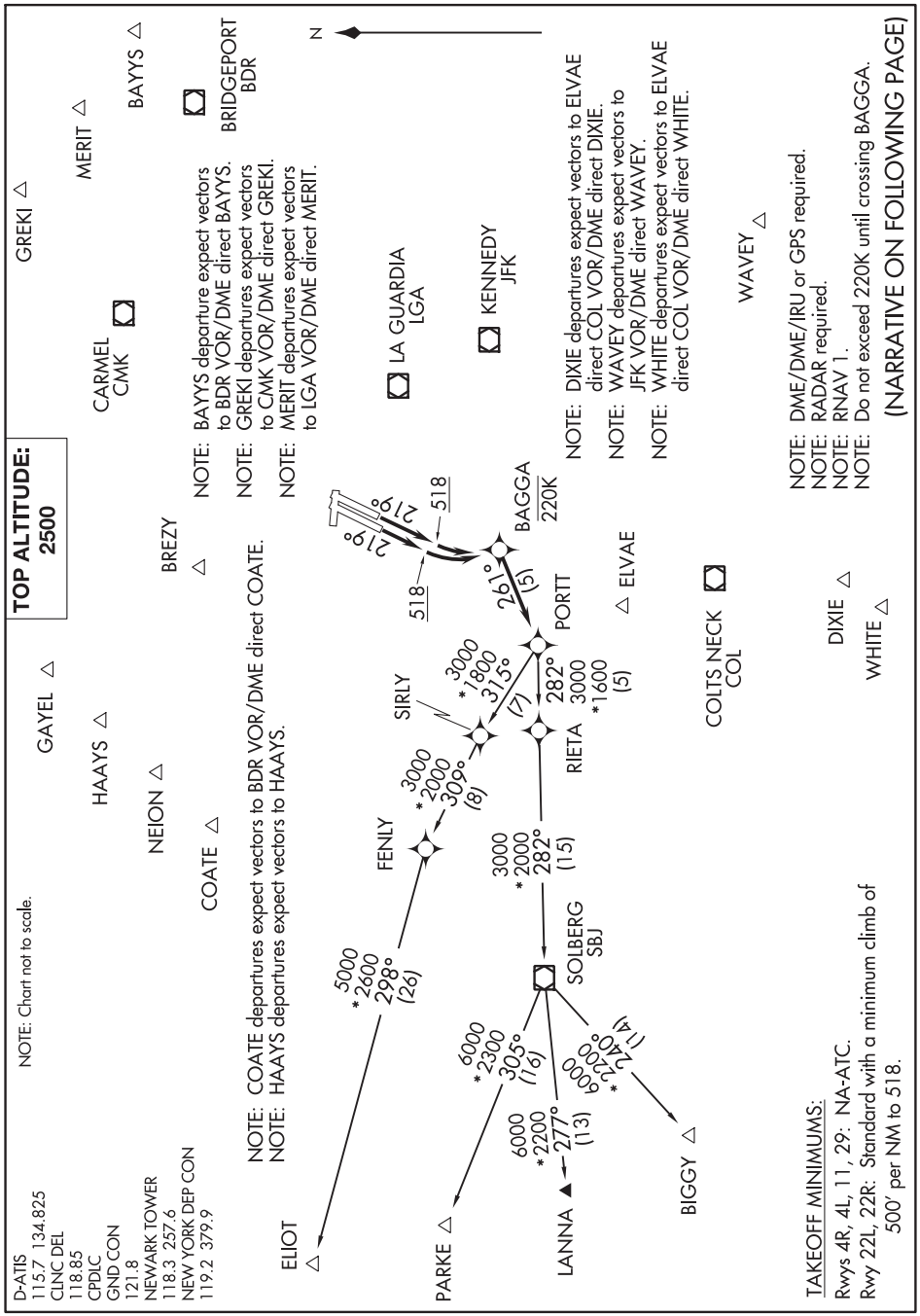
TAKEOFF MINIMUMS:
Rwy 4L/R: Standard. ATC climb of 500′ per NM to 2500.
Rwy 11: Standard with minimum climb of 361′ per NM to 2500.
Rwy 22L: Standard with minimum climb of 453′ per NM to 500.
Rwy 22R: Standard with minimum climb of 459′ per NM to 400.
Rwy 29: Standard with minimum climb of 473′ per NM to 500.

NE-2, 10 SEP 2020 to 05 NOV 2020

(PORTT4.PORTT) 19003 AL-285 (FAA)

NEWARK LIBERTY INTL (EWR)
NEWARK, NEW JERSEY

PORTT FOUR DEPARTURE (RNAV)



NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

PORTT FOUR DEPARTURE (RNAV)

(PORTT4.PORTT) 29MAR18

NEWARK, NEW JERSEY
NEWARK LIBERTY INTL (EWR)

PORTT FOUR DEPARTURE (RNAV)

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAYS 22L/22R: Climb heading 219° to 518, then left turn direct BAGGA, then on depicted route to PORTT, thence . . . .

. . . . on assigned transition, or on vectors to assigned departure fix, maintain 2500. Expect clearance to filed altitude/flight level within 10 minutes after departure.

BIGGY TRANSITION (PORTT4.BIGGY):
ELIOT TRANSITION (PORTT4.ELIOT):
LANNA TRANSITION (PORTT4.LANNA):
PARKE TRANSITION (PORTT4.PARKE):

NE-2, 10 SEP 2020 to 05 NOV 2020

ILS Y or LOC Y RWY 28R

NIAGARA FALLS INTL (IAG)

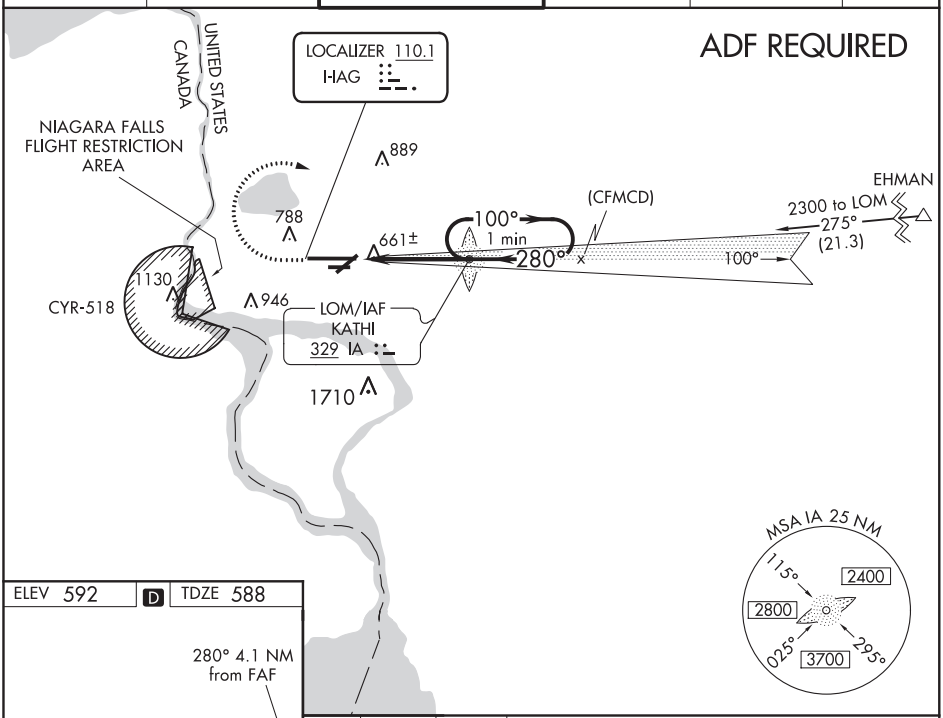
LOC I-IAG	APP CRS	Rwy ldg	9129
110.1	280°	TDZE	588
		Apt Elev	592

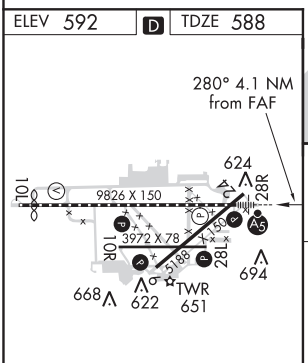
ADF Required. When local altimeter setting not received, use Buffalo Niagara Intl altimeter setting and increase all DA 51 feet and all MDA 60 feet; increase Circling Cat C and D visibility ¼ SM. For inop MALSR, increase S-ILS 28R all Cats visibility to RVR 4500 and S-LOC 28R all Cats visibility to RVR 5000. For inop MALSR when using Buffalo Niagara Intl altimeter setting, increase S-ILS 28R all Cats visibility to RVR 4500, S-LOC 28R Cats A/B visibility to RVR 5000, and S-LOC 28R Cats C/D visibility to RVR 6000. Rwy 28R helicopter visibility reduction below ¾ SM NA. Rwy 6, 10R, 24, 28L helicopter visibility reduction below 1 SM NA. Circling Rwy 6, 10R, 24, 28L NA at night.

MALSR

MISSED APPROACH: Climb to 1200 then climbing right turn to 3200 on heading 050° then direct KATHI LOM and hold.

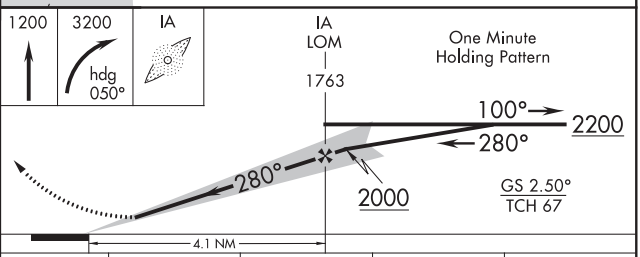
ATIS	BUFFALO APP CON	NIAGARA TOWER★	GND CON	CLNC DEL	UNICOM
120.8 269.4	126.5 317.6	118.5 (CTAF) L 349.0	125.3 275.8	119.25 251.1	122.95





TDZ/CL Rwy 28R
REIL Rwys 6,10R, 24, and 28L L
HIRL Rwy 10L-28R L
MIRL Rwys 6-24 and 10R-28L L

FAF to MAP 4.1 NM					
Knots	60	90	120	150	180
Min:Sec	4:06	2:44	2:03	1:38	1:22



CATEGORY	A	B	C	D
S-ILS 28R	838/40 250 (300-¾)			
S-LOC 28R	920/40 332 (400-¾)			
C CIRCLING	1100-1 508 (600-1)		1280-2 688 (700-2)	1280-2¼ 688 (700-2¼)

NE-2, 10 SEP 2020 to 05 NOV 2020

LOC I-IAG	APP CRS	Rwy ldg	9129
110.1	280°	TDZE	588
		Apt Elev	592

ILS Z or LOC Z RWY 28R

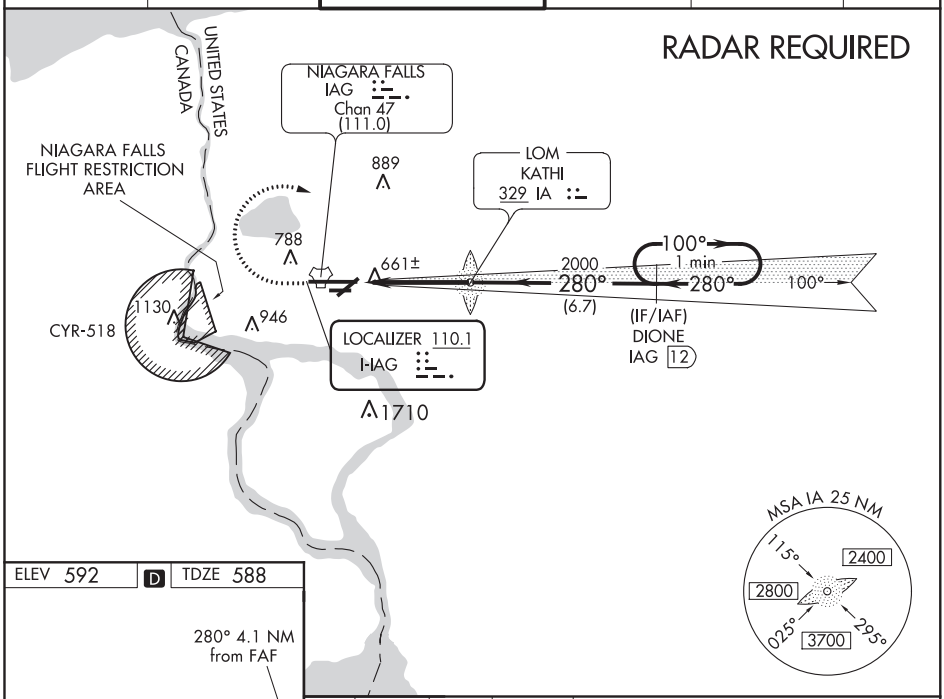
NIAGARA FALLS INTL (IAG)

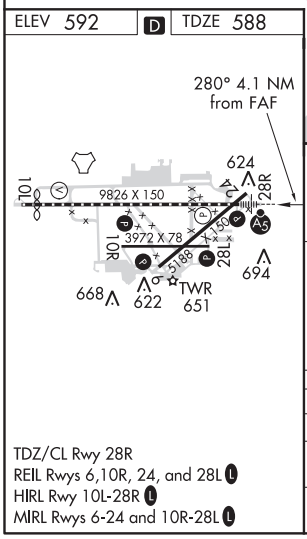
When local altimeter setting not received, use Buffalo Niagara Intl altimeter setting and increase all DA 51 feet and all MDA 60 feet; increase Circling Cat C and D visibility ¼ SM. For inop MALSR, increase S-ILS 28R all Cats visibility to RVR 4500 and S-LOC 28R all Cats visibility to RVR 5000. For inop MALSR when using Buffalo Niagara Intl altimeter setting, increase S-ILS 28R all Cats visibility to RVR 4500, S-LOC 28R Cats A/B visibility to RVR 5000, and S-LOC 28R Cats C/D visibility to RVR 6000. DME required. Rwy 28R helicopter visibility reduction below ¾ SM NA. Rwy 6, 10R, 24, 28L, helicopter visibility reduction below 1 SM NA. Circling Rwy 6, 10R, 24, 28L NA at night.

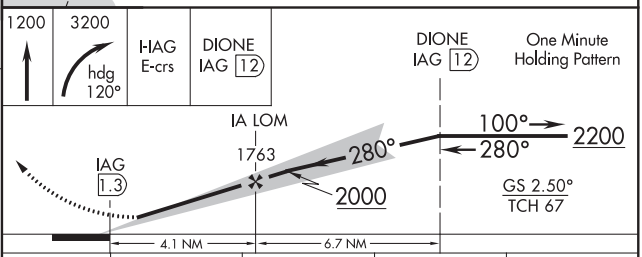
MALSR

MISSED APPROACH: Climb to 1200 then climbing right turn to 3200 on heading 120° and I-IAG E course to DIONE/IAG 12 DME and hold.

ATIS	BUFFALO APP CON	NIAGARA TOWER★	GND CON	CLNC DEL	UNICOM
120.8 269.4	126.5 317.6	118.5 (CTAF) L 349.0	125.3 275.8	119.25 251.1	122.95







CATEGORY	A	B	C	D
S-ILS 28R	838/40 250 (300-¾)			
S-LOC 28R	920/40 332 (400-¾)			
C CIRCLING	1100-1 508 (600-1)		1280-2 688 (700-2)	1280-2¼ 688 (700-2¼)

TDZ/CL Rwy 28R
REIL Rwys 6,10R, 24, and 28L L
HIRL Rwy 10L-28R L
MIRL Rwys 6-24 and 10R-28L L

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

NIAGARA FALLS, NEW YORK | AL-614 (FAA) | 20170

RNAV (GPS) RWY 6
NIAGARA FALLS INTL (IAG)

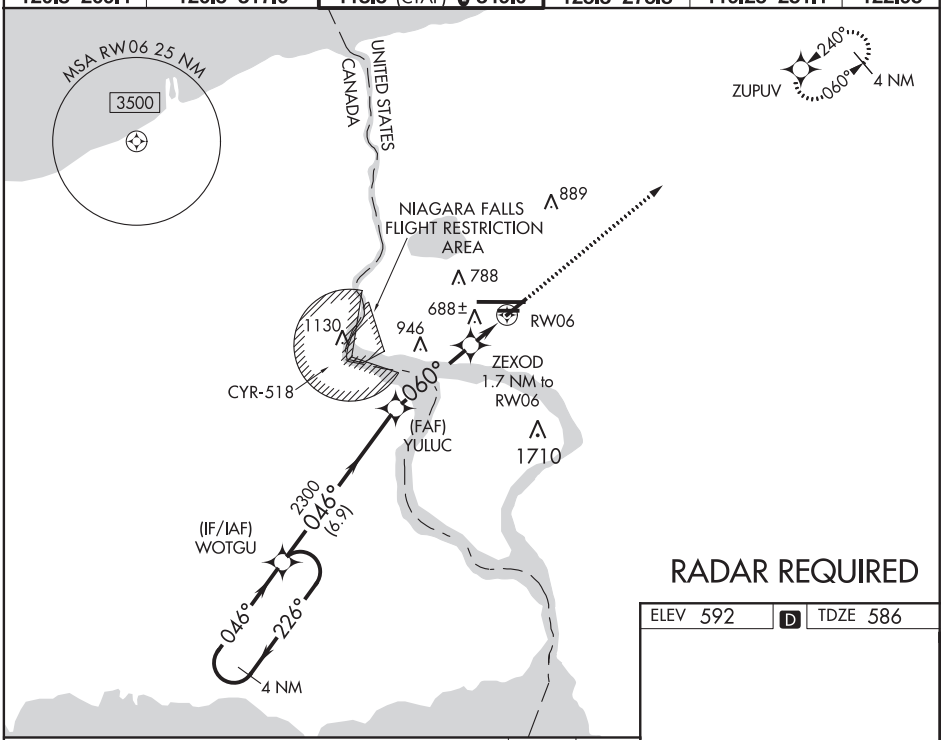
WAAS CH 90132 W06A	APP CRS 060°	Rwy ldg 5188 TDZE 586 Apt Elev 592

RNP APCH.

Baro-VNAV NA when using Buffalo Niagara Intl altimeter setting. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -18°C (0°F) or above 54°C (130°F). When local altimeter setting not received, use Buffalo Niagara Intl altimeter setting and increase all DA 51 feet and all MDA 60 feet, increase LNAV Cat C and D visibility ⅛ SM and Circling Cat C and D ¼ SM. Rwy 6, 10R, 24, 28L helicopter visibility reduction below 1 SM NA. Straight-in Rwy 6 NA at night, Circling Rwy 6, 10R, 24, 28L NA at night.

MISSED APPROACH: Climb to 3600 direct ZUPUV and hold.

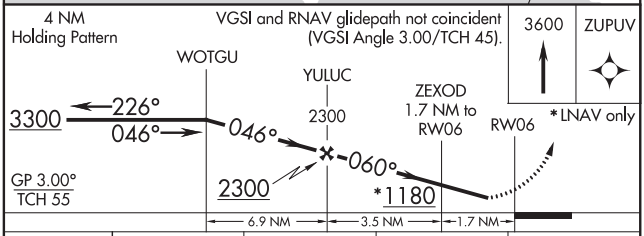
ATIS	BUFFALO APP CON	NIAGARA TOWER*	GND CON	CLNC DEL	UNICOM
120.8 269.4	126.5 317.6	118.5 (CTAF) L 349.0	125.3 275.8	119.25 251.1	122.95



RADAR REQUIRED

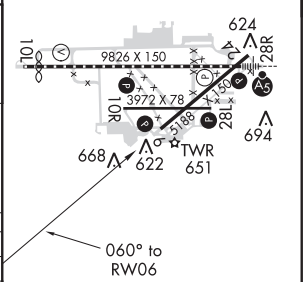
4 NM Holding Pattern

VGSI and RNAV glidepath not coincident (VGSI Angle 3.00/TCH 45).



CATEGORY	A	B	C	D
LPV DA	864-1		278 (300-1)	
LNAV/VNAV DA	849-1		263 (300-1)	
LNAV MDA	940-1		354 (400-1)	
C CIRCLING	1100-1 508 (600-1)		1280-2 688 (700-2)	1280-2¼ 688 (700-2¼)

ELEV 592 | D | TDZE 586



TDZ/CL Rwy 28R
REIL Rwys 6,10R, 24, and 28L L
HIRL Rwy 10L-28R L
MIRL Rwys 6-24 and 10R-28L L

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

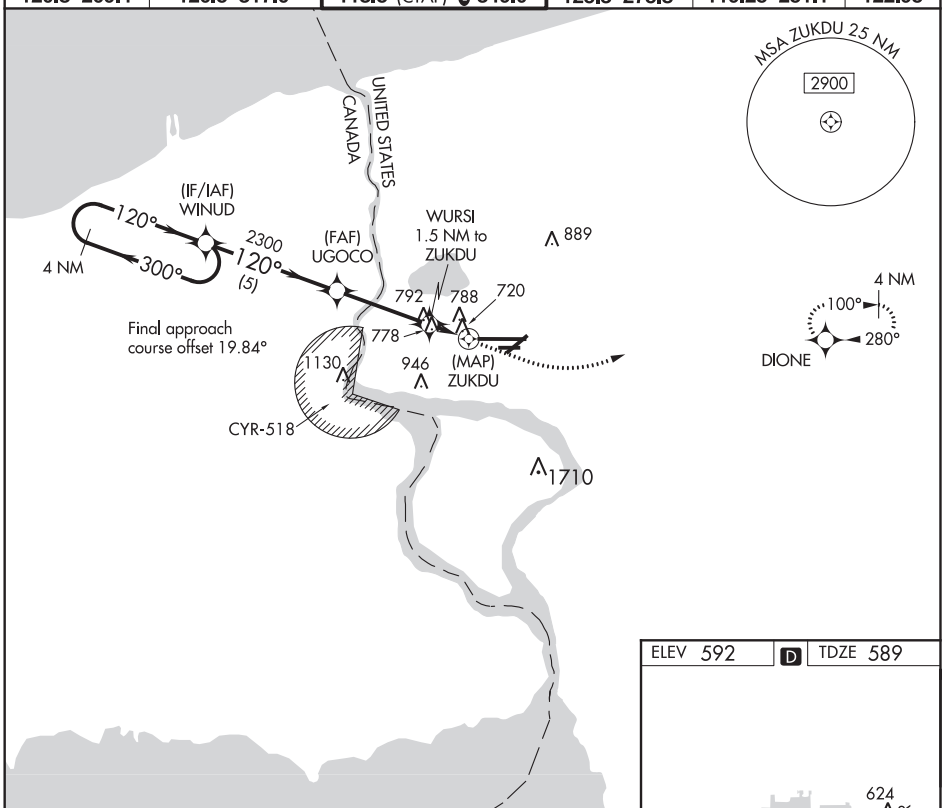
WAAS CH 66034 W10A	APP CRS 120°	Rwy ldg 9126 TDZE 589 Apt Elev 592

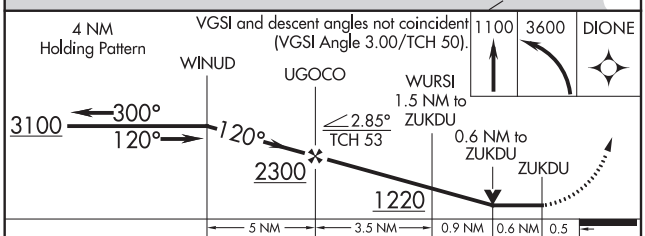
RNAV (GPS) RWY 10L
NIAGARA FALLS INTL (IAG)

DME/DME RNP-0.3 NA. VDP NA with Buffalo Niagara Intl altimeter setting. When local altimeter setting not received, use Buffalo Niagara Intl altimeter setting and increase all MDA 60 feet.
Increase LP Cats C/D and Circling Cats C/D visibility ¼ mile. Rwy 10L helicopter visibility reduction below ¾ SM NA. Rwy 6, 10R, 24, 28L helicopter visibility reduction below 1 SM NA. Circling Rwy 6, 10R, 24, 28L NA at night.

MISSED APPROACH: Climb to 1100 then climbing left turn to 3600 direct DIONE and hold.

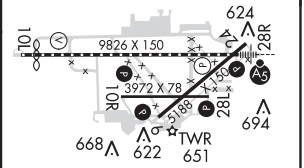
ATIS	BUFFALO APP CON	NIAGARA TOWER ★	GND CON	CLNC DEL	UNICOM
120.8 269.4	126.5 317.6	118.5 (CTAF) L 349.0	125.3 275.8	119.25 251.1	122.95





CATEGORY	A	B	C	D
LP MDA	980-1	391 (400-1)	980-1⅛	391 (400-1⅛)
LNAV MDA	1040-1	451 (500-1)	1040-1⅜	451 (500-1⅜)
C CIRCLING	1100-1	508 (600-1)	1280-2 688 (700-2)	1280-2¼ 688 (700-2¼)

ELEV 592 D TDZE 589



TDZ/CL Rwy 28R
REIL Rwys 6,10R, 24, and 28L L
HIRL Rwy 10L-28R L
MIRL Rwys 6-24 and 10R-28L L

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

RNAV (GPS) RWY 28R

NIAGARA FALLS INTL (IAG)

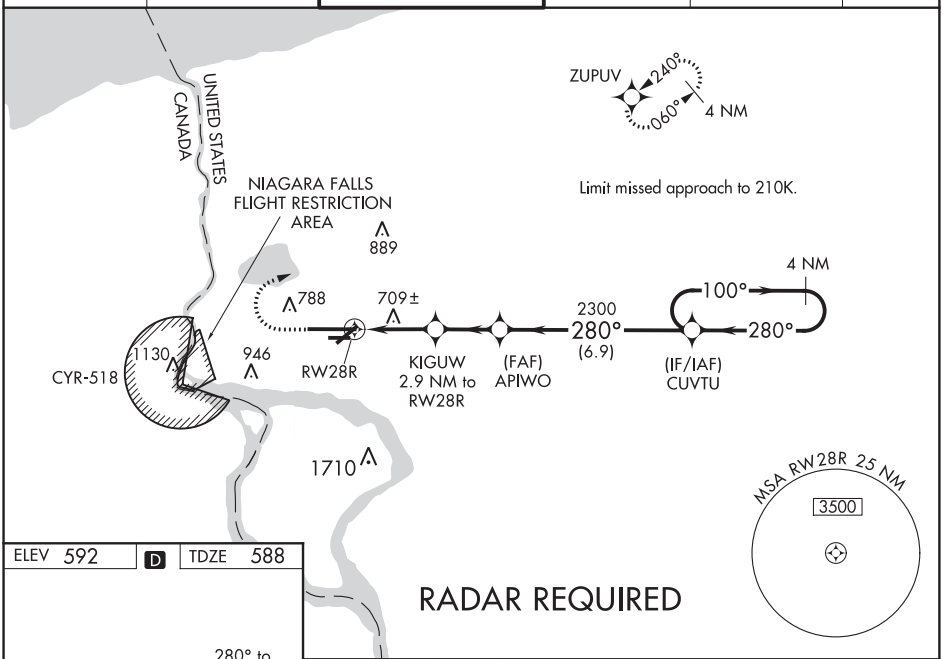
WAAS CH 99432 W28B	APP CRS 280°	Rwy ldg 9129 TDZE 588 Apt Elev 592

For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -18°C (0°F) or above 54°C (130°F). DME/DME RNP-0.3 NA. When local altimeter setting not received, use Buffalo Niagara Intl altimeter setting and increase all DA 51 feet and all MDA 60 feet; increase LNAV/VNAV all Cats visibility ⅛ SM and Circling Cat C and D ¼ SM. Baro-VNAV and VDP NA with Buffalo Niagara Intl altimeter setting. For inop MALSR increase LNAV/VNAV visibility all Cats to RVR 6000 and LNAV all Cats visibility to RVR 5500. For inop MALSR when using Buffalo Niagara Intl altimeter setting, increase LPV all Cats and LNAV Cats C/D visibility to RVR 5500 and LNAV/VNAV all Cats visibility to RVR 6000. Rwy 28R helicopter visibility reduction below ¾ SM NA. Rwy 6, 10R, 24, 28L, helicopter visibility reduction below 1 SM NA. Circling Rwy 6, 10R, 24, 28L, NA at night.

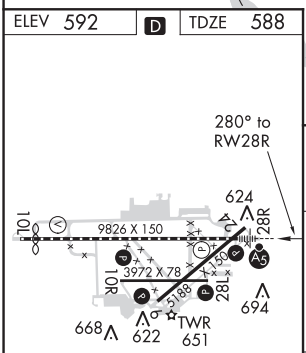
MALSR

MISSED APPROACH: Climb to 1040 then climbing right turn to 3600 direct ZUPUV and hold, continue climb-in-hold to 3600.

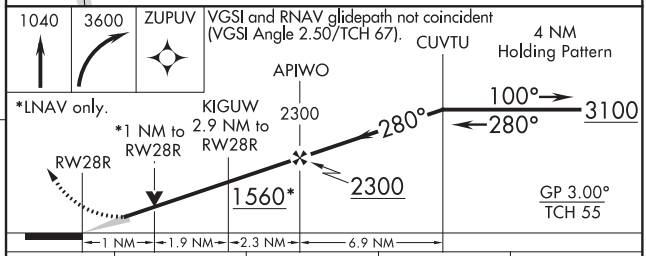
ATIS	BUFFALO APP CON	NIAGARA TOWER*	GND CON	CLNC DEL	UNICOM
120.8 269.4	126.5 317.6	118.5 (CTAF) L 349.0	125.3 275.8	119.25 251.1	122.95



ELEV 592 D TDZE 588



TDZ/CL Rwy 28R
REIL Rwys 6,10R, 24, and 28L L
HIRL Rwy 10L-28R L
MIRL Rwys 6-24 and 10R-28L L



CATEGORY	A	B	C	D
LPV DA	838/40 250 (300-¾)			
LNAV/VNAV DA	957/40 369 (400-¾)			
LNAV MDA	960/40 372 (400-¾)			
C CIRCLING	1100-1 508 (600-1)		1280-2 688 (700-2)	1280-2¼ 688 (700-2¼)

NE-2, 10 SEP 2020 to 05 NOV 2020

WAAS CH 97333 W24B	APP CRS 240°	Rwy ldg 5108 TDZE 592 Apt Elev 592

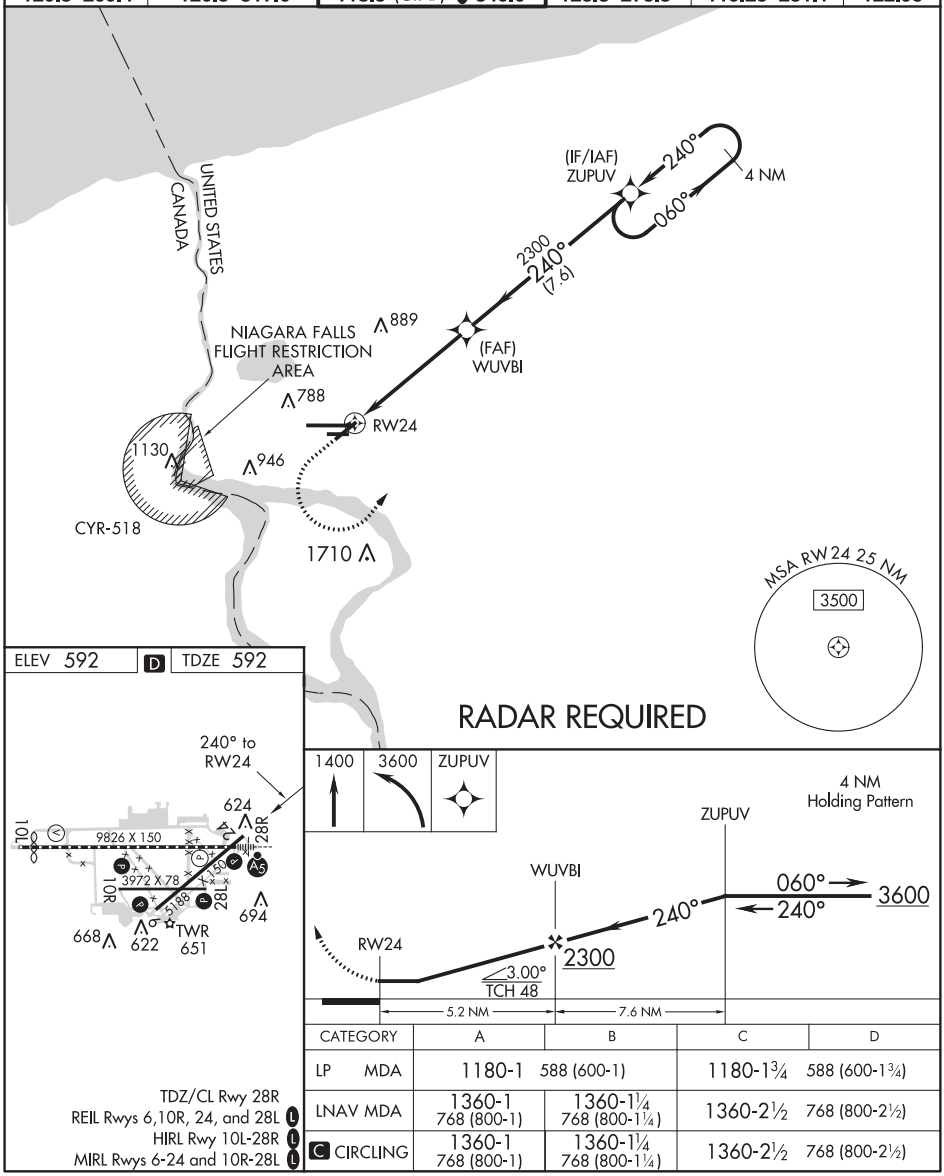
RNAV (GPS) Y RWY 24

NIAGARA FALLS INTL (IAG)

T A DME/DME RNP-0.3 NA. When local altimeter setting not received, use Buffalo Niagara Intl altimeter setting and increase all MDA 60 feet and increase LP Cats C and D visibility ⅛ mile and Circling Cats A and D visibility ¼ mile. Rwy 6, 10R, 24, 28L helicopter visibility reduction below 1 SM NA. Straight-in Rwy 24 NA at night, Circling Rwy 6, 10R, 24, 28L NA at night.

MISSED APPROACH: Climb to 1400 then climbing left turn to 3600 direct ZUPUV and hold.

ATIS	BUFFALO APP CON	NIAGARA TOWER ★	GND CON	CLNC DEL	UNICOM
120.8 269.4	126.5 317.6	118.5 (CTAF) L 349.0	125.3 275.8	119.25 251.1	122.95



CATEGORY	A	B	C	D
LP MDA	1180-1	588 (600-1)	1180-1¾	588 (600-1¾)
LNAV MDA	1360-1 768 (800-1)	1360-1¼ 768 (800-1¼)	1360-2½	768 (800-2½)
C CIRCLING	1360-1 768 (800-1)	1360-1¼ 768 (800-1¼)	1360-2½	768 (800-2½)

TDZ/CL Rwy 28R
REIL Rwys 6,10R, 24, and 28L L
HIRL Rwy 10L-28R L
MIRL Rwys 6-24 and 10R-28L L

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

NIAGARA FALLS, NEW YORK | AL-614 (FAA) | 20170

RNAV (GPS) Z RWY 24

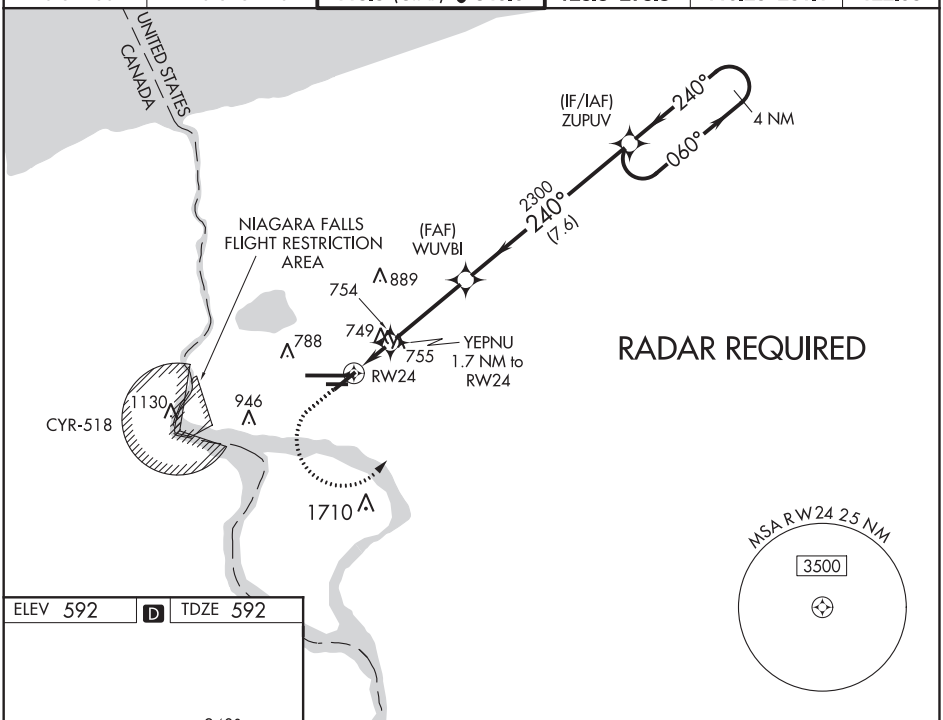
NIAGARA FALLS INTL (IAG)

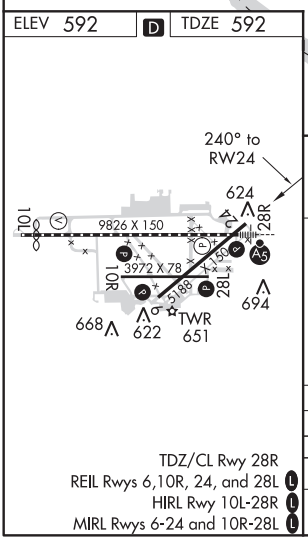
WAAS CH 45532 W24A	APP CRS 240°	Rwy ldg 5108 TDZE 592 Apt Elev 592

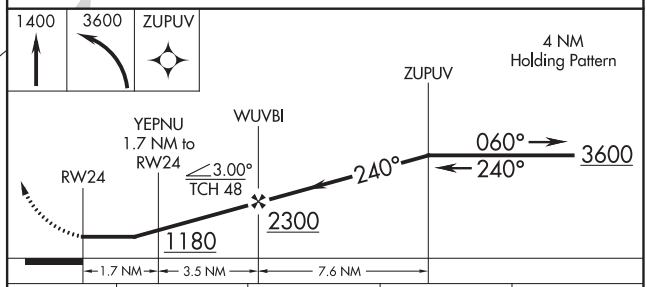
DME/DME RNP-0.3 NA. When local altimeter setting not received, use Buffalo Niagara Intl altimeter setting and increase all MDA 60 feet; increase LP Cats C and D visibility ¼ SM, LNAV Cats C and D visibility ⅛ SM, and Circling Cat C and D visibility ¼ SM. Rwy 6, 10R, 24, 28L helicopter visibility reduction below 1 SM NA. Straight-in Rwy 24 NA at night, Circling Rwy 6, 10R, 24, 28L NA at night. *Missed approach requires a minimum climb of 265 feet per NM to 2120; if unable to meet climb gradient, see RNAV (GPS) Y RWY 24.

MISSED APPROACH: Climb to 1400 then climbing left turn to 3600 direct ZUPUV and hold.

ATIS	BUFFALO APP CON	NIAGARA TOWER*	GND CON	CLNC DEL	UNICOM
120.8 269.4	126.5 317.6	118.5 (CTAF) L 349.0	125.3 275.8	119.25 251.1	122.95







CATEGORY	A	B	C	D
LP MDA*	1000-1	408 (500-1)	1000-1⅛	408 (500-1⅛)
LNAV MDA*	1020-1	428 (500-1)	1020-1¼	428 (500-1¼)
C CIRCLING	1100-1	508 (600-1)	1280-2 688 (700-2)	1280-2¼ 688 (700-2¼)

TDZ/CL Rwy 28R
REIL Rwys 6,10R, 24, and 28L L
HIRL Rwy 10L-28R L
MIRL Rwys 6-24 and 10R-28L L

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

TACAN RWY 28R
NIAGARA FALLS INTL (IAG)

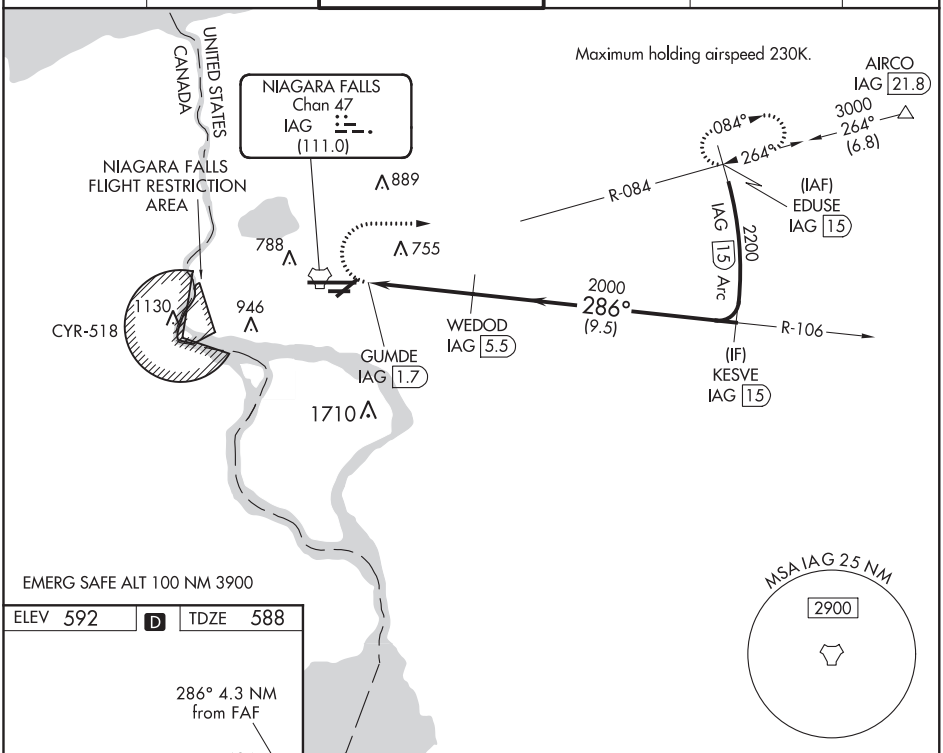
TACAN IAG Chan 47 (111.0)	APP CRS 286°	Rwy ldg 9129 TDZE 588 Apt Elev 592

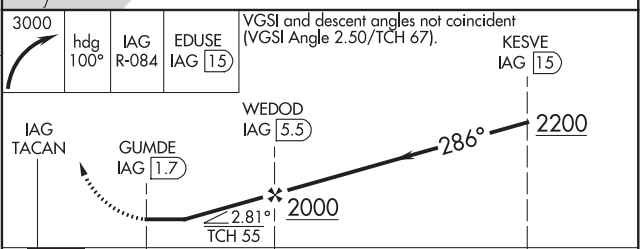
When local altimeter setting not received, use Buffalo Niagara Intl altimeter setting and increase all MDA 60 feet; increase S-28R visibility for Cat C/D/E to RVR 4500 and Circling Cat D/E visibility ¼ mile. Circling NA for Cat E south of Rwy 10L-28R. For inop MALSR, increase S-28R Cat A/B visibility to RVR 5000 and Cat C/D/E to RVR 6000. Rwy 28R helicopter visibility reduction below ¾ SM NA. Rwy 6, 10R, 24, 28L helicopter visibility reduction below 1 SM NA. Circling Rwy 6, 10R, 24, 28L NA at night.

MALSR

MISSED APPROACH: Climbing right turn to 3000 on heading 100° and IAG R-084 to EDUSE/IAG 15 DME and hold.

ATIS	BUFFALO APP CON	NIAGARA TOWER★	GND CON	CLNC DEL	UNICOM
120.8 269.4	126.5 317.6	118.5 (CTAF) L 349.0	125.3 275.8	119.25 251.1	122.95





CATEGORY	A	B	C	D	E
S-28R	1000/40 412 (500-¾)				
CIRCLING	1100-1 508 (600-1)		1100-1½ 508 (600-1½)	1360-2½ 768 (800-2½)	1360-2¾ 768 (800-2¾)

TDZ/CL Rwy 28R
REIL Rwys 6,10R, 24, and 28L L
HIRL Rwy 10L-28R L
MIRL Rwys 6-24 and 10R-28L L

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

NDB RWY 28R
NIAGARA FALLS INTL (IAG)

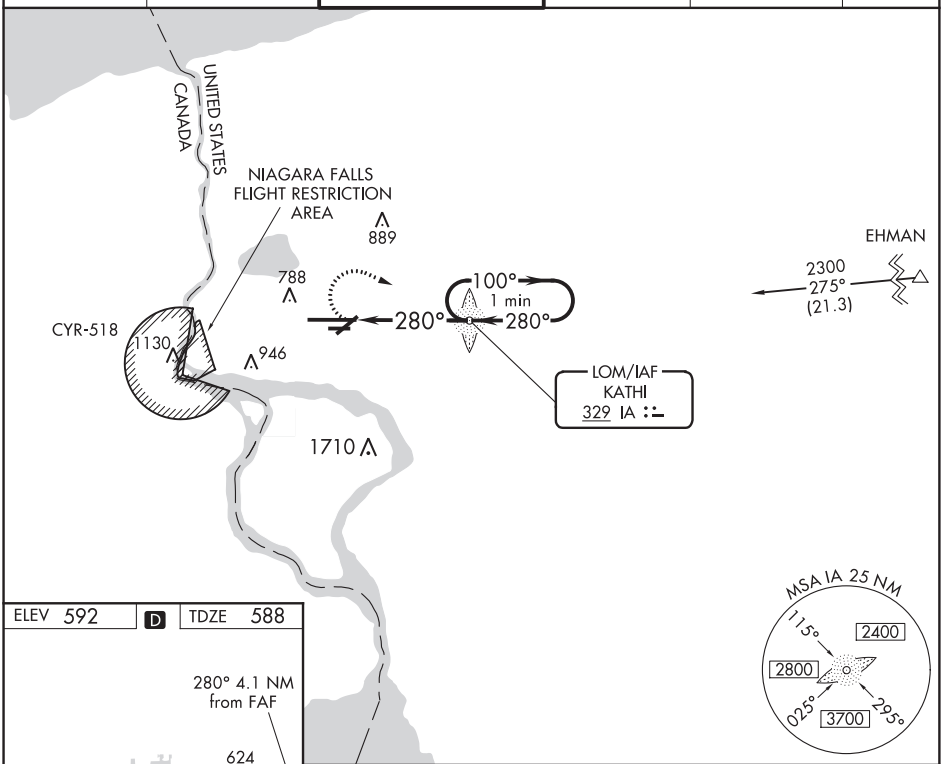
LOM IA	APP CRS	Rwy ldg	9129
329	280°	TDZE	588
		Apt Elev	592

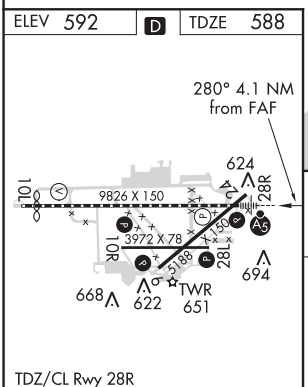
When local altimeter setting not received, use Buffalo Niagara Intl altimeter setting and increase all MDA 60 feet, increase S-28R Cat C and D visibility ⅛ SM and Circling Cat C and D ¼ SM. For inop MALSR, increase S-28R Cats A/B visibility to RVR 5500 and Cats C/D visibility to 1¾. For inop MALSR when using Buffalo Niagara Intl altimeter setting, increase S-28R Cats C/D visibility to 1⅞. Rwy 28R helicopter visibility reduction below ¾ SM NA. Rwy 6, 10R, 24, 28L helicopter visibility reduction below 1 SM NA. Circling Rwy 6, 10R, 24, 28L NA at night.

MALSR

MISSED APPROACH: Climbing right turn to 3200 direct KATHI LOM and hold, continue climb-in-hold to 3200.

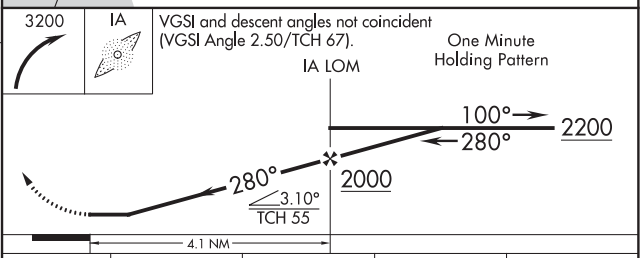
ATIS	BUFFALO APP CON	NIAGARA TOWER★	GND CON	CLNC DEL	UNICOM
120.8 269.4	126.5 317.6	118.5 (CTAF) L 349.0	125.3 275.8	119.25 251.1	122.95





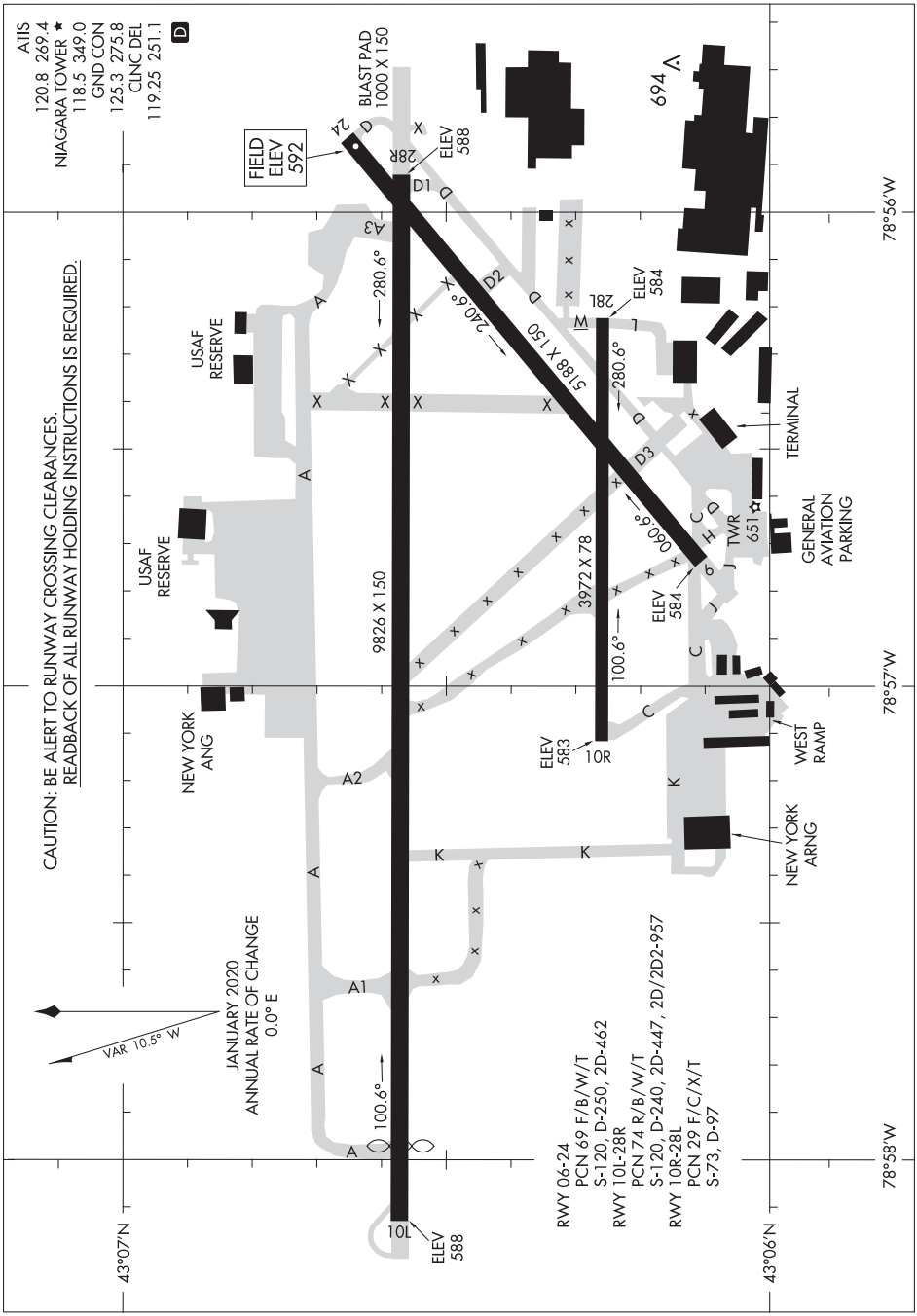
TDZ/CL Rwy 28R
REIL Rwys 6,10R, 24, and 28L L
HIRL Rwy 10L-28R L
MIRL Rwys 6-24 and 10R-28L L

FAF to MAP 4.1 NM					
Knots	60	90	120	150	180
Min:Sec	4:06	2:44	2:03	1:38	1:22



CATEGORY	A	B	C	D
S-28R	1200/40 612 (700-¾)		1200-1⅜ 612 (700-1⅜)	
C CIRCLING	1200-1 608 (700-1)		1280-2 688 (700-2)	1280-2¼ 688 (700-2¼)

NE-2, 10 SEP 2020 to 05 NOV 2020
NE-2, 10 SEP 2020 to 05 NOV 2020



NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

NORWICH, NEW YORK | AL-6148 (FAA) | 20198

WAAS CH 56536 W01A	APP CRS 014°	Rwy ldg 4119 TDZE 1023 Apt Elev 1024

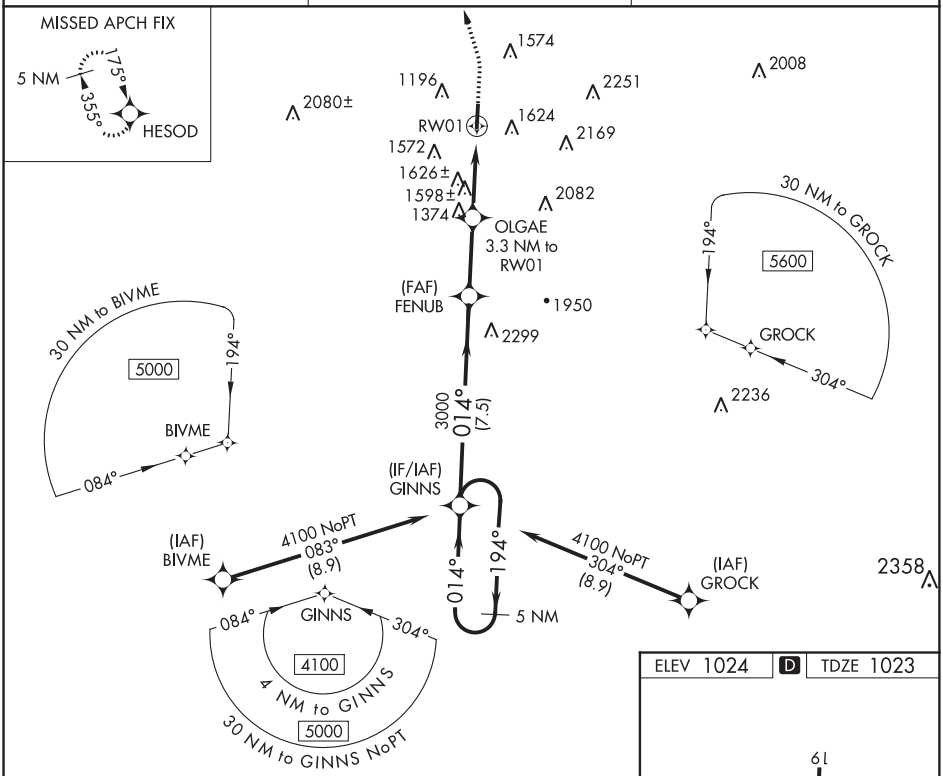
RNAV (GPS) RWY 1

LT WARREN EATON (OIC)

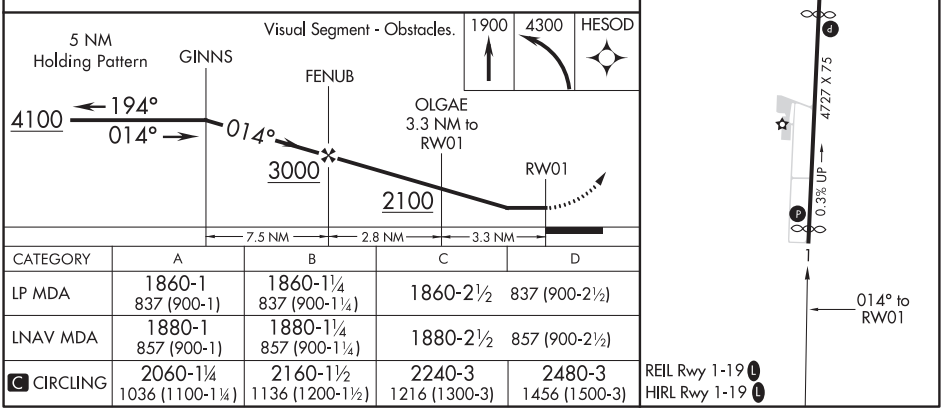
When local altimeter setting not received, procedure NA.
DME/DME RNP-0.3 NA. Procedure NA at night.
Helicopter visibility reduction below 1 SM NA.

MISSED APPROACH: Climb to 1900 then climbing left turn to 4300 direct HESOD and hold.

AWOS-3	BOSTON CENTER	UNICOM
119.025	133.25 279.5	122.8 (CTAF) L



ELEV 1024 | D | TDZE 1023



CATEGORY	A	B	C	D
LP MDA	1860-1 837 (900-1)	1860-1¼ 837 (900-1¼)	1860-2½ 837 (900-2½)	
LNAV MDA	1880-1 857 (900-1)	1880-1¼ 857 (900-1¼)	1880-2½ 857 (900-2½)	
C CIRCLING	2060-1¼ 1036 (1100-1¼)	2160-1½ 1136 (1200-1½)	2240-3 1216 (1300-3)	2480-3 1456 (1500-3)

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

WAAS CH 49136 W19A	APP CRS 175°	Rwy ldg 4119 TDZE 1024 Apt Elev 1024

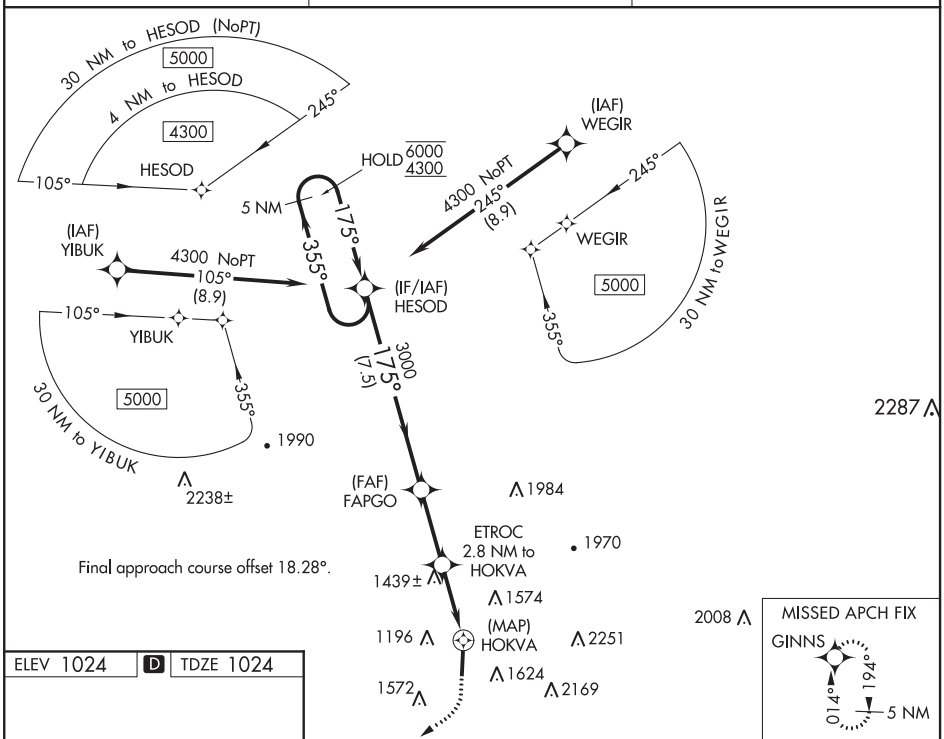
RNAV (GPS) RWY 19
LT WARREN EATON (OIC)

RNP APCH.

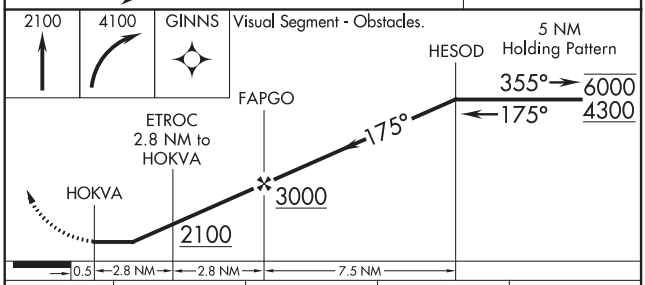
T A NA When local altimeter setting not received, procedure NA. Straight-in Rwy 19 NA at night, Circling Rwy 19 NA at night. Rwy 19 helicopter visibility reduction 1 SM NA.

MISSED APPROACH: Climb to 2100 then climbing right turn to 4100 direct GINNS and hold.

AWOS-3	BOSTON CENTER	UNICOM
119.025	133.25 279.5	122.8 (CTAF) L



ELEV 1024 D TDZE 1024



CATEGORY	A	B	C	D
LP MDA	1700-1 676 (700-1)		1700-1⅞ 676 (700-1⅞)	
LNAV MDA	2040-1¼ 1016 (1100-1¼)	2040-1½ 1016 (1100-1½)	2040-3 1016 (1100-3)	
C CIRCLING	2060-1¼ 1036 (1100-1¼)	2160-1½ 1136 (1200-1½)	2240-3 1216 (1300-3)	2520-3 1496 (1500-3)

HIRL Rwy 1-19 L
REIL Rwy 19 L

NE-2, 10 SEP 2020 to 05 NOV 2020
NE-2, 10 SEP 2020 to 05 NOV 2020

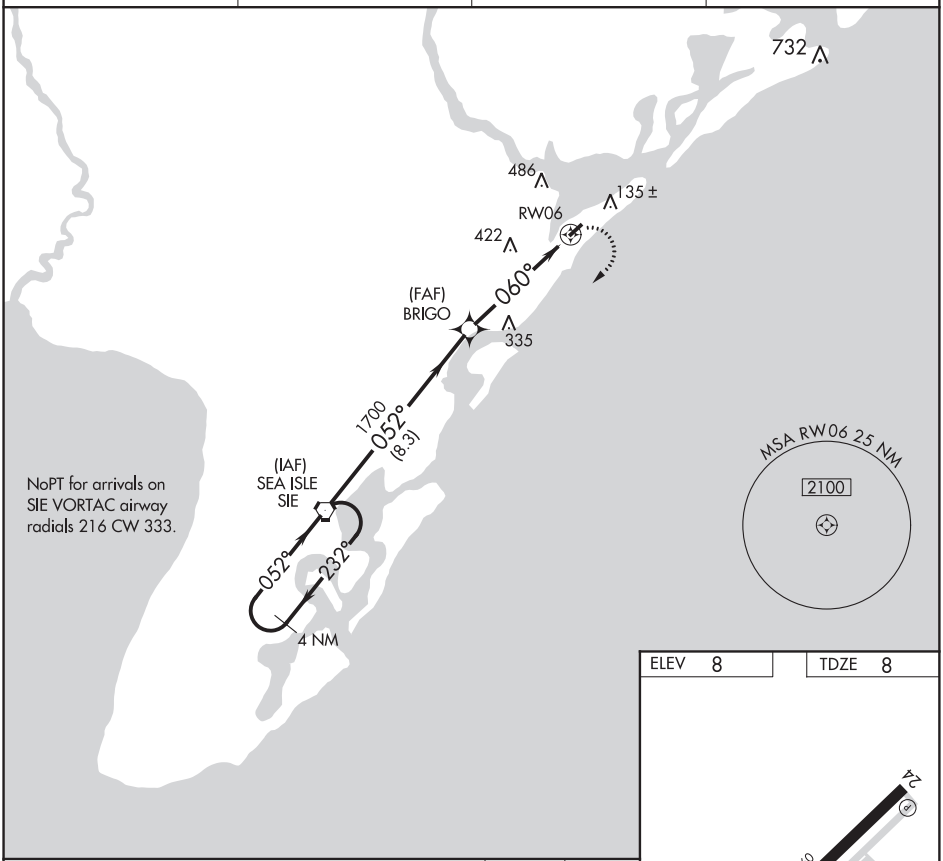
APP CRS	Rwy ldg	2972
060°	TDZE	8
	Apt Elev	8

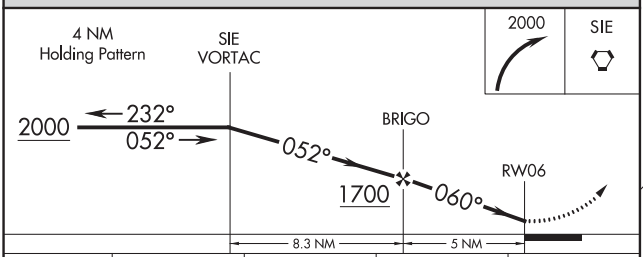
GPS RWY 6
OCEAN CITY MUNI (26N)

NA When local altimeter setting not received, use Atlantic City altimeter setting.

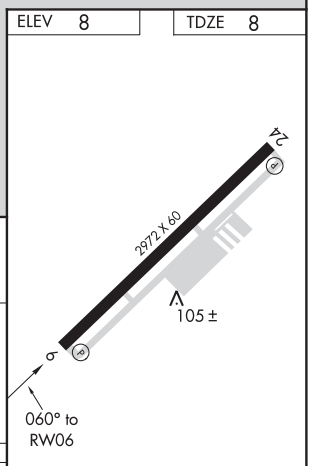
MISSED APPROACH: Climbing right turn to 2000 direct SIE VORTAC and hold.

AWOS-AV	ATLANTIC CITY APP CON	CLNC DEL	UNICOM
119.775	124.6 327.125	133.6	122.7 (CTAF) L





CATEGORY	A	B	C	D
S-6	680-1 672 (700-1)		NA	
CIRCLING	680-1 672 (700-1)		NA	



NE-2, 10 SEP 2020 to 05 NOV 2020

WAAS CH 69528 W09A	APP CRS 089°	Rwy ldg 6006 TDZE 292 Apt Elev 302

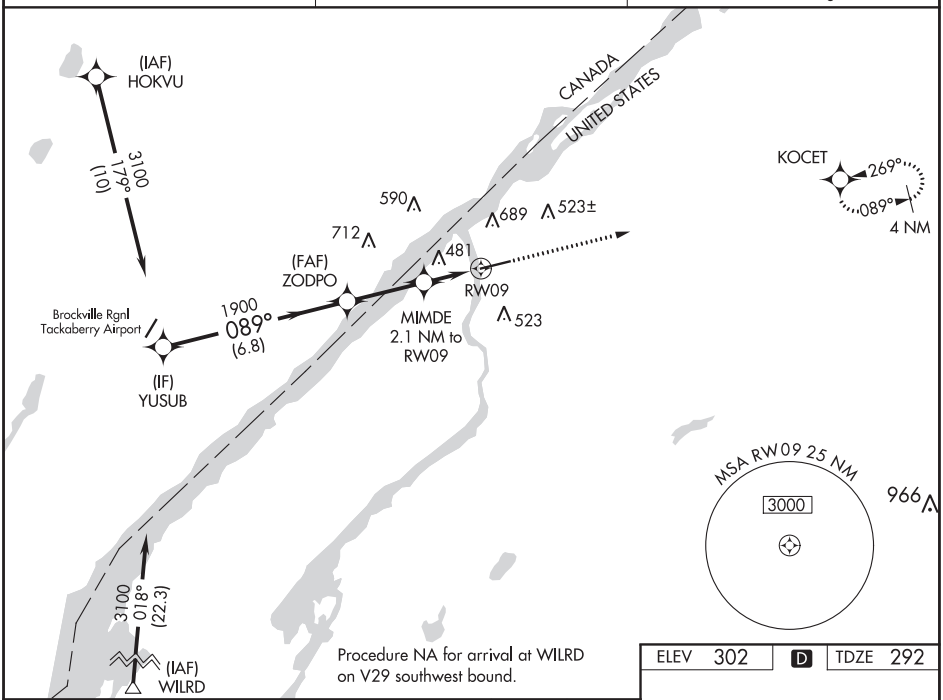
RNAV (GPS) RWY 9
OGDENSBURG INTL (OGS)

RNP APCH.

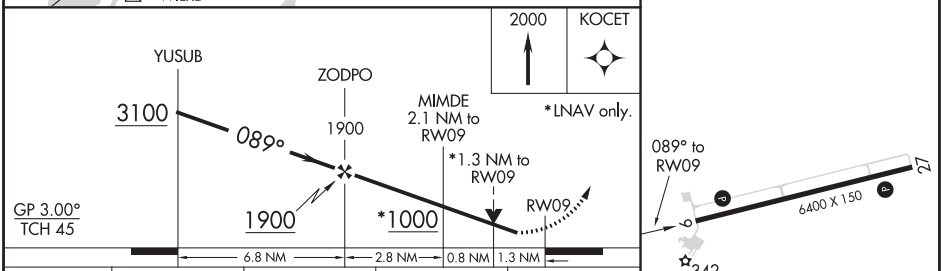
Rwy 9 helicopter visibility reduction below ¾ SM NA. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -15°C or above 54°C.

MISSED APPROACH: Climb to 2000 direct KOCET and hold.

AWOS-3	BOSTON CENTER	UNICOM
118.525	135.25 377.1	122.8 (CTAF) L



ELEV 302	D	TDZE 292



CATEGORY	A	B	C	D
LPV DA	543-¾ 251 (300-¾)			
LNAV/VNAV DA	781-1⅜ 489 (500-1⅜)			
LNAV MDA	740-1 448 (500-1)		740-1⅜ 448 (500-1⅜)	
C CIRCLING	760-1 458 (500-1)	1000-1 698 (700-1)	1000-2 698 (700-2)	1000-2¼ 698 (700-2¼)

REIL Rwy 27
HIRL Rwy 9-27 L

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

OGDENSBURG, NEW YORK | AL-5207 (FAA) | 19059

WAAS CH 40041 W27A	APP CRS 269°	Rwy ldg 6035 TDZE 302 Apt Elev 302

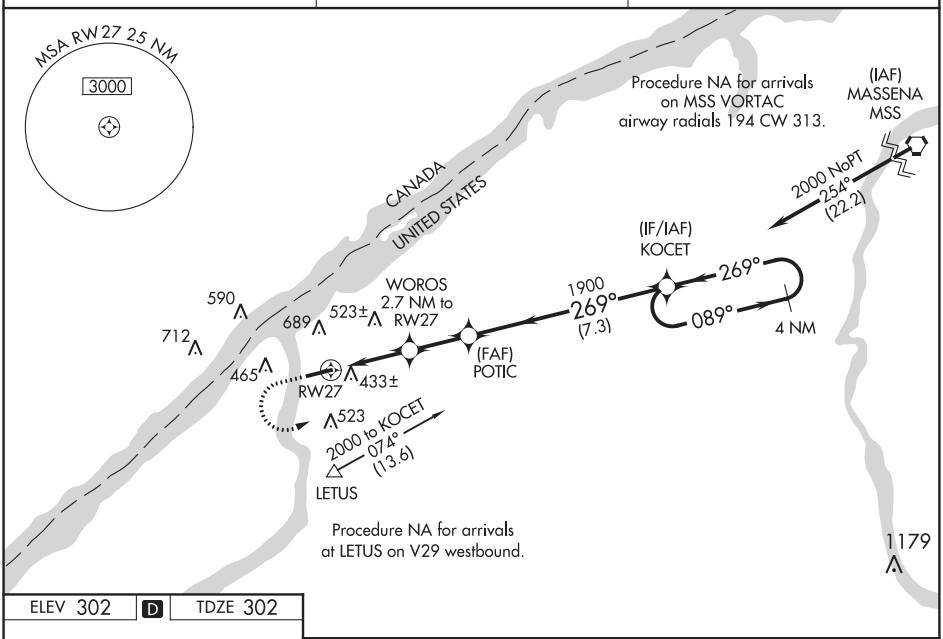
RNAV (GPS) RWY 27
OGDENSBURG INTL (OGS)

NA

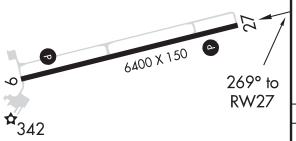
Baro-VNAV and VDP NA when using Massena altimeter setting. DME/DME RNP-0.3 NA. When local altimeter setting not received, use Massena altimeter setting and increase LPV DA to 636, LNAV/VNAV DA to 842 and all visibilities ⅜ SM; increase all MDA 100 feet and LNAV and Circling Cat C and D visibilities ¼ SM. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -15°C (5°F) or above 54°C (130°F).

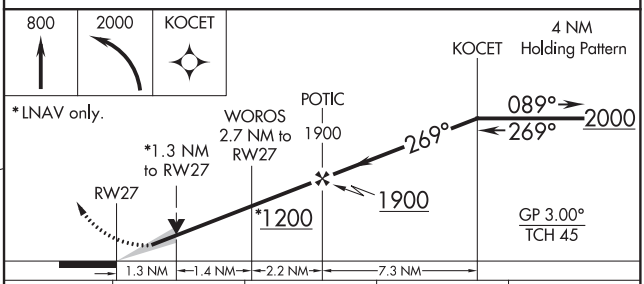
MISSED APPROACH: Climb to 800 then climbing left turn to 2000 direct KOCET and hold.

AWOS-3	BOSTON CENTER	UNICOM
118.525	135.25 377.1	122.8 (CTAF) L



ELEV 302 | D | TDZE 302





CATEGORY	A	B	C	D
LPV DA	552-¾ 250 (300-¾)			
LNAV/VNAV DA	758-1½ 456 (500-1½)			
LNAV MDA	760-1 458 (500-1)		760-1⅜ 458 (500-1⅜)	
C CIRCLING	760-1 458 (500-1)	1000-1 698 (700-1)	1000-2 698 (700-2)	1000-2¼ 698 (700-2¼)

REIL Rwy 27
HIRL Rwy 9-27 L

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

LOC/DME I-OGS 110.7 Chan 44	APP CRS 269°	Rwy ldg 6035 TDZE 302 Apt Elev 302

LOC RWY 27
OGDENSBURG INTL (OGS)

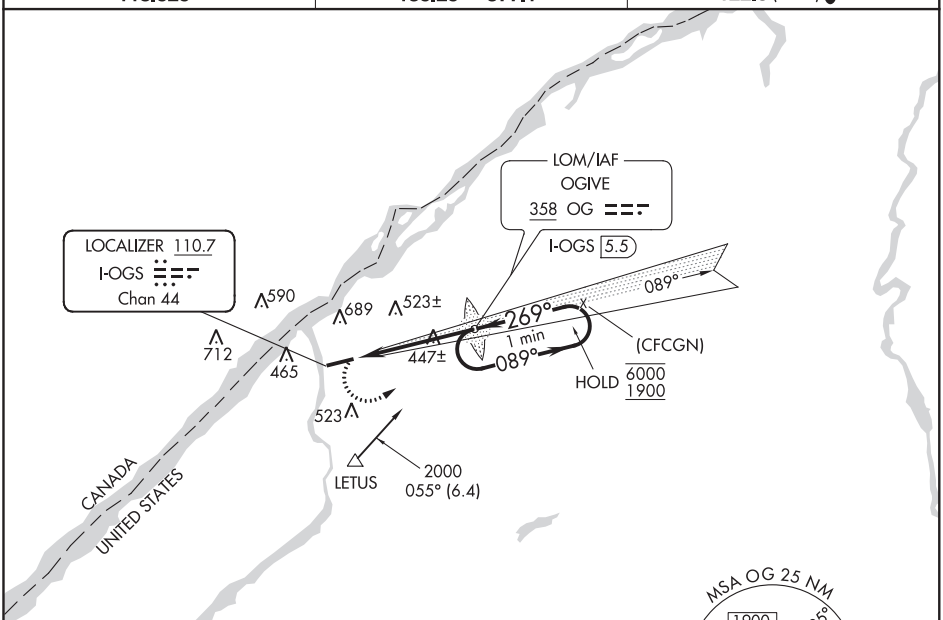
ADF required.

VDP NA when using Massena altimeter setting. When local altimeter setting not received, use Massena altimeter setting and increase all MDA 100 feet and S-LOC 27 and Circling visibility Cat C/D ¼ SM.

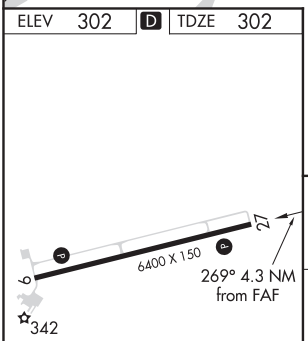
NA

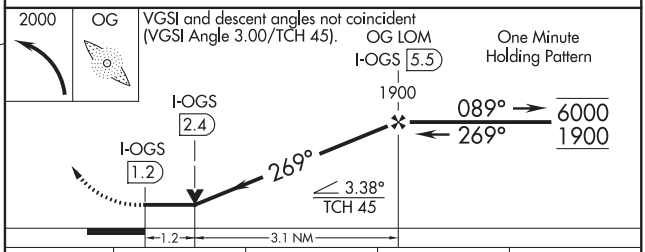
MISSED APPROACH: Climbing left turn to 2000 direct OGIVE LOM and hold.

AWOS-3	BOSTON CENTER	UNICOM
118.525	135.25 377.1	122.8 (CTAF) L



ELEV 302 D TDZE 302





REIL Rwy 27
HIRL Rwy 9-27 L

FAF to MAP 4.3 NM					
Knots	60	90	120	150	180
Min:Sec	4:18	2:52	2:09	1:43	1:26

CATEGORY	A	B	C	D
S-27	740-1 438 (500-1)		740-1¼ 438 (500-1¼)	
C CIRCLING	760-1 458 (500-1)	1000-1 698 (700-1)	1000-2 698 (700-2)	1000-2¼ 698 (700-2¼)

NE-2, 10 SEP 2020 to 05 NOV 2020
NE-2, 10 SEP 2020 to 05 NOV 2020

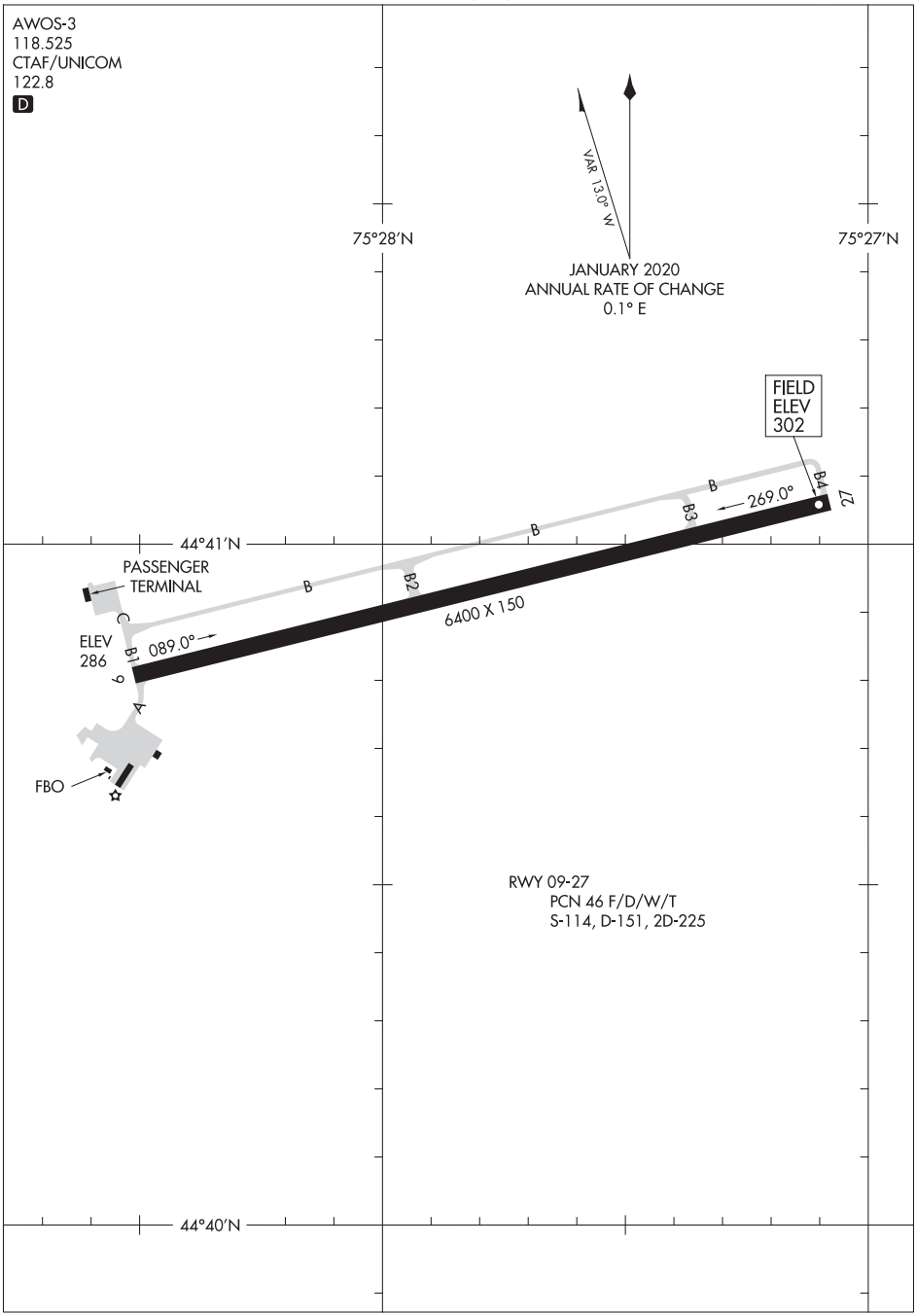
20086

AIRPORT DIAGRAM

AL-5207 (FAA)

OGDENSBURG INTL (OGS)

OGDENSBURG, NEW YORK



NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

AIRPORT DIAGRAM
20086
OGDENSBURG, NEW YORK
OGDENSBURG INTL (OGS)

APP CRS	Rwy ldg	2994
057°	TDZE	87
	Apt Elev	87

RNAV (GPS) RWY 6
OLD BRIDGE (3N6)

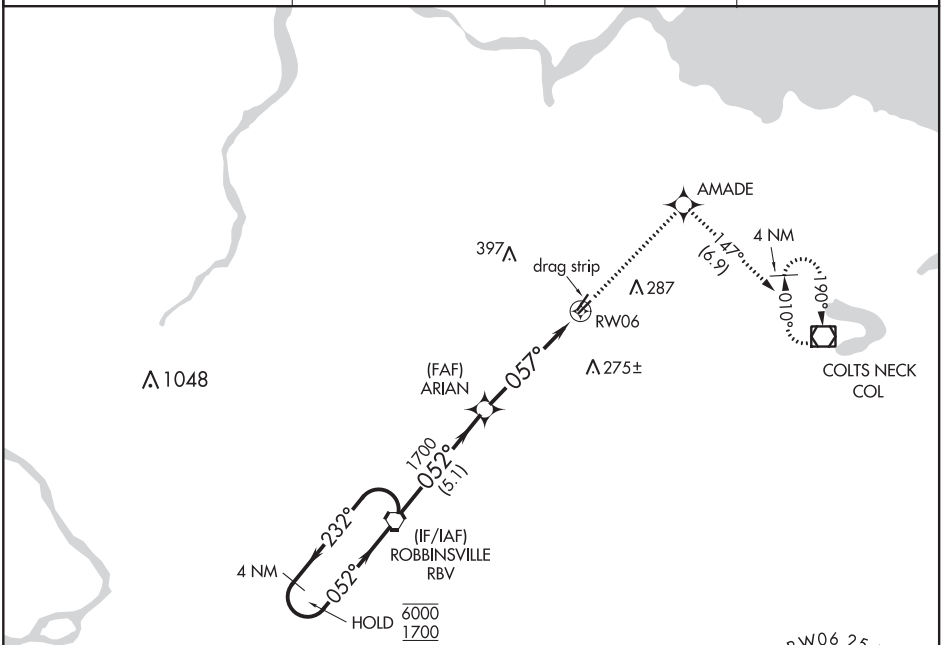
RNP APCH.

NA

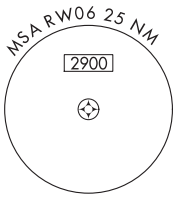
Procedure NA at night. Rwy 6 helicopter visibility reduction below 1 SM NA. Use Belmar/Farmingdale altimeter setting; when not received, use Wrightstown altimeter setting and increase all MDA 20 feet.

MISSED APPROACH: Climb to 2000 direct AMADE and on track 147° to COL VOR/DME and hold.

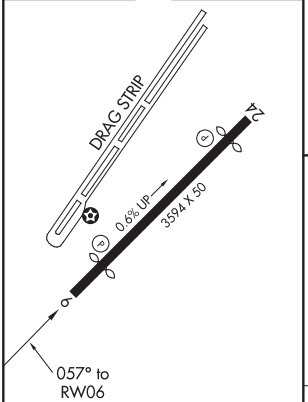
BLM AWOS-3PT	MC GUIRE APP CON	GCO	UNICOM
121.625	126.475 363.8	121.725	123.075 (CTAF) L



NoPT for arrival on RBV VORTAC airway radials 238 CW 289.



ELEV 87 TDZE 87

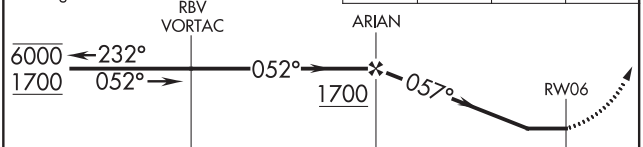


REIL Rwys 6 and 24 L
MIRL Rwy 6-24 L

Visual Segment - Obstacles.

2000	AMADE	tr 147°	COL

4 NM Holding Pattern



CATEGORY	A	B	C	D
LNAV MDA	660-1 573 (600-1)		NA	

NE-2, 10 SEP 2020 to 05 NOV 2020
NE-2, 10 SEP 2020 to 05 NOV 2020

OLD BRIDGE, NEW JERSEY | AL-6383 (FAA) | 20198

RNAV (GPS) RWY 24
OLD BRIDGE (3N6)

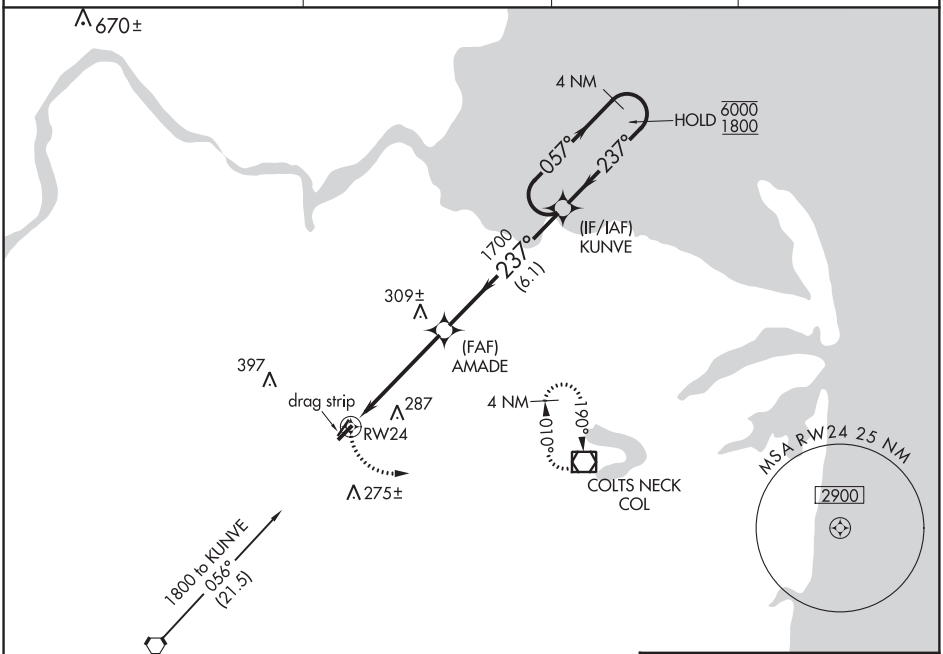
APP CRS	Rwy ldg	3194
237°	TDZE	87
	Apt Elev	87

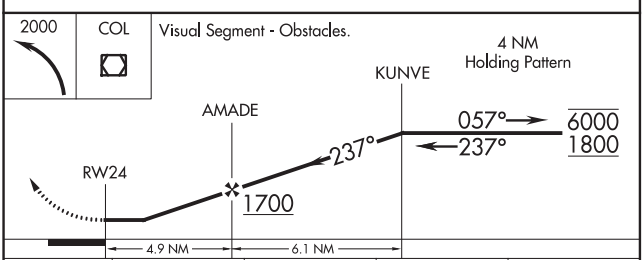
RNP APCH.

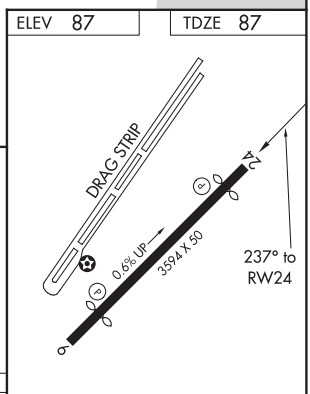
Procedure NA at night. Rwy 24 helicopter visibility reduction below 1 SM NA. Use Belmar/Farmingdale altimeter setting; when not received, use Wrightstown altimeter setting and increase all MDA 20 feet.

MISSED APPROACH: Climbing left turn to 2000 direct COL VOR/DME and hold.

BLM AWOS-3PT	MC GUIRE APP CON	GCO	UNICOM
121.625	126.475 363.8	121.725	123.075 (CTAF) L







CATEGORY	A	B	C	D
LNAV MDA	620-1 533 (600-1)		NA	
CIRCLING	620-1 533 (600-1)		NA	

REIL Rwys 6 and 24 L
MIRL Rwy 6-24 L

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

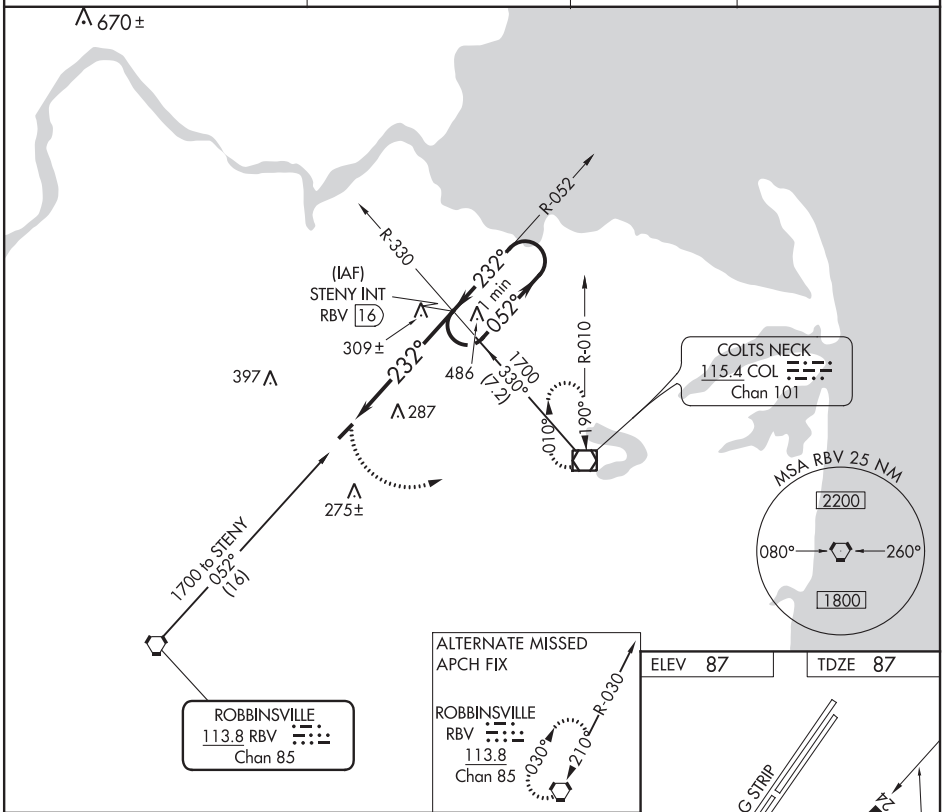
VORTAC RBV	APP CRS	Rwy ldg	3194
113.8	232°	TDZE	87
Chan 85		Apt Elev	87

VOR RWY 24
OLD BRIDGE (3N6)

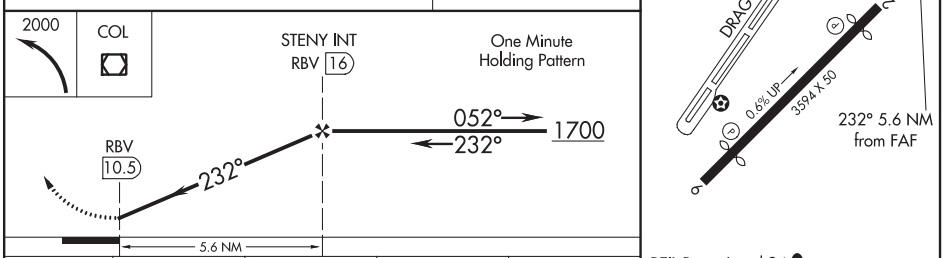
Procedure NA at night. Helicopter visibility reduction below 1 SM NA. Use Belmar/Farmingdale altimeter setting; when not received, use Wrightstown altimeter setting and increase all MDA 20 feet.

MISSED APPROACH: Climbing left turn to 2000 direct COL VOR/DME and hold.

BLM AWOS-3PT	MC GUIRE APP CON		GCO	UNICOM
121.625	126.475	363.8	121.725	123.075 (CTAF) L



ELEV 87	TDZE 87



REIL Rwys 6 and 24 L
MIRL Rwy 6-24 L

CATEGORY	A	B	C	D
S-24	600-1 513 (600-1)		NA	
CIRCLING	620-1 533 (600-1)	640-1 553 (600-1)	NA	

FAF to MAP 5.6 NM					
Knots	60	90	120	150	180
Min:Sec	5:36	3:44	2:48	2:14	1:52

NE-2, 10 SEP 2020 to 05 NOV 2020
NE-2, 10 SEP 2020 to 05 NOV 2020

OLEAN, NEW YORK

AL-5072 (FAA)

19171

RNAV (GPS) RWY 4
CATTARAUGUS COUNTY-OLEAN (OLE)

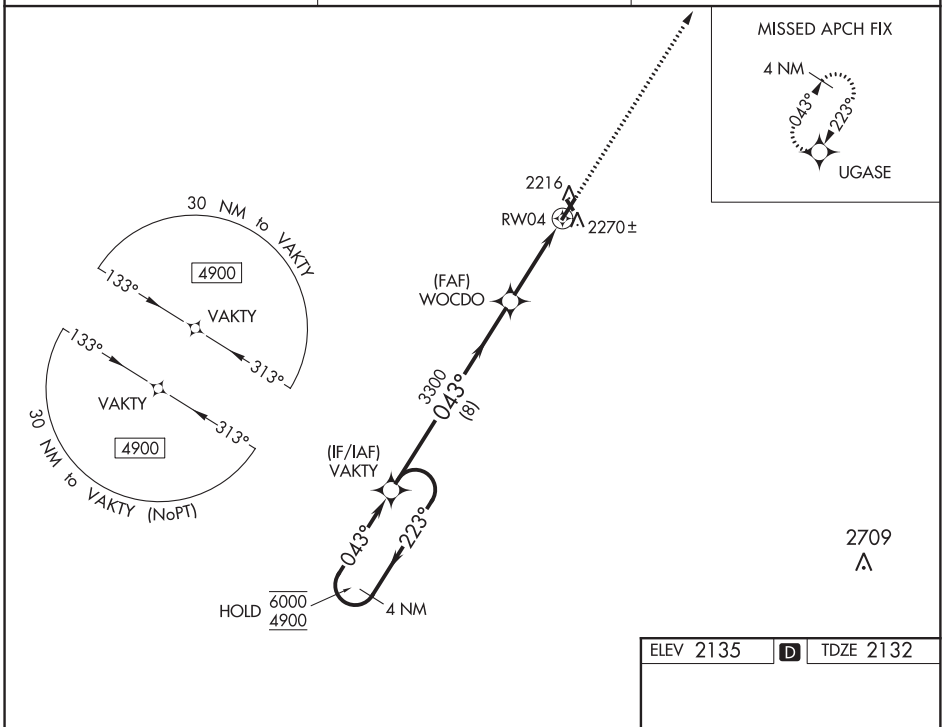
WAAS CH 53401 W04A	APP CRS 043°	Rwy ldg 4500 TDZE 2132 Apt Elev 2135

RNP APCH.

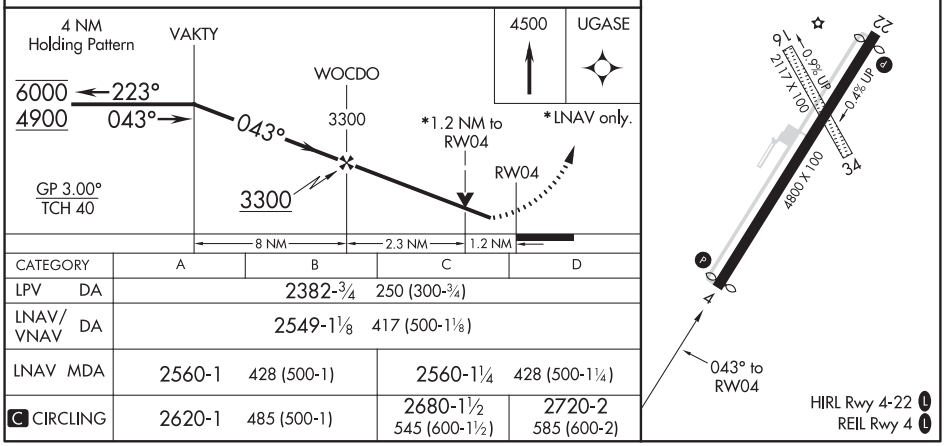
Circling NA to Rwys 16 and 34. Rwy 4 helicopter visibility reduction below ¾ SM NA. When VGSI inop, Circling Rwy 22 NA at night. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -19°C or above 54°C.

MISSED APPROACH: Climb to 4500 direct UGASE and hold.

AWOS-3	CLEVELAND CENTER	UNICOM
118.375	124.325 353.85	122.8 (CTAF) L



ELEV 2135	D	TDZE 2132



CATEGORY	A	B	C	D
LPV DA	2382-¾ 250 (300-¾)			
LNAV/VNAV DA	2549-1⅛ 417 (500-1⅛)			
LNAV MDA	2560-1 428 (500-1)		2560-1¼ 428 (500-1¼)	
C CIRCLING	2620-1 485 (500-1)		2680-1½ 545 (600-1½)	2720-2 585 (600-2)

OLEAN, NEW YORK
Amdt 2A 20JUN19

42°14′N - 78°22′W

CATTARAUGUS COUNTY-OLEAN (OLE)
RNAV (GPS) RWY 4

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

WAAS CH 99401 W22A	APP CRS 223°	Rwy ldg 4500 TDZE 2132 Apt Elev 2135

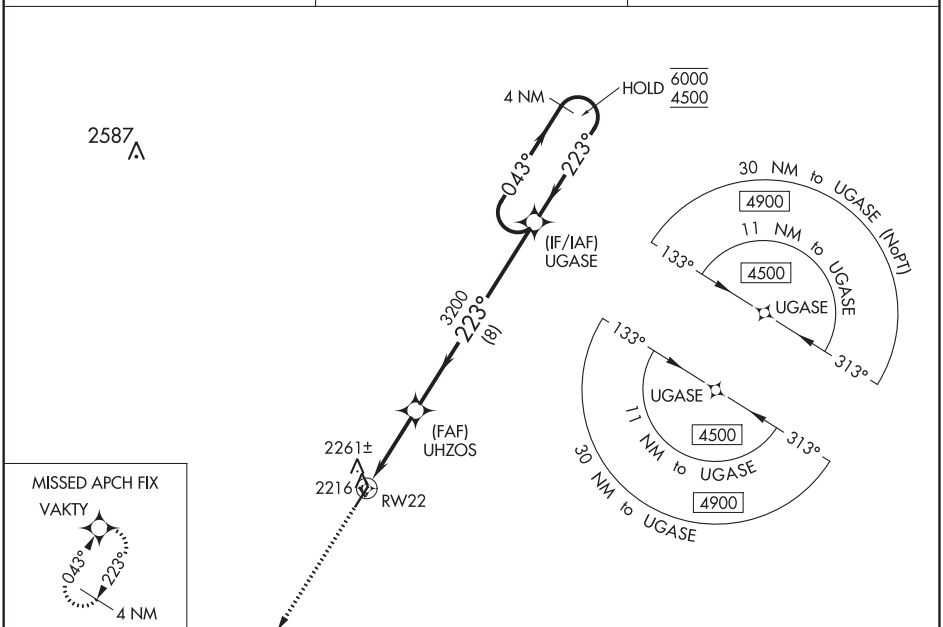
RNAV (GPS) RWY 22
CATTARAUGUS COUNTY-OLEAN (OLE)

RNP APCH.

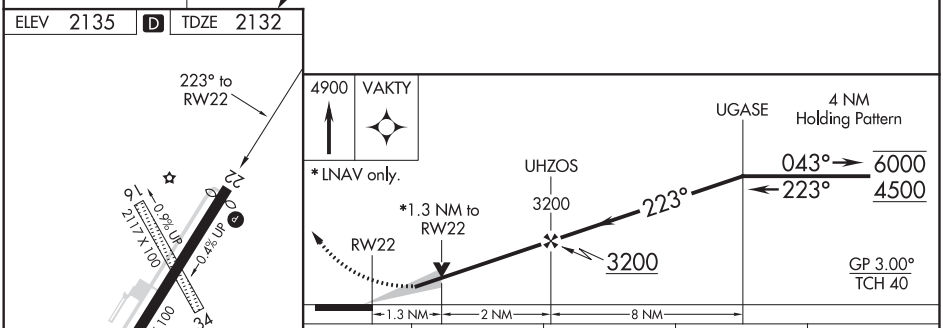
T Circling NA to Rwys 16 and 34. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -19°C or above 54°C. When VGSI inop, Straight-in/Circling Rwy 22 procedure NA at night.

MISSED APPROACH: Climb to 4900 direct VAKTY and hold.

AWOS-3	CLEVELAND CENTER	UNICOM
118.375	124.325 353.85	122.8 (CTAF) L



ELEV 2135 D TDZE 2132



HIRL Rwy 4-22 L
REIL Rwy 4 L

CATEGORY	A	B	C	D
LPV DA	2382-¾ 250 (300-¾)			
LNAV/VNAV DA	2569-1¼ 437 (500-1¼)			
LNAV MDA	2560-1 428 (500-1)		2560-1¼ 428 (500-1¼)	
C CIRCLING	2620-1 485 (500-1)		2680-1½ 545 (600-1½)	2720-2 585 (600-2)

NE-2, 10 SEP 2020 to 05 NOV 2020
NE-2, 10 SEP 2020 to 05 NOV 2020

OLEAN, NEW YORK

AL-5072 (FAA)

19171

LOC RWY 22

CATTARAUGUS COUNTY-OLEAN (OLE)

LOC I-OLE	APP CRS	Rwy ldg	4500
109.3	223°	TDZE	2132
		Apt Elev	2135

RNAV 1-GPS required.

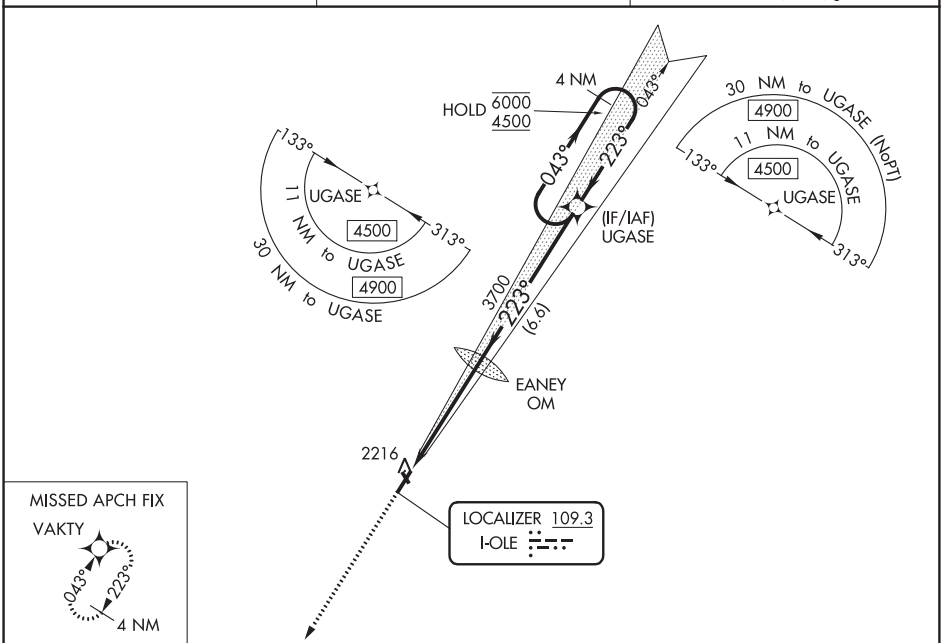
T

A NA

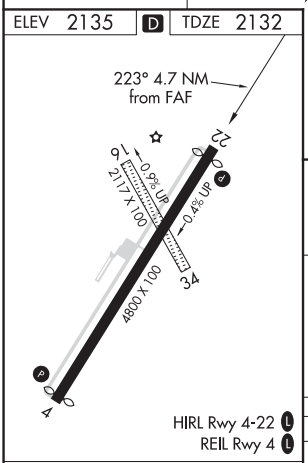
Circling NA to Rwys 16 and 34.
When VGSI inop, Straight-in/Circling Rwy 22 procedure NA at night.

MISSED APPROACH: Climb to 4900 direct VAKTY and hold.

AWOS-3	CLEVELAND CENTER	UNICOM
118.375	124.325 353.85	122.8 (CTAF) L



ELEV 2135 D TDZE 2132



FAF to MAP 4.7 NM					
Knots	60	90	120	150	180
Min:Sec	4:42	3:08	2:21	1:53	1:34

CATEGORY	A	B	C	D
S-LOC 22	2580-1	448 (500-1)	2580-1⅜	448 (500-1⅜)
C CIRCLING	2620-1	485 (500-1)	2680-1½ 545 (600-1½)	2720-2 585 (600-2)

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

WAAS CH 86309 W06A	APP CRS 057°	Rwy ldg 4199 TDZE 1763 Apt Elev 1763

RNAV (GPS) RWY 6
ALBERT S NADER RGNL (N66)

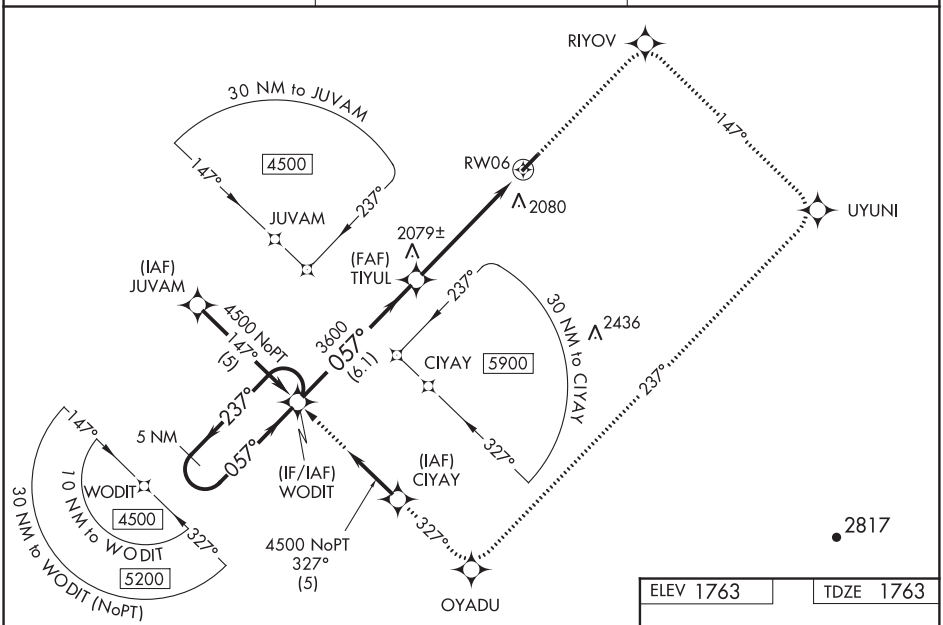
RNP APCH.

When local altimeter setting not received, use Binghamton altimeter setting and increase all DA 122 feet, all MDA 140 feet, and increase LPV and LNAV/VNAV visibilities ½ mile all Cats, and circling visibility Cat B ¼ mile. Baro-VNAV NA when using Binghamton altimeter setting. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -18°C or above 54°C. Rwy 6 helicopter visibility reduction below 1 SM NA. Procedure NA at night.

NA

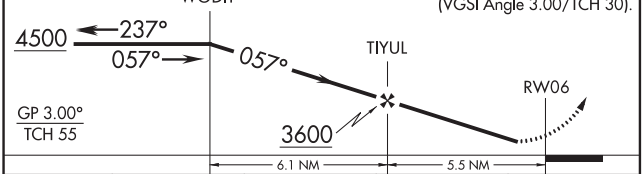
MISSED APPROACH: Climb to 4500 direct RIYOV and right turn on track 147° to UYUNI and right turn on track 237° to OYADU and on track 327° to WODIT and hold.

AWOS-3	BOSTON CENTER	UNICOM
119.575	133.25 279.5	122.8 (CTAF) L



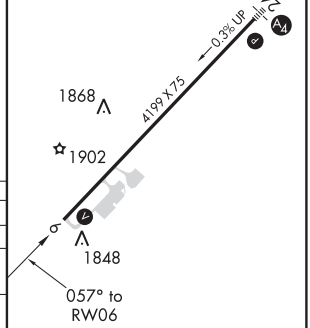
5 NM Holding Pattern	4500	RIYOV	UYUNI	OYADU	WODIT
		tr 147°	tr 237°	tr 327°	

VGSI and RNAV glidepath not coincident (VGSI Angle 3.00/TCH 30).



CATEGORY	A	B	C	D
LPV DA	2075-1 312 (400-1)		NA	
LNAV/VNAV DA	2351-2 588 (600-2)		NA	
LNAV MDA	2260-1 497 (500-1)		NA	
CIRCLING	2340-1 577 (600-1)	2380-1 617 (700-1)	NA	

ELEV 1763 TDZE 1763



MIRL Rwy 6-24 L
REIL Rwys 6 and 24 L

NE-2, 10 SEP 2020 to 05 NOV 2020

ONEONTA, NEW YORK | AL-5395 (FAA) | 20142

RNAV (GPS) RWY 24
ALBERT S NADER RGNL (N66)

WAAS CH 70409 W24A	APP CRS 237°	Rwy ldg 4199 TDZE 1758 Apt Elev 1763

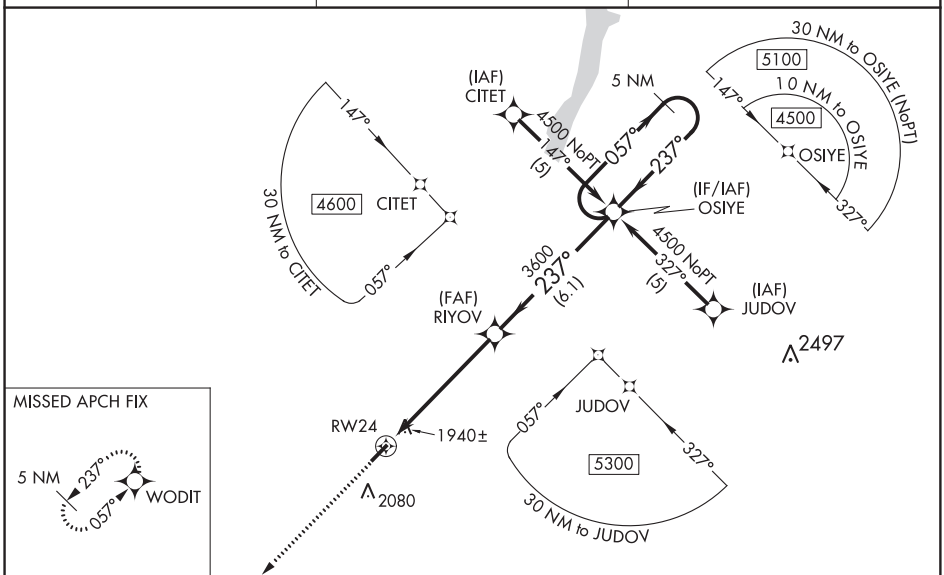
RNP APCH.

When local altimeter setting not received, use Binghamton altimeter setting and increase all DA 122 feet, all MDA 140 feet, and increase LPV and LNAV/VNAV visibilities ½ mile all Cats, and Circling visibility Cat B ¼ mile. Baro-VNAV NA when using Binghamton altimeter setting. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -18°C or above 54°C. Rwy 6 helicopter visibility reduction below ¾ SM NA. Inop table does not apply. VDP NA when using Binghamton altimeter setting. Circling Rwy 6 NA at night.

MALS

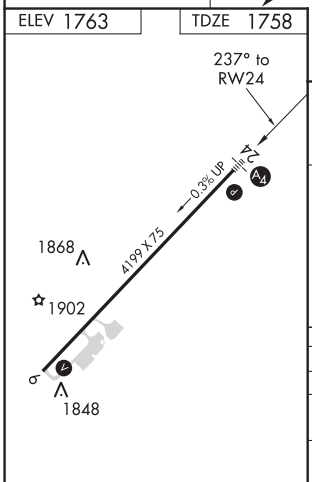
MISSED APPROACH: Climb to 4500 direct WODIT and hold.

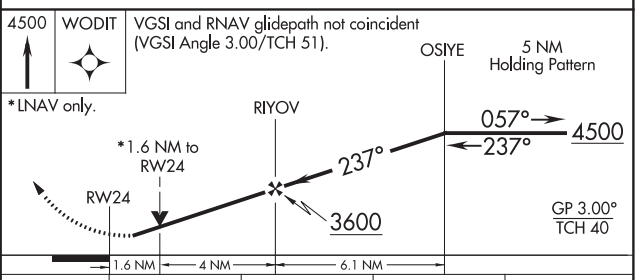
AWOS-3	BOSTON CENTER	UNICOM
119.575	133.25 279.5	122.8 (CTAF)



MISSED APCH FIX

ELEV 1763 | TDZE 1758





CATEGORY	A	B	C	D
LPV DA	2191-1½ 433 (500-1½)		NA	
LNAV/VNAV DA	2258-1¾ 500 (500-1¾)		NA	
LNAV MDA	2300-1 542 (600-1)		NA	
CIRCLING	2340-1 577 (600-1)	2380-1 617 (700-1)	NA	

MIRL Rwy 6-24
REIL Rwys 6 and 24

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

APP CRS	Rwy ldg	2221
074°	TDZE	38
	Apt Elev	40

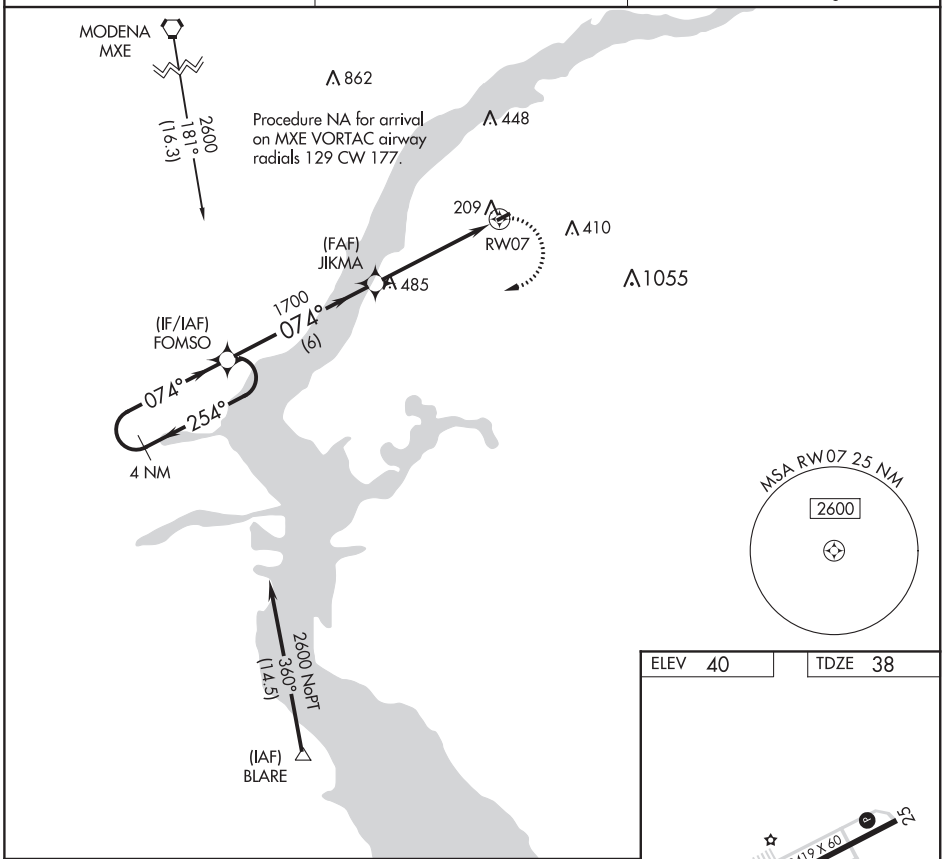
RNAV (GPS) RWY 7
SPITFIRE AERODROME (7N7)

RNP APCH.

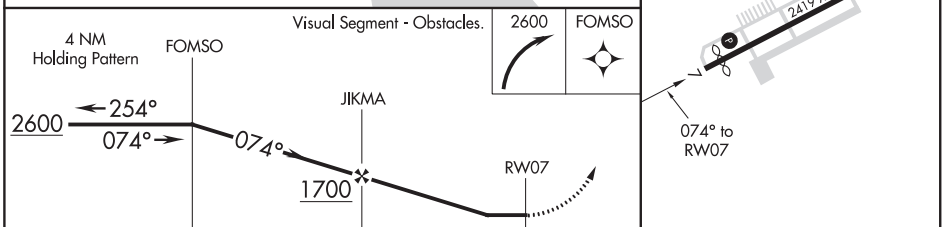
Use Philadelphia Intl altimeter setting. Procedure NA at night.
NA Rwy 7 helicopter visibility reduction below 1 SM NA.

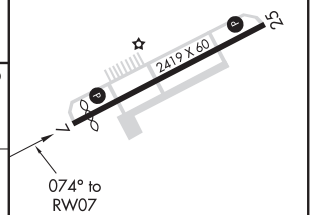
MISSED APPROACH: Climbing right turn to 2600 direct FOMSO WP and hold.

PHL ASOS	PHILADELPHIA APP CON	UNICOM
133.4	119.75 269.25	122.7 (CTAF) L



ELEV 40	TDZE 38





CATEGORY	A	B	C	D
LNAV MDA	540-1	502 (500-1)	NA	
CIRCLING	600-1	560 (600-1)	NA	

REIL Rwys 7 and 25 L
MIRL Rwy 7-25 L

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

PEDRICKTOWN, NEW JERSEY | AL-9012 (FAA) | 20198

APP CRS	Rwy ldg	2419
254°	TDZE	38
	Apt Elev	40

RNAV (GPS) RWY 25
SPITFIRE AERODROME (7N7)

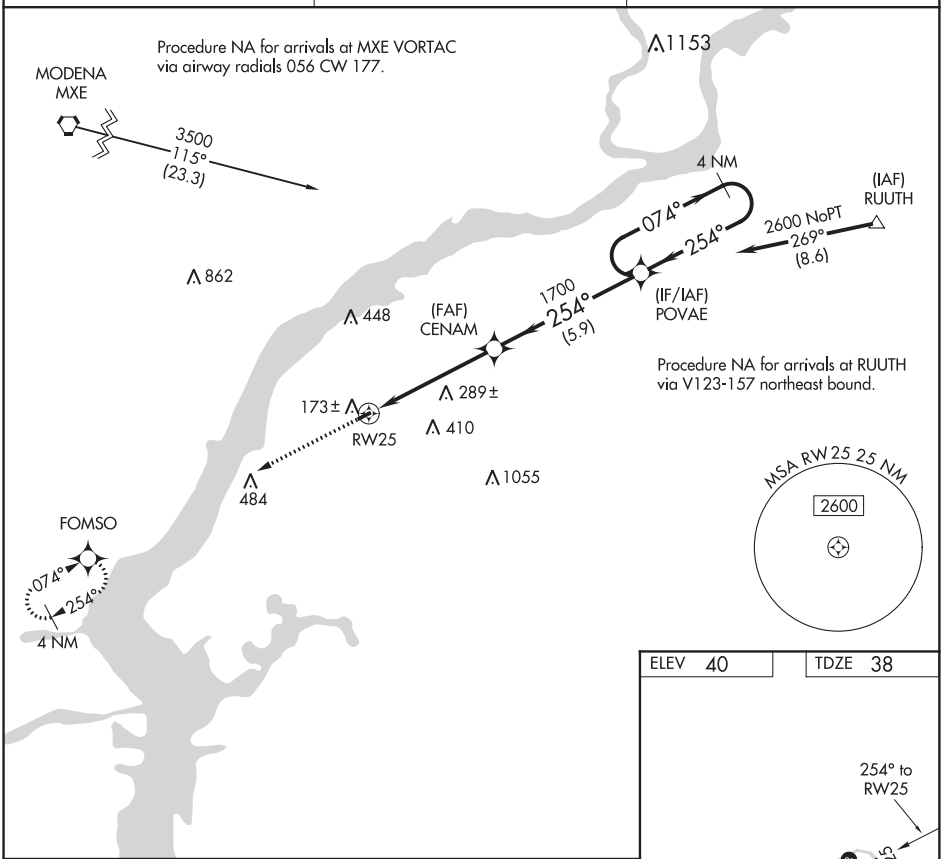
RNP APCH.

NA

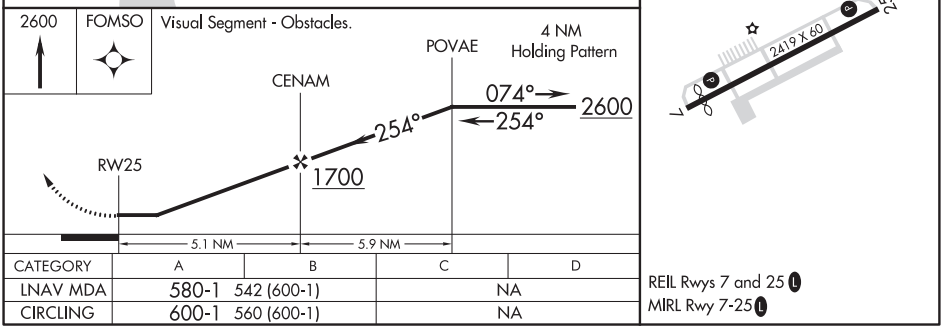
Use Philadelphia Intl altimeter setting. Procedure NA at night.
Rwy 25 helicopter visibility below 1 SM NA.

MISSED APPROACH: Climb to 2600 direct FOMSO and hold.

PHL ASOS	PHILADELPHIA APP CON	UNICOM
133.4	119.75 269.25	122.7 (CTAF) L



ELEV 40	TDZE 38



CATEGORY	A	B	C	D
LNAV MDA	580-1 542 (600-1)		NA	
CIRCLING	600-1 560 (600-1)		NA	

REIL Rwys 7 and 25 L
MIRL Rwy 7-25 L

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

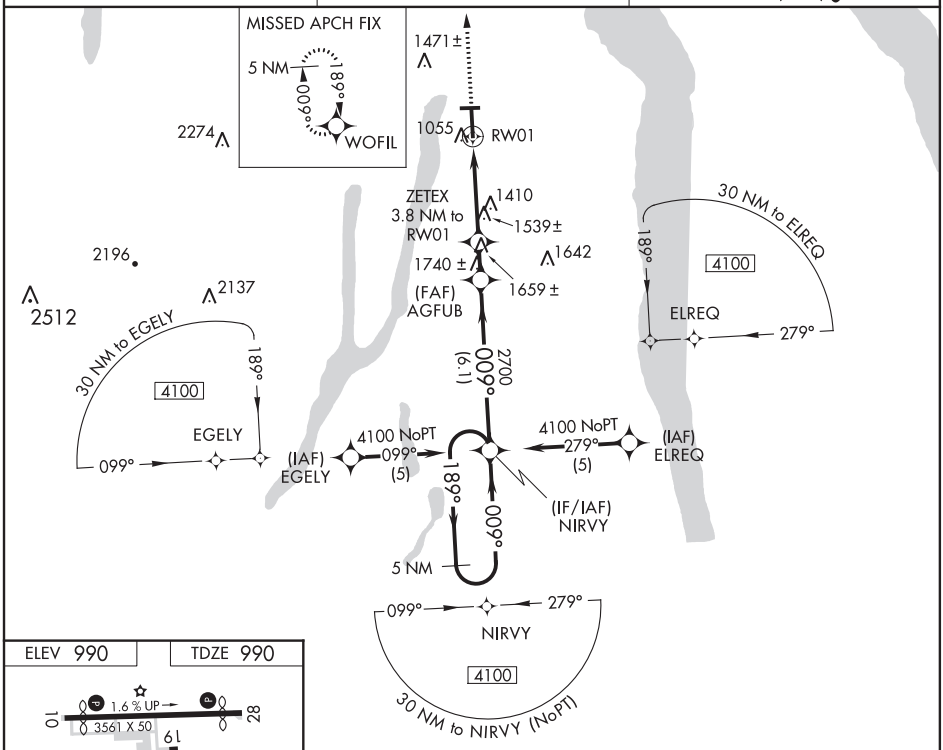
RNAV (GPS) RWY 1
PENN YAN (PEO)

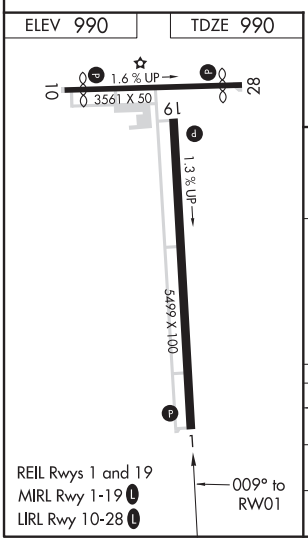
WAAS CH 99507 W01A	APP CRS 009°	Rwy ldg 5499 TDZE 990 Apt Elev 990

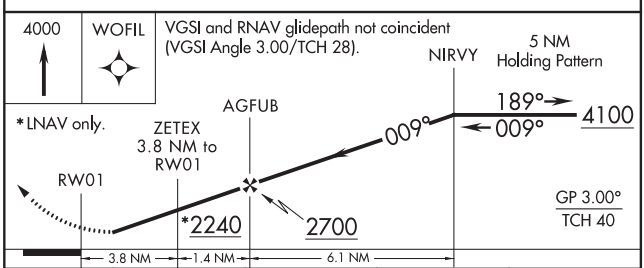
When local altimeter setting not received, use Elmira altimeter setting and increase LPV DA 73 feet, all MDA 80 feet, LPV all Cats visibility ¼ mile, LNAV and Circling Cat A visibility ¼ mile, and LNAV and Circling Cats C and D visibility ½ mile. DME/DME RNP-0.3 NA. Helicopter visibility reduction below ¾ SM NA.

MISSED APPROACH: Climb to 4000 direct WOFIL and hold, continue climb in hold to 4000.

ASOS	ELMIRA APP CON*	UNICOM
121.175	124.3 257.8	123.0 (CTAF) L







CATEGORY	A	B	C	D
LPV DA	1360-1¼ 370 (400-1¼)			
LNAV MDA	1800-1 810 (900-1)	1800-1¼ 810 (900-1¼)	1800-2¼ 810 (900-2¼)	1800-2½ 810 (900-2½)
CIRCLING	1800-1 810 (900-1)	1800-1¼ 810 (900-1¼)	1800-2¼ 810 (900-2¼)	1800-2½ 810 (900-2½)

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

PENN YAN, NEW YORK — AL-6175 (FAA) — 19115

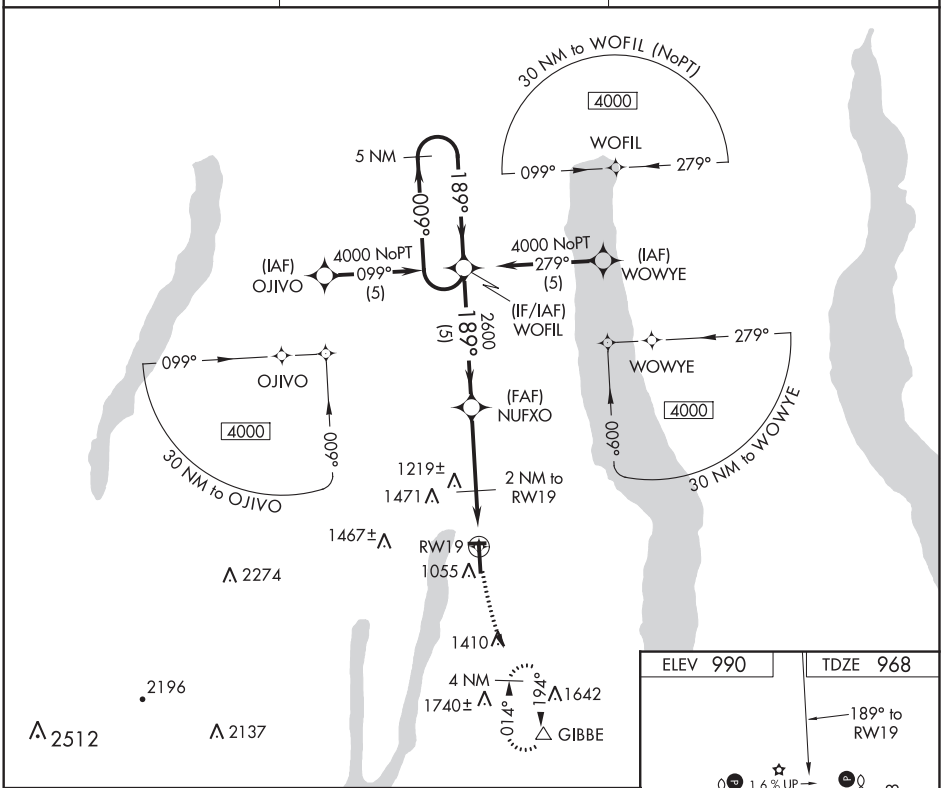
RNAV (GPS) RWY 19
PENN YAN (PEO)

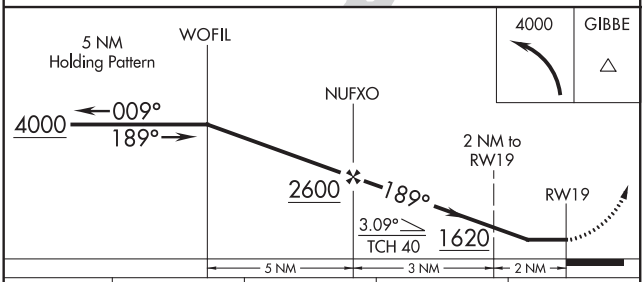
APP CRS	Rwy ldg	5499
189°	TDZE	968
	Apt Elev	990

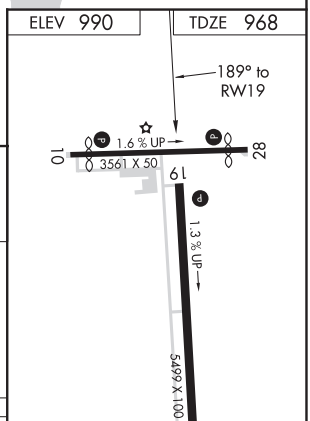
DME/DME RNP-0.3 NA. When local altimeter setting not received, use Elmira altimeter setting and increase all MDA 80 feet. Increase S-19 Cats C/D, and Circling Cats C/D visibility ¼ mile.

MISSED APPROACH: Climbing left turn to 4000 direct GIBBE and hold, continue climb-in-hold to 4000.

ASOS	ELMIRA APP CON ★	UNICOM
121.175	124.3 257.8	123.0 (CTAF) L







CATEGORY	A	B	C	D
LNAV MDA	1400-1 432 (500-1)		1400-1¼ 432 (500-1¼)	1400-1½ 432 (500-1½)
CIRCLING	1480-1 490 (500-1)	1600-1 610 (700-1)	1680-2 690 (700-2)	1780-2½ 790 (800-2½)

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

WAAS CH 86328 W04A	APP CRS 045°	Rwy ldg 3016 TDZE 1703 Apt Elev 1703

RNAV (GPS) RWY 4

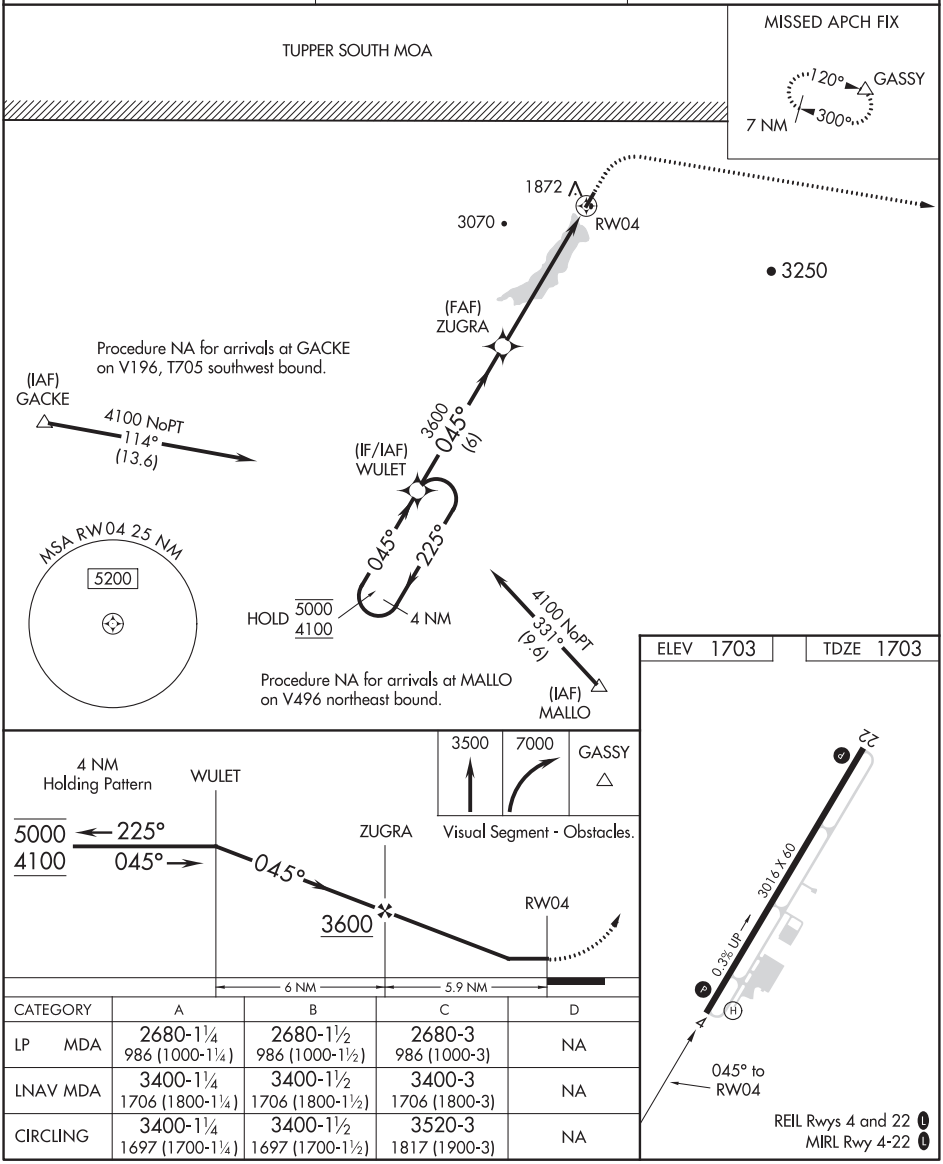
PISECO (KØ9)

RNP APCH.

Procedure NA at night. Rwy 4 helicopter visibility reduction below 1 SM NA. Use Griffiss Intl altimeter setting.

MISSED APPROACH: Climb to 3500 then climbing right turn to 7000 direct GASSY and hold.

RME ASOS	BOSTON APP CON	UNICOM
118.7	135.25 377.1	122.8 (CTAF) L



CATEGORY	A	B	C	D
LP MDA	2680-1¼ 986 (1000-1¼)	2680-1½ 986 (1000-1½)	2680-3 986 (1000-3)	NA
LNAV MDA	3400-1¼ 1706 (1800-1¼)	3400-1½ 1706 (1800-1½)	3400-3 1706 (1800-3)	NA
CIRCLING	3400-1¼ 1697 (1700-1¼)	3400-1½ 1697 (1700-1½)	3520-3 1817 (1900-3)	NA

PITTSTOWN, NEW JERSEY | AL-6709 (FAA) | 17229

RNAV (GPS)-A
ALEXANDRIA (N85)

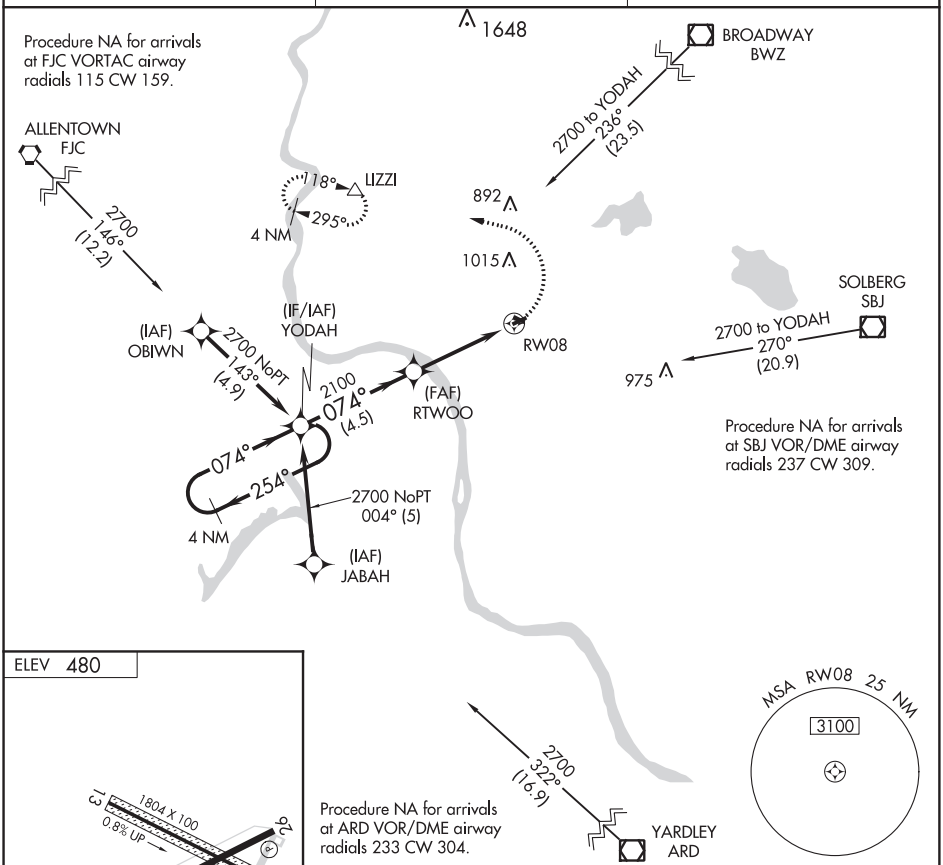
APP CRS	Rwy ldg	N/A
074°	TDZE	N/A
	Apt Elev	480

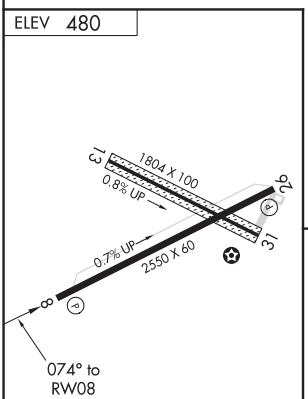
DME/DME RNP-0.3 NA. Use Lehigh Valley Intl, Allentown, PA altimeter setting. Procedure NA at night. Helicopter visibility reduction below 1 SM NA.

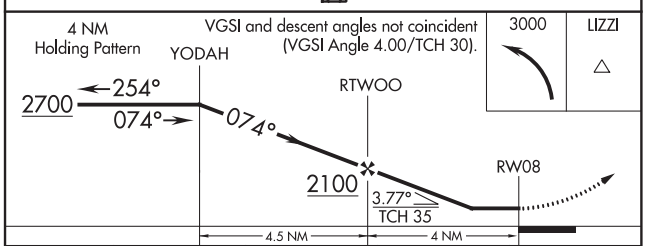
NA

MISSED APPROACH: Climbing left turn to 3000 direct LIZZI and hold, continue climb-in-hold to 3000.

ALLENTOWN APP CON	UNICOM	
119.65 124.45 351.8	122.975 (CTAF)	121.8 L







CATEGORY	A	B	C	D
C CIRCLING	1240-1 760 (800-1)	NA		

MIRL Rwy 8-26 L

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

RNAV (GPS)-B
ALEXANDRIA (N85)

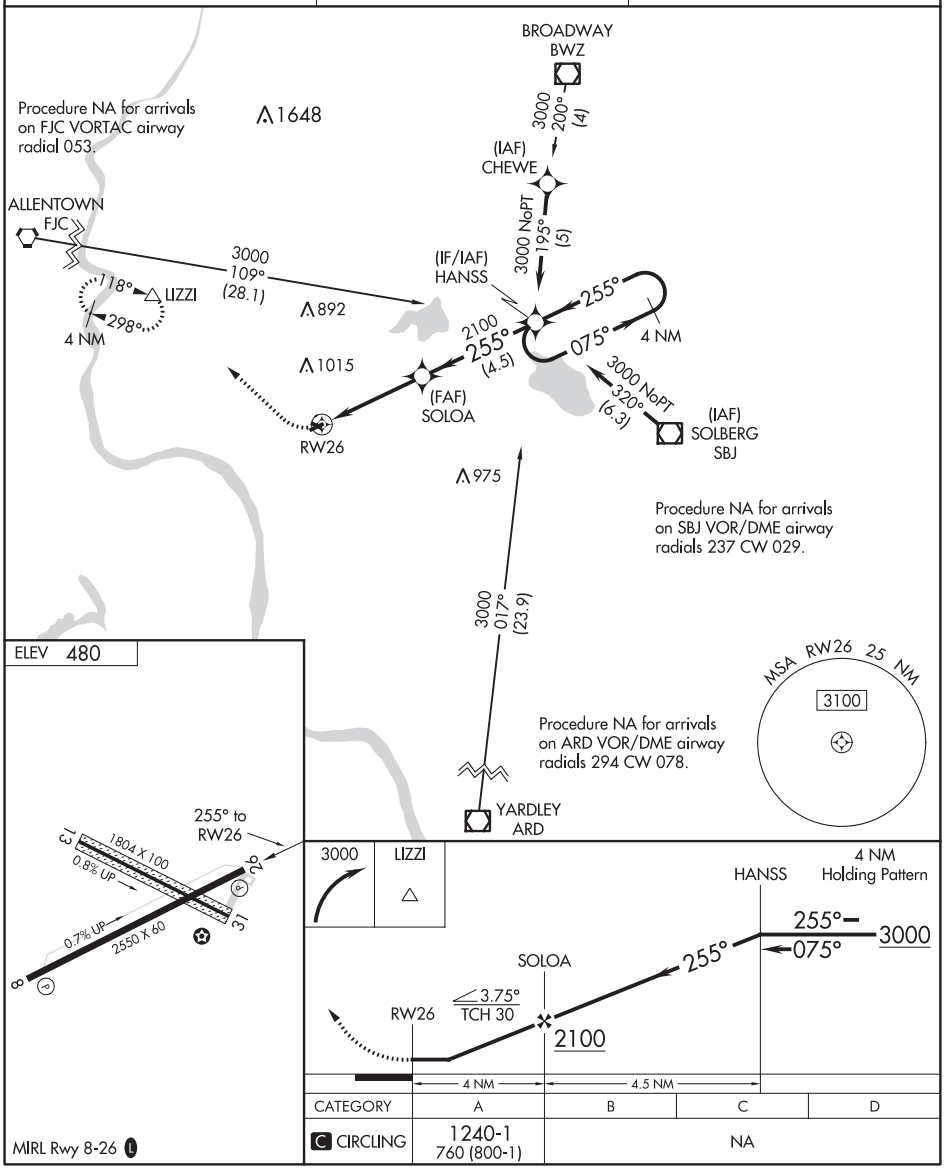
APP CRS	Rwy ldg	NA
255°	TDZE	NA
	Apt Elev	480

NA

DME/DME RNP-0.3 NA. Use Lehigh Valley Intl, Allentown, PA altimeter setting. Procedure NA at night. Helicopter visibility reduction below 1 SM NA.

MISSED APPROACH: Climbing right turn 3000 direct LIZZI and hold.

ALLENTOWN APP CON	UNICOM	
119.65 124.45 351.8	122.975 (CTAF)	122.8 L



CATEGORY	A	B	C	D
C CIRCLING	1240-1 760 (800-1)	NA		

MIRL Rwy 8-26 L

NE-2, 10 SEP 2020 to 05 NOV 2020
NE-2, 10 SEP 2020 to 05 NOV 2020

PITTSTOWN, NEW JERSEY | AL-6709 (FAA) | 20086

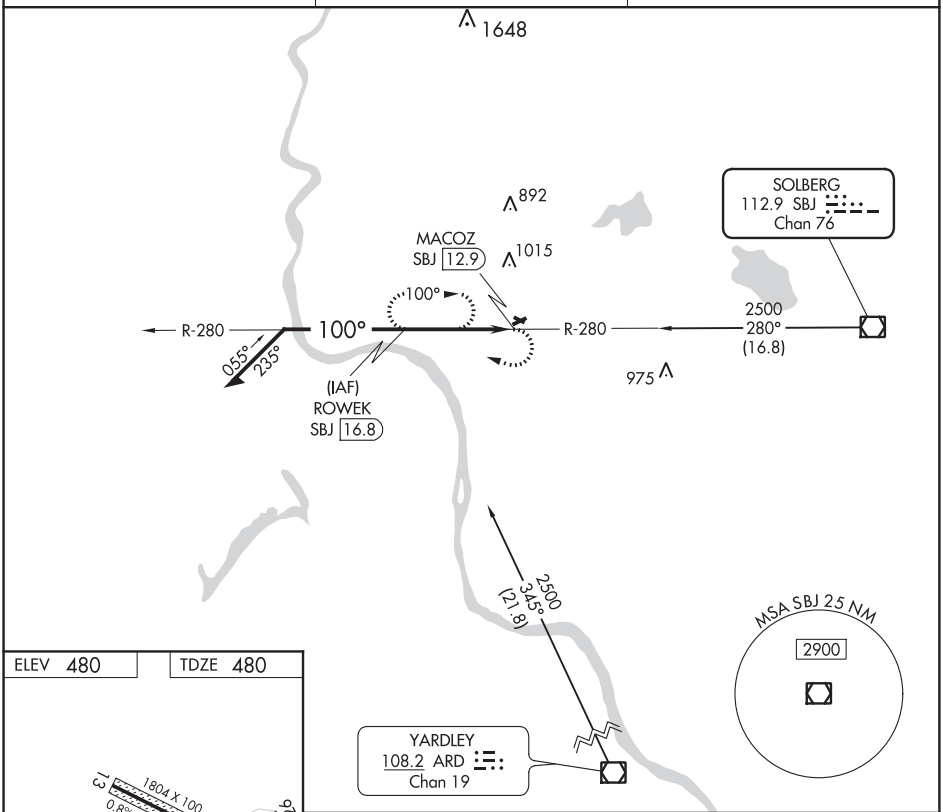
VOR/DME RWY 8
ALEXANDRIA (N85)

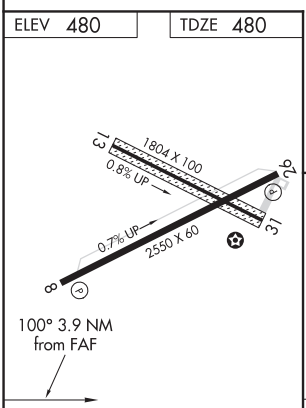
VOR/DME SBJ	APP CRS	Rwy ldg	2550
112.9	100°	TDZE	480
Chan 76		Apt Elev	480

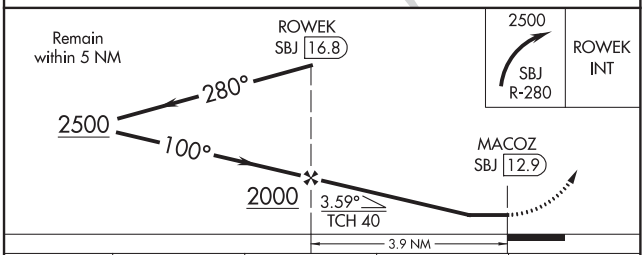
Use Lehigh Valley Intl, Allentown, PA altimeter setting.
Procedure NA at night.
Helicopter visibility reduction below 1 SM NA.

MISSED APPROACH: Climbing right turn to 2500 on SBJ VOR/DME R-280 to ROWEK/16.8 DME and hold.

ALLENTOWN APP CON	UNICOM	
119.65 124.45 351.8	122.975 (CTAF)	121.8 L







CATEGORY	A	B	C	D
S-8	1420-1 940 (1000-1)	NA		
C CIRCLING	1420-1 940 (1000-1)	NA		

MIRL Rwy 8-26 L

NE-2, 10 SEP 2020 to 05 NOV 2020
NE-2, 10 SEP 2020 to 05 NOV 2020

APP CRS	Rwy ldg	2900
067°	TDZE	558
	Apt Elev	560

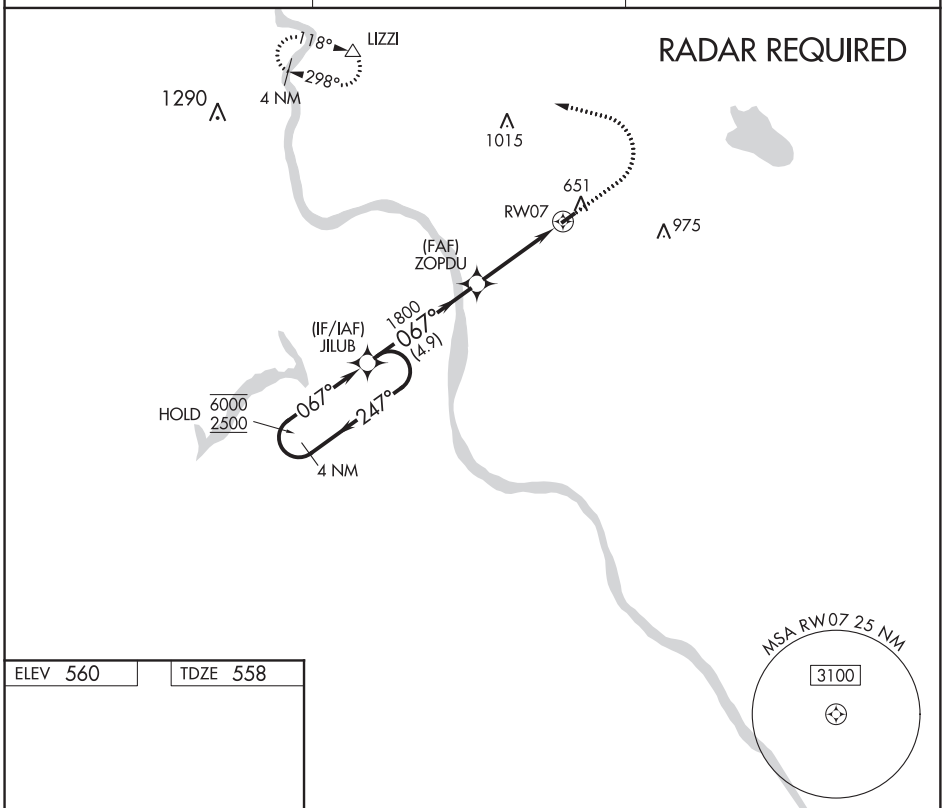
RNAV (GPS) RWY 7
SKY MANOR (N4Ø)

RNP APCH.

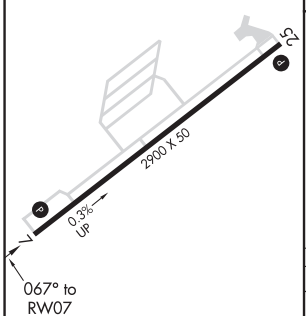
Procedure NA at night. When local altimeter setting not received, use Lehigh Valley Intl altimeter setting. Rwy 7 helicopter visibility reduction below 1 SM NA.

MISSED APPROACH: Climb to 1100 then climbing left turn to 3000 direct LIZZI and hold.

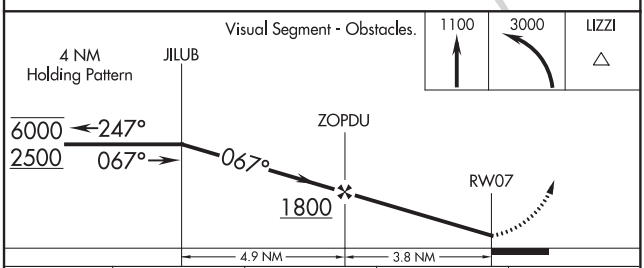
AWOS-3	ALLENTOWN APP CON	UNICOM
121.725	119.65 124.45 351.8	122.975 (CTAF) L



ELEV 560	TDZE 558



MIRL Rwy 7-25 L
REIL Rwys 7 and 25 L



CATEGORY	A	B	C	D
LNAV MDA	1080-1 522 (600-1)	NA		
C CIRCLING	1140-1 580 (600-1)	NA		

NE-2, 10 SEP 2020 to 05 NOV 2020
NE-2, 10 SEP 2020 to 05 NOV 2020

PITTSTOWN, NEW JERSEY

AL-5803 (FAA)

20170

RNAV (GPS) RWY 25

SKY MANOR (N40)

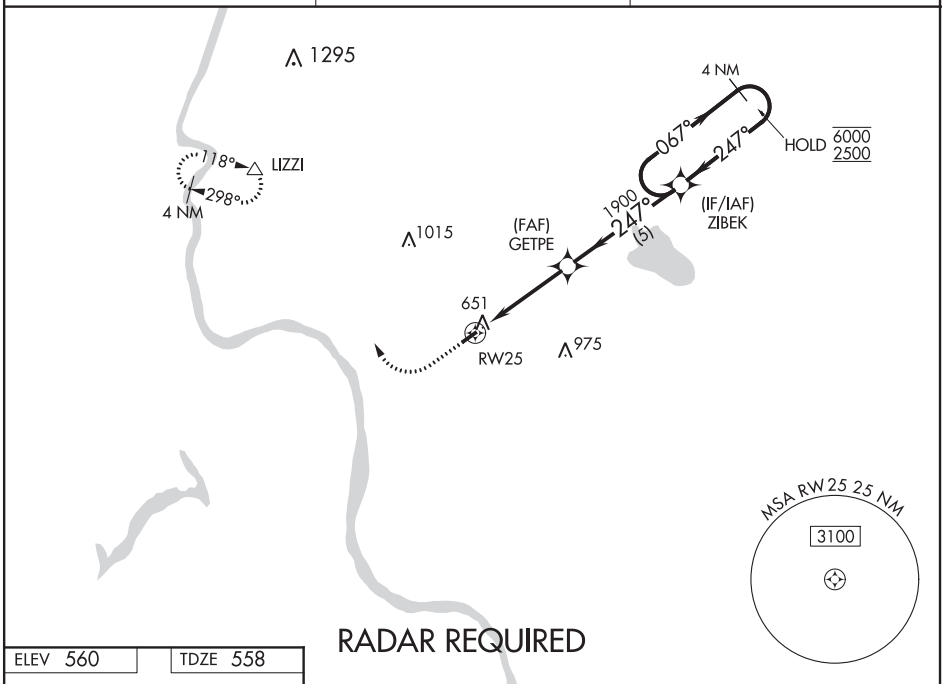
WAAS Ch 50427 W25A	APP CRS 247°	Rwy ldg 2900 TDZE 558 Apt Elev 560

RNP APCH.

Procedure NA at night. When local altimeter setting not received, use Lehigh Valley Intl altimeter setting.
Rwy 25 helicopter visibility reduction below 1 SM NA.

MISSED APPROACH: Climb to 1200 then climbing right turn to 3000 direct LIZZI and hold.

AWOS-3	ALLENTOWN APP CON	UNICOM
121.725	119.65 124.45 351.8	122.975 (CTAF) L

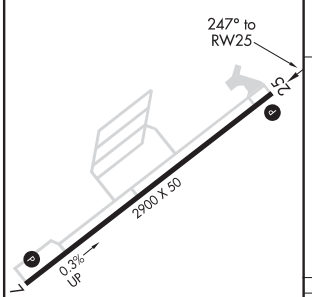


RADAR REQUIRED

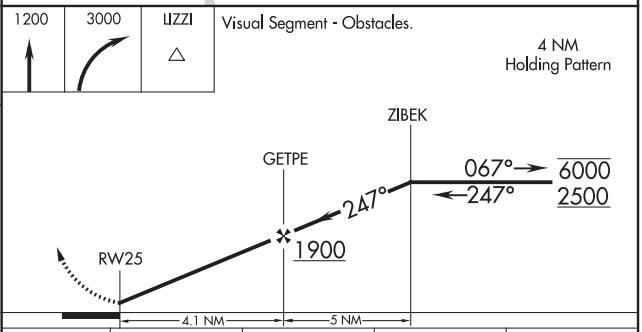
NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

ELEV 560 | TDZE 558



MIRL Rwy 7-25 L
REIL Rwys 7 and 25 L



CATEGORY	A	B	C	D
LP MDA	1080-1 522 (600-1)	NA		
LNAV MDA	1160-1 602 (600-1)	NA		
C CIRCLING	1160-1 600 (600-1)	NA		

PITTSTOWN, NEW JERSEY
Orig-C 18JUN20

40°34′N-74°59′W

SKY MANOR (N40)

RNAV (GPS) RWY 25

VOR RWY 7
SKY MANOR (N40)

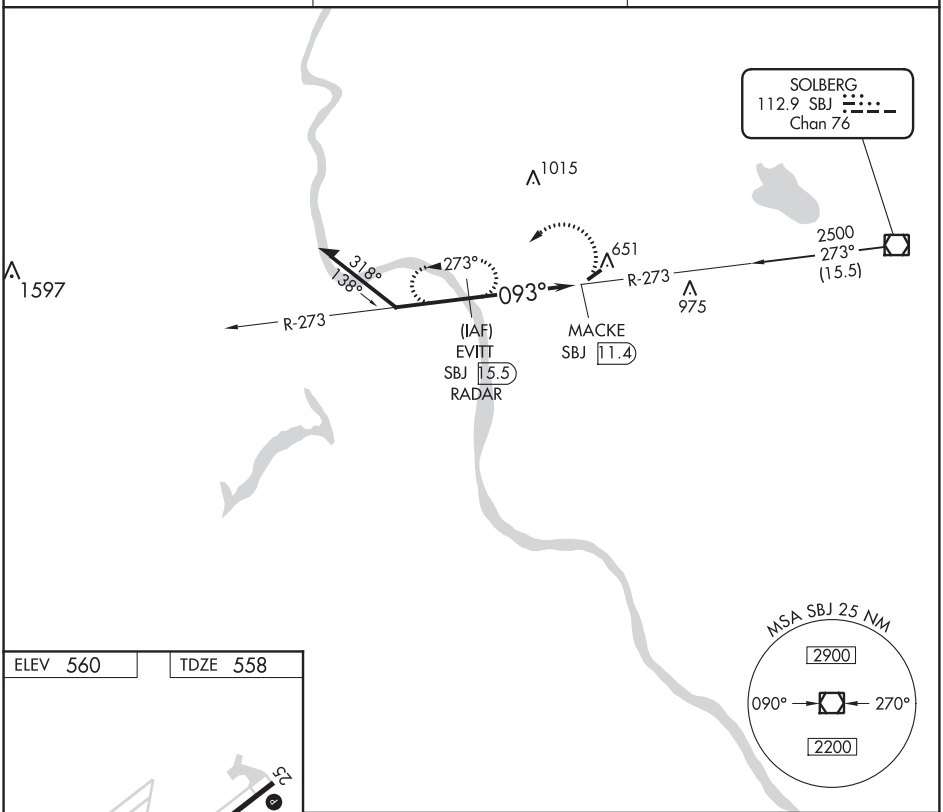
VOR/DME SBJ	APP CRS	Rwy ldg	2900
112.9	093°	TDZE	558
Chan 76		Apt Elev	560

DME or RADAR required.

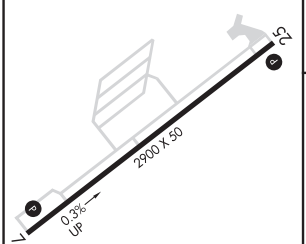
T A Procedure NA at night. When local altimeter setting not received, use Lehigh Valley Intl altimeter setting. Rwy 7 helicopter visibility reduction below 1 SM NA.

MISSED APPROACH: Climbing left turn to 2500 on SBJ VOR/DME R-273 to EVITT/SBJ 15.5 DME/RADAR and hold.

AWOS-3	ALLENTOWN APP CON	UNICOM
121.725	119.65 124.45 351.8	122.975 (CTAF) L

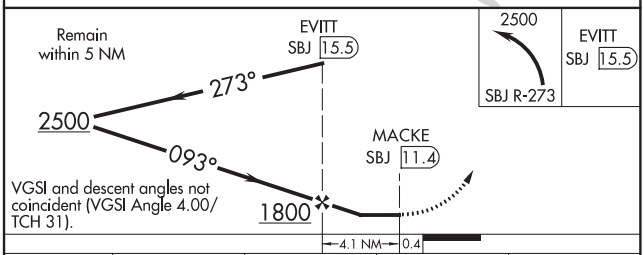


ELEV 560 TDZE 558



MIRL Rwy 7-25 L
REIL Rwys 7 and 25 L

FAF to MAP 4.1 NM					
Knots	60	90	120	150	180
Min:Sec	4:06	2:44	2:03	1:38	1:22



VGSI and descent angles not coincident (VGSI Angle 4.00/ TCH 31).

CATEGORY	A	B	C	D
S-7	1220-1 662 (700-1)	NA		
C CIRCLING	1220-1 660 (700-1)	NA		

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

PLATTSBURGH, NEW YORK — AL-729 (FAA) — 19227

ILS or LOC RWY 35
PLATTSBURGH INTL (PBG)

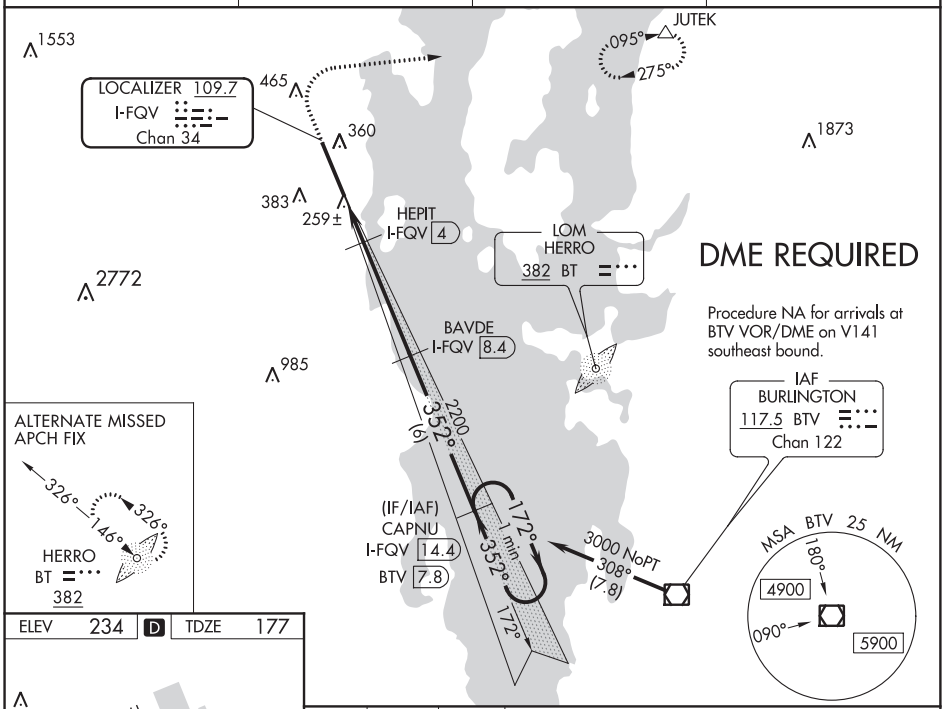
LOC/DME I-FQV	APP CRS	Rwy ldg	11759
109.7	352°	TDZE	177
Chan 34		Apt Elev	234

RNAV 1-GPS required.

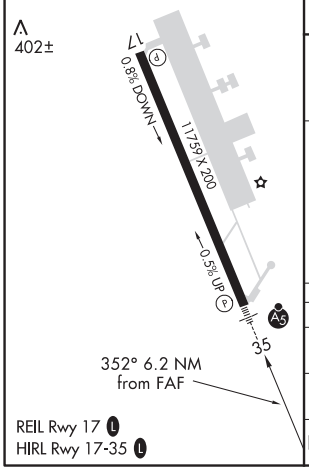
MALSR

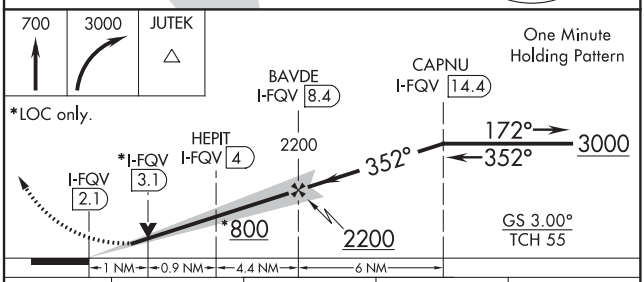
MISSED APPROACH: Climb to 700 then climbing right turn to 3000 direct JUTEK and hold.

ASOS	BURLINGTON APP CON ★	CLNC DEL	UNICOM
132.225	121.1 278.8	121.85	122.7 (CTAF)



ELEV	234	D	TDZE	177





CATEGORY	A	B	C	D
S-ILS 35	377-½ 200 (200-½)			
S-LOC 35	520-½ 343 (300-½)		520-⅝ 343 (300-⅝)	
C CIRCLING	720-1 486 (500-1)	740-1 506 (600-1)	800-1½ 566 (600-1½)	960-2¼ 726 (800-2¼)

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

WAAS CH 40402 W17A	APP CRS 172°	Rwy ldg 11759 TDZE 234 Apt Elev 234

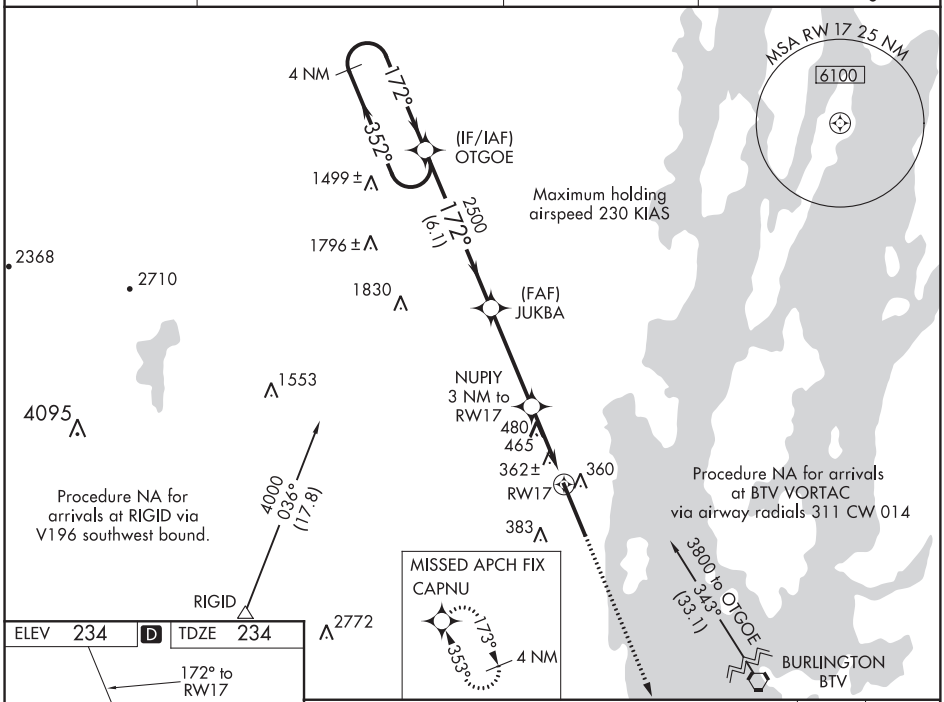
RNAV (GPS) RWY 17
PLATTSBURGH INTL (PBG)

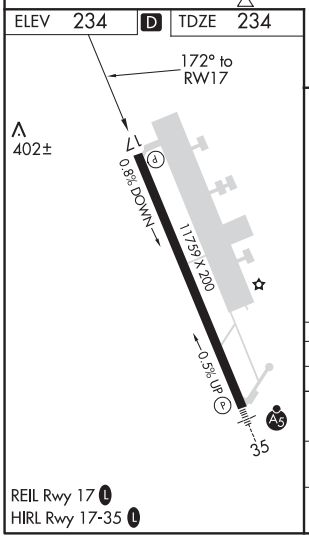
T
A NA

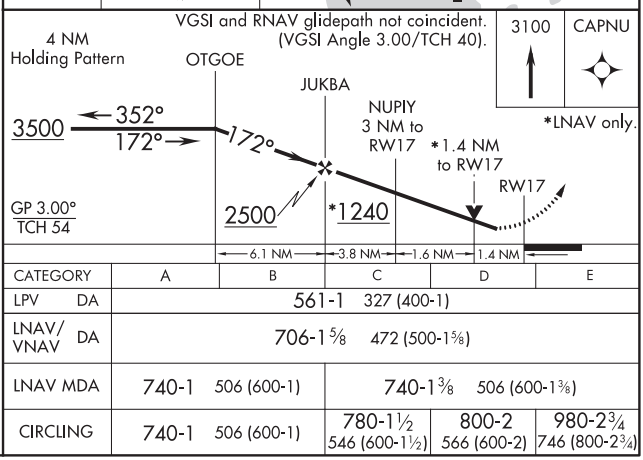
When local altimeter setting not received, use Burlington Intl altimeter setting and increase all DA 54 feet, all MDA 60 feet, LPV all Cats visibility ¼ mile, LNAV/VNAV all Cats visibility ⅛ mile, LNAV Cats C, D and E visibility ¼ mile and Circling Cat C visibility ¼ mile. VDP NA when using Burlington Intl altimeter setting. Baro-VNAV NA. DME/DME RNP-0.3 NA. Helicopter visibility reduction below ¾ SM NA.

MISSED APPROACH: Climb to 3100 direct CAPNU and hold.

ASOS	BURLINGTON APP CON ★	CLNC DEL	UNICOM
132.225	121.1 278.8	121.85	122.7 (CTAF) L







CATEGORY	A	B	C	D	E
LPV DA	561-1 327 (400-1)				
LNAV/VNAV DA	706-1 5/8 472 (500-1 5/8)				
LNAV MDA	740-1 506 (600-1)		740-1 3/8 506 (600-1 3/8)		
CIRCLING	740-1 506 (600-1)		780-1 1/2 546 (600-1 1/2)	800-2 566 (600-2)	980-2 3/4 746 (800-2 3/4)

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

PLATTSBURGH, NEW YORK | AL-729 (FAA) | 19227

RNAV (GPS) RWY 35

PLATTSBURGH INTL (PBG)

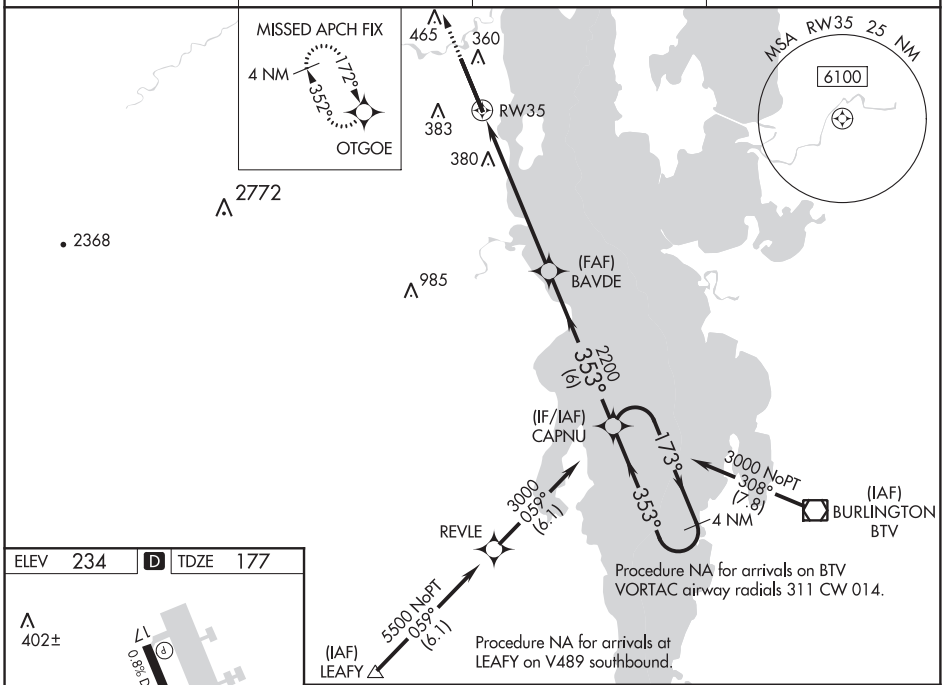
WAAS CH 78003 W35A	APP CRS 353°	Rwy ldg 11759	TDZE 177	Apt Elev 234

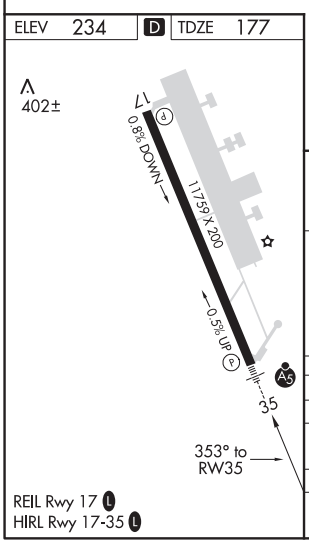
For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -18°C (0°F) or above 54°C (130°F). DME/DME RNP-0.3 NA. For inop MALSR, increase LPV and LNAV/VNAV all Cats visibility to ⅞ mile. For inop MALSR when using Burlington altimeter setting, increase LPV and LNAV/VNAV all Cats visibility to 1 mile. When local altimeter setting not received, use Burlington altimeter setting and increase all DA 54 feet and all MDA 60 feet; increase LPV and LNAV/VNAV all Cats visibility to ⅝ mile, LNAV Cats C, D visibility to 1¼ mile, and increase Circling Cats C/D visibility ¼ mile. VDP and Baro-VNAV NA when using Burlington Intl altimeter setting.

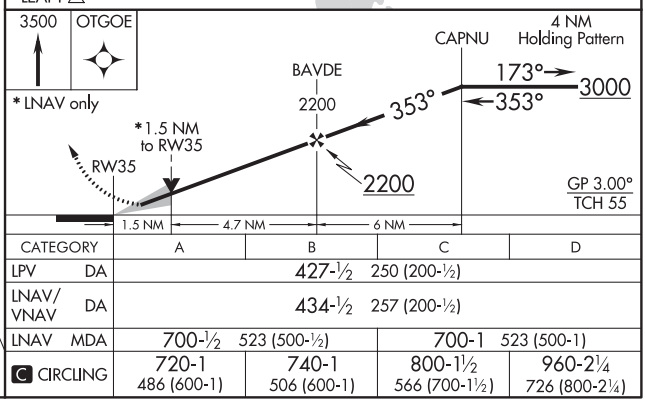
MALSR

MISSED APPROACH: Climb to 3500 direct OTGOE and hold, continue climb-in-hold to 3500.

ASOS	BURLINGTON APP CON ★	CLNC DEL	UNICOM
132.225	121.1 278.8	121.85	122.7 (CTAF) L





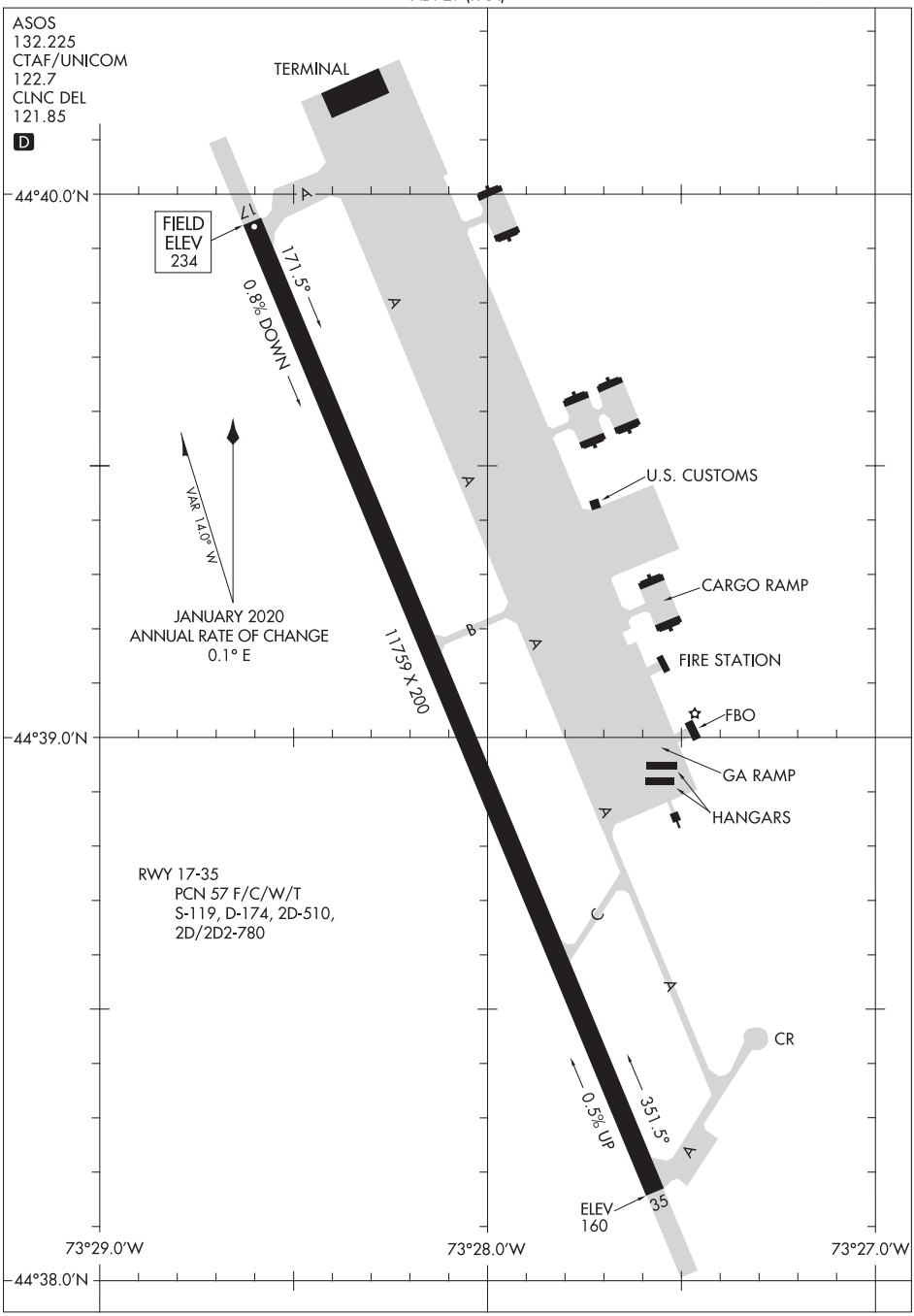


CATEGORY		A	B	C	D
LPV	DA	427-½ 250 (200-½)			
LNAV/VNAV	DA	434-½ 257 (200-½)			
LNAV	MDA	700-½ 523 (500-½)		700-1 523 (500-1)	
C CIRCLING		720-1 486 (600-1)	740-1 506 (600-1)	800-1½ 566 (700-1½)	960-2¼ 726 (800-2¼)

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

AL-729 (FAA)



NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

POTSDAM, NEW YORK | AL-5837 (FAA) | 19283

RNAV (GPS) RWY 24
POTSDAM MUNI/DAMON FIELD (PTD)

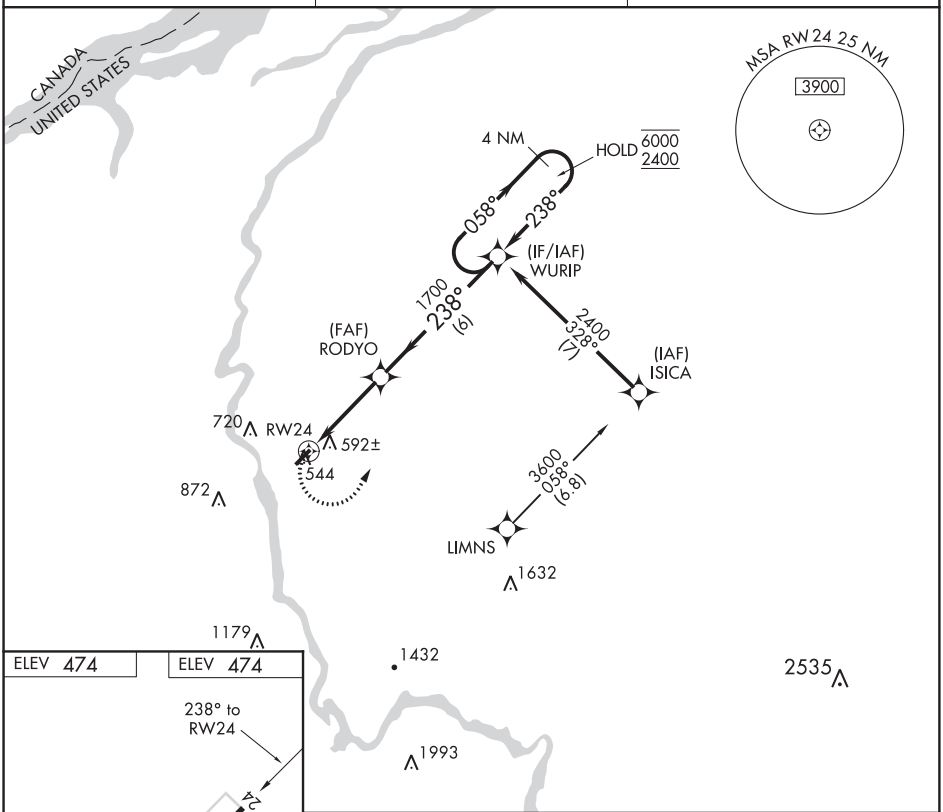
APP CRS	Rwy ldg	3703
238°	TDZE	474
	Apt Elev	474

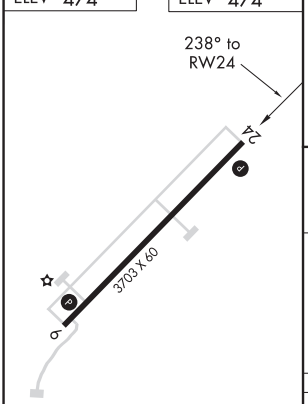
RNP APCH.

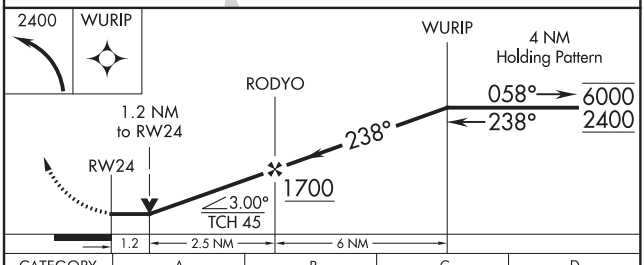
Rwy 24 helicopter visibility reduction below ¾ SM NA.

MISSED APPROACH: Climbing left turn to 2400 direct WURIP and hold.

AWOS-3P	BOSTON CENTER	UNICOM
118.325	135.25 377.1	122.8 (CTAF) L







CATEGORY	A	B	C	D
LNAV MDA	880-1 406 (500-1)		880-1⅛ 406 (500-1⅛)	NA
C CIRCLING	920-1 446 (500-1)	980-1 506 (600-1)	1040-1½ 566 (600-1½)	NA

REIL Rwys 6 and 24 L
MIRL Rwy 6-24 L

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

ILS or LOC RWY 6
HUDSON VALLEY RGNL (POU)

LOC I-POU	APP CRS	Rwy ldg	5001
111.3	063°	TDZE	156
		Apt Elev	164

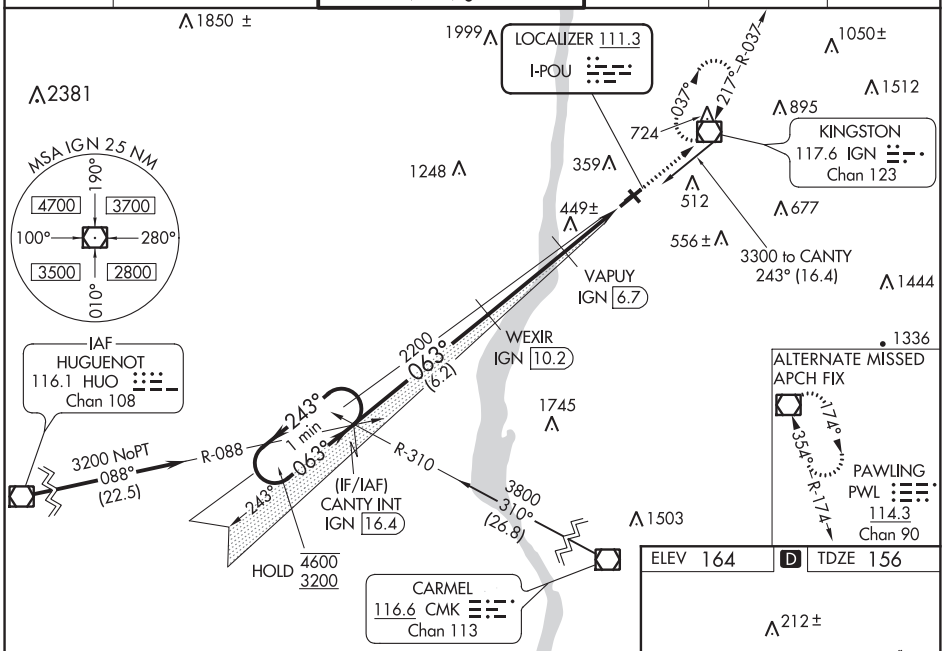
DME required for LOC only.

Circling NA to Rwys 7 and 25. Circling Rwy 15, 33 NA at night. Autopilot coupled approach NA below 580. Rwy 6 helicopter visibility reduction below ¾ SM NA. DME from IGN VOR/DME. Simultaneous reception of I-POU and IGN DME required. For inop ALS, increase S-LOC 6 Cats C/D visibility to 1⅜ SM. When local altimeter setting not received, use Montgomery altimeter setting: increase S-ILS 6 DA to 556; increase all MDA 80 feet and S-LOC 6 and Circling Cats C/D visibility ¼ SM. Inop table does not apply to S-ILS 6 all Cats and S-LOC 6 Cats A/B. For inop ALS when using Montgomery altimeter setting, increase S-ILS 6 all Cats visibility to 1⅛ SM and S-LOC 6 Cats C/D visibility to 1⅝ SM.

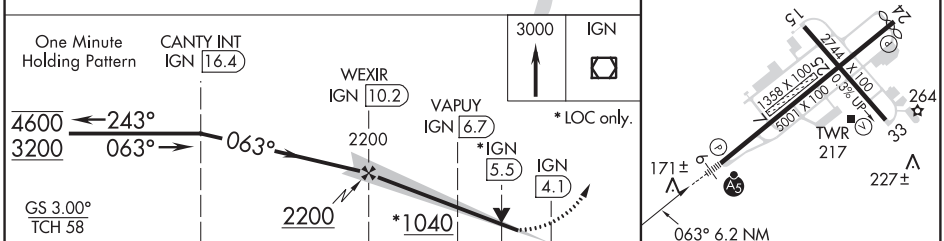
MALSR

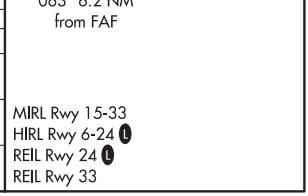
MISSED APPROACH: Climb to 3000 direct IGN VOR/DME and hold, continue climb-in-hold to 3000.

ATIS	NEW YORK APP CON	DUTCHESS COUNTY TOWER ★	GND CON	CLNC DEL	UNICOM
126.75	132.75 363.1	124.0 (CTAF) L 269.15	121.8	121.8	122.95



ELEV 164 D TDZE 156





CATEGORY	A	B	C	D
S-ILS 6	485-1 329 (400-1)			
S-LOC 6	640-1 484 (500-1)			
CIRCLING	760-1 596 (600-1)	840-1 676 (700-1)	840-2 676 (700-2)	840-2¼ 676 (700-2¼)

MIRL Rwy 15-33
HIRL Rwy 6-24 L
REIL Rwy 24 L
REIL Rwy 33

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

WAAS CH 42910 W06A	APP CRS 063°	Rwy ldg 5001 TDZE 156 Apt Elev 164

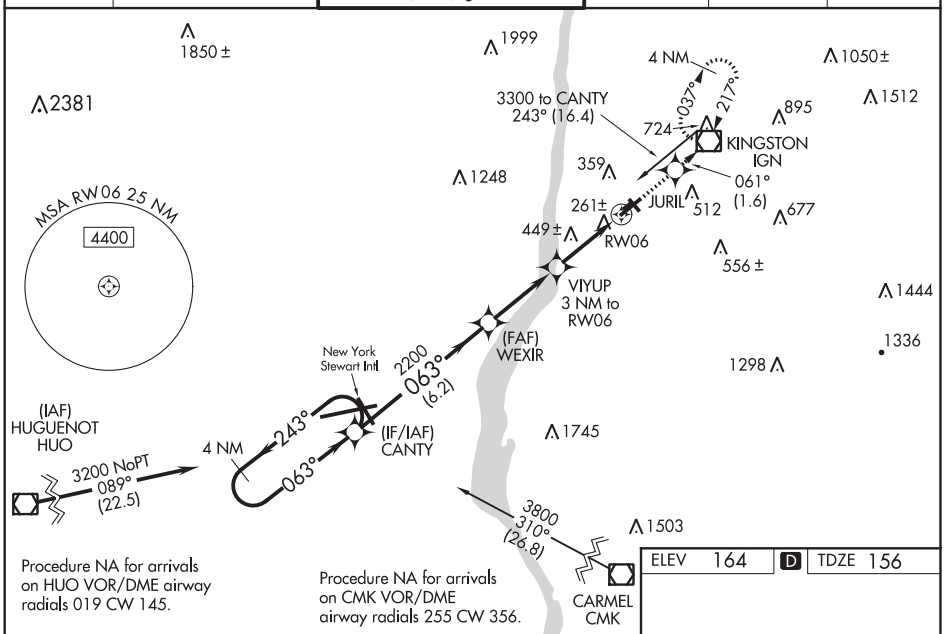
RNAV (GPS) RWY 6
HUDSON VALLEY RGNL (POU)

T A Circling NA to Rwys 7 and 25. Baro-VNAV NA when using Montgomery altimeter setting. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -15°C (5°F) or above 49°C (120°F). Circling Rwy 15, 33 NA at night. Rwy 6 helicopter visibility reduction below ¾ SM NA. Rwy 15, 33 helicopter visibility reduction below 1 SM NA. DME/DME RNP-0.3 NA. When local altimeter setting not received, use Montgomery altimeter setting: increase LPV DA to 574; increase LNAV/VNAV DA to 809 and all Cats visibility ¼ SM; increase all MDA 80 feet and LNAV Cats C/D and Circling Cats C/D visibility ¼ SM; inop table does not apply to LNAV Cats A/B; for inop ALS, increase LPV all Cats visibility to 1⅛ SM. For inop ALS when using Montgomery altimeter setting, increase LPV all Cats visibility to 1⅜ SM, LNAV/VNAV all Cats visibility to 2 SM and LNAV Cats C/D to 1⅞ SM.

MALSR A5

MISSED APPROACH: Climb to 3000 direct JURIL and on track 061° to IGN VOR/DME and hold, continue climb-in-hold to 3000.

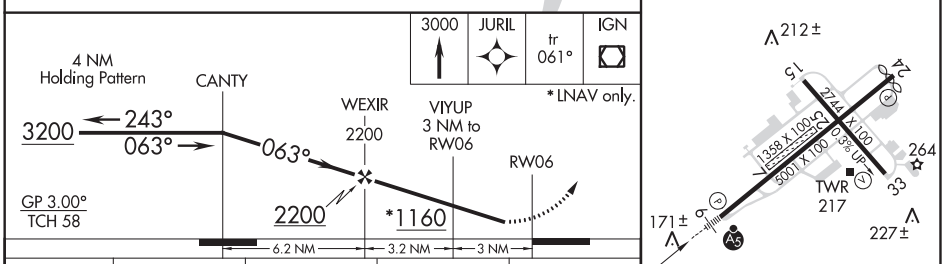
ATIS	NEW YORK APP CON	DUTCHESS COUNTY TOWER ★	GND CON	CLNC DEL	UNICOM
126.75	132.75 363.1	124.0 (CTAF) L 269.15	121.8	121.8	122.95



Procedure NA for arrivals on HUO VOR/DME airway radials 019 CW 145.

Procedure NA for arrivals on CMK VOR/DME airway radials 255 CW 356.

ELEV 164	D	TDZE 156



CATEGORY	A	B	C	D
LPV DA	503-1 347 (400-1)			
LNAV/VNAV DA	738-1½ 582 (600-1½)			
LNAV MDA	740-1 584 (600-1)		740-1¼ 584 (600-1¼)	
CIRCLING	760-1 596 (600-1)	840-1 676 (700-1)	840-2 676 (700-1)	840-2¼ 676 (700-2¼)

MIRL Rwy 15-33
HIRL Rwy 6-24 L
REIL Rwys 24 and 33 L

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

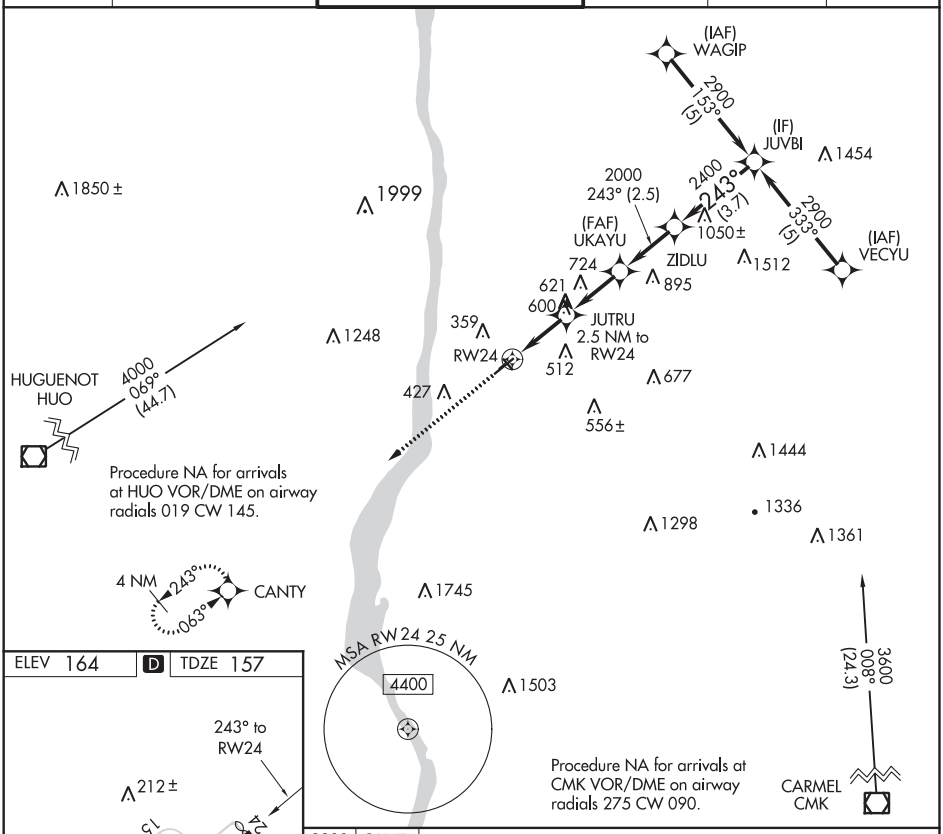
APP CRS	Rwy ldg	4886
243°	TDZE	157
	Apt Elev	164

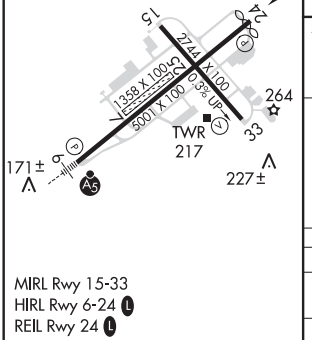
RNAV (GPS) RWY 24
HUDSON VALLEY RGNL (POU)

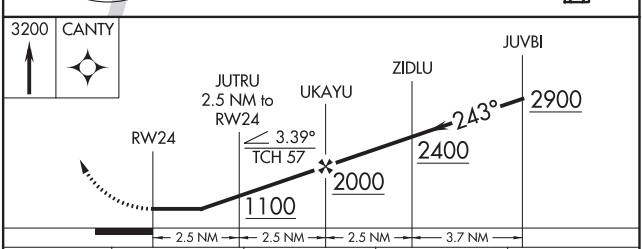
Circling NA to Rwys 7 and 25. Circling Rwy 15, 33 NA at night. Rwy 24 helicopter visibility reduction below ¾ SM NA. Rwy 15, 33 visibility reduction below 1 NA. DME/DME RNP-0.3 NA. When local altimeter setting not received, use Montgomery altimeter setting and increase all MDA 80 feet, and LNAV Cat C and Circling Cats A, C and D visibility ¼ mile.

MISSED APPROACH: Climb to 3200 direct CANTY and hold.

ATIS	NEW YORK APP CON	DUTCHESS COUNTY TOWER*	GND CON	CLNC DEL	UNICOM
126.75	132.75 363.1	124.0 (CTAF) L 269.15	121.8	121.8	122.95







CATEGORY	A	B	C	D
LNAV MDA	900-1 743 (800-1)	900-1¼ 743 (800-1¼)	900-2¼ 743 (800-2¼)	900-2½ 743 (800-2½)
CIRCLING	900-1 736 (800-1)	900-1¼ 736 (800-1¼)	900-2¼ 736 (800-2¼)	900-2½ 736 (800-2½)

MIRL Rwy 15-33
HIRL Rwy 6-24 L
REIL Rwy 24 L
REIL Rwy 33

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

POUGHKEEPSIE, NEW YORK

AL-286 (FAA)

19115

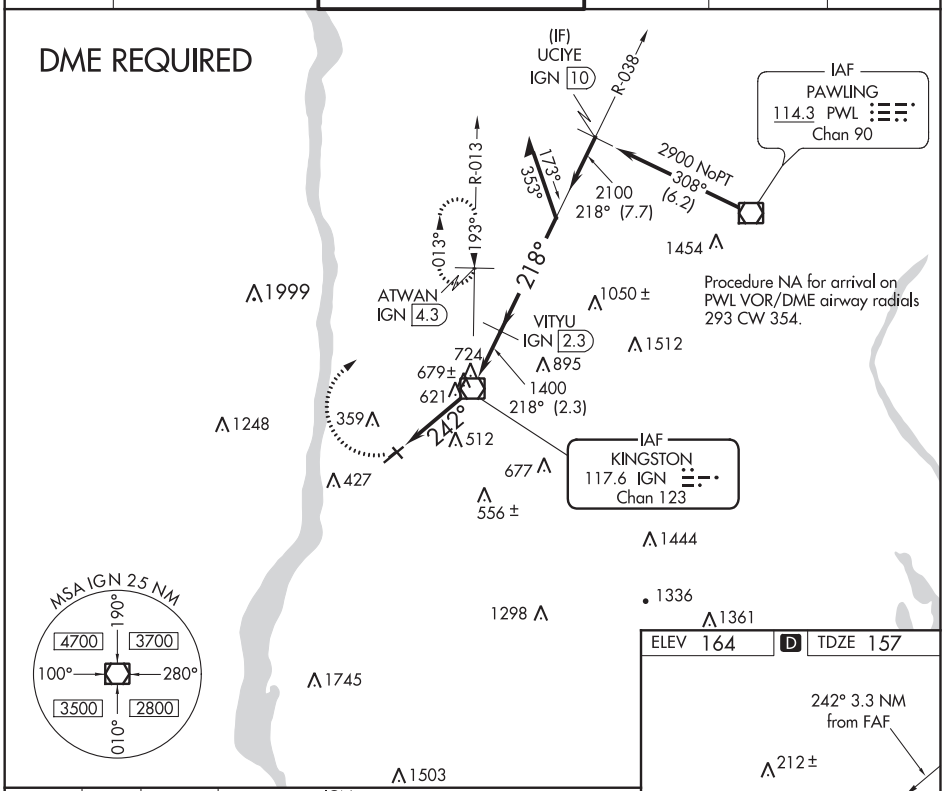
VOR RWY 24
HUDSON VALLEY RGNL (POU)

VOR/DME IGN 117.6 Chan 123	APP CRS 242°	Rwy ldg 4886 TDZE 157 Apt Elev 164

Circling NA to Rwys 7 and 25. Circling Rwy 15, 33 NA at night. Rwy 24 helicopter visibility reduction below ¾ SM NA. Rwy 15, 33 helicopter visibility reduction below 1 NA. DME required. When local altimeter setting not recieved, use Montgomery altimeter setting and increase all MDA 80 feet, and Circling Cat D visibility ¼ mile.

MISSED APPROACH: Climbing right turn to 3000 on heading 064° and IGN VOR/DME R-013 to ATWAN/4.3 DME and hold, continue climb-in-hold to 3000.

ATIS	NEW YORK APP CON	DUTCHESS COUNTY TOWER ★	GND CON	CLNC DEL	UNICOM
126.75	132.75 363.1	124.0 (CTAF) L 269.15	121.8	121.8	122.95



CATEGORY	A	B	C	D
S-24	940-1 783 (800-1)	940-1¼ 783 (800-1¼)	940-2½	783 (800-2½)
CIRCLING	940-1 776 (800-1)	940-1¼ 776 (800-1¼)	940-2½	776 (800-2½)

MIRL Rwy 15-33
HIRL Rwy 6-24 L
REIL Rwy 24 L
REIL Rwy 33

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

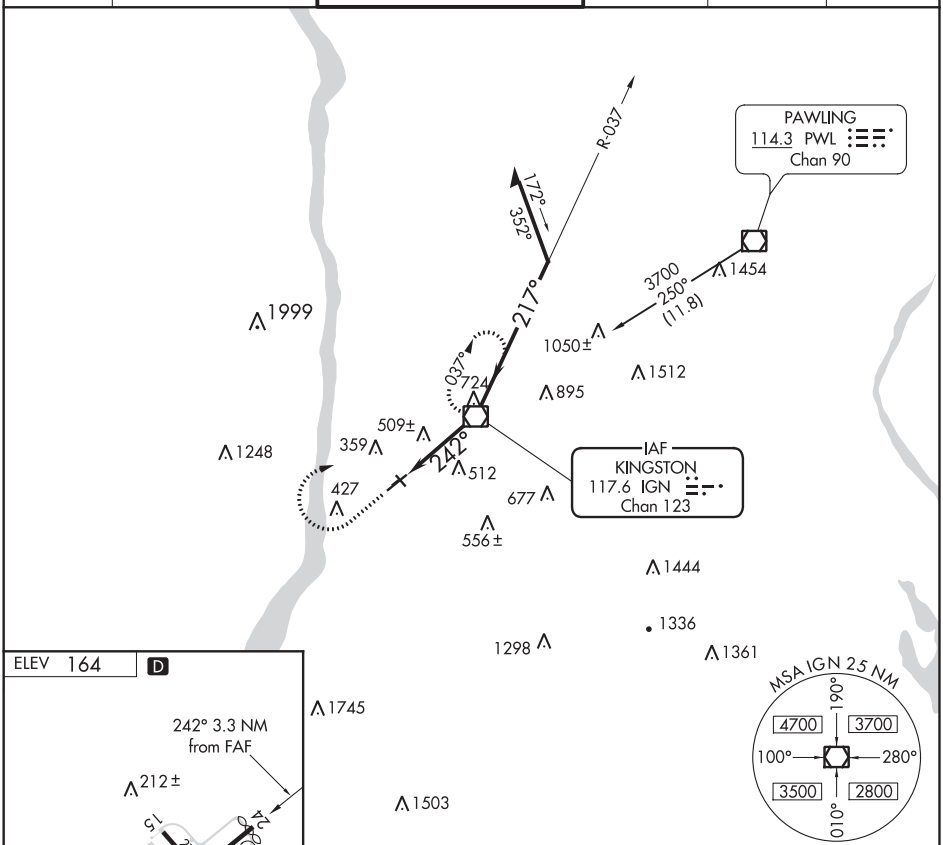
VOR-A
HUDSON VALLEY RGNL (POU)

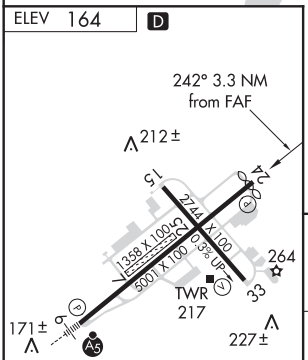
VOR/DME IGN	APP CRS	Rwy ldg	N/A
117.6	242°	TDZE	N/A
Chan 123		Apt Elev	164

Circling NA to Rwys 7 and 25. Circling Rwy 15, 33 NA at night. Rwy 15, 33 helicopter visibility reduction below 1 SM NA. When local altimeter setting not received, use Montgomery altimeter setting and increase all MDA 80 feet and Cats C/D visibility ¼ mile.

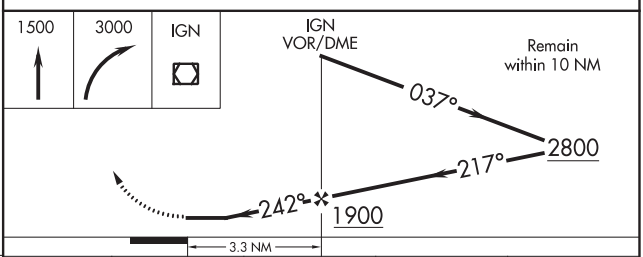
MISSED APPROACH: Climb to 1500 then climbing right turn to 3000 direct IGN VOR/DME and hold, continue climb-in-hold to 3000.

ATIS	NEW YORK APP CON		DUTCHESS COUNTY TOWER*		GND CON	CLNC DEL	UNICOM
126.75	132.75	363.1	124.0 (CTAF) L	269.15	121.8	121.8	122.95





MIRL Rwy 15-33
HIRL Rwy 6-24 L
REIL Rwy 24 L
REIL Rwy 33



FAF to MAP 3.3 NM					
Knots	60	90	120	150	180
Min:Sec	3:18	2:12	1:39	1:19	1:06

CATEGORY	A	B	C	D
CIRCLING	760-1 596 (600-1)	840-1 676 (700-1)	840-2 676 (700-2)	840-2¼ 676 (700-2¼)

NE-2, 10 SEP 2020 to 05 NOV 2020
NE-2, 10 SEP 2020 to 05 NOV 2020

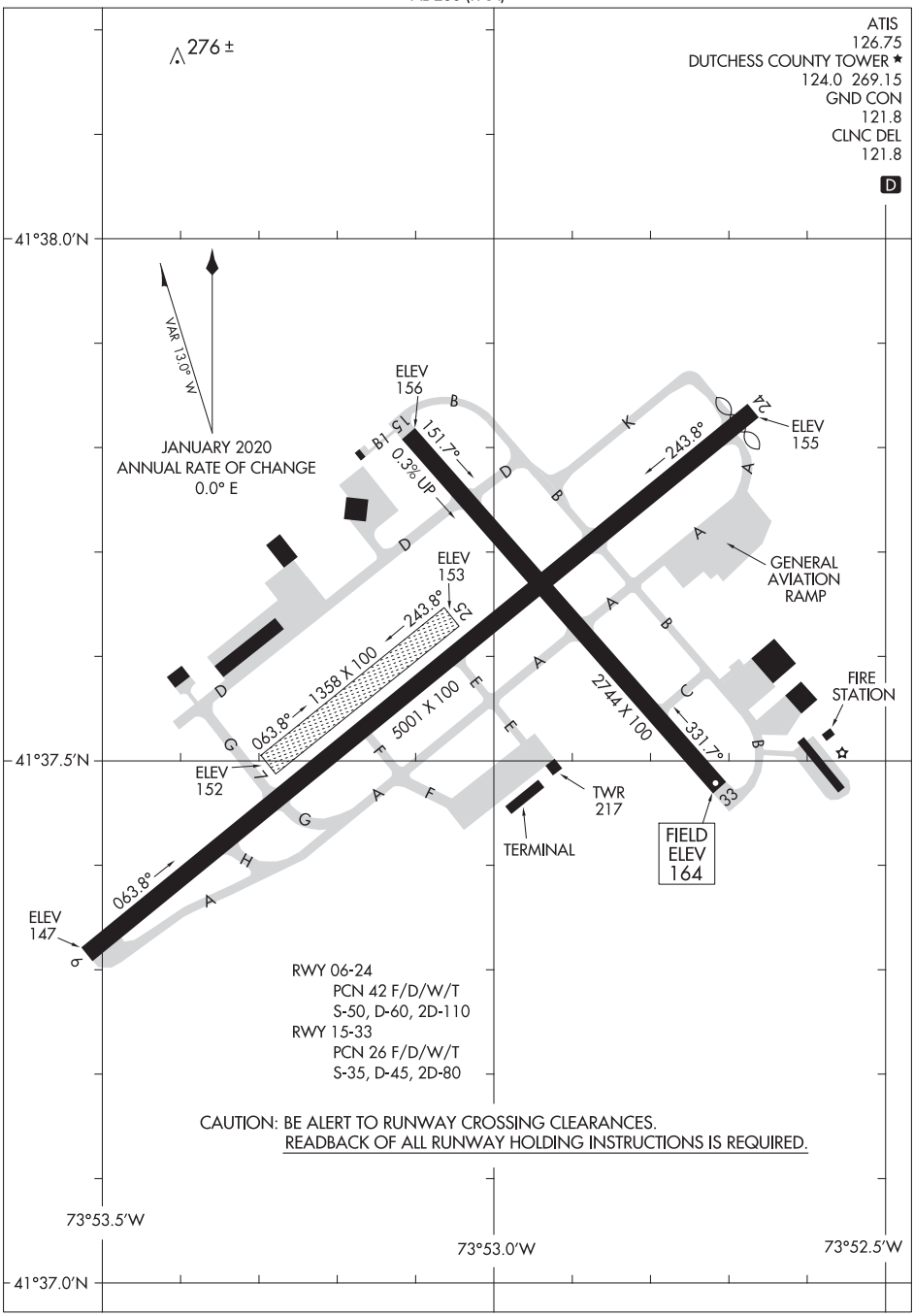
20254

AIRPORT DIAGRAM

AL-286 (FAA)

HUDSON VALLEY RGNL (POU)

POUGHKEEPSIE, NEW YORK



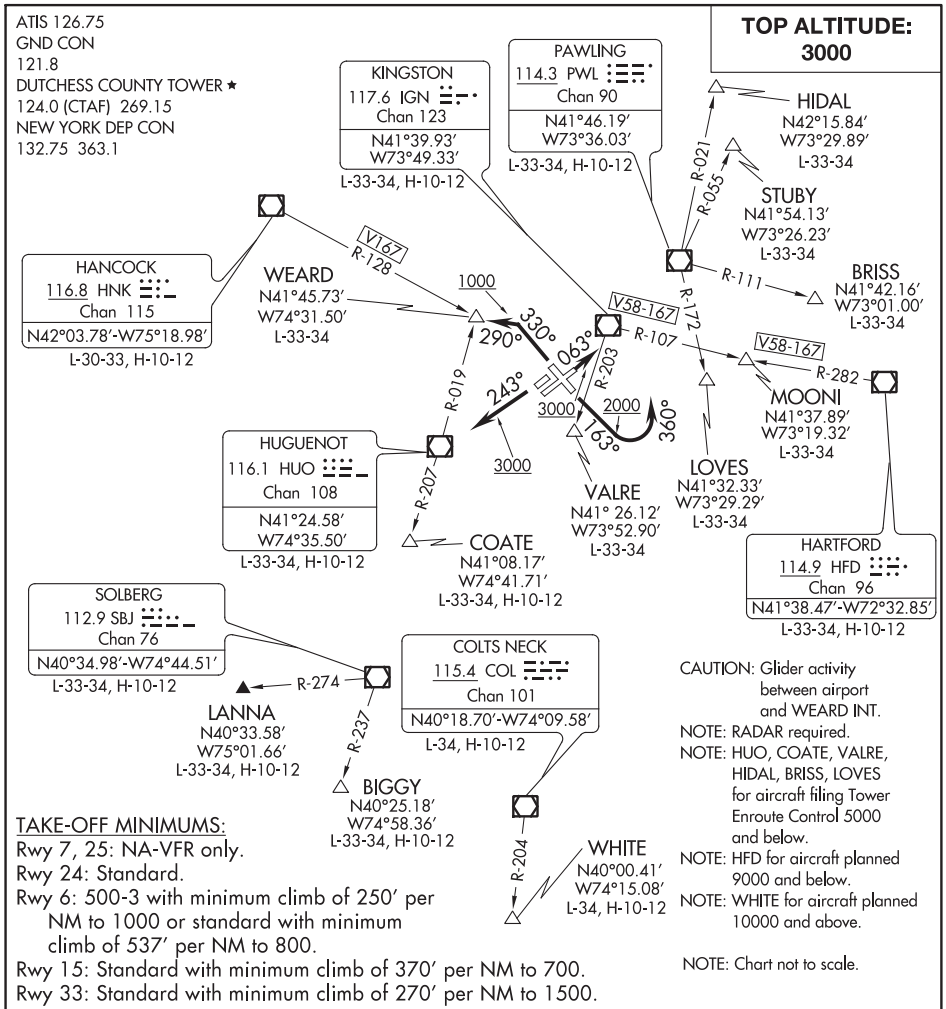
NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

AIRPORT DIAGRAM
20254
POUGHKEEPSIE, NEW YORK
HUDSON VALLEY RGNL (POU)

DUTCHESS EIGHT DEPARTURE

AL-286 (FAA)



DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 6: Climb heading 063° to 3000, thence. . . .
TAKEOFF RUNWAY 15: Climb heading 163° to 2000, then turn left heading 360°, maintain 3000, thence. . . .
TAKEOFF RUNWAY 24: Climb heading 243° to 3000, thence. . . .
TAKEOFF RUNWAY 33: Climb heading 330° to 1000, then turn left heading 290°, maintain 3000, thence. . . .
. . . . via radar vectors to assigned Route/Fix, expect clearance to filed altitude/flight level within ten (10) minutes after departure.
LOST COMMUNICATIONS: If radio contact is not established/lost within 2 minutes after departure, proceed on course and climb to 5000. Ten minutes after departure, climb to filed altitude/flight level.

PRINCETON/ROCKY HILL, NEW JERSEY AL-5374 (FAA) 20142

WAAS CH 86843 W10A	APP CRS 102°	Rwy ldg 3499 TDZE 128 Apt Elev 128

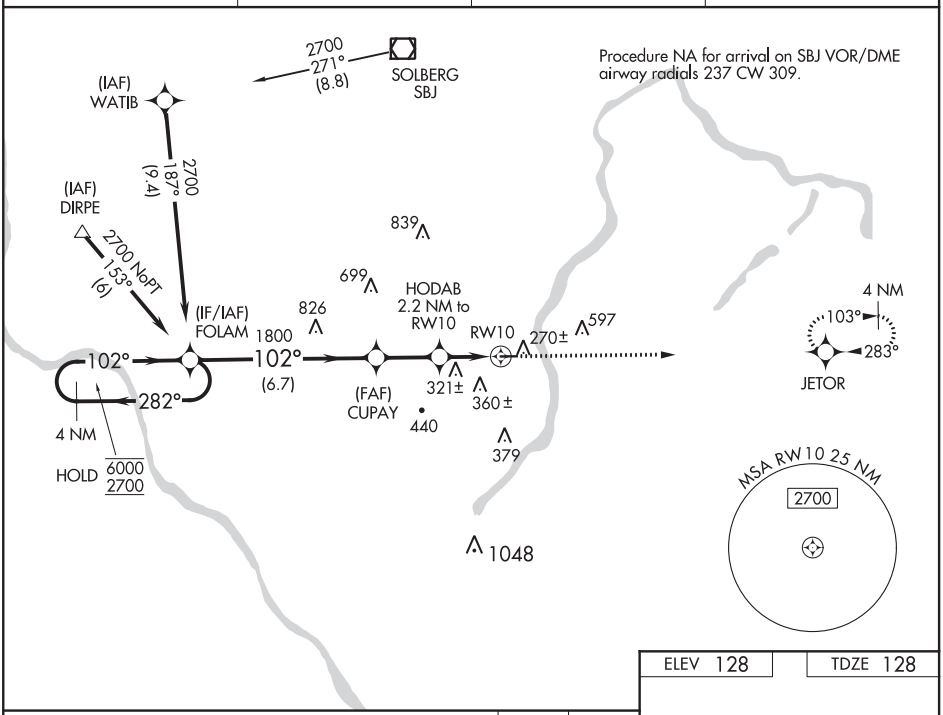
RNAV (GPS) RWY 10
PRINCETON (39N)

RNP APCH.

NA — Rwy 10 helicopter visibility reduction below 1 SM NA. Baro-VNAV NA. Procedure NA at night. Use Trenton altimeter setting.

MISSED APPROACH: Climb to 2700 direct JETOR and hold.

TTN ASOS	NEW YORK APP CON	UNICOM	
126.775	132.8 379.9	122.725 (CTAF)	123.05 L

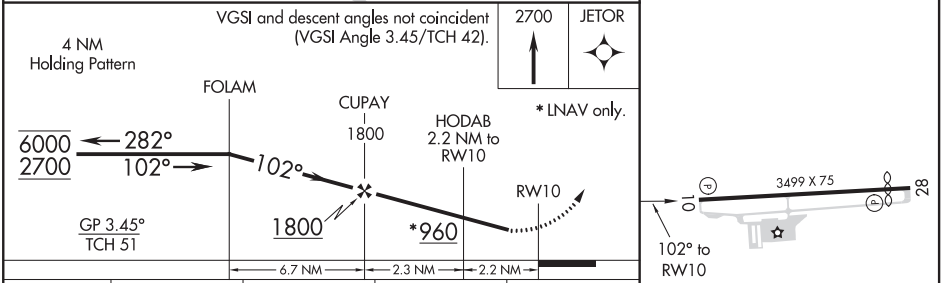


NE-2, 10 SEP 2020 to 05 NOV 2020

ELEV 128 | TDZE 128

VGSI and descent angles not coincident (VGSI Angle 3.45/TCH 42).

2700	JETOR



CATEGORY	A	B	C	D
LPV DA	441-1 313 (400-1)			
LNAV/VNAV DA	533-1⅛ 405 (500-1⅛)			
LNAV MDA	580-1 452 (500-1)		580-1⅜ 452 (500-1⅜)	
C CIRCLING	760-1 632 (700-1)	840-1 712 (800-1)	940-2½ 812 (900-2½)	1000-2¾ 872 (900-2¾)

MIRL Rwy 10-28 L
REIL Rwy 10 L

APP CRS	Rwy ldg	3130
282°	TDZE	128
	Apt Elev	128

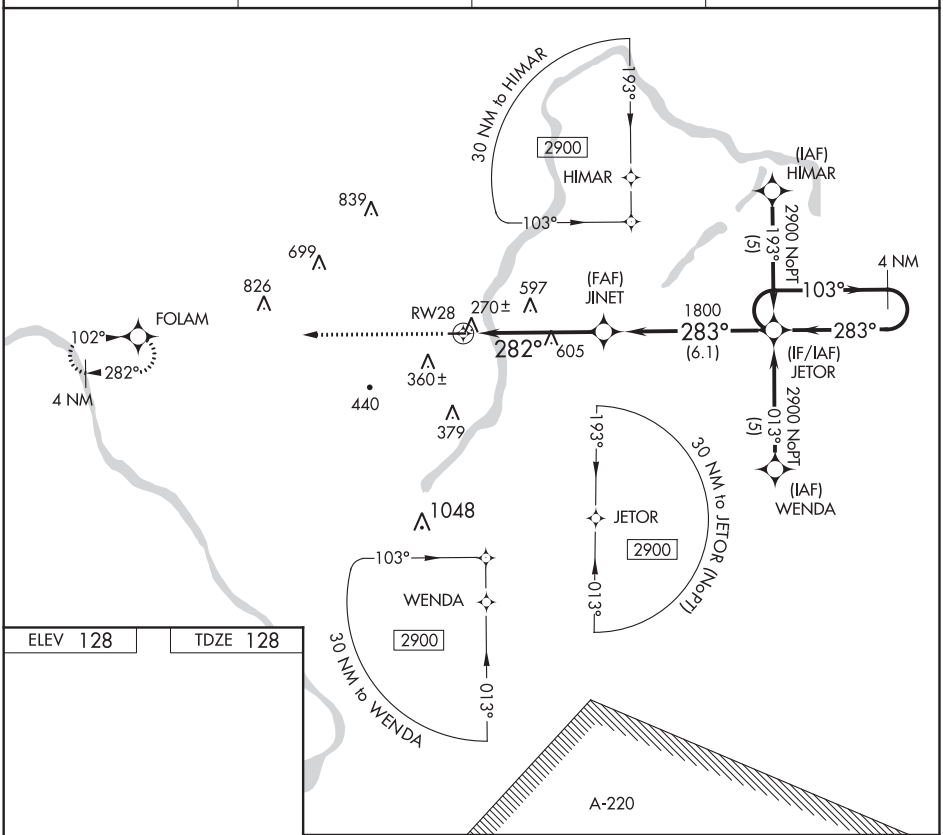
RNAV (GPS) RWY 28
PRINCETON (39N)

RNP APCH.

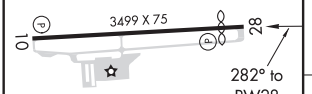
NA Use Trenton Mercer altimeter setting, if not received use Somerset altimeter setting. Procedure NA at night. Rwy 28 helicopter visibility reduction below 1 SM NA.

MISSED APPROACH: Climb to 2700 direct FOLAM and hold.

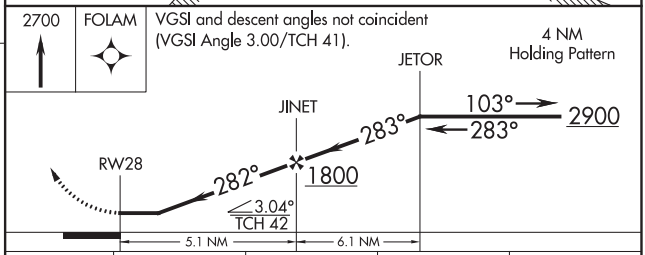
TTN ASOS	NEW YORK APP CON	UNICOM	
126.775	132.8 379.9	122.725 (CTAF)	123.05 L



ELEV 128	TDZE 128



MIRL Rwy 10-28 L
REIL Rwy 10 L



CATEGORY	A	B	C	D
LNAV MDA	900-1 772 (800-1)	900-1¼ 772 (800-1¼)	900-2¼ 772 (800-2¼)	NA

NE-2, 10 SEP 2020 to 05 NOV 2020

PRINCETON/ROCKY HILL, NEW JERSEY AL-5374 (FAA) 20086

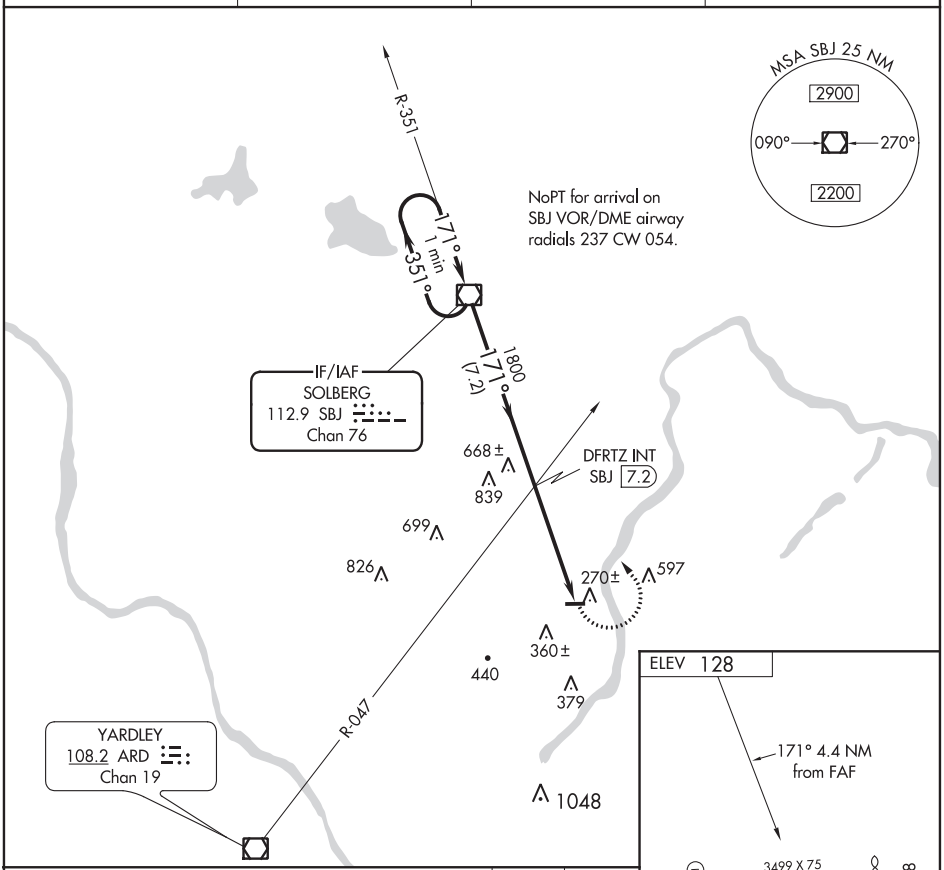
VOR-A
PRINCETON (39N)

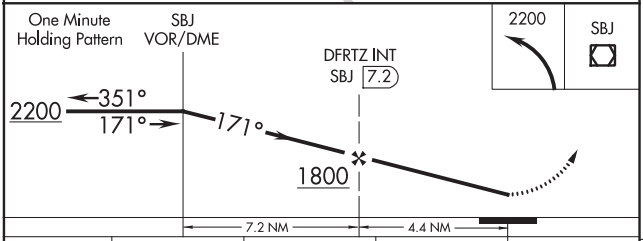
VOR/DME SBJ	APP CRS	Rwy ldg	N/A
112.9	171°	TDZE	N/A
Chan 76		Apt Elev	128

Use Trenton Mercer altimeter setting, if not received use Somerset altimeter setting. Procedure NA at night. Helicopter visibility reduction below 1 SM NA.

MISSED APPROACH: Climbing left turn to 2200 direct SBJ VOR/DME and hold.

TTN ASOS	NEW YORK APP CON	UNICOM	
126.775	132.8 379.9	122.725 (CTAF)	123.05 L





CATEGORY	A	B	C	D
CIRCLING	960-1 832 (900-1)	960-1¼ 832 (900-1¼)	NA	

FAF to MAP 4.4 NM					
Knots	60	90	120	150	180
Min:Sec	4:24	2:56	2:12	1:46	1:28

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

PRINCETON ONE DEPARTURE

TOP ALTITUDE: 2000

NEW YORK DEP CON
132.8 379.9
UNICOM
122.725

ELIOT
N40°49.11′
W75°07.81′
L-33-34, H-10-12

SOLBERG
112.9 SBJ
Chan 76
N40°34.98′-W74°44.51′
L-33-34, H-10-12

LANNA
N40°33.58′
W75°01.66′
L-33-34, H-10-12

320°

320°

280°

102°

800

800

YARDLEY
108.2 ARD
Chan 19
N40°15.20′-W74°54.46′
L-34, H-10-12

ROBBINSVILLE
113.8 RBV
Chan 85
N40°12.14′-W74°29.70′
L-34, H-10-12

ZUBAX
N40°08.41′
W74°59.95′
L-34, H-10-12

MC GUIRE
110.6 GXU
Chan 43
N40°00.57′-W74°35.79′
L-34, H-10-12

TAKEOFF MINIMUMS:
Rwy 28: Standard.
Rwy 10: 400-2¼ or Standard with minimum climb of 310′ per NM to 700.

NOTE: RADAR required.

Note: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RWY 10: Climb on heading 102° to 800 then climbing left turn to heading 320°, thence . . . .

TAKEOFF RWY 28: Climb on heading 280° to 800 then climbing right turn to heading 320°, thence . . . .

. . . . for vectors to assigned route/fix. Maintain 2000, expect clearance to filed altitude/flight level ten (10) minutes after departure.

NE-2, 10 SEP 2020 to 05 NOV 2020

READINGTON, NEW JERSEY | AL-5075 (FAA) | 19115

APP CRS	Rwy ldg	4297
039°	TDZE	179
	Apt Elev	195

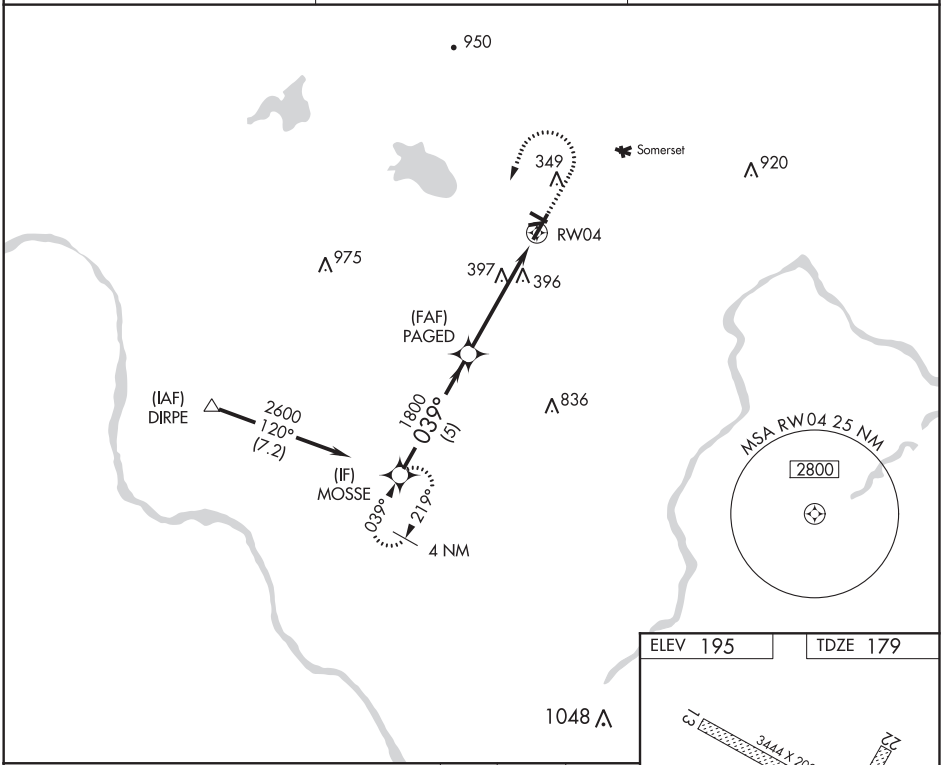
RNAV (GPS) RWY 4
SOLBERG-HUNTERDON (N51)

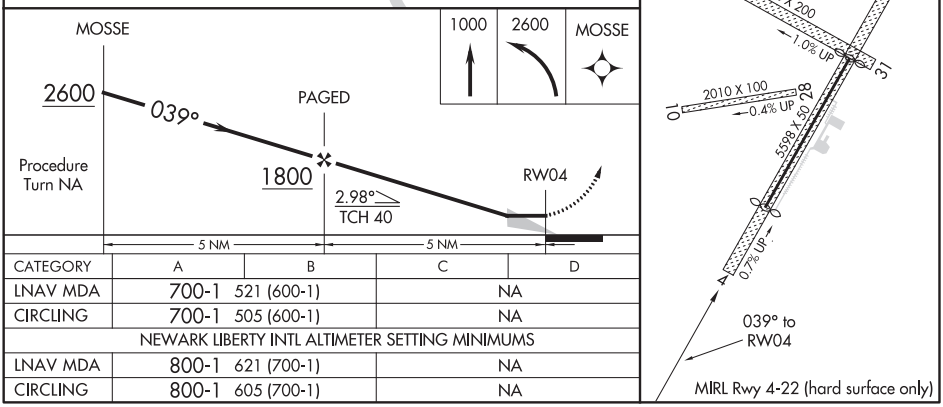
NA

Obtain local altimeter setting on CTAF, when not received, use Newark Liberty Intl altimeter setting. DME/DME RNP-0.3 NA. Circling NA to Rwys 10-28 and 13-31. Rwy 4 helicopter visibility reduction below ¾ SM NA.

MISSED APPROACH: Climb to 1000, then climbing left turn to 2600 direct MOSSE WP and hold.

NEW YORK APP CON	GCO	UNICOM
132.8 379.9	121.725	122.8 (CTAF)





CATEGORY	A	B	C	D
LNAV MDA	700-1 521 (600-1)		NA	
CIRCLING	700-1 505 (600-1)		NA	
NEWARK LIBERTY INTL ALTIMETER SETTING MINIMUMS				
LNAV MDA	800-1 621 (700-1)		NA	
CIRCLING	800-1 605 (700-1)		NA	

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

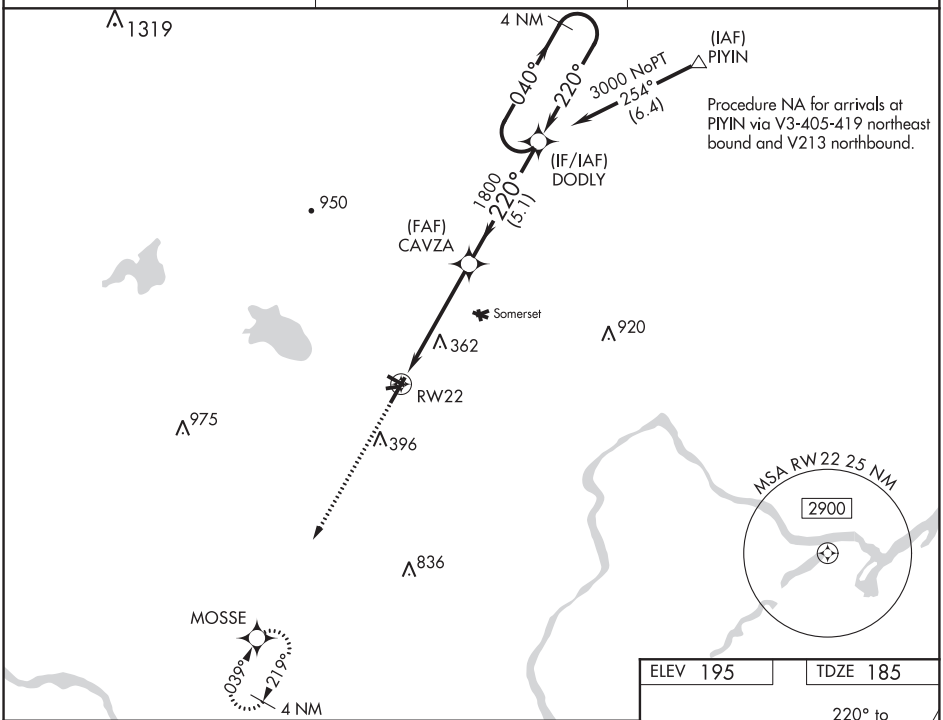
RNAV (GPS) RWY 22
SOLBERG-HUNTERDON (N51)

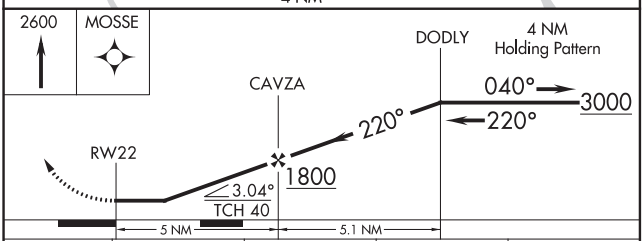
APP CRS	Rwy ldg	4298
220°	TDZE	185
	Apt Elev	195

DME/DME RNP-0.3 NA. Circling NA to Rwys 10-28 and 13-31. Rwy 22 helicopter visibility reduction below ¾ SM NA. Obtain local altimeter setting on CTAF; when not received use Newark Liberty Intl altimeter setting.

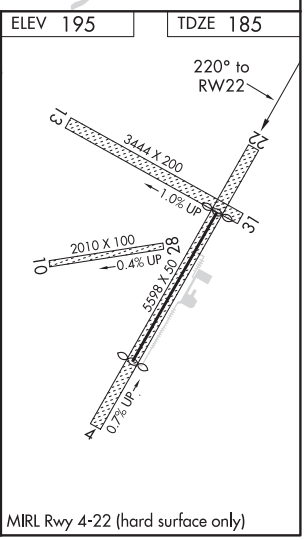
MISSED APPROACH: Climb to 2600 direct MOSSE and hold.

NEW YORK APP CON	GCO	UNICOM
132.8 379.9	121.725	122.8 (CTAF)





CATEGORY	A	B	C	D
LNAV MDA	620-1 435 (500-1)		NA	
CIRCLING	680-1 485 (500-1)		NA	
NEWARK LIBERTY INTL ALTIMETER SETTING MINIMUMS				
LNAV MDA	700-1 515 (600-1)		NA	
CIRCLING	780-1 585 (600-1)		NA	



NE-2, 10 SEP 2020 to 05 NOV 2020
NE-2, 10 SEP 2020 to 05 NOV 2020

READINGTON, NEW JERSEY AL-5075 (FAA) 19115

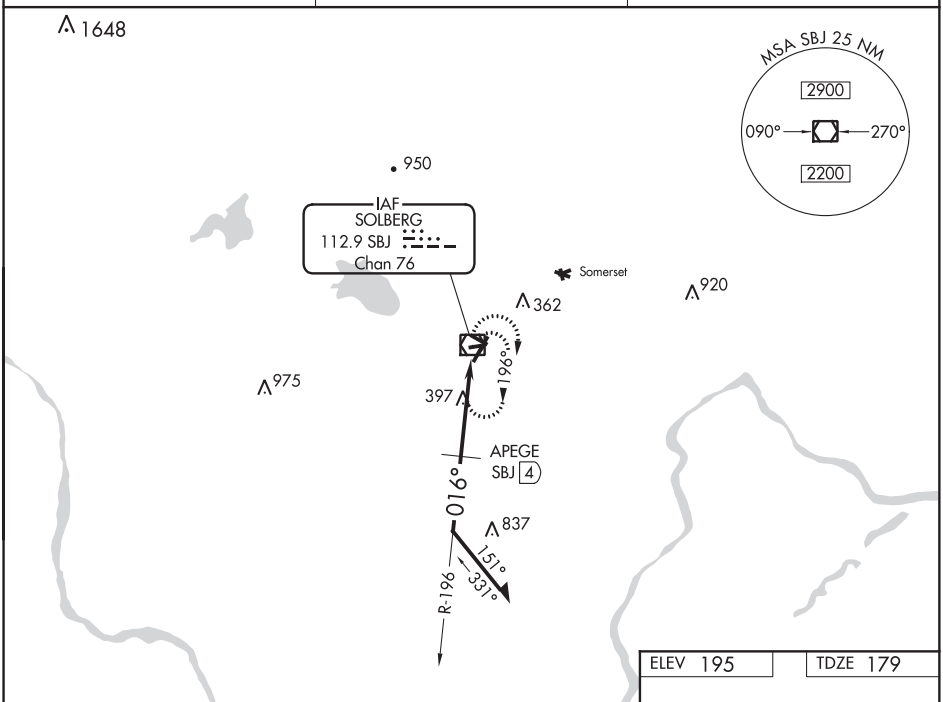
VOR RWY 4
SOLBERG-HUNTERDON (N51)

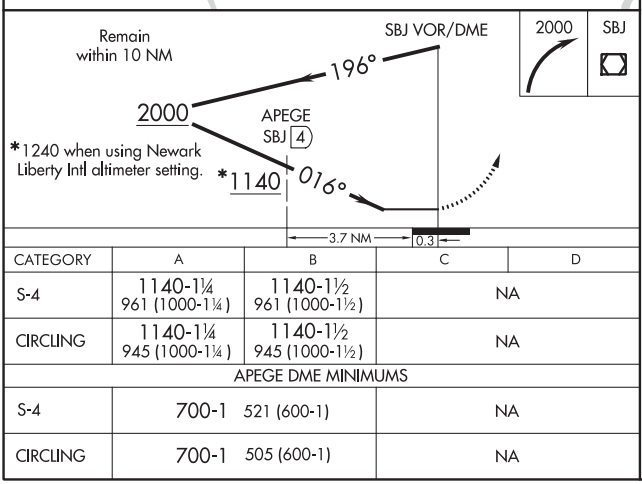
VOR/DME SBJ	APP CRS	Rwy ldg	4297
112.9	016°	TDZE	179
Chan 76		Apt Elev	195

Obtain local altimeter setting on CTAF, when not received, use Newark Liberty Intl altimeter setting and increase all MDAs 100 feet. Circling NA to Rwys 10-28 and 13-31. Rwy 4 helicopter visibility reduction below ¾ SM NA.

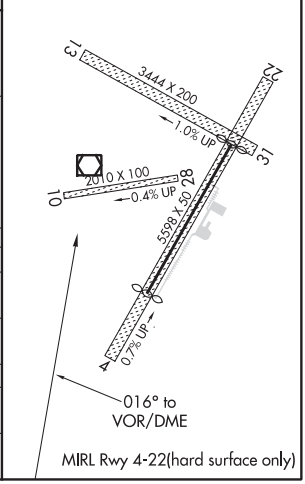
MISSED APPROACH: Climbing right turn to 2000 in SBJ VOR/DME holding pattern and hold.

NEW YORK APP CON	GCO	UNICOM
132.8 379.9	121.725	122.8 (CTAF)





CATEGORY	A	B	C	D
S-4	1140-1¼ 961 (1000-1¼)	1140-1½ 961 (1000-1½)	NA	
CIRCLING	1140-1¼ 945 (1000-1¼)	1140-1½ 945 (1000-1½)	NA	
APEGE DME MINIMUMS				
S-4	700-1 521 (600-1)		NA	
CIRCLING	700-1 505 (600-1)		NA	



NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

APP CRS	Rwy ldg	3877
108°	TDZE	118
	Apt Elev	118

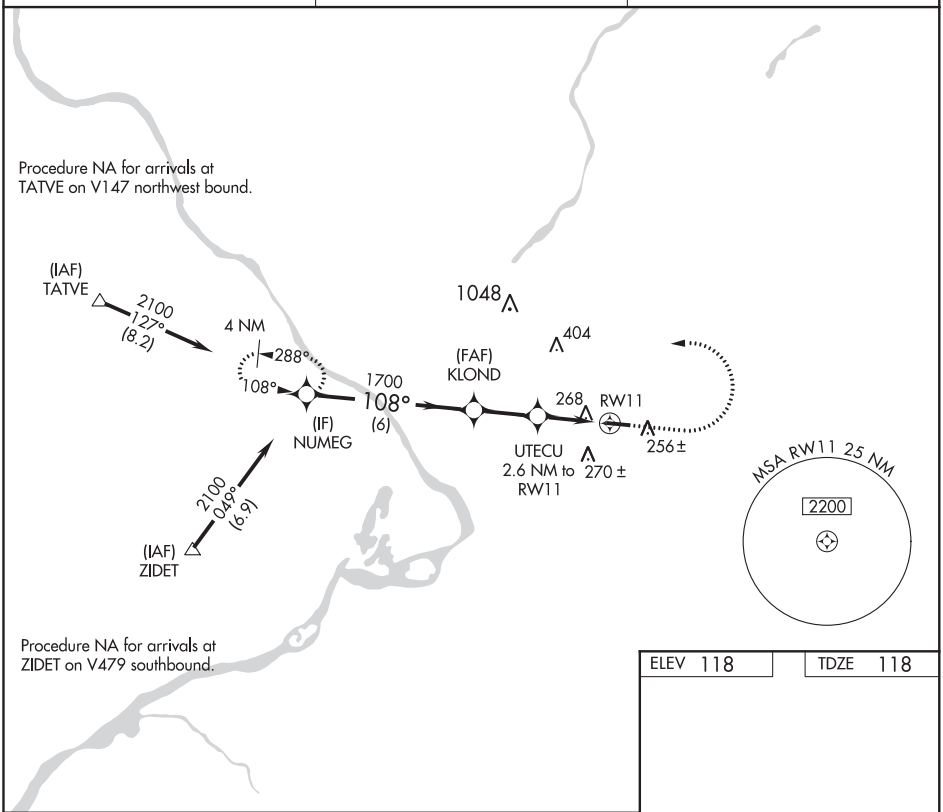
RNAV (GPS) RWY 11
TRENTON-ROBBINSVILLE (N87)

RNP APCH.

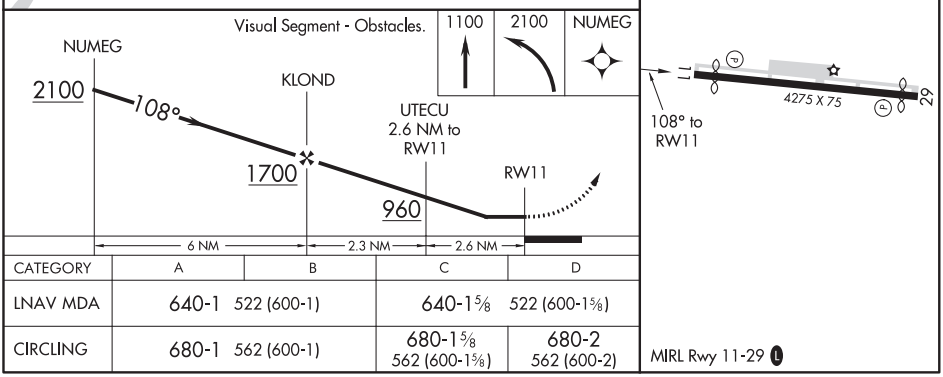
T NA Procedure NA at night. Rwy 11 helicopter visibility reduction below 1 SM NA. Use Wrightstown altimeter setting.

MISSED APPROACH: Climb to 1100, then climbing left turn to 2100 direct NUMEG and hold.

MC GUIRE APP CON	UNICOM	
126.475 363.8	123.0 (CTAF)	123.3 L



ELEV 118	TDZE 118



CATEGORY	A	B	C	D
LNAV MDA	640-1 522 (600-1)		640-1⅝ 522 (600-1⅝)	
CIRCLING	680-1 562 (600-1)		680-1⅝ 562 (600-1⅝)	680-2 562 (600-2)

MIRL Rwy 11-29 L

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

ROBBINSVILLE, NEW JERSEY | AL-5045 (FAA) | 20198

RNAV (GPS) RWY 29
TRENTON-ROBBINSVILLE (N87)

APP CRS	Rwy ldg	3975
289°	TDZE	118
	Apt Elev	118

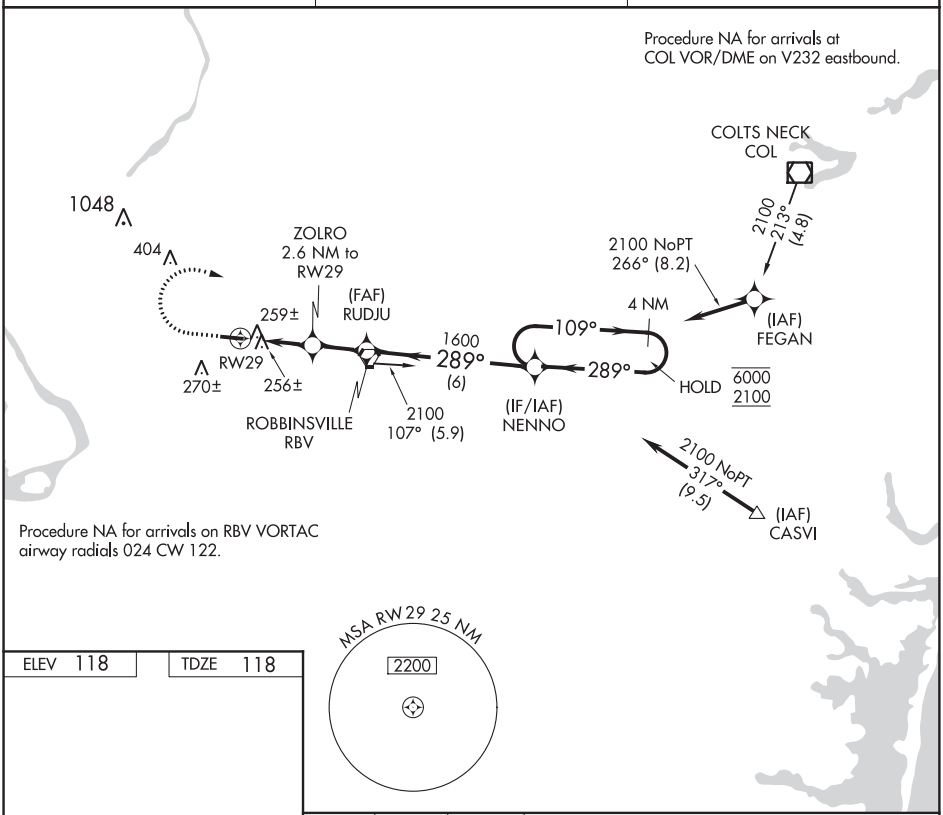
RNP APCH.

Procedure NA at night. Rwy 29 helicopter visibility reduction below 1 SM NA. Use Wrightstown altimeter setting.

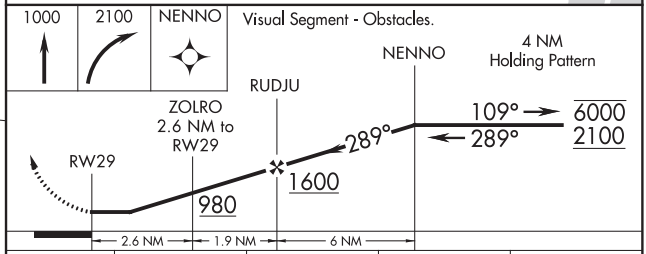
NA

MISSED APPROACH: Climb to 1000, then climbing right turn to 2100 direct NENNO and hold.

MC GUIRE APP CON	UNICOM	
126.475 363.8	123.0 (CTAF)	123.3 (L)



ELEV 118	TDZE 118



CATEGORY	A	B	C	D
LNAV MDA	540-1 422 (500-1)		540-1¼ 422 (500-1¼)	
CIRCLING	680-1 562 (600-1)		680-1½ 562 (600-1½)	680-2 562 (600-2)

MIRL Rwy 11-29 (L)

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

VORTAC RBV	APP CRS	Rwy ldg	3975
113.8	288°	TDZE	118
Chan 85		Apt Elev	118

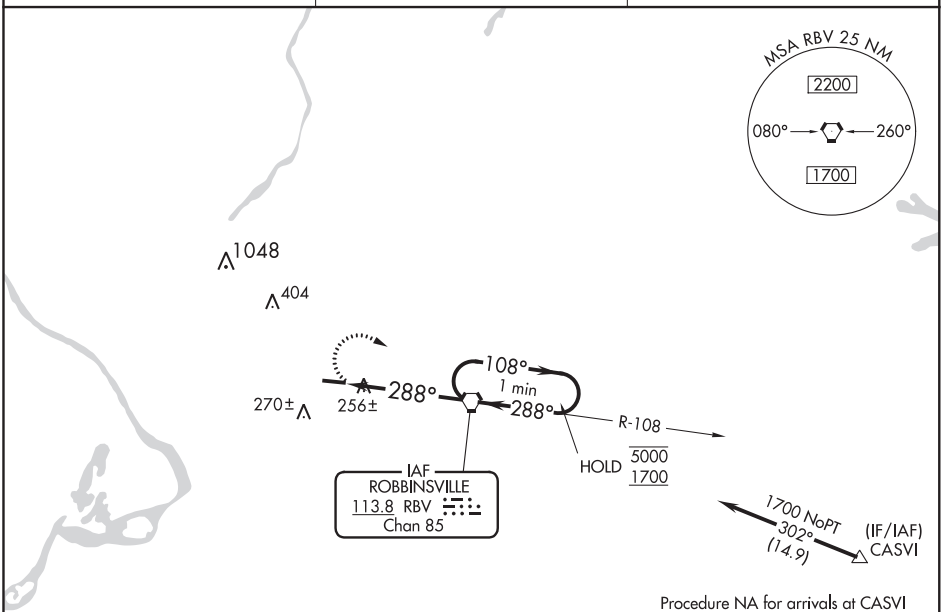
VOR RWY 29

TRENTON-ROBBINSVILLE (N87)

Procedure NA at night.
NA Rwy 29 helicopter visibility reduction below 1 SM NA.
Use Wrightstown altimeter setting.

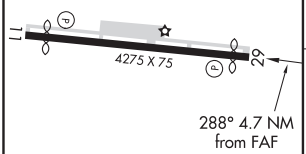
MISSED APPROACH: Climbing right turn to 1700 direct RBV VORTAC and hold.

MC GUIRE APP CON	UNICOM	
126.475 363.8	123.0 (CTAF)	123.3 L



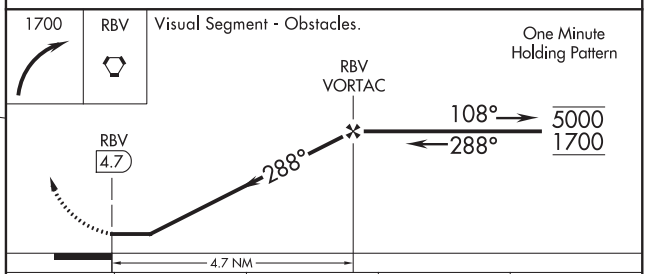
Procedure NA for arrivals at CASVI on V276 southeast bound.

ELEV 118 TDZE 118



MIRL Rwy 11-29 L

FAF to MAP 4.7 NM					
Knots	60	90	120	150	180
Min:Sec	4:42	3:08	2:21	1:53	1:34



CATEGORY	A	B	C	D
S-29	620-1 502 (600-1)		620-1 3/8 502 (600-1 3/8)	
CIRCLING	680-1 562 (600-1)		680-1 1/2 562 (600-1 1/2)	680-2 562 (600-2)

NE-2, 10 SEP 2020 to 05 NOV 2020
NE-2, 10 SEP 2020 to 05 NOV 2020

ROCHESTER, NEW YORK

AL-351 (FAA)

19171

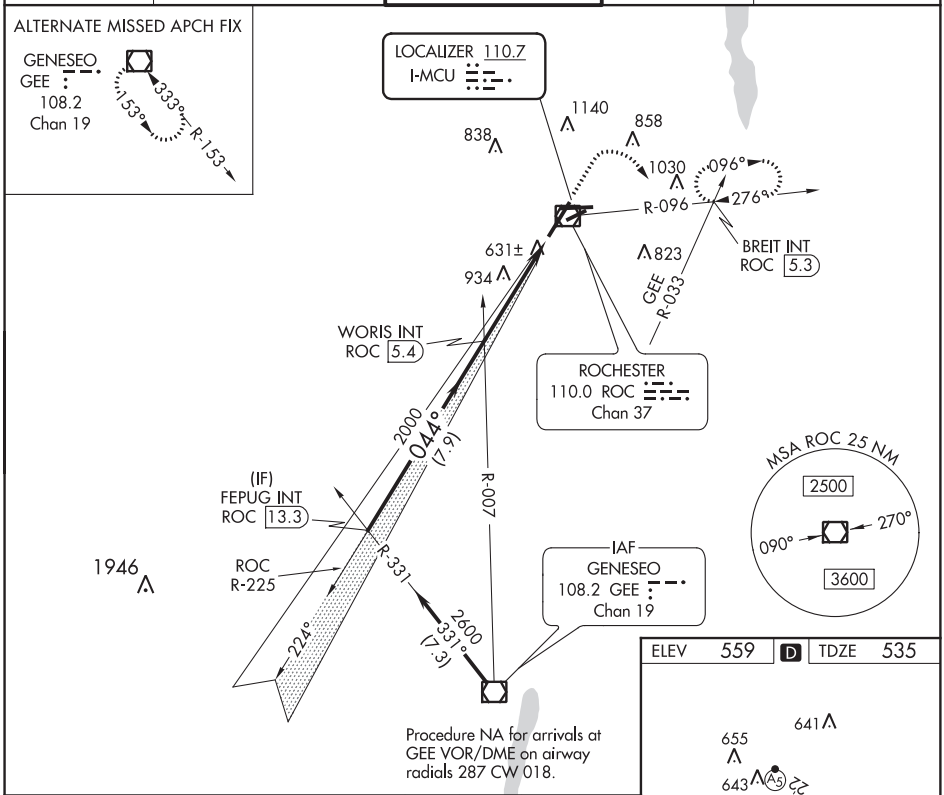
ILS or LOC RWY 4
GREATER ROCHESTER INTL (ROC)

LOC I-MCU	APP CRS	Rwy ldg / TDZE / Apt Elev
110.7	044°	8001 / 535 / 559

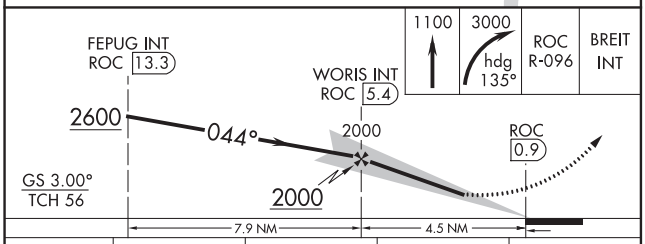
ALSF-2

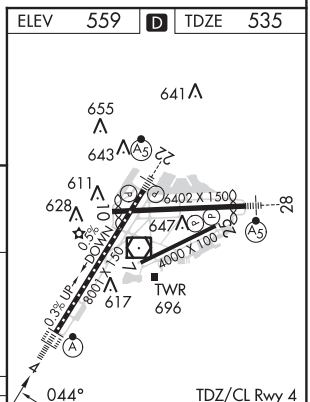
MISSED APPROACH: Climb to 1100 then climbing right turn to 3000 on heading 135° and ROC VOR/DME R-096 to BREIT INT/ROC 5.3 DME and hold, continue climb-in-hold to 3000.

ATIS	ROCHESTER APP CON	ROCHESTER TOWER	GND CON	CLNC DEL
124.825	119.55 269.6	118.3 254.3	121.7	118.8 343.65



Procedure NA for arrivals at GEE VOR/DME on airway radials 287 CW 018.





CATEGORY	A	B	C	D
S-ILS 4	735/18 200 (200-½)			
S-LOC 4	920/24 385 (400-½)		920/35 385 (400-⅝)	
C CIRCLING	1060-1 501 (600-1)		1500-2¾ 941 (1000-2¾)	1500-3 941 (1000-3)

FAF to MAP 4.5 NM					
Knots	60	90	120	150	180
Min:Sec	4:30	3:00	2:15	1:48	1:30

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

ILS or LOC RWY 22
GREATER ROCHESTER INTL (ROC)

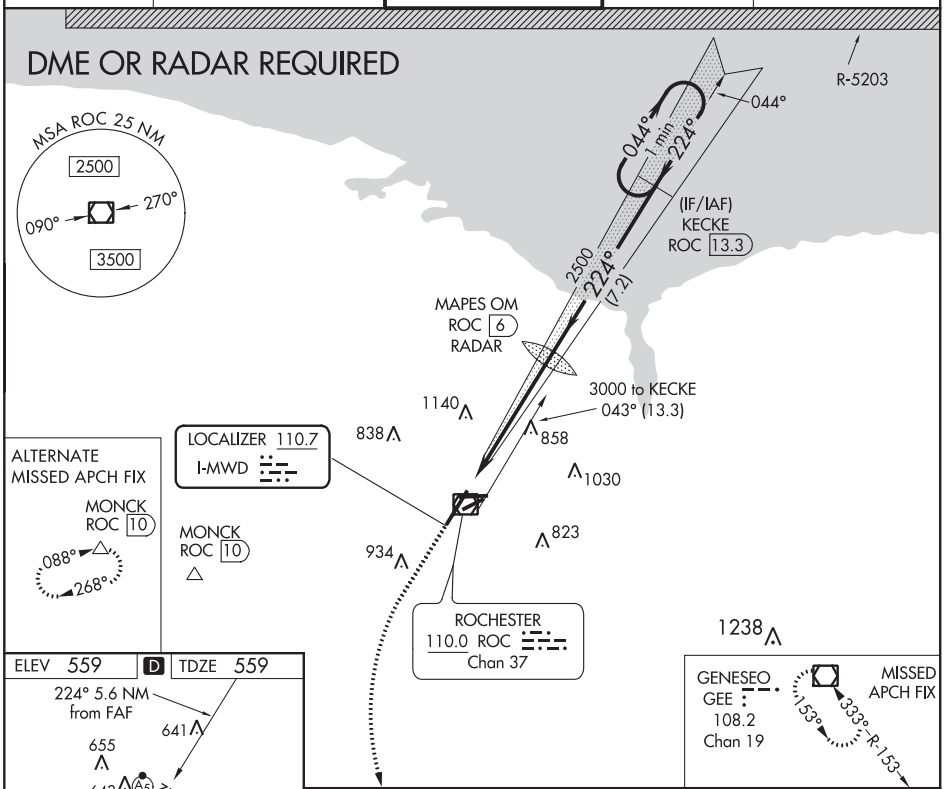
LOC I-MWD	APP CRS	Rwy ldg	8001
110.7	224°	TDZE	559
		Apt Elev	559

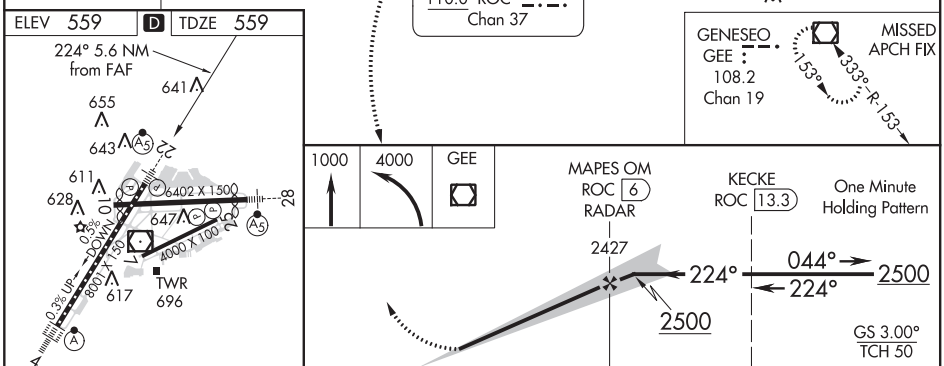
When R-5203 active hold in lieu not authorized.
* RVR 1800 authorized with the use of FD or AP or HUD to DA.

MALSR

MISSED APPROACH: Climb to 1000 then climbing left turn to 4000 direct GEE VOR/DME and hold.

ATIS	ROCHESTER APP CON	ROCHESTER TOWER	GND CON	CLNC DEL
124.825	119.55 269.6	118.3 254.3	121.7	118.8 343.65





TDZ/CL Rwy 4
REIL Rwys 7, 10 and 25
MIRL Rwy 7-25
HIRL Rwys 10-28 and 4-22

FAF to MAP 5.6 NM					
Knots	60	90	120	150	180
Min:Sec	5:36	3:44	2:48	2:14	1:52

CATEGORY	A	B	C	D
S-ILS 22	*759/24 200 (200-½)			
S-LOC 22	1000/24 441 (500-½)		1000/45 441 (500-⅞)	
C CIRCLING	1060-1 501 (600-1)		1500-2¾ 941 (1000-2¾)	1500-3 941 (1000-3)

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

ROCHESTER, NEW YORK — AL-351 (FAA) — 19171

ILS or LOC RWY 28
GREATER ROCHESTER INTL (ROC)

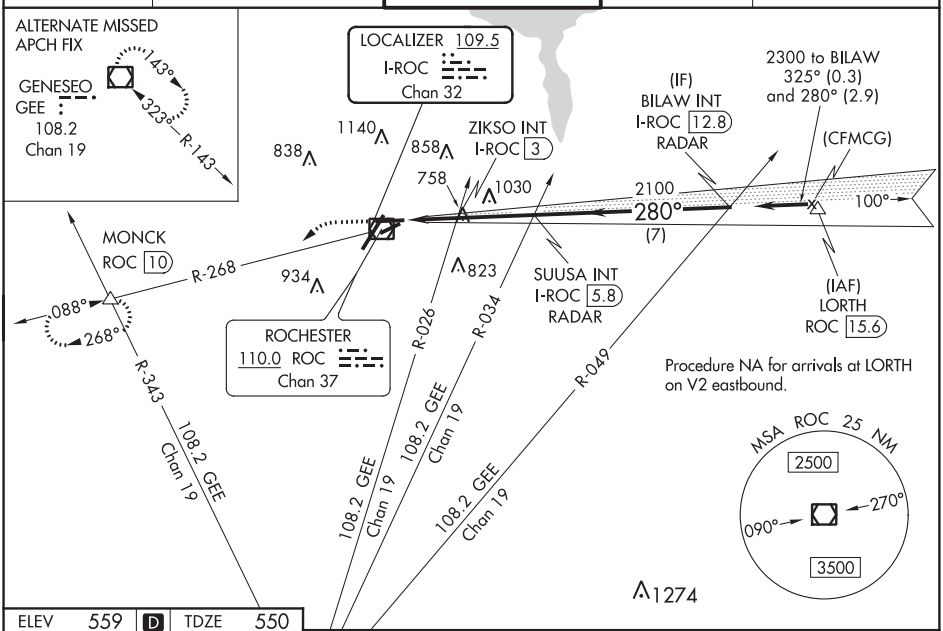
LOC/DME I-ROC	APP CRS	Rwy ldg	5802
109.5	280°	TDZE	550
Chan 32		Apt Elev	559

Helicopter visibility reduction below RVR 4000 NA.
Multiple unshielded lights in final approach area.
For inop MALSR, increase S-ILS 28 all Cats visibility to RVR 4500 and S-LOC 28 Cat A/B visibility to RVR 5500. For inop MALSR with ZIKSO fix minimums, increase S-LOC 28 Cat A/B visibility to RVR 5500 and Cat C/D visibility to 1⅜.

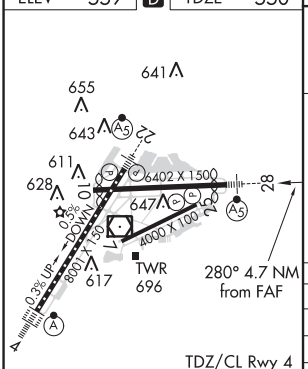
MALSR

MISSED APPROACH: Climb to 2000 then climbing left turn to 3000 on heading 230° and ROC VOR/DME R-268 to MONCK INT/ROC 10 DME and hold.

ATIS	ROCHESTER APP CON	ROCHESTER TOWER	GND CON	CLNC DEL
124.825	119.55 269.6	118.3 254.3	121.7	118.8 343.65

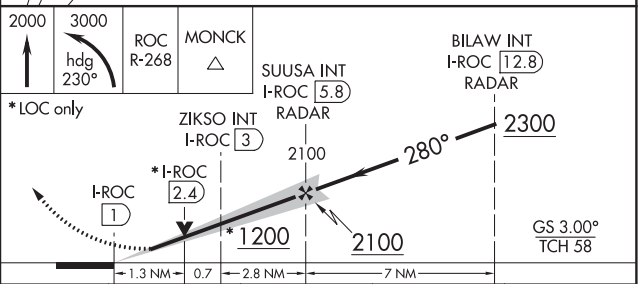


ELEV	559	D	TDZE	550



TDZ/CL Rwy 4
REIL Rwys 7, 10, and 25
MIRL Rwy 7-25
HIRL Rwys 4-22 and 10-28

FAF to MAP 4.7 NM					
Knots	60	90	120	150	180
Min:Sec	4:42	3:08	2:21	1:53	1:34



CATEGORY	A	B	C	D
S-ILS 28	821/40 271 (300-¾)			
S-LOC 28	1200/40 650 (700-¾)		1200-1⅜ 650 (700-1⅜)	
C CIRCLING	1200-1 641 (700-1)		1500-2¾ 941 (1000-2¾)	1500-3 941 (1000-3)
ZIKSO FIX MINIMUMS (DUAL VOR RECEIVERS OR DME REQUIRED)				
S-LOC 28	1020/40 470 (500-¾)		1020/50 470 (500-1)	
C CIRCLING	1060-1 501 (600-1)		1500-2¾ 941 (1000-2¾)	1500-3 941 (1000-3)

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

ILS RWY 4 (SA CAT I)
GREATER ROCHESTER INTL (ROC)

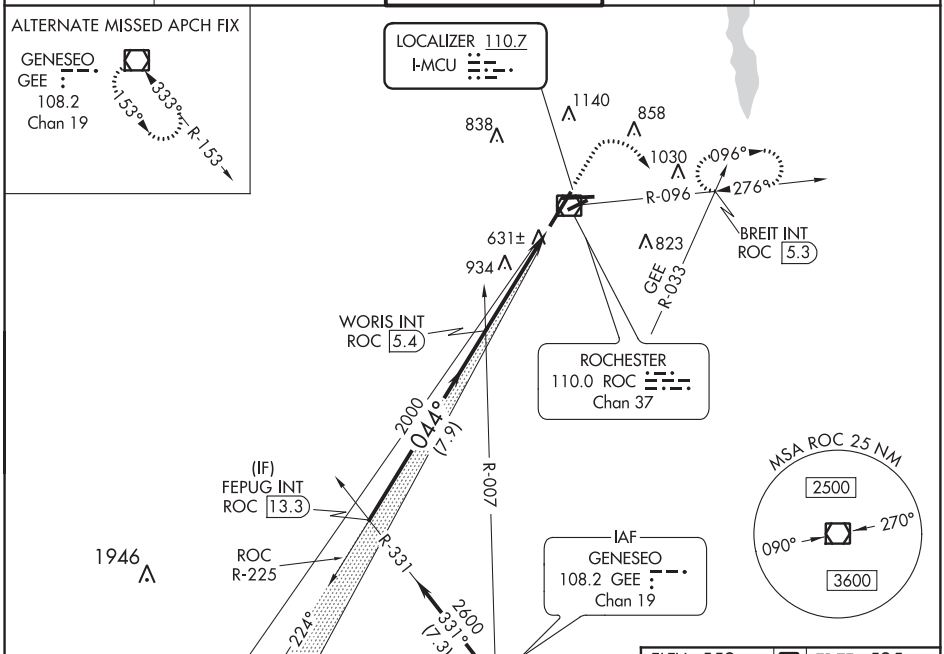
LOC I-MCU	APP CRS	Rwy ldg	8001
110.7	044°	TDZE	535
		Apt Elev	559

T A Requires specific OPSPEC, MSPEC, or LOA approval and use of the HUD to DA.

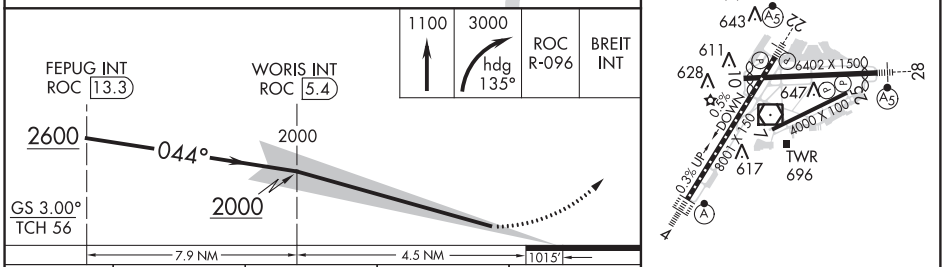
ALSF-2 (A)

MISSED APPROACH: Climb to 1100 then climbing right turn to 3000 on heading 135° and ROC VOR/DME R-096 to BREIT INT/ROC 5.3 DME and hold, continue climb-in-hold to 3000.

ATIS	ROCHESTER APP CON	ROCHESTER TOWER	GND CON	CLNC DEL
124.825	119.55 269.6	118.3 254.3	121.7	118.8 343.65

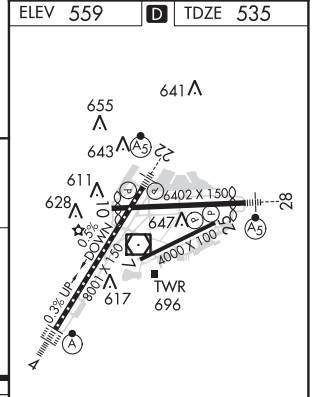


Procedure NA for arrivals at GEE VOR/DME on airway radials 287 CW 018.



CATEGORY	A	B	C	D
S-ILS 4	RA 157/14	150 DA 685		

SA CATEGORY I ILS - SPECIAL AIRCREW & AIRCRAFT CERTIFICATION REQUIRED



TDZ/CL Rwy 4
REIL Rwys 7, 10 and 25
MIRL Rwy 7-25
HIRL Rwys 10-28 and 4-22

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

ROCHESTER, NEW YORK

AL-351 (FAA)

19171

ILS RWY 4 (CAT II)

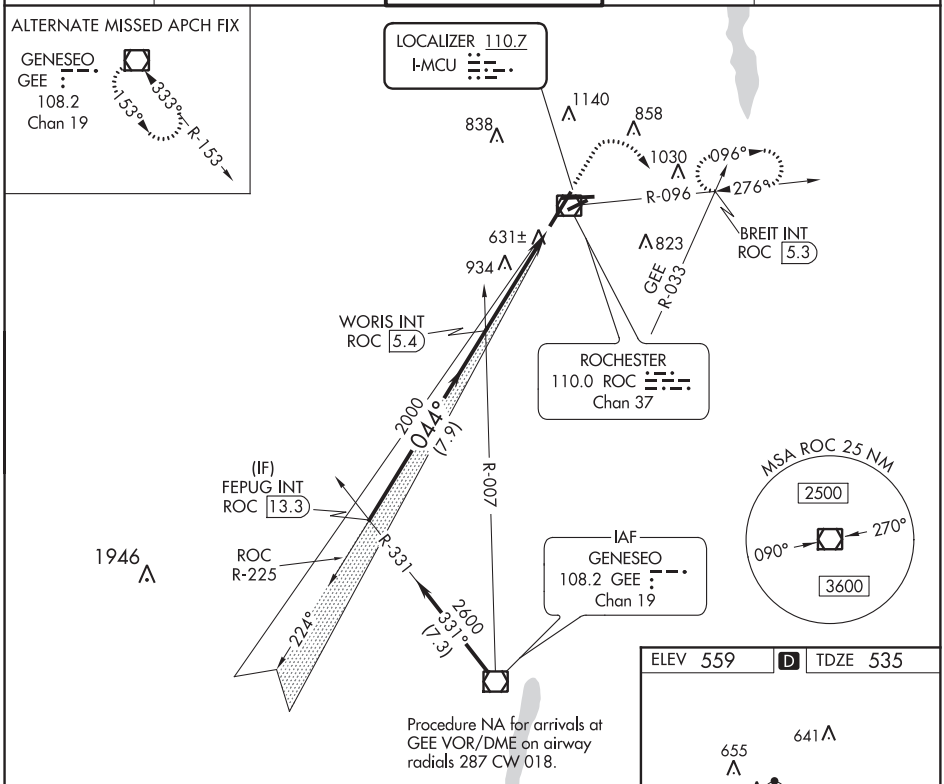
GREATER ROCHESTER INTL (ROC)

LOC I-MCU	APP CRS	Rwy ldg	8001
110.7	044°	TDZE	535
		Apt Elev	559

ALSF-2

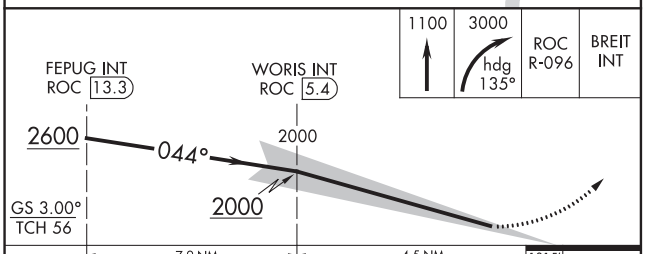
MISSED APPROACH: Climb to 1100 then climbing right turn to 3000 on heading 135° and ROC VOR/DME R-096 to BREIT INT/ROC 5.3 DME and hold, continue climb-in-hold to 3000.

ATIS	ROCHESTER APP CON	ROCHESTER TOWER	GND CON	CLNC DEL
124.825	119.55 269.6	118.3 254.3	121.7	118.8 343.65



Procedure NA for arrivals at GEE VOR/DME on airway radials 287 CW 018.

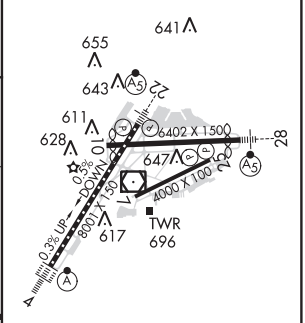
1100	3000	ROC R-096	BREIT INT
	hdg 135°		



CATEGORY	A	B	C	D
S-ILS 4	RA 107/12	100 DA 635		

CATEGORY II ILS - SPECIAL AIRCREW & AIRCRAFT CERTIFICATION REQUIRED

ELEV 559 D TDZE 535



TDZ/CL Rwy 4
REIL Rwys 7, 10 and 25
MIRL Rwy 7-25
HIRL Rwys 10-28 and 4-22

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

WAAS CH 45611 W04A	APP CRS 044°	Rwy ldg 8001 TDZE 535 Apt Elev 559

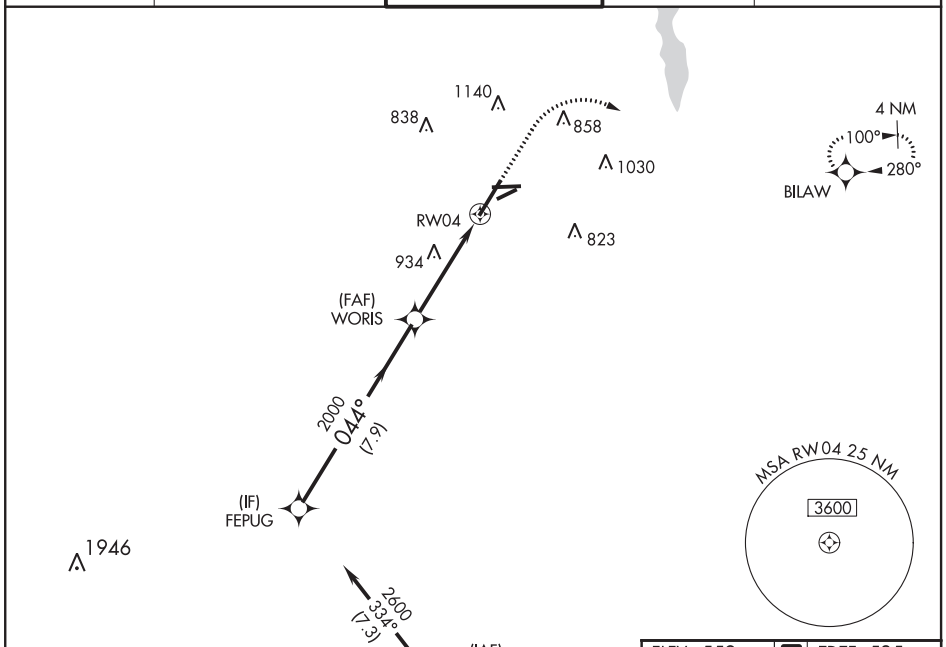
RNAV (GPS) RWY 4
GREATER ROCHESTER INTL (ROC)

For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -18°C (0°F) or above 54°C (130°F). DME/DME RNP-0.3 NA. For inop ALSF-2, increase LNAV Cats C/D visibility to 1⅞ .

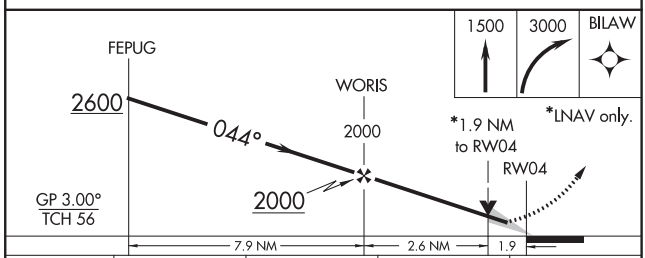
ALSF-2

MISSED APPROACH: Climb to 1500 then climbing right turn to 3000 direct BILAW and hold.

ATIS	ROCHESTER APP CON	ROCHESTER TOWER	GND CON	CLNC DEL
124.825	119.55 269.6	118.3 254.3	121.7	118.8 343.65

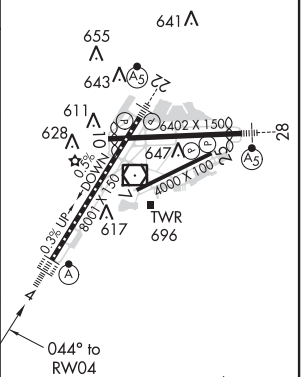


Procedure NA for arrivals at GEE VOR/DME on airway radials 287 CW 018.



CATEGORY	A	B	C	D
LPV DA	735/18 200 (200-½)			
LNAV/VNAV DA	1290-2¼ 755 (800-2¼)			
LNAV MDA	1200/24 665 (700-½)		1200-1½ 665 (700-1½)	
C CIRCLING	1200-1 641 (700-1)		1500-2¾ 941 (1000-2¾)	1500-3 941 (1000-3)

ELEV 559 D TDZE 535



TDZ/CL Rwy 4
REIL Rwys 7, 10 and 25
MIRL Rwy 7-25
HIRL Rwys 10-28 and 4-22

NE-2, 10 SEP 2020 to 05 NOV 2020

ROCHESTER, NEW YORK — AL-351 (FAA) — 19171

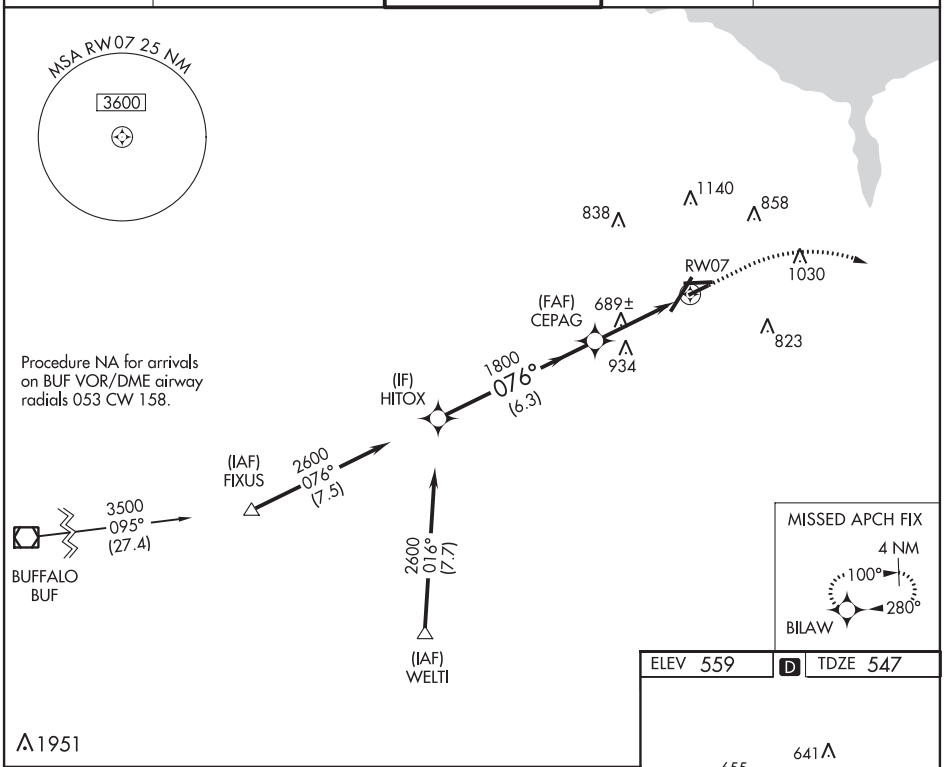
WAAS CH 61334 W07A	APP CRS 076°	Rwy ldg 4000 TDZE 547 Apt Elev 559

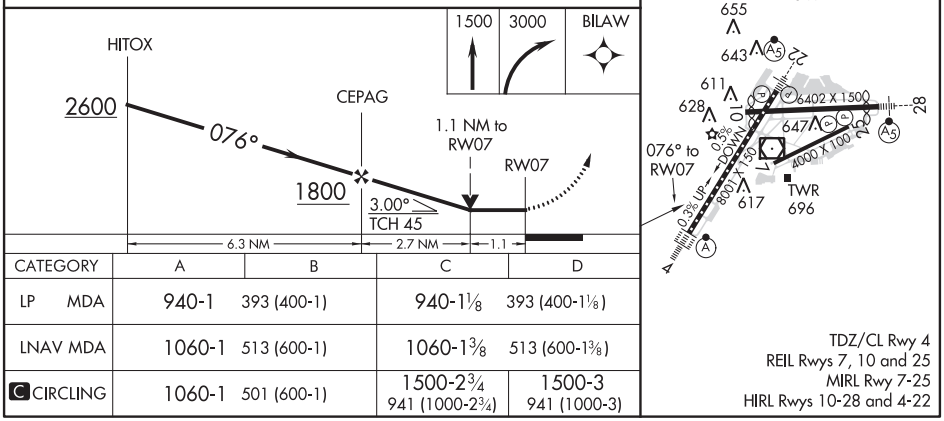
RNAV (GPS) RWY 7
GREATER ROCHESTER INTL (ROC)

T A DME/DME RNP-0.3 NA. Helicopter visibility reduction below ¾ SM NA.

MISSED APPROACH: Climb to 1500 then climbing right turn to 3000 direct BILAW and hold.

ATIS	ROCHESTER APP CON	ROCHESTER TOWER	GND CON	CLNC DEL
124.825	119.55 269.6	118.3 254.3	121.7	118.8 343.65





CATEGORY	A	B	C	D
LP MDA	940-1 393 (400-1)		940-1⅛ 393 (400-1⅛)	
LNAV MDA	1060-1 513 (600-1)		1060-1⅜ 513 (600-1⅜)	
C CIRCLING	1060-1 501 (600-1)		1500-2¾ 941 (1000-2¾)	1500-3 941 (1000-3)

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

WAAS CH 70734 W10A	APP CRS 100°	Rwy ldg 5502 TDZE 556 Apt Elev 559

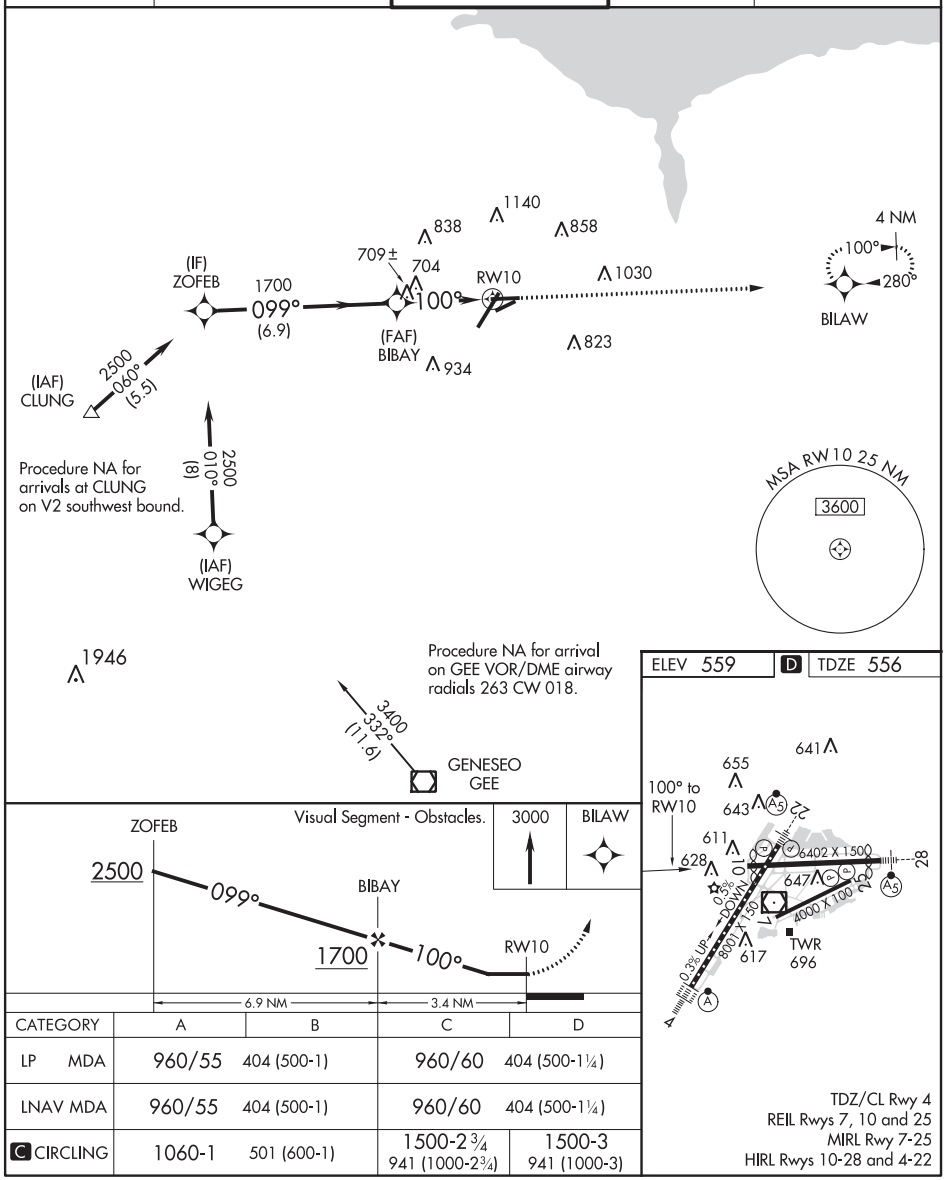
RNAV (GPS) RWY 10
GREATER ROCHESTER INTL (ROC)

RNP APCH.

Rwy 10 helicopter visibility reduction below 1 SM NA.

MISSED APPROACH: Climb to 3000 direct BILAW and hold.

ATIS	ROCHESTER APP CON	ROCHESTER TOWER	GND CON	CLNC DEL
124.825	119.55 269.6	118.3 254.3	121.7	118.8 343.65



CATEGORY	A	B	C	D
LP MDA	960/55	404 (500-1)	960/60	404 (500-1¼)
LNAV MDA	960/55	404 (500-1)	960/60	404 (500-1¼)
C CIRCLING	1060-1	501 (600-1)	1500-2¾ 941 (1000-2¾)	1500-3 941 (1000-3)

TDZ/CL Rwy 4
REIL Rwys 7, 10 and 25
MIRL Rwy 7-25
HIRL Rwys 10-28 and 4-22

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

WAAS CH 73016 W22A	APP CRS 224°	Rwy ldg 8001 TDZE 559 Apt Elev 559

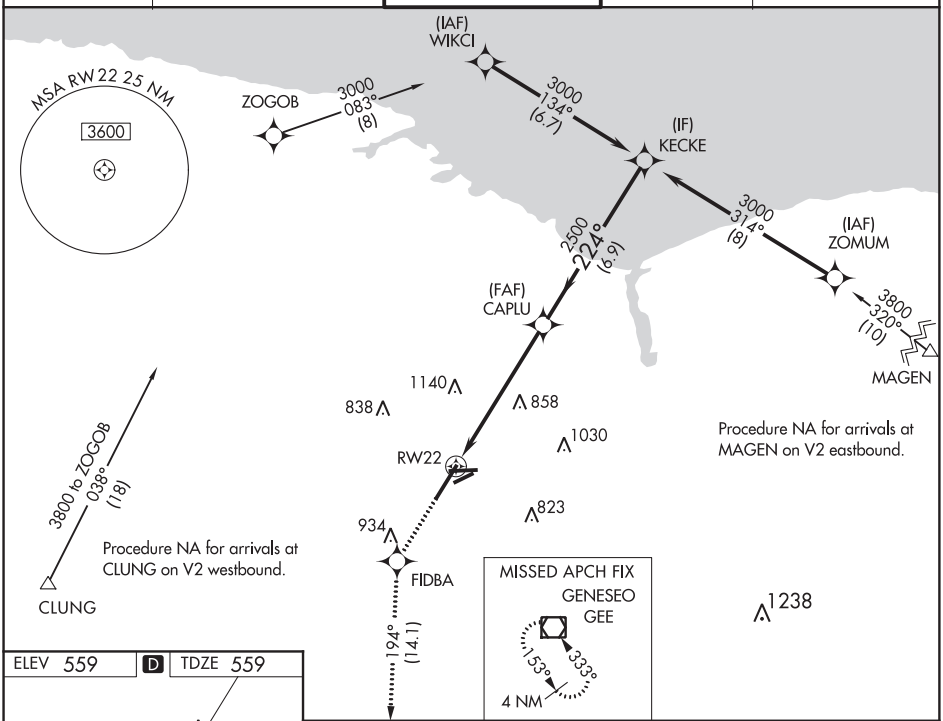
RNAV (GPS) RWY 22
GREATER ROCHESTER INTL (ROC)

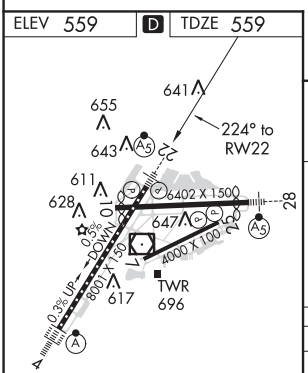
For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -18°C (0°F) or above 54°C (130°F). DME/DME RNP-0.3 NA.
** RVR 1800 authorized with use of FD or AP or HUD to DA.

MALSR

MISSED APPROACH: Climb to 4000 direct FIDBA and on track 194° to GEE VOR/DME and hold.

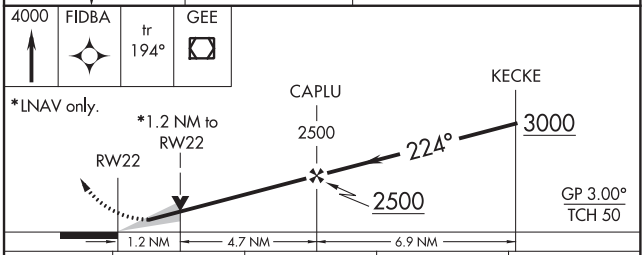
ATIS	ROCHESTER APP CON	ROCHESTER TOWER	GND CON	CLNC DEL
124.825	119.55 269.6	118.3 254.3	121.7	118.8 343.65





TDZ/CL Rwy 4
REIL Rwys 7, 10 and 25
MIRL Rwy 7-25
HIRL Rwys 10-28 and 4-22

4000	FIDBA	tr 194°	GEE



CATEGORY	A	B	C	D
LPV DA	**759/24 200 (200-½)			
LNAV/VNAV DA	859/25 300 (300-½)			
LNAV MDA	980/24 421 (500-½)		980/40 421 (500-¾)	
C CIRCLING	1060-1 501 (600-1)		1500-2¾ 941 (1000-2¾)	1500-3 941 (1000-3)

NE-2, 10 SEP 2020 to 05 NOV 2020

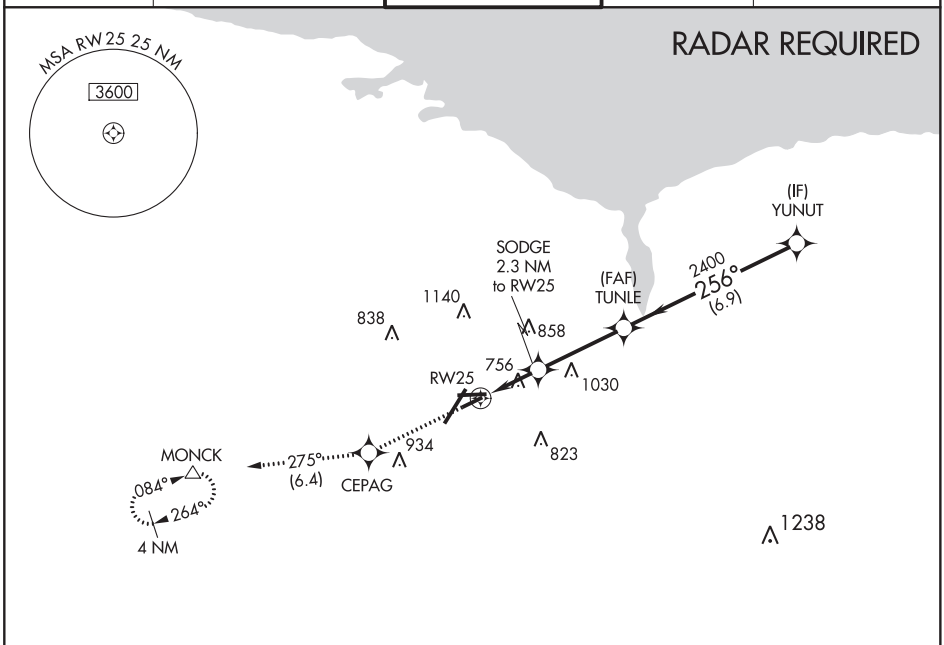
WAAS CH 72934 W25A	APP CRS 256°	Rwy ldg 4000 TDZE 547 Apt Elev 559

RNAV (GPS) RWY 25
GREATER ROCHESTER INTL (ROC)

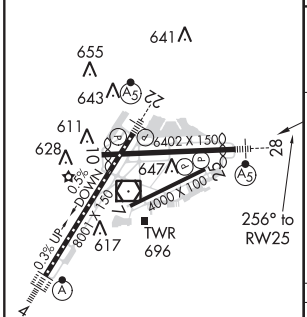
DME/DME RNP-0.3 NA. Helicopter visibility reduction below ¾ SM NA.

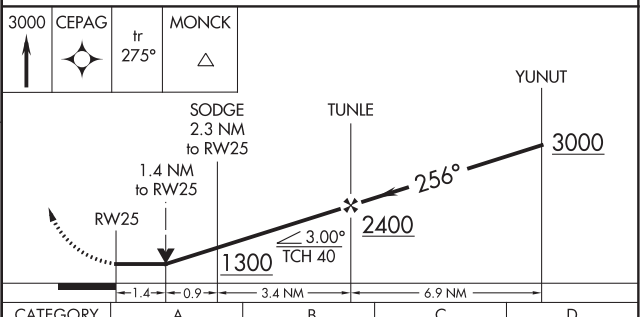
MISSED APPROACH: Climb to 3000 direct CEPAG and on track 275° to MONCK and hold.

ATIS	ROCHESTER APP CON	ROCHESTER TOWER	GND CON	CLNC DEL
124.825	119.55 269.6	118.3 254.3	121.7	118.8 343.65



ELEV 559 | D | TDZE 547





CATEGORY	A	B	C	D
LP MDA	1020-1	473 (500-1)	1020-1⅜	473 (500-1⅜)
LNAV MDA	1040-1	493 (500-1)	1040-1⅜	493 (500-1⅜)
C CIRCLING	1060-1	501 (600-1)	1500-2¾ 941 (1000-2¾)	1500-3 941 (1000-3)

TDZ/CL Rwy 4
REIL Rwys 7, 10 and 25
MIRL Rwy 7-25
HIRL Rwys 10-28 and 4-22

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

ROCHESTER, NEW YORK | AL-351 (FAA) | 19171

RNAV (GPS) RWY 28
GREATER ROCHESTER INTL (ROC)

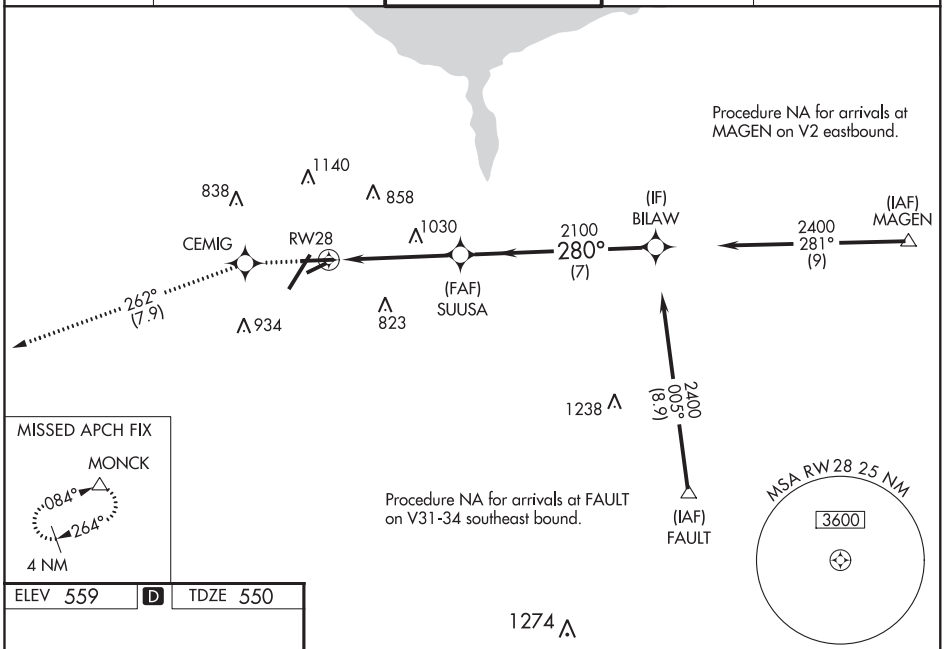
WAAS CH 86411 W28A	APP CRS 280°	Rwy ldg 5802 TDZE 550 Apt Elev 559

For uncompensated Baro-VNAV systems, LNAV/VNAV NA below-18°C (0°F) or above 54°C (130°F).
DME/DME RNP -0.3 NA.
Multiple unshielded lights in final approach area.
For inop MALSR, increase LPV Cats A/B visibility to RVR 5500 and Cats C/D visibility to 2.
Helicopter visibility reduction below RVR 4000 NA.

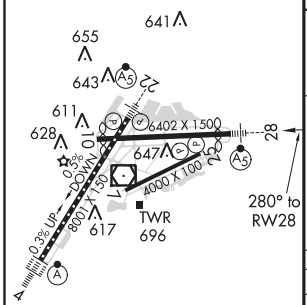
MALSR

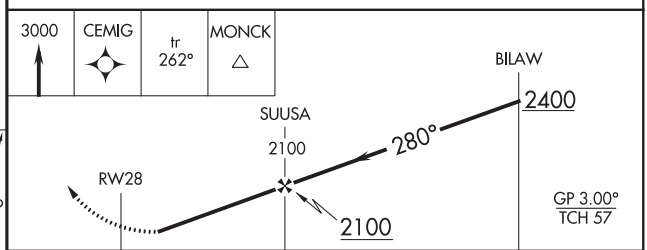
MISSED APPROACH: Climb to 3000 direct CEMIG and on track 262° to MONCK and hold.

ATIS	ROCHESTER APP CON	ROCHESTER TOWER	GND CON	CLNC DEL
124.825	119.55 269.6	118.3 254.3	121.7	118.8 343.65



ELEV 559 | D | TDZE 550





CATEGORY	A	B	C	D
LPV DA	820/40	270 (300-¾)		
LNAV/VNAV DA	1067-1¼	517 (500-1¼)		
LNAV MDA	1280/40	730 (800-¾)	1280-1⅝	730 (800-1⅝)
C CIRCLING	1280-1	721 (800-1)	1500-2¾ 941 (1000-2¾)	1500-3 941 (1000-3)

TDZ/CL Rwy 4
REIL Rwys 7, 10 and 25
MIRL Rwy 7-25
HIRL Rwys 10-28 and 4-22

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

VOR/DME ROC	APP CRS	Rwy ldg 8001
110.0	052°	TDZE 535
Chan 37		Apt Elev 559

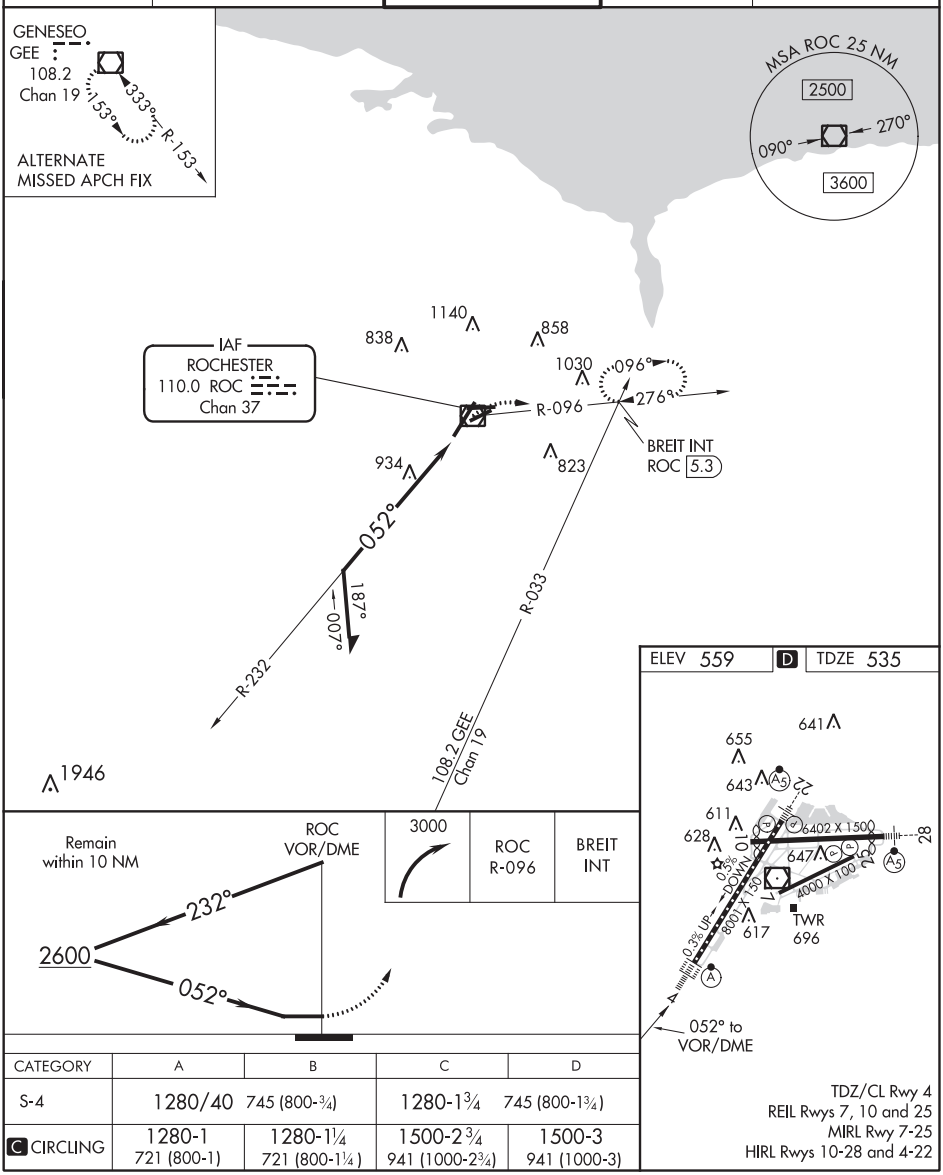
VOR RWY 4
GREATER ROCHESTER INTL (ROC)

For inop ALSF-2, increase S-4 Cat A visibility to RVR 5000, increase Cats C/D visibility to 2.
Helicopter visibility reduction below RVR 4000 NA.

ALSF-2

MISSED APPROACH: Climbing right turn to 3000 on ROC VOR/DME R-096 to BREIT INT/ROC 5.3 DME and hold, continue climb-in-hold to 3000.

ATIS	ROCHESTER APP CON	ROCHESTER TOWER	GND CON	CLNC DEL
124.825	119.55 269.6	118.3 254.3	121.7	118.8 343.65



CATEGORY	A	B	C	D
S-4	1280/40 745 (800-¾)		1280-1¾ 745 (800-1¾)	
C CIRCLING	1280-1 721 (800-1)	1280-1¼ 721 (800-1¼)	1500-2¾ 941 (1000-2¾)	1500-3 941 (1000-3)

TDZ/CL Rwy 4
REIL Rwys 7, 10 and 25
MIRL Rwy 7-25
HIRL Rwys 10-28 and 4-22

NE-2, 10 SEP 2020 to 05 NOV 2020

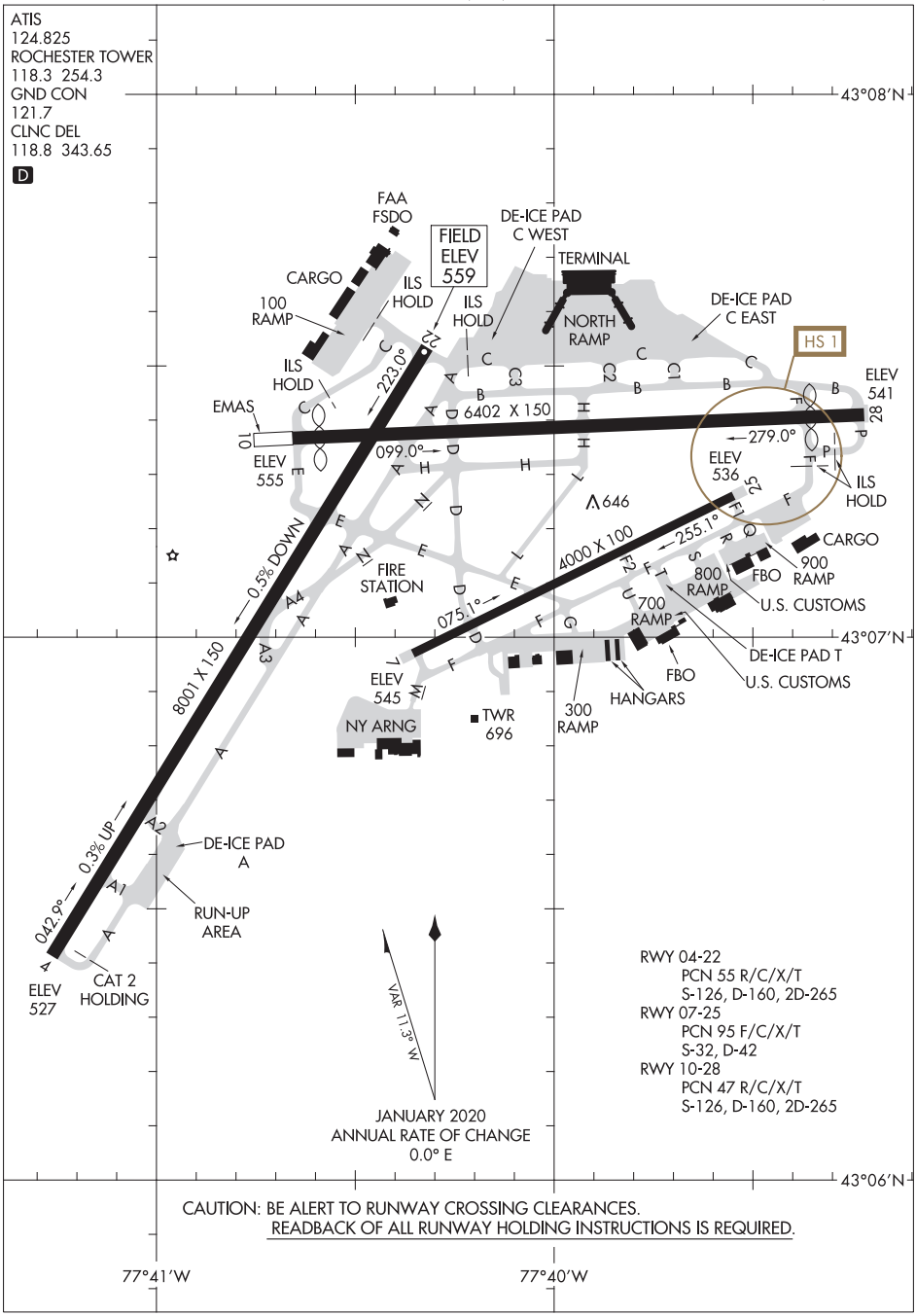
NE-2, 10 SEP 2020 to 05 NOV 2020

20086

AIRPORT DIAGRAM

AL-351 (FAA)

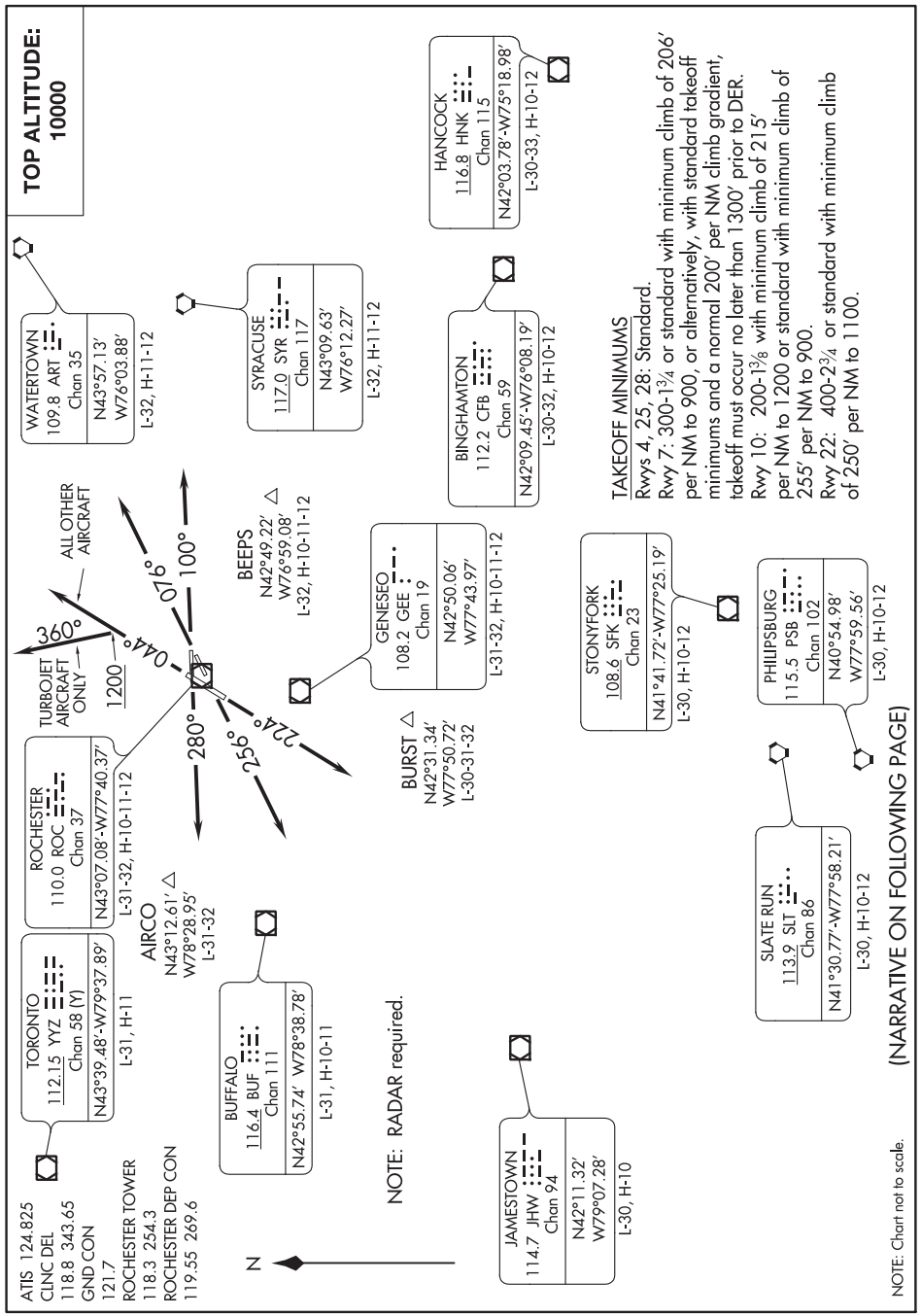
GREATER ROCHESTER INTL (ROC)
ROCHESTER, NEW YORK



NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

AIRPORT DIAGRAM
20086
ROCHESTER, NEW YORK
GREATER ROCHESTER INTL (ROC)


TOP ALTITUDE: 10000
WATERTOWN
109.8 ART
Chan 35
N43°57.13′
W76°03.88′
L-32, H-11-12
SYRACUSE
117.0 SYR
Chan 117
N43°09.63′
W76°12.27′
L-32, H-11-12
HANCOCK
116.8 HNK
Chan 115
N42°03.78′-W75°18.98′
L-30-33, H-10-12
BINGHAMTON
112.2 CFB
Chan 59
N42°09.45′-W76°08.19′
L-30-32, H-10-12
ALL OTHER AIRCRAFT
360°
TURBOJET AIRCRAFT ONLY
1200
044°
016°
100°
280°
256°
224°
BEEPS
N42°49.22′
W76°59.08′
L-32, H-10-11-12
GENESEO
108.2 GEE
Chan 19
N42°50.06′
W77°43.97′
L-31-32, H-10-11-12
BURST
N42°31.34′
W77°50.72′
L-30-31-32
ROCHESTER
110.0 ROC
Chan 37
N43°07.08′-W77°40.37′
L-31-32, H-10-11-12
AIRCO
N43°12.61′
W78°28.95′
L-31-32
TORONTO
112.15 YYZ
Chan 58 (Y)
N43°39.48′-W79°37.89′
L-31, H-11
BUFFALO
116.4 BUF
Chan 111
N42°55.74′ W78°38.78′
L-31, H-10-11
NOTE: RADAR required.
JAMESTOWN
114.7 JHW
Chan 94
N42°11.32′
W79°07.28′
L-30, H-10
STONYFORK
108.6 SFK
Chan 23
N41°41.72′-W77°25.19′
L-30, H-10-12
PHILIPSBURG
115.5 PSB
Chan 102
N40°54.98′
W77°59.56′
L-30, H-10-12
SLATE RUN
113.9 SLT
Chan 86
N41°30.77′-W77°58.21′
L-30, H-10-12
ATIS 124.825
CLNC DEL
118.8 343.65
GND CON
121.7
ROCHESTER TOWER
118.3 254.3
ROCHESTER DEP CON
119.55 269.6
N
NOTE: Chart not to scale.
TAKEOFF MINIMUMS
Rwys 4, 25, 28: Standard.
Rwy 7: 300-1¼ or standard with minimum climb of 206′ per NM to 900, or alternatively, with standard takeoff minimums and a normal 200′ per NM climb gradient, takeoff must occur no later than 1300′ prior to DER.
Rwy 10: 200-1⅜ with minimum climb of 215′ per NM to 1200 or standard with minimum climb of 255′ per NM to 900.
Rwy 22: 400-2¾ or standard with minimum climb of 250′ per NM to 1100.
(NARRATIVE ON FOLLOWING PAGE)
NE-2, 10 SEP 2020 to 05 NOV 2020
NE-2, 10 SEP 2020 to 05 NOV 2020

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 4: TURBOJET AIRCRAFT ONLY: Climb heading 044° to 1200, then heading 360°, thence . . .
ALL OTHER AIRCRAFT: Climb heading 044°, thence . . .
TAKEOFF RUNWAY 7: Climb heading 076°, thence . . .
TAKEOFF RUNWAY 10: Climb heading 100°, thence . . .
TAKEOFF RUNWAY 22: Climb heading 224°, thence . . .
TAKEOFF RUNWAY 25: Climb heading 256°, thence . . .
TAKEOFF RUNWAY 28: Climb heading 280°, thence . . .

. . . expect RADAR vectors to intercept filed/assigned route or enroute fix or navaid. Maintain 10000 or assigned lower altitude. Expect further clearance to requested altitude/flight level ten minutes after departure.

LOC/DME I-RME	APP CRS	Rwy ldg	11821
110.1	327°	TDZE	498
Chan 38		Apt Elev	504

ILS or LOC RWY 33

GRIFFISS INTL (RME)

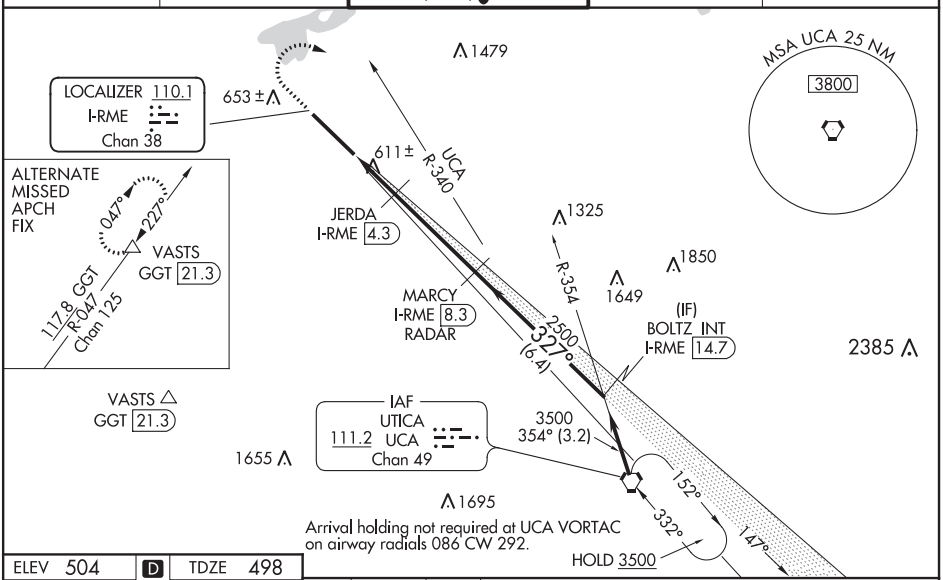
DME or RADAR required for LOC only.

Rwy 33 helicopter visibility reduction below ¾ SM NA. When local altimeter setting not received, use Syracuse altimeter setting: increase S-ILS 33 DA to 873; increase all MDAs 100 feet and S-LOC 33 Cat C/D visibility ¼ SM, Circling Cat B/C ¼ SM and JERDA fix minimums S-LOC 33 Cat C/D ¼ SM, Circling Cat B/C ¼ SM. For inop ALS, increase S-ILS 33 all Cats visibility to ⅞ SM, S-LOC 33 Cat A/B to 1 SM, and Cat C/D to 1¾ SM and JERDA fix minimums S-LOC 33 Cat A/B to 1 SM. For inop ALS when using Syracuse altimeter setting, increase S-LOC 33 Cat A/B visibility to 1 SM, and Cat C/D to 2 SM and JERDA fix minimums S-LOC 33 Cat A/B to 1 SM. Circling NA southwest of Rwy 15-33.

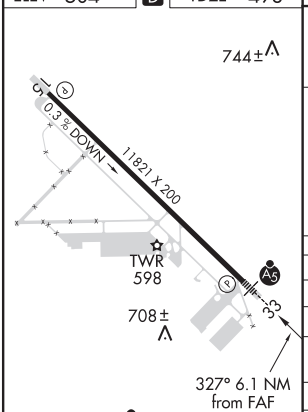
MALSR

MISSED APPROACH: Climb to 1600 then climbing right turn to 3500 on UCA VORTAC R-340 to UCA VORTAC and hold.

ATIS	SYRACUSE APP CON	GRIFFISS TOWER ★	GND CON	UNICOM
118.7	127.425 290.45	118.1 (CTAF) L 291.7	121.9	122.95

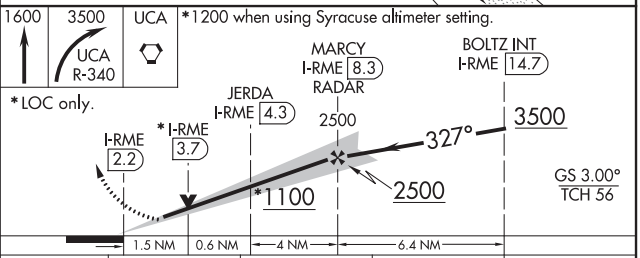


ELEV 504	D	TDZE 498



HIRL Rwy 15-33 L

FAF to MAP 6.1 NM					
Knots	60	90	120	150	180
Min:Sec	6:06	4:04	3:03	2:26	2:02



CATEGORY	A	B	C	D
S-ILS 33	788-¾ 290 (300-¾)			
S-LOC 33	1100-¾ 602 (600-¾)		1100-1⅜ 602 (600-1⅜)	
C CIRCLING	1140-1 636 (700-1)	1260-1 756 (800-1)	1400-2¾ 896 (900-2¾)	1640-3 1136 (1200-3)
JERDA FIX MINIMUMS (DME REQUIRED)				
S-LOC 33	1040-¾ 542 (600-¾)		1040-1⅛ 542 (600-1⅛)	
C CIRCLING	1140-1 636 (700-1)	1260-1 756 (800-1)	1400-2¾ 896 (900-2¾)	1640-3 1136 (1200-3)

NE-2, 10 SEP 2020 to 05 NOV 2020
NE-2, 10 SEP 2020 to 05 NOV 2020

ROME, NEW YORK | AL-9515 (FAA) | 19283

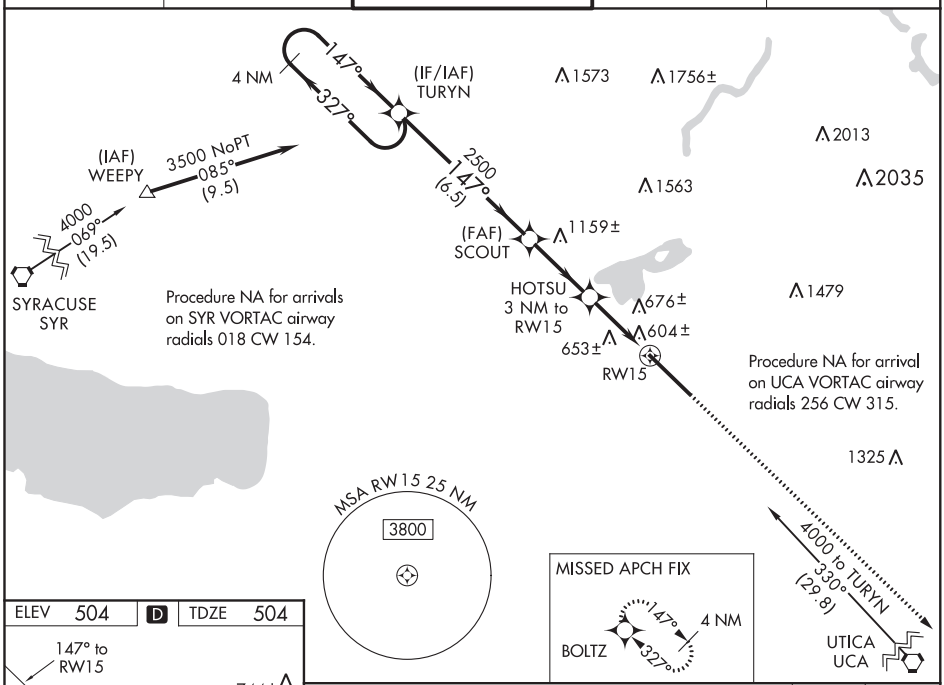
WAAS CH 82206 W15A	APP CRS 147°	Rwy ldg 11821 TDZE 504 Apt Elev 504

RNAV (GPS) RWY 15
GRIFFISS INTL (RME)

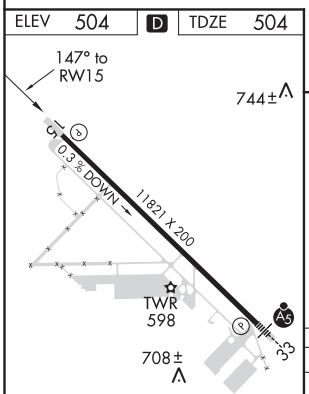
For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -16°C (4°F) or above 48°C (118°F). DME/DME RNP-0.3 NA. When local altimeter setting not received, use Syracuse altimeter setting and increase all DA 100 feet and all MDA 100 feet. Increase LNAV/VNAV all Cats, LNAV Cats C and D and Circling Cats B visibility ¼ mile; Circling Cats C and D visibility ½ mile. Baro-VNAV and VDP NA when using Syracuse altimeter setting. Circling NA west of Rwy 15-33.

MISSED APPROACH: Climb to 3500 direct BOLTZ and hold.

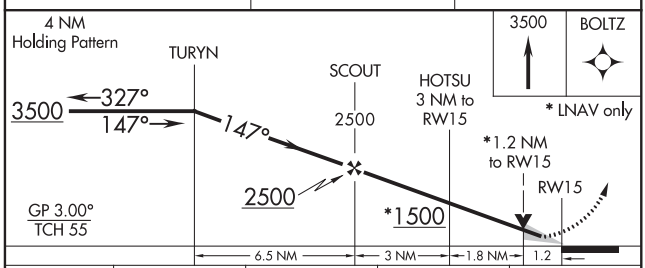
ATIS	SYRACUSE APP CON	GRIFFISS TOWER ★	GND CON	UNICOM
118.7	127.425 290.45	118.1 (CTAF) L 291.7	121.9	122.95



NE-2, 10 SEP 2020 to 05 NOV 2020



HIRL Rwy 15-33 L



CATEGORY	A	B	C	D
LPV DA	704-1 200 (200-1)			
LNAV/VNAV DA	1052-2 548 (600-2)			
LNAV MDA	940-1 436 (500-1)		940-1¼ 436 (500-1¼)	940-1½ 436 (500-1½)
CIRCLING	1140-1 636 (700-1)	1200-1 696 (700-1)	1220-2 716 (800-2)	1300-2½ 796 (800-2½)

WAAS CH 42906 W33A	APP CRS 327°	Rwy ldg 11821 TDZE 498 Apt Elev 504

RNAV (GPS) RWY 33
GRIFFISS INTL (RME)

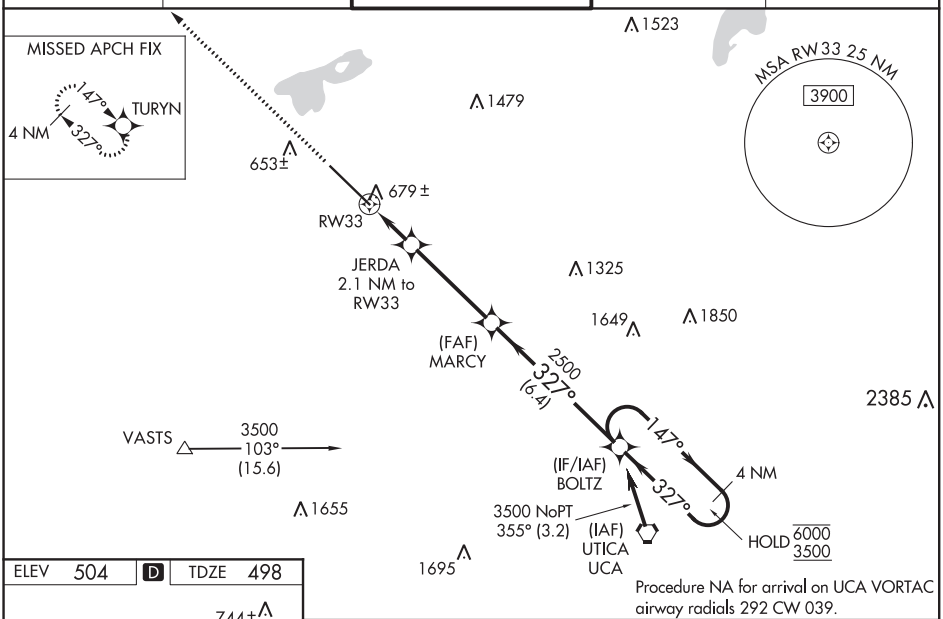
RNP APCH.

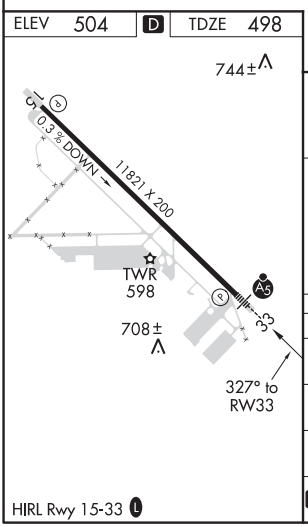
Circling NA southwest of Rwy 15-33. Baro-VNAV and VDP NA when using Syracuse altimeter setting. Rwy 33 helicopter visibility reduction below ¾ SM NA. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -23°C or above 54°C. For inop ALS, increase LPV visibility to ⅞ SM and LNAV/VNAV visibility to 1⅜ SM and LNAV Cat A/B visibility to 1 SM. For inop ALS when using Syracuse Intl altimeter setting, increase LNAV Cat A/B visibility to 1 SM. When local altimeter setting not received, use Syracuse Intl altimeter setting: increase LPV DA to 869 feet, increase LNAV/VNAV DA to 1051 feet; increase all MDAs 100 feet and visibility LNAV Cat C/D and Circling Cat B/C visibility ¼ SM.

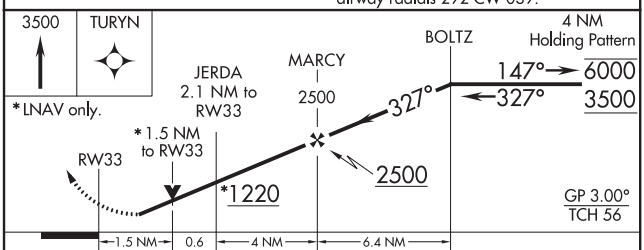
MALSR

MISSED APPROACH: Climb to 3500 direct TURYN and hold.

ATIS	SYRACUSE APP CON	GRIFFISS TOWER ★	GND CON	UNICOM
118.7	127.425 290.45	118.1 (CTAF) L 291.7	121.9	122.95







CATEGORY	A	B	C	D
LPV DA	784-¾ 286 (300-¾)			
LNAV/VNAV DA	966-1¼ 468 (500-1¼)			
LNAV MDA	1040-¾ 542 (600-¾)		1040-1⅛ 542 (600-1⅛)	
C CIRCLING	1140-1 636 (700-1)	1260-1 756 (800-1)	1400-2¾ 896 (900-2¾)	1640-3 1136 (1200-3)

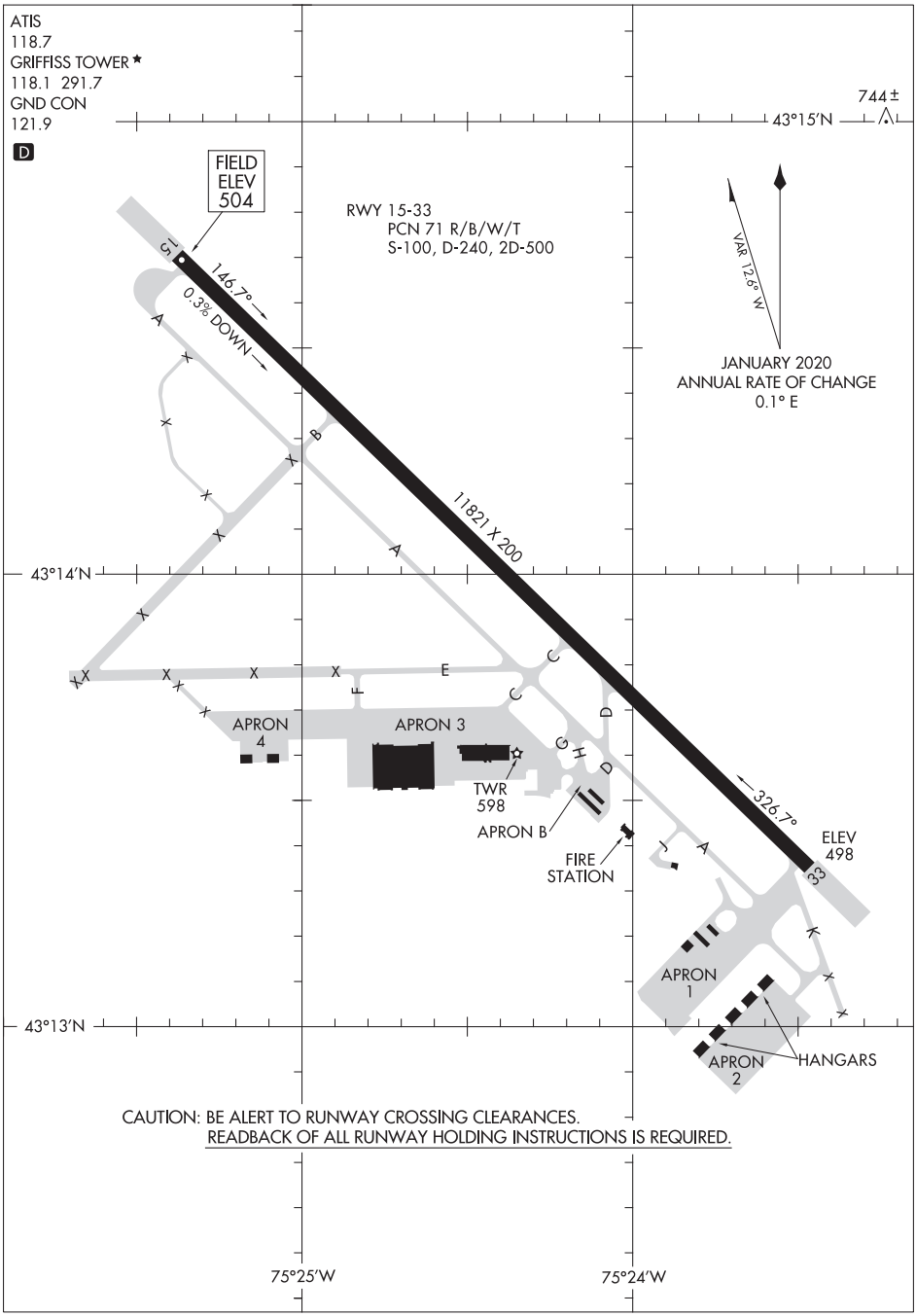
NE-2, 10 SEP 2020 to 05 NOV 2020

20086

AIRPORT DIAGRAM

AL-9515 (FAA)

GRIFFISS INTL (RME)
ROME, NEW YORK



NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

AIRPORT DIAGRAM
20086
ROME, NEW YORK
GRIFFISS INTL (RME)

LOC I-SLK	APP CRS	Rwy ldg	6333
108.9	229°	TDZE	1663
		Apt Elev	1663

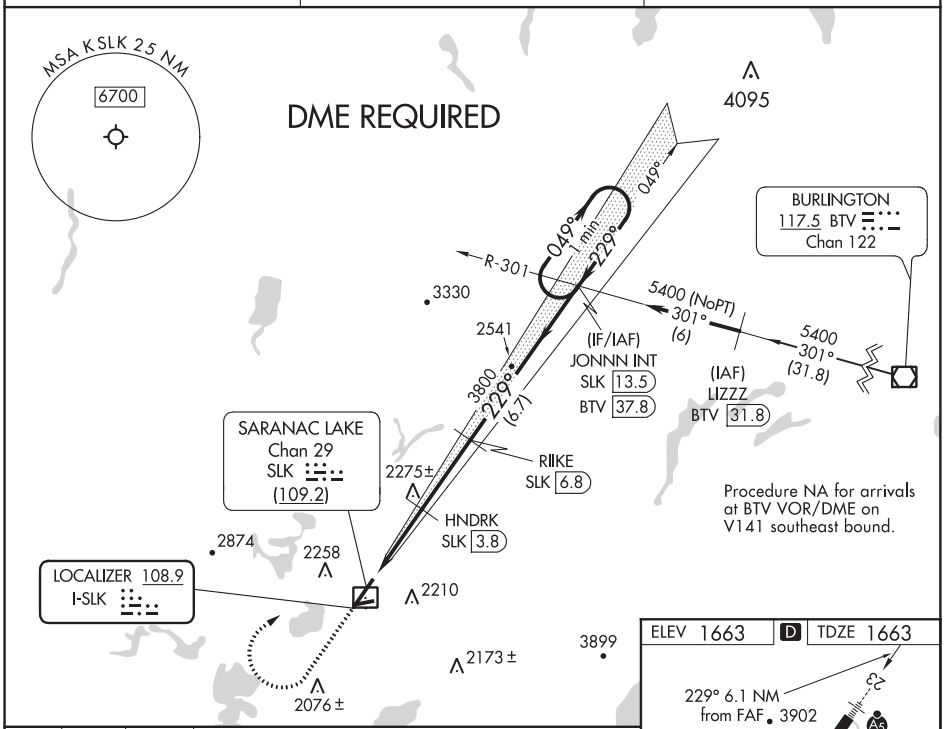
ILS or LOC RWY 23
ADIRONDACK RGNL (SLK)

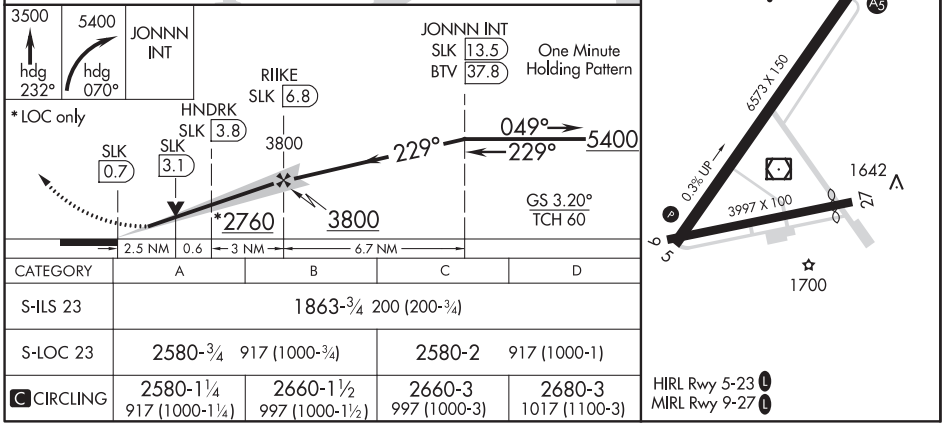
Circling to Rwy 5, 9, 27 NA at night.
Inop table does not apply to S-ILS 23.
Rwy 23 helicopter visibility reduction below ¾ SM NA.
DME from SLK DME.
Simultaneous reception of I-SLK and SLK DME required.
-28°C

MALSR

MISSED APPROACH: Climb to 3500 on heading 232° then climbing right turn to 5400 on heading 070° to intercept I-SLK localizer course NE to JONNN INT/SLK 13.5 DME and hold.

ASOS	BOSTON CENTER	UNICOM
124.175	120.35 342.25	123.0 (CTAF) L





CATEGORY	A	B	C	D
S-ILS 23	1863-¾ 200 (200-¾)			
S-LOC 23	2580-¾ 917 (1000-¾)		2580-2 917 (1000-1)	
C CIRCLING	2580-1¼ 917 (1000-1¼)	2660-1½ 997 (1000-1½)	2660-3 997 (1000-3)	2680-3 1017 (1100-3)

HIRL Rwy 5-23 L
MIRL Rwy 9-27 L

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

SARANAC LAKE, NEW YORK | AL-806 (FAA) | 20254

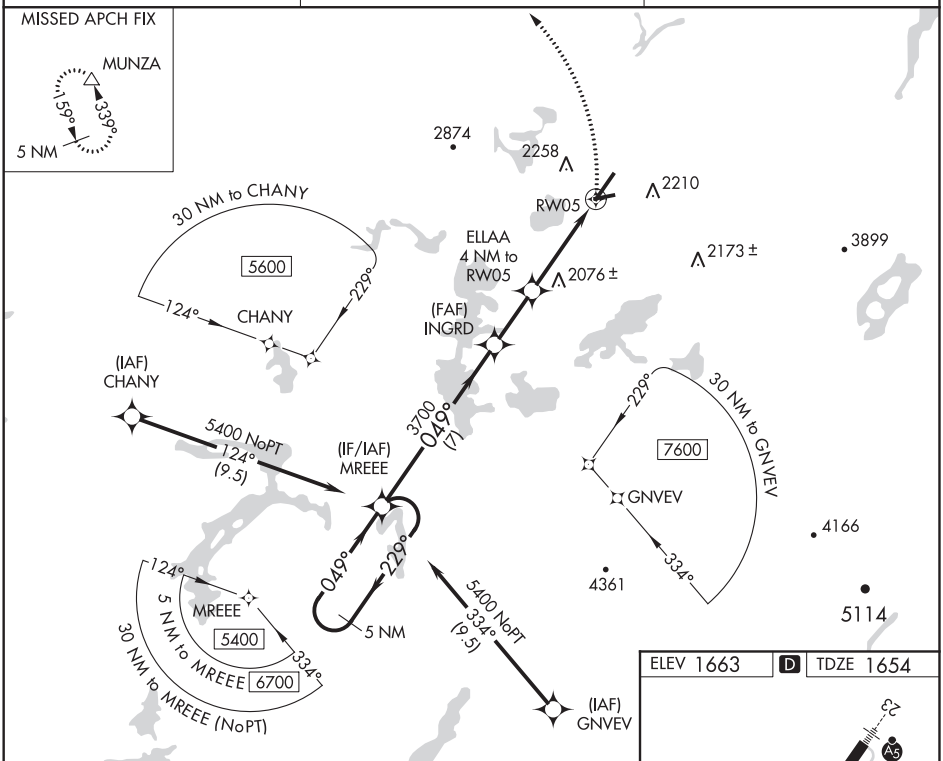
RNAV (GPS) RWY 5
ADIRONDACK RGNL (SLK)

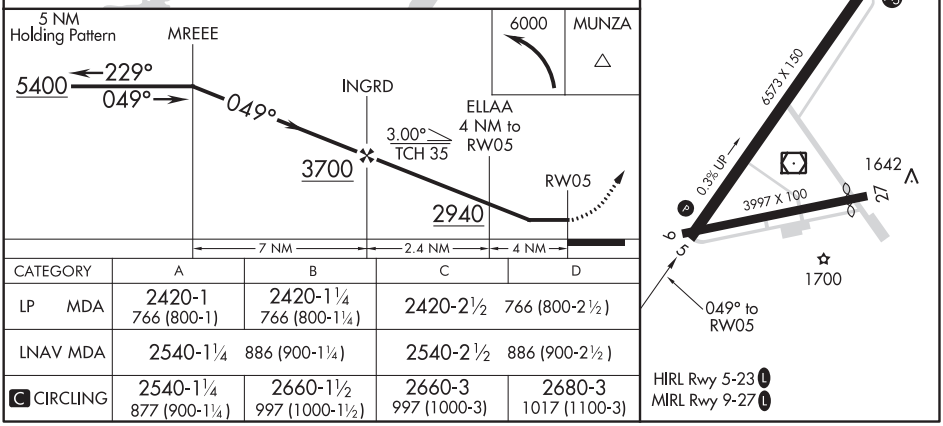
WAAS CH 48926 W05A	APP CRS 049°	Rwy ldg 6573 TDZE 1654 Apt Elev 1663

DME/DME RNP-0.3 NA.
Rwy 5 helicopter visibility reduction below 1 SM NA.
Straight-in Rwy 5 NA at night, Circling to Rwy 5, 9, 27 NA at night.
-28°C

MISSED APPROACH: Climbing left turn to 6000 direct MUNZA and hold, continue climb-in-hold to 6000.

ASOS	BOSTON CENTER	UNICOM
124.175	120.35 342.25	123.0 (CTAF) L





CATEGORY	A	B	C	D
LP MDA	2420-1 766 (800-1)	2420-1¼ 766 (800-1¼)	2420-2½ 766 (800-2½)	
LNAV MDA	2540-1¼ 886 (900-1¼)		2540-2½ 886 (900-2½)	
C CIRCLING	2540-1¼ 877 (900-1¼)	2660-1½ 997 (1000-1½)	2660-3 997 (1000-3)	2680-3 1017 (1100-3)

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

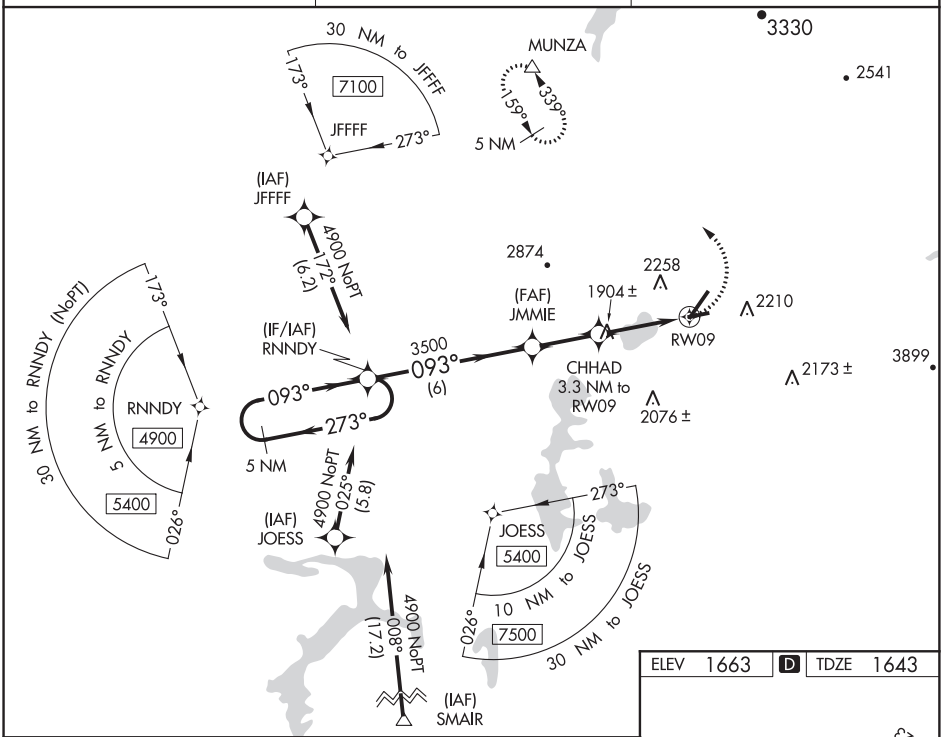
WAAS CH 93626 W09A	APP CRS 093°	Rwy ldg 3997 TDZE 1643 Apt Elev 1663

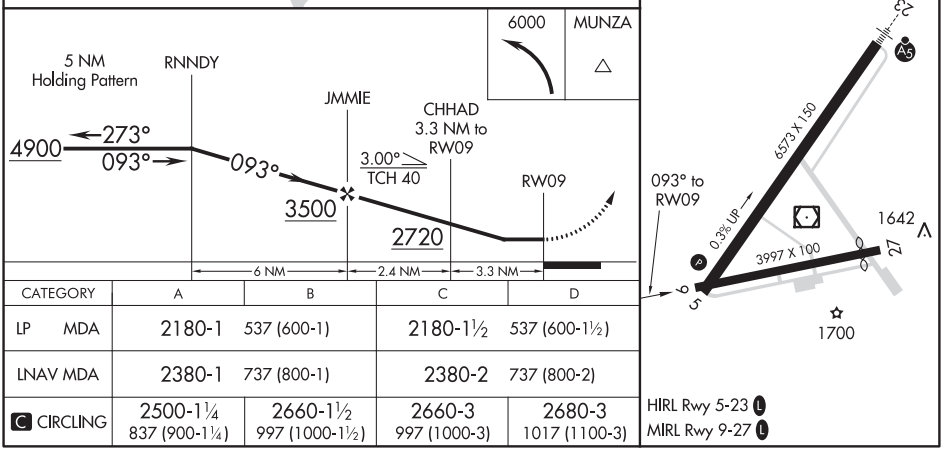
RNAV (GPS) RWY 9
ADIRONDACK RGNL (SLK)

DME/DME RNP-0.3 NA.
Straight-in Rwy 9 NA at night, Circling to Rwy 5, 9, 27 NA at night.
Rwy 9 helicopter visibility reduction below 1 SM NA. -28°C

MISSED APPROACH: Climbing left turn to 6000 direct MUNZA and hold, continue climb-in-hold to 6000.

ASOS	BOSTON CENTER	UNICOM
124.175	120.35 342.25	123.0 (CTAF) L





CATEGORY	A	B	C	D
LP MDA	2180-1 537 (600-1)		2180-1½ 537 (600-1½)	
LNAV MDA	2380-1 737 (800-1)		2380-2 737 (800-2)	
C CIRCLING	2500-1¼ 837 (900-1¼)	2660-1½ 997 (1000-1½)	2660-3 997 (1000-3)	2680-3 1017 (1100-3)

NE-2, 10 SEP 2020 to 05 NOV 2020
NE-2, 10 SEP 2020 to 05 NOV 2020

SARANAC LAKE, NEW YORK — AL-806 (FAA) — 20254

RNAV (GPS) RWY 23
ADIRONDACK RGNL (SLK)

WAAS CH 42520 W23A	APP CRS 229°	Rwy ldg 6333 TDZE 1663 Apt Elev 1663

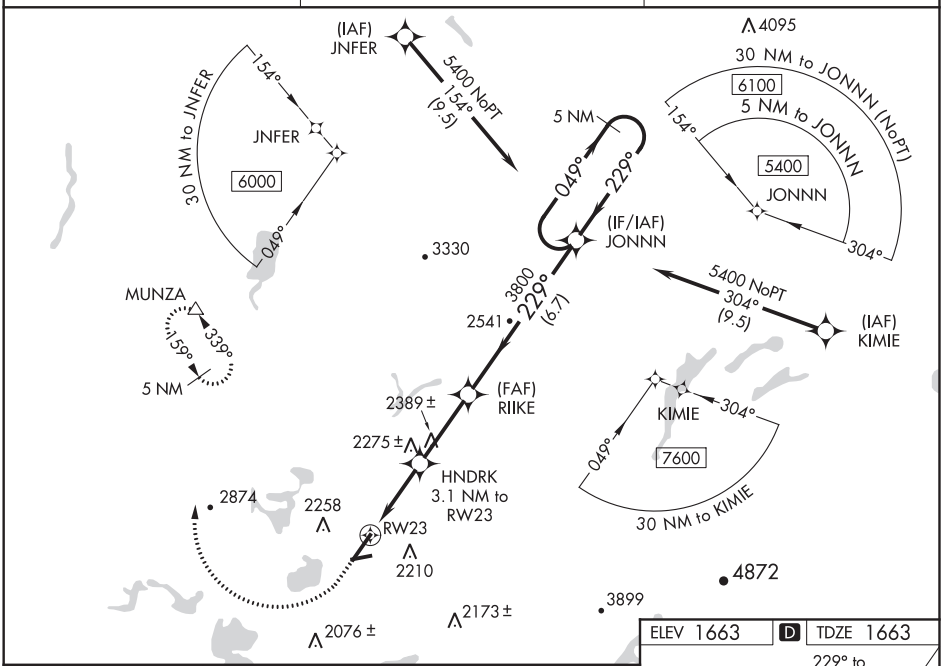
RNP APCH.

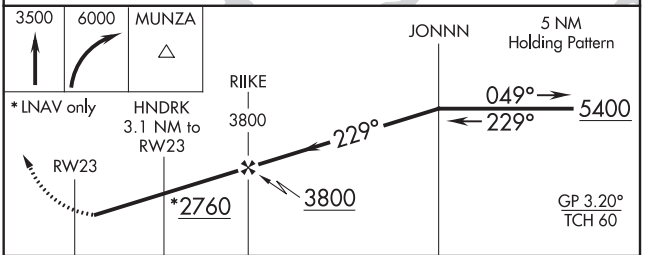
Circling to Rwy 5, 9, 27 NA at night. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -18°C (0°F) or above 54°C (130°F). Rwy 23 helicopter visibility reduction below ¾ SM NA. For inop ALS, increase LNAV/VNAV all Cats visibility to 1⅜ SM. -28°C

MALSR

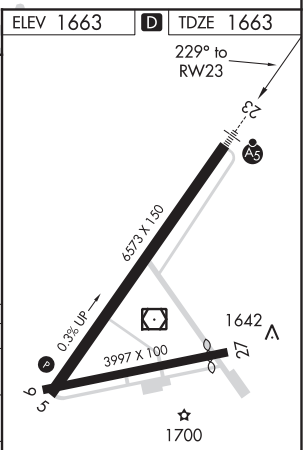
MISSED APPROACH: Climb to 3500 then climbing right turn to 6000 direct MUNZA and hold, continue climb-in-hold to 6000.

ASOS	BOSTON CENTER	UNICOM
124.175	120.35 342.25	123.0 (CTAF) L





CATEGORY	A	B	C	D
LPV DA	1863-¾ 200 (200-¾)			
LNAV/VNAV DA	2150-1 487 (500-1)			
LNAV MDA	2640-¾ 977 (1000-¾)	2640-1 977 (1000-1)	2640-2½ 977 (1000-2½)	
C CIRCLING	2640-1¼ 977 (1000-1¼)	2660-1½ 997 (1000-1½)	2660-3 997 (1000-3)	2680-3 1017 (1100-3)



HIRL Rwy 5-23 L
MIRL Rwy 9-27 L

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

APP CRS	Rwy ldg	4699
052°	TDZE	434
	Apt Elev	434

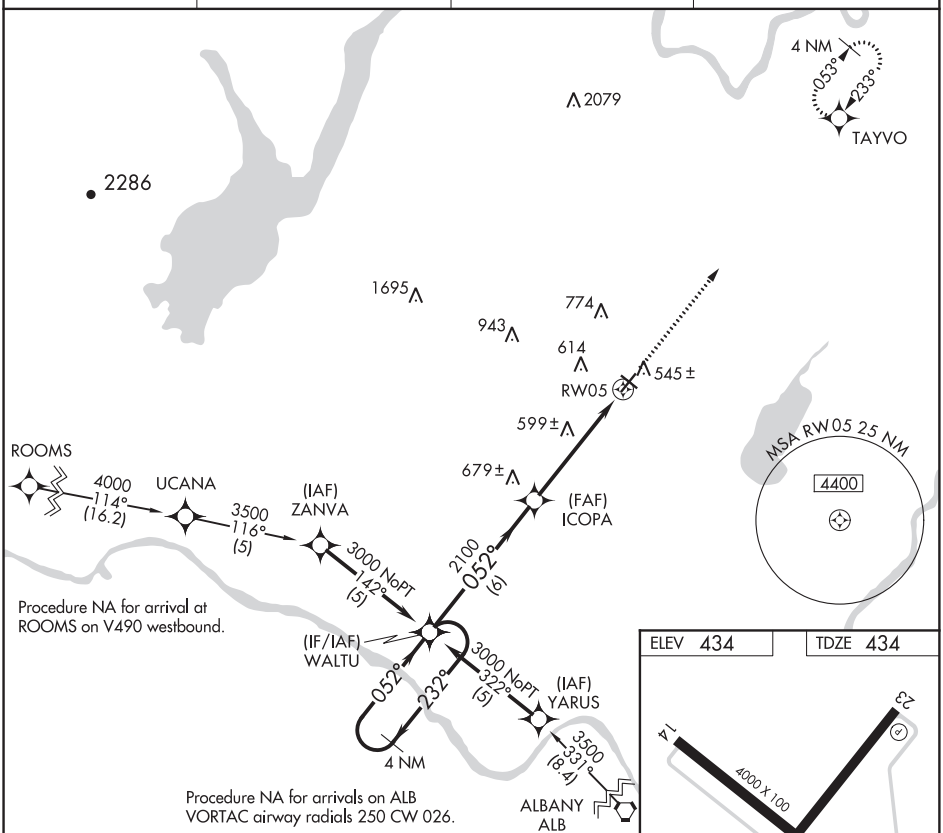
RNAV (GPS) RWY 5
SARATOGA COUNTY (5B2)

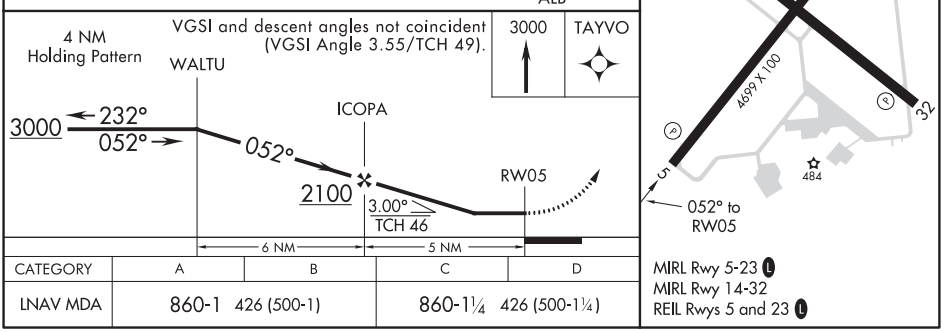
RNP APCH.

NA — Rwy 5 helicopter visibility reduction below 1 SM NA. When local altimeter setting not received, use Albany altimeter setting and increase all MDA 80 feet, and LNAV Cat C/D visibility ¼ mile. Procedure NA at night.

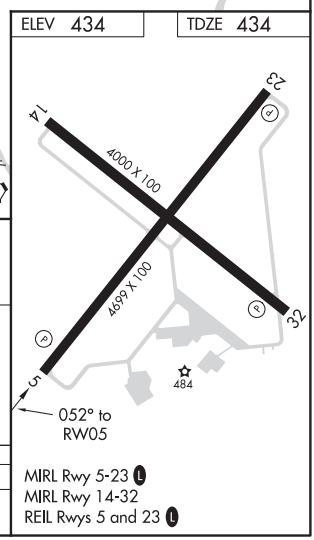
MISSED APPROACH: Climb to 3000 direct TAYVO and hold.

AWOS-3	ALBANY APP CON	CLNC DEL (GCO)	UNICOM
132.025	118.05 263.075	118.125	123.075 (CTAF) L





CATEGORY	A	B	C	D
LNAV MDA	860-1 426 (500-1)		860-1¼ 426 (500-1¼)	



MIRL Rwy 5-23 L
MIRL Rwy 14-32
REIL Rwys 5 and 23 L

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

SARATOGA SPRINGS, NEW YORK — AL-5816 (FAA) — 20254

WAAS CH 56611 W23A	APP CRS 233°	Rwy ldg 4699 TDZE 431 Apt Elev 434

RNAV (GPS) RWY 23
SARATOGA COUNTY (5B2)

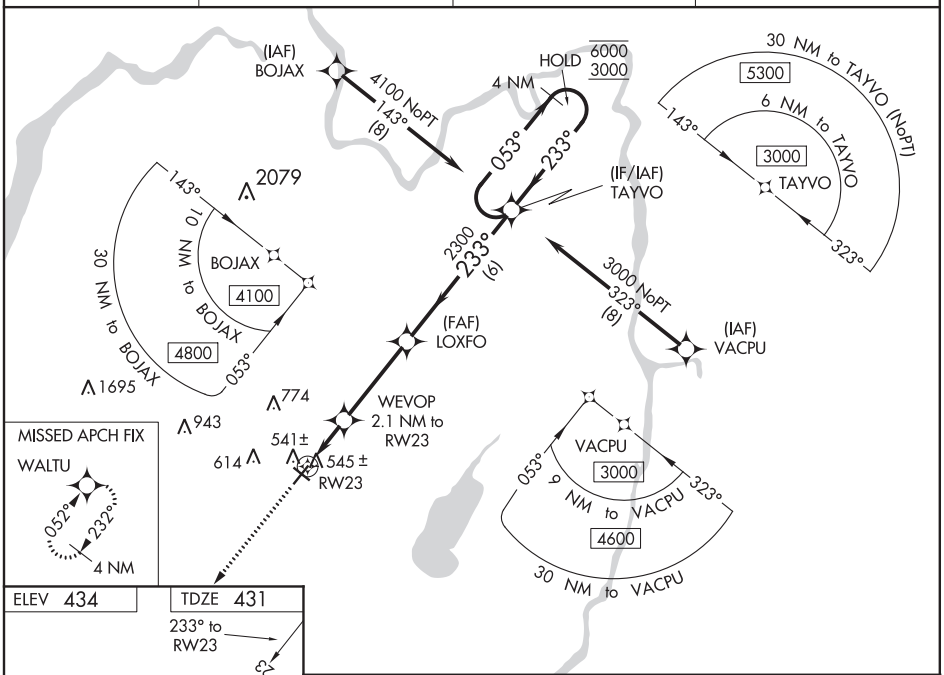
RNP APCH

NA

Baro-VNAV and VDP NA when using Albany altimeter setting. Rwy 23 helicopter visibility reduction below ¾ SM NA. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -15°C or above 54°C. Circling NA at night. When local altimeter setting not received, use Albany altimeter setting and increase all DAs 63 feet and MDAs 80 feet. Increase LPV and LNAV/VNAV all Cats visibility ⅛ SM, LNAV Cats C/D visibility ⅜ SM, and Circling Cat C visibility ¼ SM.

MISSED APPROACH: Climb to 3000 direct WALTU and hold.

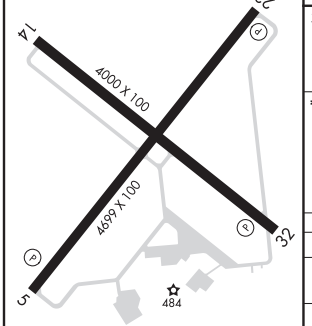
AWOS-3	ALBANY APP CON	CLNC DEL (GCO)	UNICOM
132.025	118.05 263.075	118.125	123.075 (CTAF) L



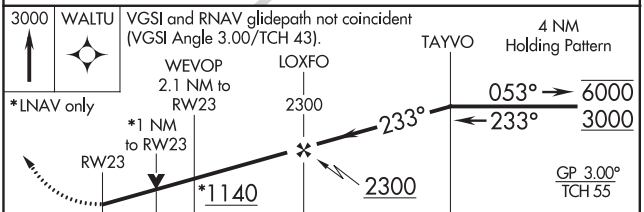
NE-2, 10 SEP 2020 to 05 NOV 2020

ELEV 434 | TDZE 431

233° to RW23



MIRL Rwy 5-23 L
MIRL Rwy 14-32
REIL Rwys 5 and 23 L



CATEGORY	A	B	C	D
LPV DA	698-⅞ 267 (300-⅞)			
LNAV/VNAV DA	706-⅞ 275 (300-⅞)			
LNAV MDA	800-1 369 (400-1)			
C CIRCLING	980-1 546 (600-1)	1080-1 646 (700-1)	1140-2 706 (800-2)	1340-3 906 (1000-3)

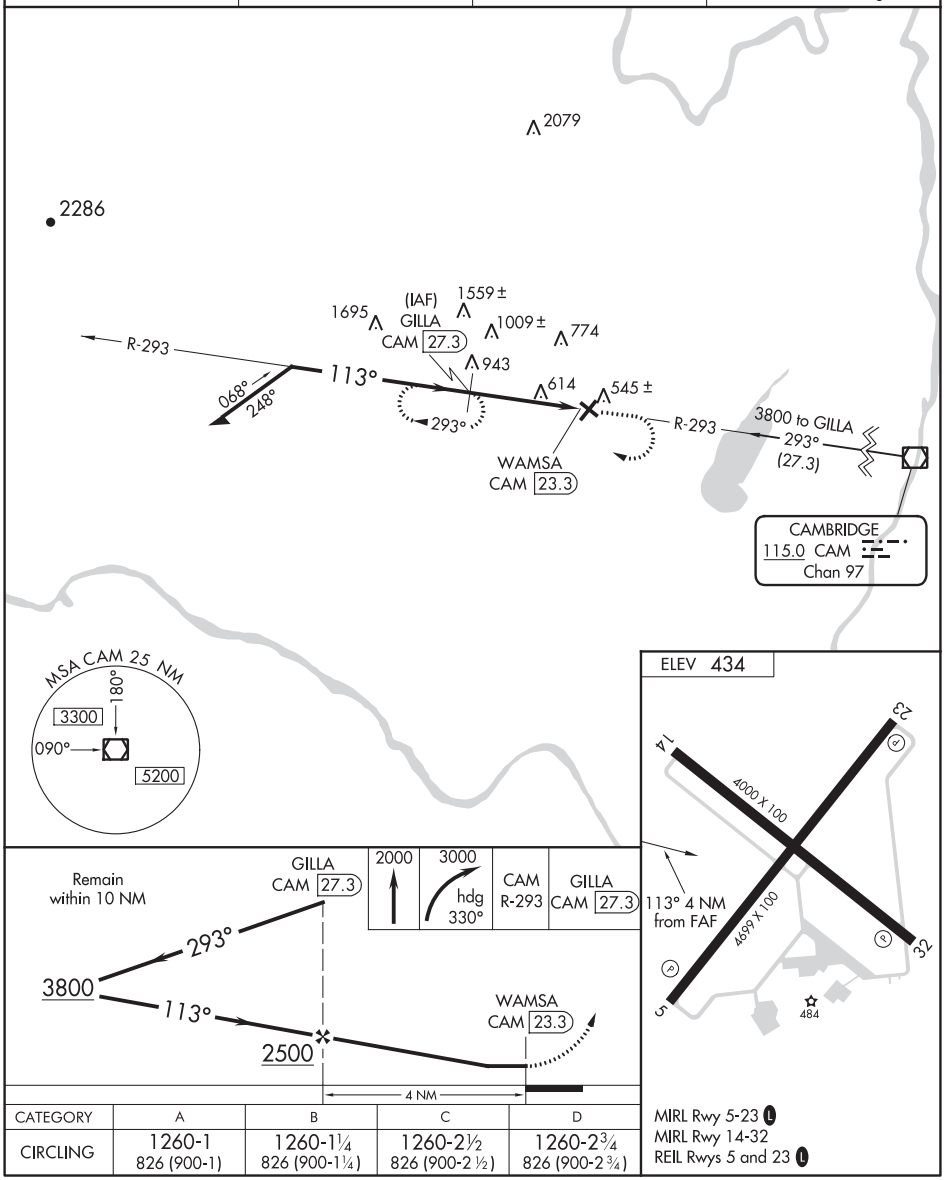
VOR/DME CAM	APP CRS	Rwy ldg	N/A
115.0	113°	TDZE	N/A
Chan 97		Apt Elev	434

VOR/DME-A
SARATOGA COUNTY (5B2)

When local altimeter setting not received use Albany altimeter setting and increase all MDA 80 feet, and Cat A, C and D visibility ¼ mile. Night landing: 5,14, 32 NA. Helicopter visibilty reduction below 1 SM NA.

MISSED APPROACH: Climb to 2000 then climbing right turn to 3000 via heading 330° and CAM VOR/DME R-293 to GILLA/CAM 27.3 DME and hold.

AWOS-3	ALBANY APP CON	CLNC DEL (GCO)	UNICOM
132.025	118.05 263.075	118.125	123.075 (CTAF) L



CATEGORY	A	B	C	D
CIRCLING	1260-1 826 (900-1)	1260-1¼ 826 (900-1¼)	1260-2½ 826 (900-2 ½)	1260-2¾ 826 (900-2 ¾)

MIRL Rwy 5-23 L
MIRL Rwy 14-32
REIL Rwys 5 and 23 L

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

SCHENECTADY, NEW YORK — AL-382 (FAA) — 20142

ILS or LOC RWY 4

SCHENECTADY COUNTY (SCH)

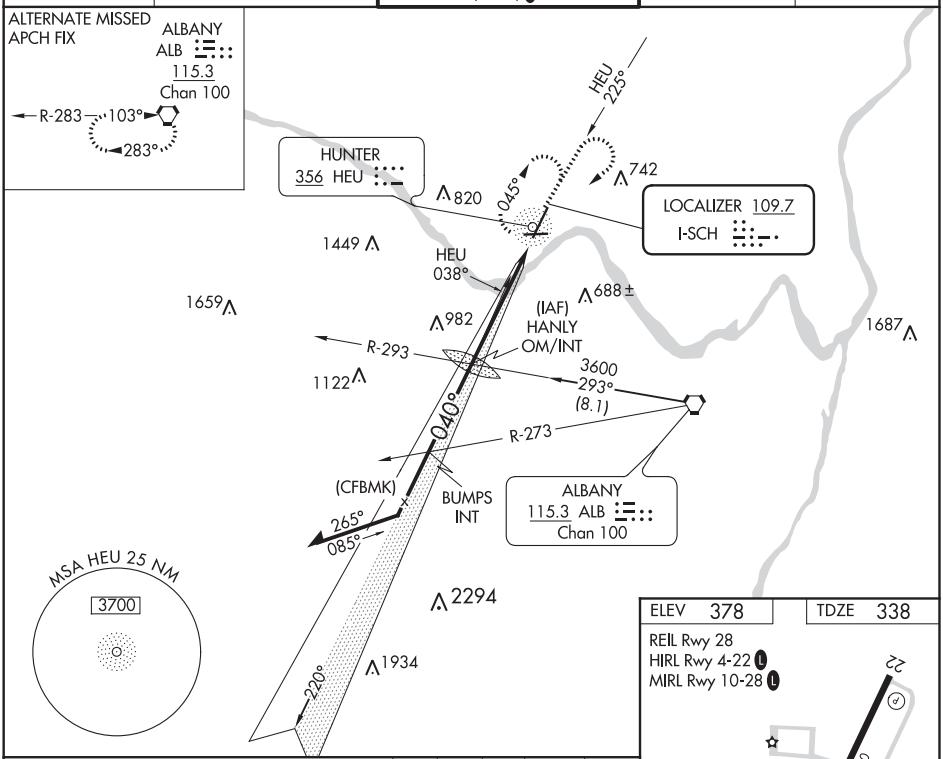
LOC I-SCH	APP CRS	Rwy ldg	7001
109.7	040°	TDZE	338
		Apt Elev	378

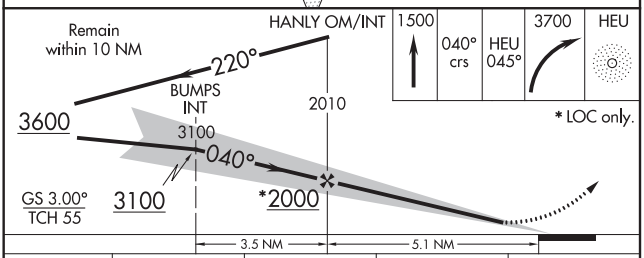
T A NA — Night landing: Rwy 10, 15, 33 NA. Inop table does not apply to S-ILS 4. For inop MALSR, increase S-LOC 4 Cat A/B visibility to 1 mile and Cat C/D visibility to 1⅜ mile. For inoperative MALSR when using Albany altimeter setting, increase S-LOC 4 Cat A/B visibility to 1mile. When using Albany altimeter setting inoperative table does not apply to S-ILS-4. ADF required. When local altimeter setting not received, use Albany altimeter setting and increase all DA 33 feet, and all MDA 40 feet. Helicopter visibility reduction below ¾ SM NA.

MALSR A5

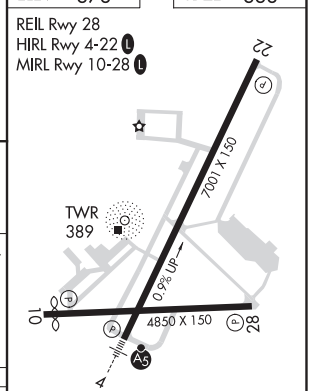
MISSED APPROACH: Climb to 1500 on 040° course and on HEU NDB bearing 045° then climbing right turn to 3700 direct HEU NDB and hold, continue climb-in-hold to 3700.

AWOS-3	ALBANY APP CON	SCHENECTADY TOWER ★	GND CON	UNICOM
119.275	118.05 263.075	121.3 (CTAF) L 321.1	121.9	122.95





CATEGORY	A	B	C	D
S-ILS 4	538-¾ 200 (200-¾)			
S-LOC 4	820-¾ 482 (500-¾)		820-1 482 (500-1)	
CIRCLING	880-1 502 (600-1)		880-1½ 502 (600-1½)	980-2 602 (700-2)



FAF to MAP 5.1 NM

Knots	60	90	120	150	180
Min:Sec	5:06	3:24	2:33	2:02	1:42

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

WAAS CH 42722 W04A	APP CRS 040°	Rwy ldg 7001 TDZE 338 Apt Elev 378

RNAV (GPS) RWY 4
SCHENECTADY COUNTY (SCH)

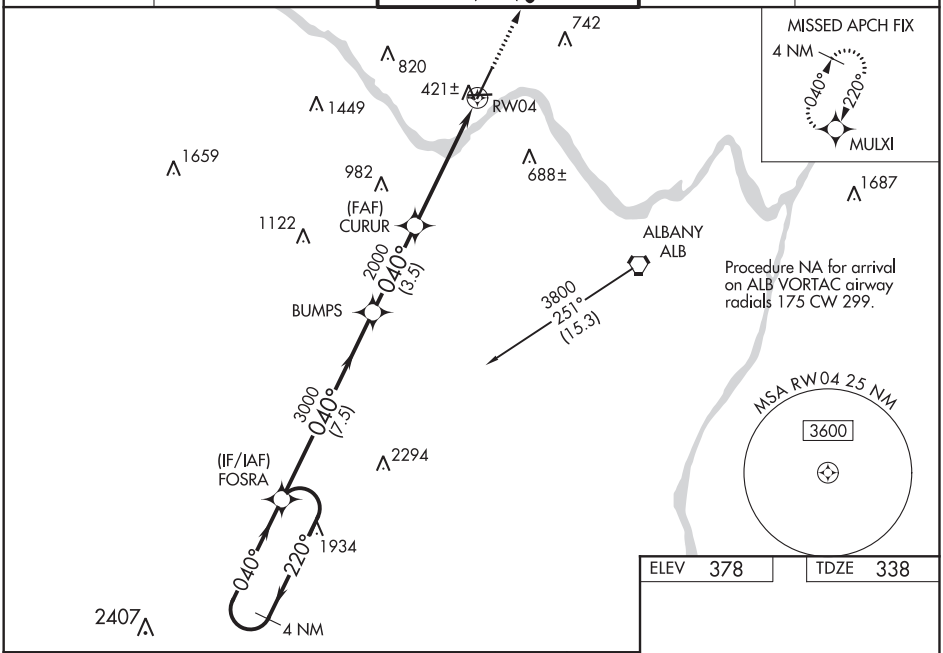
T A NA

Night landing: Rwy 10, 15, 33 NA. Baro-VNAV NA when using Albany altimeter setting. For inop MALSR, increase LNAV/VNAV all Cats visibility to ⅞ mile and LNAV Cat A/B visibility to 1 mile, Cat C/D to 1⅜ mile. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -15°C (5°F) or above 54°C (130°F). DME/DME RNP-0.3 NA. VDP NA with Albany altimeter setting. When local altimeter setting not received, use Albany altimeter setting and increase all DA 33 feet and all MDA 40 feet. For inop MALSR when using Albany altimeter setting, increase LNAV/VNAV all Cats and LNAV Cat A/B visiblity to 1 mile and Cat C/D visibility to 1⅜ mile. Inop table does not apply to LPV. When using Albany altimeter setting inop table does not apply to LPV. Helicopter visibility reduction below ¾ SM NA.

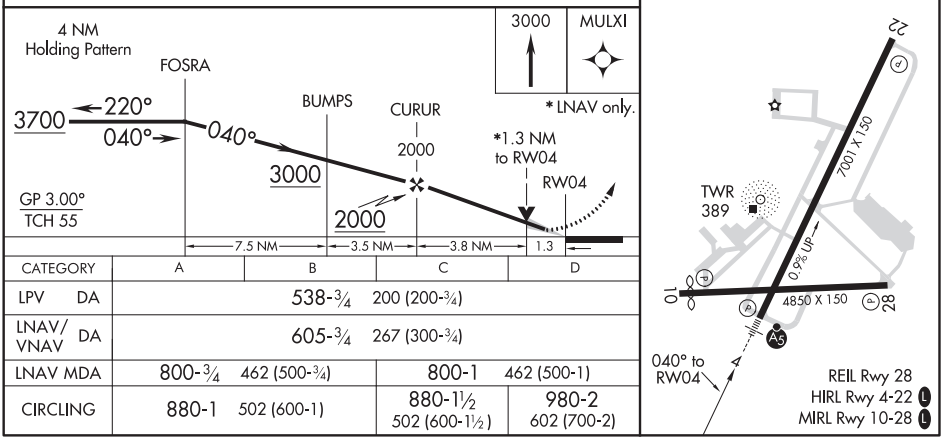
MALSR A5

MISSED APPROACH: Climb to 3000 direct MULXI and hold.

AWOS-3	ALBANY APP CON	SCHENECTADY TOWER ★	GND CON	UNICOM
119.275	118.05 263.075	121.3 (CTAF) L 321.1	121.9	122.95



ELEV 378	TDZE 338



CATEGORY	A	B	C	D
LPV DA	538-¾ 200 (200-¾)			
LNAV/VNAV DA	605-¾ 267 (300-¾)			
LNAV MDA	800-¾ 462 (500-¾)		800-1 462 (500-1)	
CIRCLING	880-1 502 (600-1)		880-1½ 502 (600-1½)	980-2 602 (700-2)

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

SCHENECTADY, NEW YORK AL-382 (FAA) 20198

RNAV (GPS) RWY 10

SCHENECTADY COUNTY (SCH)

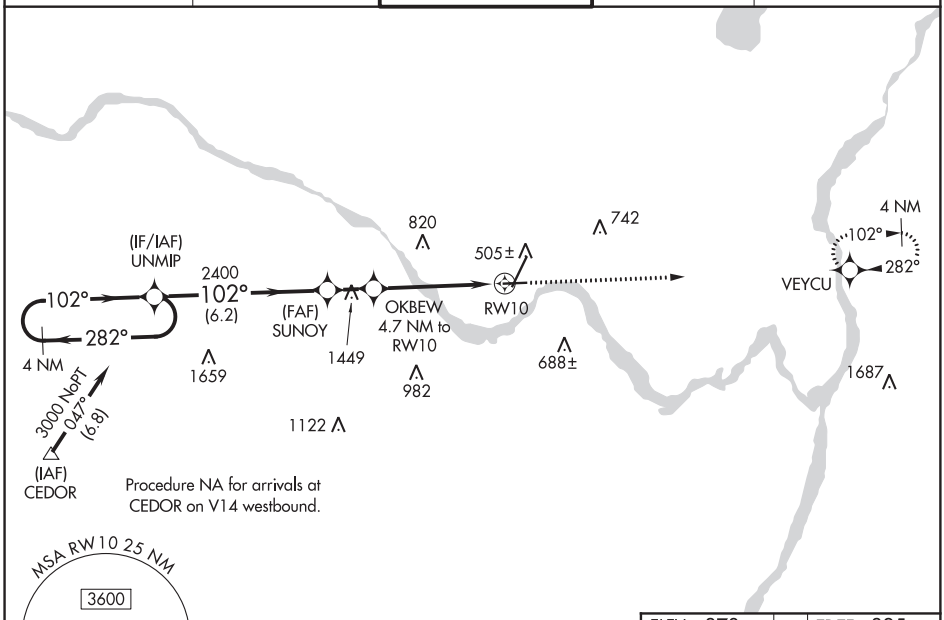
WAAS CH 78224 W10A	APP CRS 102°	Rwy ldg 4650 TDZE 325 Apt Elev 378

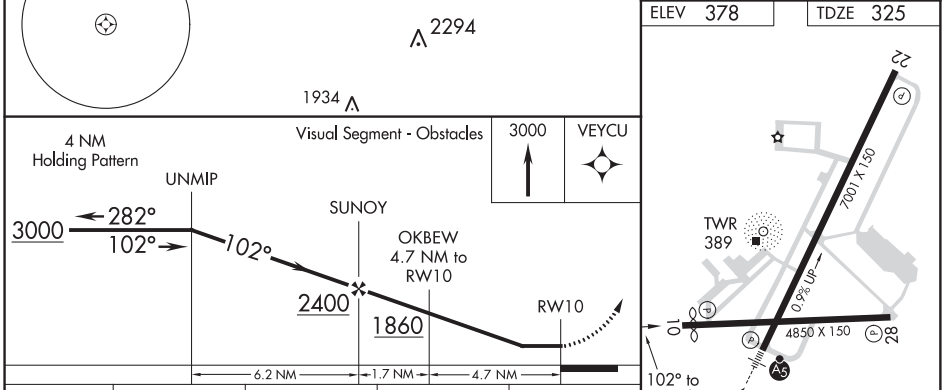
NA

DME/DME RNP-0.3 NA. When local altimeter setting not received, use Albany altimeter setting and increase all MDA 40 feet; increase LNAV Cat B and Circling Cat B/D visibility ¼ mile, and LNAV Cat C/D and Circling Cat C visibility ½ mile. Night landing: Rwy 10,15, 33 NA. Helicopter visibility reduction below 1 SM NA.

MISSED APPROACH: Climb to 3000 direct VEYCU and hold.

AWOS-3	ALBANY APP CON	SCHENECTADY TOWER ★	GND CON	UNICOM
119.275	118.05 263.075	121.3 (CTAF) L 321.1	121.9	122.95





CATEGORY	A	B	C	D
LP MDA	1220-1¼ 895 (900-1¼)		1220-2½ 895 (900-2½)	
LNAV MDA	1240-1¼ 915 (900-1¼)		1240-2½ 915 (900-2½)	
CIRCLING	1240-1¼ 862 (900-1¼)		1240-2½ 862 (900-2½)	1240-2¾ 862 (900-2¾)

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

WAAS CH 58122 W22A	APP CRS 220°	Rwy ldg 7001 TDZE 378 Apt Elev 378

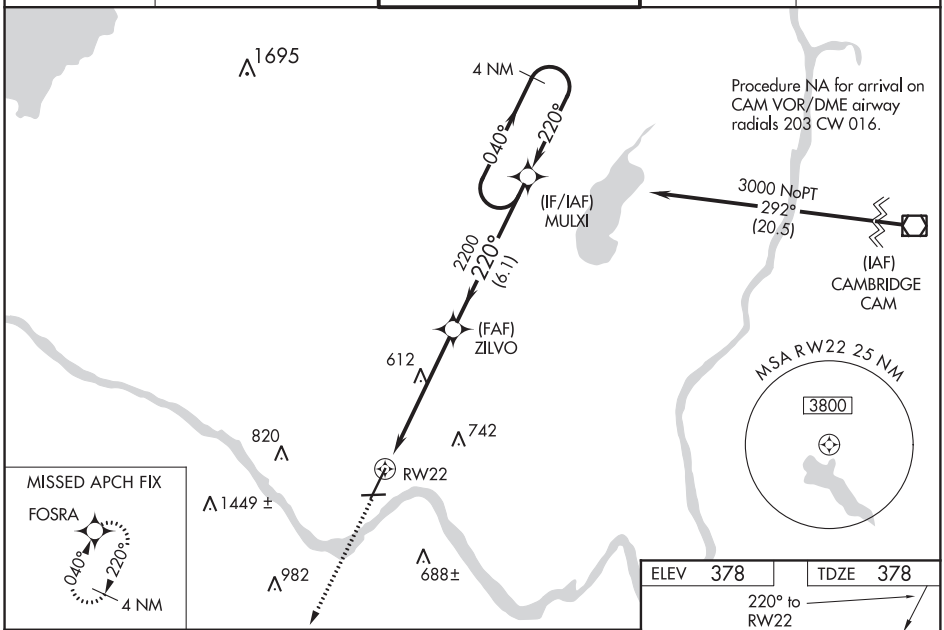
RNAV (GPS) RWY 22
SCHENECTADY COUNTY (SCH)

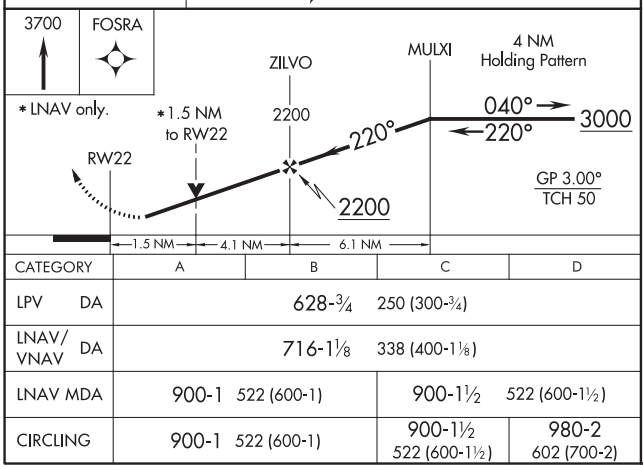
NA

Night Landing: Rwy 10, 15, 33 NA. Baro-VNAV NA when using Albany altimeter setting. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -15°C (5°F) or above 54°C (130°F). DME/DME RNP-0.3 NA. Helicopter visibility reduction below ¾ SM NA. VDP NA with Albany altimeter setting. When local altimeter setting not received, use Albany altimeter setting and increase LPV DA to 661, LNAV/VNAV DA to 749, and all MDA 40 feet, increase LPV and LNAV/VNAV all Cats, LNAV Cat C and D and Circling Cat C visibility ⅛ mile.

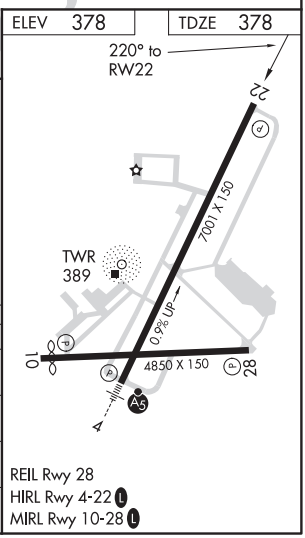
MISSED APPROACH: Climb to 3700 direct FOSRA and hold.

AWOS-3	ALBANY APP CON	SCHENECTADY TOWER ★	GND CON	UNICOM
119.275	118.05 263.075	121.3 (CTAF) L 321.1	121.9	122.95





CATEGORY	A	B	C	D
LPV DA	628-¾ 250 (300-¾)			
LNAV/VNAV DA	716-1⅛ 338 (400-1⅛)			
LNAV MDA	900-1 522 (600-1)		900-1½ 522 (600-1½)	
CIRCLING	900-1 522 (600-1)		900-1½ 522 (600-1½)	980-2 602 (700-2)



REIL Rwy 28
HIRL Rwy 4-22 L
MIRL Rwy 10-28 L

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

SCHENECTADY, NEW YORK — AL-382 (FAA) — 20142

RNAV (GPS) RWY 28
SCHENECTADY COUNTY (SCH)

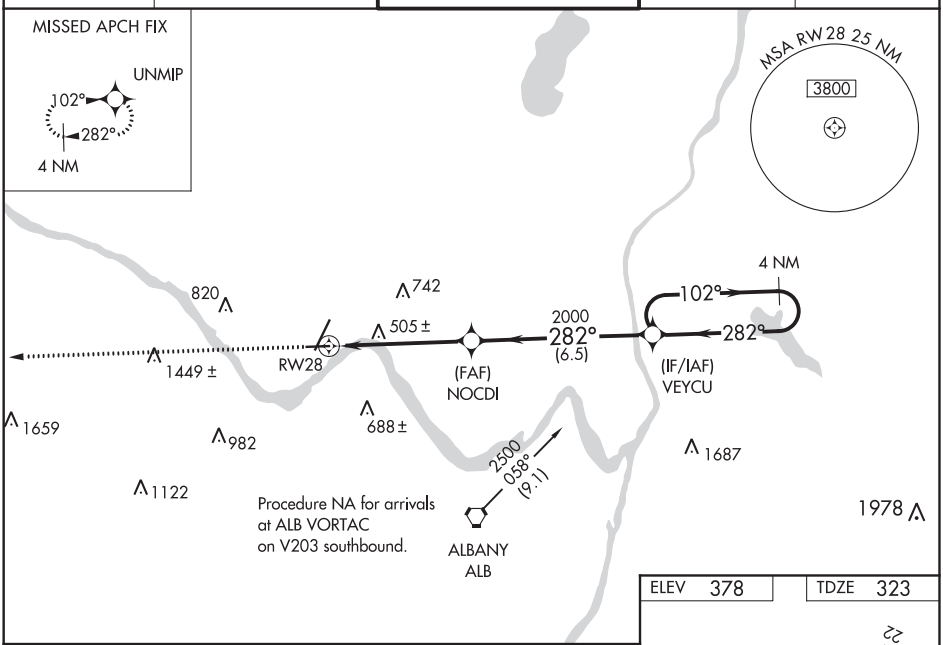
WAAS CH 97622 W28A	APP CRS 282°	Rwy ldg 4850 TDZE 323 Apt Elev 378

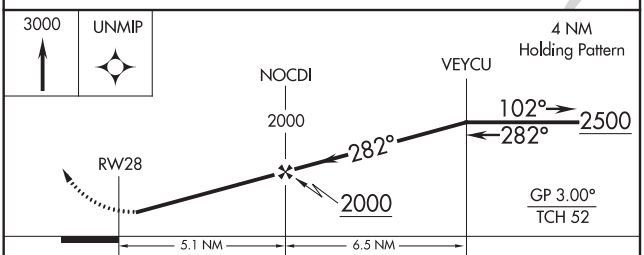
NA

Night Landing: Rwy 10, 15, 33 NA. Baro-VNAV NA when using Albany altimeter setting. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -15°C (5°F) or above 54°C (130°F). DME/DME RNP-0.3 NA. Helicopter visibility reduction below 1 SM NA. When local altimeter setting not received, use Albany altimeter setting and increase all DA 33 feet and all MDA 40 feet; increase LNAV/VNAV all Cats visibility and LNAV Cat C/D visibility ⅛ mile.

MISSED APPROACH: Climb to 3000 direct UNMIP and hold.

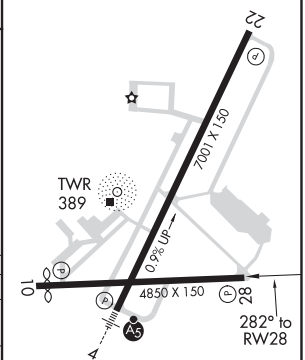
AWOS-3	ALBANY APP CON	SCHENECTADY TOWER ★	GND CON	UNICOM
119.275	118.05 263.075	121.3 (CTAF) L 321.1	121.9	122.95





CATEGORY	A	B	C	D
LPV DA	618-1 295 (300-1)			
LNAV/VNAV DA	774-1½ 451 (400-1½)			
LNAV MDA	820-1 497 (500-1)		820-1⅜ 497 (500-1⅜)	
CIRCLING	880-1 502 (600-1)		880-1½ 502 (600-1½)	980-2 602 (700-2)

ELEV 378	TDZE 323



REIL Rwy 28
HIRL Rwy 4-22 L
MIRL Rwy 10-28 L

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

NDB RWY 22

SCHENECTADY COUNTY (SCH)

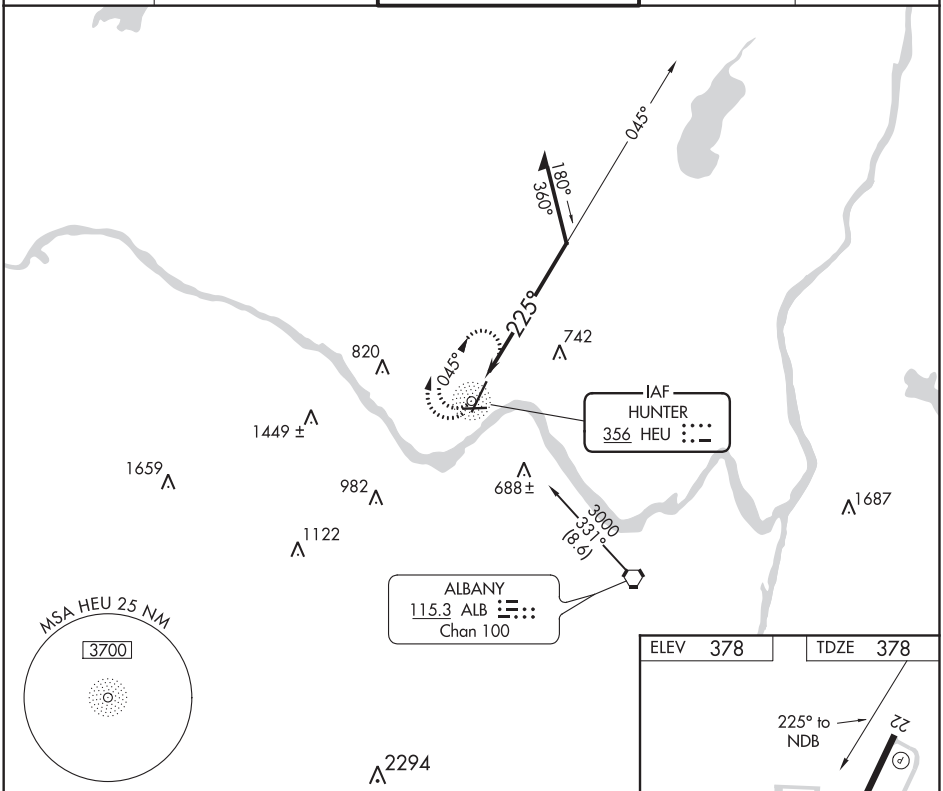
NDB HEU	APP CRS		
356	225°	Rwy ldg	7001
		TDZE	378
		Apt Elev	378

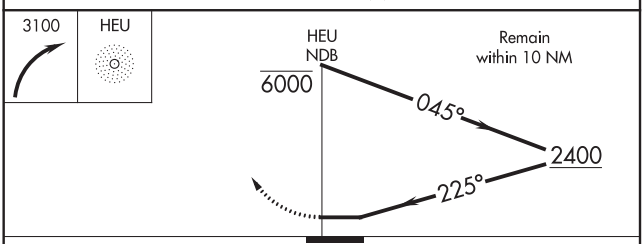
T
A NA

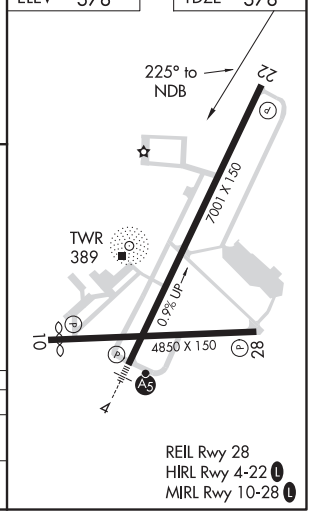
Helicopter visibility reduction below 1 SM NA. When local altimeter setting not received, use Albany altimeter setting and increase all MDA 40 feet, and increase Circling Cat A/D visibility ¼ mile. Night Landing: Rwy 10, 15, 33 NA.

MISSED APPROACH: Climbing right turn to 3100 in HEU NDB holding pattern.

AWOS-3	ALBANY APP CON	SCHENECTADY TOWER ★	GND CON	UNICOM
119.275	118.05 263.075	121.3 (CTAF) L 321.1	121.9	122.95







CATEGORY	A	B	C	D
S-22	1160-1 782 (800-1)	1160-1¼ 782 (800-1¼)	1160-2½	782 (800-2½)
CIRCLING	1160-1 782 (800-1)	1160-1¼ 782 (800-1¼)	1160-2½	782 (800-2½)

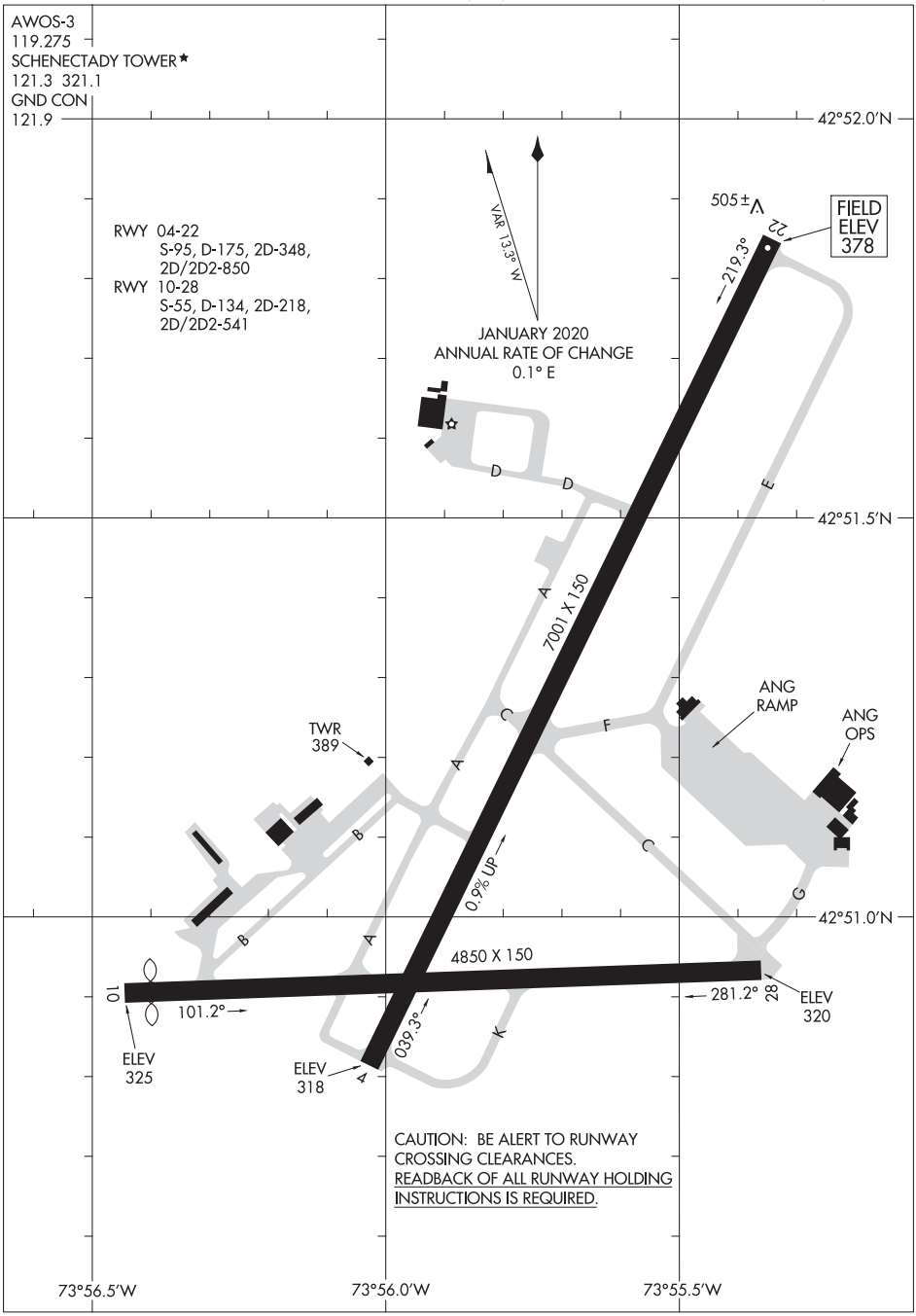
NE-2, 10 SEP 2020 to 05 NOV 2020
NE-2, 10 SEP 2020 to 05 NOV 2020

20254

AIRPORT DIAGRAM

AL-382 (FAA)

SCHENECTADY COUNTY (SCH)
SCHENECTADY, NEW YORK



NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

AIRPORT DIAGRAM
20254
SCHENECTADY, NEW YORK
SCHENECTADY COUNTY (SCH)

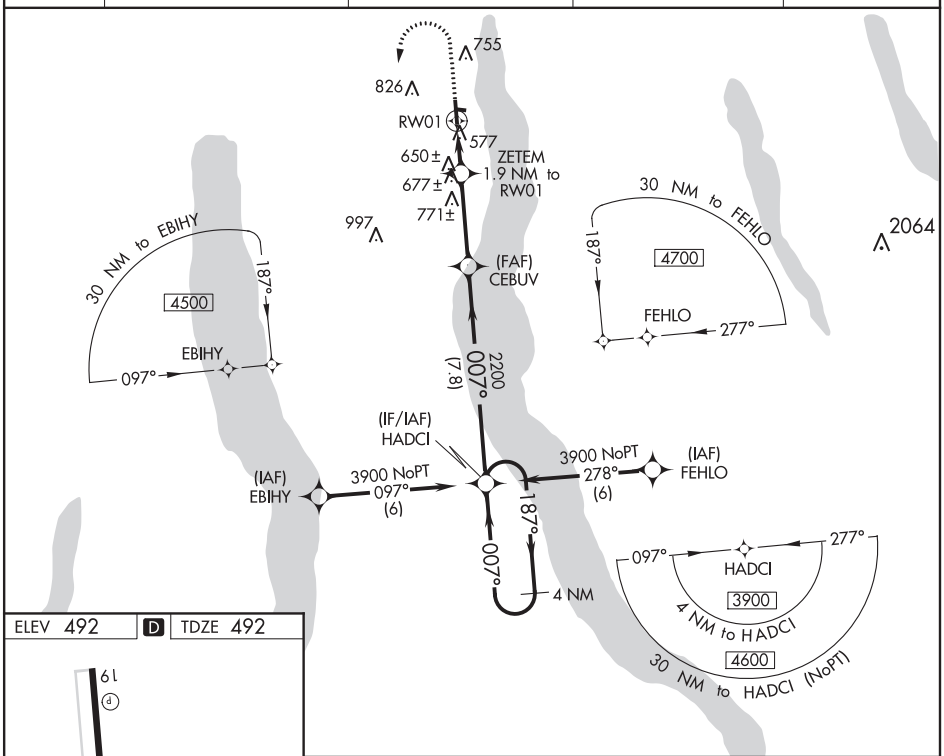
WAAS CH 81936 W01A	APP CRS 007°	Rwy ldg 4199 TDZE 492 Apt Elev 492

RNAV (GPS) RWY 1
FINGER LAKES RGNL (ØG7)

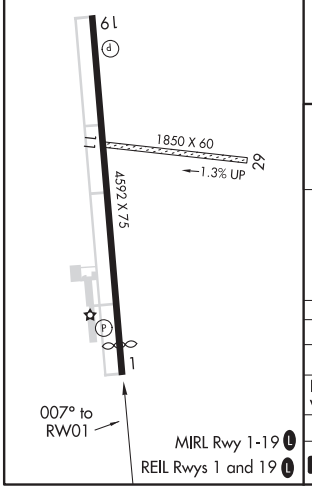
For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -1.5°C (5°F) or above 54°C (130°F). Baro-VNAV and VDP NA when using Syracuse altimeter setting. Rwy 1 helicopter visibility reduction below ¾ SM NA. DME/DME RNP-0.3 NA. When local altimeter setting not received, use Syracuse altimeter setting and increase all DA 86 feet and all visibility ¼ SM, increase all MDA 100 feet.

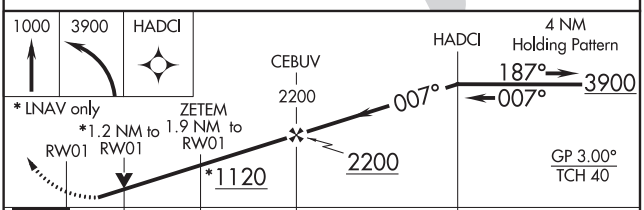
MISSED APPROACH: Climb to 1000 then climbing left turn to 3900 direct HADCI and hold, continue climb-in-hold to 3900.

AWOS-3	SYRACUSE APP CON	ROCHESTER APP CON	ELMIRA APP CON ★	UNICOM
120.0	126.125 269.125	119.55 269.6 (W-NW)	124.3 257.8 (SW-SE)	122.8 (CTAF) L



ELEV 492 | D | TDZE 492





CATEGORY	A	B	C	D
LPV DA	742-⅞	250 (300-⅞)	NA	
LNAV/VNAV DA	959-1⅝	467 (500-1⅝)	NA	
LNAV MDA	900-1	408 (500-1)	NA	
C CIRCLING	980-1 488 (500-1)	1180-1 688 (700-1)	NA	

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

SENECA FALLS, NEW YORK — AL-9528 (FAA) — 20086

RNAV (GPS) RWY 19
FINGER LAKES RGNL (ØG7)

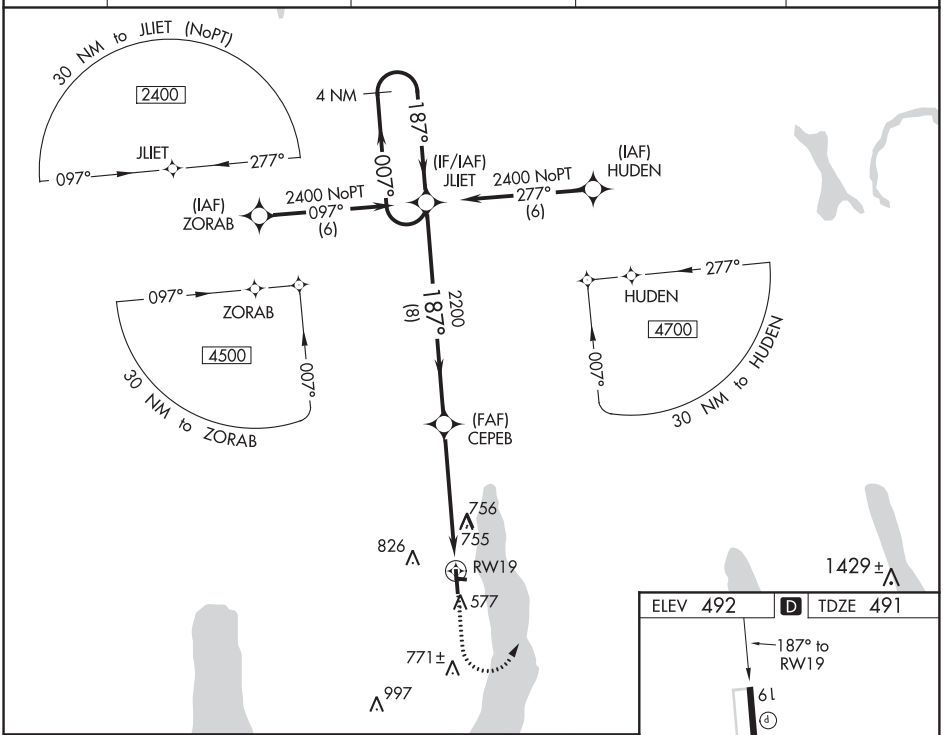
WAAS CH 77636 W19A	APP CRS 187°	Rwy ldg 4292 TDZE 491 Apt Elev 492

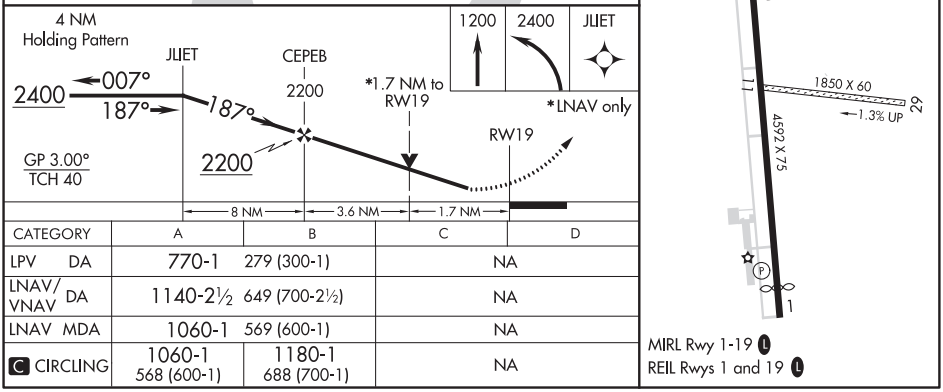
For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -15°C (5°F) or above 54°C (130°F). Baro-VNAV and VDP NA when using Syracuse altimeter setting. Rwy 19 helicopter visibility reduction below ¾ SM NA. DME/DME RNP-0.3 NA. When local altimeter setting not received, use Syracuse altimeter setting and increase all LPV DA to 856 feet, LNAV/VNAV DA to 1226 feet and all MDA 100 feet; increase LPV all Cats visibility ¼ SM and LNAV/VNAV all Cats visibility ½ SM.

T A NA

MISSED APPROACH: Climb to 1200 then climbing left turn to 2400 direct JLIET and hold.

AWOS-3	SYRACUSE APP CON	ROCHESTER APP CON	ELMIRA APP CON ★	UNICOM
120.0	126.125 269.125	119.55 269.6 (W-NW)	124.3 257.8 (SW-SE)	122.8 (CTAF) L





CATEGORY	A	B	C	D
LPV DA	770-1	279 (300-1)	NA	
LNAV/VNAV DA	1140-2½	649 (700-2½)	NA	
LNAV MDA	1060-1	569 (600-1)	NA	
C CIRCLING	1060-1 568 (600-1)	1180-1 688 (700-1)	NA	

MIRL Rwy 1-19 L
REIL Rwys 1 and 19 L

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

LOC I-HWV	APP CRS	Rwy ldg	4201
108.95	059°	TDZE	76
		Apt Elev	81

ILS or LOC RWY 6
BROOKHAVEN (HWV)

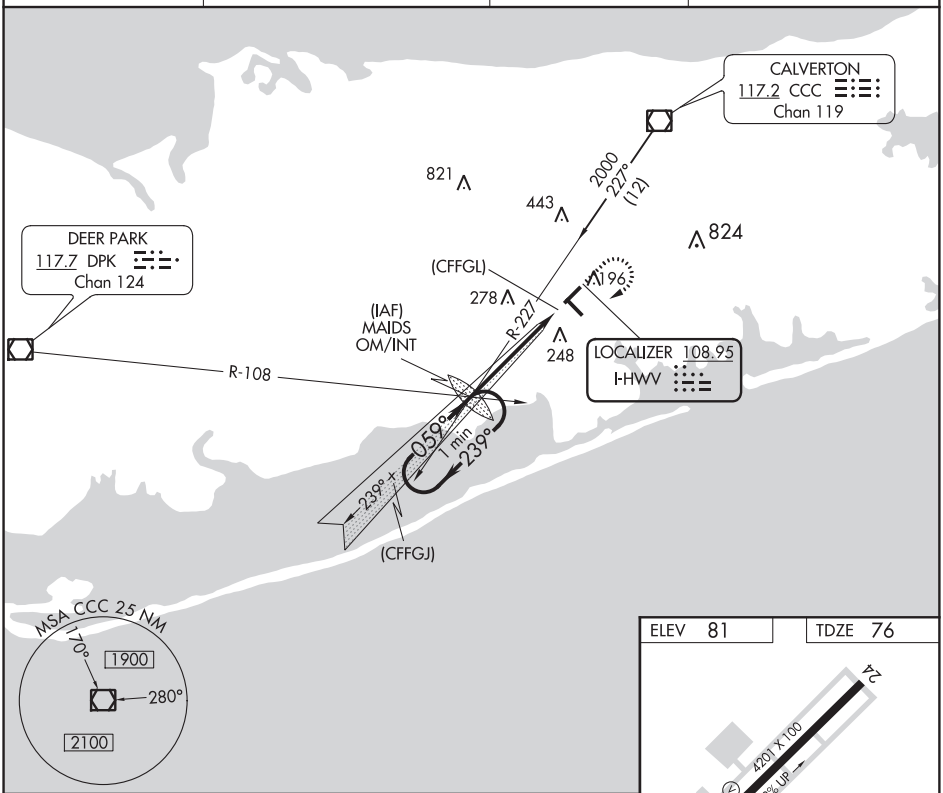
T NA

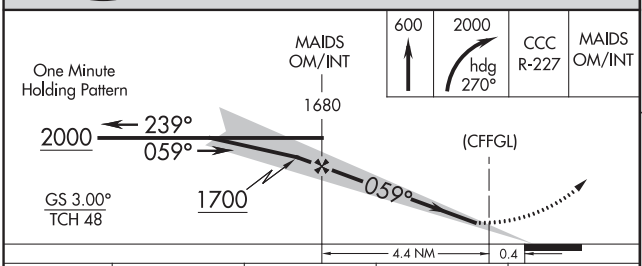
Helicopter visibility reduction below ¾ SM NA. When local altimeter setting not received, use Long Island Mac Arthur altimeter setting and increase all DA 28 feet and all MDA 40 feet. For inoperative MALSR, increase S-ILS 6 all Cats visibility to ⅞, and S-LOC 6 all Cats visibility to 1 mile. ILS localizer unusable 0.4 NM to threshold.

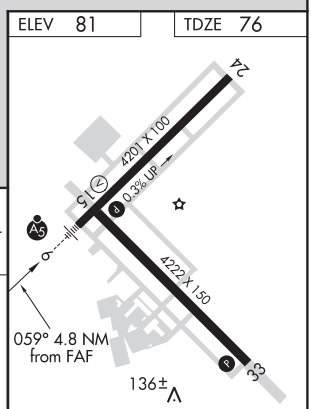
MALSR

MISSED APPROACH: Climb to 600 then climbing right turn to 2000 on heading 270° and CCC VOR/DME R-227 to MAIDS OM/INT and hold, continue climb-in-hold to 2000.

ASOS	NEW YORK APP CON	CLNC DEL	UNICOM
119.625	120.05 343.75	133.2	122.8 (CTAF) L







REIL Rwys 15, 24 and 33 L
MIRL Rwys 6-24 and 15-33 L

CATEGORY	A	B	C	D
S-ILS 6	337-¾ 261 (300-¾)		NA	
S-LOC 6	520-¾ 444 (500-¾)		NA	
C CIRCLING	560-1 479 (500-1)		NA	

FAF to MAP 4.4 NM					
Knots	60	90	120	150	180
Min:Sec	4:24	2:56	2:12	1:46	1:28

NE-2, 10 SEP 2020 to 05 NOV 2020
NE-2, 10 SEP 2020 to 05 NOV 2020

SHIRLEY, NEW YORK | AL-5603 (FAA) | 20142

WAAS CH 57925 W06A	APP CRS 059°	Rwy ldg 4201 TDZE 76 Apt Elev 81

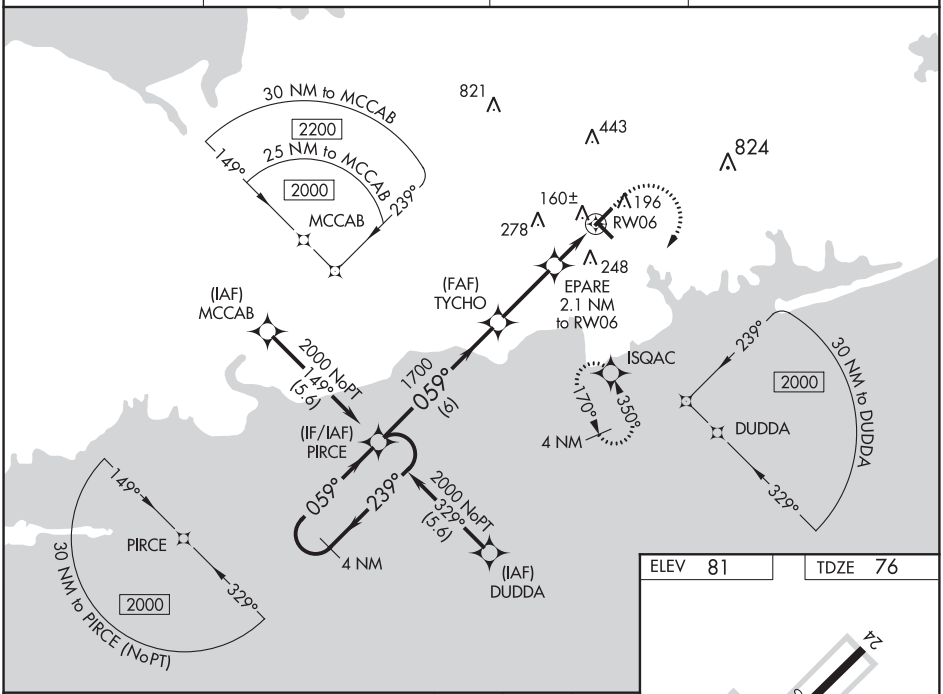
RNAV (GPS) RWY 6
BROOKHAVEN (HWV)

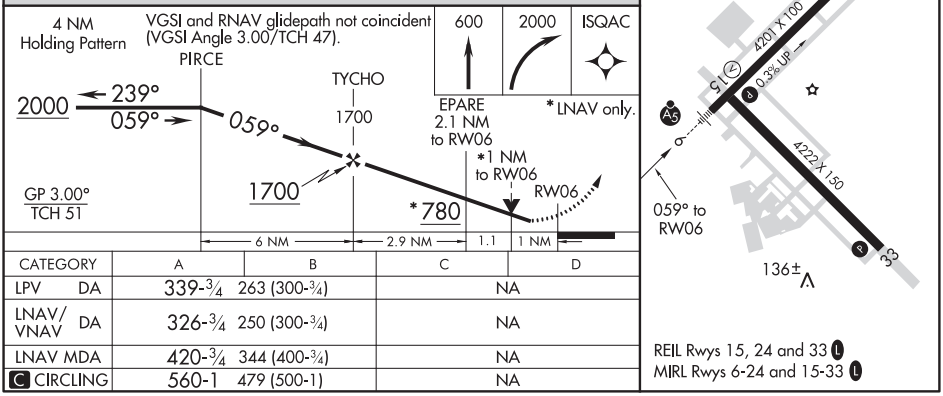
DME/DME RNP-0.3 NA. Helicopter visibility reduction below ¾ SM NA. When local altimeter setting not received, use Islip altimeter setting and increase all DA 28 feet and all MDA 40 feet. Inoperative table does not apply to LNAV/VNAV. For inoperative MALSR, increase LPV all Cats visibility to ⅞ mile, increase LNAV all Cats visibility to 1 mile. For inoperative MALSR when using Islip altimeter setting, increase LPV and LNAV/VNAV all Cats visibility to ⅞ mile, increase LNAV all Cats visibility to 1 mile. Baro-VNAV and VDP NA with Islip altimeter setting. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -15°C (5°F) or above 54°C (130°F).

MALSR

MISSED APPROACH: Climb to 600 then climbing right turn to 2000 direct ISQAC and hold.

ASOS	NEW YORK APP CON	CLNC DEL	UNICOM
119.625	120.05 343.75	133.2	122.8 (CTAF) L





CATEGORY	A	B	C	D
LPV DA	339-¾ 263 (300-¾)		NA	
LNAV/VNAV DA	326-¾ 250 (300-¾)		NA	
LNAV MDA	420-¾ 344 (400-¾)		NA	
C CIRCLING	560-1 479 (500-1)		NA	

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

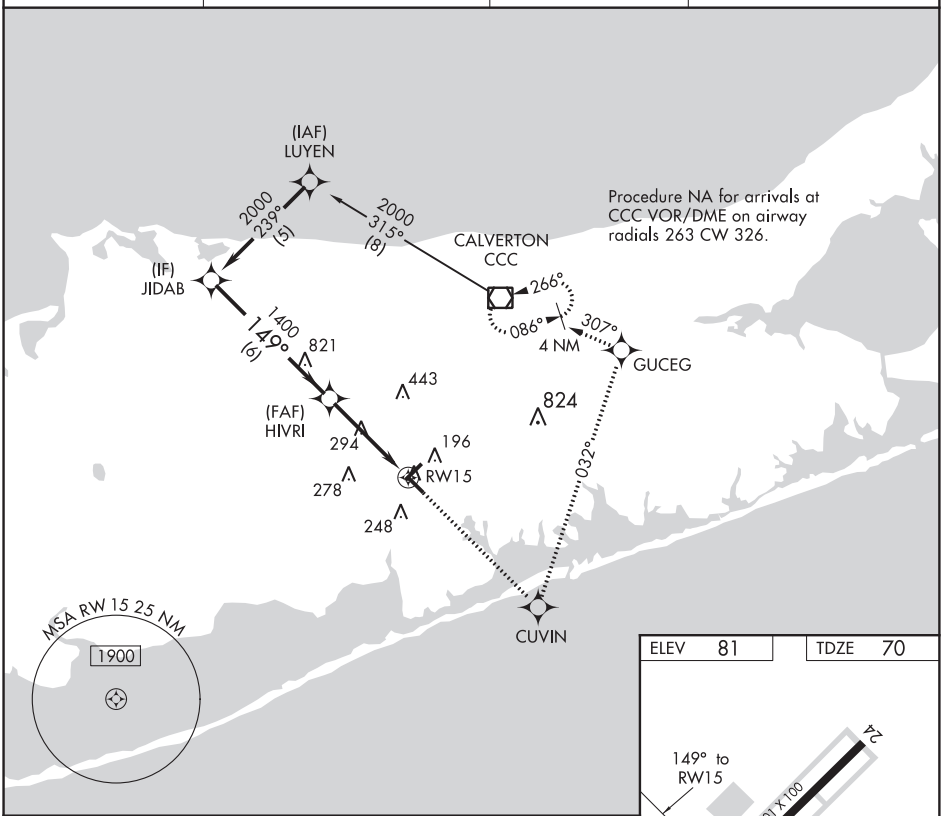
WAAS CH 90402 W15A	APP CRS 149°	Rwy ldg 4222 TDZE 70 Apt Elev 81

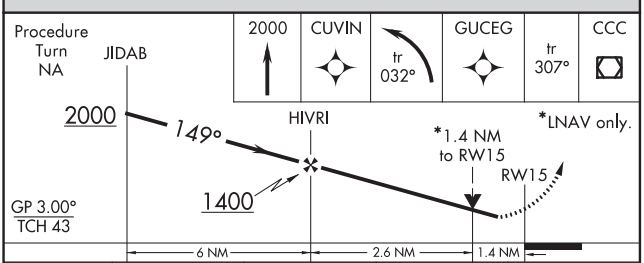
RNAV (GPS) RWY 15
BROOKHAVEN (HWV)

DME/DME RNP-0.3 NA. Visibility reduction by helicopters NA. If local altimeter setting not received, use Islip altimeter setting and increase LPV DA to 420 and all MDAs 40 feet. VDP NA when using Islip altimeter setting.

MISSED APPROACH: Climb to 2000 direct CUVIN and left turn via 032° track to GUCEG and 307° track to CCC VOR/DME and hold.

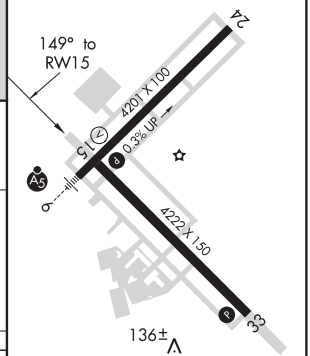
ASOS	NEW YORK APP CON	CLNC DEL	UNICOM
119.625	120.05 343.75	133.2	122.8 (CTAF) L





CATEGORY	A	B	C	D
LPV DA	392-1¼	322 (400-1¼)	NA	
LNAV MDA	560-1	490 (500-1)	NA	
C CIRCLING	560-1	479 (500-1)	NA	

ELEV 81 TDZE 70



REIL Rwys 15, 24 and 33 L
MIRL Rwys 6-24 and 15-33 L

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

SHIRLEY, NEW YORK | AL-5603 (FAA) | 20142

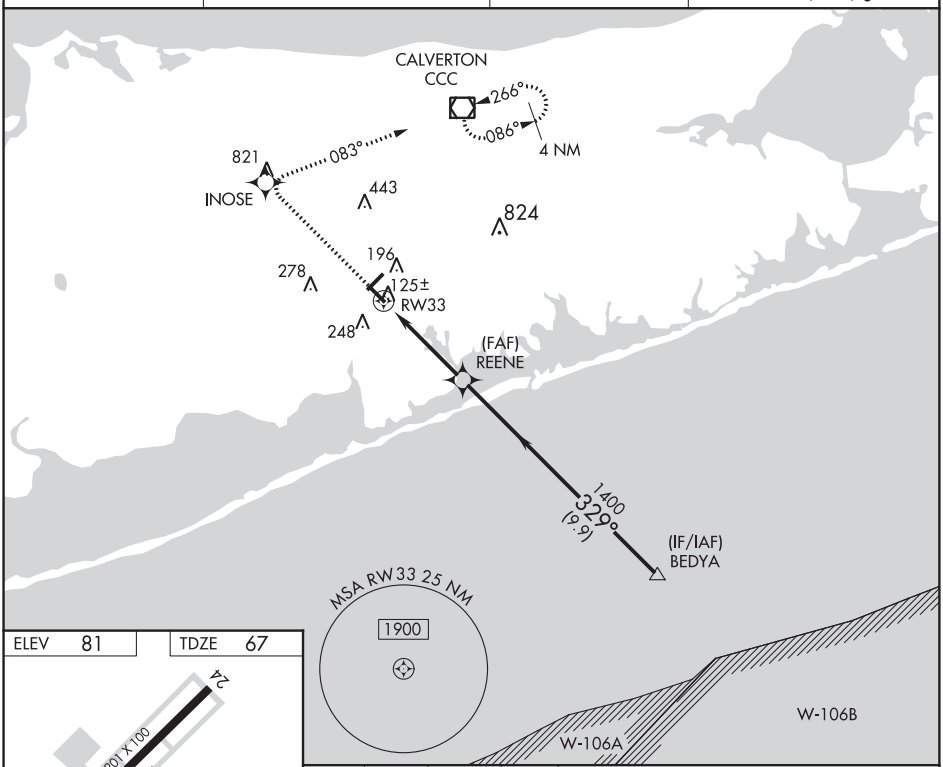
WAAS CH 40412 W33A	APP CRS 329°	Rwy ldg 4222 TDZE 67 Apt Elev 81

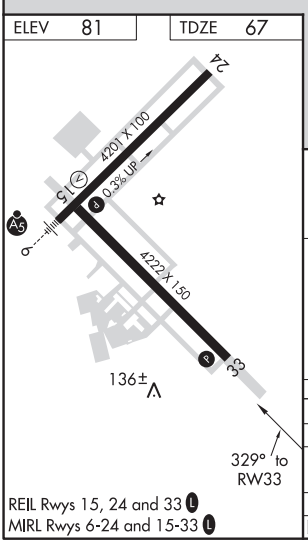
RNAV (GPS) RWY 33
BROOKHAVEN (HWV)

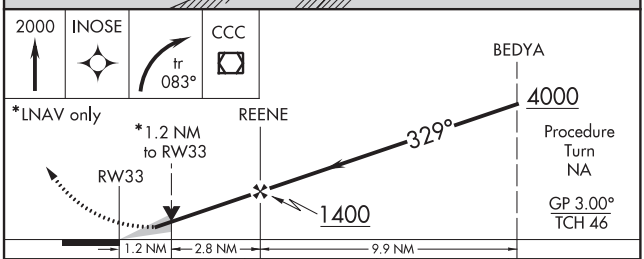
Baro-VNAV NA when using Islip altimeter setting. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -15°C (5°F) or above 54°C (130°F). DME/DME RNP-0.3 NA. When local altimeter setting not received, use Islip altimeter setting and increase all DA 28 feet and all MDA 40 feet, and increase LNAV/VNAV all Cats visibility ¼ mile. VDP NA when using Islip altimeter setting.

MISSED APPROACH: Climb to 2000 direct INOSE and right turn via track 083° to CCC VOR/DME and hold.

ASOS	NEW YORK APP CON	CLNC DEL	UNICOM
119.625	120.05 343.75	133.2	122.8 (CTAF) L







CATEGORY	A	B	C	D
LPV DA	346-1	279 (300-1)	NA	
LNAV/VNAV DA	449-1¼	382 (400-1¼)	NA	
LNAV MDA	500-1	433 (500-1)	NA	
C CIRCLING	560-1	479 (500-1)	NA	

REIL Rwys 15, 24 and 33 L
MIRL Rwys 6-24 and 15-33 L

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

SHIRLEY, NEW YORK
Orig-A 21MAY20

40°49'N-72°52'W

BROOKHAVEN (HWV)
RNAV (GPS) RWY 33

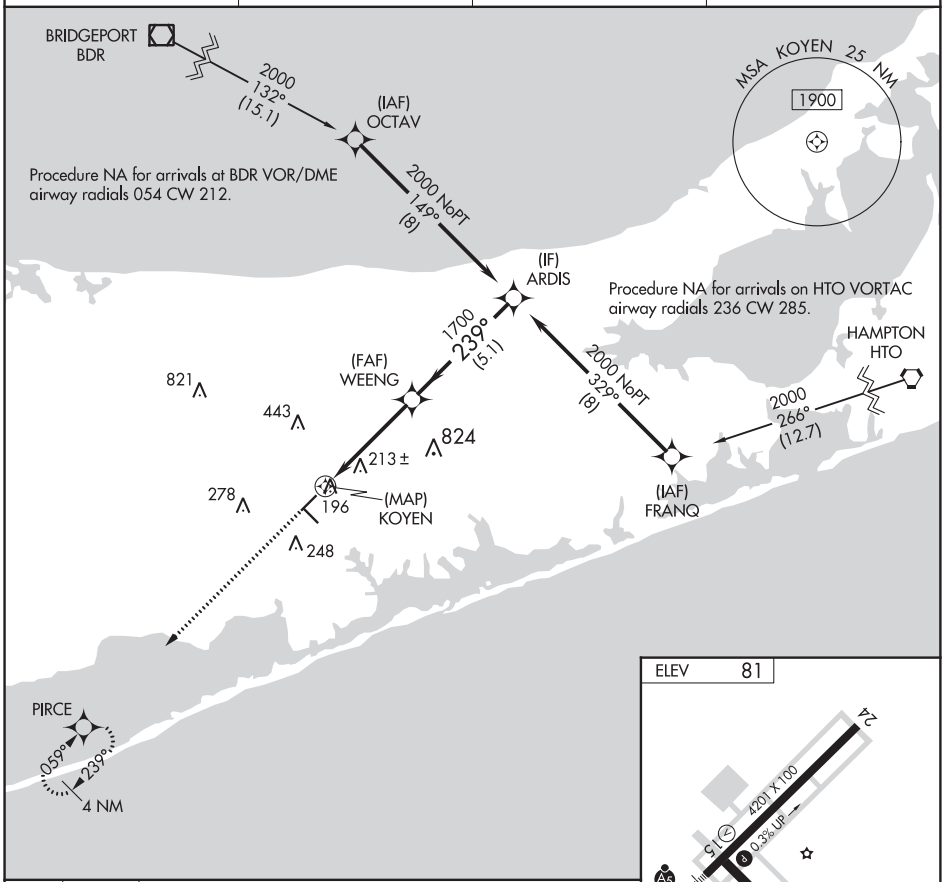
APP CRS	Rwy ldg	N/A
239°	TDZE	N/A
	Apt Elev	81

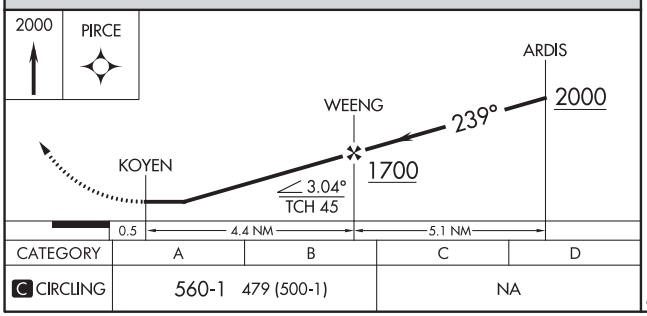
RNAV (GPS)-A
BROOKHAVEN (HWV)

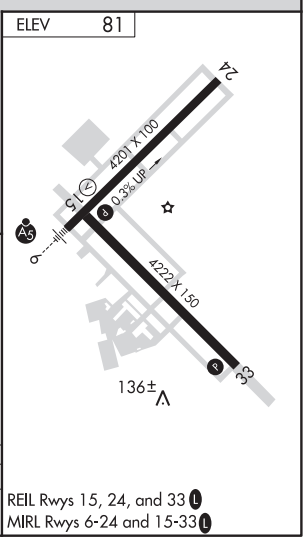
DME/DME RNP-0.3 NA. When local altimeter setting not received, use Long Island MacArthur altimeter setting and increase all MDAs 40 feet.
Rwy 24 helicopter visibility below ¾ SM NA.

MISSED APPROACH: Climb to 2000 direct PIRCE and hold.

ASOS	NEW YORK APP CON	CLNC DEL	UNICOM
119.625	120.05 343.75	133.2	122.8 (CTAF) L







CATEGORY	A	B	C	D
C CIRCLING	560-1 479 (500-1)		NA	

REIL Rwys 15, 24, and 33 L
MIRL Rwys 6-24 and 15-33 L

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

SHIRLEY, NEW YORK | AL-5603 (FAA) | 20254

VOR RWY 6
BROOKHAVEN (HWV)

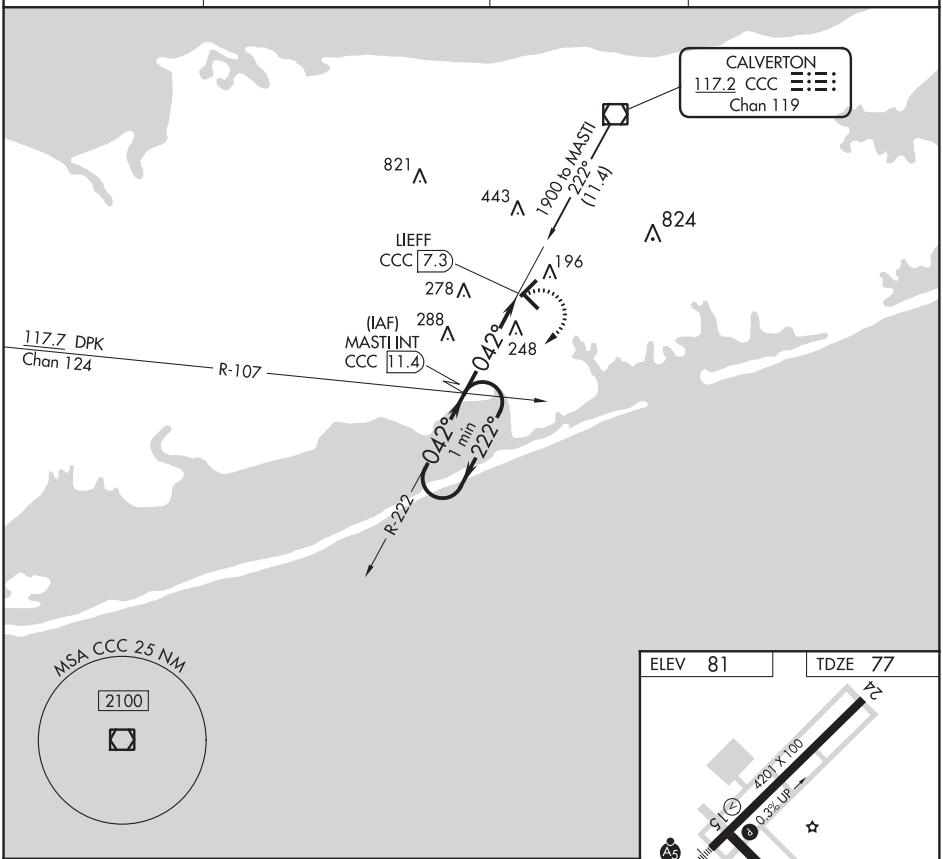
VOR/DME CCC 117.2 Chan 119	APP CRS 042°	Rwy ldg 4201 TDZE 77 Apt Elev 81

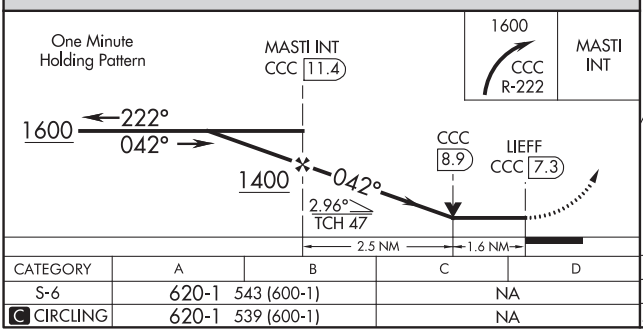
Inoperative table does not apply.
When local altimeter setting not received, use Islip altimeter setting and increase all MDAs 40 feet.

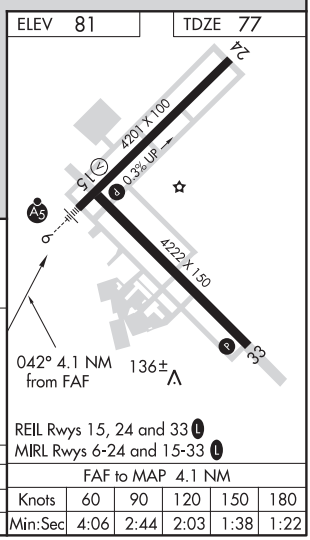
MALSR

MISSED APPROACH: Climbing right turn to 1600 via CCC VOR/DME R-222 to MASTI INT/11.4 DME and hold.

ASOS	NEW YORK APP CON	CLNC DEL	UNICOM
119.625	120.05 343.75	133.2	122.8 (CTAF)







CATEGORY	A	B	C	D
S-6	620-1	543 (600-1)	NA	
C CIRCLING	620-1	539 (600-1)	NA	

FAF to MAP 4.1 NM					
Knots	60	90	120	150	180
Min:Sec	4:06	2:44	2:03	1:38	1:22

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

APP CRS	Rwy ldg	4201
071°	TDZE	1027
	Apt Elev	1027

RNAV (GPS) RWY 7
SIDNEY MUNI (N23)

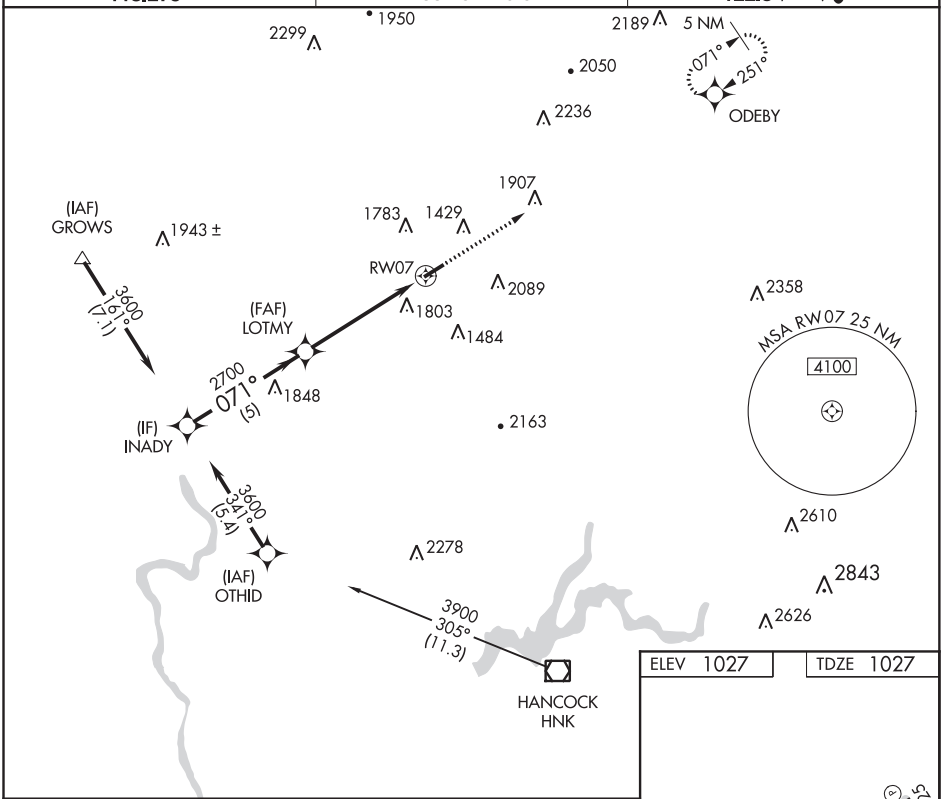
RNP APCH.

T
NA
-21°C

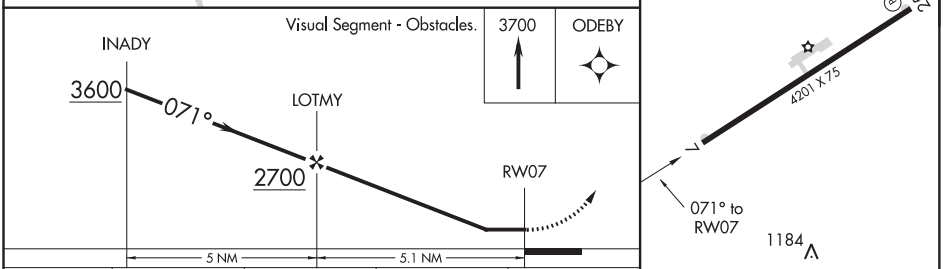
Rwy 7 helicopter visibility reduction below 1 SM NA.
Straight-in and Circling Rwy 7 NA at night.

MISSED APPROACH: Climb to 3700 direct ODEBY and hold.

AWOS-3	BOSTON CENTER	UNICOM
118.275	133.25 279.5	122.8 (CTAF) L



ELEV 1027 TDZE 1027



CATEGORY	A	B	C	D
LNAV MDA	2140-1¼ 1113 (1200-1¼)	2140-1½ 1113 (1200-1½)	2140-3 1113 (1200-3)	NA
C CIRCLING	2180-1¼ 1153 (1200-1¼)	2240-1½ 1213 (1300-1½)	2460-3 1433 (1500-3)	NA

REIL Rwys 7 and 25 L
MIRL Rwy 7-25 L

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

SIDNEY, NEW YORK | AL-6076 (FAA) | 20198

RNAV (GPS) RWY 25
SIDNEY MUNI (N23)

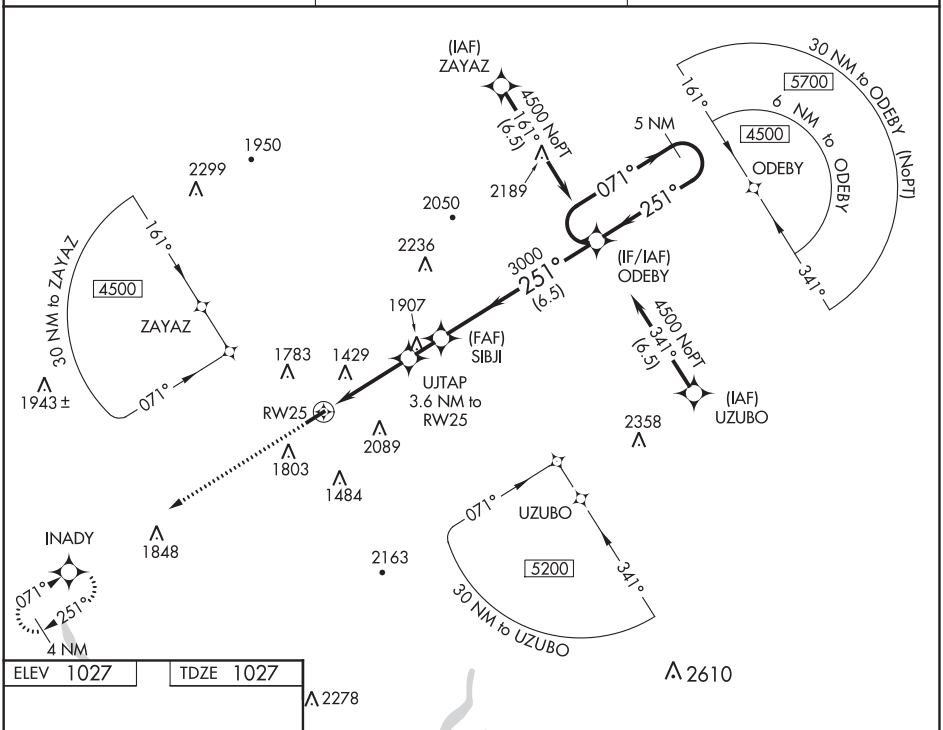
WAAS CH 77537 W25A	APP CRS 251°	Rwy ldg 4201 TDZE 1027 Apt Elev 1027

T
A NA
❄ -21°C

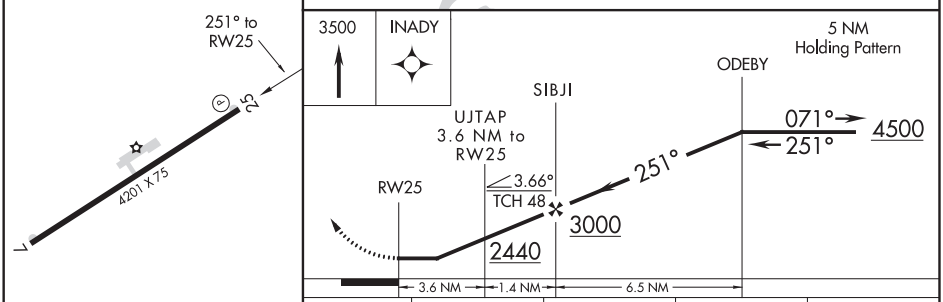
DME/DME RNP-0.3 NA. When local altimeter setting not received, use Binghamton altimeter setting and increase all MDA 160 feet. Rwy 7, 25 helicopter visibility reduction below 1 SM NA. Circling Rwy 7 NA at night. When Rwy 25 VGSI inop, Straight-in and Circling minimums NA at night.

MISSED APPROACH: Climb to 3500 direct INADY and hold.

AWOS-3	BOSTON CENTER	UNICOM
118.275	133.25 279.5	122.8 (CTAF) L



ELEV 1027 | TDZE 1027



CATEGORY	A	B	C	D
LP MDA	2080-1¼ 1053 (1100-1¼)	2080-1½ 1053 (1100-1½)	2080-3 1053 (1100-3)	NA
LNAV MDA	2200-1¼ 1173 (1200-1¼)	2200-1½ 1173 (1200-1½)	2200-3 1173 (1200-3)	NA
C CIRCLING	2200-1¼ 1153 (1200-1¼)	2240-1½ 1213 (1300-1½)	2460-3 1433 (1500-3)	NA

REIL Rwys 7 and 25 L
MIRL Rwy 7-25 L

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

VORTAC SYR 117.0 Chan 117	APP CRS 226°	Rwy ldg N/A TDZE N/A Apt Elev 1038

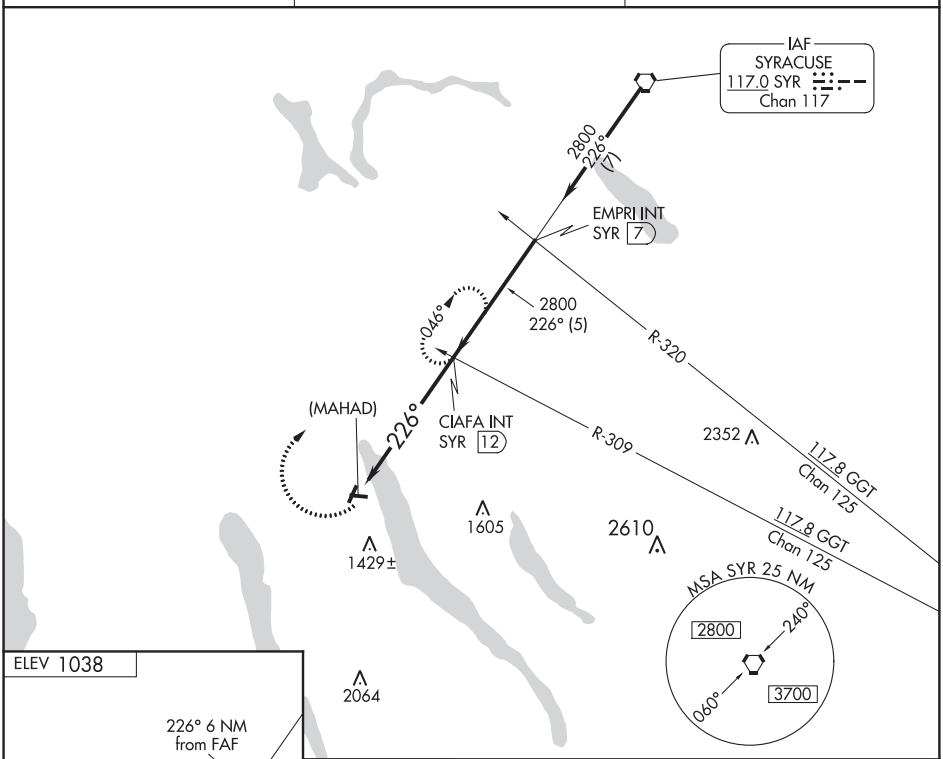
VOR or GPS-A
SKANEATELES AERO DROME (6B9)

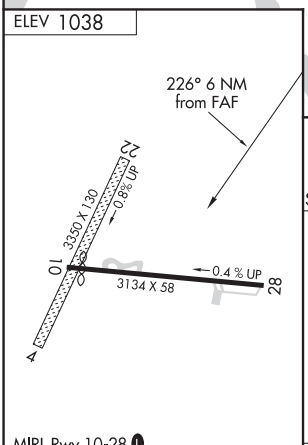
T
A NA

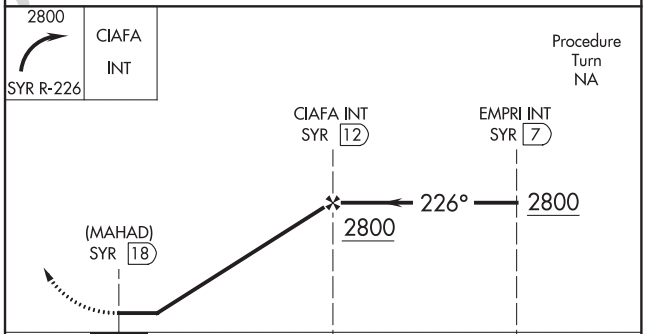
Use Syracuse altimeter setting.
Two 55′ poles 70′ either side centerline 900′ from AER 28.

MISSED APPROACH: Climbing right turn to 2800 via SYR R-226 to CIAFA INT/12 DME and hold.

AWOS-3P	SYRACUSE APP CON	UNICOM
120.125	126.125 269.125	122.8 (CTAF) L







FAF to MAP 6 NM					
Knots	60	90	120	150	180
Min:Sec	6:00	4:00	3:00	2:24	2:00

CATEGORY	A	B	C	D
CIRCLING	1660-1	622 (700-1)	1720-2 682 (700-2)	NA

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

SOMERVILLE, NEW JERSEY — AL-5080 (FAA) — 19339

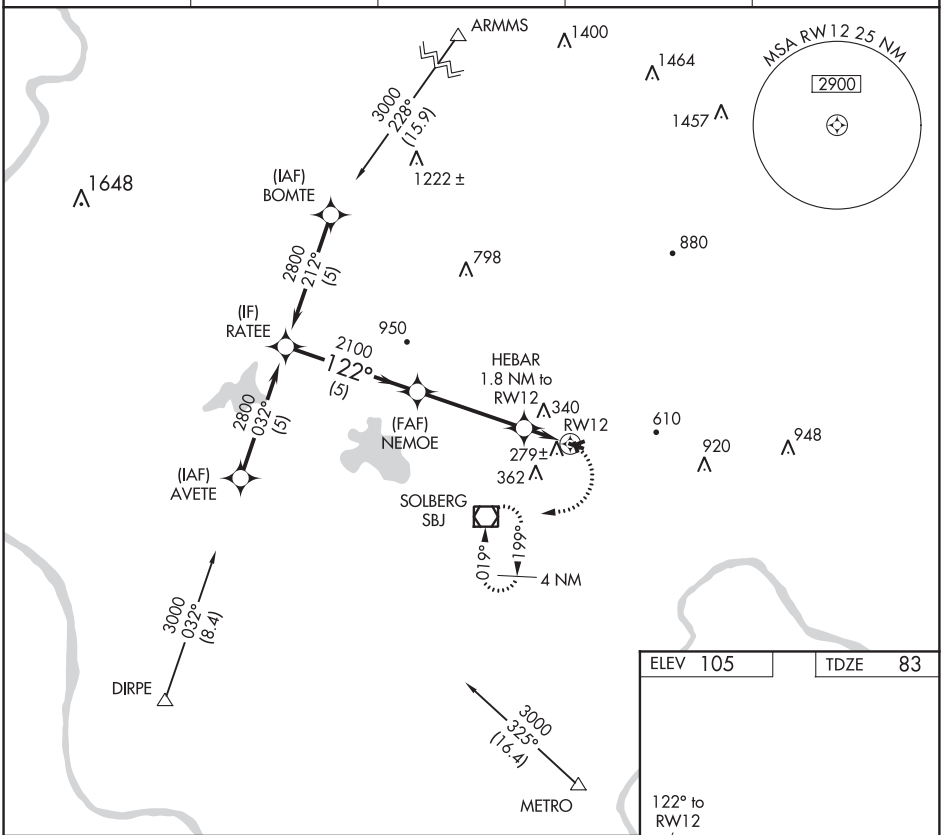
RNAV (GPS) RWY 12
SOMERSET (SMQ)

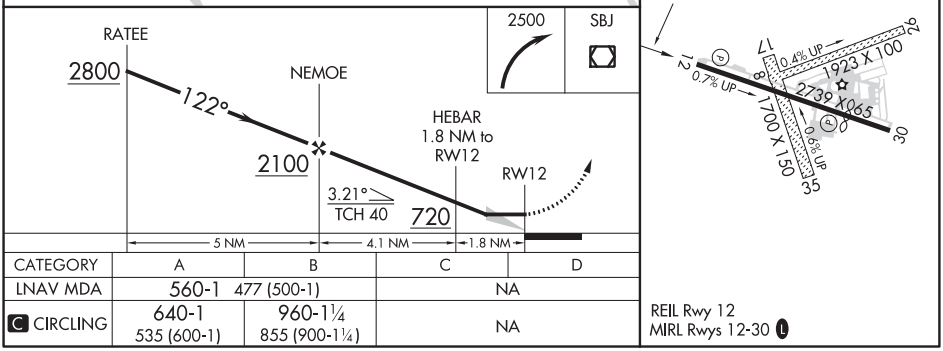
APP CRS	Rwy ldg	2739
122°	TDZE	83
	Apt Elev	105

NA — DME/DME RNP-0.3 NA. Procedure NA at night. Helicopter visibility reduction below 1 SM NA.

MISSED APPROACH: Climbing right turn to 2500 direct SBJ VOR/DME and hold, continue climb in hold to 2500

ASOS	NEW YORK APP CON	GCO	UNICOM	
120.6	132.8 379.9	121.725	123.0 (CTAF)	118.325 L





CATEGORY	A	B	C	D
LNAV MDA	560-1	477 (500-1)	NA	
C CIRCLING	640-1 535 (600-1)	960-1¼ 855 (900-1¼)	NA	

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

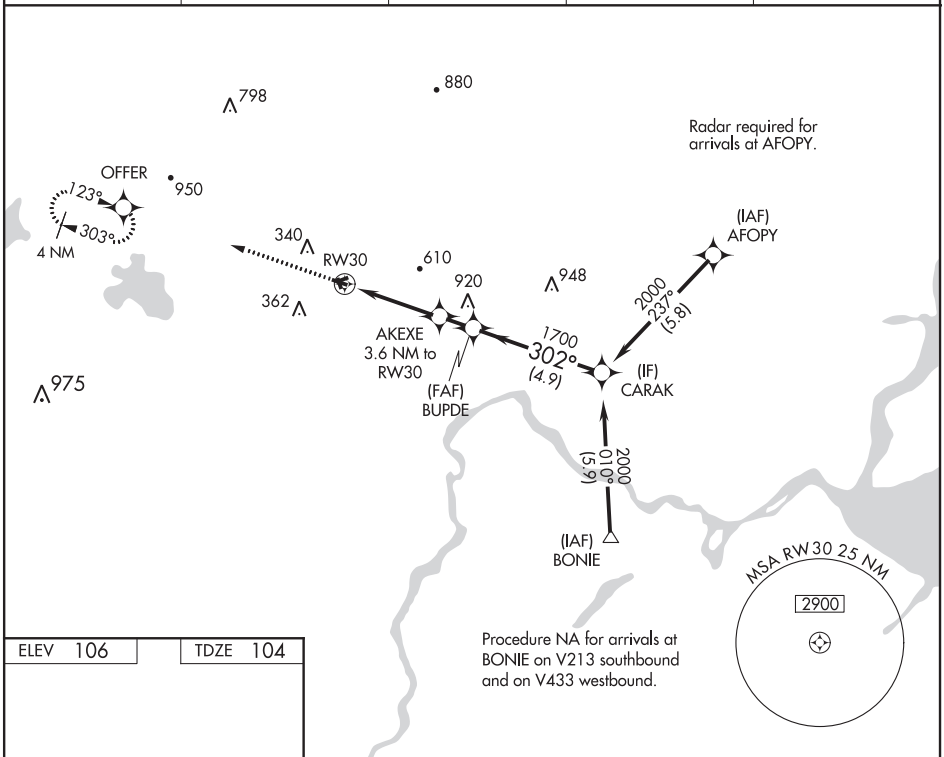
APP CRS	Rwy ldg	2539
302°	TDZE	104
	Apt Elev	106

RNAV (GPS) RWY 30
SOMERSET (SMQ)

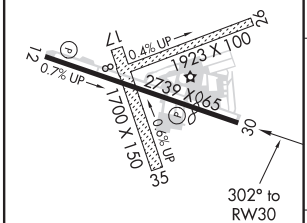
DME/DME RNP-0.3 NA. When local altimeter setting not received, use Morristown altimeter setting and increase all MDA 60 feet; increase LNAV Cat A visibility ¼ mile. Helicopter visibility reduction below 1 SM NA. Procedure NA at night.

MISSED APPROACH: Climb to 2500 direct OFFER and hold.

ASOS	NEW YORK APP CON	GCO	UNICOM	
120.6	132.8 379.9	121.725	123.0 (CTAF)	118.325 L



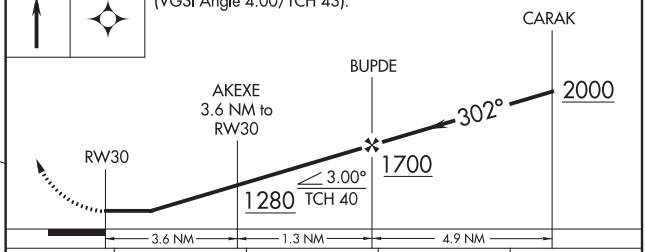
ELEV 106 TDZE 104



REIL Rwy 12
MIRL Rwy 12-30 L

2500 OFFER

VGSI and descent angles not coincident. (VGSI Angle 4.00/TCH 43).



CATEGORY	A	B	C	D
LNAV MDA	960-1 856 (900-1)	960-1¼ 856 (900-1¼)	NA	
C CIRCLING	960-1¼ 854 (900-1¼)		NA	

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

SOMERVILLE, NEW JERSEY — AL-5080 (FAA) — 19115

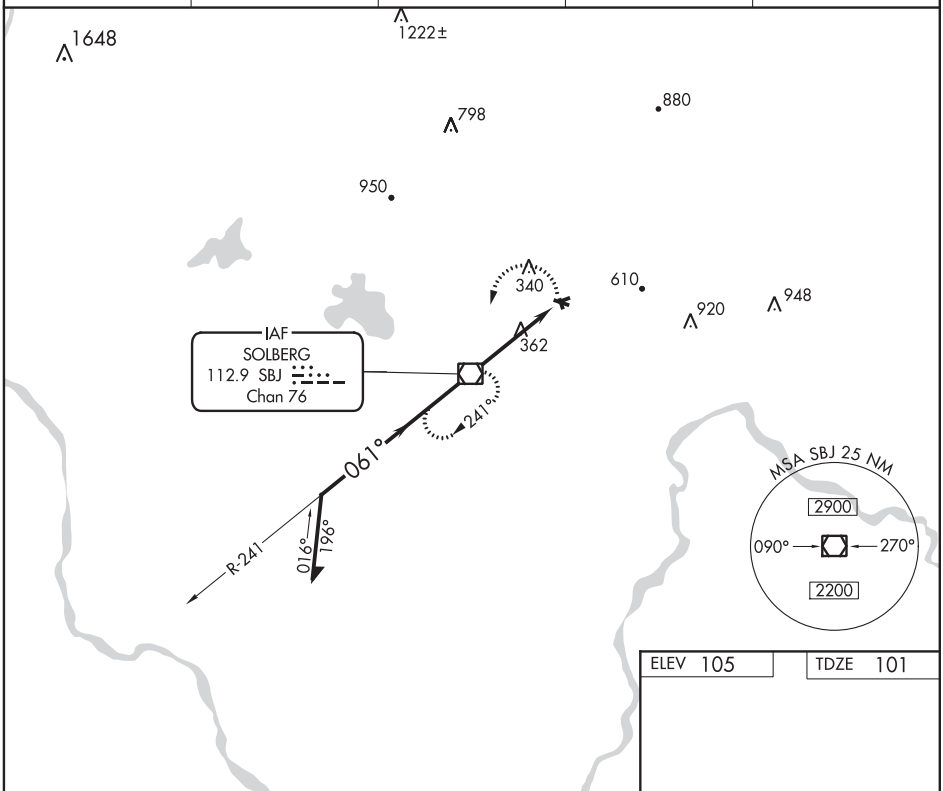
VOR RWY 8
SOMERSET (SMQ)

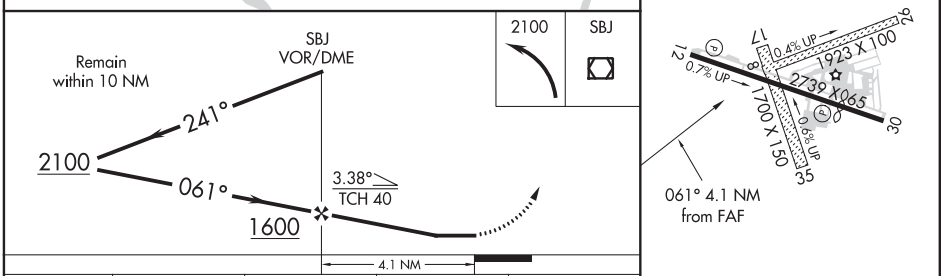
VOR/DME SBJ 112.9 Chan 76	APP CRS 061°	Rwy ldg 1923 TDZE 101 Apt Elev 105

Helicopter visibility reduction below 1 SM NA. Procedure NA at night. When local altimeter setting not received, use Morristown altimeter setting and increase all MDA 60 feet.

MISSED APPROACH: Climbing left turn to 2100 direct SBJ VOR/DME and hold.

ASOS	NEW YORK APP CON	GCO	UNICOM	
120.6	132.8 379.9	121.725	123.0 (CTAF)	118.325 L





CATEGORY	A	B	C	D
S-8	700-1 599 (600-1)		NA	
CIRCLING	700-1 595 (600-1)		NA	

REIL Rwy 12
MIRL Rwy 12-30 L

FAF to MAP 4.1 NM					
Knots	60	90	120	150	180
Min:Sec	4:06	2:44	2:03	1:38	1:22

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

APP CRS	Rwy ldg	2703
008°	TDZE	196
	Apt Elev	196

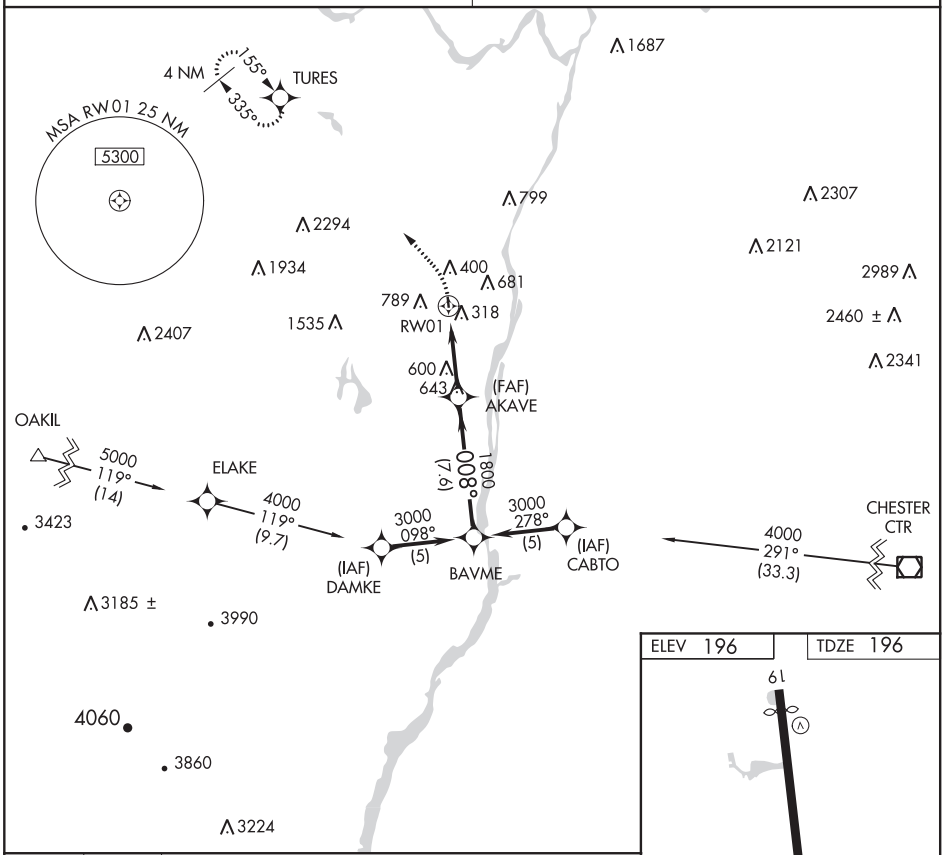
RNAV (GPS) RWY 1
SOUTH ALBANY (4BØ)

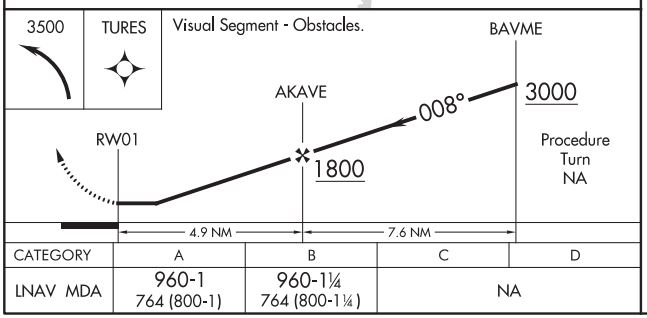
RNP APCH.

Use Albany Intl altimeter setting. Procedure NA at night.
NA Rwy 1 helicopter visibility reduction below 1 SM NA.

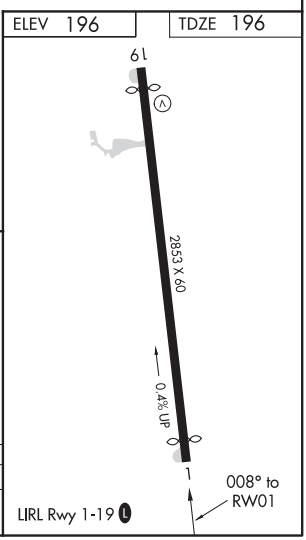
MISSED APPROACH: Climbing left turn to 3500 direct TURES WP and hold.

ALBANY APP CON	CTAF
118.05 263.075	122.9 L





CATEGORY	A	B	C	D
LNAV MDA	960-1 764 (800-1)	960-1¼ 764 (800-1¼)	NA	



NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

SOUTH BETHLEHEM, NEW YORK — AL-9737 (FAA) — 20198

RNAV (GPS) RWY 19
SOUTH ALBANY (4BØ)

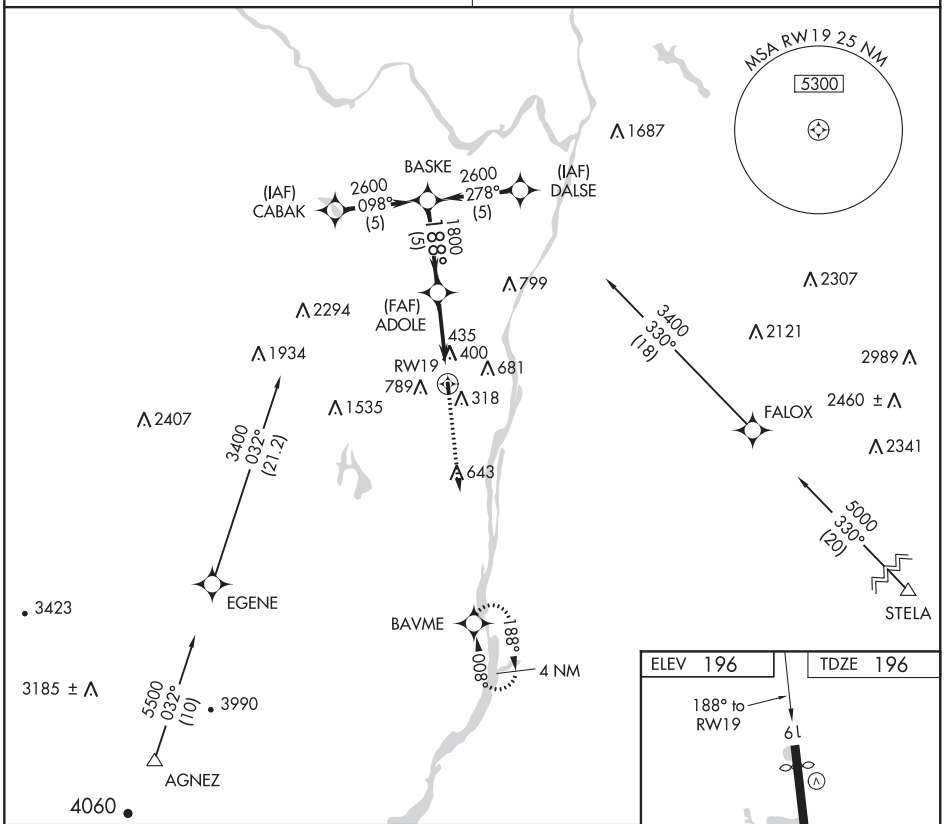
APP CRS	Rwy ldg	2729
188°	TDZE	196
	Apt Elev	196

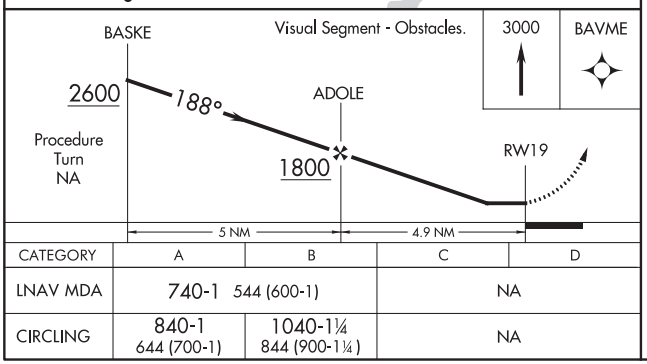
RNP APCH.

Use Albany Intl altimeter setting. Procedure NA at night.
NA Rwy 19 helicopter visibility reduction below 1 SM NA.

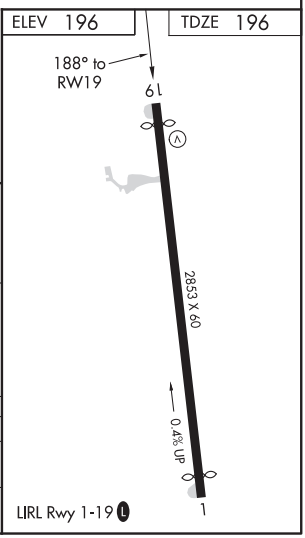
MISSED APPROACH: Climb to 3000 direct BAVME WP and hold.

ALBANY APP CON	CTAF
118.05 263.075	122.9 L





CATEGORY	A	B	C	D
LNAV MDA	740-1 544 (600-1)		NA	
CIRCLING	840-1 644 (700-1)	1040-1¼ 844 (900-1¼)	NA	



NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

APP CRS	Rwy ldg	N/A
190°	Surface Elev	39
	Apt Elev	5

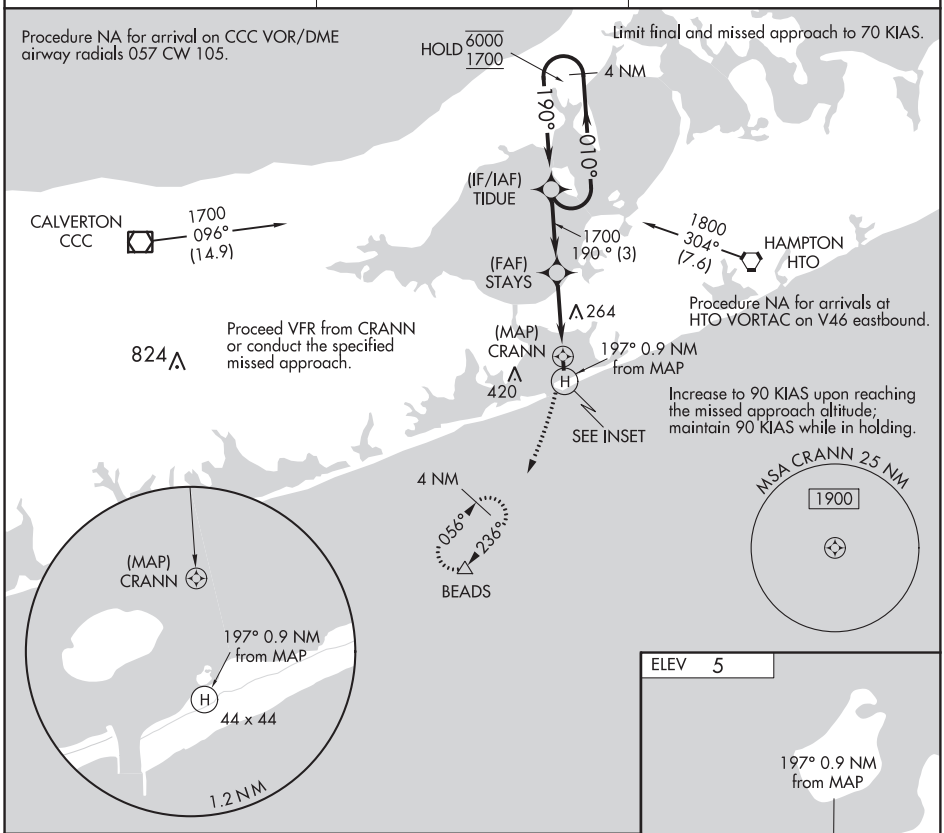
COPTER RNAV (GPS) 190°
SOUTHAMPTON (87N)

RNP APCH.

NA Procedure NA at night.
Use Westhampton Beach altimeter setting.

MISSED APPROACH: Climbing right turn to 2000 direct BEADS and hold.

FOK ASOS	NEW YORK APP CON	CTAF
119.925	125.975	122.9



CATEGORY	COPTER	B	C	D
LNAV MDA	560-1 521 (600-1)	NA		

NE-2, 10 SEP 2020 to 05 NOV 2020

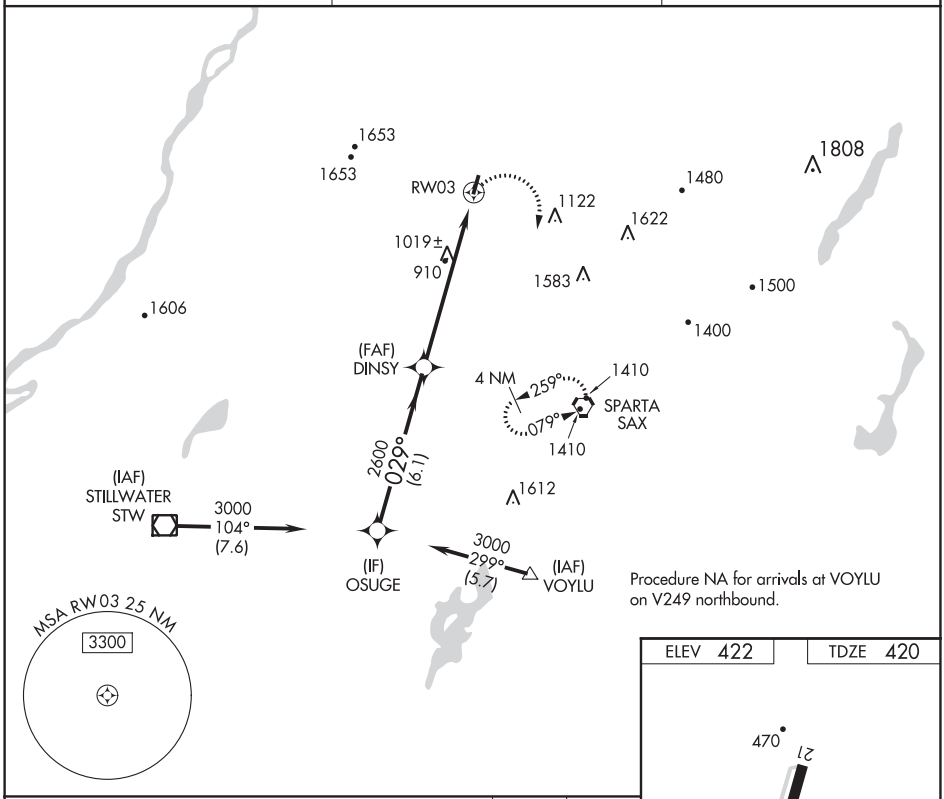
APP CRS	Rwy ldg	3040
029°	TDZE	420
	Apt Elev	422

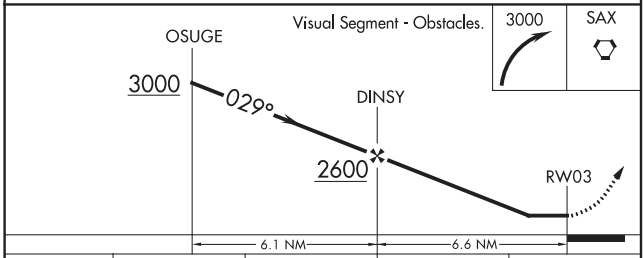
RNAV (GPS) RWY 3
SUSSEX (FWN)

T A DME/DME RNP-0.3 NA. When local altimeter setting not received, use Teterboro altimeter setting and increase all MDA 140 feet; increase LNAV Cats A/B and Circling Cat B visibility ¼ mile and increase LNAV and Circling Cat C visibility ½ mile. Procedure NA at night. Helicopter visibility reduction below 1 SM NA.

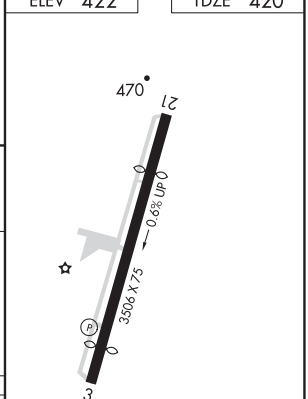
MISSED APPROACH: Climbing right turn to 3000 direct SAX VORTAC and hold.

ASOS	NEW YORK APP CON	UNICOM
118.525	127.6 379.9	122.7 (CTAF) L





CATEGORY	A	B	C	D
LNAV MDA	1300-1 880 (900-1)	1300-1¼ 880 (900-1¼)	1300-2½ 880 (900-2½)	NA
C CIRCLING	1300-1¼ 878 (900-1¼)		1300-2½ 878 (900-2½)	NA



NE-2, 10 SEP 2020 to 05 NOV 2020

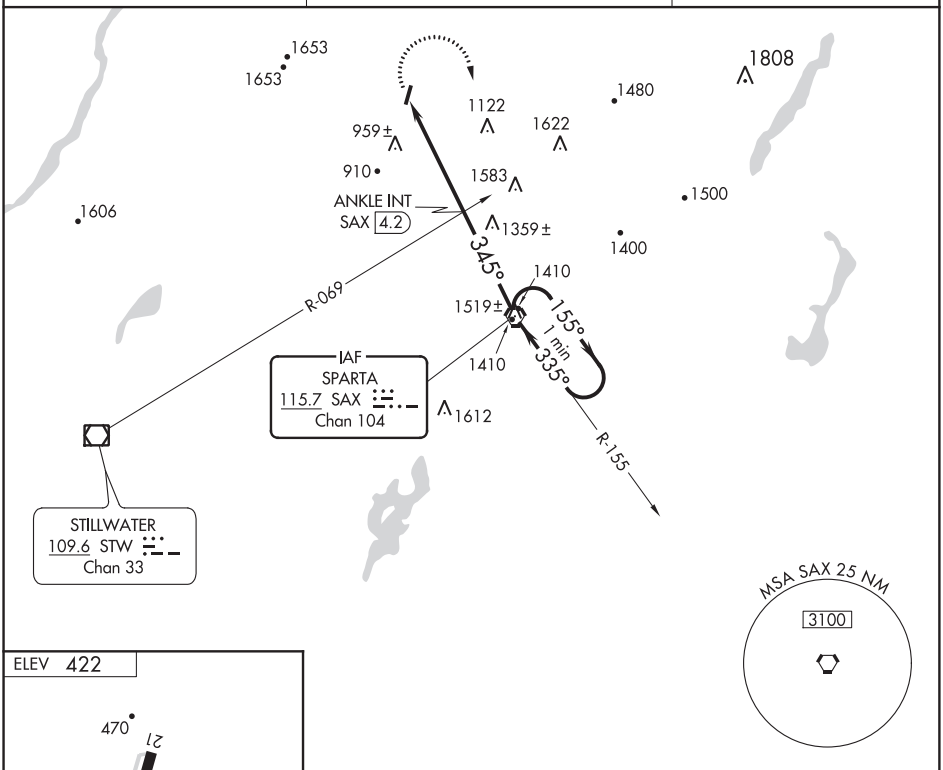
VORTAC SAX 115.7 Chan 104	APP CRS 345°	Rwy ldg N/A TDZE N/A Apt Elev 422

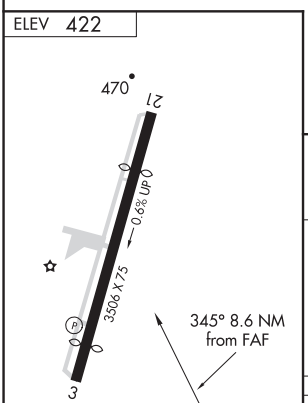
VOR-A
SUSSEX (FWN)

When local altimeter setting not received, use Teterboro altimeter setting and increase all MDA 140 feet and ANKLE FIX Minimums Cats A & B visibility ¼ mile and Cat C ½ mile. Procedure NA at night. Helicopter visibility reduction below 1 SM NA.

MISSED APPROACH: Climbing right turn to 3000 direct SAX VORTAC and hold.

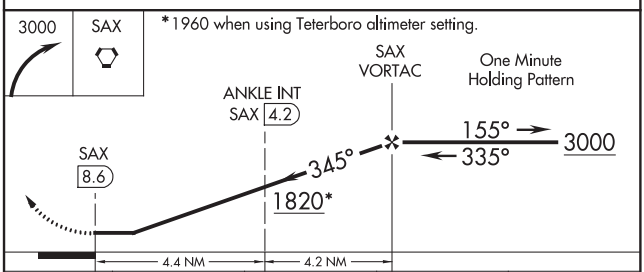
ASOS	NEW YORK APP CON	UNICOM
118.525	127.6 379.9	122.7 (CTAF)





MIRL Rwy 3-21 L
REIL Rwy 3 and 21 L

FAF to MAP 8.6 NM					
Knots	60	90	120	150	180
Min:Sec	8:36	5:44	4:18	3:26	2:52



CATEGORY	A	B	C	D
C CIRCLING	1820-1¼ 1398 (1400-1¼)	1820-1½ 1398 (1400-1½)	1820-3 1398 (1400-3)	NA
ANKLE FIX MINIMUMS (DUAL VOR RECEIVERS OR DME REQUIRED)				
C CIRCLING	1300-1 878 (900-1)	1300-1¼ 878 (900-1¼)	1300-2½ 878 (900-2½)	NA

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

LOC/DME I-MRZ	APP CRS	Rwy ldg	9003
109.9	100°	TDZE	421
Chan 36		Apt Elev	421

ILS or LOC RWY 10
SYRACUSE HANCOCK INTL (SYR)

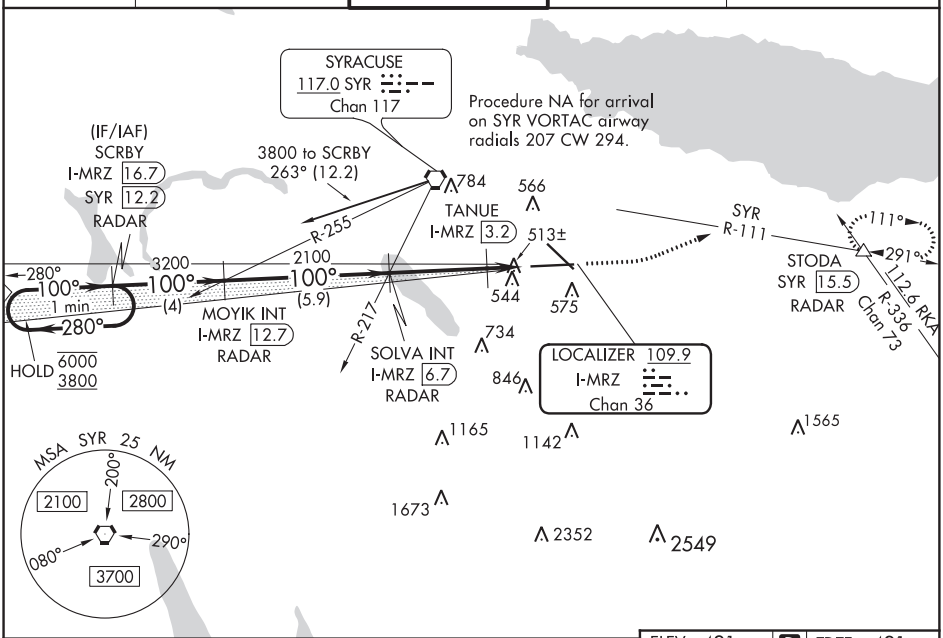
DME or RADAR required.

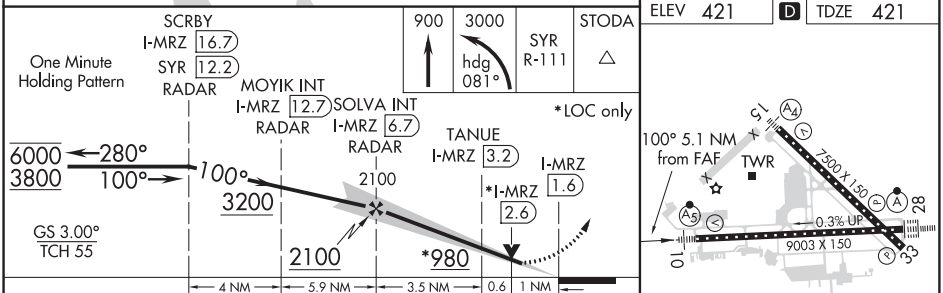
TANUE fix minimums, for inoperative ALS, increase S-LOC 10 Cats C and D visibility to RVR 5500.
**RVR 1800 authorized with use of FD or AP or HUD to DA.

MALSR

MISSED APPROACH: Climb to 900 then climbing left turn to 3000 on heading 081° and on SYR VORTAC R-111 to STODA INT/ SYR VORTAC 15.5 DME/RADAR and hold.

ATIS	SYRACUSE APP CON	SYRACUSE TOWER	GND CON	CLNC DEL
124.225	126.125 269.125	120.3 239.0	121.7 348.6	125.05 257.775





CATEGORY	A	B	C	D
S-ILS 10**	621/24		200 (200-½)	
S-LOC 10	980/24	559 (600-½)	980/60	559 (600-1¼)
C CIRCLING	980-1	559 (600-1)	1020-1⅝ 599 (600-1⅝)	1180-2½ 759 (800-2½)
TANUE FIX MINIMUMS (DME REQUIRED)				
S-LOC 10	780/24	359 (400-½)	780/30	359 (400-⅝)
C CIRCLING	900-1 479 (500-1)	920-1 499 (500-1)	1020-1½ 599 (600-1½)	1180-2½ 759 (800-2½)

ELEV 421 D TDZE 421

TDZ/CL Rwy 28
HIRL Rwys 10-28 and 15-33

FAF to MAP 5.1 NM

Knots	60	90	120	150	180
Min:Sec	5:06	3:24	2:33	2:02	1:42

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

LOC/DME I-SYR 109.9 Chan 36	APP CRS 280°	Rwy ldg 9003 TDZE 413 Apt Elev 421

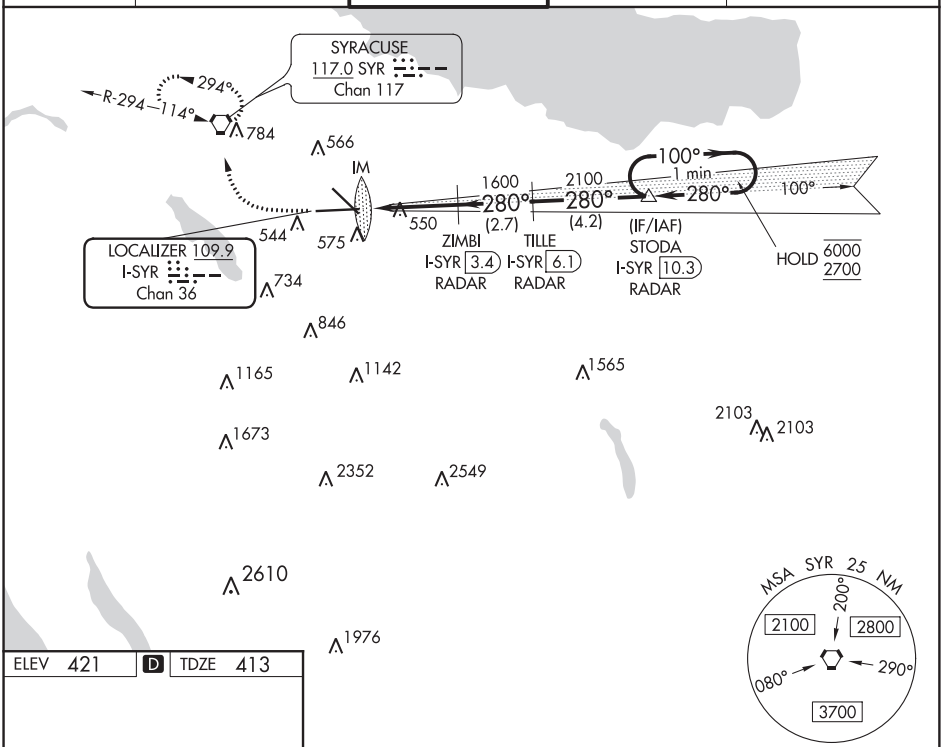
ILS or LOC RWY 28
SYRACUSE HANCOCK INTL (SYR)

DME or RADAR required.

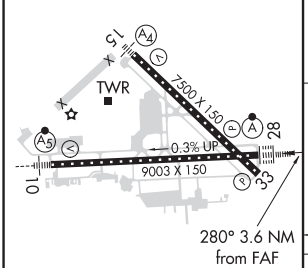
ALSF-2

MISSED APPROACH: Climb to 1100 then climbing right turn to 3000 direct SYR VORTAC and hold, continue climb-in-hold to 3000.

ATIS	SYRACUSE APP CON	SYRACUSE TOWER	GND CON	CLNC DEL
124.225	126.125 269.125	120.3 239.0	121.7 348.6	125.05 257.775

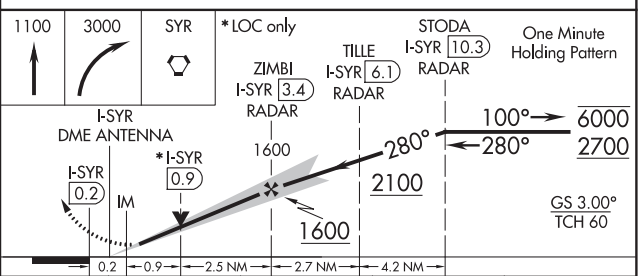


ELEV 421 D TDZE 413



TDZ/CL Rwy 28
HIRL Rwys 10-28 and 15-33

FAF to MAP 3.6 NM					
Knots	60	90	120	150	180
Min:Sec	3:36	2:24	1:48	1:26	1:12



CATEGORY	A	B	C	D
S-ILS 28	613/18 200 (200-½)			
S-LOC 28	800/24 387 (400-½)		800/35 387 (400-⅝)	
C CIRCLING	900-1 479 (500-1)	920-1 499 (500-1)	1020-1½ 599 (600-1½)	1180-2½ 759 (800-2½)

NE-2, 10 SEP 2020 to 05 NOV 2020

LOC/DME I-SYR 109.9 Chan 36	APP CRS 280°	Rwy ldg 9003 TDZE 413 Apt Elev 421

ILS RWY 28 (SA CAT I)
SYRACUSE HANCOCK INTL (SYR)

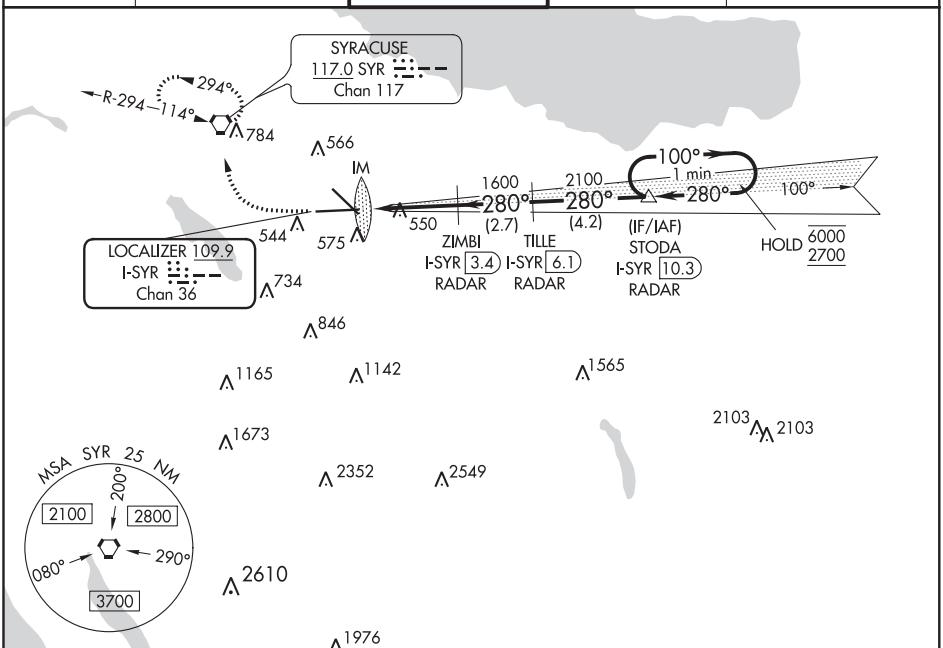
DME or RADAR required.

Requires specific OPSPEC, MSPEC, or LOA approval and use of HUD to DH.

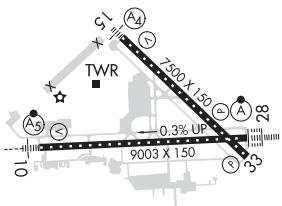
ALSF-2

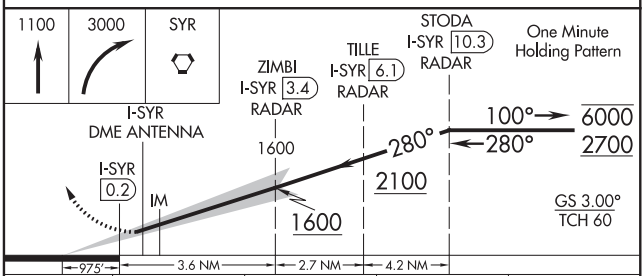
MISSED APPROACH: Climb to 1100 then climbing right turn to 3000 direct SYR VORTAC and hold, continue climb-in-hold to 3000.

ATIS	SYRACUSE APP CON	SYRACUSE TOWER	GND CON	CLNC DEL
124.225	126.125 269.125	120.3 239.0	121.7 348.6	125.05 257.775



ELEV 421 D TDZE 413





CATEGORY	A	B	C	D
S-ILS 28	RA 150/14 150 DA 563			

SA CATEGORY I ILS - SPECIAL AIRCREW & AIRCRAFT CERTIFICATION REQUIRED

TDZ/CL Rwy 28
HIRL Rwys 10-28 and 15-33

NE-2, 10 SEP 2020 to 05 NOV 2020

LOC/DME I-SYR 109.9 Chan 36	APP CRS 280°	Rwy ldg 9003 TDZE 413 Apt Elev 421

ILS RWY 28 (CAT II)
SYRACUSE HANCOCK INTL (SYR)

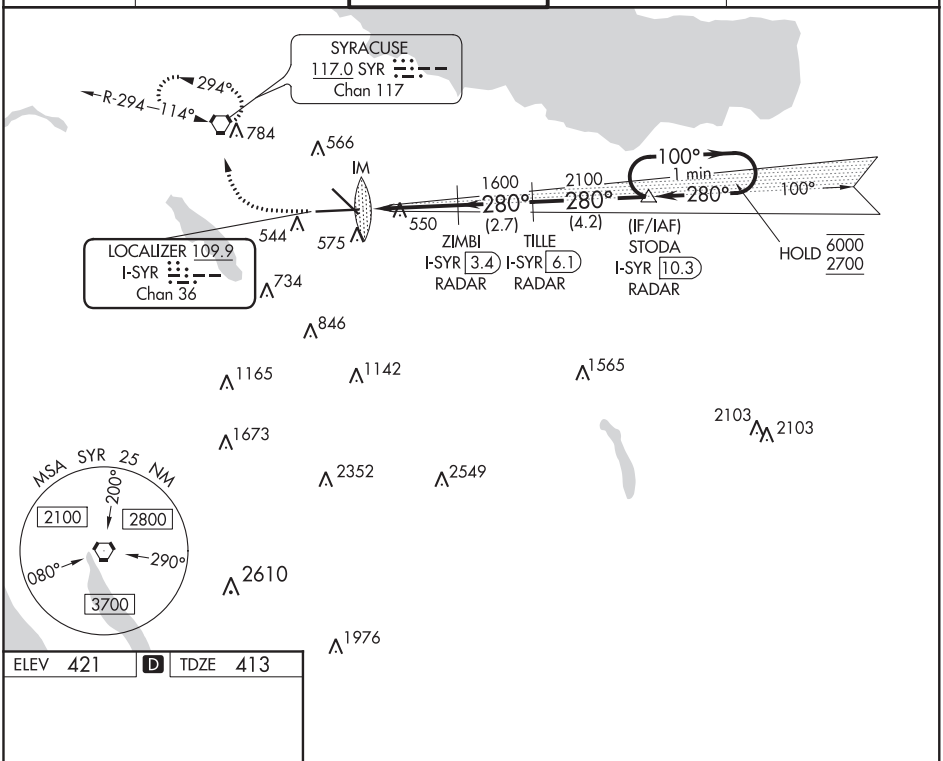
DME or RADAR required.

RVR 1000 authorized with specific OPSEC, MSPEC, or LOA approval and use of autoland or HUD to touchdown.

ALSF-2

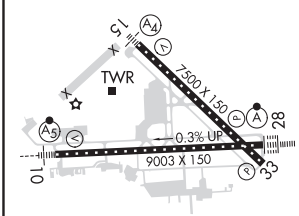
MISSED APPROACH: Climb to 1100 then climbing right turn to 3000 direct SYR VORTAC and hold, continue climb-in-hold to 3000.

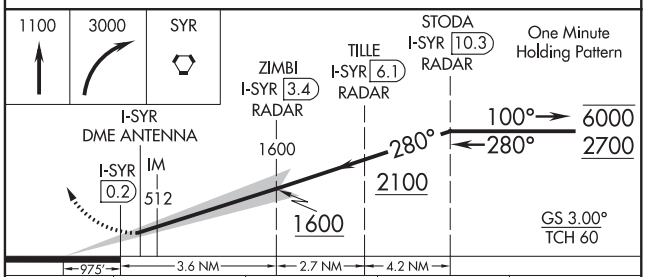
ATIS	SYRACUSE APP CON	SYRACUSE TOWER	GND CON	CLNC DEL
124.225	126.125 269.125	120.3 239.0	121.7 348.6	125.05 257.775



NE-2, 10 SEP 2020 to 05 NOV 2020

ELEV 421 D TDZE 413





CATEGORY	A	B	C	D
S-ILS 28	RA 100/12 100 DA 513			

CATEGORY II ILS - SPECIAL AIRCREW & AIRCRAFT CERTIFICATION REQUIRED

TDZ/CL Rwy 28
HIRL Rwys 10-28 and 15-33

APP CRS	Rwy ldg	9003
100°	TDZE	421
	Apt Elev	421

RNAV (RNP) Y RWY 10

SYRACUSE HANCOCK INTL (SYR)

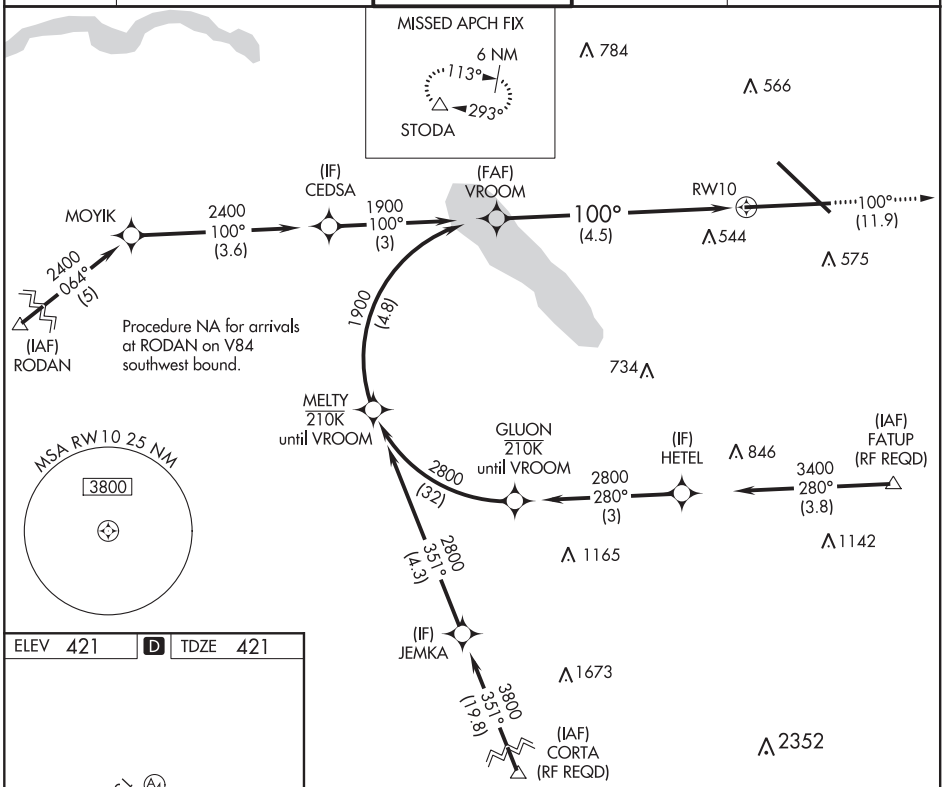
RNP AR APCH.

For uncompensated Baro-VNAV systems, procedure NA below -18°C or above 54°C. For inop ALS, increase RNP 0.15 all Cats visibility to 1⅛. For inop ALS, increase RNP 0.30 all Cats visibility to 1⅜.

MALSR

MISSED APPROACH: Climb to 3000 on track 100° to STODA and hold.

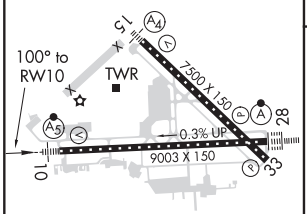
ATIS	SYRACUSE APP CON	SYRACUSE TOWER	GND CON	CLNC DEL
124.225	126.125 269.125	120.3 239.0	121.7 348.6	125.05 257.775

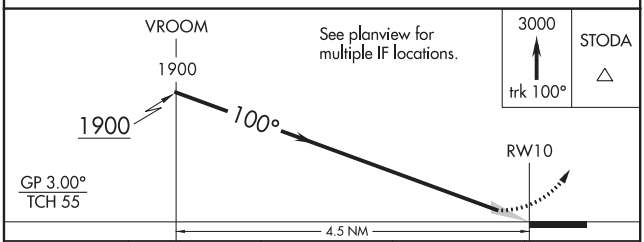


NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

ELEV 421 D TDZE 421





CATEGORY	A	B	C	D
RNP 0.15 DA	816/45	395 (400-⅞)		
RNP 0.30 DA	881/55	460 (500-1)		

AUTHORIZATION REQUIRED

TDZ/CL Rwy 28
HIRL Rwys 10-28 and 15-33

APP CRS	Rwy ldg	9003
280°	TDZE	413
	Apt Elev	421

RNAV (RNP) Y RWY 28
SYRACUSE HANCOCK INTL (SYR)

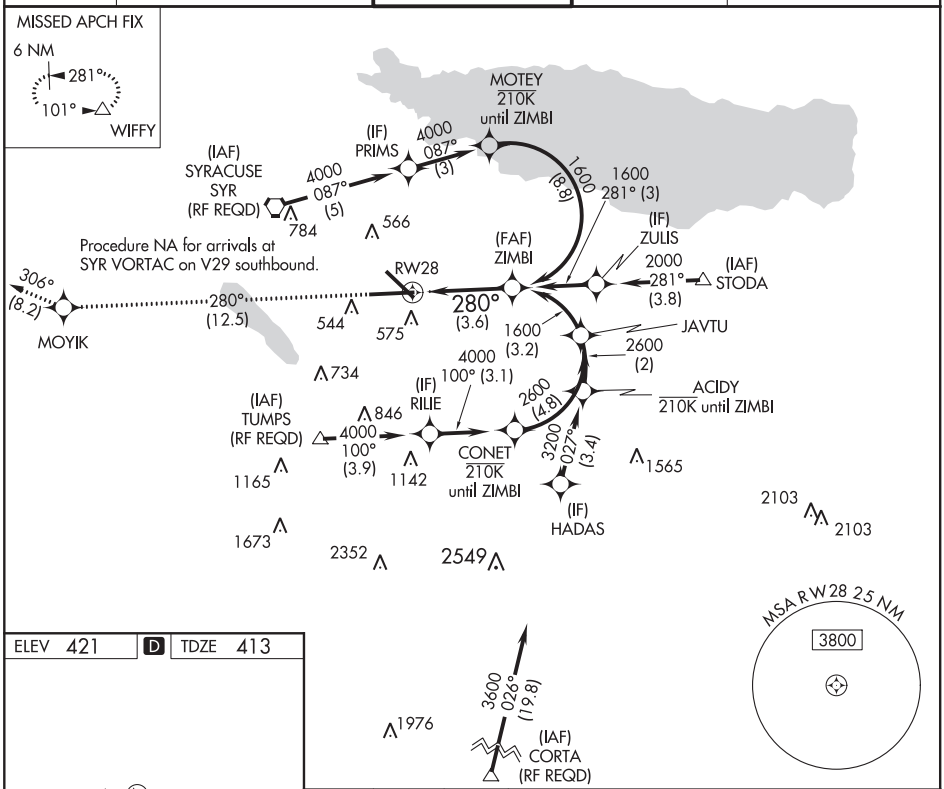
RNP AR APCH.

For uncompensated Baro-VNAV systems, procedure NA below -18°C or above 54°C. For inop ALS, increase RNP 0.15 all Cats visibility to 1⅜. For inop ALS, increase RNP 0.30 all Cats visibility to 1⅝.

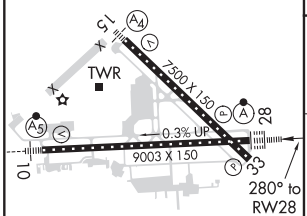
ALSF-2

MISSED APPROACH: Climb to 3000 on track 280° to MOYIK and on track 306° to WIFFY and hold.

ATIS	SYRACUSE APP CON	SYRACUSE TOWER	GND CON	CLNC DEL
124.225	126.125 269.125	120.3 239.0	121.7 348.6	125.05 257.775

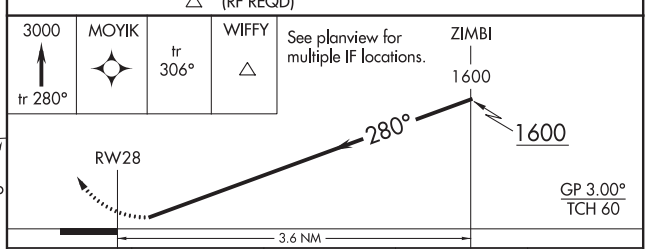


ELEV 421 | D | TDZE 413



3000	MOYIK	tr 306°	WIFFY
tr 280°			

See planview for multiple IF locations.



CATEGORY	A	B	C	D
RNP 0.15 DA	862/55	449 (500-1)		
RNP 0.30 DA	957-1⅜	544 (600-1⅜)		

TDZ/CL Rwy 28
HIRL Rwys 10-28 and 15-33

AUTHORIZATION REQUIRED

NE-2, 10 SEP 2020 to 05 NOV 2020
NE-2, 10 SEP 2020 to 05 NOV 2020

SYRACUSE, NEW YORK — AL-411 (FAA) — 20086

WAAS CH 50117 W15A	APP CRS 147°	Rwy ldg 7500 TDZE 417 Apt Elev 421

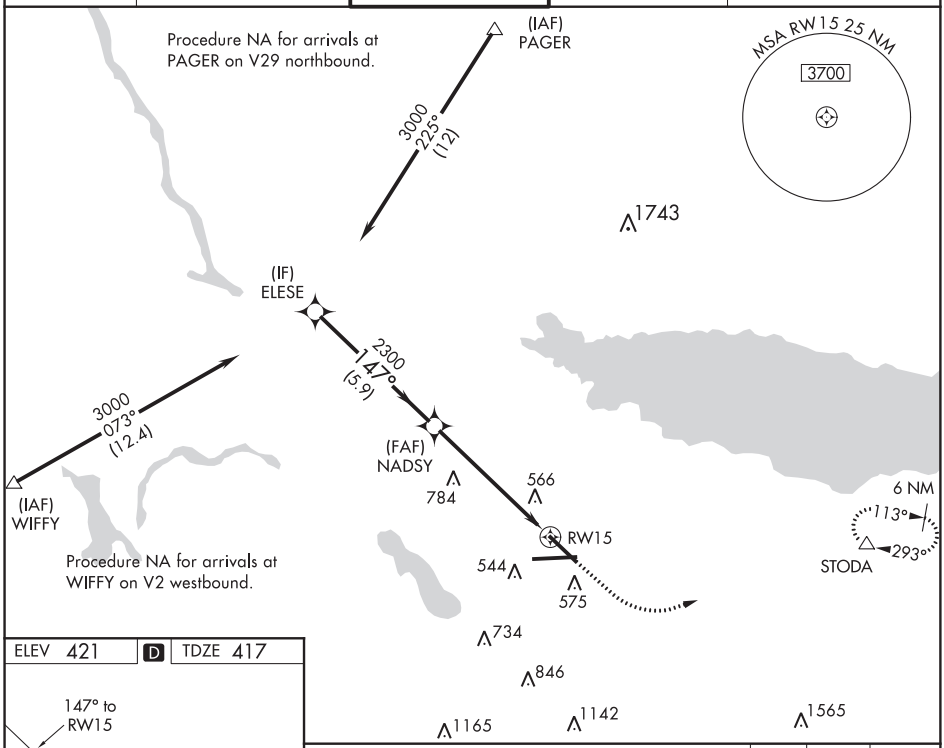
RNAV (GPS) RWY 15
SYRACUSE HANCOCK INTL (SYR)

RNP APCH.
Rwy 15 helicopter visibility reduction below ¾ SM NA.
Inop table does not apply to LPV DA all Cats. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -19°C or above 54°C.

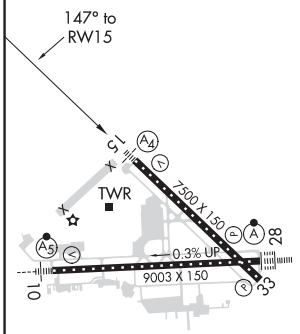
MALS

MISSED APPROACH: Climb to 1600 then climbing left turn to 3200 direct STODA and hold, continue climb-in-hold to 3200.

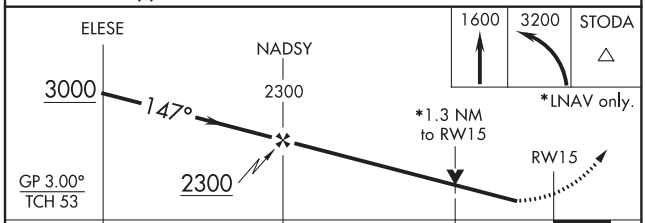
ATIS	SYRACUSE APP CON	SYRACUSE TOWER	GND CON	CLNC DEL
124.225	126.125 269.125	120.3 239.0	121.7 348.6	125.05 257.775



ELEV 421 | D | TDZE 417



TDZ/CL Rwy 28
HIRL Rwys 10-28 and 15-33



CATEGORY	A	B	C	D
LPV DA	667-¾ 250 (300-¾)			
LNAV/VNAV DA	894-1⅛ 477 (500-1⅛)			
LNAV MDA	880-¾ 463 (500-¾)		880-1⅛ 463 (500-1⅛)	
C CIRCLING	900-1 479 (500-1)	920-1 499 (500-1)	1020-1½ 599 (600-1½)	1180-2½ 759 (800-2½)

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

WAAS CH 81823 W33A	APP CRS 327°	Rwy ldg 7500 TDZE 409 Apt Elev 421

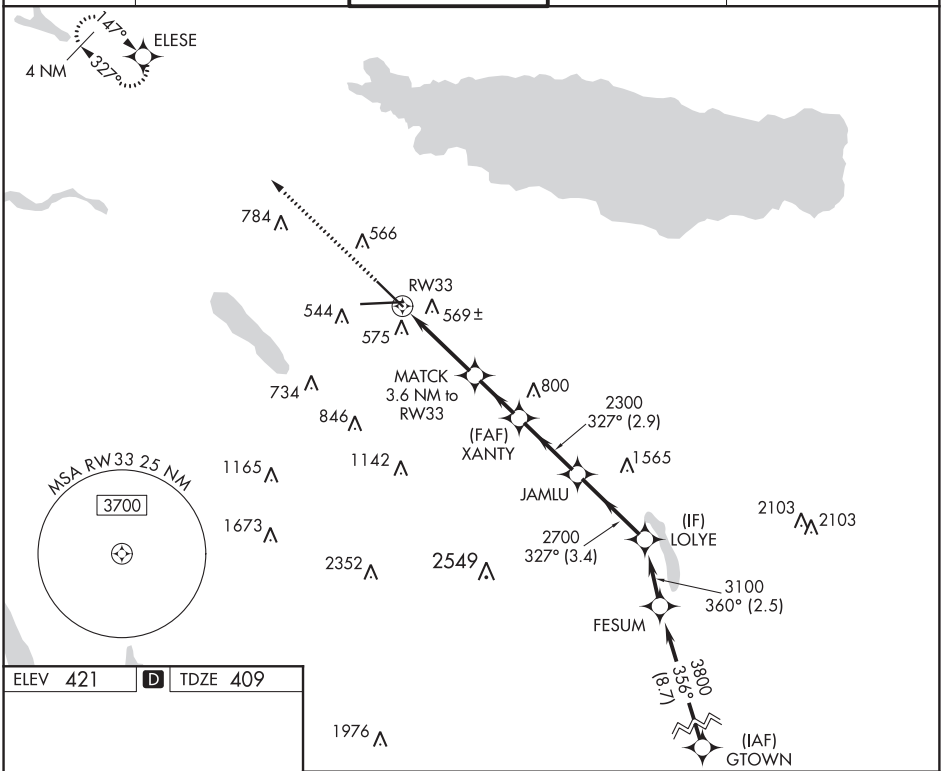
RNAV (GPS) RWY 33
SYRACUSE HANCOCK INTL (SYR)

RNP APCH.

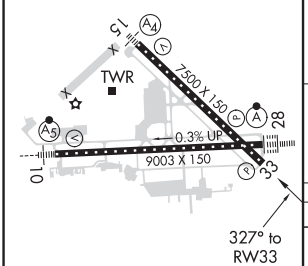
T Rwy 33 helicopter visibility reduction below ¾ SM NA. For uncompensated
A Baro-VNAV systems, LNAV/VNAV NA below -20°C or above 54°C.

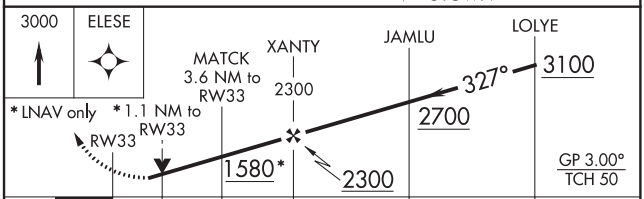
MISSED APPROACH: Climb to 3000 direct ELESE and hold.

ATIS	SYRACUSE APP CON	SYRACUSE TOWER	GND CON	CLNC DEL
124.225	126.125 269.125	120.3 239.0	121.7 348.6	125.05 257.775



ELEV 421 | D | TDZE 409





CATEGORY	A	B	C	D
LPV DA	715/45 306 (300-⅞)			
LNAV/VNAV DA	882-1⅜ 473 (500-1⅜)			
LNAV MDA	820/55 411 (400-1)		820/60 411 (400-1¼)	
C CIRCLING	900-1 479 (500-1)	920-1 499 (500-1)	1020-1½ 599 (600-1½)	1180-2½ 759 (800-2½)

TDZ/CL Rwy 28
HIRL Rwys 10-28 and 15-33

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

SYRACUSE, NEW YORK | AL-411 (FAA) | 20086

RNAV (GPS) Z RWY 10
SYRACUSE HANCOCK INTL (SYR)

WAAS CH 40017 W10A	APP CRS 100°	Rwy ldg 9003 TDZE 421 Apt Elev 421

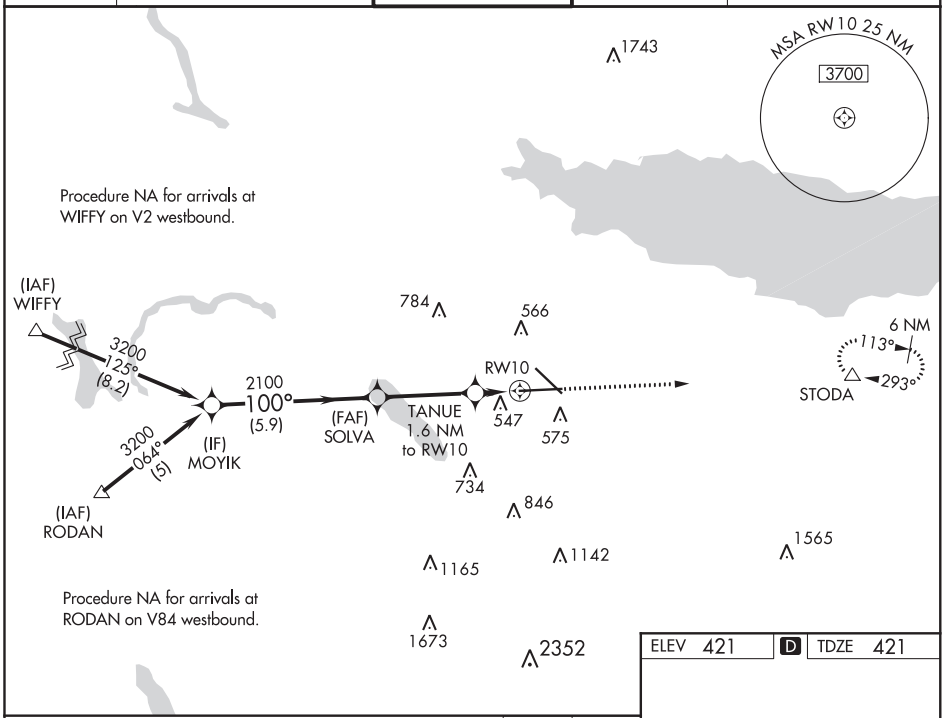
RNP APCH.

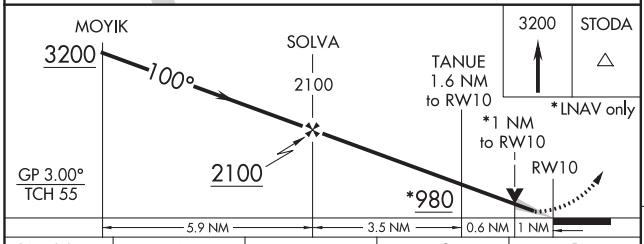
For uncompensated Baro-VNAV systems, LNAV/ VNAV NA below -19°C or above 54°C. For inop ALS, increase LNAV Cats C/D visibility to RVR 5500. # RVR 1800 authorized with use of FD or AP or HUD to DA.

MALSR

MISSED APPROACH: Climb to 3200 direct STODA and hold, continue climb-in-hold to 3200.

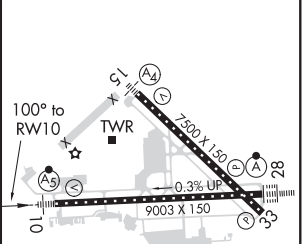
ATIS	SYRACUSE APP CON	SYRACUSE TOWER	GND CON	CLNC DEL
124.225	126.125 269.125	120.3 239.0	121.7 348.6	125.05 257.775





CATEGORY	A	B	C	D
LPV DA#	621/24 200 (200-½)			
LNAV/ VNAV DA	846/40 425 (500-¾)			
LNAV MDA	800/24 379 (400-½)		800/35 379 (400-⅝)	
C CIRCLING	900-1 479 (500-1)	920-1 499 (500-1)	1020-1½ 599 (600-1½)	1180-2½ 759 (800-2½)

ELEV 421 | D | TDZE 421



TDZ/CL Rwy 28
HIRL Rwys 10-28 and 15-33

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

WAAS CH 45517 W28A	APP CRS 281°	Rwy ldg 9003 TDZE 413 Apt Elev 421

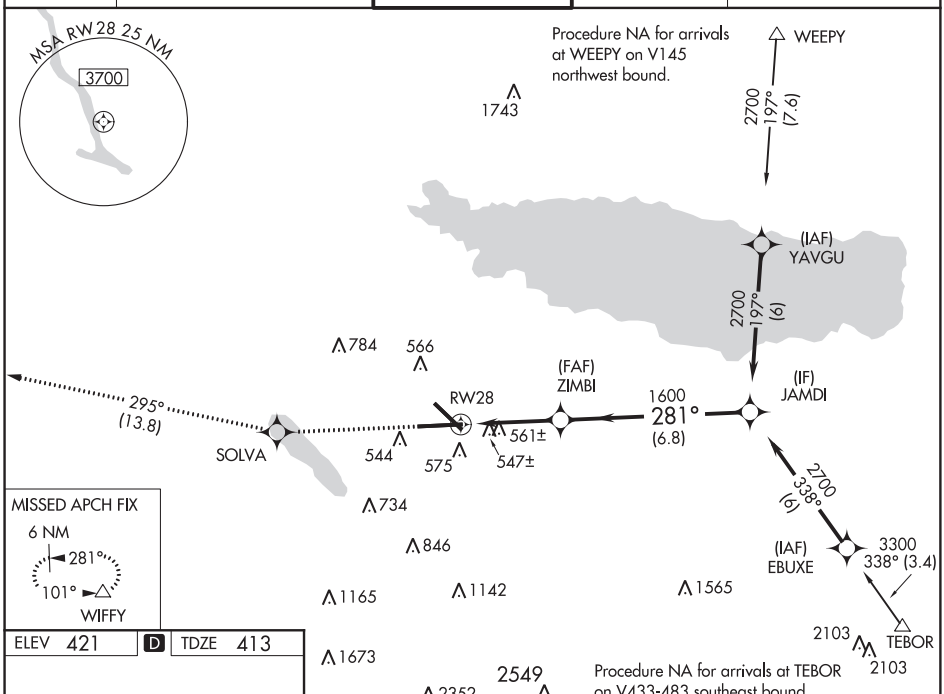
RNAV (GPS) Z RWY 28
SYRACUSE HANCOCK INTL (SYR)

For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -21°C (-6°F) or above 54°C (130°F). DME/DME RNP-0.3 NA. For inop ALSF-2, increase LNAV Cats C/D visibility to 1⅛ mile.

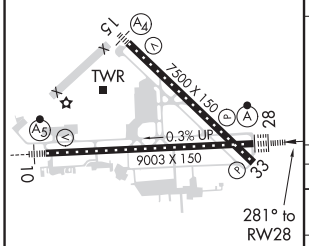
ALSF-2

MISSED APPROACH: Climb to 3000 direct SOLVA and on track 295° to WIFFY and hold.

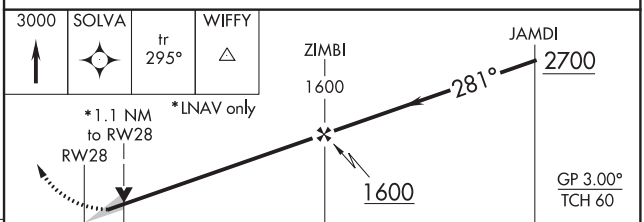
ATIS	SYRACUSE APP CON	SYRACUSE TOWER	GND CON	CLNC DEL
124.225	126.125 269.125	120.3 239.0	121.7 348.6	125.05 257.775



ELEV 421 | D | TDZE 413



TDZ/CL Rwy 28
HIRL Rwys 10-28 and 15-33



CATEGORY	A	B	C	D
LPV DA	613/18 200 (200-½)			
LNAV/VNAV DA	850/50 437 (500-1)			
LNAV MDA	820/24 407 (400-½)		820/40 407 (400-¾)	
CIRCLING	880-1 459 (500-1)	900-1 479 (500-1)	900-1½ 479 (500-1½)	980-2 559 (600-2)

NE-2, 10 SEP 2020 to 05 NOV 2020

SYRACUSE, NEW YORK | AL-411 (FAA) | 20086

VOR RWY 15
SYRACUSE HANCOCK INTL (SYR)

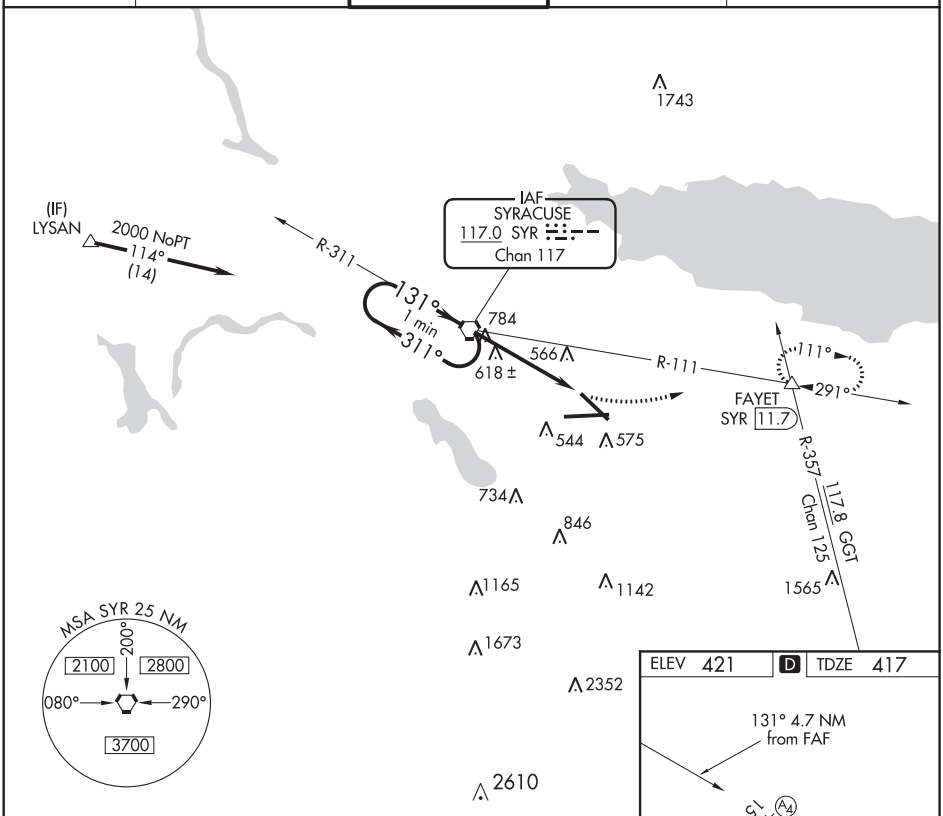
VORTAC SYR	APP CRS	Rwy ldg	7500
117.0	131°	TDZE	417
Chan 117		Apt Elev	421

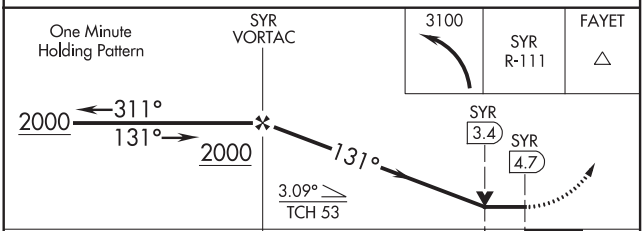
Inoperative table does not apply.
Helicopter visibility reduction below ¾ SM NA.

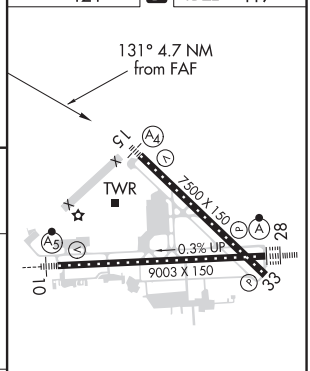
MALS

MISSED APPROACH: Climbing left turn to 3100 via SYR R-111 to FAYET INT/SYR 11.7 DME and hold, continue climb-in-hold to 3100.

ATIS	SYRACUSE APP CON	SYRACUSE TOWER	GND CON	CLNC DEL
124.225	126.125 269.125	120.3 239.0	121.7 348.6	125.05 257.775







TDZ/CL Rwy 28
HIRL Rwys 10-28 and 15-33

CATEGORY	A	B	C	D
S-15	880-1 463 (500-1)		880-1⅜ 463 (500-1⅜)	
CIRCLING	880-1 459 (500-1)	900-1 479 (500-1)	900-1½ 479 (500-1½)	980-2 559 (600-2)

FAF to MAP 4.7 NM

Knots	60	90	120	150	180
Min:Sec	4:42	3:08	2:21	1:53	1:34

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

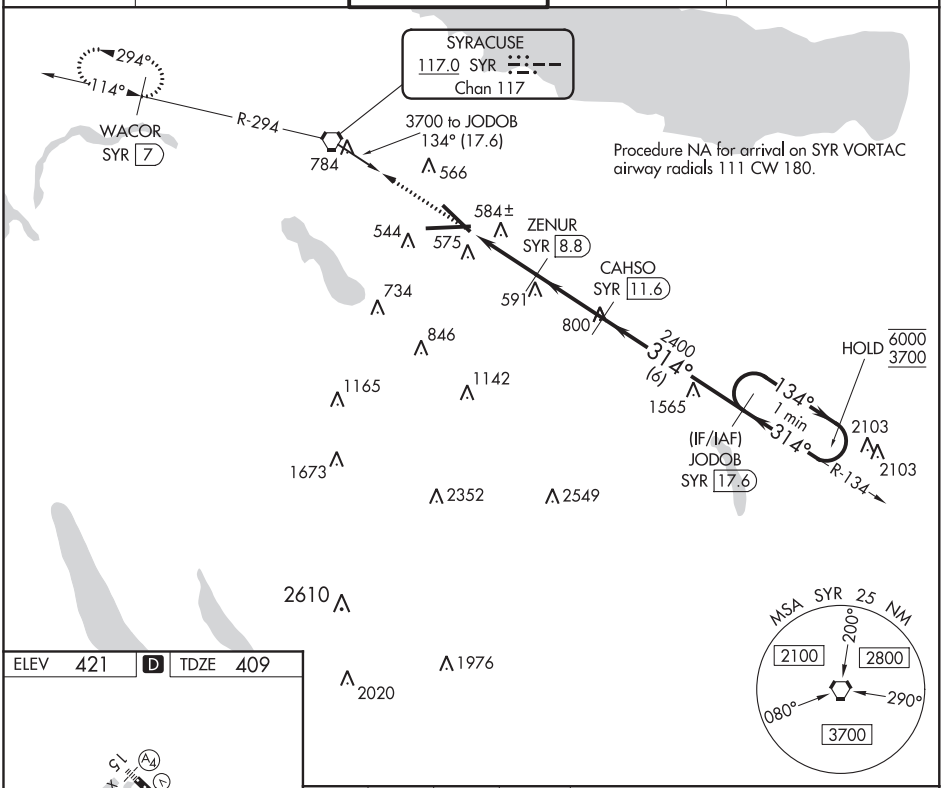
VORTAC SYR	APP CRS	Rwy ldg	7500
117.0	314°	TDZE	409
Chan 117		Apt Elev	421

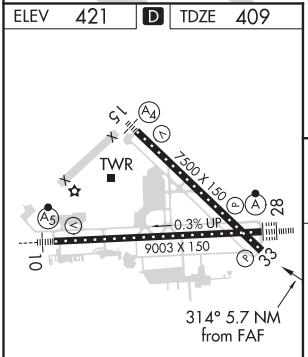
TACAN RWY 33
SYRACUSE HANCOCK INTL (SYR)

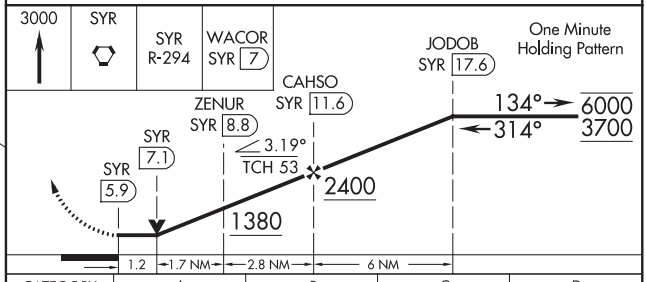
Rwy 33 helicopter visibility reduction below ¾ SM NA.

MISSED APPROACH: Climb to 3000 direct SYR VORTAC and on SYR VORTAC R-294 to WACOR/7 DME and hold.

ATIS	SYRACUSE APP CON	SYRACUSE TOWER	GND CON	CLNC DEL
124.225	126.125 269.125	120.3 239.0	121.7 348.6	125.05 257.775







CATEGORY	A	B	C	D
S-33	840/55 431 (500-1)		840-1¼ 431 (500-1¼)	
C CIRCLING	900-1 479 (500-1)	920-1 499 (500-1)	1020-1½ 599 (600-1½)	1180-2½ 759 (800-2½)

TDZ/CL Rwy 28
HIRL Rwys 10-28 and 15-33

NE-2, 10 SEP 2020 to 05 NOV 2020

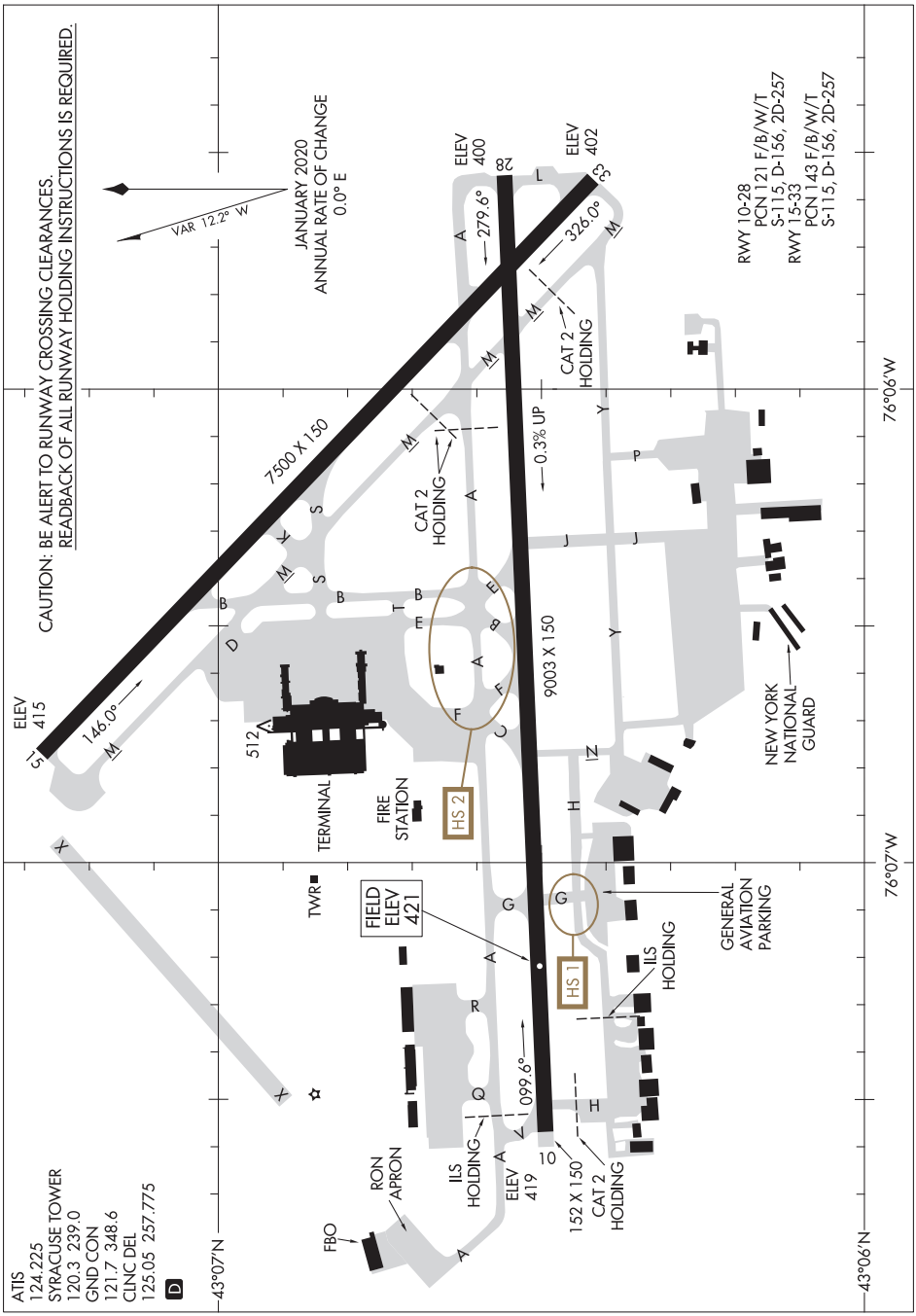
NE-2, 10 SEP 2020 to 05 NOV 2020

20086

AIRPORT DIAGRAM

AL-411 (FAA)

SYRACUSE HANCOCK INTL (SYR)
SYRACUSE, NEW YORK



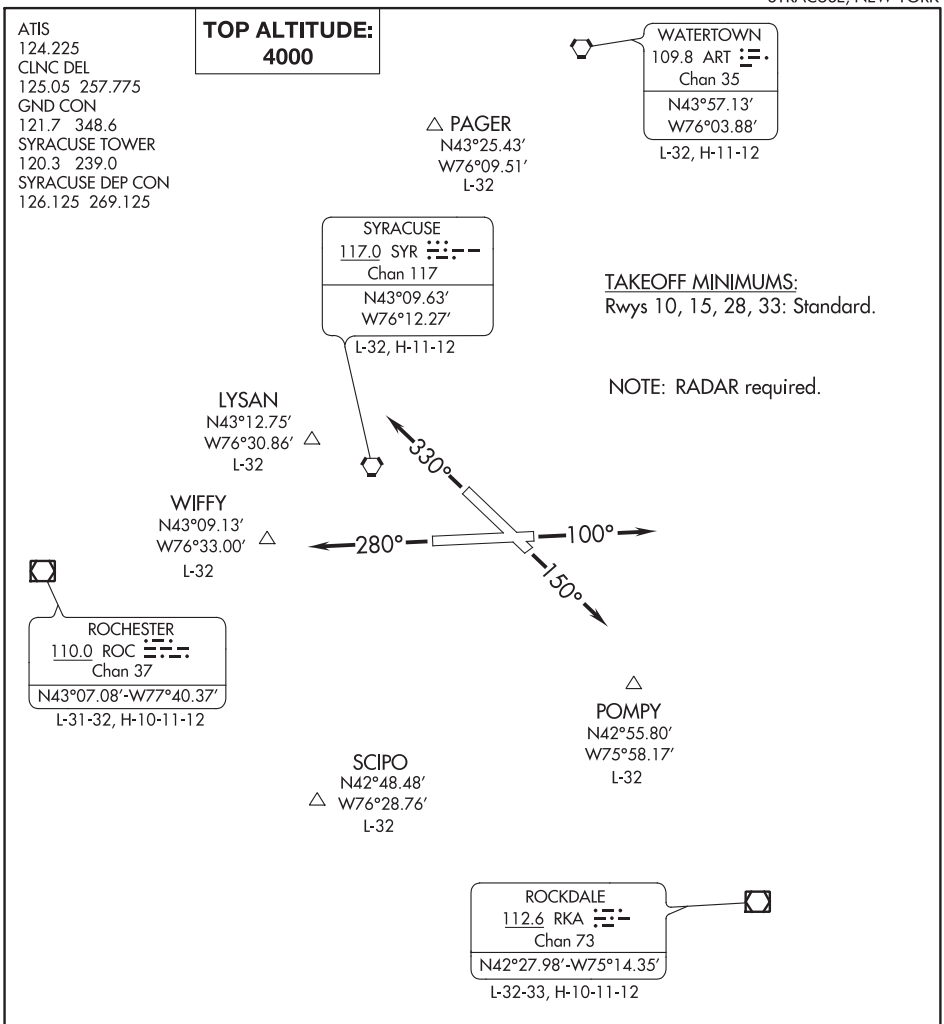
NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

AIRPORT DIAGRAM
20086
SYRACUSE, NEW YORK
SYRACUSE HANCOCK INTL (SYR)

SYRACUSE TWO DEPARTURE

AL-411 (FAA)



DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 10: Climb on heading 100°, thence . . . .
TAKEOFF RUNWAY 28: Climb on heading 280°, thence . . . .
TAKEOFF RUNWAY 15: Climb on heading 150°, thence . . . .
TAKEOFF RUNWAY 33: Climb on heading 330°, thence . . . .

. . . .for RADAR vectors to intercept filed/assigned route or enroute fix or navaid. Maintain 4000, expect further clearance to requested altitude/flight level ten minutes after departure.

NE-2, 10 SEP 2020 to 05 NOV 2020

ILS or LOC RWY 6

TETERBORO (TEB)

LOC I-TEB	APP CRS	Rwy ldg	6013
108.9	060°	TDZE	6
		Apt Elev	8

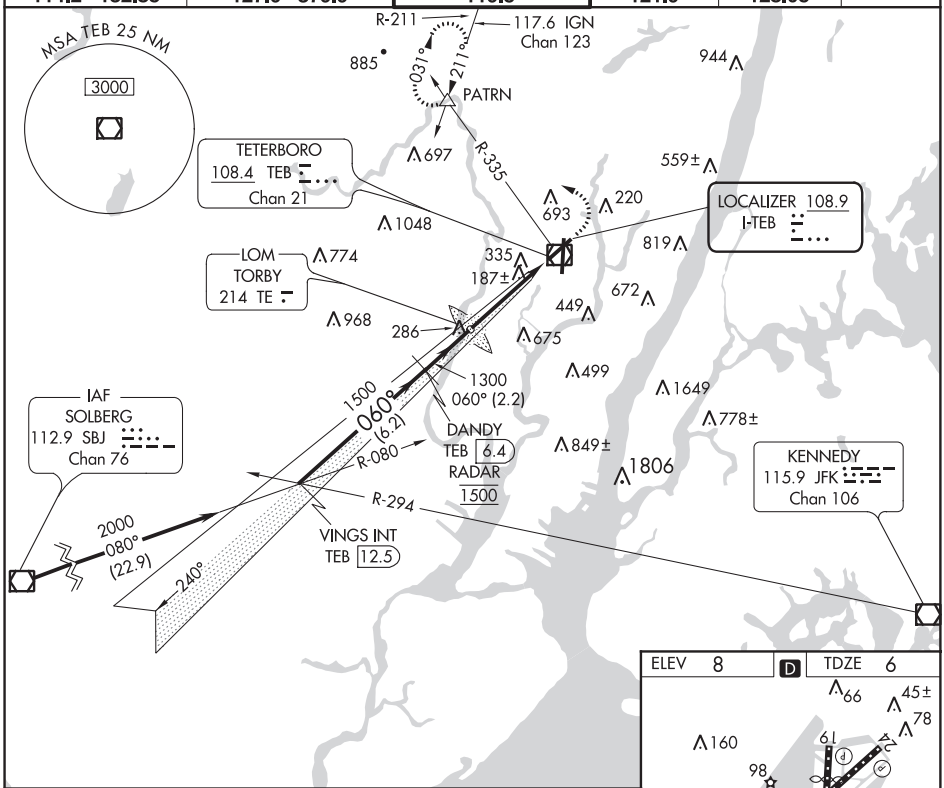
DME or RADAR required. ADF required for LOC only.

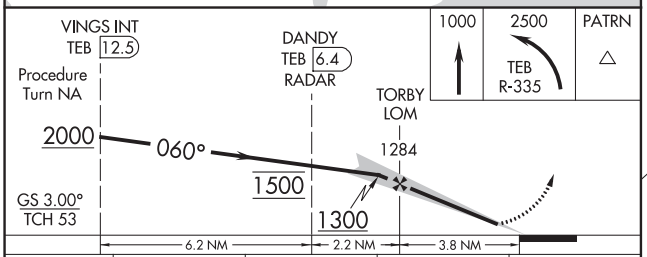
DME from TEB VOR/DME. For inop ALS, increase LOC Cat C/D visibility to 1⅜ SM. Circling NA Cats B, C, and D northwest of Rwys 6 and 19. When Circling to Rwy 24 at night, operational VGSI required, remain on or above VGSI glidepath until threshold.

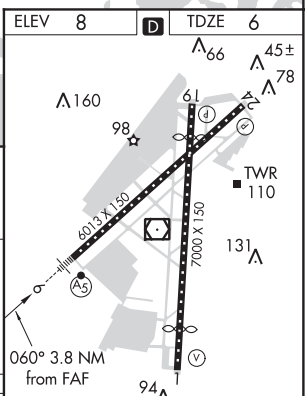
MALSR

MISSED APPROACH: Climb to 1000, then climbing left turn to 2500 on TEB R-335 to PATRN INT and hold.

D-ATIS	NEW YORK APP CON	TETERBORO TOWER	GND CON	CLNC DEL	CPDLC
114.2 132.85	127.6 379.9	119.5	121.9	128.05	







CATEGORY	A	B	C	D
S-ILS 6	206/18		200 (200-½)	
S-LOC 6	500/24	494 (500-½)	500/50	494 (500-1)
C CIRCLING	760-1 752 (800-1)	760-1¼ 752 (800-1¼)	820-2½ 812 (900-2½)	1040-3 1032 (1100-3)

FAF to MAP 3.8 NM

Knots	60	90	120	150	180
Min:Sec	3:48	2:32	1:54	1:31	1:16

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

ILS or LOC RWY 19

TETERBORO (TEB)

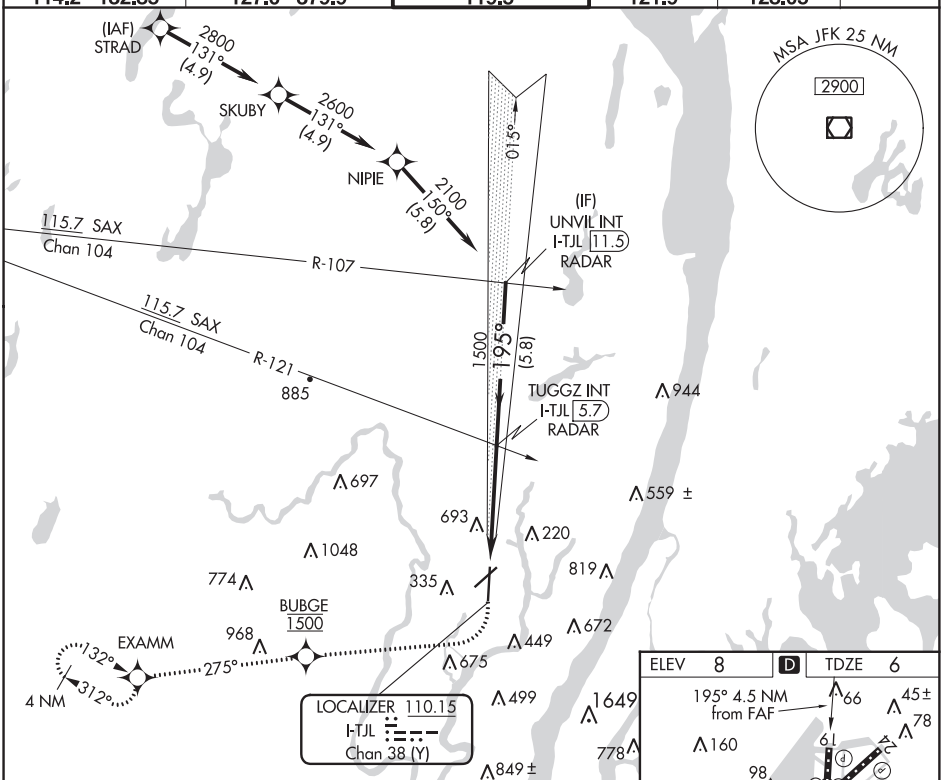
LOC/DME I-TJL	APP CRS	Rwy ldg	6230
110.15	195°	TDZE	6
Chan 38 (Y)		Apt Elev	8

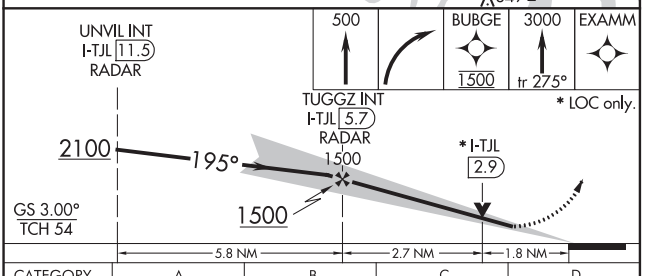
RNAV 1-GPS or RADAR required for procedure entry.
From STRAD: RNAV 1-GPS required.
RADAR required. RNAV 1-GPS from MAP to EXAMM.

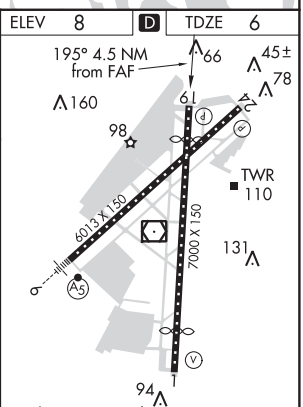
Circling NA for Cats B, C, D northwest of Rwy 6-19.

MISSED APPROACH: Climb to 500 then climbing right turn direct BUBGE, cross BUBGE at 1500, then climb to 3000 on track 275° to EXAMM and hold, continue climb-in-hold to 3000.

D-ATIS	NEW YORK APP CON	TETERBORO TOWER	GND CON	CLNC DEL	CPDLC
114.2 132.85	127.6 379.9	119.5	121.9	128.05	







CATEGORY	A	B	C	D
S-ILS 19	219-¾ 213 (300-¾)			
S-LOC 19	640-1 634 (700-1)		640-1¾ 634 (700-1¾)	
C CIRCLING	760-1 752 (800-1)		820-2½ 812 (900-2½)	1040-3 1032 (1100-3)

FAF to MAP 4.5 NM					
Knots	60	90	120	150	180
Min:Sec	4:30	3:00	2:15	1:48	1:30

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

TETERBORO, NEW JERSEY | AL-890 (FAA) | 19339

RNAV (RNP) Z RWY 6

TETERBORO (TEB)

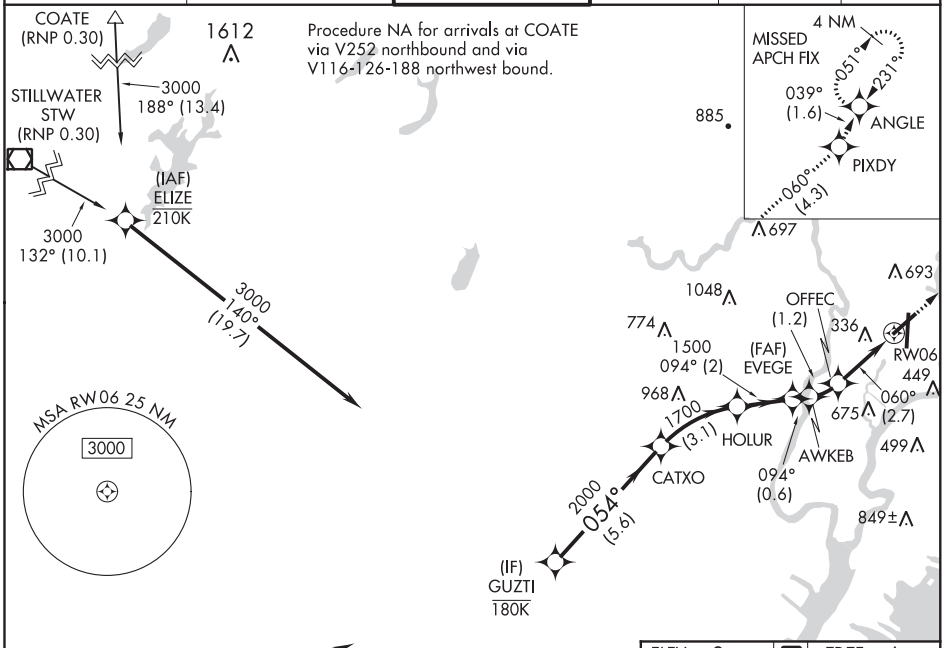
APP CRS	Rwy ldg	6013
060°	TDZE	6
	Apt Elev	9

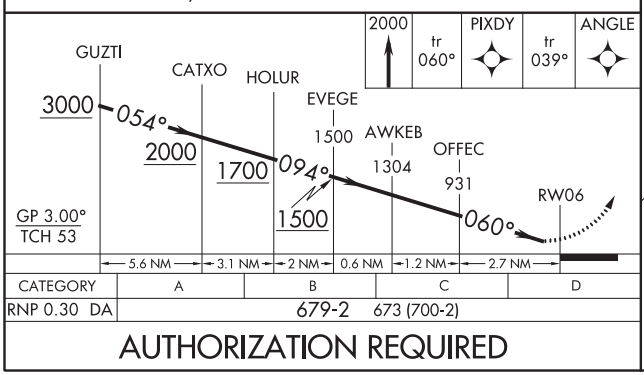
For uncompensated Baro-VNAV systems, procedure NA below -13°C (8°F) or above 54°C (130°F). For inoperative MALSR, increase RNP 0.30 all Cats visibility to 2 ¼ . RF required. GPS required.

MALSR

MISSED APPROACH: Climb to 2000 on track 060° to PIXDY and on track 039° to ANGLE and hold.

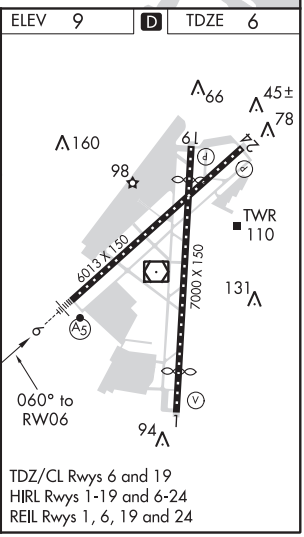
D-ATIS	NEW YORK APP CON	TETERBORO TOWER	GND CON	CLNC DEL	CPDLC
114.2 132.85	127.6 379.9	119.5	121.9	128.05	





CATEGORY	A	B	C	D
RNP 0.30 DA	679-2	673 (700-2)		

AUTHORIZATION REQUIRED



NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

APP CRS	Rwy ldg	6230
195°	TDZE	6
	Apt Elev	8

RNAV (RNP) Z RWY 19

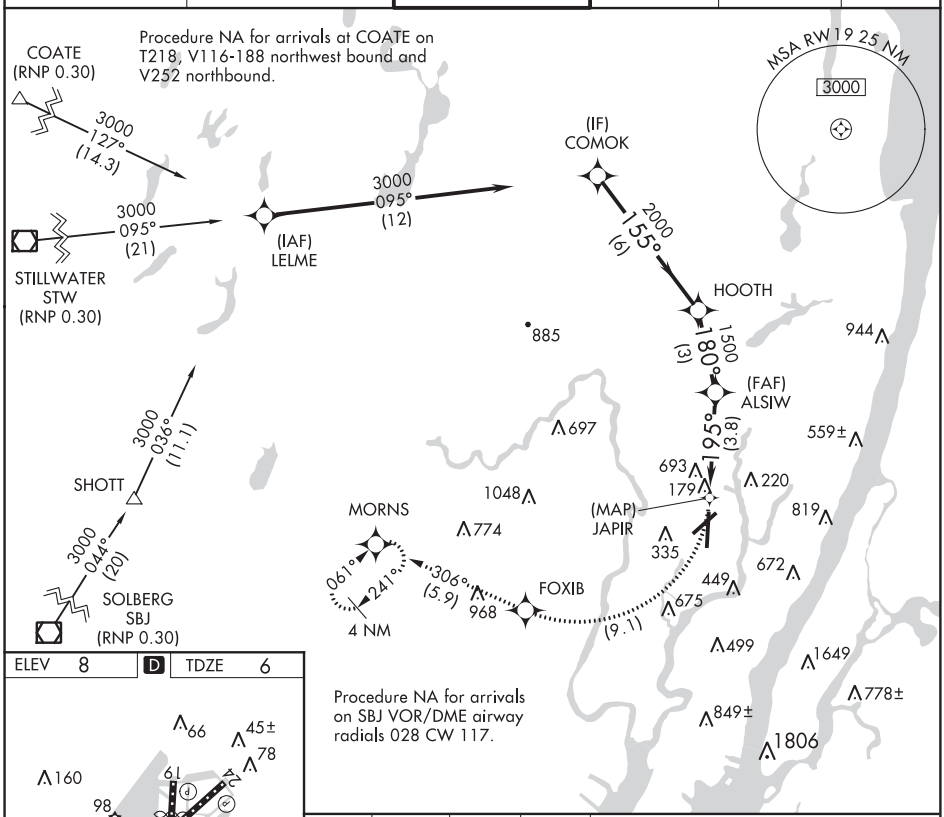
TETERBORO (TEB)

T NA

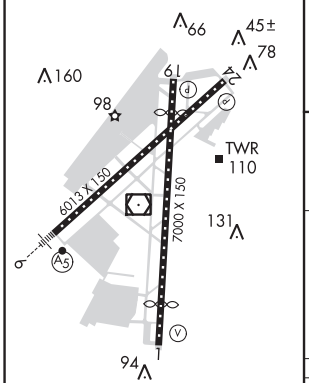
For uncompensated Baro-VNAV systems, procedure NA below -13°C (8°F) or above 54°C (130°F). RF required. GPS required. Missed approach requires RNP less than 1.0.

MISSED APPROACH: Climb to 1500 via right turn to FOXIB, then climb to 3000 on track 306° to MORNS and hold.

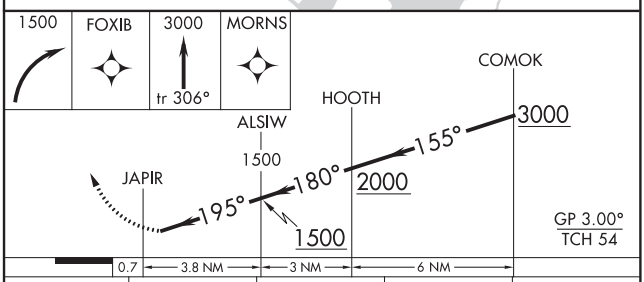
D-ATIS	NEW YORK APP CON	TETERBORO TOWER	GND CON	CLNC DEL	CPDLC
114.2 132.85	127.6 379.9	119.5	121.9	128.05	



ELEV	8	D	TDZE	6



TDZ/CL Rwys 6 and 19
REIL Rwys 1, 6, 19 and 24
HIRL Rwys 1-19 and 6-24



CATEGORY	A	B	C	D
RNP 0.10 DA	499-1¾ 493 (500-1¾)			

AUTHORIZATION REQUIRED

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

TETERBORO, NEW JERSEY

AL-890 (FAA)

20142

RNAV (GPS) RWY 24

TETERBORO (TEB)

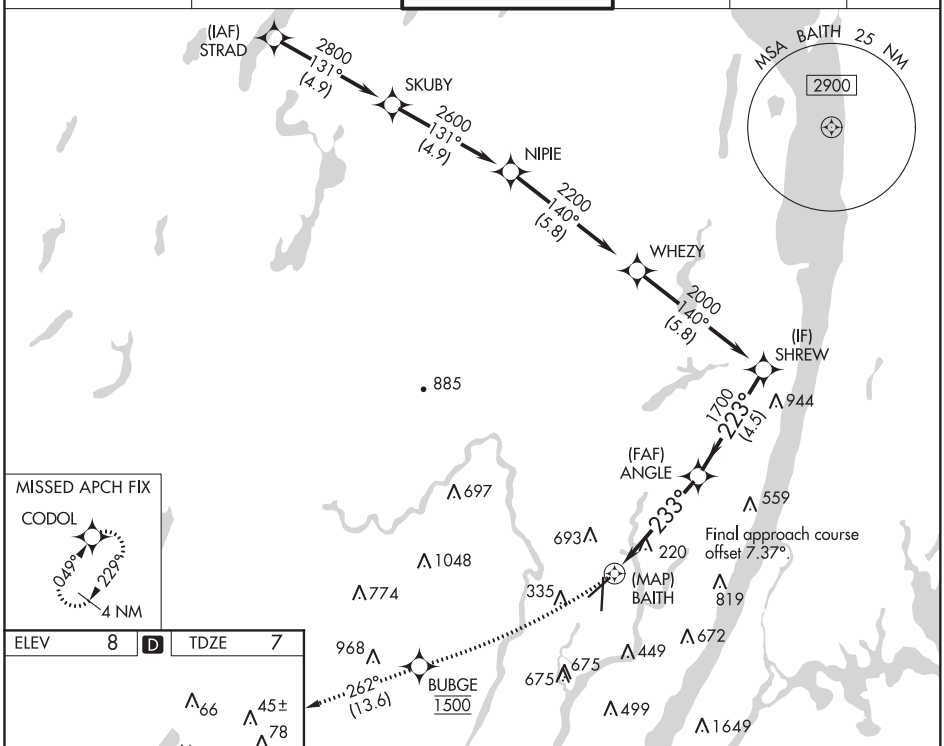
APP CRS	Rwy ldg	6013
233°	TDZE	7
	Apt Elev	8

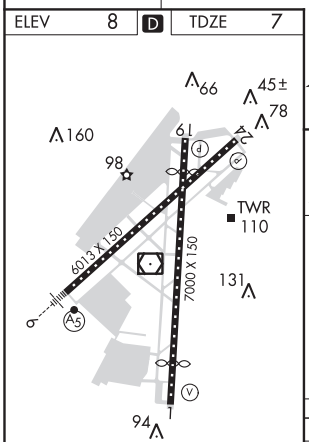
RNP APCH. RADAR required.

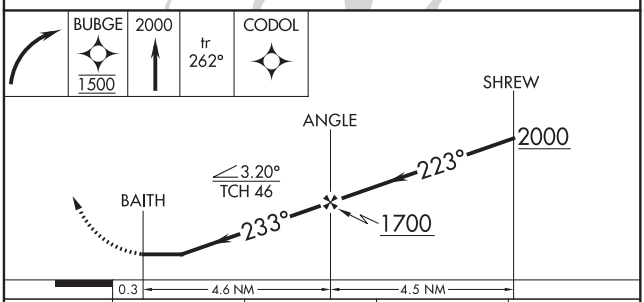
Circling NA for Cats B, C, D northwest of Rwy 6-19.
Rwy 24 helicopter visibility reduction below 1 NA.

MISSED APPROACH: Climbing right turn direct BUBGE, cross BUBGE at 1500 then climb to 2000 on track 262°to CODOL and hold.

D-ATIS	NEW YORK APP CON	TETERBORO TOWER	GND CON	CLNC DEL	CPDLC
114.2 132.85	127.6 379.9	119.5	121.9	128.05	







CATEGORY	A	B	C	D
LNAV MDA	580-1	573 (600-1)	580-1⅝	573 (600-1⅝)
C CIRCLING	760-1	752 (800-1)	820-2½ 812 (900-2½)	1040-3 1032 (1100-3)

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

WAAS CH 65634 W06B	APP CRS 063°	Rwy ldg 6013 TDZE 6 Apt Elev 8

RNAV (GPS) X RWY 6

TETERBORO (TEB)

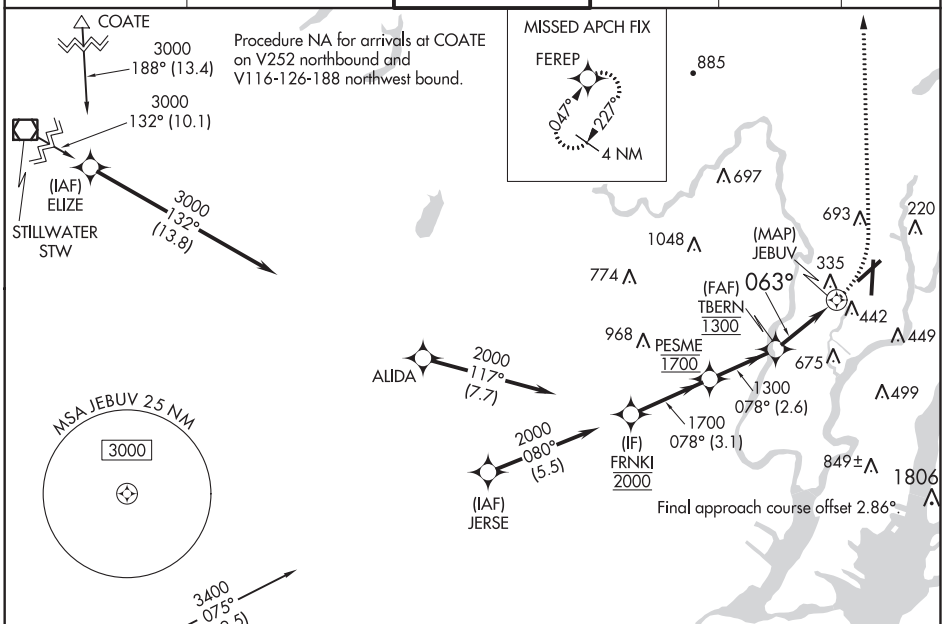
RNP APCH.

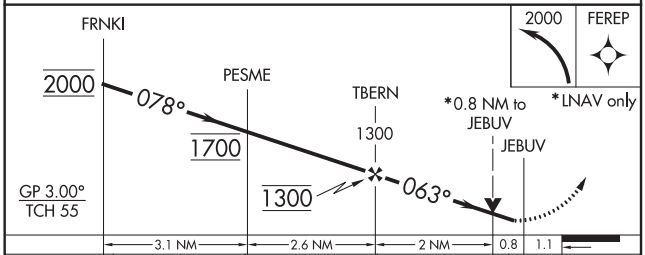
For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -13°C (9°F) or above 54°C (130°F). Circling NA for Cats B, C and D NW of Rwys 6 and 19. For inop ALS, increase LPV all Cats visibility to 1½ SM, LNAV/VNAV all Cats visibility to 2½ SM, and LNAV Cats A/B visibility to 1¼ SM. When Circling to Rwy 24 at night, operational VGSI required, remain on or above VGSI glidepath until threshold.

MALSR A5

MISSED APPROACH: Climbing left turn to 2000 direct FEREP and hold.

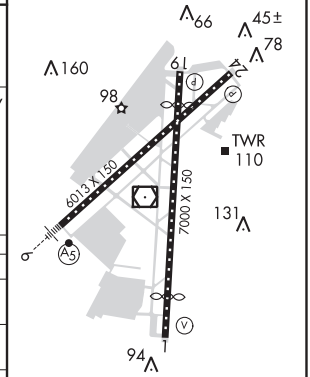
D-ATIS	NEW YORK APP CON	TETERBORO TOWER	GND CON	CLNC DEL	CPDLC
114.2 132.85	127.6 379.9	119.5	121.9	128.05	





CATEGORY	A	B	C	D
LPV DA	459/55 453 (500-1)			
LNAV/VNAV DA	672-1⅞ 666 (700-1⅞)			
LNAV MDA	660/45 654 (700-⅞)		660-1⅜ 654 (700-1⅜)	
C CIRCLING	760-1¼ 752 (800-1¼)		820-2½ 812 (900-2½)	1040-3 1032 (1100-3)

ELEV 8 D TDZE 6



TDZ/CL Rwys 6 and 19
HIRL Rwys 1-19 and 6-24
REIL Rwys 1, 6, 19 and 24

NE-2, 10 SEP 2020 to 05 NOV 2020

WAAS CH 65707 W06A	APP CRS 060°	Rwy ldg 6013 TDZE 6 Apt Elev 8

RNAV (GPS) Y RWY 6

TETERBORO (TEB)

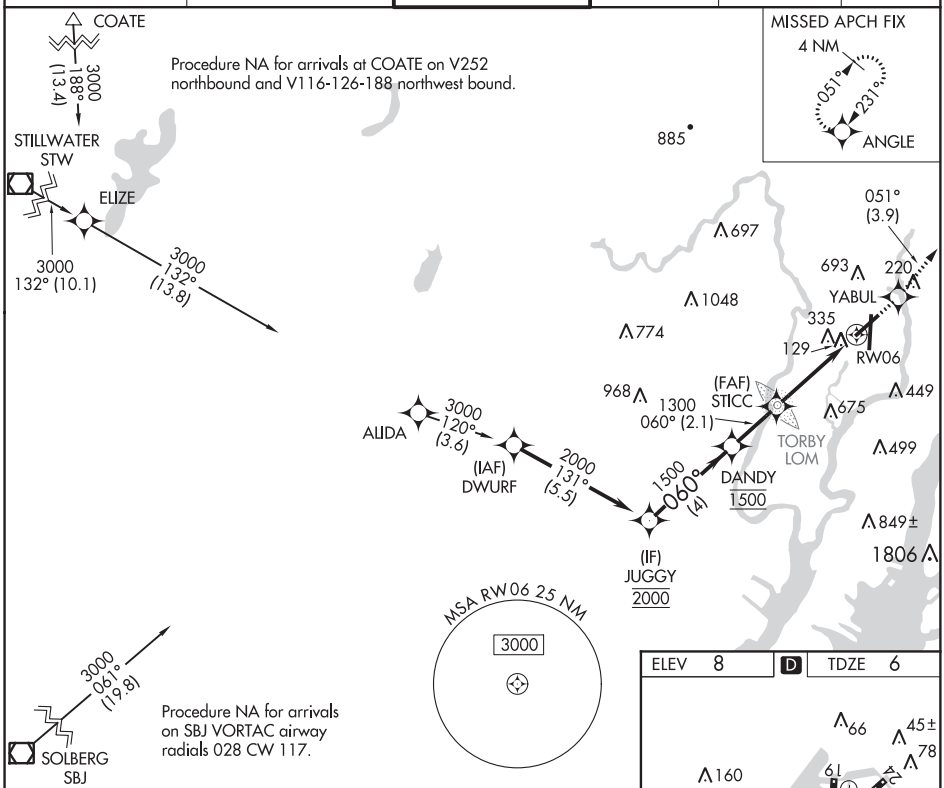
RNP APCH.

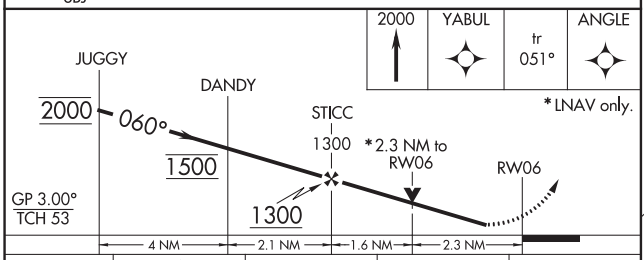
Circling NA for Cats B, C, and D NW of Rwys 6 and 19. When Circling to Rwy 24 at night, operational VGSI required, remain on or above VGSI glidepath until threshold.

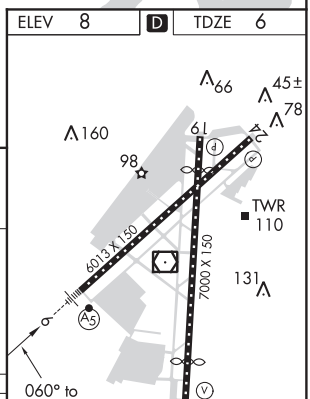
MALSR

MISSED APPROACH: Climb to 2000 direct YABUL and on track 051° to ANGLE and hold.

D-ATIS	NEW YORK APP CON	TETERBORO TOWER	GND CON	CLNC DEL	CPDLC
114.2 132.85	127.6 379.9	119.5	121.9	128.05	







CATEGORY	A	B	C	D
LPV DA	369/40 363 (400-¾)			
LNAV MDA	800/40 794 (800-¾)		800-1¾ 794 (800-1¾)	800-2 794 (800-2)
C CIRCLING	800-1 792 (800-1)	800-1¼ 792 (800-1¼)	820-2½ 812 (900-2½)	1040-3 1032 (1100-3)

TDZ/CL Rwys 6 and 19
HIRL Rwys 1-19 and 6-24
REIL Rwys 1, 6, 19 and 24

NE-2, 10 SEP 2020 to 05 NOV 2020

WAAS CH 97736 W19A	APP CRS 195°	Rwy ldg 6230 TDZE 6 Apt Elev 8

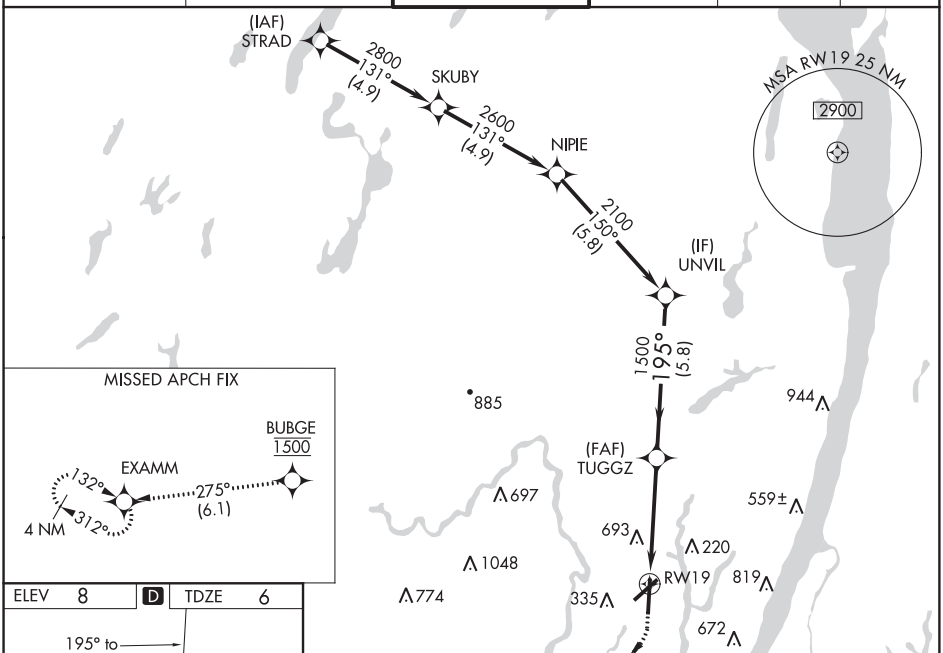
RNAV (GPS) Y RWY 19
TETERBORO (TEB)

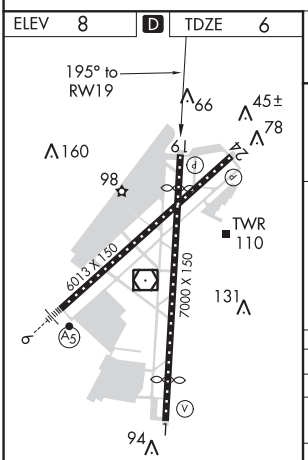
RNP APCH. RADAR required.

Circling NA for Cats B, C, D northwest of Rwy 6-19. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -14°C or above 54°C.

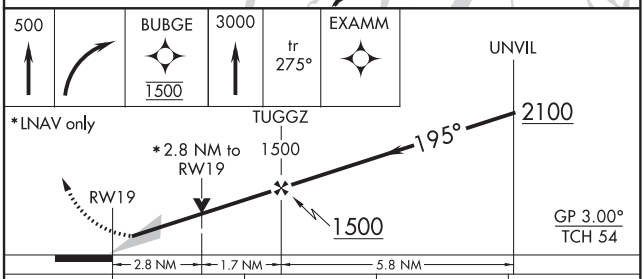
MISSED APPROACH: Climb to 500 then climbing right turn direct BUBGE, cross BUBGE at 1500, then climb to 3000 on track 275°to EXAMM and hold, continue climb-in-hold to 3000.

D-ATIS	NEW YORK APP CON	TETERBORO TOWER	GND CON	CLNC DEL	CPDLC
114.2 132.85	127.6 379.9	119.5	121.9	128.05	





TDZ/CL Rwys 6 and 19
REIL Rwys 1, 6, 19 and 24
HIRL Rwys 1-19 and 6-24



CATEGORY	A	B	C	D
LPV DA	219-¾ 213 (300-¾)			
LNAV/VNAV DA	1096-4 1090 (1100-4)			
LNAV MDA	960-1¼ 954 (1000-1¼)	960-1½ 954 (1000-1½)	960-3 954 (1000-3)	
C CIRCLING	960-1¼ 952 (1000-1¼)	960-1½ 952 (1000-1½)	960-3 952 (1000-3)	1040-3 1032 (1100-3)

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

TETERBORO, NEW JERSEY — AL-890 (FAA) — 19339

VOR/DME RWY 6
TETERBORO (TEB)

VOR/DME TEB	APP CRS	Rwy ldg 6013
108.4	064°	TDZE 6
Chan 21		Apt Elev 8

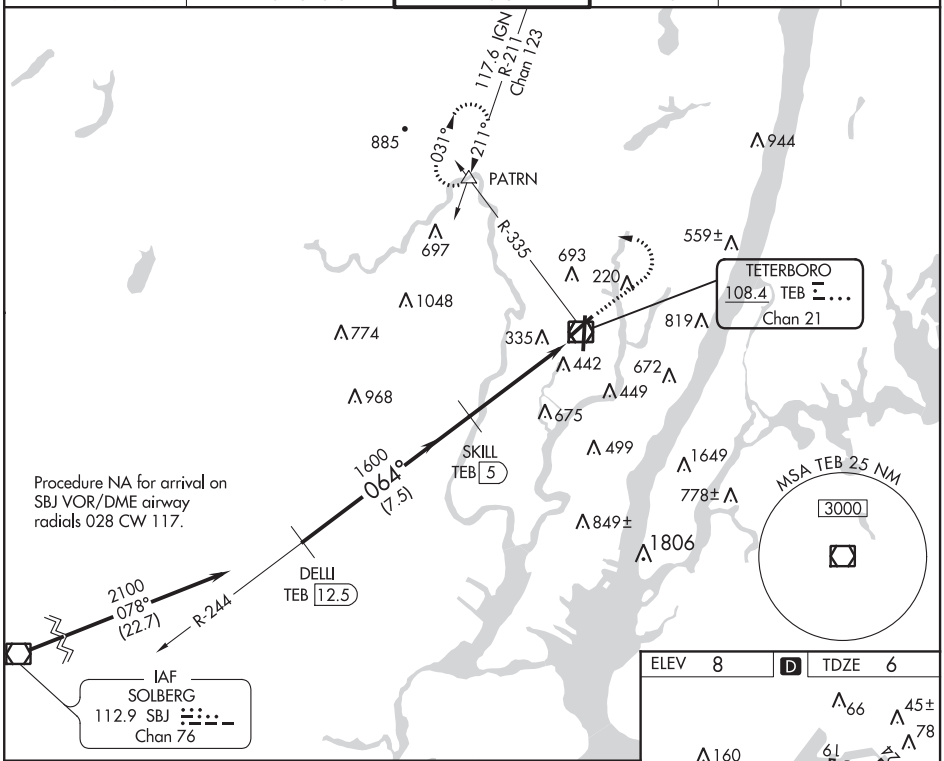
DME required for procedure.

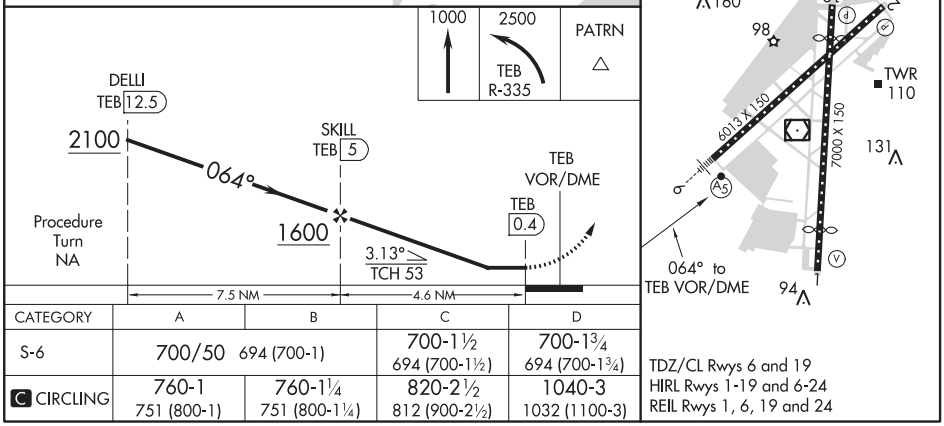
Inoperative table does not apply to S-6 Cats A and B. Circling NA for Cats B, C, and D NW of Rwys 6 and 19. When Circling to Rwy 24 at night, operational VGSI required, remain on or above VGSI glidepath until threshold.

MALSR

MISSED APPROACH: Climb to 1000, then climbing left turn to 2500 on TEB R-335 to PATRN INT and hold.

D-ATIS	NEW YORK APP CON	TETERBORO TOWER	GND CON	CLNC DEL	CPDLC
114.2 132.85	127.6 379.9	119.5	121.9	128.05	





CATEGORY	A	B	C	D
S-6	700/50 694 (700-1)		700-1½ 694 (700-1½)	700-1¾ 694 (700-1¾)
C CIRCLING	760-1 751 (800-1)	760-1¼ 751 (800-1¼)	820-2½ 812 (900-2½)	1040-3 1032 (1100-3)

TDZ/CL Rwys 6 and 19
HIRL Rwys 1-19 and 6-24
REIL Rwys 1, 6, 19 and 24

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

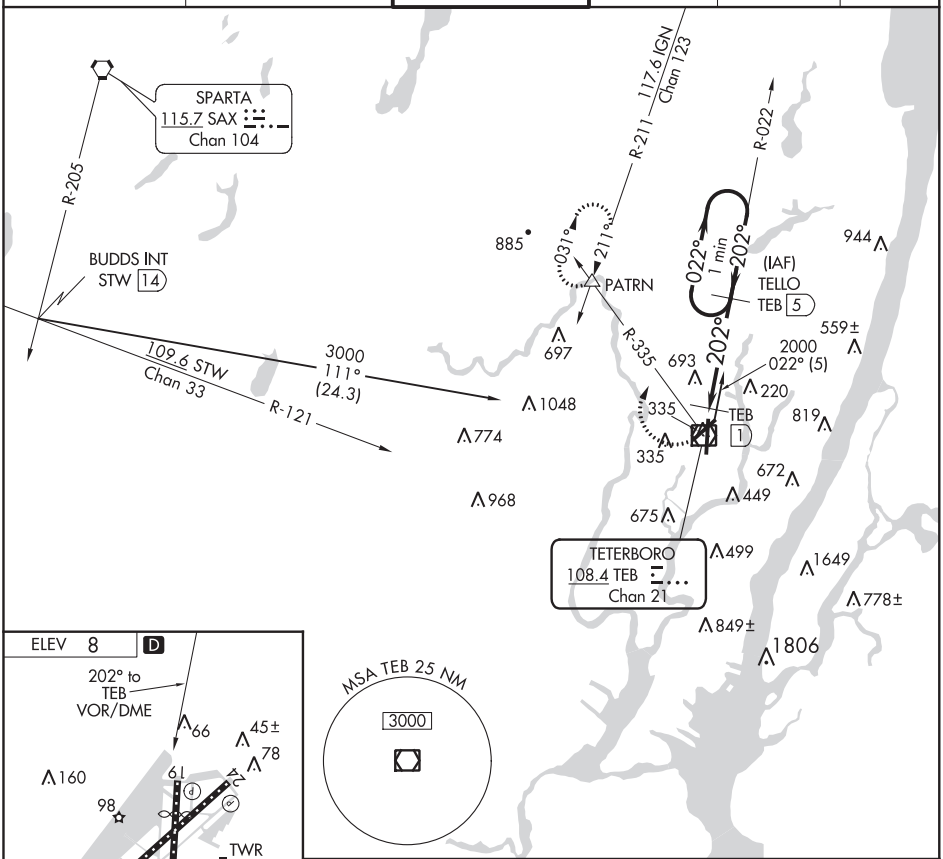
VOR/DME TEB 108.4 Chan 21	APP CRS 202°	Rwy ldg N/A TDZE N/A Apt Elev 8

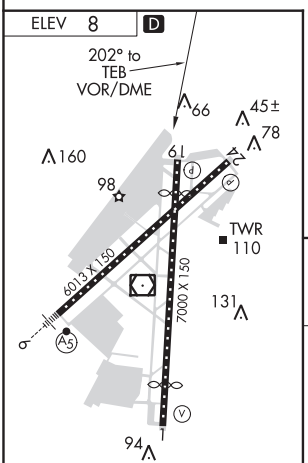
VOR/DME-B
TETERBORO (TEB)

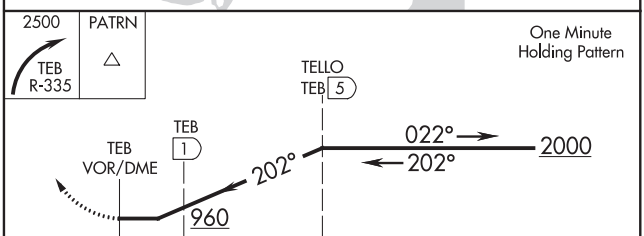
Circling NA for Cats B, C and D NW of Rwys 6 and 19. When Circling to Rwy 24 at night, operational VGSI required, remain on or above VGSI glidepath until threshold.

MISSED APPROACH:
Climbing right turn to 2500 on TEB R-335 to PATRN INT and hold.

D-ATIS	NEW YORK APP CON	TETERBORO TOWER	GND CON	CLNC DEL	CPDLC
114.2 132.85	127.6 379.9	119.5	121.9	128.05	







TDZ/CL Rwys 6 and 19
HIRL Rwys 1-19 and 6-24
REIL Rwys 1, 6, 19 and 24

CATEGORY	A	B	C	D
C CIRCLING	800-1 792 (800-1)	800-1¼ 792 (800-1¼)	820-2½ 812 (900-2½)	1040-3 1032 (1100-3)

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

TETERBORO, NEW JERSEY — AL-890 (FAA) — 20254

VOR RWY 24
TETERBORO (TEB)

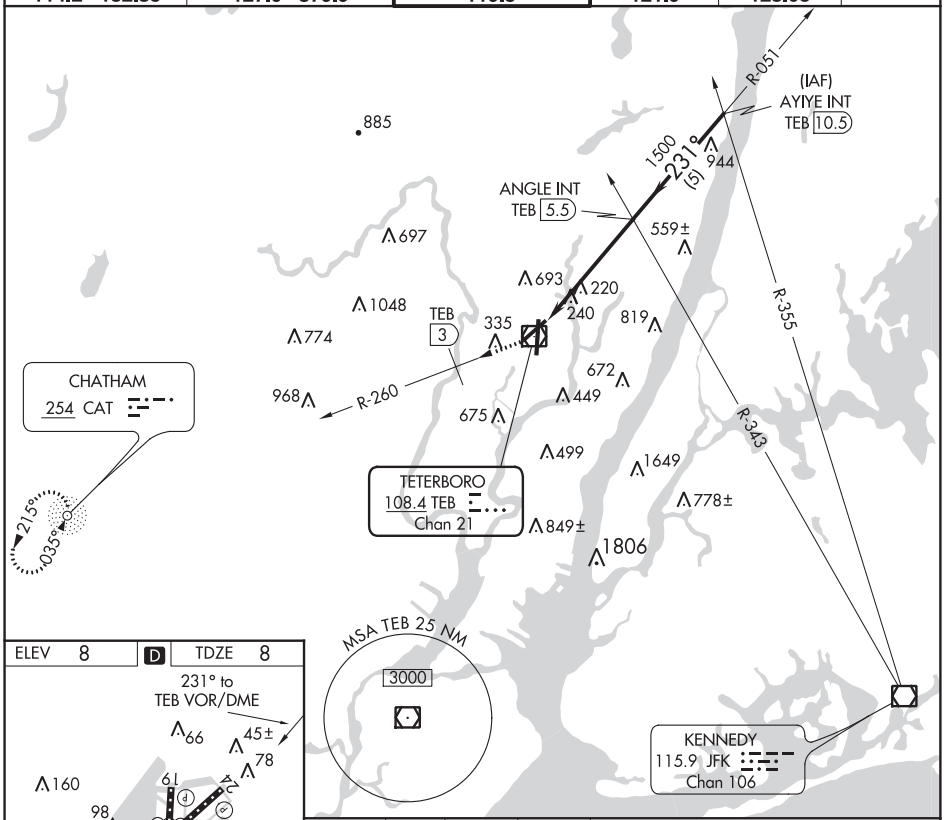
VOR/DME TEB	APP CRS	Rwy ldg	6013
108.4	231°	TDZE	8
Chan 21		Apt Elev	8

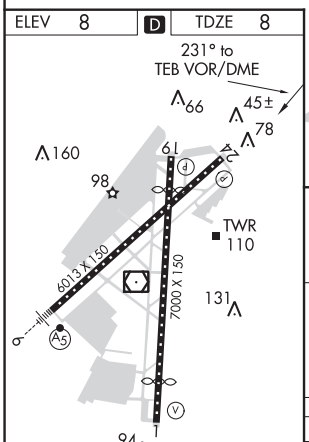
DME and RADAR required for procedure entry. DME required. ADF and DME required for missed approach.

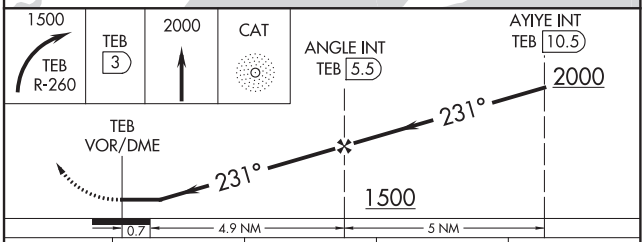
Circling NA for Cats B, C and D NW of Rwys 6 and 19. Rwy 24 helicopter visibility reduction below 1 SM NA. Straight-in Rwy 24, Circling Rwy 24 at night, operational VGSI required, remain on or above VGSI glidepath until threshold.

MISSED APPROACH: Climbing right turn to 1500 on TEB R-260 to 3 DME then climb to 2000 direct CAT NDB and hold.

D-ATIS	NEW YORK APP CON	TETERBORO TOWER	GND CON	CLNC DEL	CPDLC
114.2 132.85	127.6 379.9	119.5	121.9	128.05	







CATEGORY	A	B	C	D
S-24	540-1 532 (600-1)		540-1½ 532 (600-1½)	540-1¾ 532 (600-1¾)
C CIRCLING	760-1 752 (800-1)	1000-1½ 992 (1000-1½)	1000-3 992 (1000-3)	1040-3 1032 (1100-3)

TDZ/CL Rwys 6 and 19
HIRL Rwys 1-19 and 6-24
REIL Rwys 1, 6, 19 and 24

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

LOC I-TEB	APP CRS	Rwy ldg	6013
108.9	060°	TDZE	6
		Apt Elev	8

COPTER ILS or LOC RWY 6

TETERBORO (TEB)

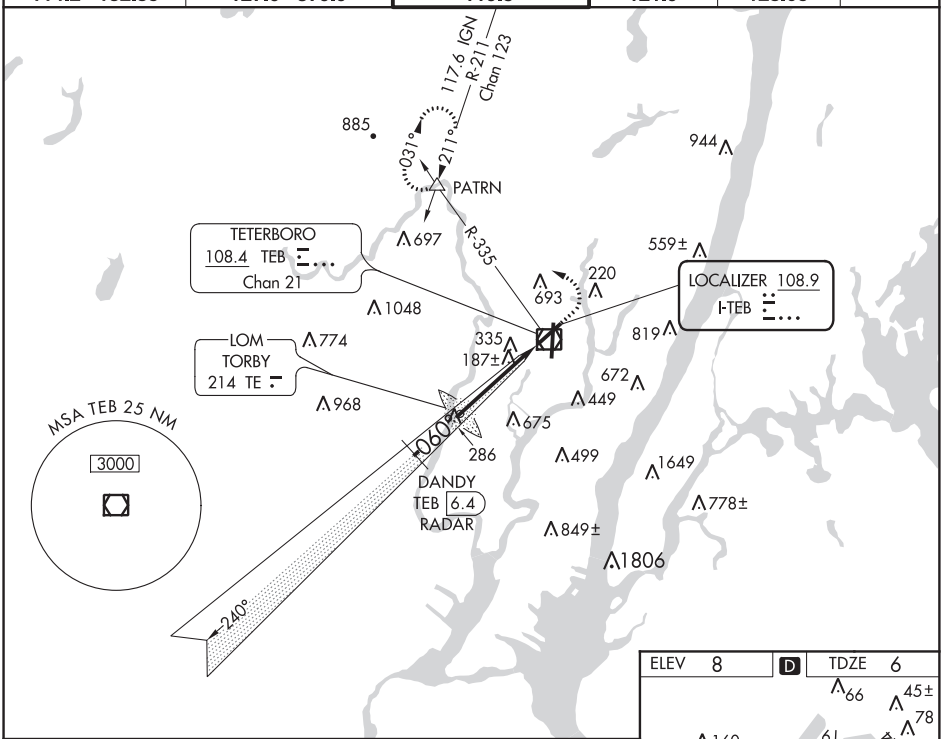
DME or RADAR required. RADAR required for procedure entry.
ADF required for LOC only.

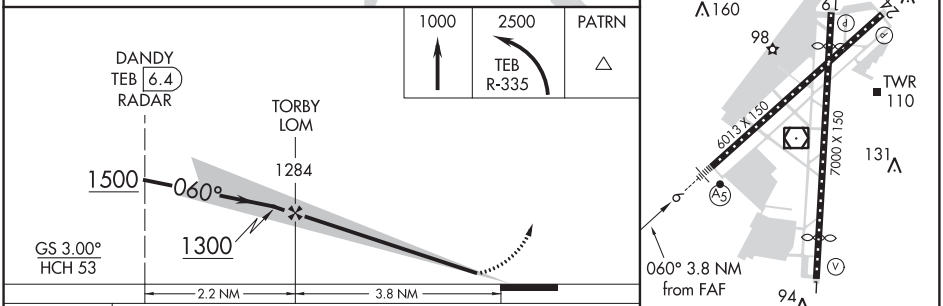
NA DME from TEB VOR/DME. Inop table does not apply to S-LOC 6.

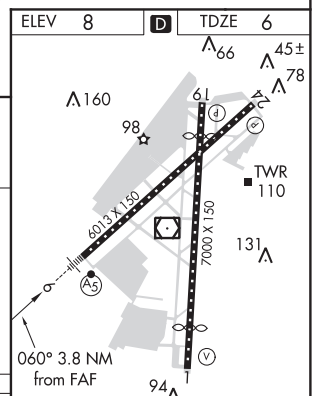
MALSR

MISSED APPROACH: Climb to 1000, then climbing left turn to 2500 on TEB R-335 to PATRN INT and hold.

D-ATIS	NEW YORK APP CON	TETERBORO TOWER	GND CON	CLNC DEL	CPDLC
114.2 132.85	127.6 379.9	119.5	121.9	128.05	







TDZ/CL Rwys 6 and 19
REIL Rwys 1, 6, 19 and 24
HIRL Rwys 1-19 and 6-24

CATEGORY	COPTER
S-ILS 6	206/12 200 (200-¼)
S-LOC 6	500/24 494 (500-½)
CIRCLING	NA

FAF to MAP 3.8 NM					
Knots	45	60	75	90	105
Min:Sec	5:04	3:48	3:02	2:32	2:10

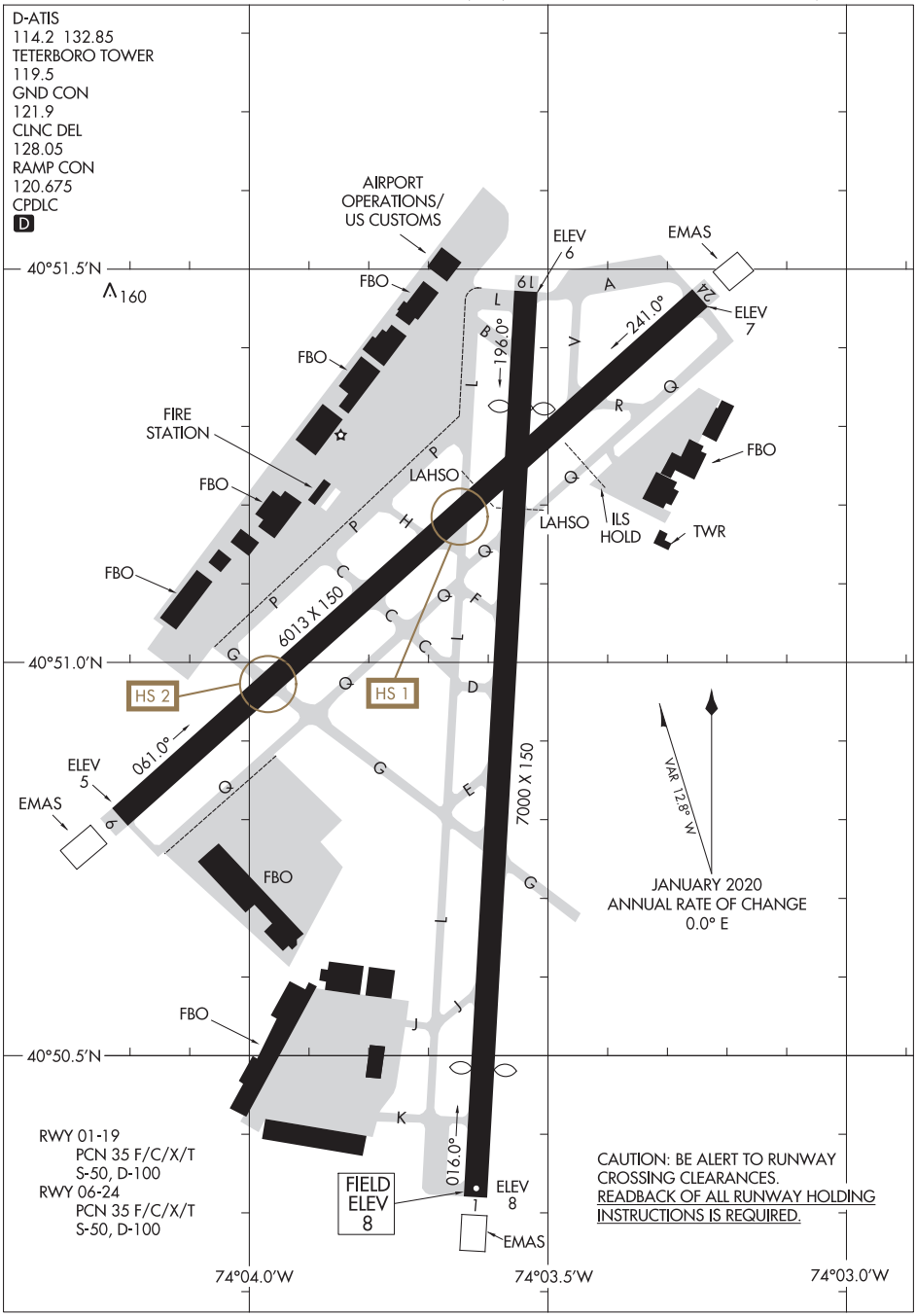
NE-2, 10 SEP 2020 to 05 NOV 2020

20086

AIRPORT DIAGRAM

AL-890 (FAA)

TETERBORO (TEB)
TETERBORO, NEW JERSEY

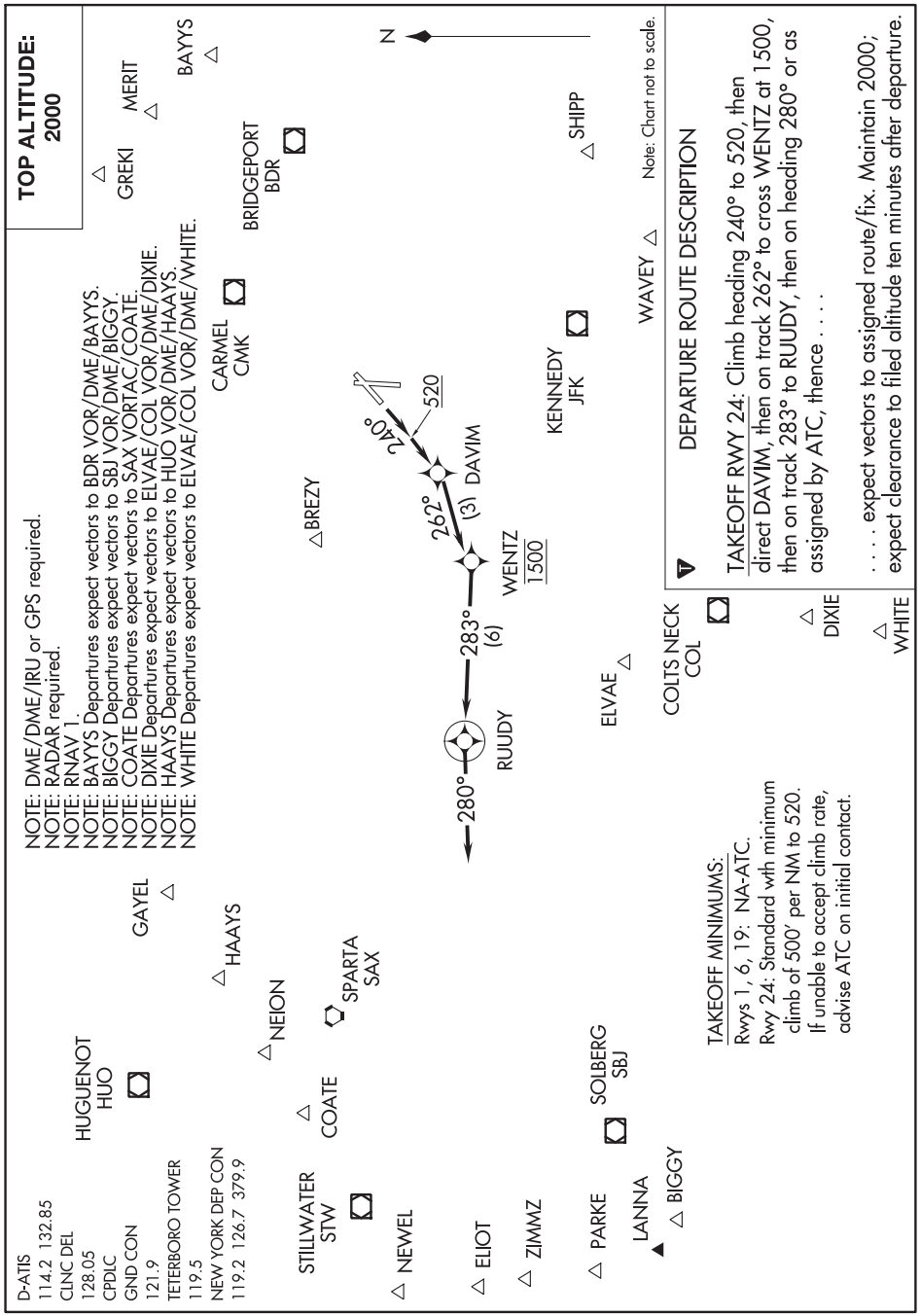


NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

AIRPORT DIAGRAM
20086
TETERBORO, NEW JERSEY
TETERBORO (TEB)

RUUDY SIX DEPARTURE (RNAV)



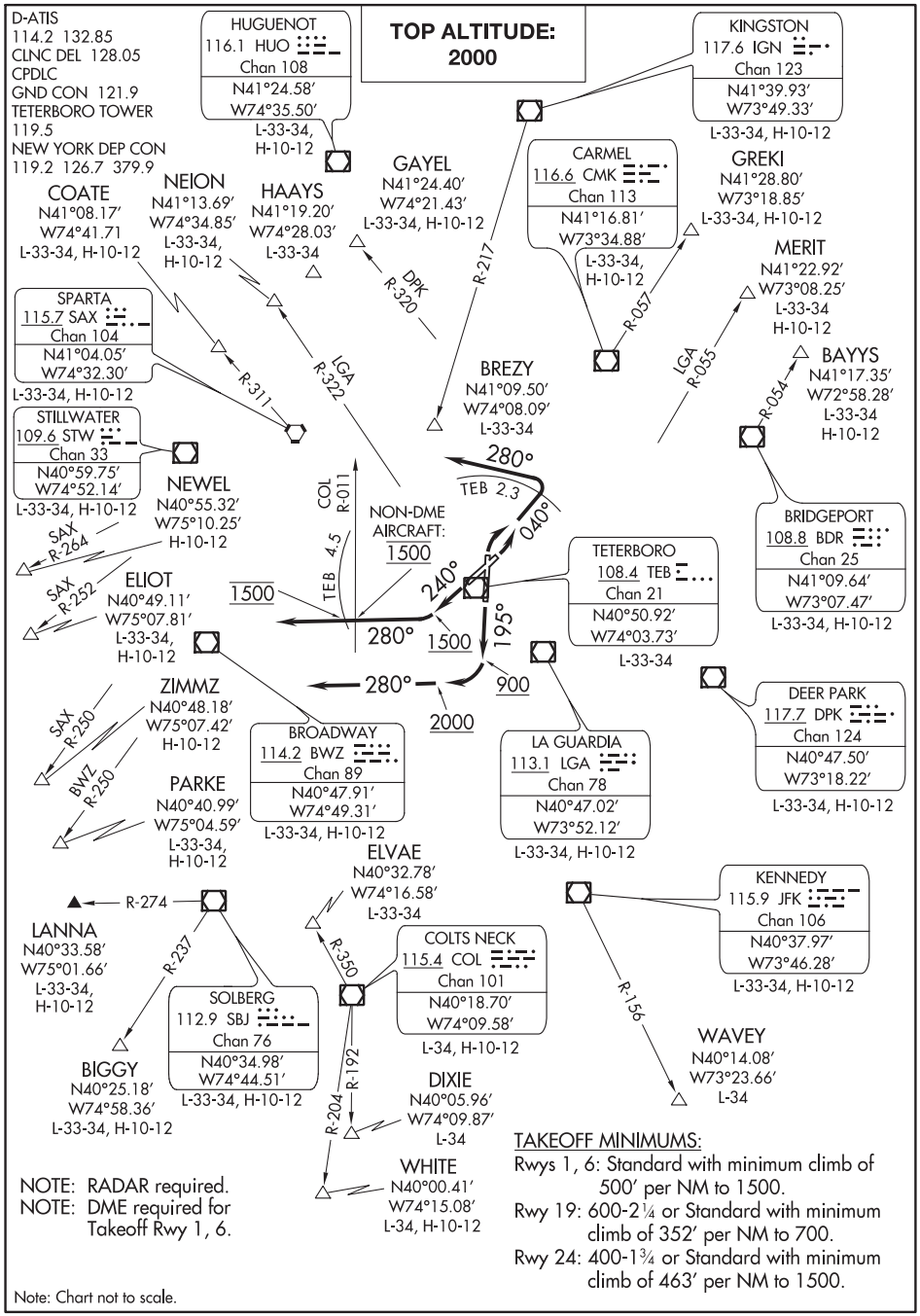
NE-2, 10 SEP 2020 to 05 NOV 2020

RUUDY SIX DEPARTURE (RNAV)
TETERBORO, NEW JERSEY
TETERBORO (TEB)

(TEB2.TEB) 20254

TETERBORO TWO DEPARTURE

TETERBORO (TEB)
TETERBORO, NEW JERSEY



NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

TETERBORO TWO DEPARTURE

(TEB2.TEB) 17AUG17

TETERBORO, NEW JERSEY
TETERBORO (TEB)

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RWY 1: Climbing right turn heading 040° to TEB 2.3 DME, then turn left heading 280°, maintain 2000, thence . . . .
TAKEOFF RWY 6: Climbing left turn heading 040° to TEB 2.3 DME, then turn left heading 280°, maintain 2000, thence . . . .
TAKEOFF RWY 19: Climb heading 195° to 900, then climbing right turn to 2000 heading 280°, maintain 2000 (do not climb above 2000), thence . . . .
TAKEOFF RWY 24: Climb heading 240° to 1500 (do not climb above 1500), then turn right heading 280°, cross TEB 4.5 DME at 1500 (non-DME aircraft cross COL R-011 at 1500), then climb and maintain 2000, thence . . . .

. . . . as per notes or via vector to assigned route/fix. Expect clearance to filed altitude/flight level ten minutes after departure.

PROCEDURAL NOTES:
BAYYS Departures expect vectors to BDR/BDR R-054.
BIGGY Departures expect vectors to SBJ/SBJ R-237.
BREZY Departures expect vectors to IGN R-217 to BREZY.
COATE Departures expect vectors to SAX/SAX R-311.
ELIOT Departures expect vectors to SAX R-252. ELIOT authorized for all aircraft types but restricted to a final altitude of 14000 to 16000.
GAYEL Departures expect vectors to R-320.
GREKI Departures expect vectors to CMK/CMK R-057.
HAAYS Departures expect vectors to HUO.
LANNA Departures expect vectors to SBJ/SBJ R-274.
MERIT Departures expect vectors to LGA R-055.
NEION Departures expect vectors to LGA R-322.
NEWEL Departures expect vectors to SAX R-264. NEWEL authorized only for jet aircraft requesting a final altitude of FL180 and above.
PARKE Departures expect vectors to BWZ R-250.
WAVEY Departures expect vectors to JFK/JFK R-156.
WHITE/DIXIE Departures expect vectors to COL R-350 or ELVAE/COL. Thence WHITE on COL R-204 or DIXIE on COL R-192.
ZIMMZ Departures expect vectors to SAX R-250. ZIMMZ authorized for all aircraft types but restricted to final altitude of FL180 and above.

TICONDEROGA, NEW YORK | AL-9282 (FAA) | 20254

APP CRS	Rwy ldg	4041
013°	TDZE	273
	Apt Elev	273

RNAV (GPS) RWY 2
TICONDEROGA MUNI (4B6)

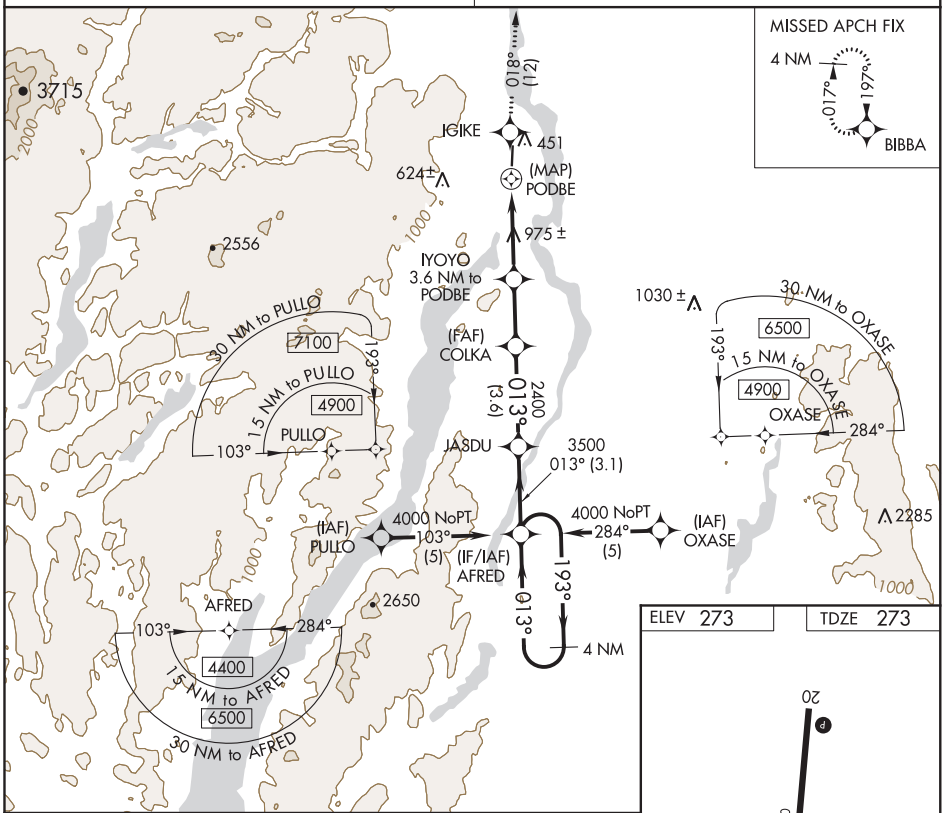
RNP APCH.

NA
-18°C

Use Burlington altimeter setting. Procedure NA at night.
Rwy 2 helicopter visibility reduction below 1 SM NA.

MISSED APPROACH: Climb to 4000 direct IGIKE and on track 018° to BIBBA and hold.

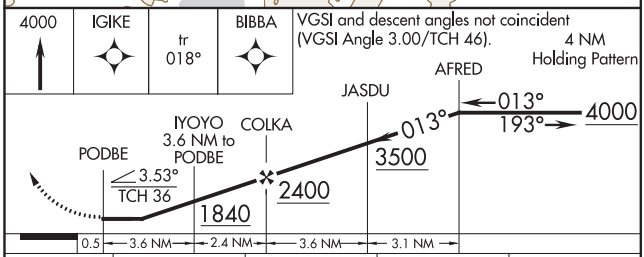
BOSTON CENTER	UNICOM
135.7 282.2	122.8 (CTAF)



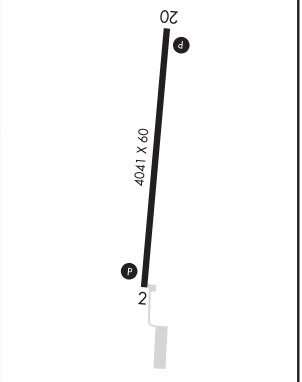
4000	IGIKE	tr 018°	BIBBA

VGSI and descent angles not coincident (VGSI Angle 3.00/TCH 46).

4 NM Holding Pattern



ELEV 273 | TDZE 273



CATEGORY	A	B	C	D
LNAV MDA	1520-1¼ 1247 (1300-1¼)	1520-1½ 1247 (1300-1½)	NA	

MIRL Rwy 2-20
REIL Rwys 2 and 20

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

WAAS CH 53716 W20A	APP CRS 197°	Rwy ldg 4041 TDZE 271 Apt Elev 273

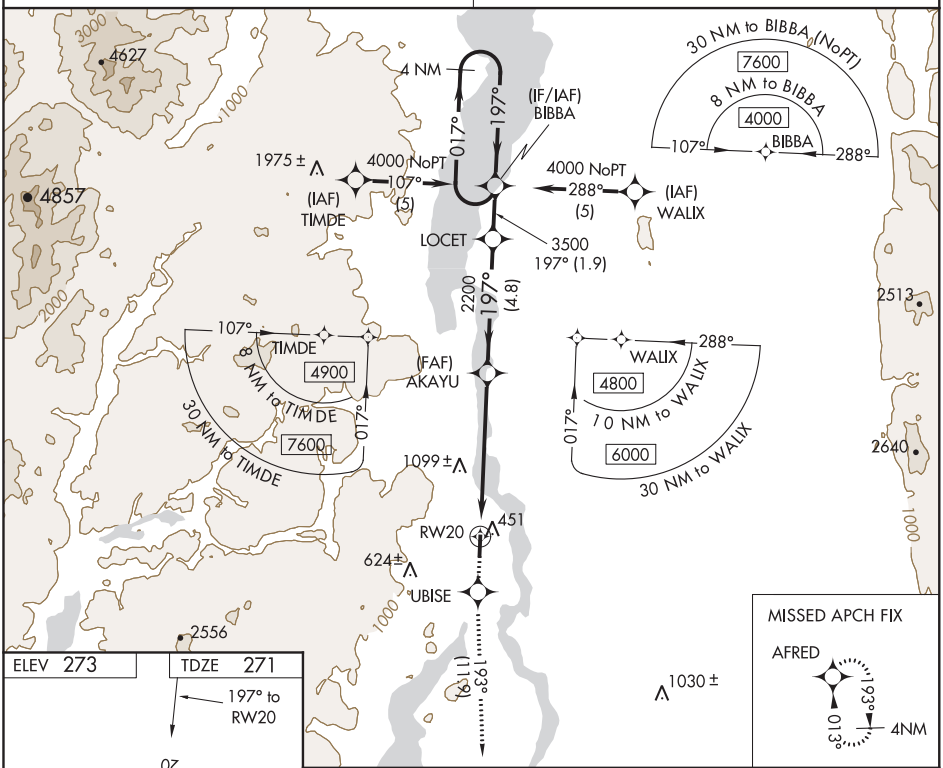
RNAV (GPS) RWY 20
TICONDEROGA MUNI (4B6)

NA
-18°C

DME/DME RNP-0.3 NA. Use Burlington altimeter setting. Helicopter visibility reduction below 1 SM NA. Procedure NA at night.

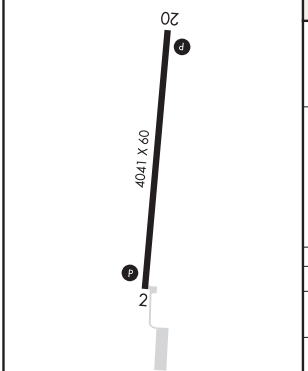
MISSED APPROACH: Climb to 4000 direct UBISE and on track 193° to AFRED and hold, continue climb-in-hold to 4000.

BOSTON CENTER	UNICOM
135.7 282.2	122.8 (CTAF) L

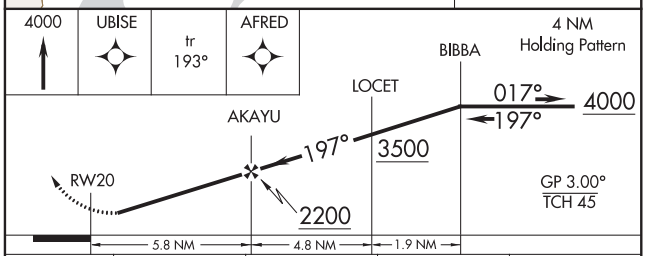


ELEV 273	TDZE 271

197° to RW20



MIRL Rwy 2-20 L
REIL Rwys 2 and 20 L



CATEGORY	A	B	C	D
LPV DA	666-1½ 395 (400-1½)		NA	
LNAV MDA	1420-1¼ 1149 (1200-1¼)	1420-1½ 1149 (1200-1½)	NA	
CIRCLING	1420-1¼ 1147 (1200-1¼)	1420-1½ 1147 (1200-1½)	NA	

NE-2, 10 SEP 2020 to 05 NOV 2020
NE-2, 10 SEP 2020 to 05 NOV 2020

TOMS RIVER, NEW JERSEY — AL-5623 (FAA) — 20086

ILS or LOC RWY 6
OCEAN COUNTY (MJX)

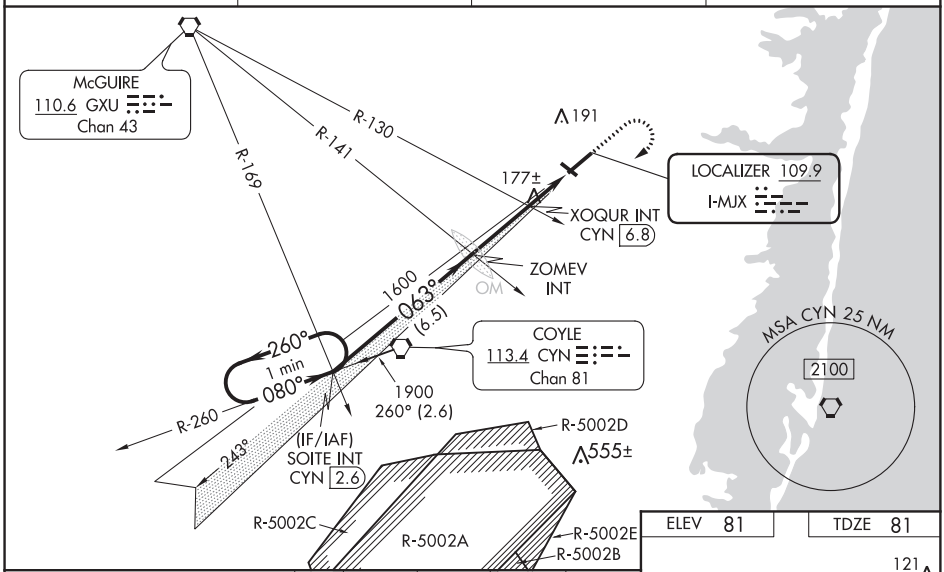
LOC I-MJX	APP CRS	Rwy ldg	5950
109.9	063°	TDZE	81
		Apt Elev	81

T A NA — Circling Rwy 14, 32 NA at night. Inop table does not apply to S-ILS 6. For inop MALSR, increase S-LOC 6 Cats A/B and S-LOC 6 XOQUR Fix minimums Cats A/B visibility to 1. When local altimeter setting not received, use Mc Guire Fld (Joint Base Mc Guire Dix Lakehurst) altimeter setting and increase all DA 41 feet and all MDA 60 feet; increase S-LOC 6 Cats C/D and Circling Cat C visibility ⅛ mile, Cat D ¼ mile; increase XOQUR Fix minimums S-LOC 6 Cat C/D visibility ⅛ mile and Circling Cat D ¼ mile. For inop MALSR when using Mc Guire Fld (Joint Base Mc Guire Dix Lakehurst) altimeter setting, increase S-ILS 6 all Cats visibility to ⅞ and S-LOC 6 Cats A/B and S-LOC 6 XOQUR Fix minimums Cats A/B visibility to 1, Cats C/D visibility to 1⅜. Helicopter visibility reduction below ¾ SM NA.

MALSR A5

MISSED APPROACH: Climb to 600 then climbing right turn to 1900 direct CYN VORTAC then on CYN R-260 to SOITE INT/CYN 2.6 DME and hold.

AWOS-3PT	MC GUIRE APP CON	GCO	UNICOM
119.875	126.475 363.8	121.725	122.7 (CTAF) L

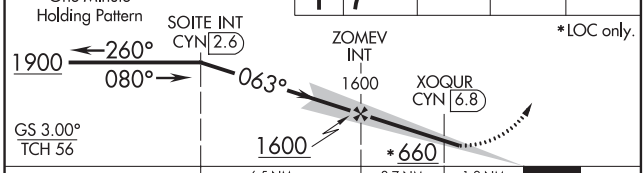


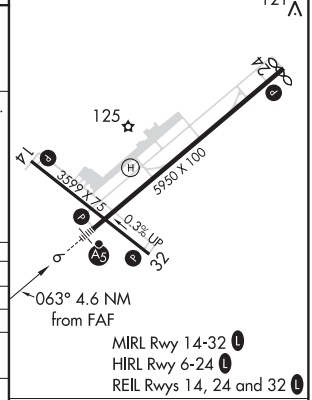
ELEV	TDZE
81	81

*720 when using Joint Base Mc Guire Dix Lakehurst altimeter setting.

600	1900	CYN	CYN R-260	SOITE INT

*LOC only.





MIRL Rwy 14-32 L
HIRL Rwy 6-24 L
REIL Rwys 14, 24 and 32 L

CATEGORY	A	B	C	D
S-ILS 6	331-¾ 250 (300-¾)			
S-LOC 6	660-¾ 579 (600-¾)		660-1¼ 579 (600-1¼)	
C CIRCLING	660-1 579 (600-1)		660-1¾ 579 (600-1¾)	700-2 619 (700-2)
XOQUR FIX MINIMUMS (DUAL VOR RECEIVERS or DME REQUIRED)				
S-LOC 6	520-¾ 439 (500-¾)		520-⅞ 439 (500-⅞)	
C CIRCLING	520-1 439 (500-1)	560-1 479 (500-1)	580-1½ 499 (500-1½)	700-2 619 (700-2)

FAF to MAP 4.6 NM

Knots	60	90	120	150	180
Min:Sec	4:36	3:04	2:18	1:50	1:32

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

WAAS CH **93733** **W06A**	APP CRS **063°**	Rwy ldg **5950** TDZE **81** Apt Elev **81**

RNAV (GPS) RWY 6
OCEAN COUNTY (MJX)

Circling Rwy 14, 32 NA at night. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -15°C (5°F) or above 54°C (130°F). DME/DME RNP -0.3 NA. Inop table does not apply to LPV. For inop MALSR, increase LNAV/VNAV all Cats and LNAV Cats A/B visibility to 1. When local altimeter setting not received, use Mc Guire Fld (Joint Base Mc Guire Dix Lakehurst) altimeter setting and increase all DA 41 feet and all MDA 60 feet; increase LNAV Cats C/D visibility ⅛ mile and Circling Cat D visibility ¼ mile. For inop MALSR when using Mc Guire Fld (Joint Base Mc Guire Dix Lakehurst) altimeter setting, increase LPV all Cats visibility to ⅞, LNAV/VNAV all Cats visibility to 1⅛, LNAV Cats A/B visibility to 1, and LNAV Cats C/D visibility to 1⅜. Helicopter visibility reduction below ¾ SM NA. VDP and Baro-VNAV NA when using Mc Guire Fld (Joint Base Mc Guire Dix Lakehurst) alitmeter setting.

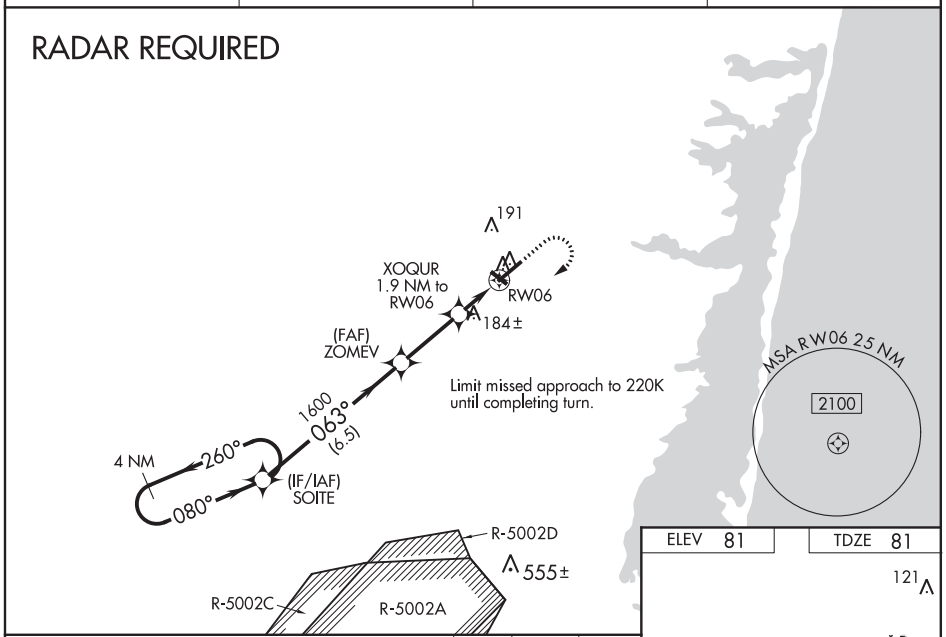
NA

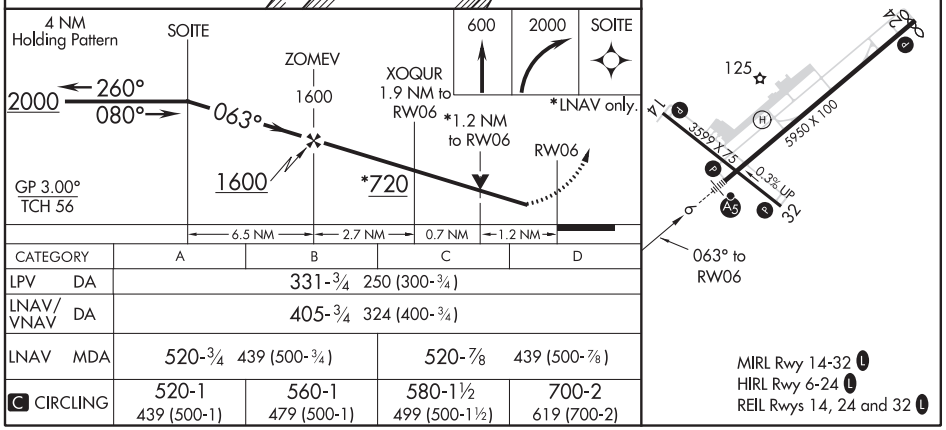
MALSR

MISSED APPROACH: Climb to 600 then climbing right turn to 2000 direct SOITE and hold.

AWOS-3PT	MC GUIRE APP CON	GCO	UNICOM
119.875	126.475 363.8	121.725	122.7 (CTAF) L

RADAR REQUIRED





CATEGORY	A	B	C	D
LPV DA	331-¾ 250 (300-¾)			
LNAV/VNAV DA	405-¾ 324 (400-¾)			
LNAV MDA	520-¾ 439 (500-¾)		520-⅞ 439 (500-⅞)	
C CIRCLING	520-1 439 (500-1)	560-1 479 (500-1)	580-1½ 499 (500-1½)	700-2 619 (700-2)

NE-2, 10 SEP 2020 to 05 NOV 2020

TOMS RIVER, NEW JERSEY

AL-5623 (FAA)

20030

RNAV (GPS) RWY 24

OCEAN COUNTY (MJX)

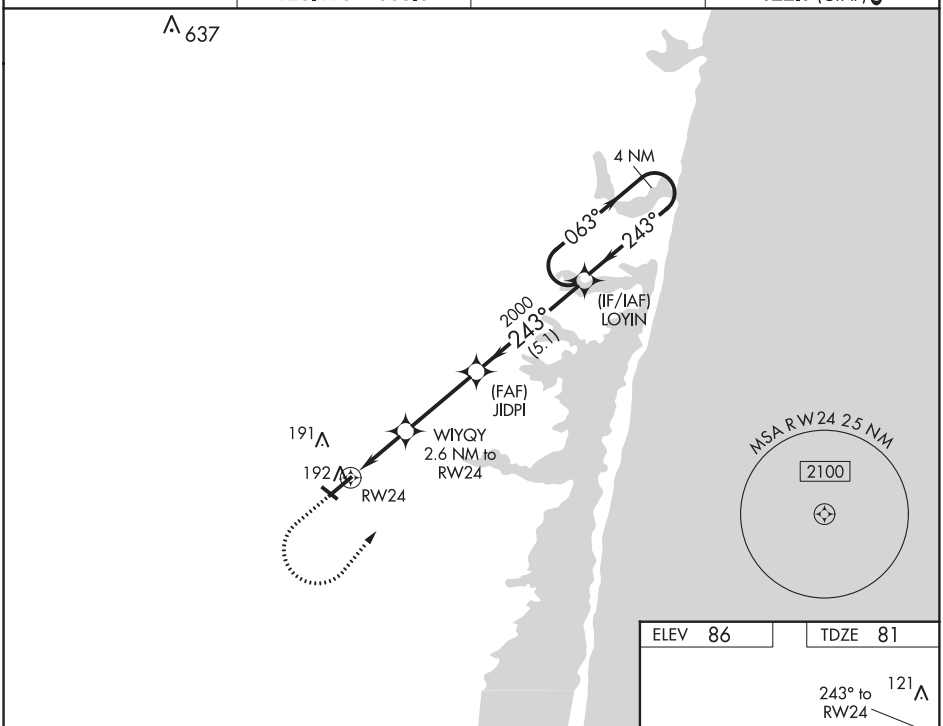
WAAS CH 86433 W24A	APP CRS 243°	Rwy ldg 5834 TDZE 81 Apt Elev 86

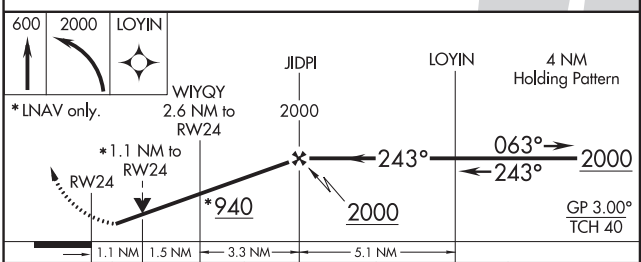
RNP APCH.

For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -15°C (5°F) or above 43°C (110°F). Rwy 24 helicopter visibility reduction below ¾ SM NA. Circling Rwy 13, 32 NA at night.

MISSED APPROACH: Climb to 600 then climbing left turn to 2000 direct to LOYIN and hold.

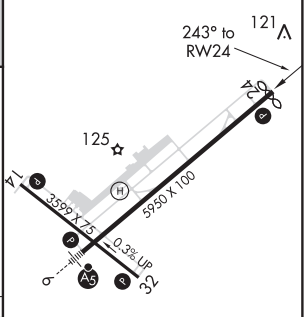
AWOS-3PT	MC GUIRE APP CON	GCO	UNICOM
119.875	126.475 363.8	121.725	122.7 (CTAF) L





CATEGORY	A	B	C	D
LPV DA	331-¾	250 (300-¾)		
LNAV/VNAV DA	358-⅞	277 (300-⅞)		
LNAV MDA	460-1	379 (400-1)		
C CIRCLING	540-1 454 (500-1)	560-1 474 (500-1)	580-1½ 494 (500-1½)	700-2 614 (700-2)

ELEV 86 | TDZE 81



MIRL Rwy 14-32 L
HIRL Rwy 6-24 L
REIL Rwys 14, 24 and 32 L

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

TOMS RIVER, NEW JERSEY

Amdt 1 24MAY18

39°56′N-74°18′W

OCEAN COUNTY (MJX)

RNAV (GPS) RWY 24

VOR RWY 6

OCEAN COUNTY (MJX)

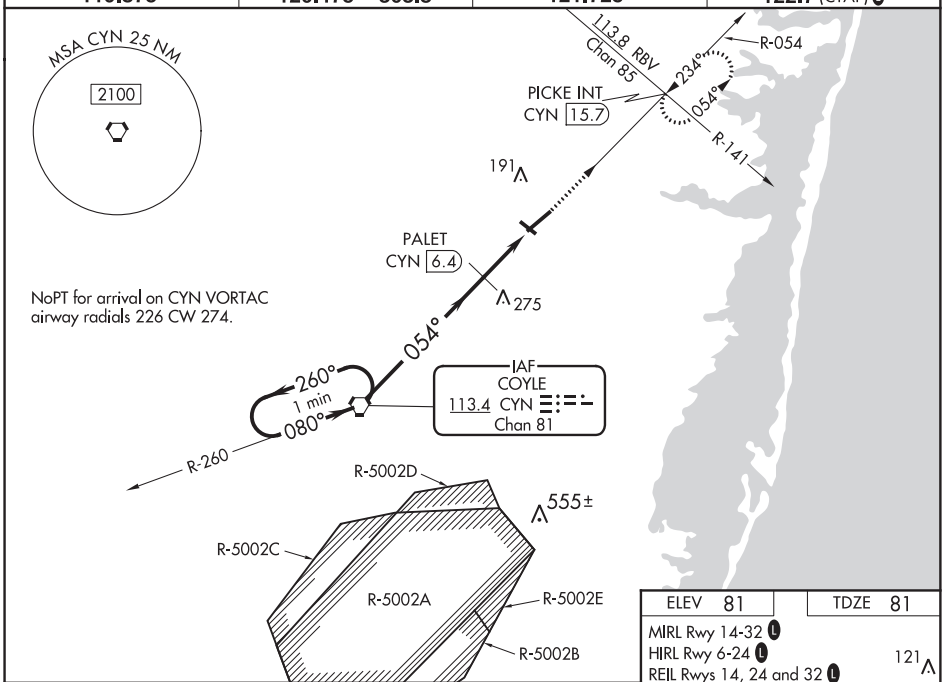
VORTAC CYN	APP CRS	Rwy ldg 5950
113.4	054°	TDZE 81
Chan 81		Apt Elev 81

T A NA Circling Rwy 14, 32 NA at night. For inop MALSR, increase S-6 Cat A visibility to 1, S-6 Cats C/D visibility to 2, and PALET Fix Minimums S-6 Cats A/B visibility to 1. When local altimeter setting not received, use Mc Guire Fld (Joint Base Mc Guire Dix Lakehurst) altimeter setting and increase all MDA 60 feet; increase S-6 Cats C/D visibility ⅛ mile, Circling Cat C visibility ½ mile, and Circling Cat D visibility ¼ mile; increase PALET Fix Minimums Circling Cat D visibility ¼ mile. For inop MALSR when using Mc Guire Fld (Joint Base Mc Guire Dix Lakehurst) altimeter setting, increase S-6 Cat A visibility to 1, Cats C/D visibility to 2½, and PALET Fix Minimums Cats A/B visibility to 1. Helicopter visibility reduction below ¾ SM NA. VDP NA when using Mc Guire Fld (Joint Base Mc Guire Dix Lakehurst) altimeter setting.

MALSR A5

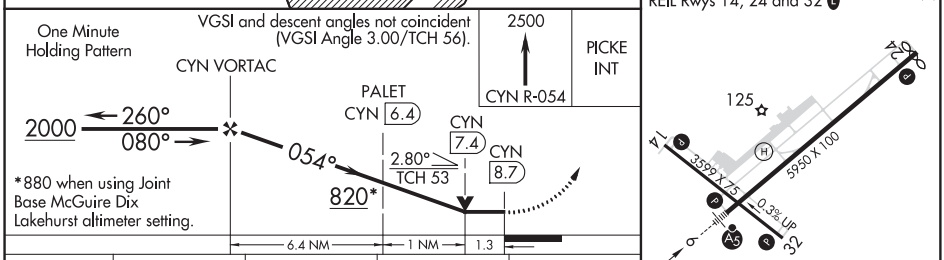
MISSED APPROACH: Climb to 2500 on CYN R-054 to PICKE INT/CYN 15.7 DME and hold.

AWOS-3PT	MC GUIRE APP CON	GCO	UNICOM
119.875	126.475 363.8	121.725	122.7 (CTAF) L



ELEV 81	TDZE 81

MIRL Rwy 14-32 L
HIRL Rwy 6-24 L
REIL Rwys 14, 24 and 32 L



CATEGORY	A	B	C	D
S-6	820-¾	739 (800-¾)	820-1¾	739 (800-1¾)
C CIRCLING	820-1 739 (800-1)	820-1¼ 739 (800-1¼)	820-2 739 (800-2)	820-2¼ 739 (800-2¼)
PALET FIX MINIMUMS				
S-6	540-¾	459 (500-¾)	540-1	459 (500-1)
C CIRCLING	540-1 459 (500-1)	560-1 479 (500-1)	580-1½ 499 (500-1½)	700-2 619 (700-2)

FAF to MAP 8.7 NM					
Knots	60	90	120	150	180
Min:Sec	8:42	5:48	4:21	3:29	2:54

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

TOMS RIVER, NEW JERSEY — AL-5623 (FAA) — 20086

VOR RWY 24
OCEAN COUNTY (MJX)

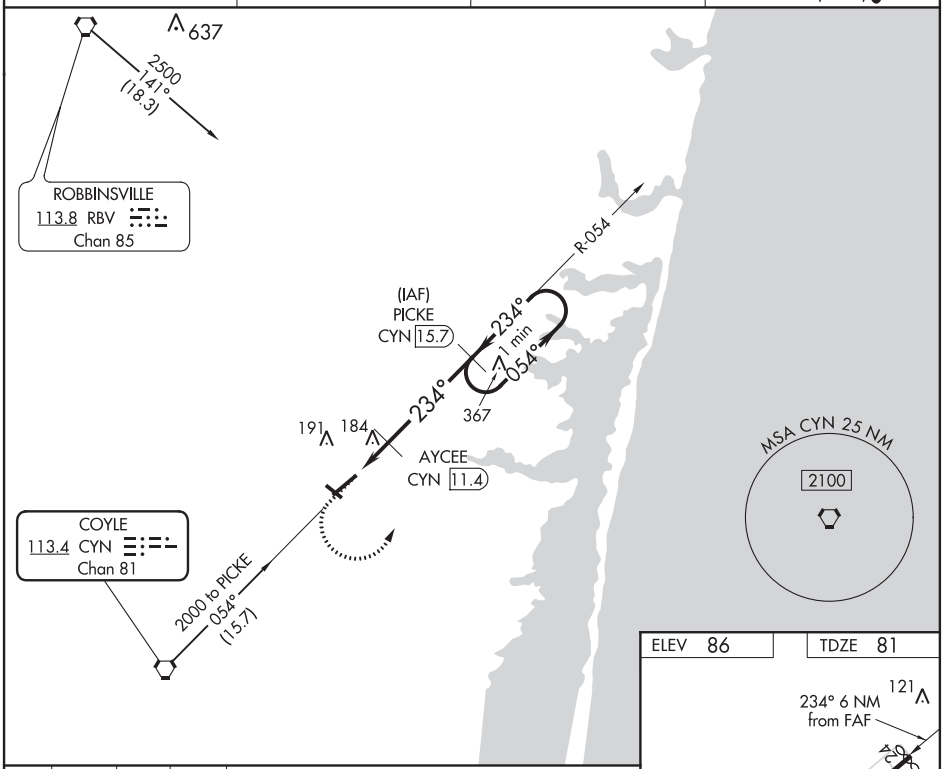
VORTAC CYN	APP CRS	Rwy ldg	5834
113.4	234°	TDZE	81
Chan 81		Apt Elev	86

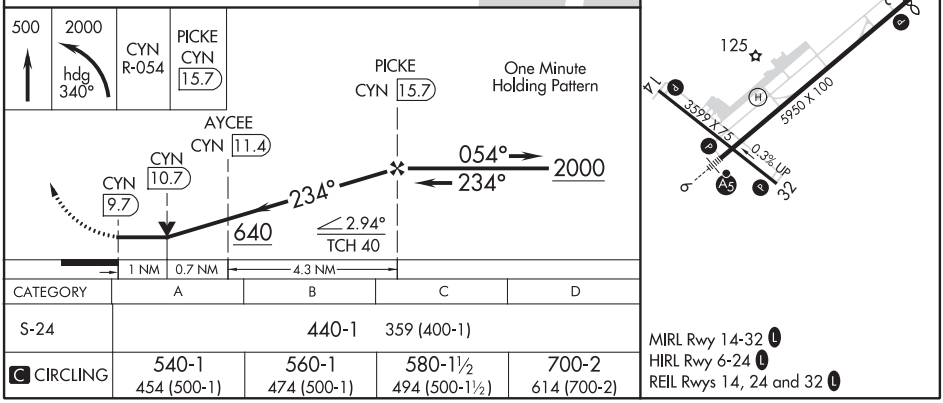
DME required for procedure entry.
DME required.

Rwy 24 helicopter visibility reduction below ¾ SM NA.
Circling Rwy 14, 32 NA at night.

MISSED APPROACH: Climb to 500 then climbing left turn to 2000 on heading 340° and on CYN VORTAC R-054 to PICKE/CYN 15.7 DME and hold.

AWOS-3PT	MC GUIRE APP CON	GCO	UNICOM
119.875	126.475 363.8	121.725	122.7 (CTAF)





CATEGORY	A	B	C	D
S-24	440-1 359 (400-1)			
C CIRCLING	540-1 454 (500-1)	560-1 474 (500-1)	580-1½ 494 (500-1½)	700-2 614 (700-2)

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

ILS or LOC RWY 6
TRENTON MERCER (TTN)

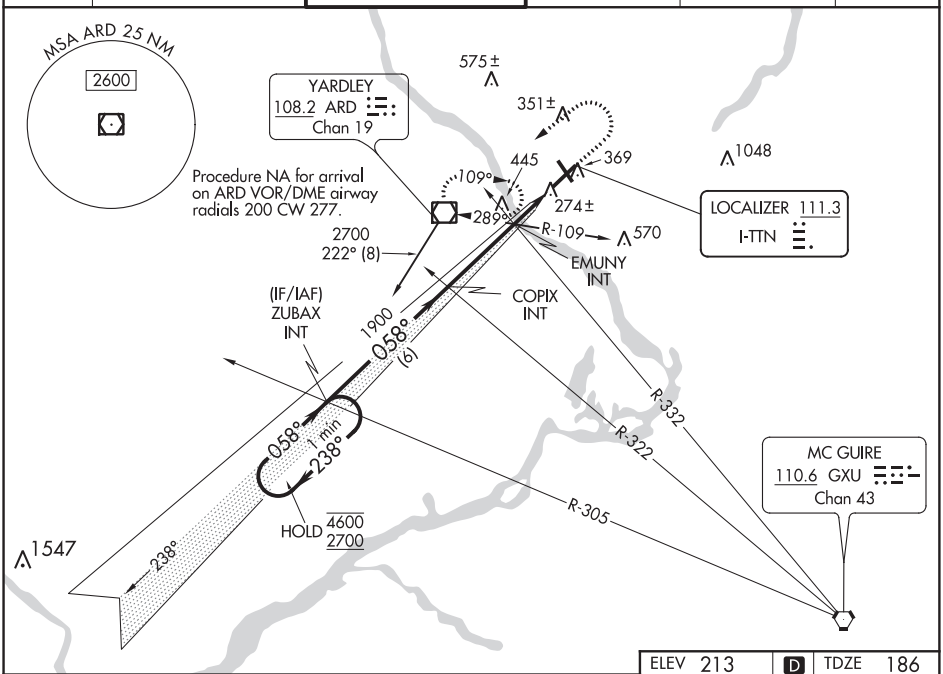
LOC I-TTN	APP CRS	Rwy ldg / TDZE / Apt Elev
111.3	058°	6006 / 186 / 213

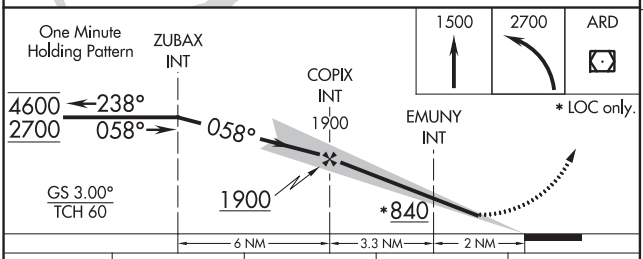
When Circling to Rwy 34 at night, operational VGSI required, remain on or above VGSI glidepath until threshold. For inop ALS, increase EMUNY fix minimums S-LOC 6 Cat C/D visibility to 1 SM.

MALSR

MISSED APPROACH: Climb to 1500 then climbing left turn to 2700 direct ARD VOR/DME and hold.

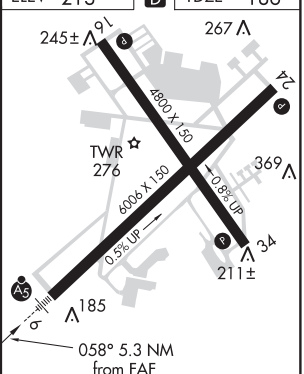
ATIS	PHILADELPHIA APP CON	TRENTON TOWER ★	GND CON	CLNC DEL	UNICOM
126.775	123.8 291.7	120.7 (CTAF) L 257.8	121.9 257.8	121.9 257.8	122.95





CATEGORY	A	B	C	D
S-ILS 6	414-½ 228 (300-½)			
S-LOC 6	840-½ 654 (700-½)		840-1⅜ 654 (700-1⅜)	
C CIRCLING	840-1 627 (700-1)		760-1⅞ 547 (600-1⅞)	960-2½ 747 (800-2½)
EMUNY FIX MINIMUMS (DUAL VOR RECEIVERS REQUIRED)				
S-LOC 6	540-½ 354 (400-½)		540-⅝ 354 (400-⅝)	
C CIRCLING	680-1 467 (500-1)		680-1½ 467 (500-1½)	780-2 567 (600-2)

ELEV 213 D TDZE 186



FAF to MAP 5.3 NM					
Knots	60	90	120	150	180
Min:Sec	5:18	3:32	2:39	2:07	1:46

NE-2, 10 SEP 2020 to 05 NOV 2020
NE-2, 10 SEP 2020 to 05 NOV 2020

TRENTON, NEW JERSEY AL-982 (FAA) 20254

APP CRS	Rwy ldg	6006
058°	TDZE	186
	Apt Elev	212

RNAV (RNP) Y RWY 6
TRENTON MERCER (TTN)

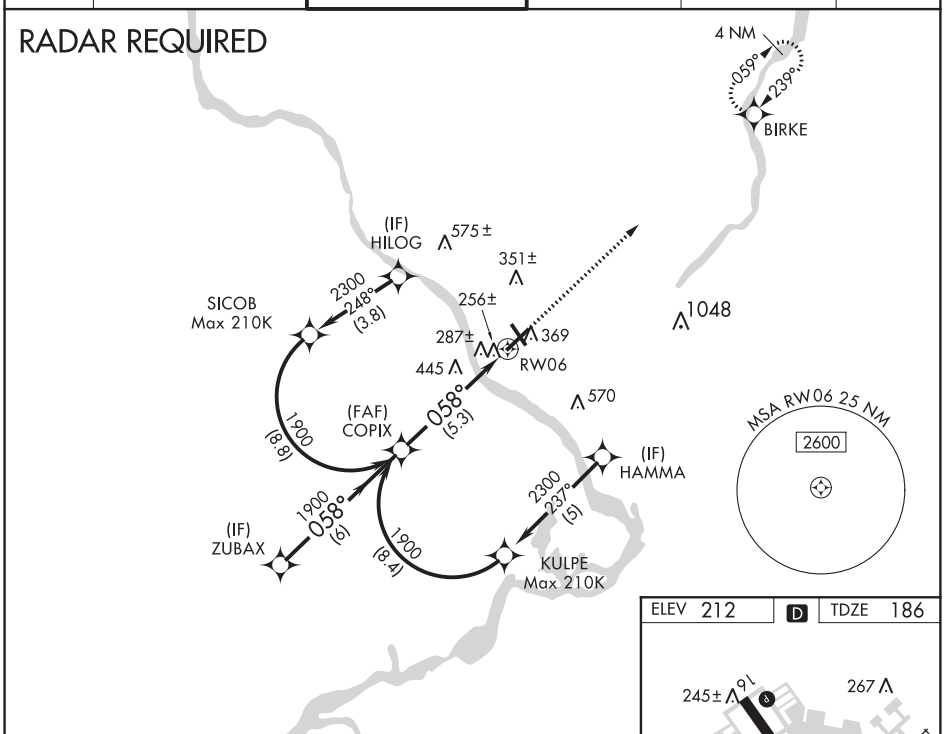
For uncompensated Baro-VNAV systems, procedure NA below -13°C (8°F) or above 54°C (130°F).
GPS required.
For inoperative MALSR, increase RNP 0.10 DA all Cats visibility to 1 mile, increase RNP 0.30 DA all Cats visibility to 1⅜ mile.

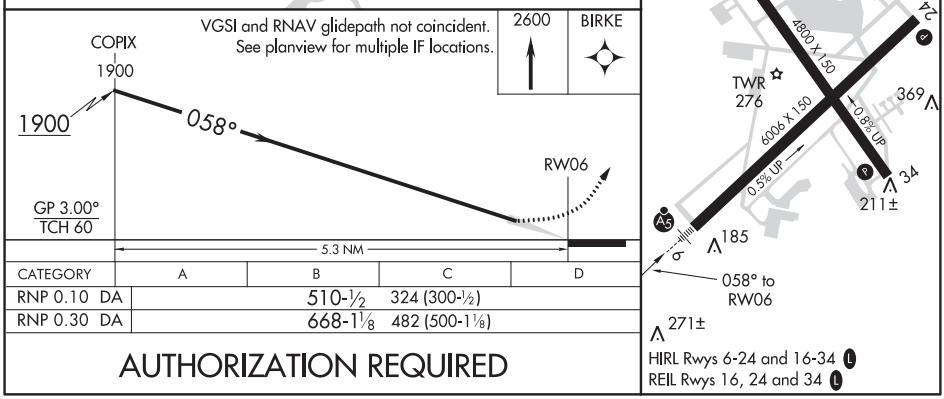
MALSR

MISSED APPROACH: Climb to 2600 direct BIRKE and hold.

ATIS	PHILADELPHIA APP CON	TRENTON TOWER★	GND CON	CLNC DEL	UNICOM
126.775	123.8 291.7	120.7 (CTAF) L 257.8	121.9 257.8	121.9 257.8	122.95

RADAR REQUIRED





CATEGORY	A	B	C	D
RNP 0.10 DA	510-½	324 (300-½)		
RNP 0.30 DA	668-1⅛	482 (500-1⅛)		

AUTHORIZATION REQUIRED

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

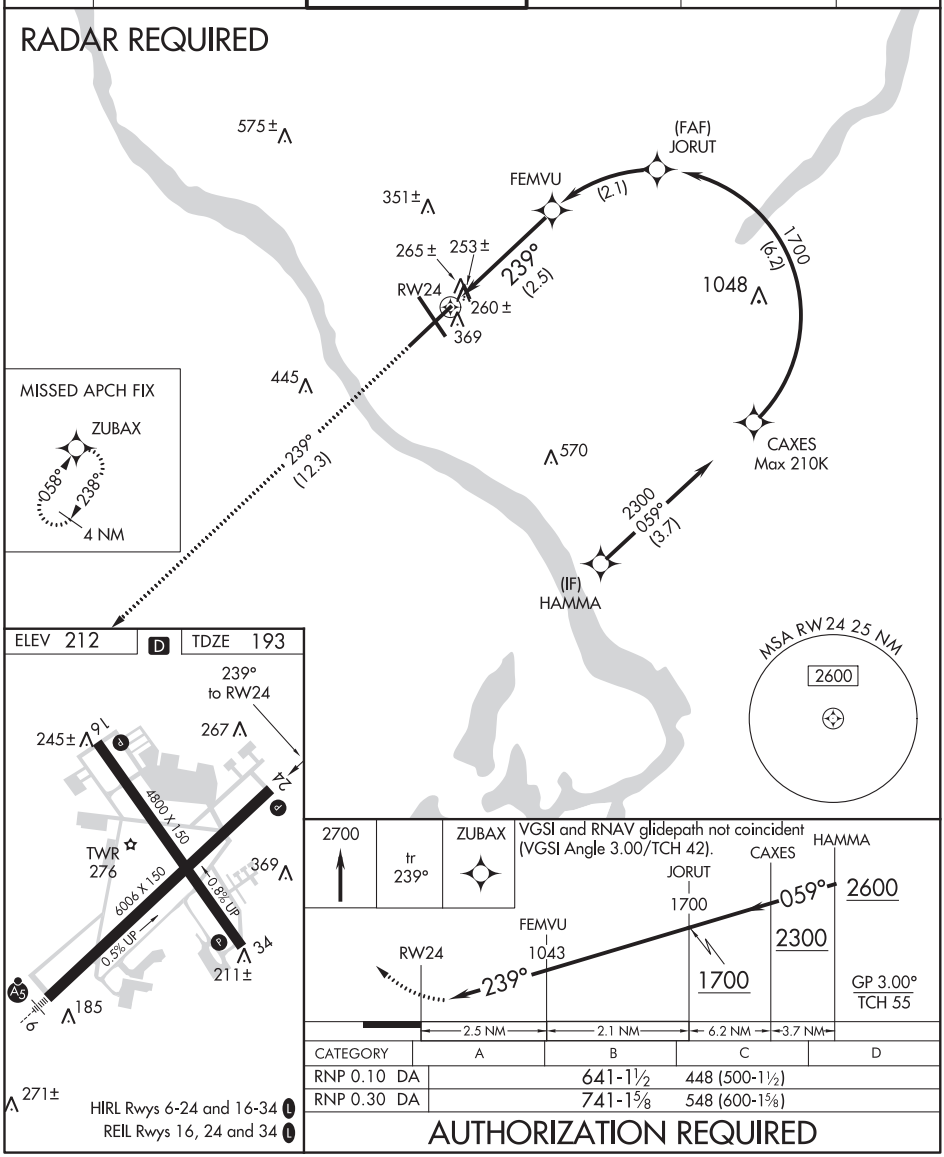
APP CRS	Rwy ldg	6006
239°	TDZE	193
	Apt Elev	212

RNAV (RNP) Y RWY 24
TRENTON MERCER (TTN)

For uncompensated Baro-VNAV systems, procedure NA below -13°C (8°F) or above 54°C (130°F).
When VGSI inop, procedure NA at night.
RF required.
GPS required.

MISSED APPROACH: Climb to 2700 on track 239° to ZUBAX and hold.

ATIS	PHILADELPHIA APP CON	TRENTON TOWER ★	GND CON	CLNC DEL	UNICOM
126.775	123.8 291.7	120.7 (CTAF) L 257.8	121.9 257.8	121.9 257.8	122.95



CATEGORY	A	B	C	D
RNP 0.10 DA		641-1½	448 (500-1½)	
RNP 0.30 DA		741-1⅝	548 (600-1⅝)	

AUTHORIZATION REQUIRED

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

TRENTON, NEW JERSEY AL-982 (FAA) 20254

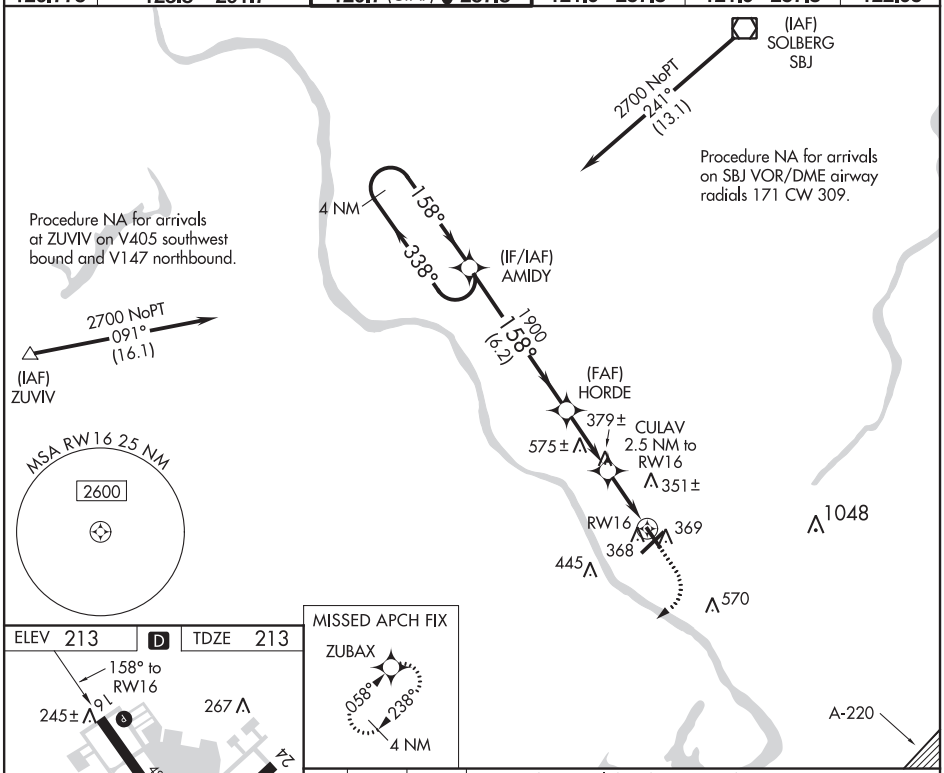
WAAS CH 99330 W16A	APP CRS 158°	Rwy ldg 4800 TDZE 213 Apt Elev 213

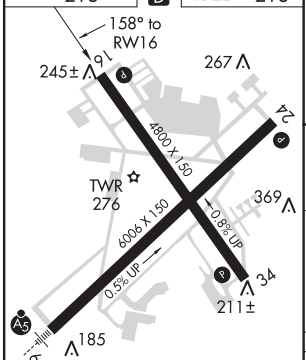
RNAV (GPS) RWY 16
TRENTON MERCER (TTN)

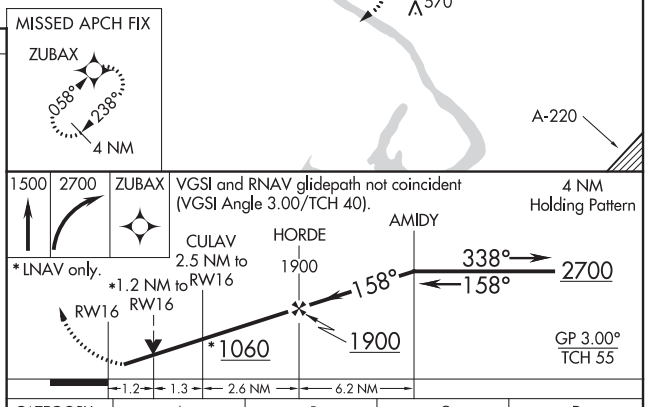
Night Landing: Rwy 34 operational VGSI required, remain on or above VGSI glidepath until threshold. Baro-VNAV NA when using Northeast Philadelphia altimeter setting. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -15°C (5°F) or above 54°C (130°F). DME/DME RNP-0.3 NA. Helicopter visibility reduction below ¾ SM NA. When local altimeter setting not received use Northeast Philadelphia altimeter setting; increase LPV DA to 510 feet and all Cats visibility ⅛ SM, LNAV/VNAV DA to 576 feet; increase all MDA 60 feet and LNAV Cat C/D visibility ⅛ SM and Circling Cat C visibility ¼ SM.

MISSED APPROACH: Climb to 1500 then climbing right turn to 2700 direct ZUBAX and hold.

ATIS	PHILADELPHIA APP CON	TRENTON TOWER ★	GND CON	CLNC DEL	UNICOM
126.775	123.8 291.7	120.7 (CTAF) L 257.8	121.9 257.8	121.9 257.8	122.95







CATEGORY	A	B	C	D
LPV DA	463-¾ 250 (300-¾)			
LNAV/VNAV DA	529-1 316 (400-1)			
LNAV MDA	640-1 427 (500-1)		640-1¼ 427 (500-1¼)	
C CIRCLING	680-1 467 (500-1)		760-1½ 547 (600-1½)	960-2½ 747 (800-2½)

HIRL Rwys 6-24 and 16-34 L
REIL Rwys 16, 24 and 34 L

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

WAAS CH 40230 W34A	APP CRS 338°	Rwy ldg 4800 TDZE 202 Apt Elev 213

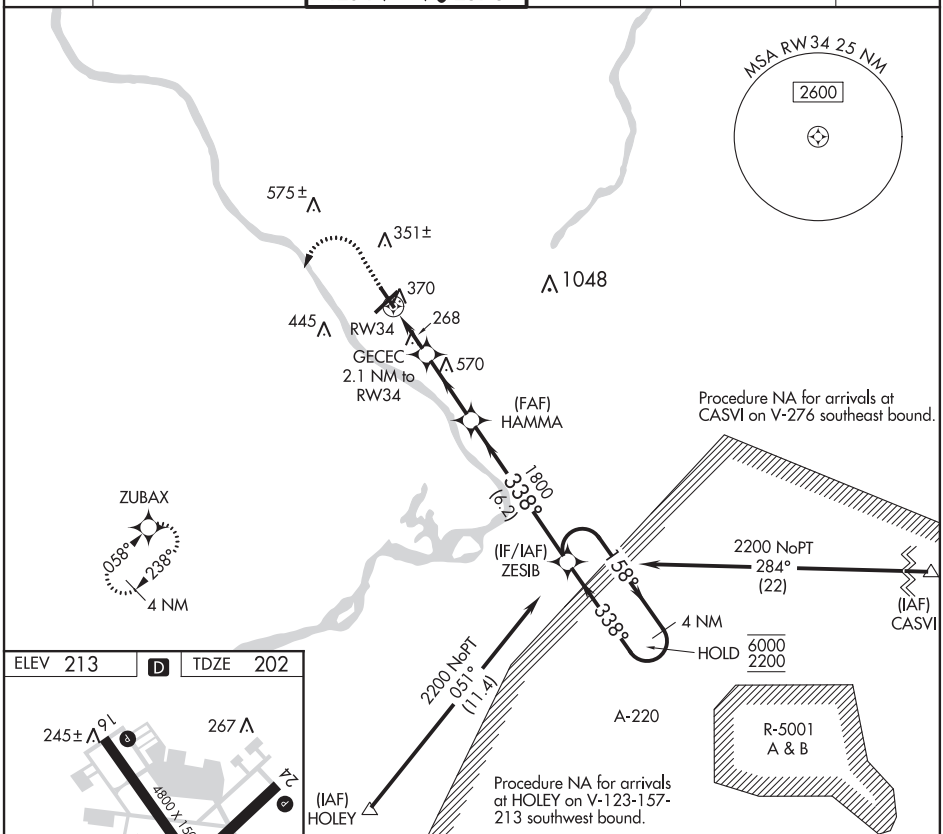
RNAV (GPS) RWY 34
TRENTON MERCER (TTN)

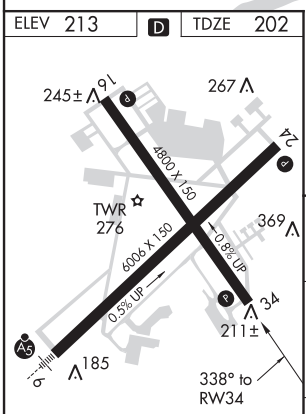
RNP APCH.

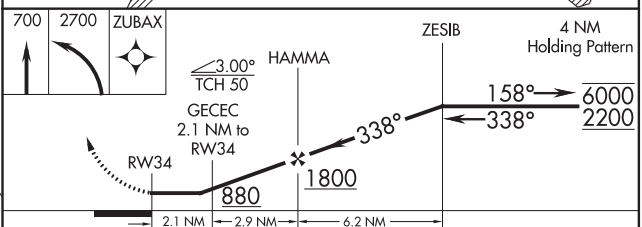
Rwy 34 helicopter visibility reduction below 1 SM NA. Straight-in Rwy 34 at night, operational VGSI required, remain on or above VGSI glidepath until threshold. When Circling to Rwy 34 at night, operational VGSI required, remain on or above VGSI glidepath until threshold.

MISSED APPROACH: (Do not exceed 250K until ZUBAX) Climb to 700 then climbing left turn to 2700 direct ZUBAX and hold.

ATIS	PHILADELPHIA APP CON	TRENTON TOWER ★	GND CON	CLNC DEL	UNICOM
126.775	123.8 291.7	120.7 (CTAF) L 257.8	121.9 257.8	121.9 257.8	122.95







HIRL Rwys 6-24 and 16-34 L
REIL Rwys 16, 24 and 34 L

CATEGORY	A	B	C	D
LP MDA	520-1 318 (400-1)			
LNAV MDA	620-1 418 (500-1)		620-1⅜ 418 (500-1⅜)	
C CIRCLING	680-1 467 (500-1)		760-1½ 547 (600-1½)	960-2½ 747 (800-2½)

NE-2, 10 SEP 2020 to 05 NOV 2020
NE-2, 10 SEP 2020 to 05 NOV 2020

WAAS CH 56430 W06A	APP CRS 058°	Rwy ldg 6006 TDZE 186 Apt Elev 213

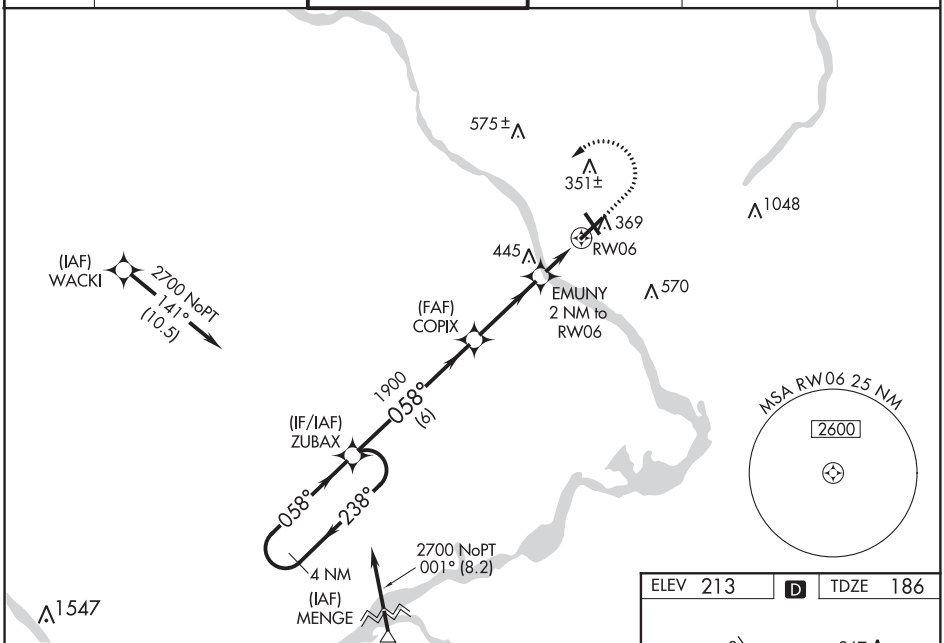
RNAV (GPS) Z RWY 6
TRENTON MERCER (TTN)

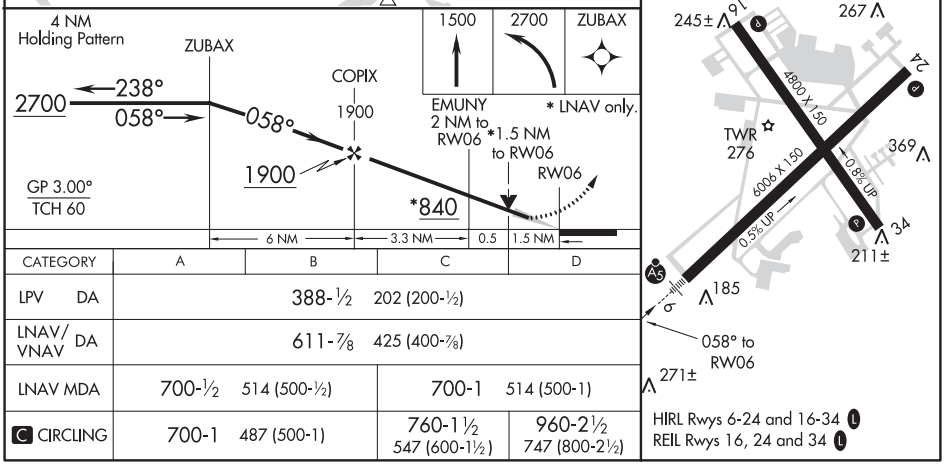
Baro-VNAV NA when using Northeast Philadelphia altimeter setting. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -13°C (8°F) or above 54°C (130°F). DME/DME RNP-0.3 NA. When local altimeter setting not received use Northeast Philadelphia altimeter setting: increase LPV DA to 435 feet; increase LNAV/VNAV DA to 658 feet, and all Cats visibility ⅛ SM; increase all MDA 60 feet and LNAV Cat C/D visibility ¼ SM and Circling Cat C visibility ¼ SM. Night Landing: Rwy 34 operational VGSI required, remain on or above VGSI glidepath until threshold.

MALSR

MISSED APPROACH: Climb to 1500 then climbing left turn to 2700 direct ZUBAX and hold.

ATIS	PHILADELPHIA APP CON	TRENTON TOWER ★	GND CON	CLNC DEL	UNICOM
126.775	123.8 291.7	120.7 (CTAF) L 257.8	121.9 257.8	121.9 257.8	122.95





CATEGORY	A	B	C	D
LPV DA	388-½ 202 (200-½)			
LNAV/VNAV DA	611-⅞ 425 (400-⅞)			
LNAV MDA	700-½ 514 (500-½)		700-1 514 (500-1)	
C CIRCLING	700-1 487 (500-1)		760-1½ 547 (600-1½)	960-2½ 747 (800-2½)

NE-2, 10 SEP 2020 to 05 NOV 2020

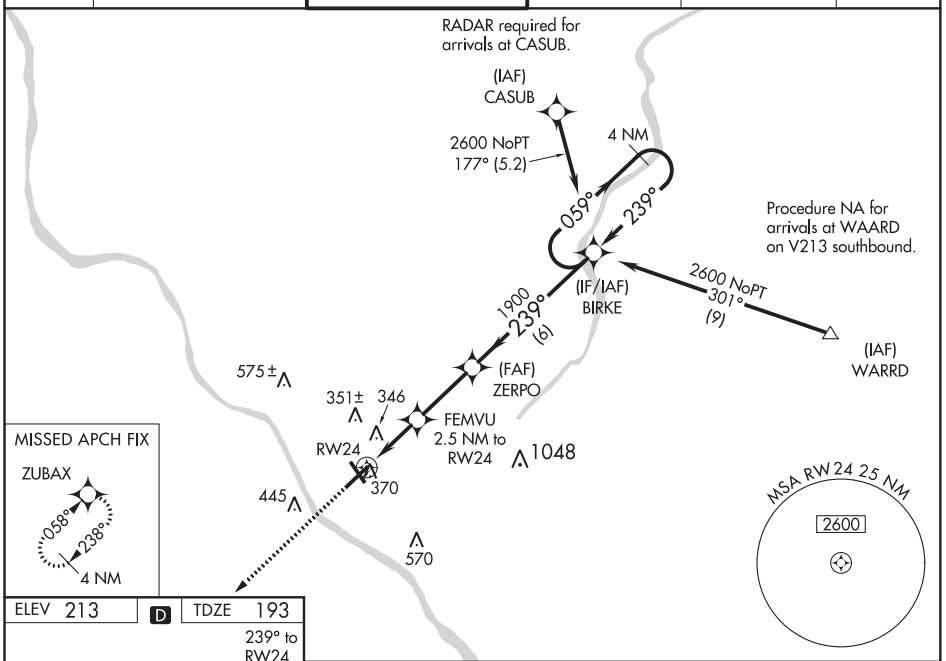
WAAS CH 97530 W24A	APP CRS 239°	Rwy ldg 6006 TDZE 193 Apt Elev 213

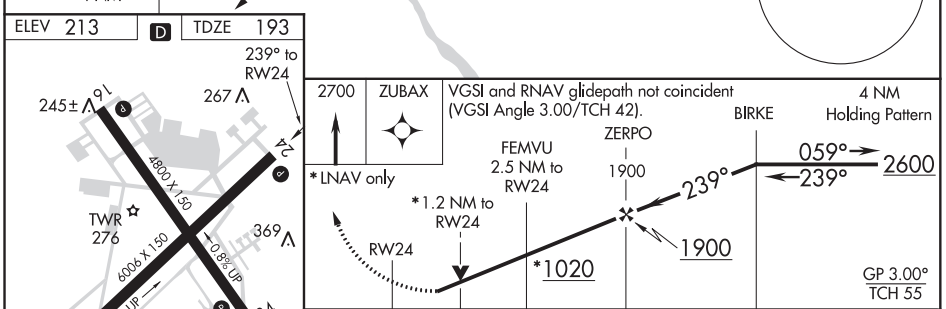
RNAV (GPS) Z RWY 24
TRENTON MERCER (TTN)

Baro-VNAV NA when using Northeast Philadelphia altimeter setting. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -13°C (8°F) or above 54°C (130°F). DME/DME RNP-0.3 NA. When local altimeter setting not received, use Northeast Philadelphia altimeter setting: increase LPV DA to 626 feet and LNAV/VNAV DA to 677 feet and all visibilities ⅛ mile; increase all MDA 60 feet and LNAV Cats C and D visibilities ⅛ mile and Circling visibility Cat C ¼ mile. VDP NA with Northeast Philadelphia altimeter setting. Helicopter visibility reduction below ¾ SM NA. Night Landing: Rwy 34 operational VGSI required, remain on or above VGSI glidepath until threshold.

MISSED APPROACH: Climb to 2700 direct ZUBAX and hold.

ATIS	PHILADELPHIA APP CON	TRENTON TOWER ★	GND CON	CLNC DEL	UNICOM
126.775	123.8 291.7	120.7 (CTAF) L 257.8	121.9 257.8	121.9 257.8	122.95





CATEGORY	A	B	C	D
LPV DA	580-1¼ 387 (400-1¼)			
LNAV/VNAV DA	631-1½ 438 (500-1½)			
LNAV MDA	620-1 428 (500-1)		620-1¼ 428 (500-1¼)	
C CIRCLING	680-1 467 (500-1)		760-1½ 547 (600-1½)	960-2½ 747 (800-2½)

HIRL Rwys 6-24 and 16-34 L
REIL Rwys 16, 24 and 34 L

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

TRENTON, NEW JERSEY

AL-982 (FAA)

20254

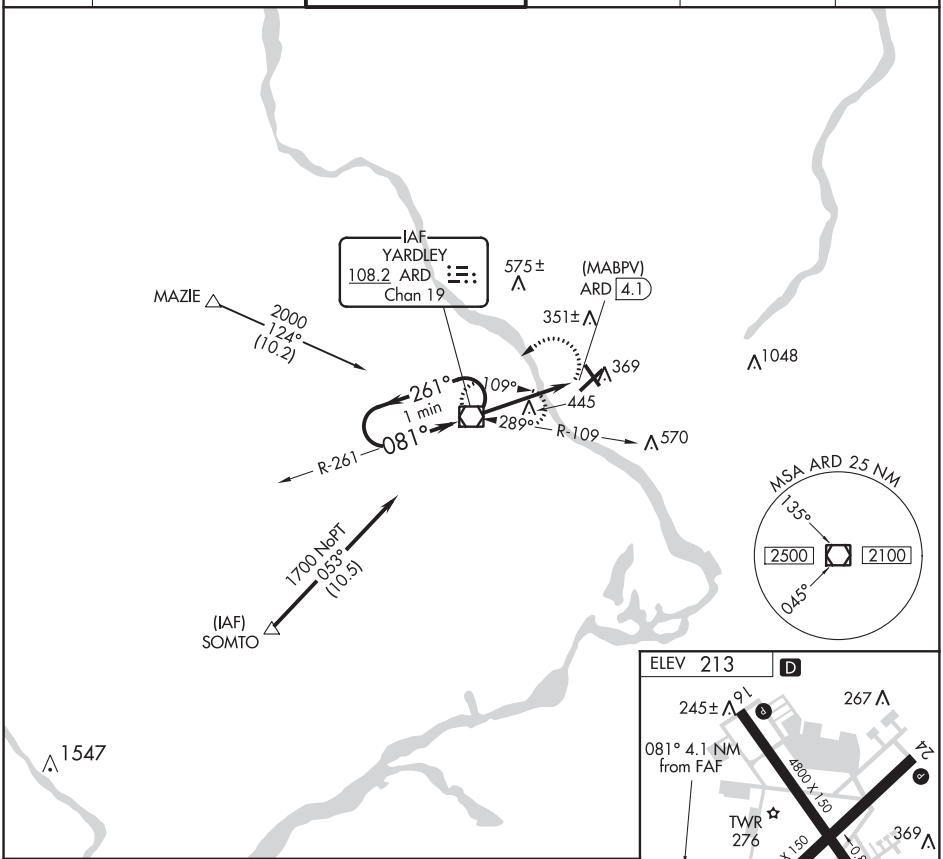
VOR or GPS-A
TRENTON MERCER (TTN)

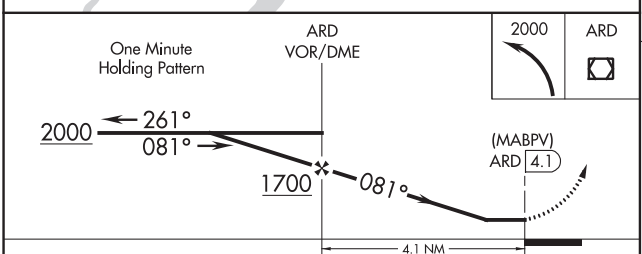
VOR/DME ARD	APP CRS	Rwy ldg	N/A
108.2	081°	TDZE	N/A
Chan 19		Apt Elev	213

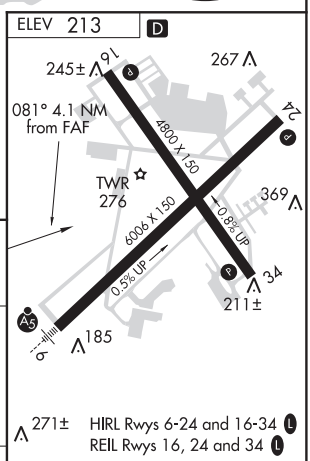
Night Landing: Rwy 34 operational VGSI required, remain on or above VGSI glidepath until threshold.

MISSED APPROACH: Climbing left turn to 2000 direct ARD VOR/DME and hold.

ATIS	PHILADELPHIA APP CON	TRENTON TOWER ★	GND CON	CLNC DEL	UNICOM
126.775	123.8 291.7	120.7 (CTAF) L 257.8	121.9 257.8	121.9 257.8	122.95





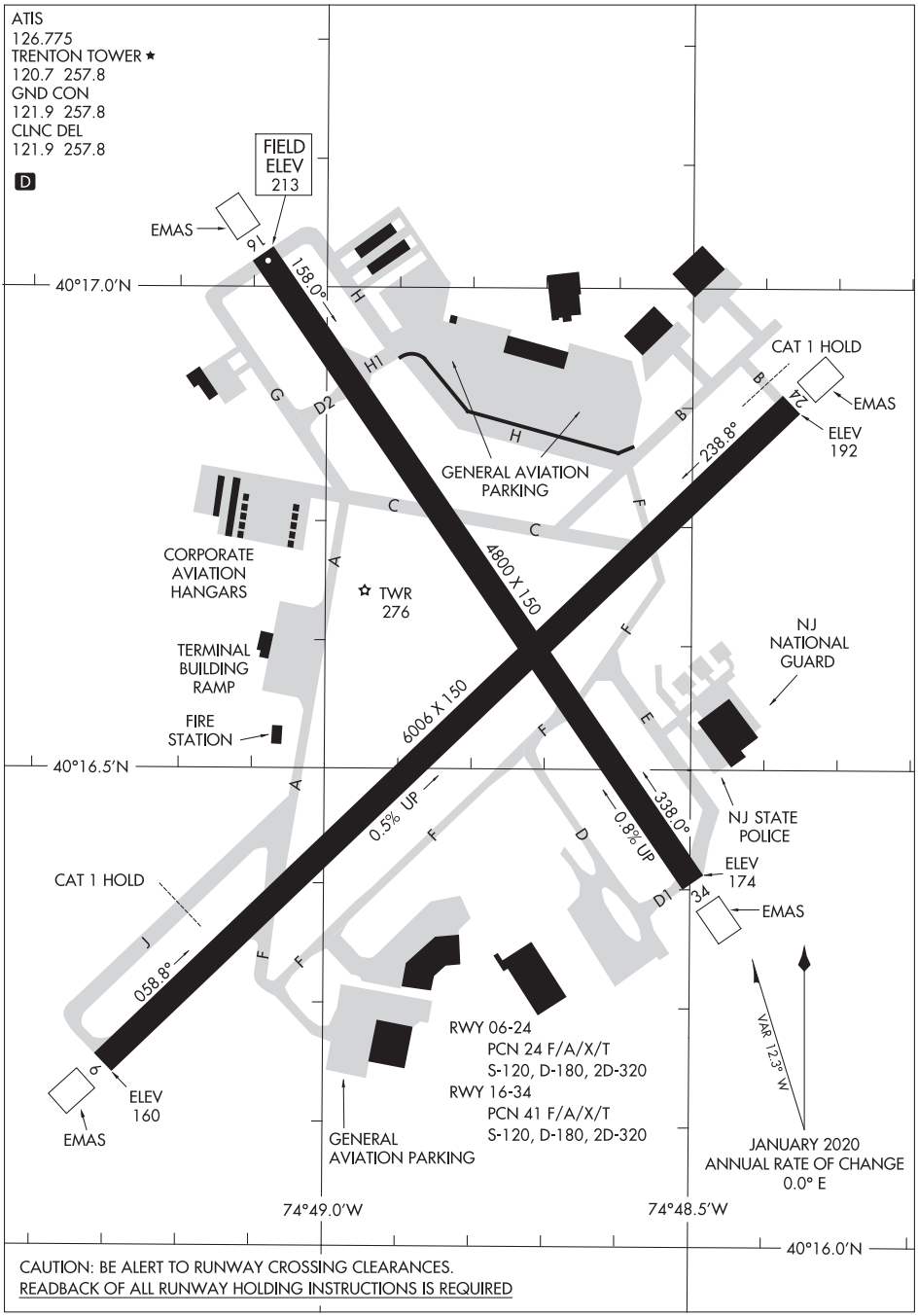


CATEGORY	A	B	C	D
C CIRCLING	700-1 487 (500-1)		760-1½ 547 (600-1½)	960-2½ 747 (800-2½)

FAF to MAP 4.1 NM					
Knots	60	90	120	150	180
Min:Sec	4:06	2:44	2:03	1:38	1:22

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020



NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

VINELAND, NEW JERSEY | AL-5357 (FAA) | 20254

VOR or GPS-B
KROELINGER (29N)

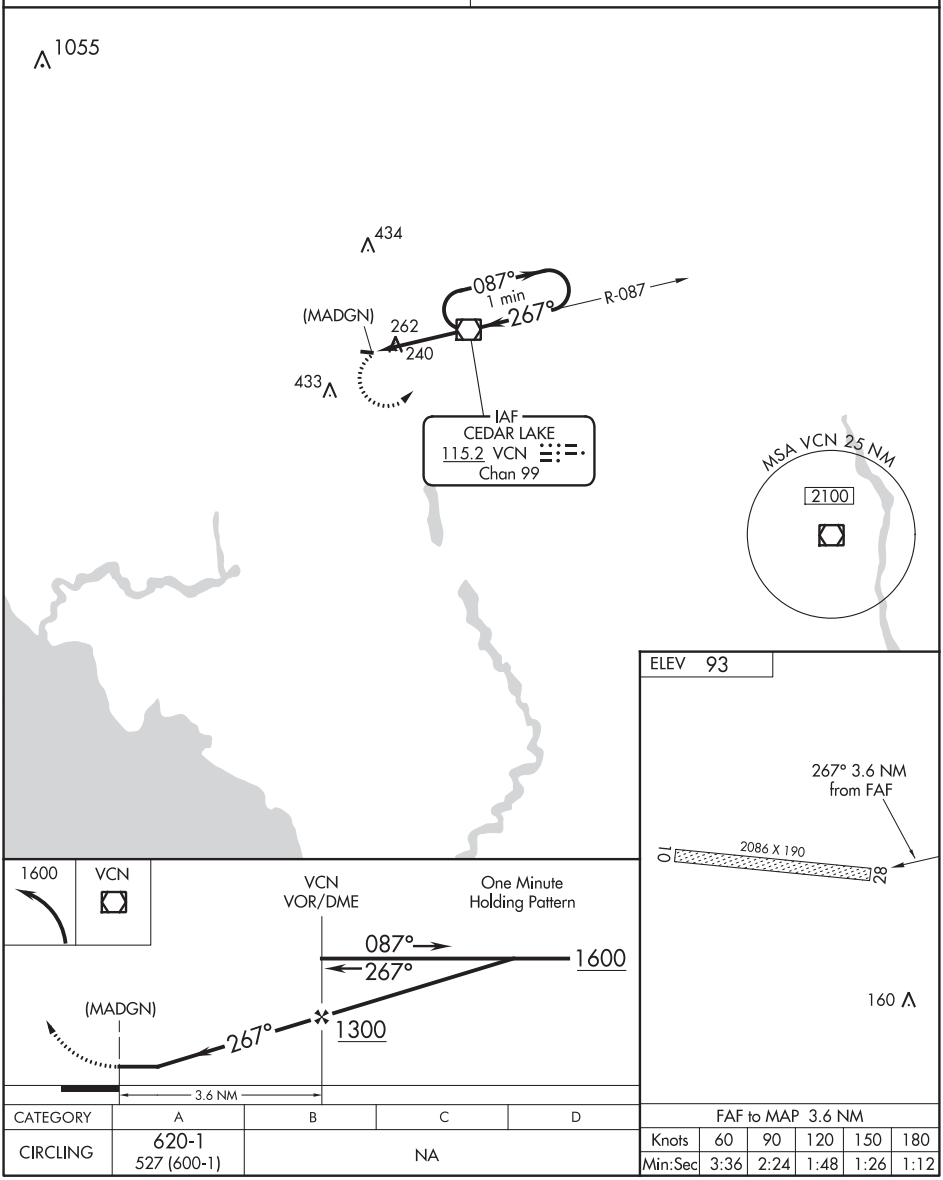
VOR/DME VCN	APP CRS	Rwy ldg	N/A
115.2	267°	TDZE	N/A
Chan 99		Apt Elev	93

Procedure NA at night.
Use Millville altimeter setting.

NA

MISSED APPROACH: Climbing left turn to 1600 direct VCN VOR/DME and hold.

ATLANTIC CITY APP CON	CTAF
124.6 327.125	122.9



CATEGORY	A	B	C	D
CIRCLING	620-1 527 (600-1)	NA		

FAF to MAP 3.6 NM					
Knots	60	90	120	150	180
Min:Sec	3:36	2:24	1:48	1:26	1:12

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

LOC I-ART	APP CRS	Rwy ldg	4784
111.1	065°	TDZE	319
		Apt Elev	331

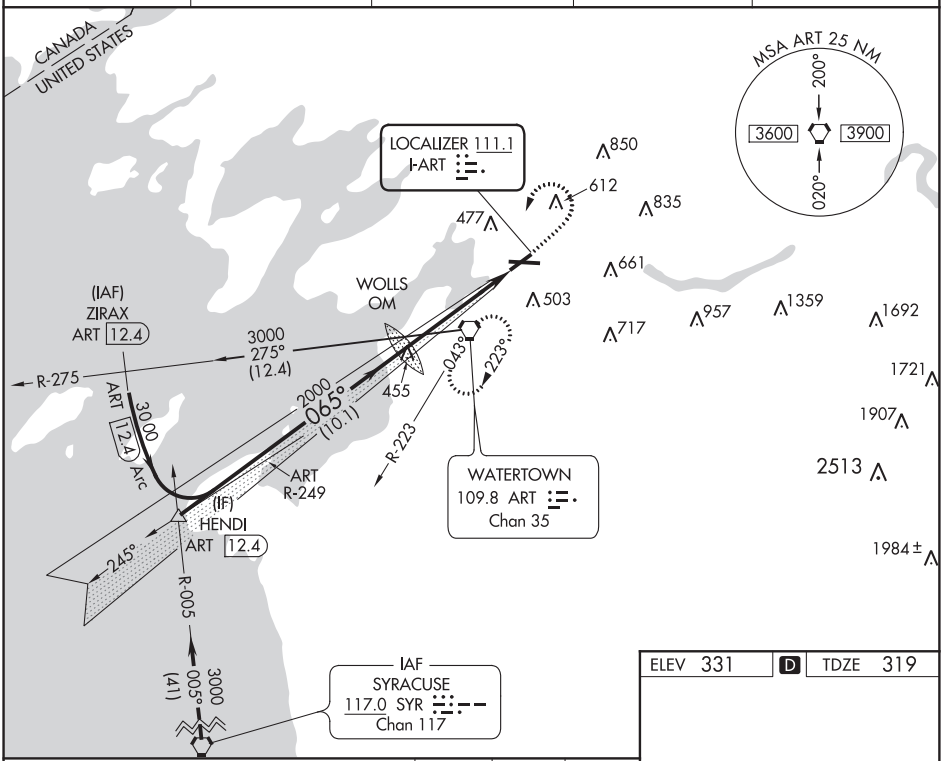
ILS or LOC RWY 7
WATERTOWN INTL (ART)

-37°C

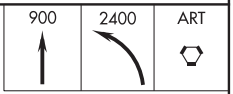
MALSR

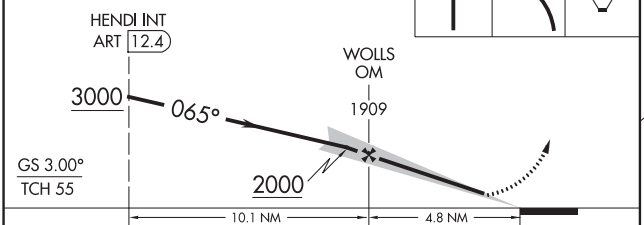
MISSED APPROACH: Climb to 900 then climbing left turn to 2400 direct ART VORTAC and hold.

ASOS	GTB ATIS	WHEELER-SACK APP CON	CLNC DEL	UNICOM
132.325	119.525	124.875 257.6	120.8	123.0 (CTAF) L

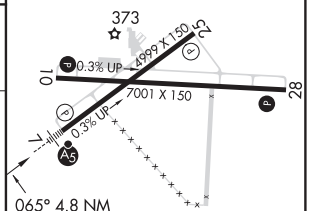


VGSI and ILS glidepath not coincident (VGSI Angle 3.00/TCH 51).





ELEV 331 D TDZE 319



REIL Rwy 28 L
HIRL Rwy 7-25 L
MIRL Rwy 10-28 L

CATEGORY	A	B	C	D
S-ILS 7	519-½ 200 (200-½)			
S-LOC 7	760-½ 441 (500-½)		760-⅞ 441 (500-⅞)	
C CIRCLING	960-1 629 (700-1)		980-1¾ 649 (700-1¾)	1080-2½ 749 (800-2½)

FAF to MAP 4.8 NM					
Knots	60	90	120	150	180
Min:Sec	4:48	3:12	2:24	1:55	1:36

NE-2, 10 SEP 2020 to 05 NOV 2020
NE-2, 10 SEP 2020 to 05 NOV 2020

WAAS CH 82510 W07A	APP CRS 065°	Rwy ldg 4784 TDZE 319 Apt Elev 331

RNAV (GPS) RWY 7
WATERTOWN INTL (ART)

RNP APCH.

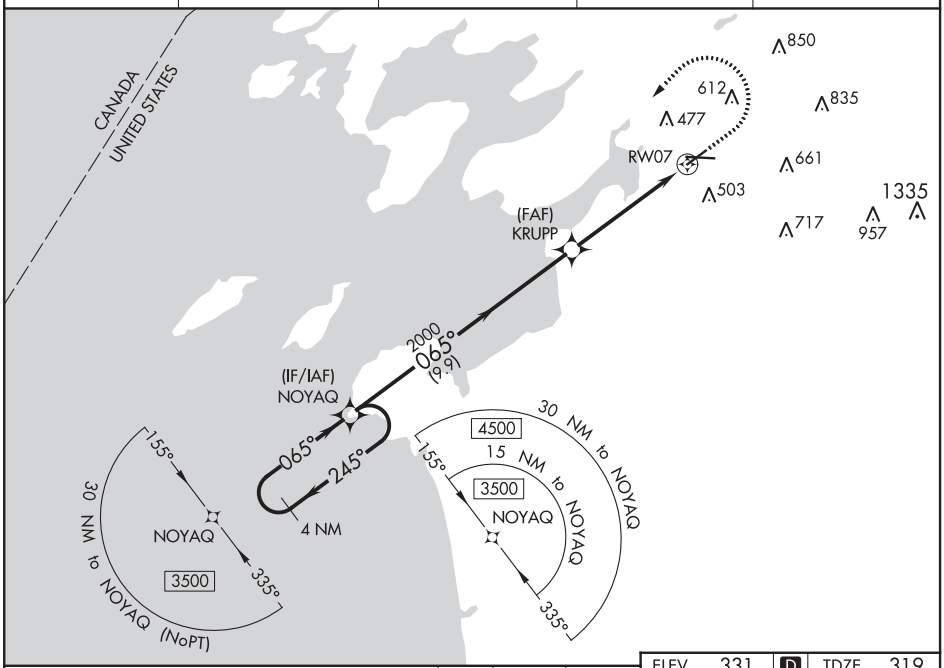
For inop ALS, increase LPV, LNAV/VNAV visibilities to ¾ SM and LNAV Cat C/D visibilities to 1⅜ SM. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below-18°C or above 54°C.

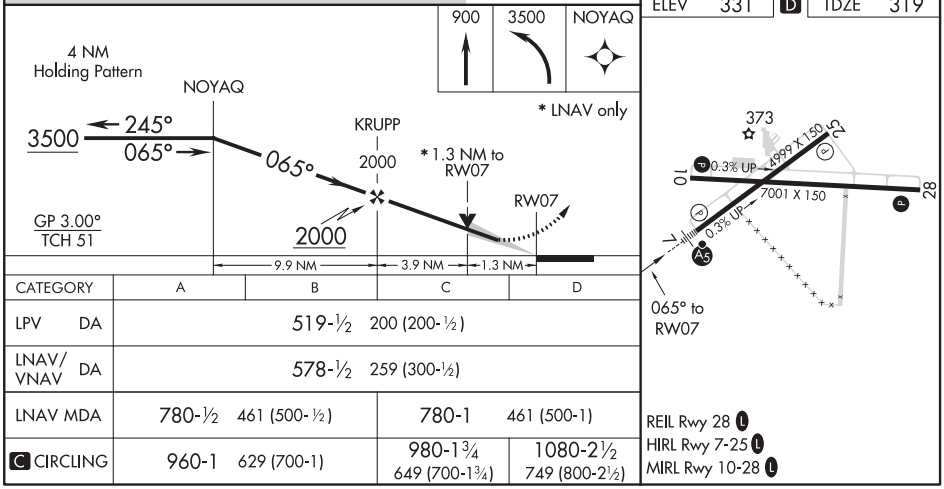
-37°C

MALSR

MISSED APPROACH: Climb to 900 then climbing left turn to 3500 direct NOYAQ and hold.

ASOS	GTB ATIS	WHEELER-SACK APP CON	CLNC DEL	UNICOM
132.325	119.525	124.875 257.6	120.8	123.0 (CTAF) L





CATEGORY	A	B	C	D
LPV DA	519-½ 200 (200-½)			
LNAV/VNAV DA	578-½ 259 (300-½)			
LNAV MDA	780-½ 461 (500-½)		780-1 461 (500-1)	
C CIRCLING	960-1 629 (700-1)		980-1¾ 649 (700-1¾)	1080-2½ 749 (800-2½)

NE-2, 10 SEP 2020 to 05 NOV 2020

WAAS CH 53522 W10A	APP CRS 105°	Rwy ldg 7001 TDZE 318 Apt Elev 331

RNAV (GPS) RWY 10
WATERTOWN INTL (ART)

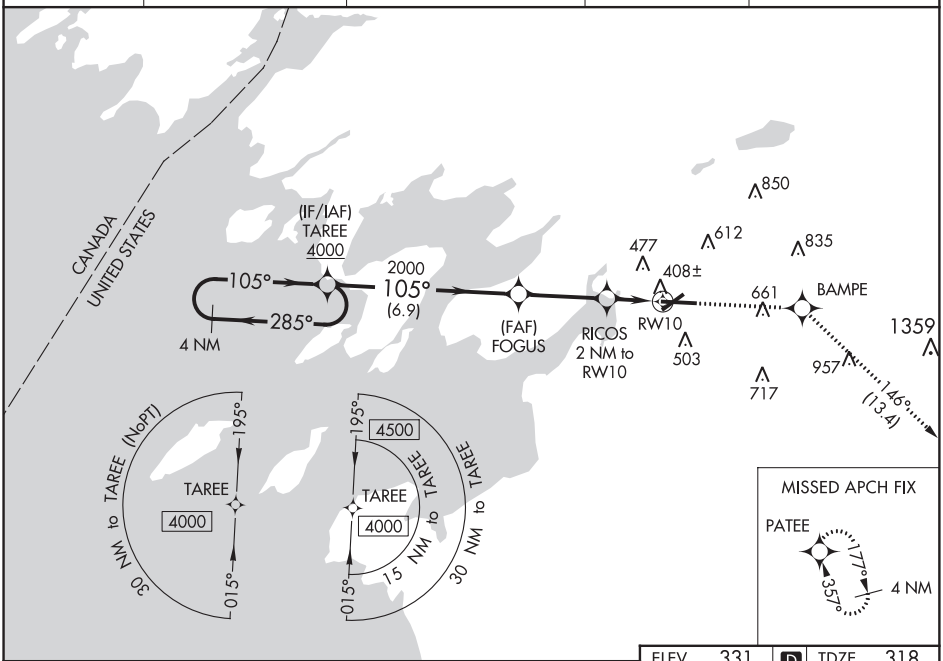
RNP APCH.

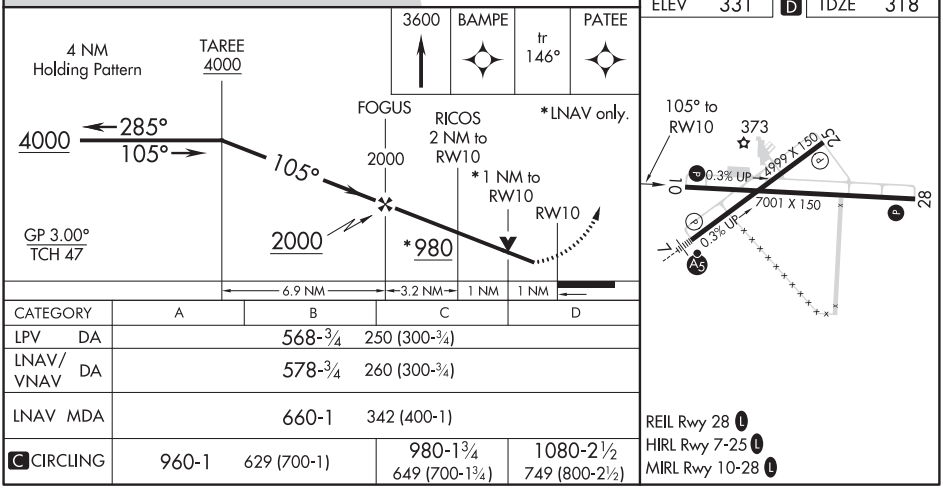
For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -20°C or above 54°C. Rwy 10 helicopter visibility reduction below ¾ SM NA.

-37°C

MISSED APPROACH: Climb to 3600 direct BAMPE and on track 146° to PATEE and hold.

ASOS	GTB ATIS	WHEELER-SACK APP CON	CLNC DEL	UNICOM
132.325	119.525	124.875 257.6	120.8	123.0 (CTAF) L





CATEGORY	A	B	C	D
LPV DA	568-¾ 250 (300-¾)			
LNAV/VNAV DA	578-¾ 260 (300-¾)			
LNAV MDA	660-1 342 (400-1)			
C CIRCLING	960-1 629 (700-1)		980-1¾ 649 (700-1¾)	1080-2½ 749 (800-2½)

NE-2, 10 SEP 2020 to 05 NOV 2020
NE-2, 10 SEP 2020 to 05 NOV 2020

WATERTOWN, NEW YORK | AL-666 (FAA) | 20142

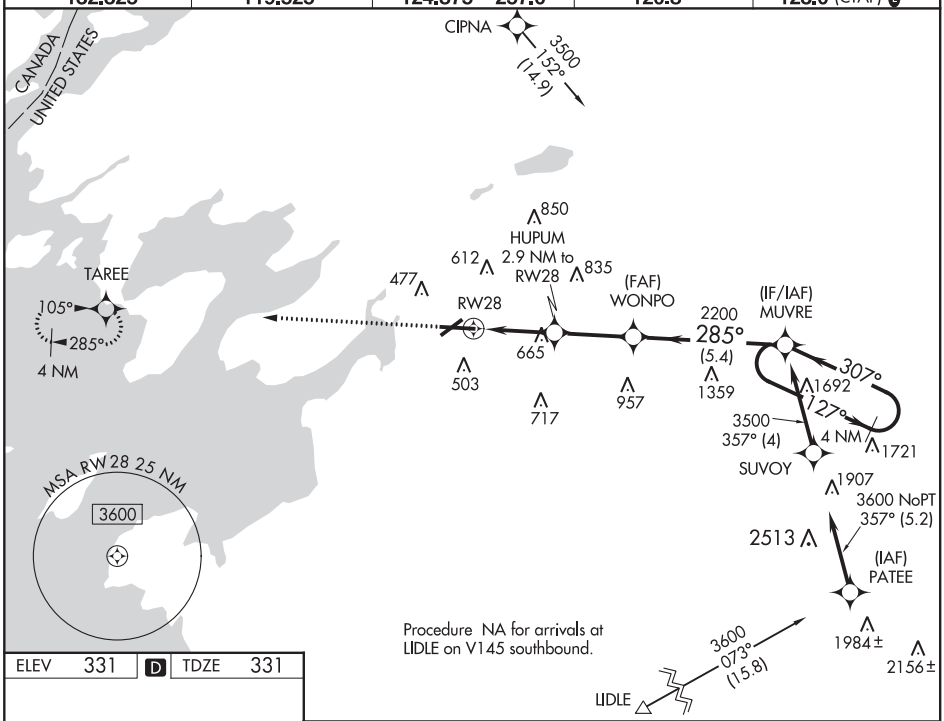
RNAV (GPS) RWY 28
WATERTOWN INTL (ART)

WAAS CH 82322 W28A	APP CRS 285°	Rwy ldg 7001 TDZE 331 Apt Elev 331

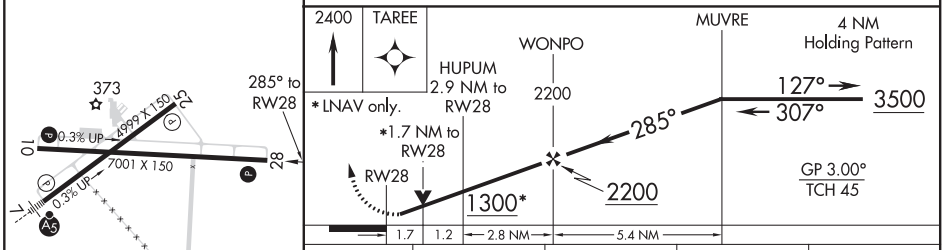
For uncompensated Baro-VNAV systems, procedure NA below -20°C (-4°F) or above 54°C (130°F). Baro-VNAV and VDP NA when using Wheeler-Sack AAF altimeter setting. DME/DME RNP-0.3 NA. When local altimeter setting not received, use Wheeler-Sack AAF altimeter setting; increase LPV DA to 663 feet and all visibilities to 1⅛ SM; LNAV/VNAV DA to 934 feet and all visibilities to 2½ SM. Increase all MDA 100 feet and LNAV Cat C and D visibility ½ SM, Circling Cat C ½ SM and Cat D ¼ SM. Rwy 28 helicopter visibility reduction below ¾ SM NA. -37°C

MISSED APPROACH: Climb to 2400 direct TAREE and hold.

ASOS	GTB ATIS	WHEELER-SACK APP CON	CLNC DEL	UNICOM
132.325	119.525	124.875 257.6	120.8	123.0 (CTAF) L



ELEV 331	D	TDZE 331



CATEGORY	A	B	C	D
LPV DA	581-¾ 250 (300-¾)			
LNAV/VNAV DA	852-1¾ 521 (600-1¾)			
LNAV MDA	920-1 589 (600-1)		920-1¾ 589 (600-1¾)	
C CIRCLING	960-1 629 (700-1)		980-1¾ 649 (700-1¾)	1080-2½ 749 (800-2½)

REIL Rwy 28 L
HIRL Rwy 7-25 L
MIRL Rwy 10-28 L

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

VORTAC ART	APP CRS	Rwy ldg	4784
109.8	043°	TDZE	319
Chan 35		Apt Elev	325

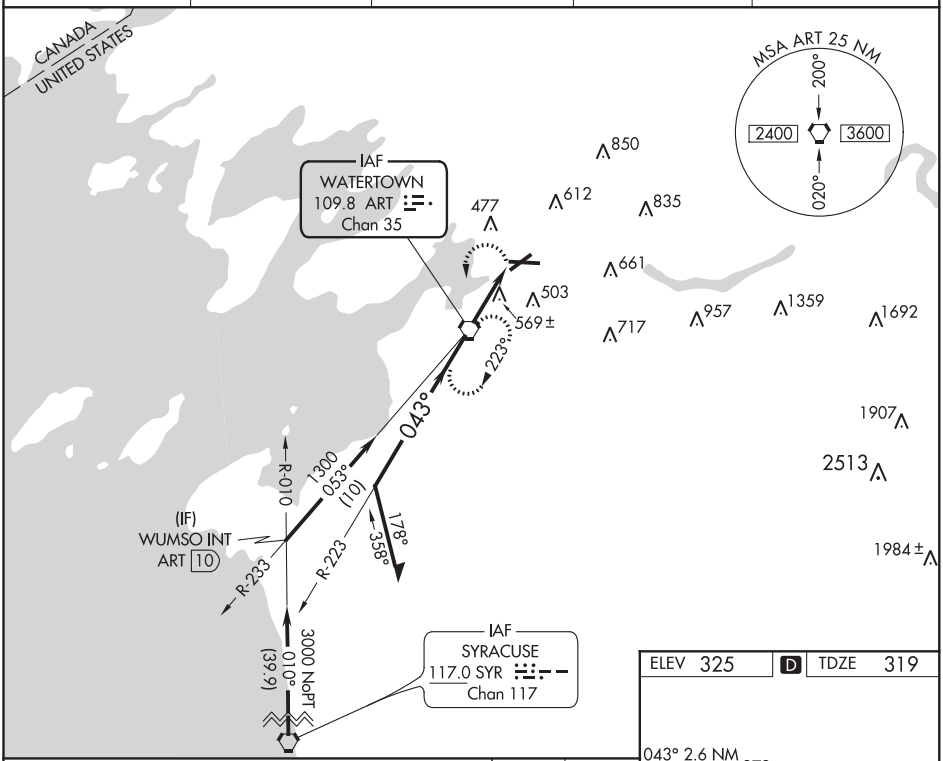
VOR RWY 7
WATERTOWN INTL (ART)

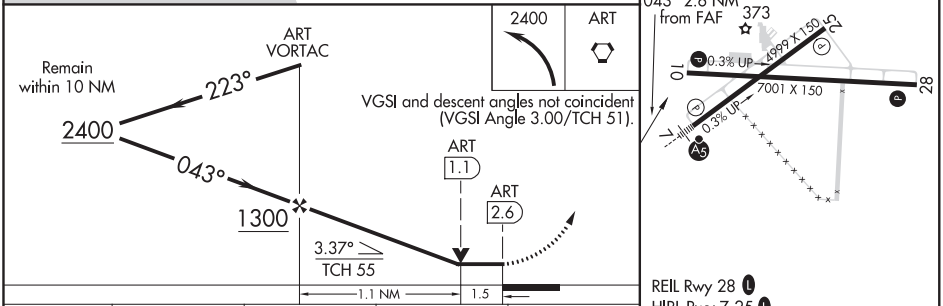
Inoperative table does not apply. When VGSI inop, Circling Rwy 10 NA at night. Helicopter visibility reduction below ¾ SM NA. -37°C

MALSR

MISSED APPROACH: Climbing left turn to 2400 direct ART VORTAC and hold, continue climb-in-hold to 2400.

ASOS	GTB ATIS	WHEELER-SACK APP CON	CLNC DEL	UNICOM
132.325	119.525	124.875 257.6	120.8	123.0 (CTAF) L





REIL Rwy 28 L
HIRL Rwy 7-25 L
MIRL Rwy 10-28 L

CATEGORY	A	B	C	D
S-7	840-1 521 (600-1)		840-1½ 521 (600-1½)	
CIRCLING	960-1 635 (700-1)		980-1¾ 655 (700-1¾)	1000-2¼ 675 (700-2¼)

FAF to MAP 2.6 NM					
Knots	60	90	120	150	180
Min:Sec	2:36	1:44	1:18	1:02	0:52

NE-2, 10 SEP 2020 to 05 NOV 2020

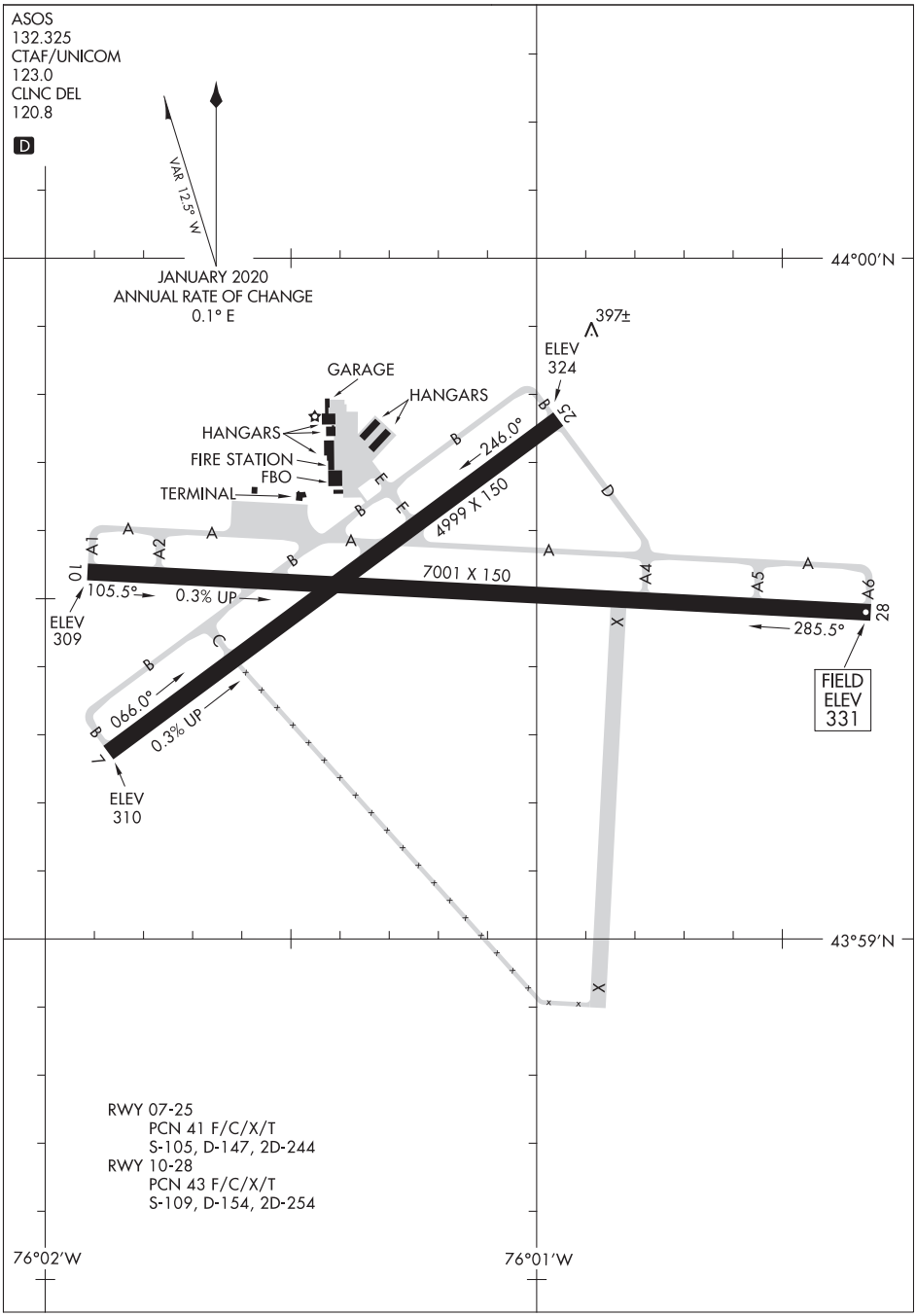
NE-2, 10 SEP 2020 to 05 NOV 2020

20086

AIRPORT DIAGRAM

AL-666 (FAA)

WATERTOWN INTL (ART)
WATERTOWN, NEW YORK



RWY 07-25
PCN 41 F/C/X/T
S-105, D-147, 2D-244
RWY 10-28
PCN 43 F/C/X/T
S-109, D-154, 2D-254

AIRPORT DIAGRAM
20086

WATERTOWN, NEW YORK
WATERTOWN INTL (ART)

APP CRS	Rwy ldg	3200
099°	TDZE	400
	Apt Elev	400

RNAV (GPS) RWY 10
WHITFORDS (B16)

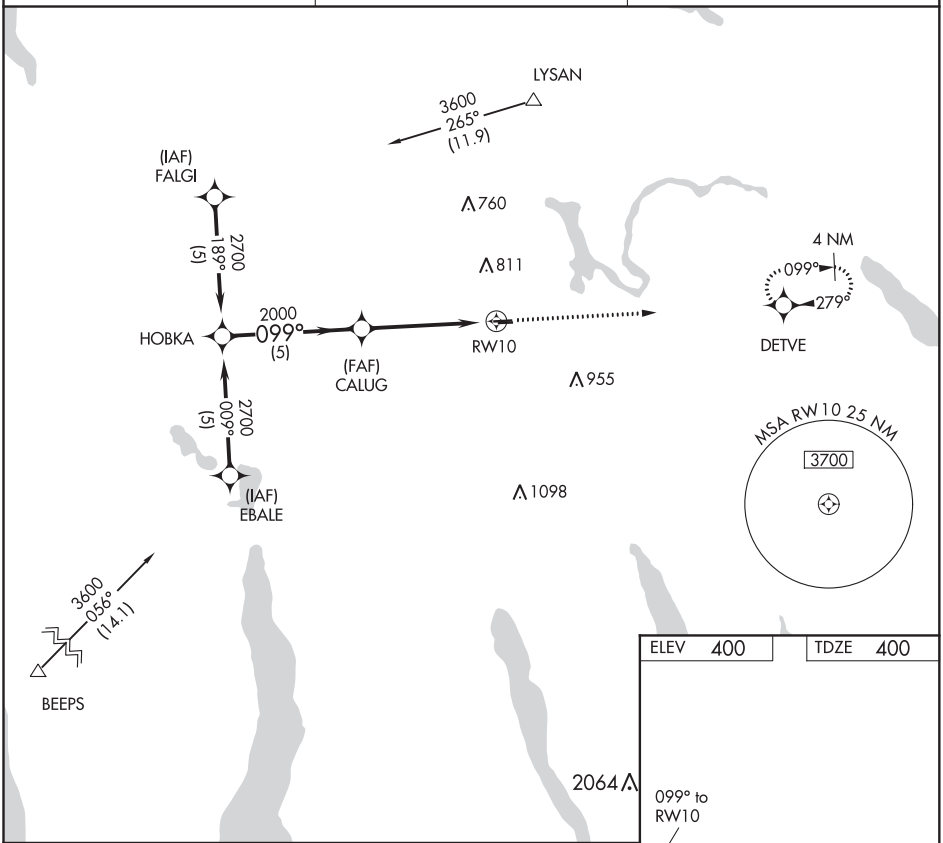
RNP APCH.

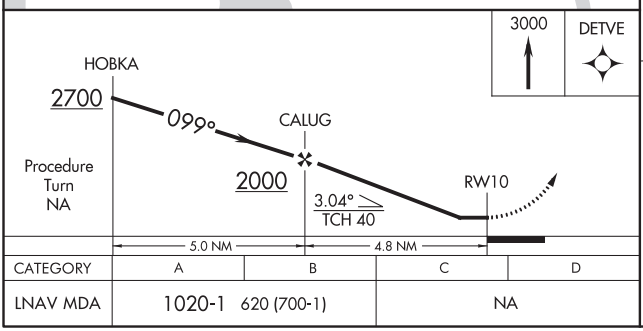
NA

Use Syracuse altimeter setting. Procedure NA at night.
Rwy 10 helicopter visibility reduction below 1 SM NA.

MISSED APPROACH: Climb to 3000 direct DETVE WP and hold.

SYRACUSE APP CON	UNICOM	
126.125 269.125	122.8 (CTAF)	122.7 L





CATEGORY	A	B	C	D
LNAV MDA	1020-1 620 (700-1)		NA	

MIRL Rwy 10-28 L

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

WEEDSPORT, NEW YORK | AL-9225 (FAA) | 20086

RNAV (GPS) RWY 28
WHITFORDS (B16)

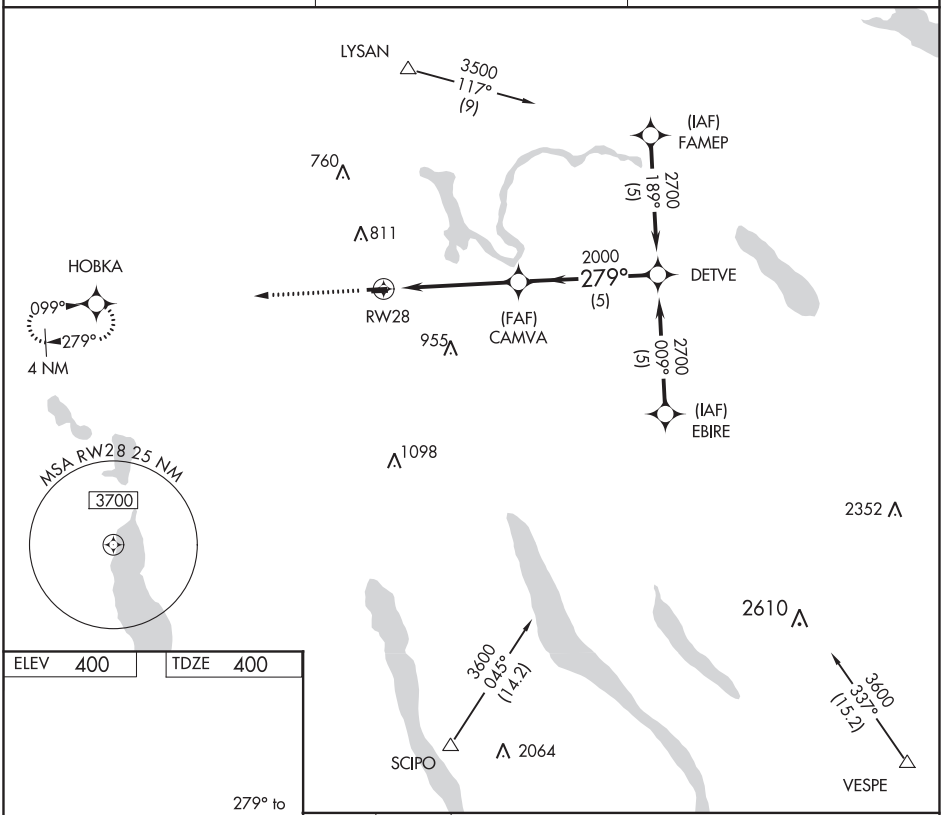
APP CRS	Rwy ldg	3280
279°	TDZE	400
	Apt Elev	400

Use Syracuse altimeter setting. DME/DME RNP-0.3 NA. Procedure NA at night. Rwy 28 helicopter visibility reduction below 1 SM NA.

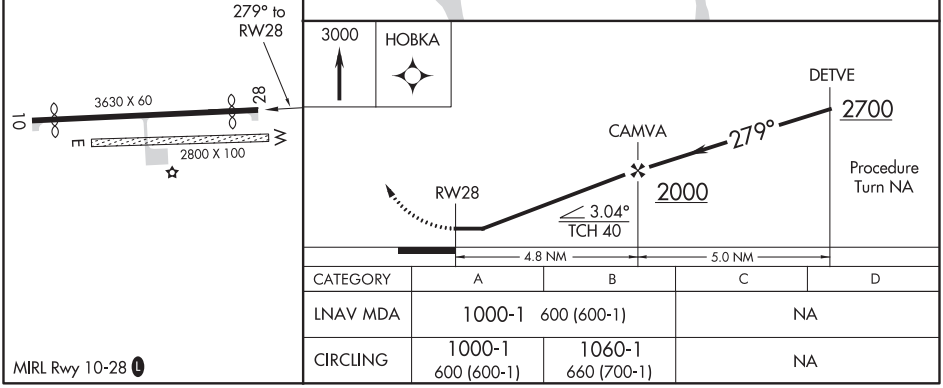
NA

MISSED APPROACH: Climb to 3000 direct HOBKA WP and hold.

SYRACUSE APP CON	UNICOM	
126.125 269.125	122.8 (CTAF)	122.7 L



ELEV	400	TDZE	400



CATEGORY	A	B	C	D
LNAV MDA	1000-1 600 (600-1)		NA	
CIRCLING	1000-1 600 (600-1)	1060-1 660 (700-1)	NA	

MIRL Rwy 10-28 L

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

WAAS CH 87002 W10A	APP CRS 097°	Rwy ldg 4901 TDZE 2124 Apt Elev 2124

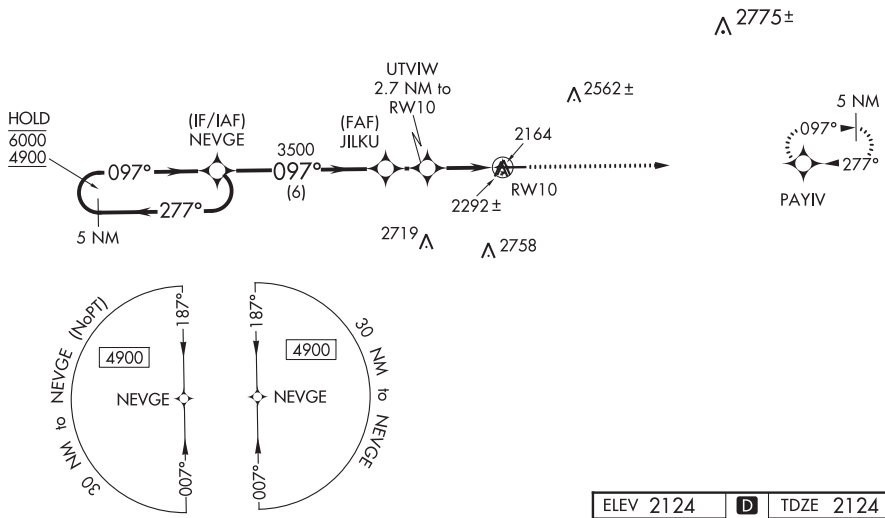
RNAV (GPS) RWY 10
WELLSVILLE MUNI AIRPORT, TARANTINE FIELD (ELZ)

RNP APCH.

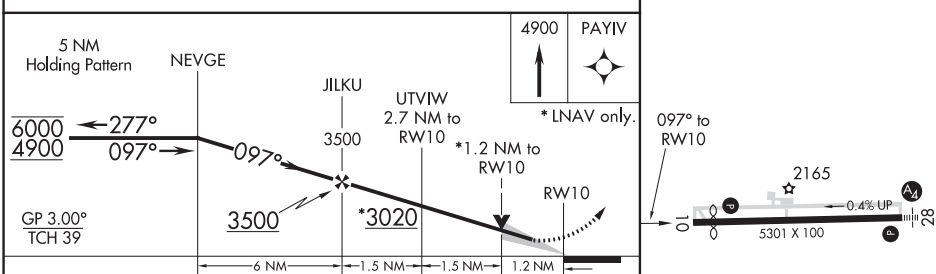
For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -24°C or above 54°C.

MISSED APPROACH: Climb to 4900 direct PAYIV and hold.

ASOS	CLEVELAND CENTER	UNICOM
119.275	124.325 353.85	123.0 (CTAF) L



ELEV 2124 D TDZE 2124



CATEGORY	A	B	C	D
LPV DA	2374-¾ 250 (300-¾)			
LNAV/VNAV DA	2453-1 329 (400-1)			
LNAV MDA	2560-1 436 (500-1)		2560-1¼ 436 (500-1¼)	
C CIRCLING	2640-1 516 (600-1)	2660-1 536 (600-1)	2880-2¼ 756 (800-2¼)	3060-3 936 (1000-3)

REIL Rwy 10 L
HIRL Rwy 10-28 L

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

WELLSVILLE, NEW YORK | AL-5845 (FAA) | 19003

WAAS CH 49102 W28A	APP CRS 277°	Rwy ldg 5101 TDZE 2111 Apt Elev 2124

RNAV (GPS) RWY 28
WELLSVILLE MUNI AIRPORT, TARANTINE FIELD (ELZ)

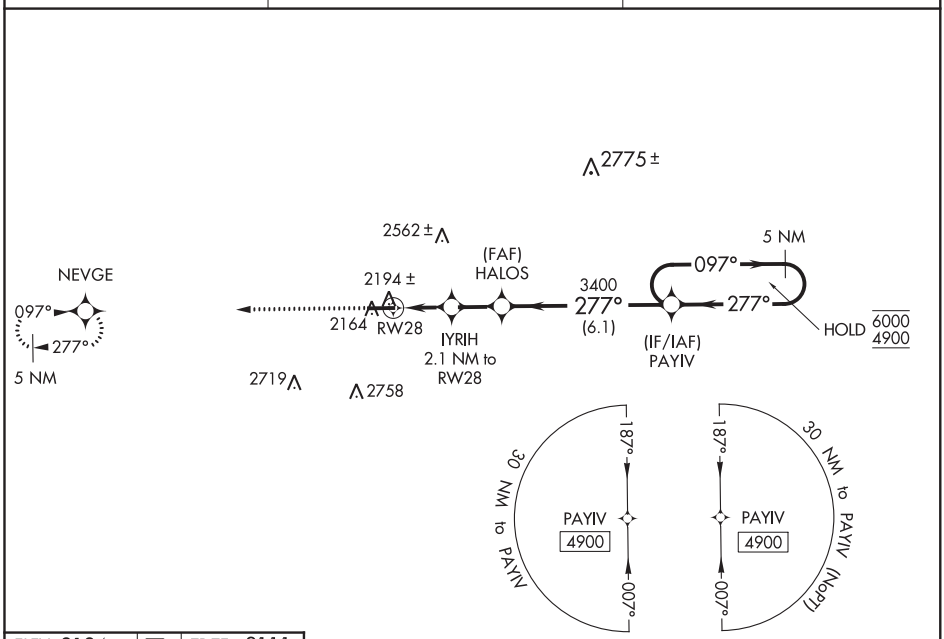
RNP APCH.

Inop table does not apply to LPV all Cats. For uncompensated Baro-VNAV systems, procedure NA below -22°C or above 54°C.

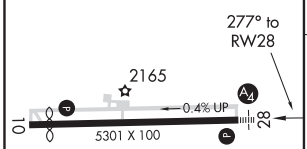
MALS

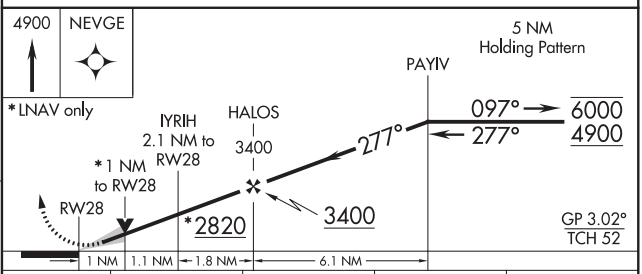
MISSED APPROACH: Climb to 4900 direct NEVGE and hold, continue climb-in-hold to 4900.

ASOS	CLEVELAND CENTER	UNICOM
119.275	124.325 353.85	123.0 (CTAF)



ELEV 2124 D TDZE 2111





CATEGORY	A	B	C	D
LPV DA	2311-¾ 200 (200-¾)			
LNAV/VNAV DA	2376-¾ 265 (300-¾)			
LNAV MDA	2460-¾ 349 (400-¾)			
C CIRCLING	2640-1 516 (600-1)	2660-1 536 (600-1)	2880-2¼ 756 (800-2¼)	3060-3 936 (1000-3)

REIL Rwy 10 L
HIRL Rwy 10-28 L

NE-2, 10 SEP 2020 to 05 NOV 2020

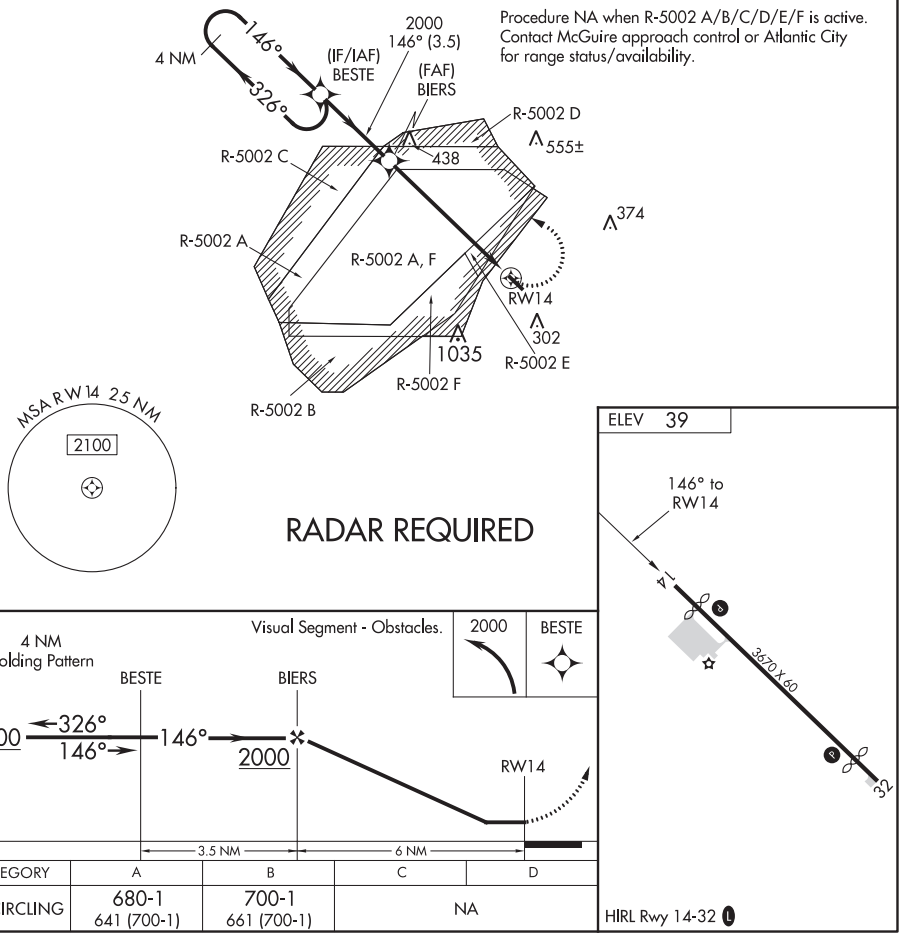
NE-2, 10 SEP 2020 to 05 NOV 2020

APP CRS	Rwy ldg	N/A
146°	TDZE	N/A
	Apt Elev	39

RNAV (GPS)-A
EAGLES NEST (31E)

NA	DME/DME RNP-0.3 NA. Procedure NA at night. Use Toms River altimeter setting; when not received use Atlantic City altimeter setting. Helicopter visibility reduction below 1 SM NA.	MISSED APPROACH: Climbing left turn to 2000 direct BESTE and hold.

MJX AWOS-3PT	ATLANTIC CITY APP CON	CTAF
119.875	134.25 292.2	122.9 L



CATEGORY	A	B	C	D
C CIRCLING	680-1 641 (700-1)	700-1 661 (700-1)	NA	

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

WEST CREEK, NEW JERSEY | AL-11022 (FAA) | 20198

RNAV (GPS)-B
EAGLES NEST (31E)

APP CRS	Rwy ldg	N/A
326°	TDZE	N/A
	Apt Elev	39

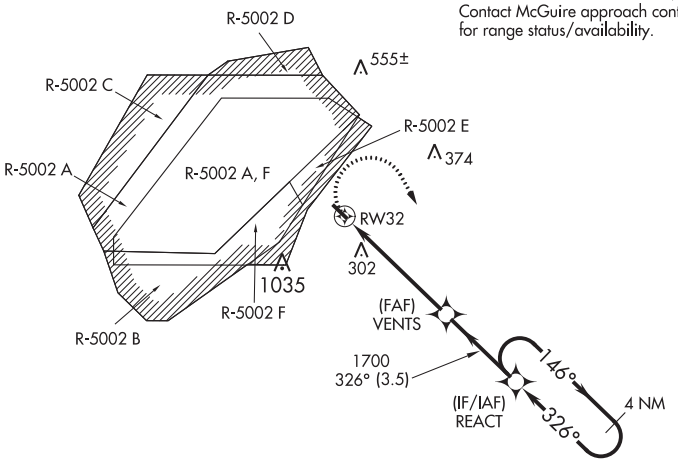
T A NA

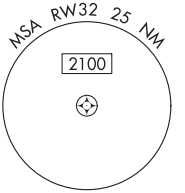
DME/DME RNP-0.3 NA. Procedure NA at night. Use Toms River altimeter setting; when not received use Atlantic City altimeter setting. Helicopter visibility reduction below 1 SM NA.

MISSED APPROACH: Climbing right turn to 2300 direct REACT and hold.

MJX AWOS-3PT	ATLANTIC CITY APP CON	CTAF
119.875	134.25 292.2	122.9 L

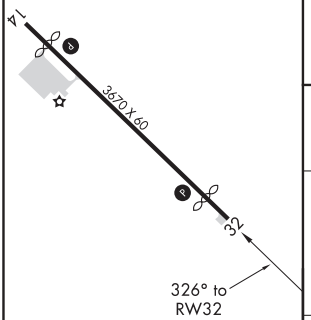
Procedure NA when R-5002 A/B/C/D/E/F is active. Contact McGuire approach control or Atlantic City for range status/availability.



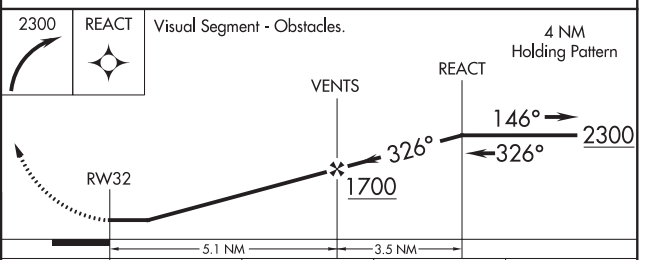


RADAR REQUIRED

ELEV 39



HIRL Rwy 14-32 L



CATEGORY	A	B	C	D
C CIRCLING	680-1 641 (700-1)	700-1 661 (700-1)	NA	

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

WAAS CH 93821 W06A	APP CRS 061°	Rwy ldg 3471 TDZE 790 Apt Elev 790

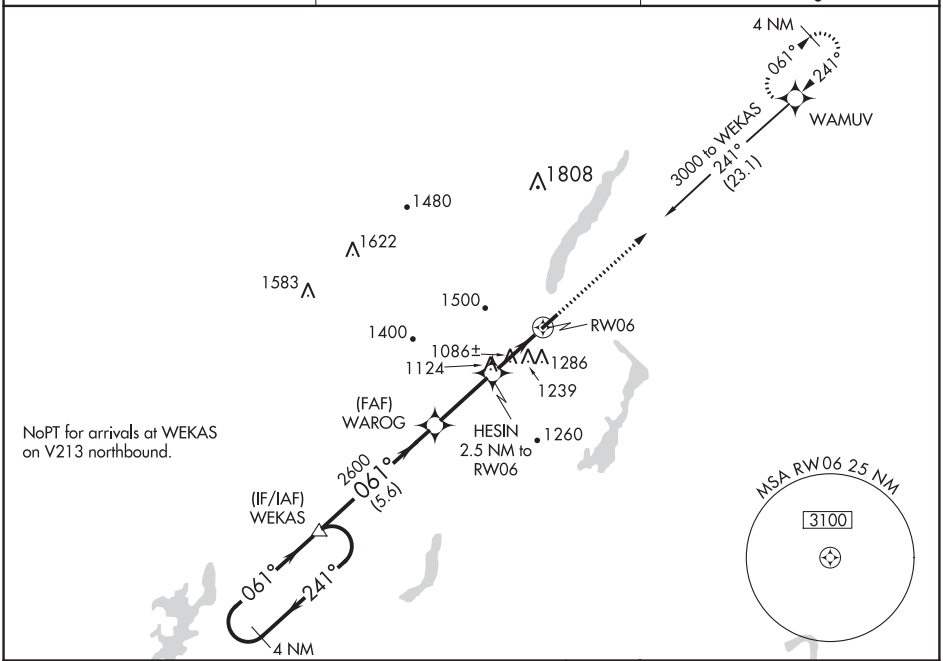
RNAV (GPS) RWY 6
GREENWOOD LAKE (4N1)

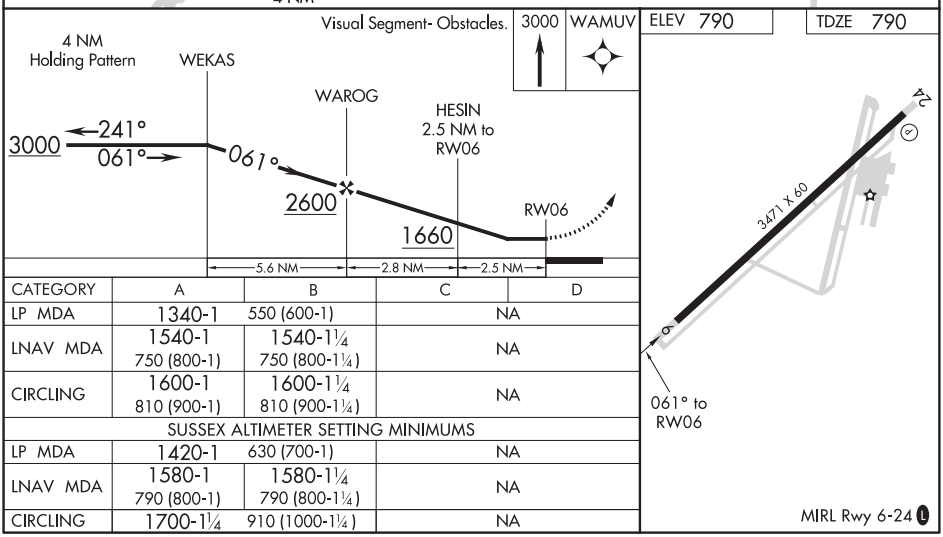
T A NA

DME/DME RNP-0.3 NA. Obtain local altimeter setting on CTAF; when not received, use Sussex altimeter setting. Helicopter visibility reduction below 1 SM NA. Procedure NA at night.

MISSED APPROACH: Climb to 3000 direct WAMUV and hold.

NEW YORK APP CON	GCO	CTAF
127.6 379.9	121.725	122.9 L





CATEGORY	A	B	C	D
LP MDA	1340-1	550 (600-1)	NA	
LNAV MDA	1540-1 750 (800-1)	1540-1¼ 750 (800-1¼)	NA	
CIRCLING	1600-1 810 (900-1)	1600-1¼ 810 (900-1¼)	NA	
SUSSEX ALTIMETER SETTING MINIMUMS				
LP MDA	1420-1	630 (700-1)	NA	
LNAV MDA	1580-1 790 (800-1)	1580-1¼ 790 (800-1¼)	NA	
CIRCLING	1700-1¼	910 (1000-1¼)	NA	

NE-2, 10 SEP 2020 to 05 NOV 2020

WEST MILFORD, NEW JERSEY AL-6401 (FAA) 20198

RNAV (GPS) RWY 24
GREENWOOD LAKE (4N1)

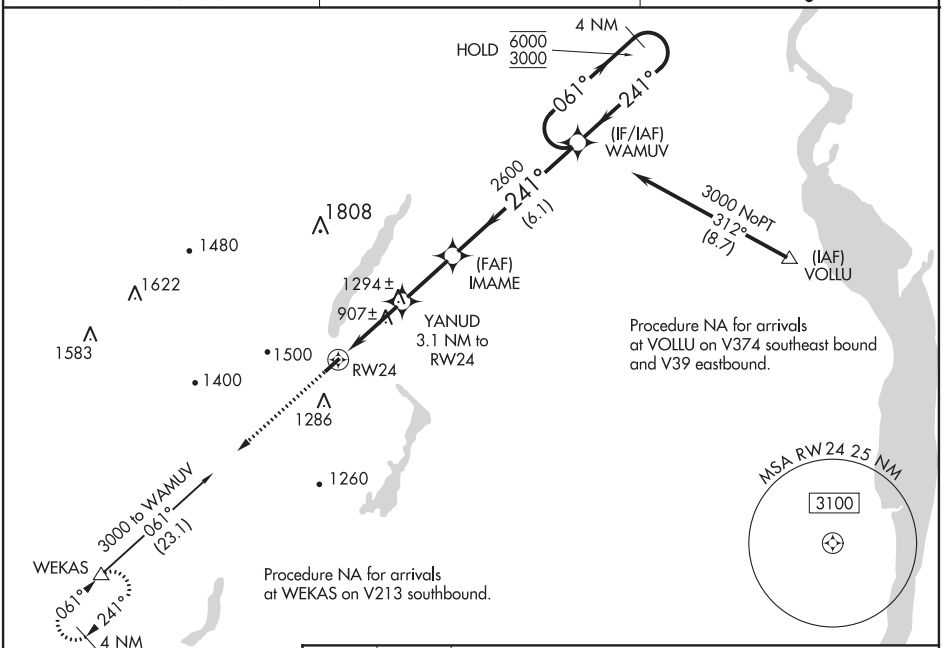
WAAS CH 45544 W24A	APP CRS 241°	Rwy ldg 3471 TDZE 790 Apt Elev 790

RNP APCH.

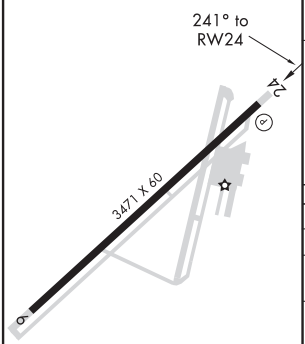
Obtain local altimeter setting on CTAF; when not received, use Sussex altimeter setting.
NA Rwy 24 helicopter visibility reduction below 1 SM NA. Procedure NA at night.

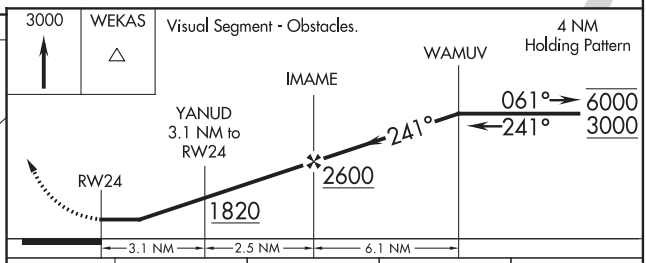
MISSED APPROACH: Climb to 3000 direct WEKAS and hold.

NEW YORK APP CON	GCO	CTAF
127.6 379.9	121.725	122.9 L



ELEV 790 TDZE 790





CATEGORY	A	B	C	D
LP MDA	1160-1	370 (400-1)	NA	
LNAV MDA	1560-1 771 (800-1)	1560-1¼ 771 (800-1¼)	NA	
CIRCLING	1600-1 810 (900-1)	1600-1¼ 810 (900-1¼)	NA	
SUSSEX ALTIMETER SETTING MINUMUMS				
LP MDA	1240-1	450 (500-1)	NA	
LNAV MDA	1640-1 851 (900-1)	1640-1¼ 851 (900-1¼)	NA	
CIRCLING	1700-1¼	910 (1000-1¼)	NA	

MIRL Rwy 6-24 L

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

LOC/DME I-FOK	APP CRS	Rwy ldg	9001
111.7	236°	TDZE	66
Chan 54		Apt Elev	66

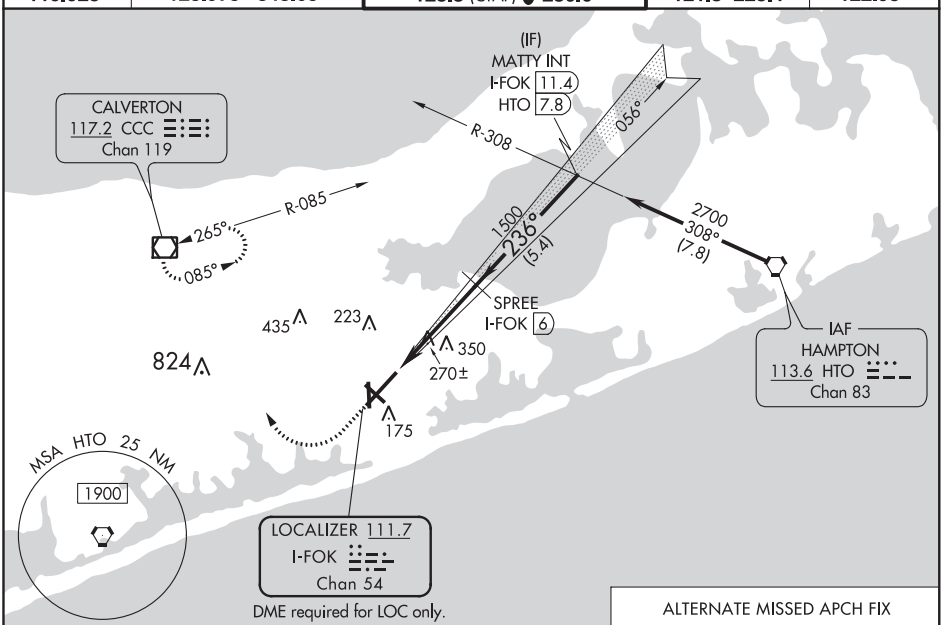
ILS or LOC RWY 24
FRANCIS S GABRESKI (FOK)

Circling Rwy 15 NA at night.

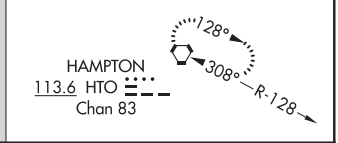
MALSR

MISSED APPROACH: Climb to 880 then climbing right turn to 2000 direct CCC VOR/DME and hold.

ASOS	NEW YORK APP CON	SUFFOLK COUNTY TOWER ★	GND CON	UNICOM
119.925	125.975 343.65	125.3 (CTAF) L 236.6	121.8 225.4	122.95

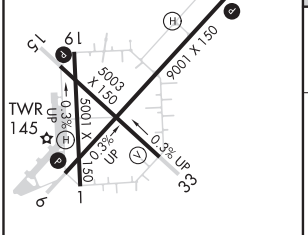


ALTERNATE MISSED APCH FIX



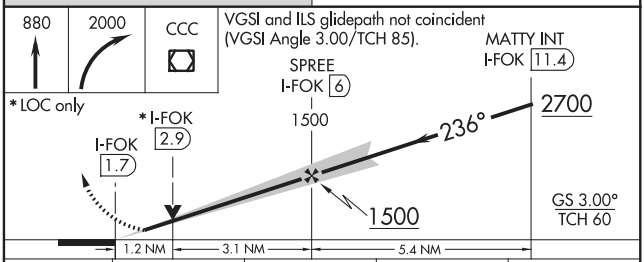
ELEV 66	TDZE 66

236° 4.3 NM from FAF



HIRL Rwy 6-24 L
MIRL Rwy 15-33 L
REIL Rwys 6, 15, and 33 L

FAF to MAP 4.3 NM					
Knots	60	90	120	150	180
Min:Sec	4:18	2:52	2:09	1:43	1:26



CATEGORY	A	B	C	D
S-ILS 24	266-½ 200 (200-½)			
S-LOC 24	520-½ 454 (500-½)		520-⅞ 454 (500-⅞)	
C CIRCLING	600-1 534 (600-1)	620-1 554 (600-1)	700-1¾ 634 (700-1¾)	740-2¼ 674 (700-2¼)

NE-2, 10 SEP 2020 to 05 NOV 2020
NE-2, 10 SEP 2020 to 05 NOV 2020

WESTHAMPTON BEACH, NEW YORK — AL-996 (FAA) — 20142

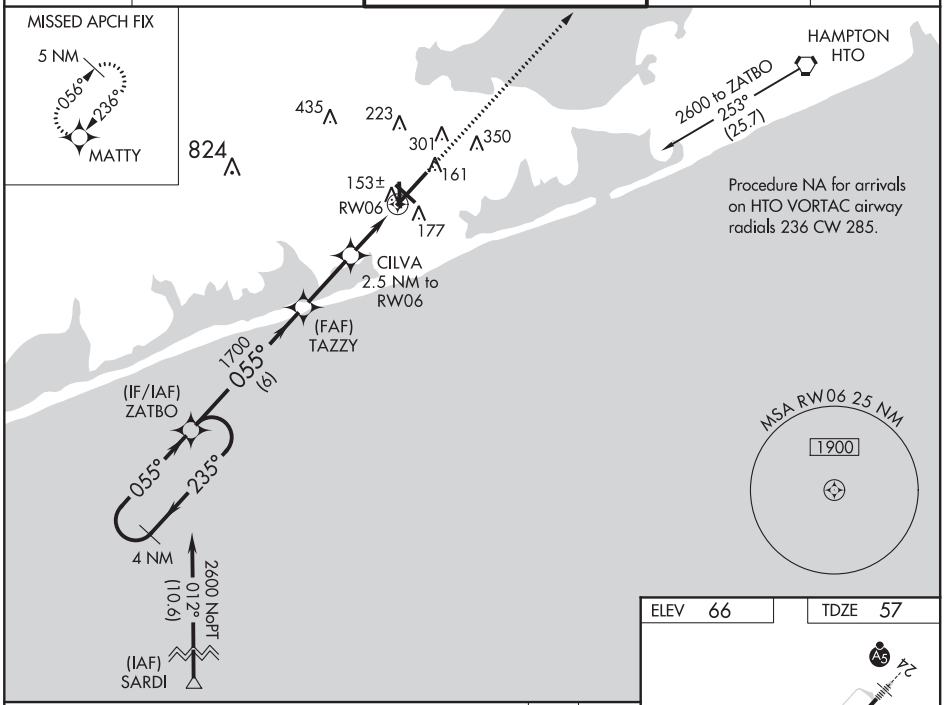
RNAV (GPS) RWY 6
FRANCIS S GABRESKI (FOK)

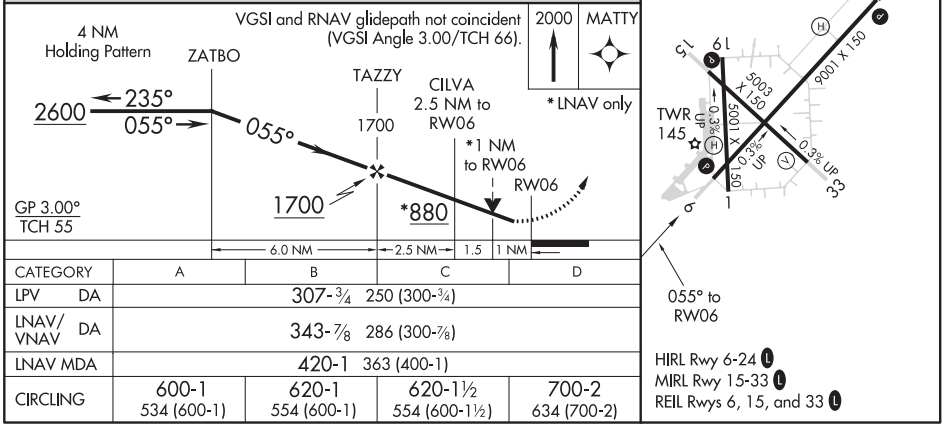
WAAS CH 81822 W06A	APP CRS 055°	Rwy ldg 9001 TDZE 57 Apt Elev 66

Helicopter visibility reduction below ¾ SM not authorized. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -15°C (5°F) or above 43°C (109°F). DME/DME RNP-0.3 NA. When local altimeter setting not received, use Shirley altimeter setting: increase LPV DA to 325 and all Cats visibility ⅛ mile; increase LNAV/VNAV DA to 361 and all Cats visibility ⅛ mile; increase all MDA 40 feet and LNAV cats C/D visibility ⅛ mile and Circling Cat D visibility ¼ mile. Baro-VNAV and VDP NA when using Shirley altimeter setting. Circling Rwy 15 NA at night.

MISSED APPROACH: Climb to 2000 direct MATTY and hold.

ASOS	NEW YORK APP CON	SUFFOLK COUNTY TOWER ★	GND CON	UNICOM
119.925	125.975 343.65	125.3 (CTAF) L 236.6	121.8 225.4	122.95





CATEGORY	A	B	C	D
LPV DA	307-¾ 250 (300-¾)			
LNAV/VNAV DA	343-⅞ 286 (300-⅞)			
LNAV MDA	420-1 363 (400-1)			
CIRCLING	600-1 534 (600-1)	620-1 554 (600-1)	620-1½ 554 (600-1½)	700-2 634 (700-2)

NE-2, 10 SEP 2020 to 05 NOV 2020

WESTHAMPTON BEACH, NEW YORK
Amdt 2B 15SEP16

40°51′N-72°38′W

FRANCIS S GABRESKI (FOK)
RNAV (GPS) RWY 6

WAAS CH 40009 W24A	APP CRS 236°	Rwy ldg 9001 TDZE 66 Apt Elev 66

RNAV (GPS) RWY 24

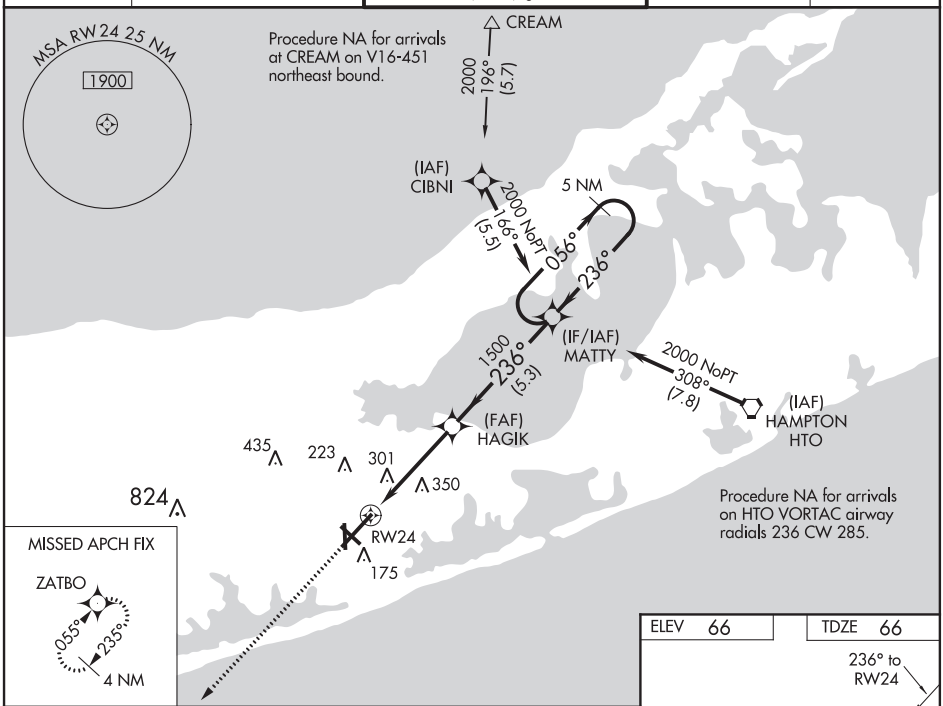
FRANCIS S GABRESKI (FOK)

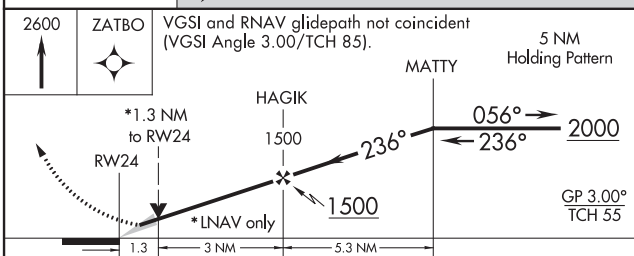
For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -15°C (5°F) or above 43°C (109°F). DME/DME RNP-0.3 NA. When local altimeter setting not received, use Shirley altimeter setting: increase LPV DA to 293; increase LNAV/VNAV DA to 632 and LNAV/VNAV all Cats visibility ⅛ mile; increase all MDA 40 feet and Circling Cat D visibility ¼ mile. Baro-VNAV and VDP NA when using Shirley altimeter setting. Circling Rwy 15 NA at night.

MALSR

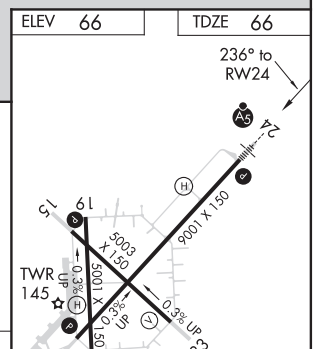
MISSED APPROACH: Climb to 2600 direct ZATBO and hold.

ASOS	NEW YORK APP CON	SUFFOLK COUNTY TOWER ★	GND CON	UNICOM
119.925	125.975 343.65	125.3 (CTAF) L 236.6	121.8 225.4	122.95





CATEGORY	A	B	C	D
LPV DA	266-½ 200 (200-½)			
LNAV/VNAV DA	605-1⅜ 539 (600-1⅜)			
LNAV MDA	560-½ 494 (500-½)		560-1 494 (500-1)	
CIRCLING	600-1 534 (600-1)	620-1 554 (600-1)	620-1½ 554 (600-1½)	700-2 634 (700-2)



HIRL Rwy 6-24 L
MIRL Rwy 15-33 L
REIL Rwys 6, 15, and 33 L

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

WESTHAMPTON BEACH, NEW YORK — AL-996 (FAA) — 20254

TACAN RWY 6

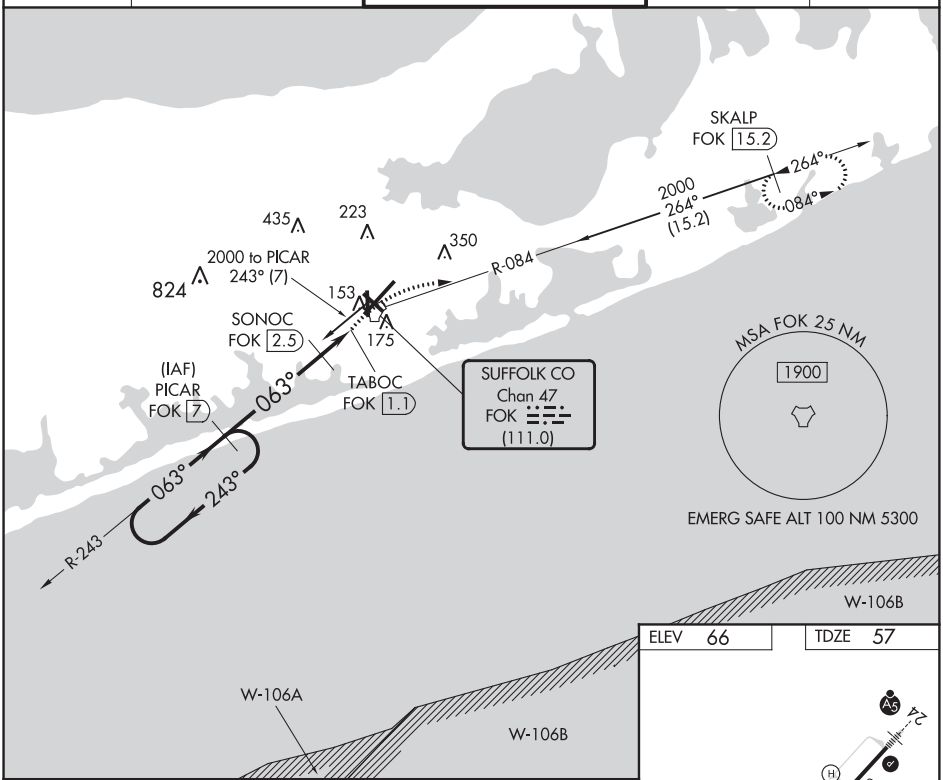
FRANCIS S GABRESKI (FOK)

TACAN FOK Chan 47 (111.0)	APP CRS 063°	Rwy ldg 9001 TDZE 57 Apt Elev 66

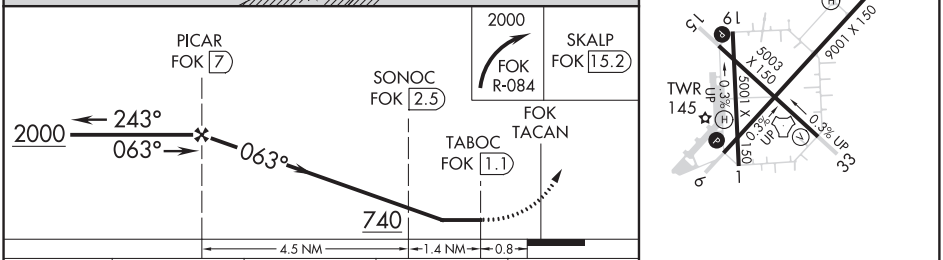
T NA — Helicopter visibility reduction below ¾ SM not authorized. When local altimeter setting not received, use Shirley altimeter setting and increase all MDA 40 feet and S-6 Cats C/D visibility to 1⅛ miles and Circling Cat D visibility to 2¼ miles. Circling Rwy 15 NA at night.

MISSED APPROACH: Climbing right turn to 2000 on FOK TACAN R-084 to SKALP/15.2 DME and hold.

ASOS	NEW YORK APP CON	SUFFOLK COUNTY TOWER ★	GND CON	UNICOM
119.925	125.975 343.65	125.3 (CTAF) L 236.6	121.8 225.4	122.95



ELEV 66	TDZE 57



CATEGORY	A	B	C	D
S-6	420-1 363 (400-1)			
CIRCLING	600-1 534 (600-1)	620-1 554 (600-1)	620-1½ 554 (600-1½)	700-2 634 (700-2)

HIRL Rwy 6-24 L
MIRL Rwy 15-33 L
REIL Rwys 6, 15, and 33 L

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

TACAN RWY 24

FRANCIS S GABRESKI (FOK)

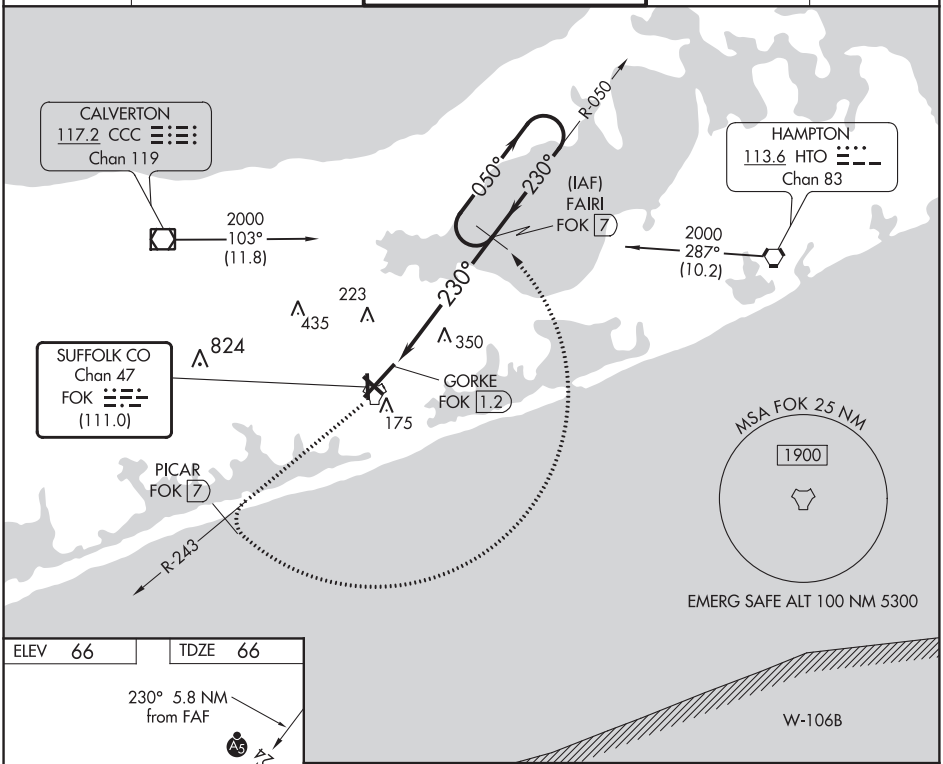
TACAN FOK Chan 47 (111.0)	APP CRS 230°	Rwy ldg 9001 TDZE 66 Apt Elev 66

VDP NA with Shirley altimeter setting. When local altimeter setting not received, use Shirley altimeter setting and increase all MDA 40 feet and S-24 Cats C/D visibility to 1⅜ mile and Circling Cat D visibility to 2¼ miles. Circling Rwy 15 NA at night.

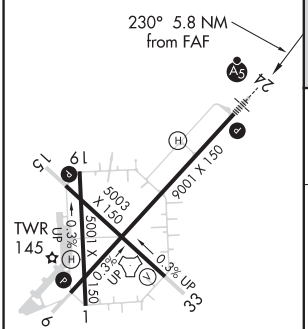
MALSR

MISSED APPROACH: Climb to 2000 on FOK TACAN R-243 to PICAR/7 DME then arc CCW to FAIRI/7 DME and hold.

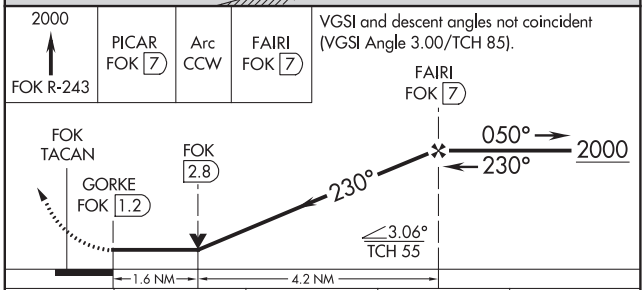
ASOS	NEW YORK APP CON	SUFFOLK COUNTY TOWER ★	GND CON	UNICOM
119.925	125.975 343.65	125.3 (CTAF) L 236.6	121.8 225.4	122.95



ELEV 66	TDZE 66



HIRL Rwy 6-24 L
MIRL Rwy 15-33 L
REIL Rwys 6, 15, and 33 L



CATEGORY	A	B	C	D
S-24	660-½ 594 (600-½)		660-1¼ 594 (600-1¼)	
CIRCLING	660-1 594 (600-1)		660-1¾ 594 (600-1¾)	700-2 634 (700-2)

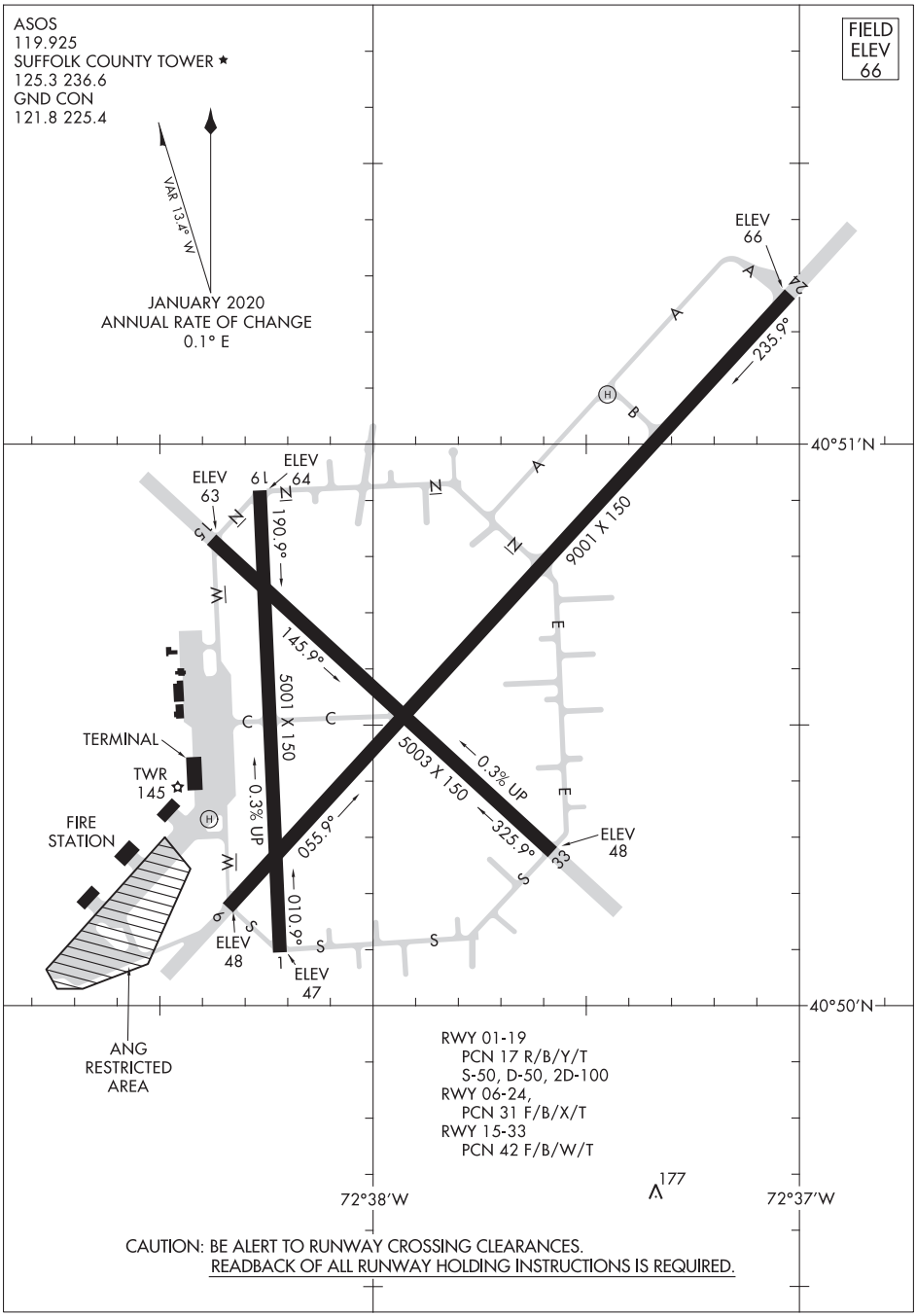
NE-2, 10 SEP 2020 to 05 NOV 2020
NE-2, 10 SEP 2020 to 05 NOV 2020

20086

AIRPORT DIAGRAM

AL-996 (FAA)

FRANCIS S. GABRESKI (FOK)
WESTHAMPTON BEACH, NEW YORK



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

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

AIRPORT DIAGRAM
20086
WESTHAMPTON BEACH, NEW YORK
FRANCIS S. GABRESKI (FOK)

FORT DRUM, NEW YORK

ILS or LOC RWY 3

WHEELER-SACK AAF (KGTB)

AL-5754 [USA]

LOC/DME I-AEZ	APCH CRS	Rwy ldg	8637
108.5	029°	TDZE	685
Chan 22		Arpt Elev	690

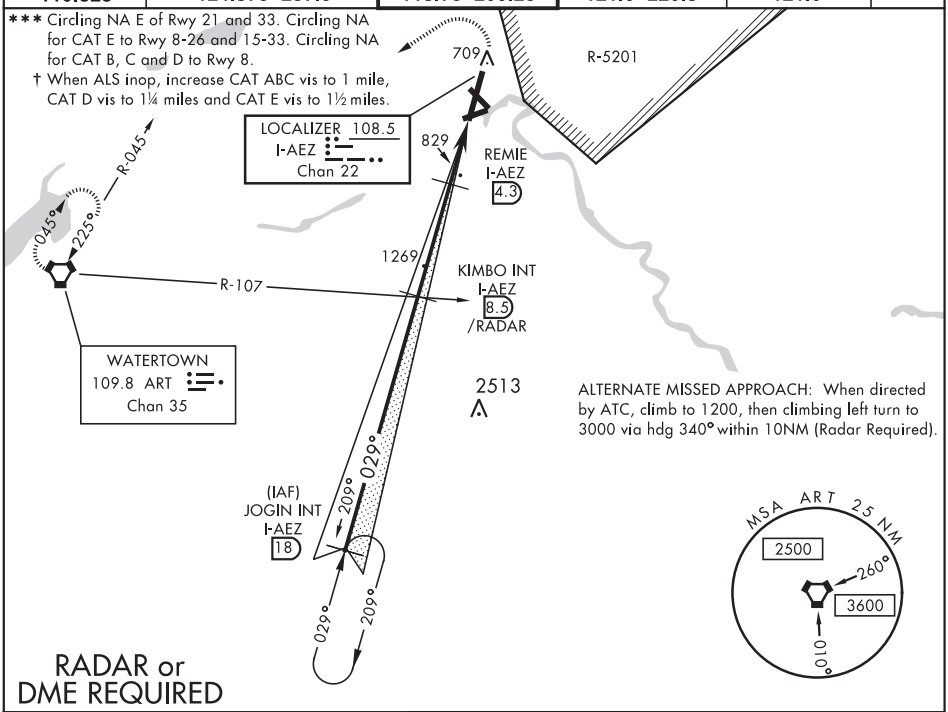
T * When ALS inop, increase CAT ABCDE vis to ¾ mile.
** When ALS inop, increase CAT A vis to 1 mile, CAT B vis to 1¼ miles, CAT C vis to 2½ miles, CAT D vis to 2¾ miles, and CAT E vis to 3 miles.

ALSF-1 A1

MISSED APPROACH: Climb to 1200, then climbing left turn to 5000 direct ART VORTAC and hold. Continue climb-in-hold to 5000.

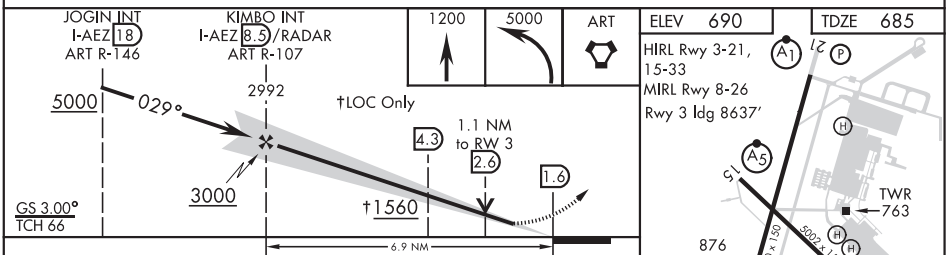
ATIS	WHEELER-SACK APP CON	WHEELER-SACK TOWER	GND CON	CLNC DEL	ASR/PAR
119.525	124.875 257.6	118.75 290.25	121.9 229.8	121.9	

*** Circling NA E of Rwy 21 and 33. Circling NA for CAT E to Rwy 8-26 and 15-33. Circling NA for CAT B, C and D to Rwy 8.
† When ALS inop, increase CAT ABC vis to 1 mile, CAT D vis to 1¼ miles and CAT E vis to 1½ miles.



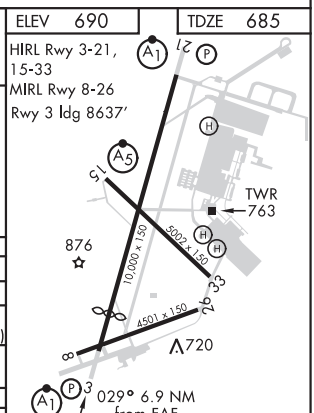
ALTERNATE MISSED APPROACH: When directed by ATC, climb to 1200, then climbing left turn to 3000 via hdg 340° within 10NM (Radar Required).

RADAR or DME REQUIRED



ELEV 690 | TDZE 685

HIRL Rwy 3-21, 15-33
MIRL Rwy 8-26
Rwy 3 ldg 8637′



CATEGORY	A	B	C	D	E
S-ILS 3 *	885-½ 200 (200-½)				
S-LOC 3 **	1560-½ 875 (900-½)	1560-¾ 875 (900-¾)	1560-2 875 (900-2)	1560-2¼ 875 (900-2¼)	1560-2½ 875 (900-2½)
*** CIRCLING	1560-1 870 (900-1)	1560-1¼ 870 (900-1¼)	1560-2½ 870 (900-2½)	1560-2¾ 870 (900-2¾)	1560-3 870 (900-3)
DME MINIMUMS					
S-LOC 3 †	1080-½ 395 (400-½)		1080-¾ 395 (400-¾)		1080-1 395 (400-1)
*** CIRCLING	1180-1 490 (500-1)		1180-1½ 490 (500-1½)	1240-2 550 (600-2)	1520-3 830 (900-3)

FAF to MAP 6.9 NM

Knots	60	90	120	150	180
Min:Sec	6:54	4:36	3:27	2:46	2:18

FORT DRUM, NEW YORK 44°03′N-75°43′W WHEELER-SACK AAF (KGTB)

Amdt 2A 12DEC13

ILS or LOC RWY 3

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

16315

FORT DRUM, NEW YORK

ILS or LOC RWY 21

LOC/DME I-GTB 108.5 Chan 22	APCH CRS 209°	Rwy ldg 10,000 TDZE 677 Arpt Elev 690

AL-5754 [USA]

WHEELER-SACK AAF (KGTB)

T * When ALS inop, increase CAT ABCDE vis to ¾ mile.
** When ALS inop, increase CAT ABC vis to 1 mile, CAT DE vis to 1¼ miles.

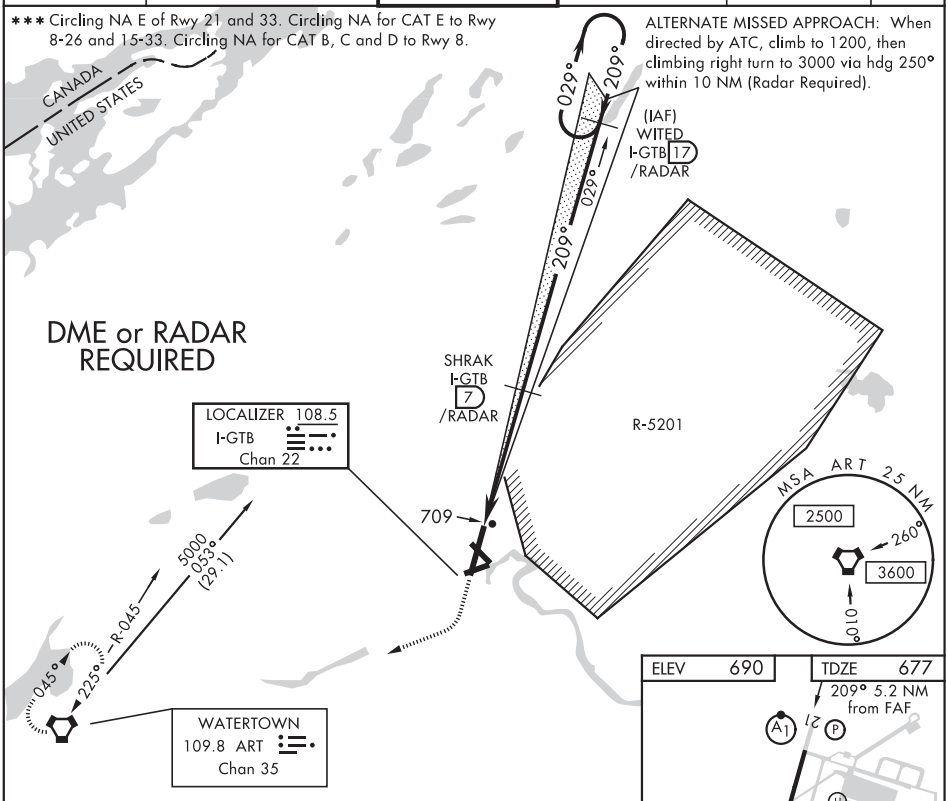
ALSF-1 A1

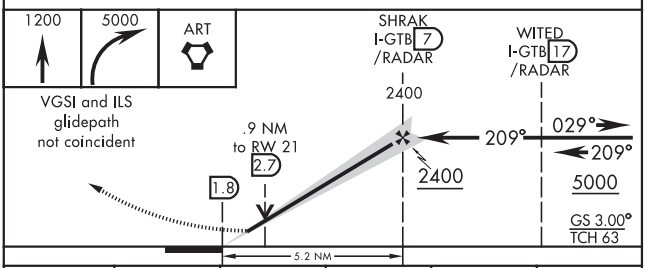
MISSED APPROACH: Climb to 1200, then climbing right turn to 5000 direct ART VORTAC and hold. Continue climb-in-hold to 5000.

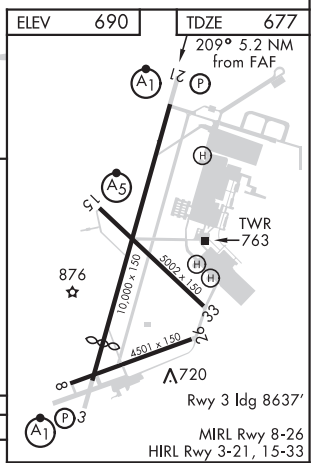
ATIS	WHEELER-SACK APP CON	WHEELER-SACK TOWER	GND CON	CLNC DEL	ASR/PAR
119.525	124.875 257.6	118.75 290.25	121.9 229.8	121.9	

*** Circling NA E of Rwy 21 and 33. Circling NA for CAT E to Rwy 8-26 and 15-33. Circling NA for CAT B, C and D to Rwy 8.

ALTERNATE MISSED APPROACH: When directed by ATC, climb to 1200, then climbing right turn to 3000 via hdg 250° within 10 NM (Radar Required).







CATEGORY	A	B	C	D	E
S-ILS 21*	877-½ 200 (200-½)				
S-LOC 21**	1020-½ 343 (400-½)		1020-¾ 343 (400-¾)		
CIRCLING***	1180-1 490 (500-1)		1180-1½ 490 (500-1½)	1240-2 550 (600-2)	1520-3 830 (900-3)

FAF to MAP 5.2 NM					
Knots	120	140	160	180	200
Min:Sec	2:36	2:14	1:57	1:44	1:34

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

FORT DRUM, NEW YORK
Amdt 2A 12DEC13

44°03'N-75°43'W

WHEELER-SACK AAF (KGTB)

ILS or LOC RWY 21

FORT DRUM, NEW YORK

RNAV (GPS) RWY 3

WAAS CH **93714** **W03A**	APCH CRS **029°**	Rwy ldg **8637** TDZE **685** Arpt Elev **690**

AL-5754 (USA)

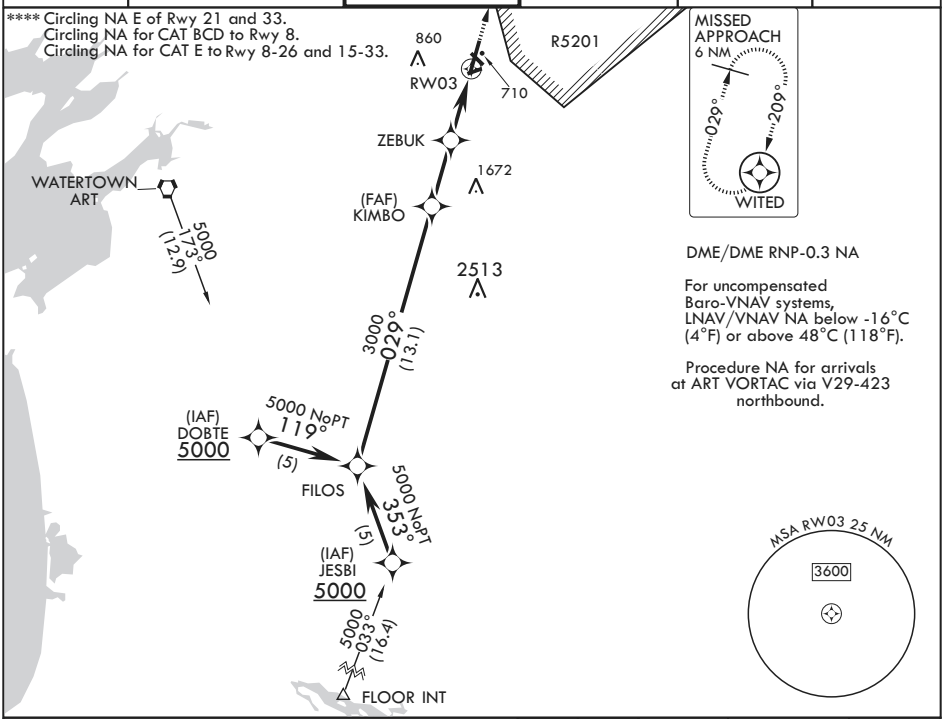
WHEELER SACK AAF (KGTB)

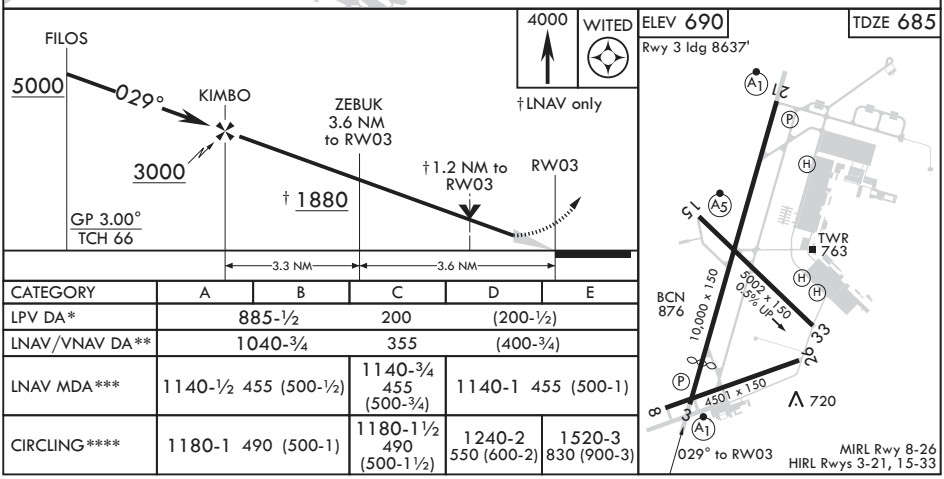
* When ALS inop, increase CAT ABCDE vis to 3/4 mile.
** When ALS inop, increase CAT ABCDE vis to 1 1/4 miles.
*** When ALS inop, increase CAT AB vis to 1 mile, CAT C vis to 1 1/4 miles, CAT DE vis to 1 1/2 miles.

ALSF-1

MISSED APPROACH: Climb to 4000 direct WITED and hold.

ATIS	APP CON/DEP CON	TOWER	GND CON	CLNC DEL	ASR/PAR
119.525	**124.875 257.6**	**118.75 290.25**	**121.9 229.8**	**121.9**	





CATEGORY	A	B	C	D	E
LPV DA*	885-½		200	(200-½)	
LNAV/VNAV DA**	1040-¾		355	(400-¾)	
LNAV MDA***	1140-½ 455 (500-½)		1140-¾ 455 (500-¾)	1140-1 455 (500-1)	
CIRCLING****	1180-1 490 (500-1)		1180-1½ 490 (500-1½)	1240-2 550 (600-2)	1520-3 830 (900-3)

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

17117

FORT DRUM, NEW YORK

RNAV (GPS) RWY 15

WHEELER SACK AAF (KGTB)

AL-5754 (USA)

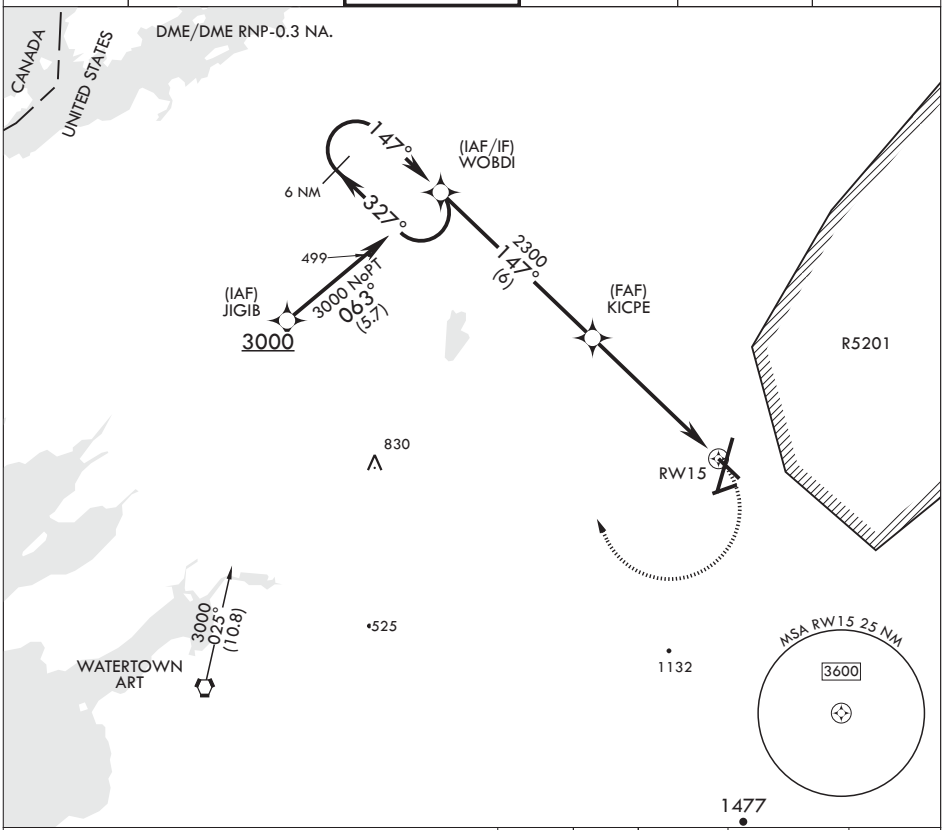
APCH CRS	Rwy ldg	5002
147°	TDZE	687
	Arpt Elev	690

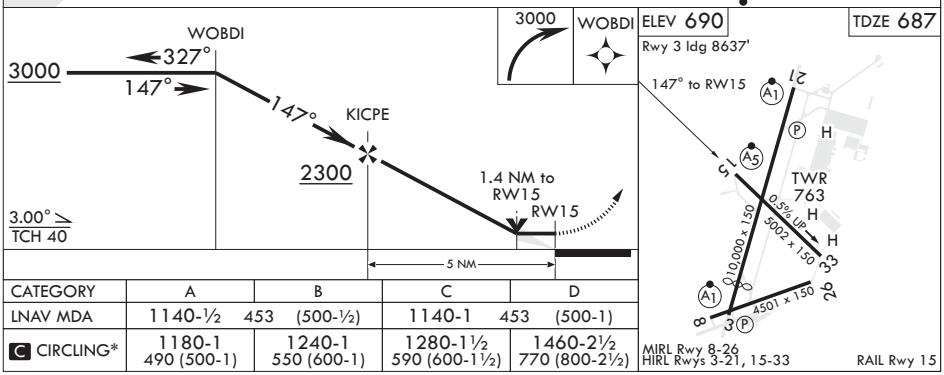
* Circling NA E of Rwys 21 and 33. Circling NA for CAT BCD to Rwy 08.

MALSR

MISSED APPROACH: Climbing right turn to 3000 direct WOBDI and hold.

ATIS	APP CON/DEP CON	TOWER	GND CON	CLNC DEL	ASR/PAR
119.525	124.875 257.6	118.75 290.25	121.9 229.8	121.9	





CATEGORY	A	B	C	D
LNAV MDA	1140-½ 453 (500-½)		1140-1 453 (500-1)	
C CIRCLING*	1180-1 490 (500-1)	1240-1 550 (600-1)	1280-1½ 590 (600-1½)	1460-2½ 770 (800-2½)

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

FORT DRUM, NEW YORK

RNAV (GPS) RWY 21

WAAS CH 63007 W21A	APCH CRS 209°	Rwy ldg 10,000 TDZE 677 Arpt Elev 690

AL-5754 (USA)

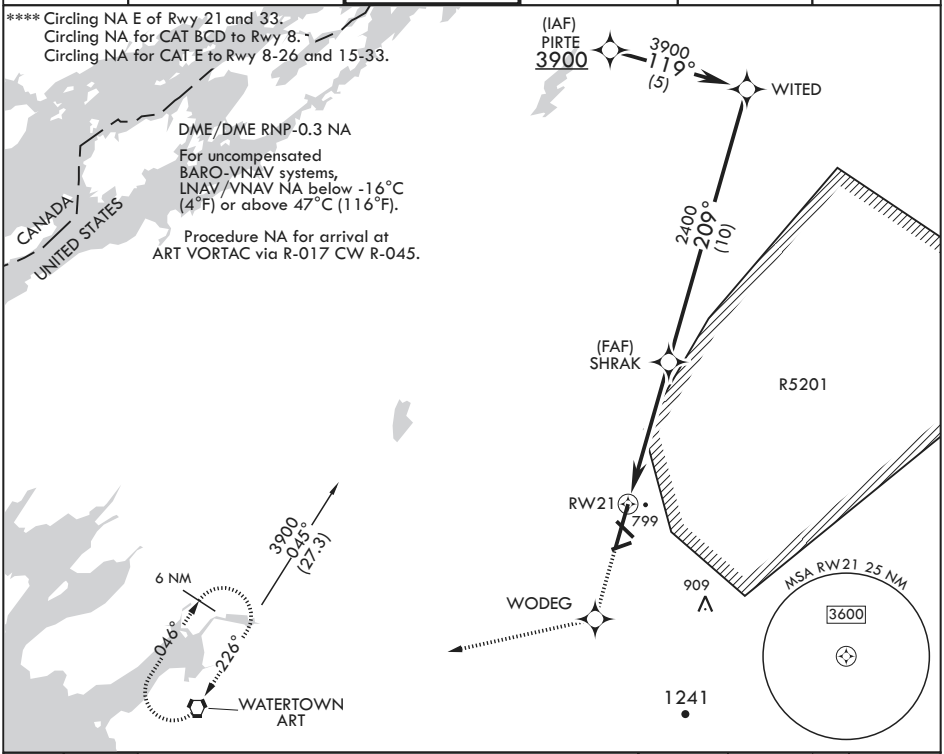
WHEELER SACK AAF (KGTB)

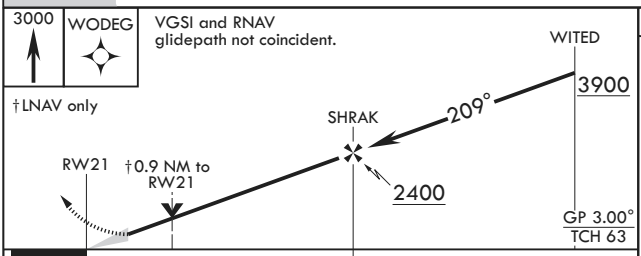
* When ALS inop, increase CAT ABCDE vis to 3/4 mile.
** When ALS inop, increase CAT ABCDE vis to 1 1/4 miles.
*** When ALS inop, increase CAT ABC vis to 1 mile, CAT DE vis to 1 1/4 miles.

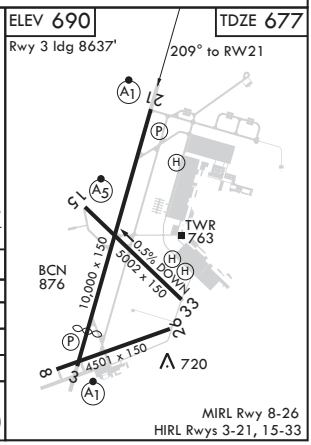
ALSF-1

MISSED APPROACH: Climb to 3000 direct WODEG and via 270° track to ART VORTAC and hold.

ATIS	APP CON/DEP CON	TOWER	GND CON	CLNC DEL	ASR/PAR
119.525	124.875 257.6	118.75 290.25	121.9 229.8	121.9	







CATEGORY	A	B	C	D	E
LPV DA*	877-½		200	(200-½)	
LNAV/VNAV DA**	1056-¾		379	(400-¾)	
LNAV MDA***	1020-½	343 (400-½)	1020-¾	343	(400-¾)
CIRCLING****	1180-1	490 (500-1)	1180-1½ 490 (500-1½)	1240-2 550 (600-2)	1520-3 830 (900-3)

FORT DRUM, NEW YORK

44°03'N - 75°43'W

WHEELER SACK AAF (KGTB)

Amdt 1A 12DEC13

RNAV (GPS) RWY 21

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

17117

FORT DRUM, NEW YORK

RNAV (GPS) RWY 33

APCH CRS 327°	Rwy ldg 5002 TDZE 690 Arpt Elev 690

AL-5754 (USA)

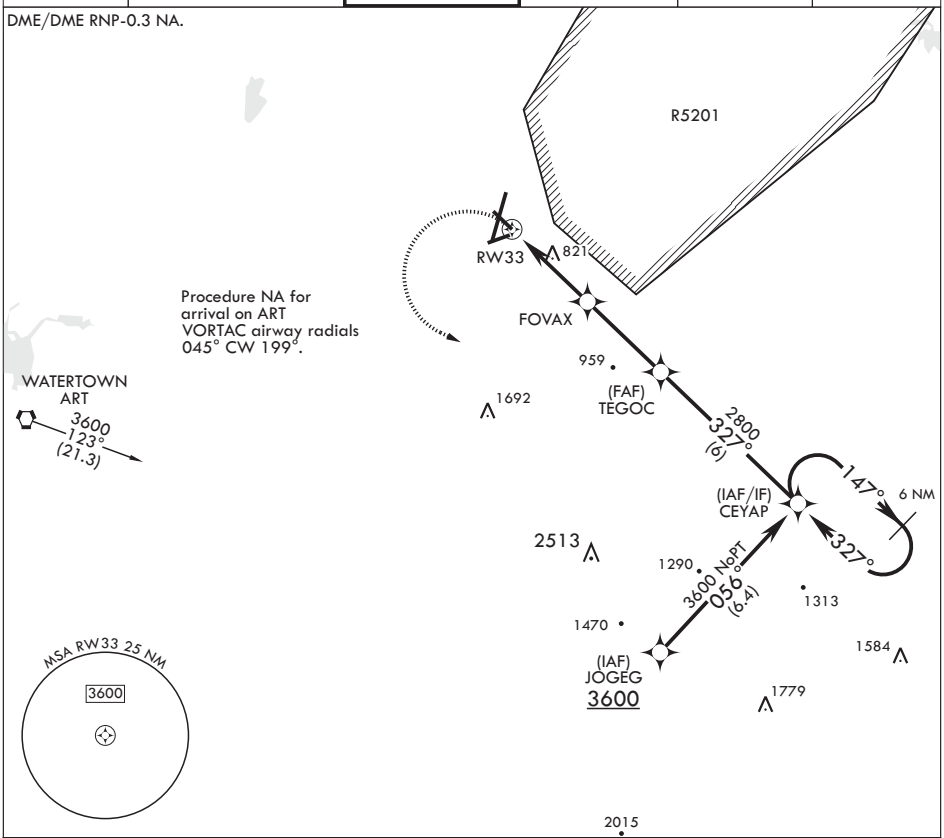
WHEELER SACK AAF (KGTB)

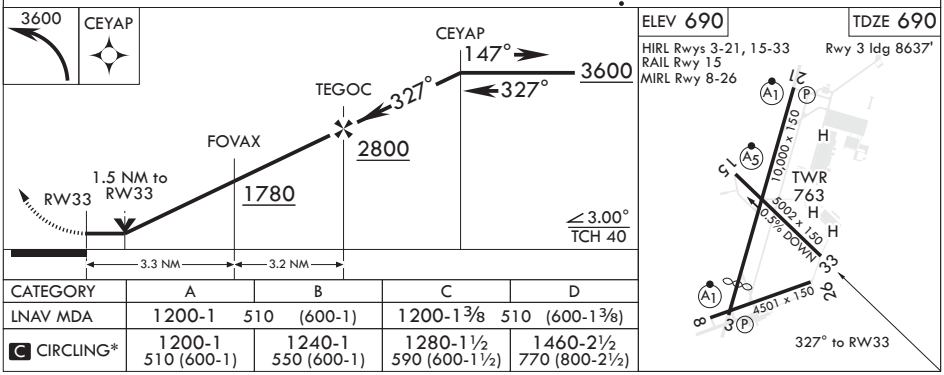
* Circling NA for CATS B,C, and D to Rwy 08. Circling NA E of RWY 21-33.

MISSED APPROACH: Climbing left turn to 3600 direct CEYAP and hold.

ATIS	APP CON/DEP CON	TOWER	GND CON	CLNC DEL	ASR/PAR
119.525	124.875 257.6	118.75 290.25	121.9 229.8	121.9	

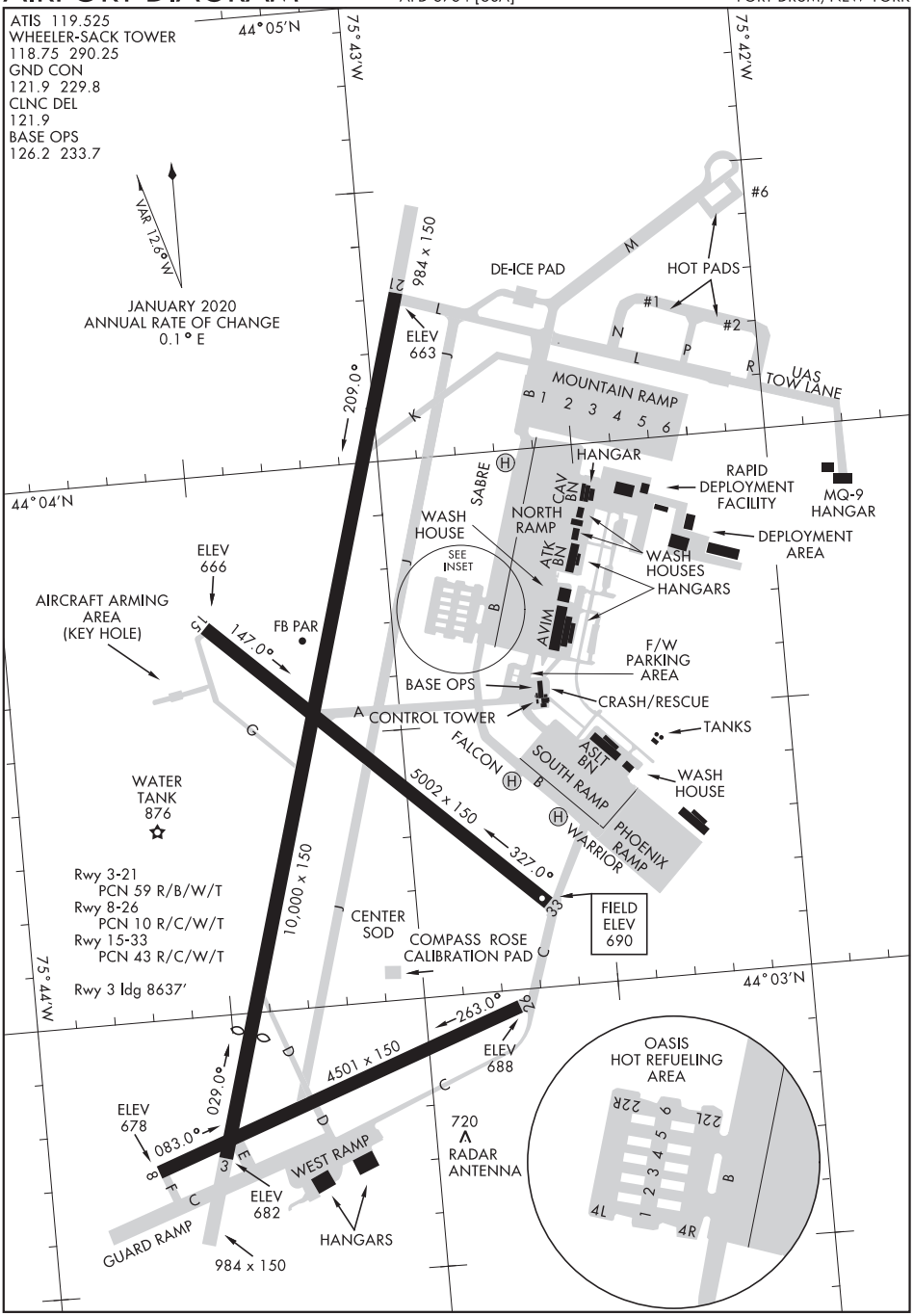
DME/DME RNP-0.3 NA.





CATEGORY	A	B	C	D
LNAV MDA	1200-1 510 (600-1)		1200-1⅜ 510 (600-1⅜)	
C CIRCLING*	1200-1 510 (600-1)	1240-1 550 (600-1)	1280-1½ 590 (600-1½)	1460-2½ 770 (800-2½)

NE-2, 10 SEP 2020 to 05 NOV 2020



NE-2, 10 SEP 2020 to 05 NOV 2020

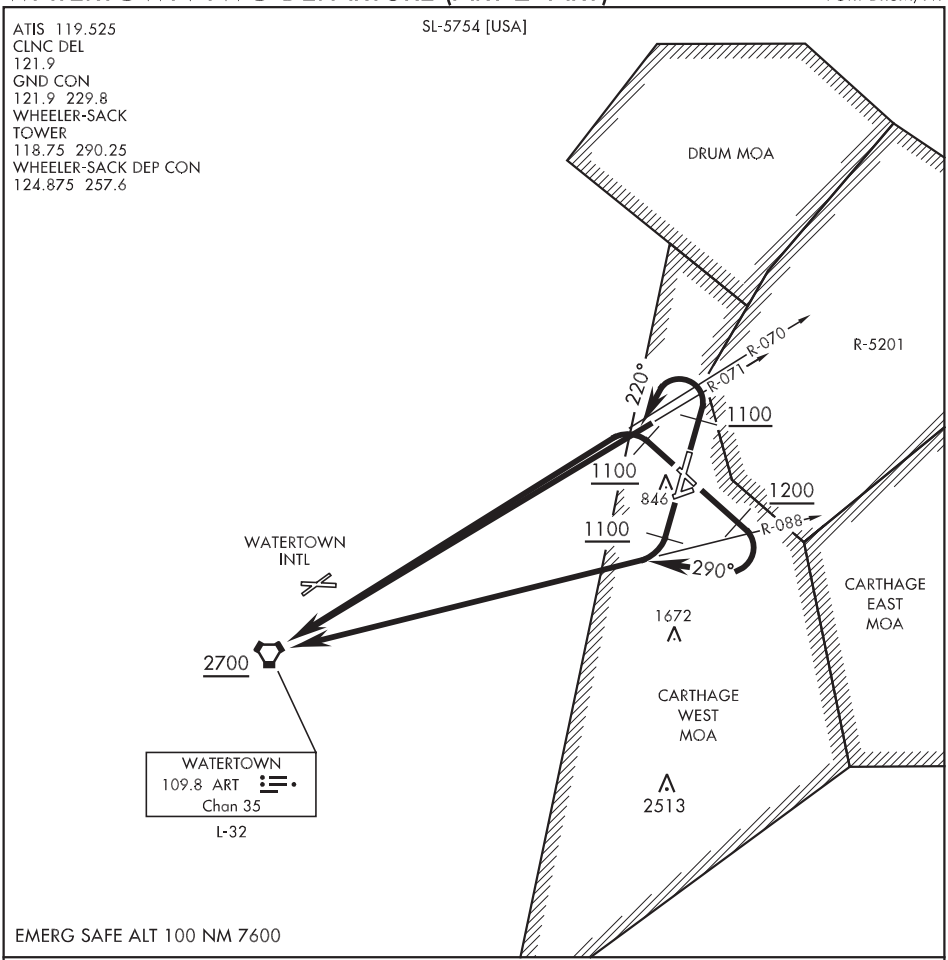
NE-2, 10 SEP 2020 to 05 NOV 2020

13290

WHEELER-SACK AAF (KGTB)

WATERTOWN-TWO DEPARTURE (ART 2•ART)

FORT DRUM, NY



NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

DEPARTURE ROUTE DESCRIPTION

TAKE-OFF RWY 15: Climb via heading 147° to 1200, then climbing right turn to 2700 via heading 290° and ART R-088 to ART VORTAC, thence...

TAKE-OFF RWY 21: Climb via heading 209° to 1100, then climbing right turn to 2700 via ART R-088 to ART VORTAC, thence...

TAKE-OFF RWY 03: Climb via heading 029° to 1100, then climbing left turn to 2700 via heading 220° and ART R-071 to ART VORTAC, thence...

TAKE-OFF RWY 33: Climb via heading 327° to 1100, then climbing left turn to 2700 via ART R-070 to ART VORTAC, thence...

... Cross ART VORTAC at or above 2700 via assigned route.

WATERTOWN-TWO DEPARTURE (ART 2•ART)

FORT DRUM, NY

WHEELER-SACK AAF (KGTB)

LOC/DME I-HPN	APP CRS	Rwy ldg 6549
109.7	163°	TDZE 439
Chan 34		Apt Elev 439

ILS or LOC RWY 16
WESTCHESTER COUNTY (HPN)

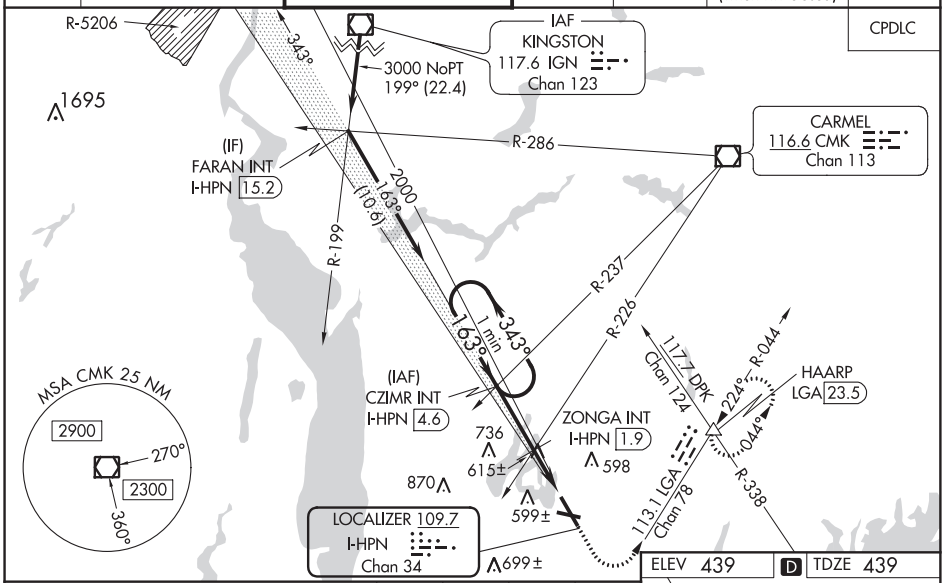
Circling Rwy 11, 29 NA at night.
For inop ALS, increase S-LOC 16 Cats C/D visibility to 1⅞ SM and ZONGA FIX minimums S-LOC 16 Cats C/D visibility to 1⅜ SM.

MALSR

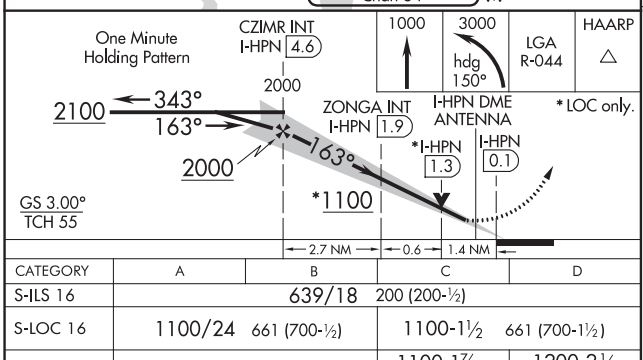
MISSED APPROACH: Climb to 1000 then climbing left turn to 3000 on heading 150° and LGA VOR/DME R-044 to HAARP INT/LGA 23.5 DME and hold, continue climb-in-hold to 3000.

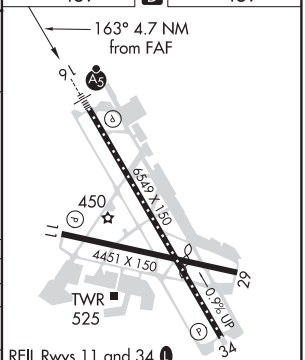
D-ATIS	NEW YORK APP CON	WESTCHESTER TOWER ★	GND CON	CLNC DEL	CLNC DEL (when twr closed)	UNICOM
133.8	120.8 126.4 257.65	118.575 (CTAF) L 284.65	121.825	127.25	126.4	122.95

CPDLC



ELEV 439 | D | TDZE 439





REIL Rwys 11 and 34 L
HIRL Rwy 16-34 L
MIRL Rwy 11-29 L
TDZ/CL Rwy 16 L

CATEGORY	A	B	C	D
S-ILS 16	639/18 200 (200-½)			
S-LOC 16	1100/24 661 (700-½)		1100-1½ 661 (700-1½)	
C CIRCLING	1100-1 661 (700-1)		1100-1⅞ 661 (700-1⅞)	1200-2½ 761 (800-2½)
ZONGA FIX MINIMUMS (DUAL VOR RECEIVERS OR DME REQUIRED)				
S-LOC 16	940/24 501 (600-½)		940/55 501 (600-1)	
C CIRCLING	980-1 541 (600-1)		1080-1¾ 641 (700-1¾)	1200-2½ 761 (800-2½)

FAF to MAP 4.7 NM					
Knots	60	90	120	150	180
Min:Sec	4:42	3:08	2:21	1:53	1:34

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

WHITE PLAINS, NEW YORK — AL-651 (FAA) — 20086

ILS or LOC RWY 34
WESTCHESTER COUNTY (HPN)

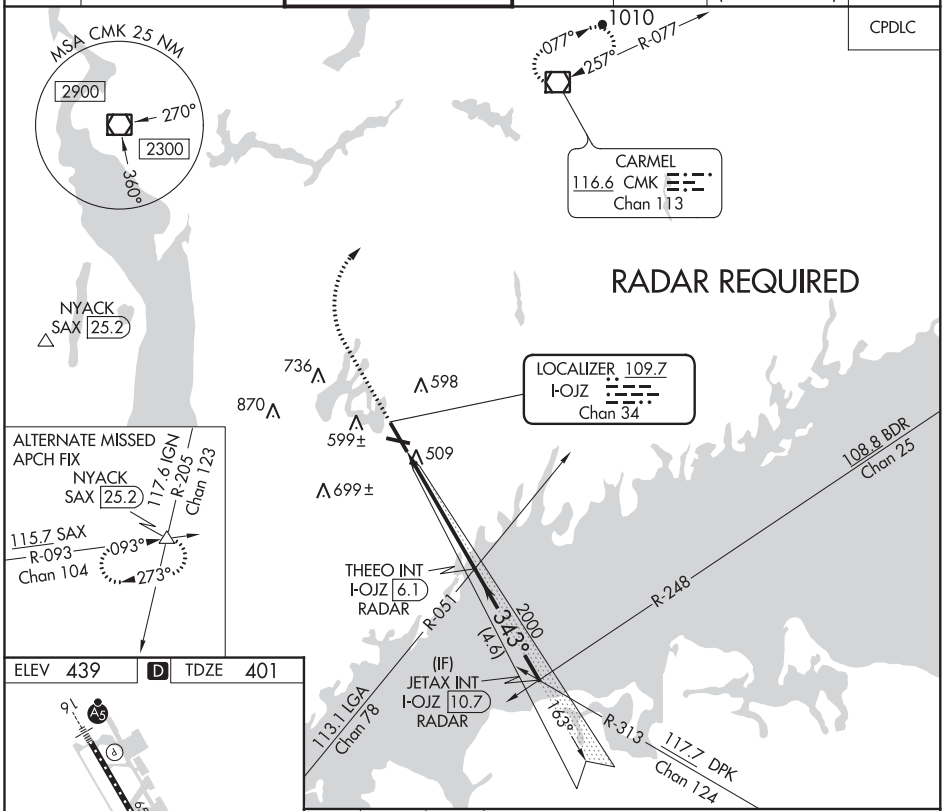
LOC/DME I-OJZ	APP CRS	Rwy ldg 6549
109.7	343°	TDZE 401
Chan 34		Apt Elev 439

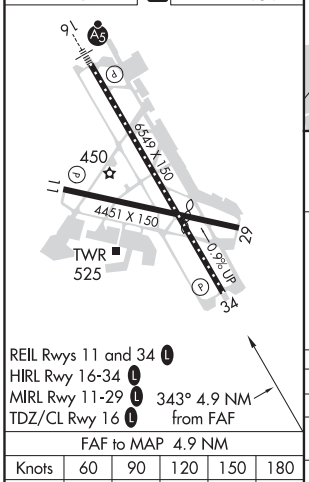
Circling Rwy 11, 29 NA at night.
Rwy 34 helicopter visibility reduction below ¾ SM NA.

MISSED APPROACH: Climb to 1100 then climbing right turn to 2300 direct CMK VOR/DME and hold.

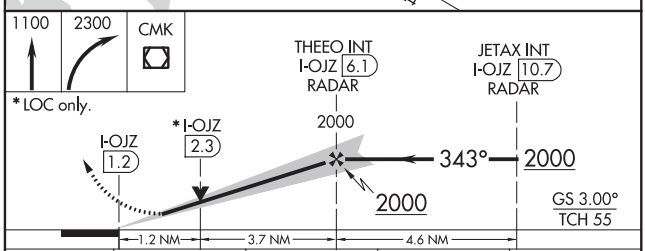
D-ATIS	NEW YORK APP CON	WESTCHESTER TOWER ★	GND CON	CLNC DEL	CLNC DEL (when twr closed)	UNICOM
133.8	120.8 126.4 257.65	118.575 (CTAF) L 284.65	121.825	127.25	126.4	122.95

CPDLC





FAF to MAP 4.9 NM					
Knots	60	90	120	150	180
Min:Sec	4:54	3:16	2:27	1:58	1:38



CATEGORY	A	B	C	D
S-ILS 34	742/60	341 (400-1¼)		
S-LOC 34	800/55	399 (400-1)	800/60	399 (400-1¼)
C CIRCLING	980-1	541 (600-1)	1080-1¾ 641 (700-1¾)	1200-2½ 761 (800-2½)

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

LOC/DME I-HPN	APP CRS	Rwy ldg 6549
109.7	163°	TDZE 439
Chan 34		Apt Elev 439

ILS RWY 16 (SA CAT I & II)
WESTCHESTER COUNTY (HPN)

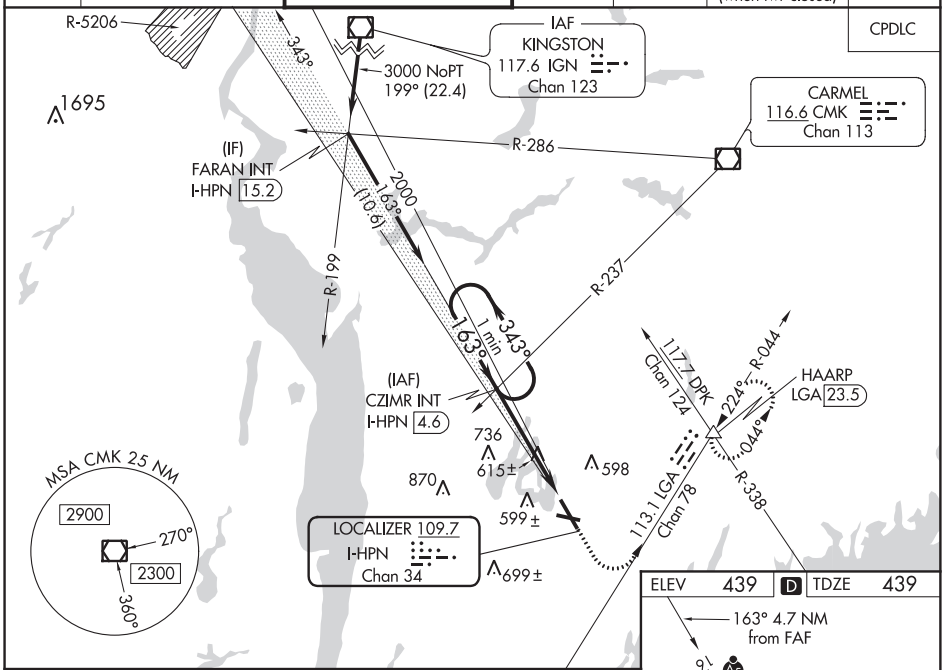
SA CAT I: Requires specific OPSPEC, MSPEC, or LOA approval and use of HUD to DH.
SA CAT II: Reduced lighting; Requires specific OPSPEC, MSPEC, or LOA approval and use of autoland or HUD to touchdown.
Procedure NA when tower closed.

MALSR

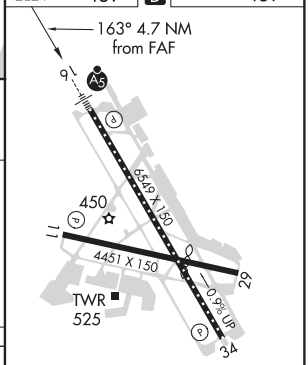
MISSED APPROACH: Climb to 1000 then climbing left turn to 3000 on heading 150° and LGA VOR/DME R-044 to HAARP INT/ LGA 23.5 DME and hold, continue climb-in-hold to 3000.

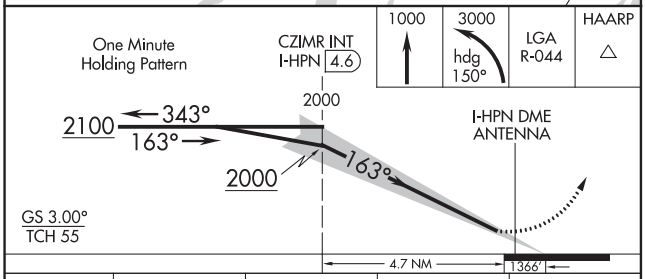
D-ATIS	NEW YORK APP CON	WESTCHESTER TOWER ★	GND CON	CLNC DEL	CLNC DEL	UNICOM
133.8	120.8 126.4 257.65	118.575 (CTAF) L 284.65	121.825	127.25	126.4 (when twr closed)	122.95

CPDLC



ELEV	439	D	TDZE	439





CATEGORY	A	B	C	D
S-ILS 16	SA CAT I RA 198/14 150 DA 589			
S-ILS 16	SA CAT II RA 113/12 100 DA 539			

SA CATEGORY I & II SPECIAL AIRCREW & AIRCRAFT CERTIFICATION REQUIRED

REIL Rwys 11 and 34 L
HIRL Rwy 16-34 L
MIRL Rwy 11-29 L
TDZ/CL Rwy 16 L

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

WHITE PLAINS, NEW YORK — AL-651 (FAA) — 19339

RNAV (RNP) Z RWY 16
WESTCHESTER COUNTY (HPN)

APP CRS	Rwy ldg	6549
163°	TDZE	439
	Apt Elev	439

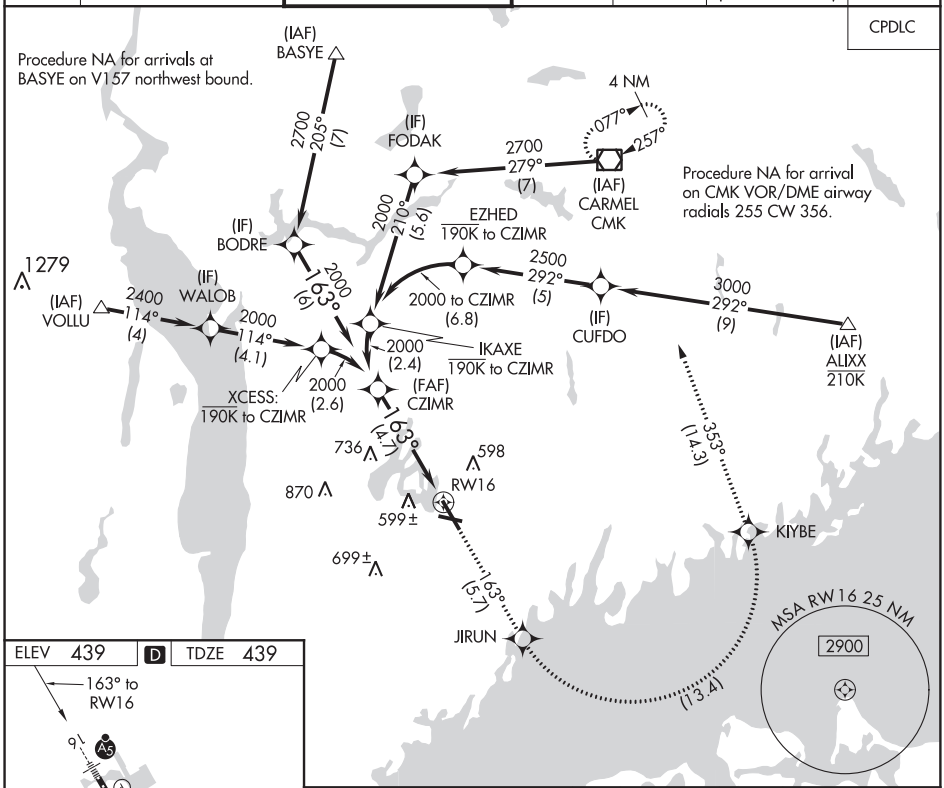
For uncompensated Baro-VNAV systems, procedure NA below -14C (7°F) or above 54°C (130°F). RF required. GPS required.

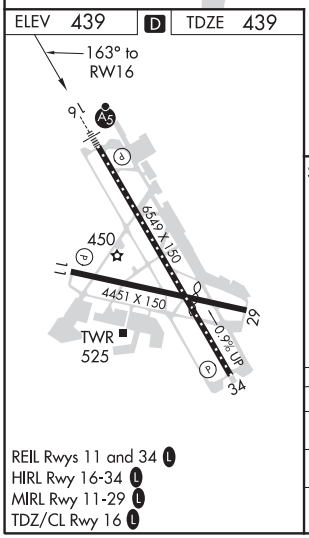
MALSR

MISSED APPROACH: Climb to 3000 on track 163° to JIRUN, left turn to KIYBE, then track 353° to CMK VOR/DME and hold.

D-ATIS	NEW YORK APP CON	WESTCHESTER TOWER ★	GND CON	CLNC DEL	CLNC DEL (when twr closed)	UNICOM
133.8	120.8 126.4 257.65	118.575 (CTAF) L 284.65	121.825	127.25	126.4	122.95

CPDLC

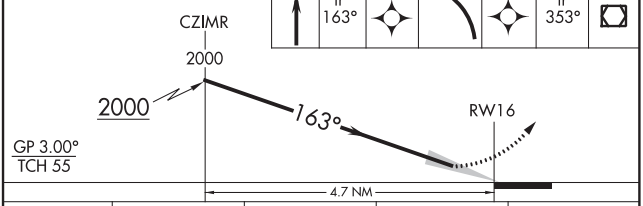




REIL Rwys 11 and 34 L
HIRL Rwy 16-34 L
MIRL Rwy 11-29 L
TDZ/CL Rwy 16 L

See planview for multiple IF locations.

3000	tr 163°	JIRUN		KIYBE	tr 353°	CMK



CATEGORY	A	B	C	D
RNP 0.15 DA	810/40		371 (400-¾)	
RNP 0.30 DA	950-1¼		511 (600-1¼)	

AUTHORIZATION REQUIRED

WHITE PLAINS, NEW YORK — WESTCHESTER COUNTY (HPN)
Orig-C 07DEC17 — 41°04'N-73°42'W — RNAV (RNP) Z RWY 16

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

RNAV (RNP) Z RWY 34
WESTCHESTER COUNTY (HPN)

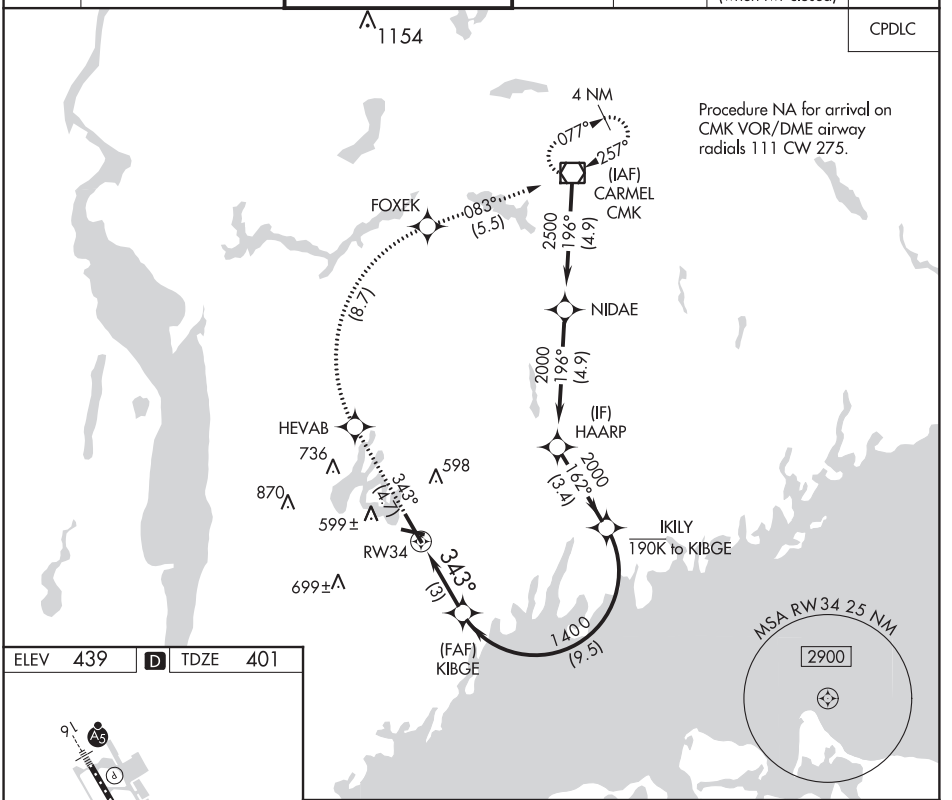
APP CRS	Rwy ldg	6549
343°	TDZE	401
	Apt Elev	439

For uncompensated Baro-VNAV systems, procedure NA below -14°C (7°F) or above 54°C (130°F). RF required. GPS required.

MISSED APPROACH: Climb to 3000 on track 343° to HEVAB, right turn to FOXEK, then on track 083° to CMK VOR/DME and hold.

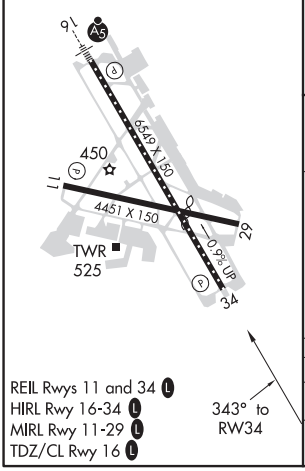
D-ATIS	NEW YORK APP CON	WESTCHESTER TOWER ★	GND CON	CLNC DEL	CLNC DEL	UNICOM
133.8	120.8 126.4 257.65	118.575 (CTAF) L 284.65	121.825	127.25	126.4 (when twr closed)	122.95

CPDLC

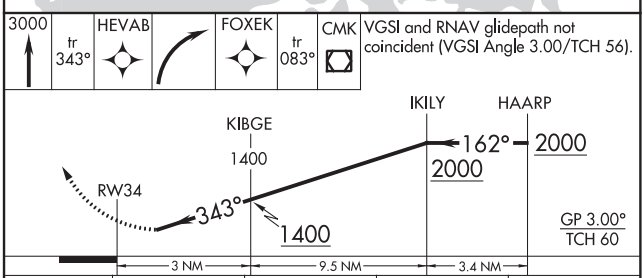


Procedure NA for arrival on CMK VOR/DME airway radials 111 CW 275.

ELEV 439 D TDZE 401



REIL Rwys 11 and 34 L
HIRL Rwy 16-34 L
MIRL Rwy 11-29 L
TDZ/CL Rwy 16 L



VGSI and RNAV glidepath not coincident (VGSI Angle 3.00/TCH 56).

CATEGORY	A	B	C	D
RNP 0.30 DA	788-1⅜ 387 (400-1⅜)			

AUTHORIZATION REQUIRED

NE-2, 10 SEP 2020 to 05 NOV 2020

WHITE PLAINS, NEW YORK
Orig-C 07DEC17
41°04'N-73°42'W
561
WESTCHESTER COUNTY (HPN)
RNAV (RNP) Z RWY 34

WHITE PLAINS, NEW YORK — AL-651 (FAA) — 19339

RNAV (GPS) Y RWY 16
WESTCHESTER COUNTY (HPN)

WAAS CH 69519 W16A	APP CRS 163°	Rwy ldg 6549 TDZE 439 Apt Elev 439

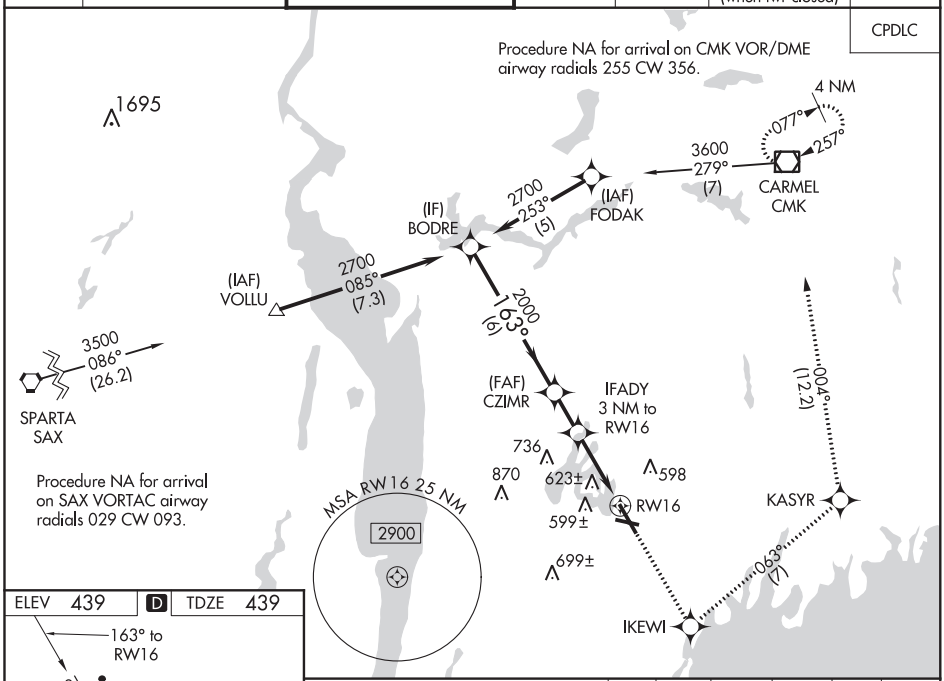
For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -15°C (5°F) or above 54°C (130°F).
Circling Rwy 11, 29 NA at night.
DME/DME RNP-0.3 NA.

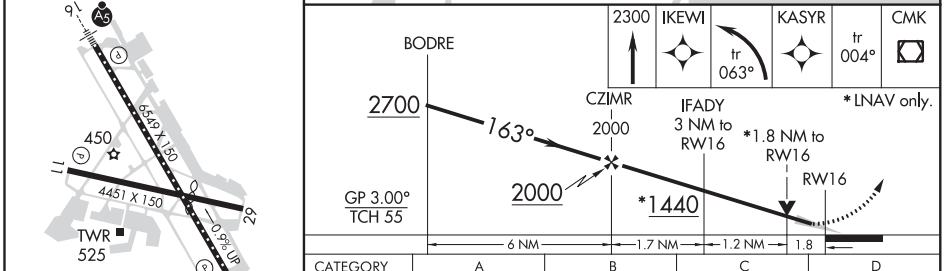
MALSR

MISSED APPROACH: Climb to 2300 direct IKEWI and left turn on track 063° to KASYR and on track 004° to CMK VOR/DME and hold.

D-ATIS	NEW YORK APP CON	WESTCHESTER TOWER ★	GND CON	CLNC DEL	CLNC DEL (when twr closed)	UNICOM
133.8	120.8 126.4 257.65	118.575 (CTAF) L 284.65	121.825	127.25	126.4	122.95

CPDLC





CATEGORY	A	B	C	D
LPV DA	689/24 250 (300-½)			
LNAV/VNAV DA	978-1½ 539 (600-1½)			
LNAV MDA	1060/24 621 (700-½)		1060/60 621 (700-1¼)	1060-1½ 621 (700-1½)
C CIRCLING	1060-1 621 (700-1)		1080-1¾ 641 (700-1¾)	1200-2½ 761 (800-2½)

REIL Rwys 11 and 34 L
HIRL Rwy 16-34 L
MIRL Rwy 11-29 L
TDZ/CL Rwy 16 L

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

WAAS CH 99410 W34A	APP CRS 343°	Rwy ldg 6549 TDZE 401 Apt Elev 439

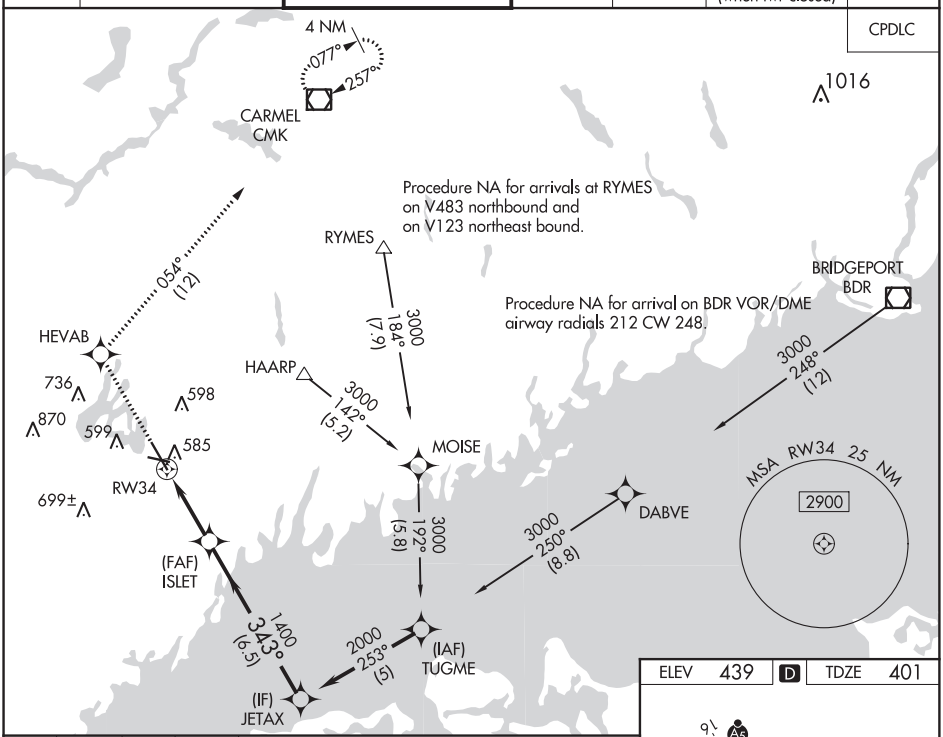
RNAV (GPS) Y RWY 34
WESTCHESTER COUNTY (HPN)

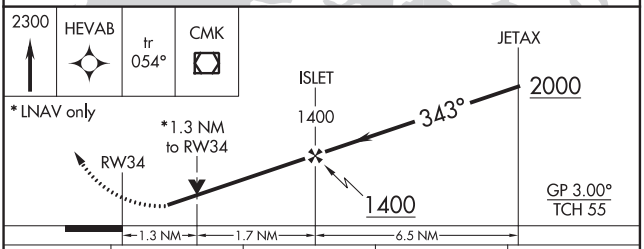
For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -15°C (5°F) or above 54°C (130°F). Circling Rwy 11, 29 NA at night.
Rwy 34 helicopter visibility reduction below ¾ SM NA. DME/DME RNP-0.3 NA.

MISSED APPROACH: Climb to 2300 direct HEVAB and on track 054° to CMK VOR/DME and hold.

D-ATIS	NEW YORK APP CON	WESTCHESTER TOWER ★	GND CON	CLNC DEL	CLNC DEL (when twr closed)	UNICOM
133.8	120.8 126.4 257.65	118.575 (CTAF) L 284.65	121.825	127.25	126.4	122.95

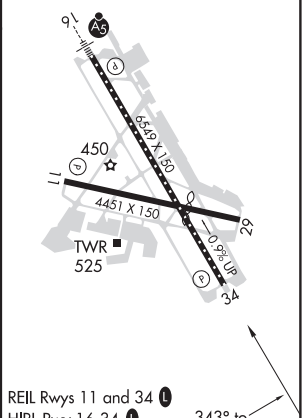
CPDLC





CATEGORY	A	B	C	D
LPV DA	723/60 322 (300-1¼)			
LNAV/VNAV DA	780-1½ 379 (400-1½)			
LNAV MDA	840/50 439 (500-1)	840/60 439 (500-1¼)	840-1½ 439 (500-1½)	
C CIRCLING	980-1 541 (600-1)	1080-1¾ 641 (700-1¾)	1200-2½ 761 (800-2½)	

ELEV 439 D TDZE 401



REIL Rwys 11 and 34 L
HIRL Rwy 16-34 L
MIRL Rwy 11-29 L
TDZ/CL Rwy 16 L

NE-2, 10 SEP 2020 to 05 NOV 2020
NE-2, 10 SEP 2020 to 05 NOV 2020

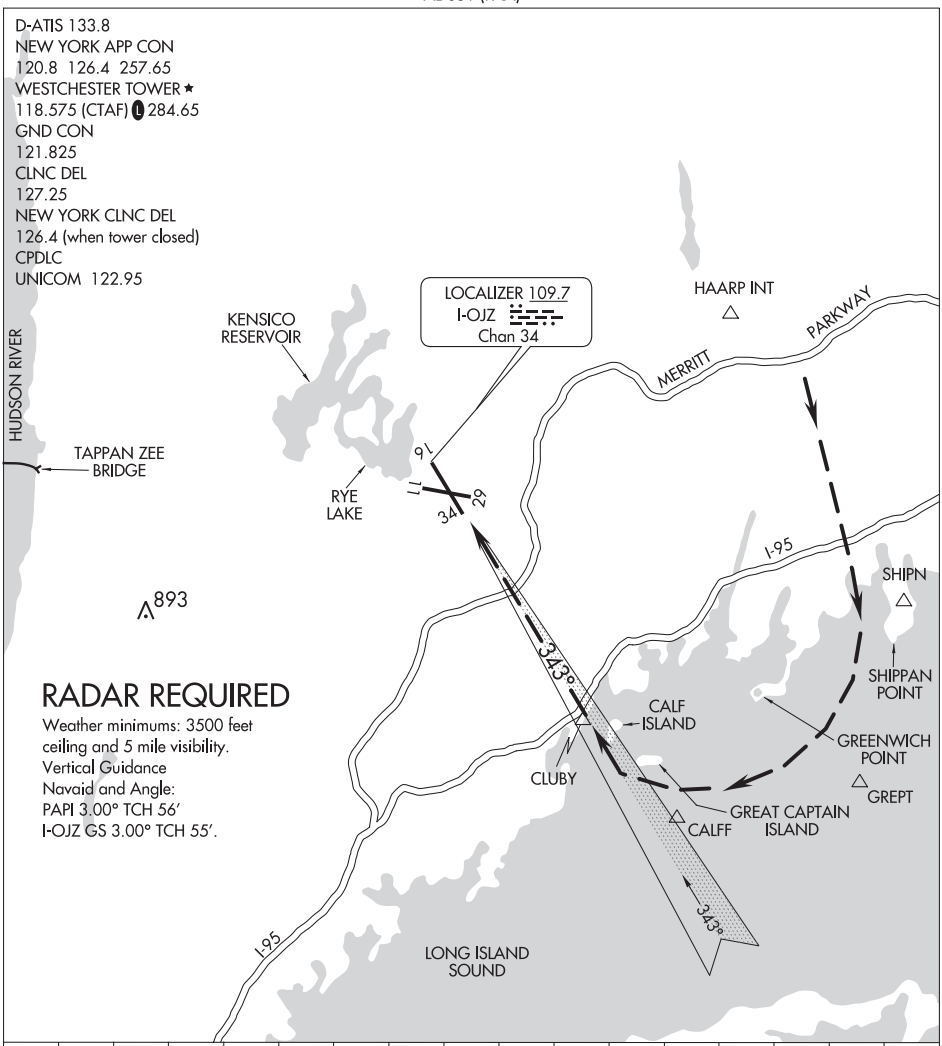
19283

SOUND VISUAL RWY 34

AL-651 (FAA)

WESTCHESTER COUNTY (HPN)
WHITE PLAINS, NEW YORK

D-ATIS 133.8
NEW YORK APP CON
120.8 126.4 257.65
WESTCHESTER TOWER ★
118.575 (CTAF) Ⓛ 284.65
GND CON
121.825
CLNC DEL
127.25
NEW YORK CLNC DEL
126.4 (when tower closed)
CPDLC
UNICOM 122.95



SOUND VISUAL RWY 34

When cleared for a Sound Visual Approach RWY 34, maintain 3000 feet until south of the shoreline on base leg (2000 feet when authorized by ATC).

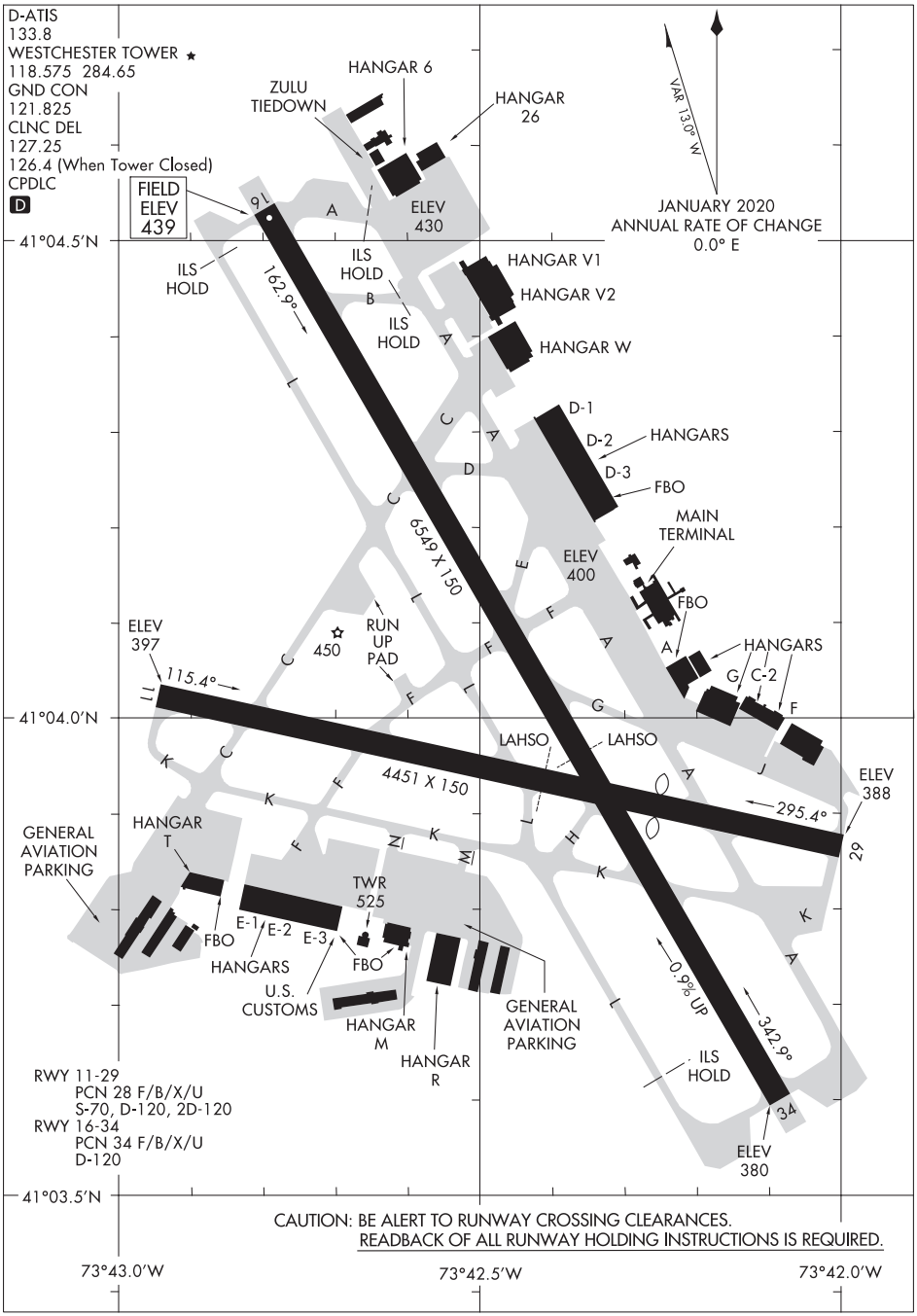
Fly depicted track to remain offshore of Greenwich Point.

NE-2, 10 SEP 2020 to 05 NOV 2020
NE-2, 10 SEP 2020 to 05 NOV 2020

AIRPORT DIAGRAM

AL-651 (FAA)

WESTCHESTER COUNTY (HPN)
WHITE PLAINS, NEW YORK



NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

AIRPORT DIAGRAM

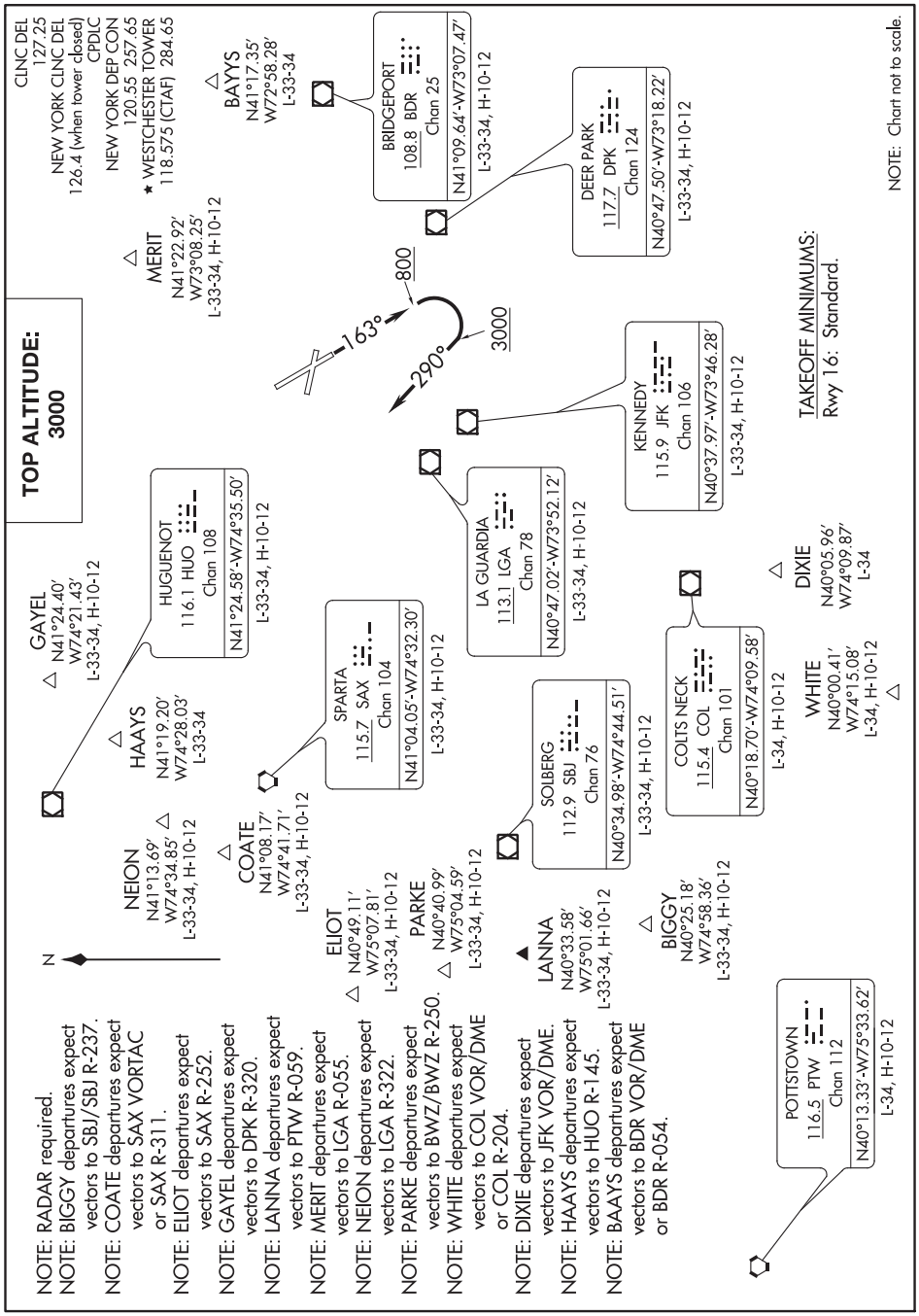
WHITE PLAINS, NEW YORK
WESTCHESTER COUNTY (HPN)

20086

(PROP1.PROP) 20254 AL-651 (FAA) WESTCHESTER COUNTY (HPN)

PROP ONE DEPARTURE

WHITE PLAINS, NEW YORK



NE-2, 10 SEP 2020 to 05 NOV 2020

PROP ONE DEPARTURE

(PROP1.PROP) 22JUN17

WHITE PLAINS, NEW YORK WESTCHESTER COUNTY (HPN)

DEPARTURE ROUTE DESCRIPTION

*TAKEOFF RUNWAY 16: Climb heading 163° to 800, then climbing right turn to 3000 on heading 290°, thence. . . .

. . . . on vectors to assigned route/fix. Maintain 3000. Expect clearance to filed altitude within 10 minutes after departure.

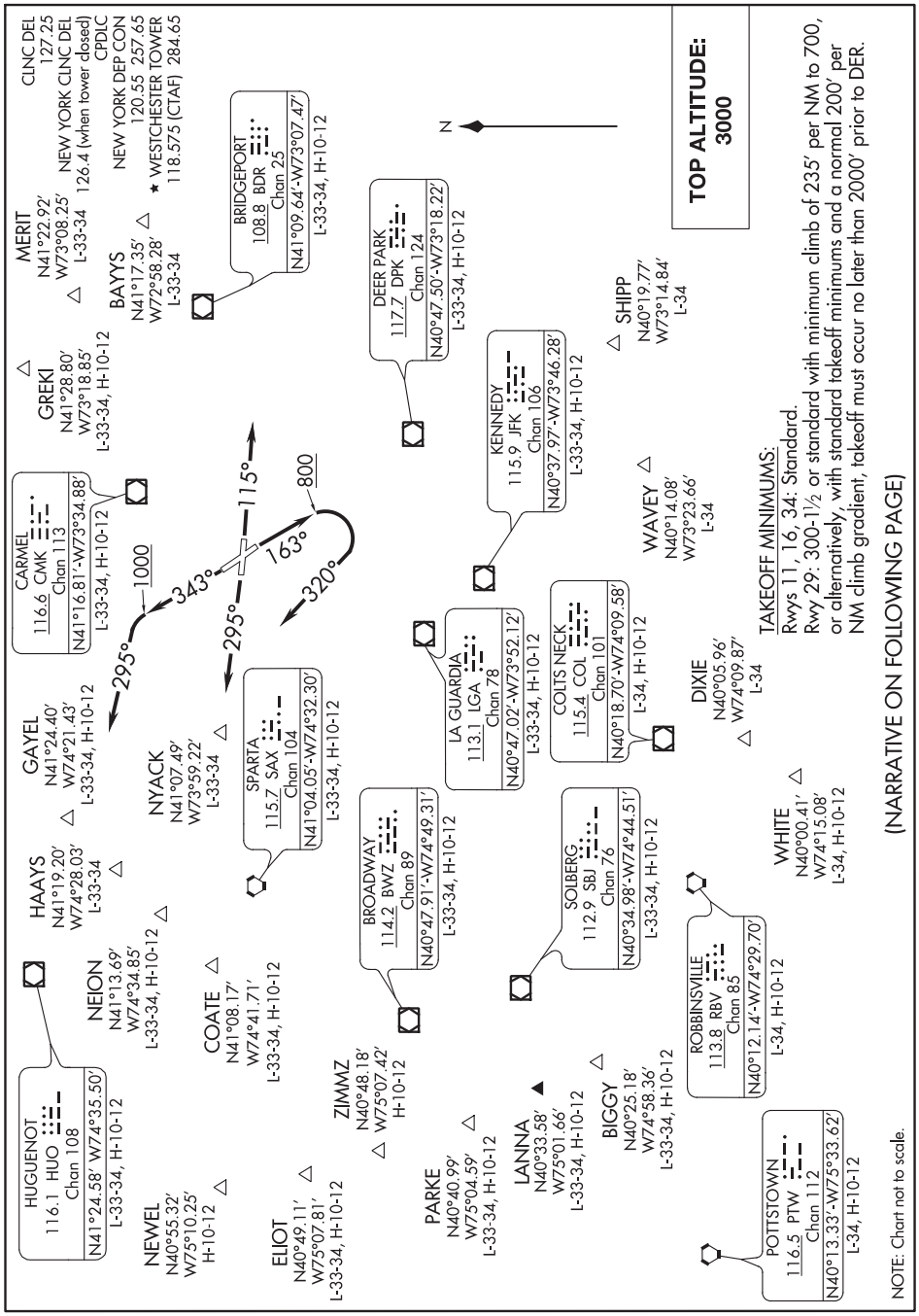
* NOTE: Do not exceed 190K until established on heading 290°.

NE-2, 10 SEP 2020 to 05 NOV 2020

(HPN7.HPN) 20254 AL-651 (FAA)

WESTCHESTER SEVEN DEPARTURE

WESTCHESTER COUNTY (HPN)
WHITE PLAINS, NEW YORK



NE-2, 10 SEP 2020 to 05 NOV 2020

WESTCHESTER SEVEN DEPARTURE

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RWY 11: Climb heading 115°, maintain 3000. Thence. . . .
TAKEOFF RWY 29: Climb heading 295°, maintain 3000. Thence. . . .
*TAKEOFF RWY 16: Climb heading 163° to 800, then climbing right turn heading 320°, maintain 3000. Thence. . . .
TAKEOFF RWY 34: Climb heading 343° to 1000, then climbing left turn heading 295°, maintain 3000. Thence. . . .

. . . .on vectors to assigned route/fix. Expect clearance to filed altitude/flight level ten (10) minutes after departure.

*NOTE: Do not exceed 190K until established on heading 320°.

NOTE: RADAR required.
NOTE: BAYYS departures expect vectors to BDR VOR/DME or BDR R-054.
NOTE: BIGGY departures expect vectors to SBJ/SBJ R-237.
NOTE: COATE departures expect vectors to SAX VORTAC or SAX R-311.
NOTE: DIXIE departures expect vectors to JFK VOR/DME.
NOTE: ELIOT departures expect vectors to SAX R-252. ELIOT may be accessed by all type aircraft requesting a final altitude of 14000 to 16000.
NOTE: GAYEL departures expect vectors to DPK R-320.
NOTE: GREKI departures expect vectors to CMK R-057.
NOTE: HAAYS departures expect vectors to HUO R-145.
NOTE: LANNA departures expect vectors to PTW R-059.
NOTE: MERIT departures expect vectors to LGA R-055.
NOTE: NEION departures expect vectors to LGA R-322.
NOTE: NEWEL departures expect vectors to SAX R-264. NEWEL may be accessed by turbojet aircraft only requesting a final altitude at or above FL180.
NOTE: PARKE departures expect vectors to BWZ/BWZ R-250.
NOTE: SHIPP departures expect vectors to JFK/JFK R-139.
NOTE: WAVEY departures expect vectors to JFK/JFK R-156.
NOTE: WHITE departures expect vectors to COL VOR/DME or COL R-204.
NOTE: ZIMMZ departures expect vectors to SAX R-250. ZIMMZ may be accessed by all type aircraft requesting a final altitude at or above FL180.

WILDWOOD, NEW JERSEY | AL-476 (FAA) | 19171

RNAV (GPS) RWY 1

CAPE MAY COUNTY (WWD)

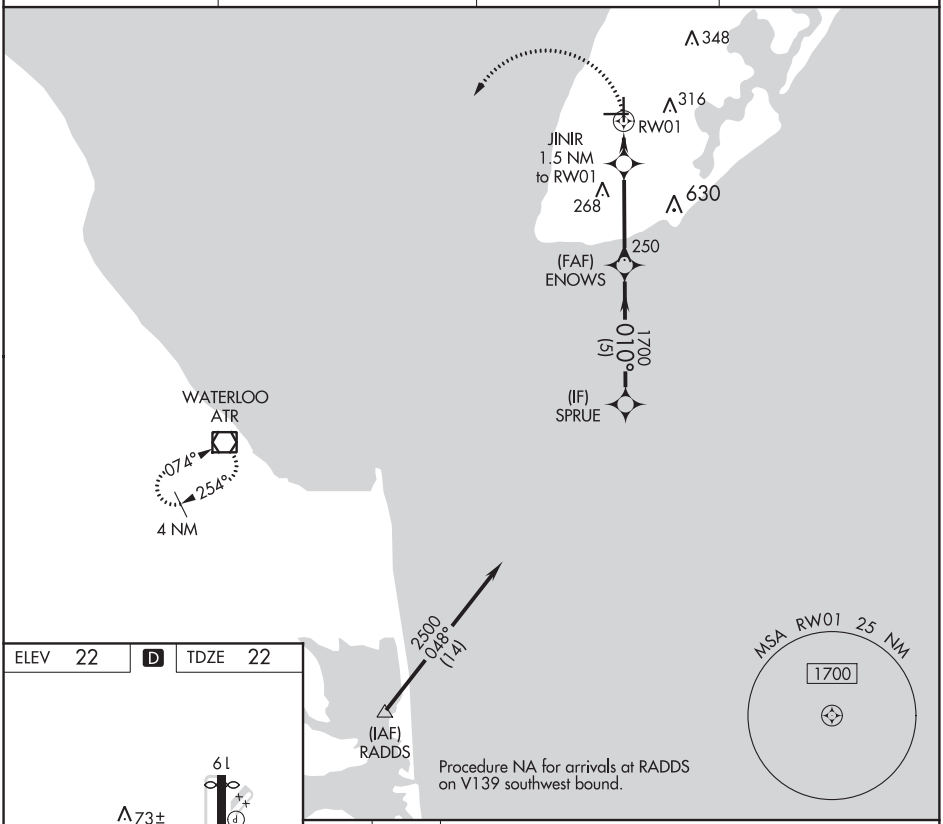
APP CRS	Rwy ldg	5037
010°	TDZE	22
	Apt Elev	22

RNP APCH.

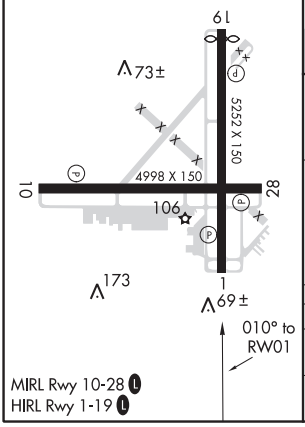
Circling NA for Cats C and D NE of Rwys 19 and 28. Rwy 1 helicopter visibility reduction below 1 SM NA. Straight-in Rwy 1 NA at night, Circling Rwy 1 NA at night.

MISSED APPROACH: Climbing left turn to 3000 direct ATR VOR/DME and hold.

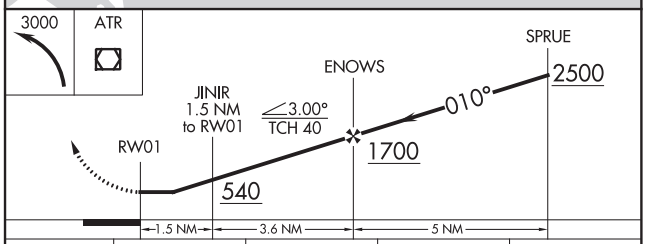
AWOS-3PT	ATLANTIC CITY APP CON	CLNC DEL	UNICOM
118.275	124.6 327.125	121.7	122.7 (CTAF) L



ELEV 22 | D | TDZE 22



MIRL Rwy 10-28 L
HIRL Rwy 1-19 L



CATEGORY	A	B	C	D
LNAV MDA	440-1 418 (500-1)		440-1⅛ 418 (500-1⅛)	
C CIRCLING	480-1 458 (500-1)	620-1 598 (600-1)	620-1½ 598 (600-1½)	980-3 958 (1000-3)

NE-2, 10 SEP 2020 to 05 NOV 2020

WILDWOOD, NEW JERSEY
Orig-A 11OCT18

39°01′N-74°55′W

CAPE MAY COUNTY (WWD)

RNAV (GPS) RWY 1

RNAV (GPS) RWY 10
CAPE MAY COUNTY (WWD)

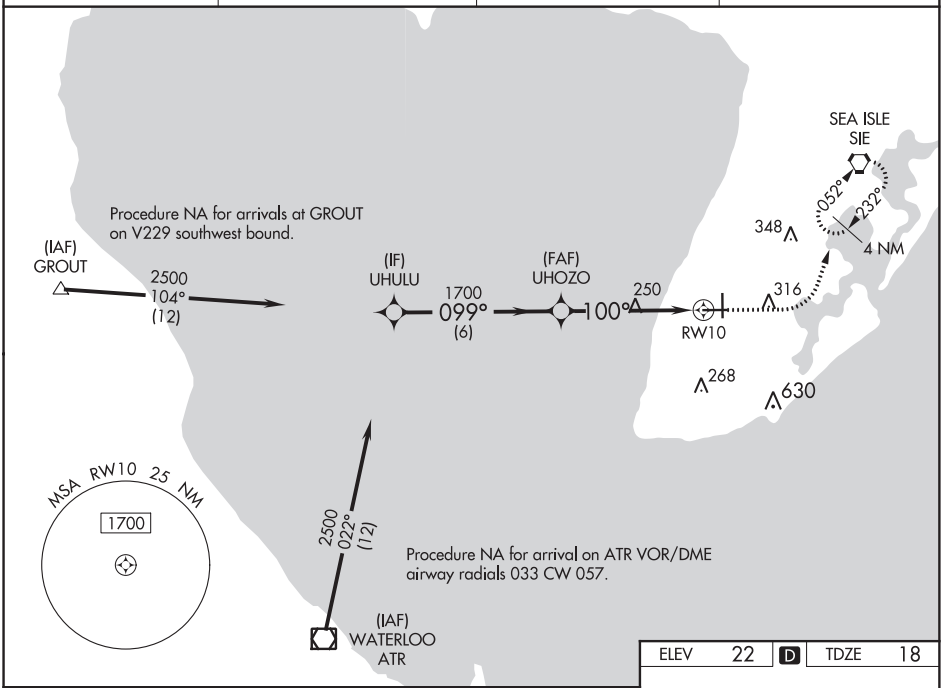
WAAS CH 93541 W10A	APP CRS 100°	Rwy ldg 4998 TDZE 18 Apt Elev 22

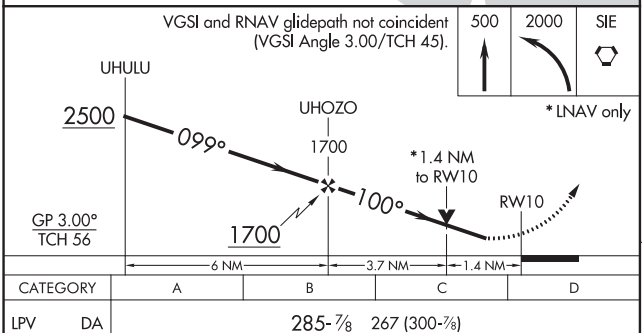
RNP APCH.

For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -15° C or above 54° C. Circling NA for Cats C and D northeast of Rwys 19 and 28. Rwy 10 helicopter visibility reduction below ¾ SM NA. Circling Rwy 1 NA at night.

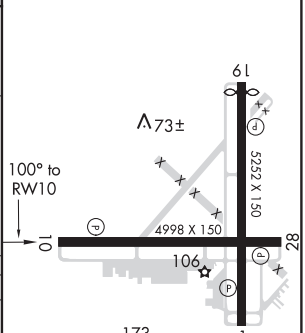
MISSED APPROACH: Climb to 500 then climbing left turn to 2000 direct SIE VORTAC and hold.

AWOS-3PT	ATLANTIC CITY APP CON	CLNC DEL	UNICOM
118.275	124.6 327.125	121.7	122.7 (CTAF) L





CATEGORY	A	B	C	D
LPV DA	285-⅞ 267 (300-⅞)			
LNAV/VNAV DA	336-1 318 (400-1)			
LNAV MDA	500-1 482 (500-1)		500-1⅜ 482 (500-1⅜)	
C CIRCLING	500-1 478 (500-1)	620-1 598 (600-1)	620-1½ 598 (600-1½)	980-3 958 (1000-3)



HIRL Rwy 1-19 L
MIRL Rwy 10-28 L

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

WILDWOOD, NEW JERSEY — AL-476 (FAA) — 19171

RNAV (GPS) RWY 19

CAPE MAY COUNTY (WWD)

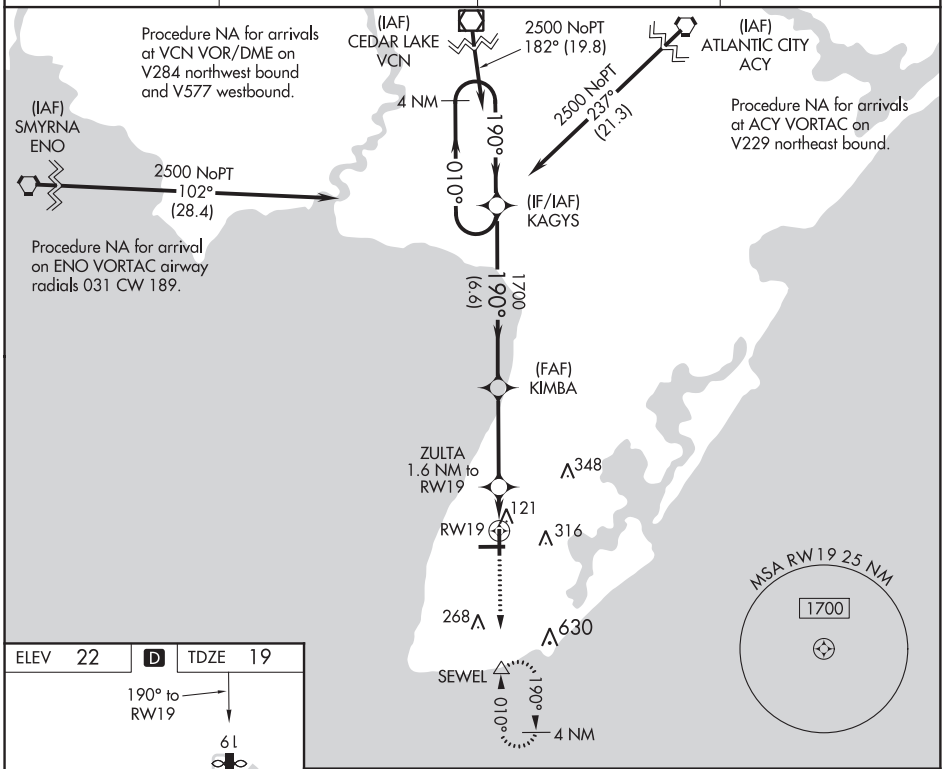
WAAS CH 82400 W19A	APP CRS 190°	Rwy ldg 5037 TDZE 19 Apt Elev 22

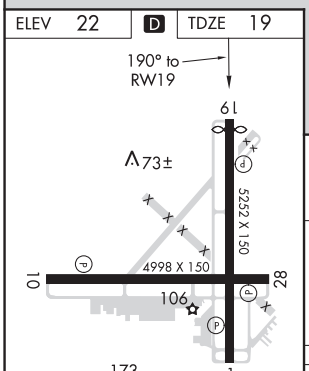
RNP APCH.

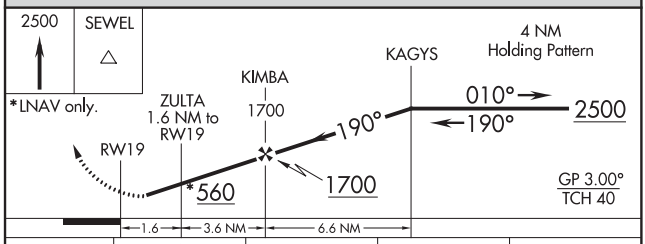
For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -8°C or above 54°C. Circling NA for Cats C and D NE of Rwys 19 and 28. Rwy 19 helicopter visibility reduction below 1 SM NA. Circling Rwy 1 NA at night.

MISSED APPROACH: Climb to 2500 direct SEWEL and hold, continue climb-in-hold to 2500.

AWOS-3PT	ATLANTIC CITY APP CON	CLNC DEL	UNICOM
118.275	124.6 327.125	121.7	122.7 (CTAF) L







CATEGORY	A	B	C	D
LPV DA	269-1 250 (300-1)			
LNAV/VNAV DA	392-1¼ 373 (400-1¼)			
LNAV MDA	380-1 361 (400-1)			
C CIRCLING	480-1 458 (500-1)	620-1 598 (600-1)	620-1½ 598 (600-1½)	980-3 958 (1000-3)

MIRL Rwy 10-28 L
HIRL Rwy 1-19 L

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

RNAV (GPS) RWY 28

CAPE MAY COUNTY (WWD)

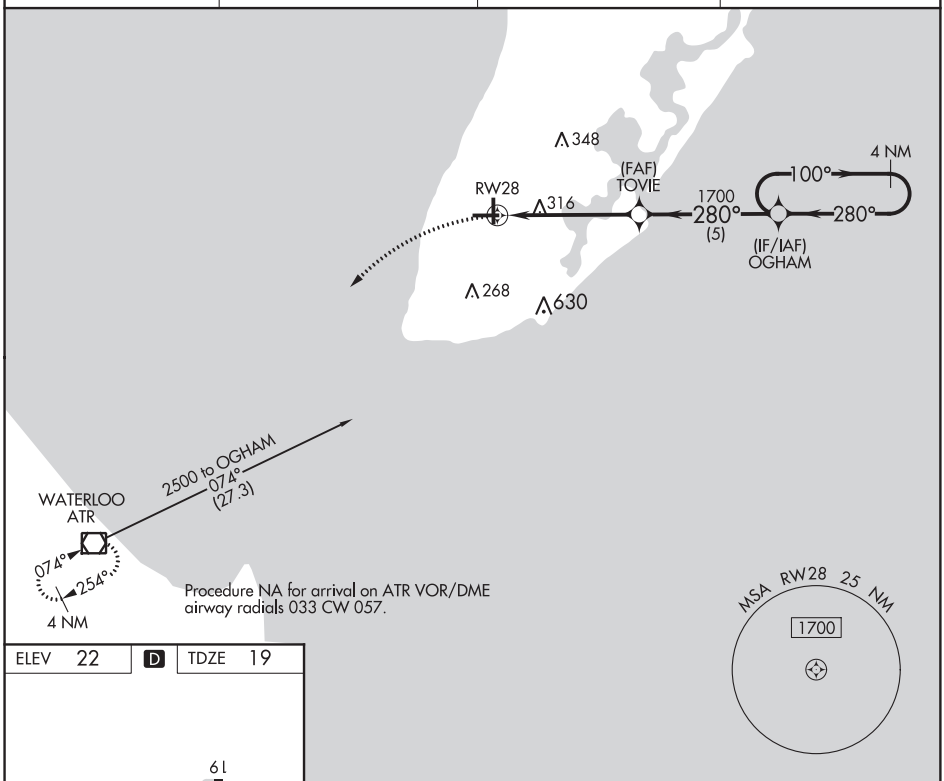
WAAS CH 86741 W28A	APP CRS 280°	Rwy ldg 4998 TDZE 19 Apt Elev 22

RNP APCH.

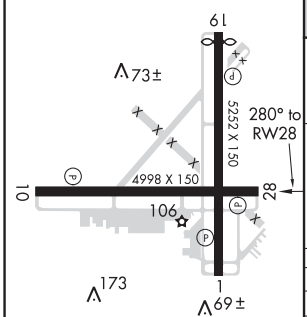
For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -15° C or above 54° C. Circling NA for Cats C and D northeast of Rwys 19 and 28. Rwy 28 helicopter visibility reduction below ¾ SM NA. Circling Rwy 1 NA at night.

MISSED APPROACH: Climbing left turn to 2500 direct ATR VOR/DME and hold.

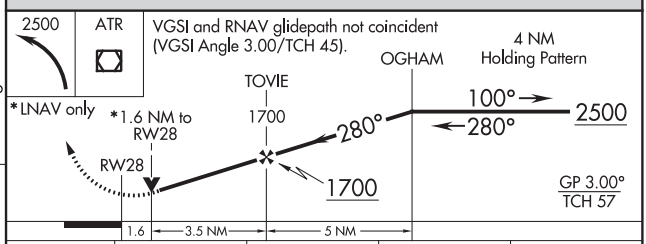
AWOS-3PT	ATLANTIC CITY APP CON	CLNC DEL	UNICOM
118.275	124.6 327.125	121.7	122.7 (CTAF) L



ELEV 22 D TDZE 19



MIRL Rwy 10-28 L
HIRL Rwy 1-19 L



CATEGORY	A	B	C	D
LPV DA	665-2½		646 (700-2½)	
LNAV/VNAV DA	634-2½		615 (700-2½)	
LNAV MDA	580-1 561 (600-1)		580-1⅝ 561 (600-1⅝)	
C CIRCLING	580-1 558 (600-1)	620-1 598 (600-1)	620-1⅝ 598 (600-1⅝)	980-3 958 (1000-3)

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

WILDWOOD, NEW JERSEY

AL-476 (FAA)

20086

LOC RWY 19

CAPE MAY COUNTY (WWD)

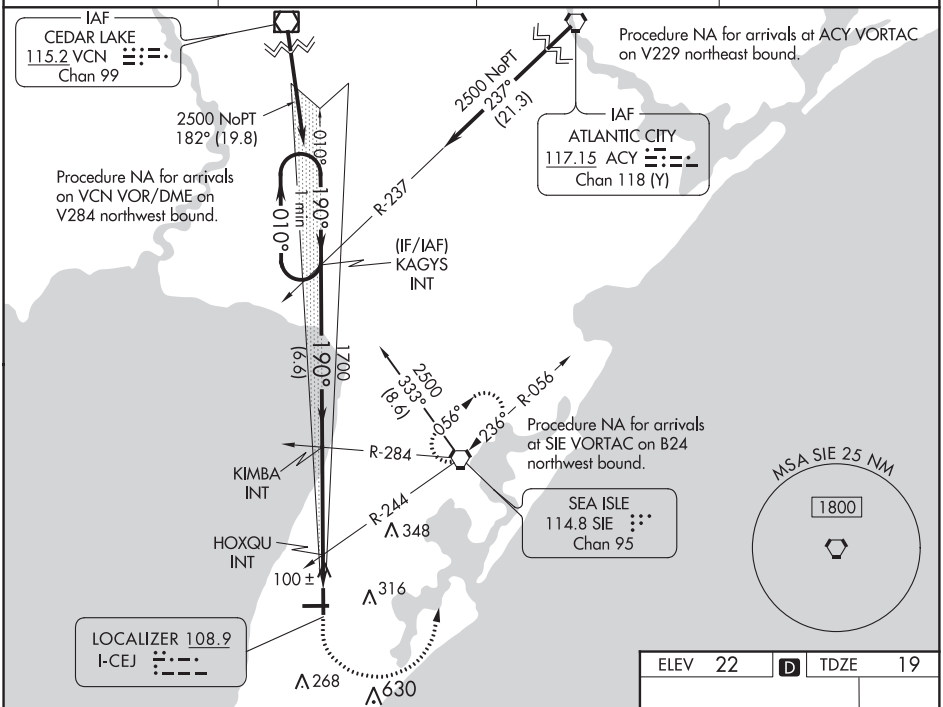
LOC I-CEJ	APP CRS	Rwy ldg 5037
108.9	190°	TDZE 19
		Apt Elev 22

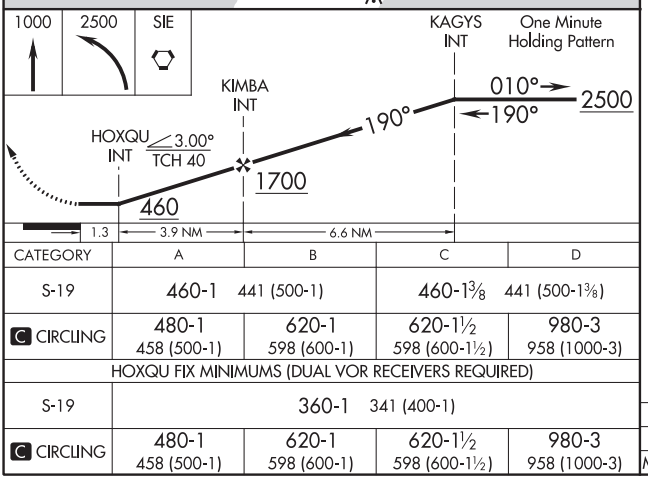
T
A NA

Circling NA for Cats C and D NE of Rwys 19 and 28. Rwy 19 helicopter visibility reduction below 1 SM NA. Circling Rwy 1 NA at night.

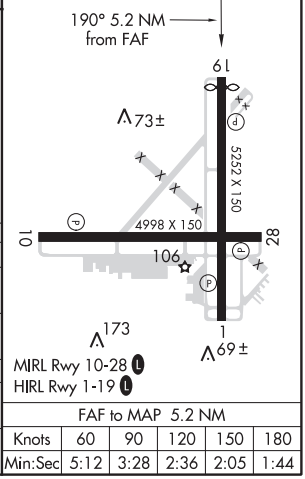
MISSED APPROACH: Climb to 1000 then climbing left turn to 2500 direct SIE VORTAC and hold.

AWOS-3PT	ATLANTIC CITY APP CON	CLNC DEL	UNICOM
118.275	124.6 327.125	121.7	122.7 (CTAF) L





CATEGORY	A	B	C	D
S-19	460-1 441 (500-1)		460-1⅜ 441 (500-1⅜)	
C CIRCLING	480-1 458 (500-1)	620-1 598 (600-1)	620-1½ 598 (600-1½)	980-3 958 (1000-3)
HOXQU FIX MINIMUMS (DUAL VOR RECEIVERS REQUIRED)				
S-19	360-1 341 (400-1)			
C CIRCLING	480-1 458 (500-1)	620-1 598 (600-1)	620-1½ 598 (600-1½)	980-3 958 (1000-3)



FAF to MAP 5.2 NM					
Knots	60	90	120	150	180
Min:Sec	5:12	3:28	2:36	2:05	1:44

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

WILDWOOD, NEW JERSEY
Amdt 7A 11OCT18

39°01′N-74°55′W

CAPE MAY COUNTY (WWD)

LOC RWY 19

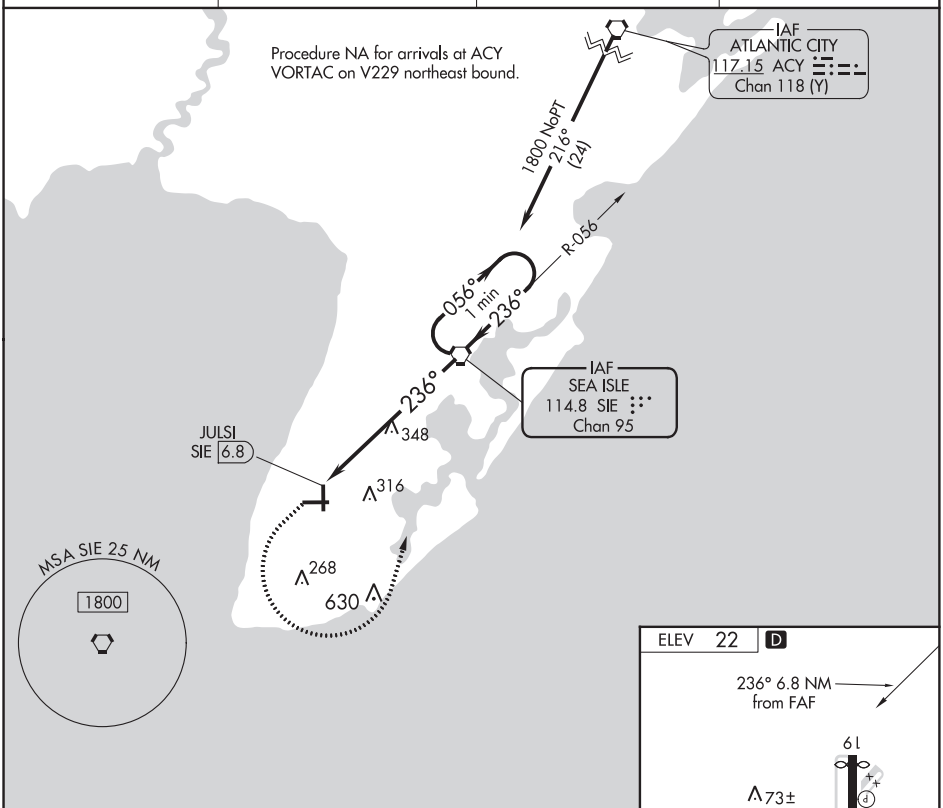
VORTAC SIE 114.8 Chan 95	APP CRS 236°	Rwy ldg N/A TDZE N/A Apt Elev 22

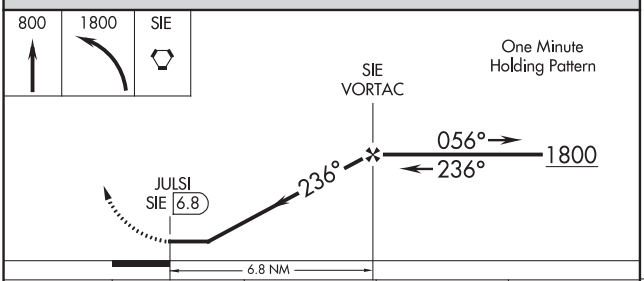
VOR-A
CAPE MAY COUNTY (WWD)

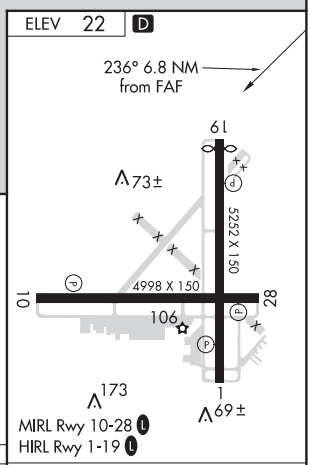
Circling NA for Cats C and D NE of Rwys 19 and 28. Circling Rwy 1 NA at night.

MISSED APPROACH: Climb to 800 then climbing left turn to 1800 direct SIE VORTAC and hold.

AWOS-3PT	ATLANTIC CITY APP CON	CLNC DEL	UNICOM
118.275	124.6 327.125	121.7	122.7 (CTAF) L







CATEGORY	A	B	C	D
C CIRCLING	640-7/8 618 (700-7/8)	640-1 618 (700-1)	640-1 3/4 618 (700-1 3/4)	980-3 958 (1000-3)

FAF to MAP 6.8 NM					
Knots	60	90	120	150	180
Min:Sec	6:48	4:32	3:24	2:43	2:16

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

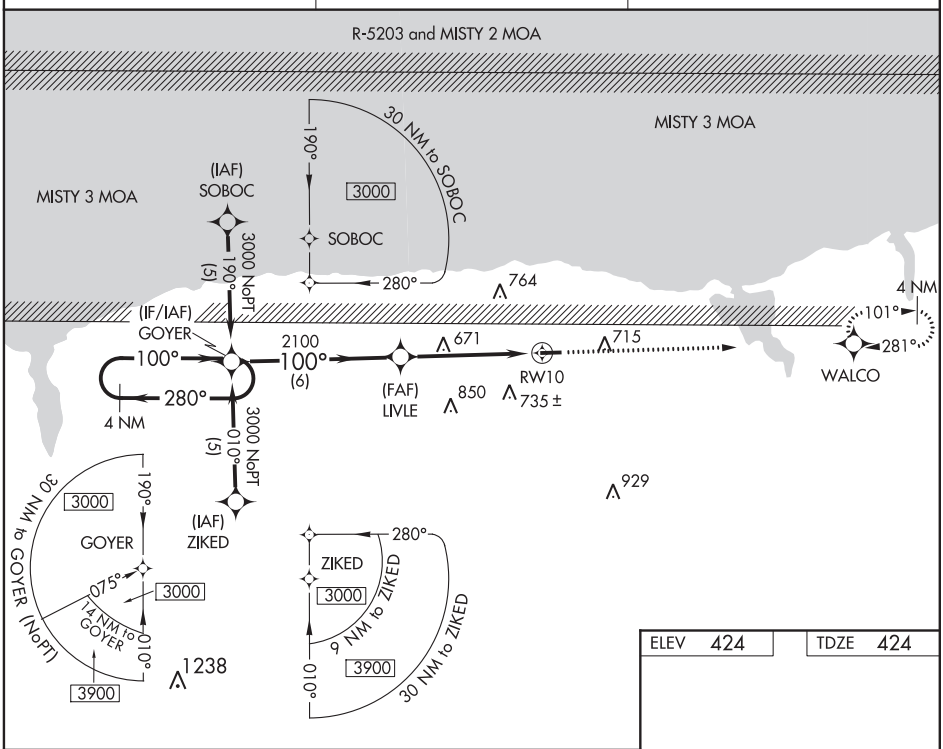
WAAS CH 90507 W10A	APP CRS 100°	Rwy ldg 3803 TDZE 424 Apt Elev 424

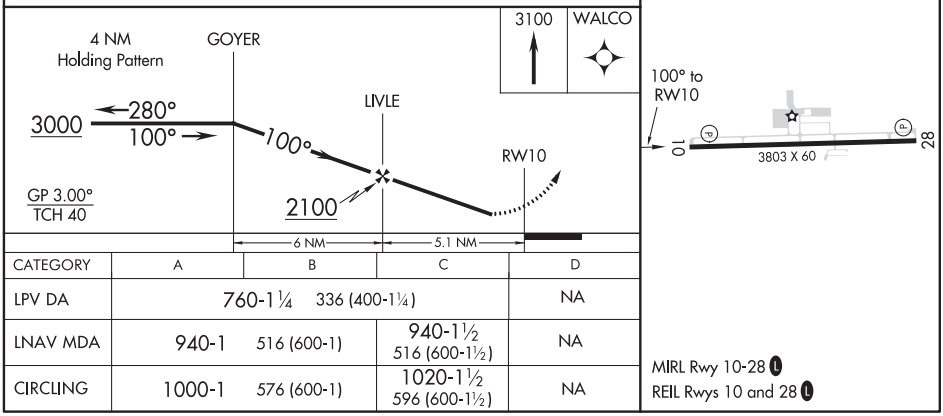
RNAV (GPS) RWY 10
WILLIAMSON-SODUS (SDC)

DME/DME RNP-0.3 NA. When VGSI inop, Straight-in and Circling Rwy 10 procedures NA at night. When VGSI inop, Circling Rwy 28 NA at night. Visibility reduction by helicopters NA. When local altimeter setting not received, use Rochester altimeter setting and increase all DA 77 feet and all MDA 80 feet, LPV all Cats visibility ¼ mile, and Circling Cat C visibility ½ mile.

MISSED APPROACH: Climb to 3100 direct WALCO and hold.

AWOS-3	ROCHESTER APP CON	UNICOM
124.2	119.55 269.6	122.8 (CTAF) L





CATEGORY	A	B	C	D
LPV DA	760-1¼ 336 (400-1¼)			NA
LNAV MDA	940-1 516 (600-1)		940-1½ 516 (600-1½)	NA
CIRCLING	1000-1 576 (600-1)		1020-1½ 596 (600-1½)	NA

MIRL Rwy 10-28 L
REIL Rwys 10 and 28 L

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

WAAS CH 78416 W28A	APP CRS 280°	Rwy ldg 3803 TDZE 422 Apt Elev 424

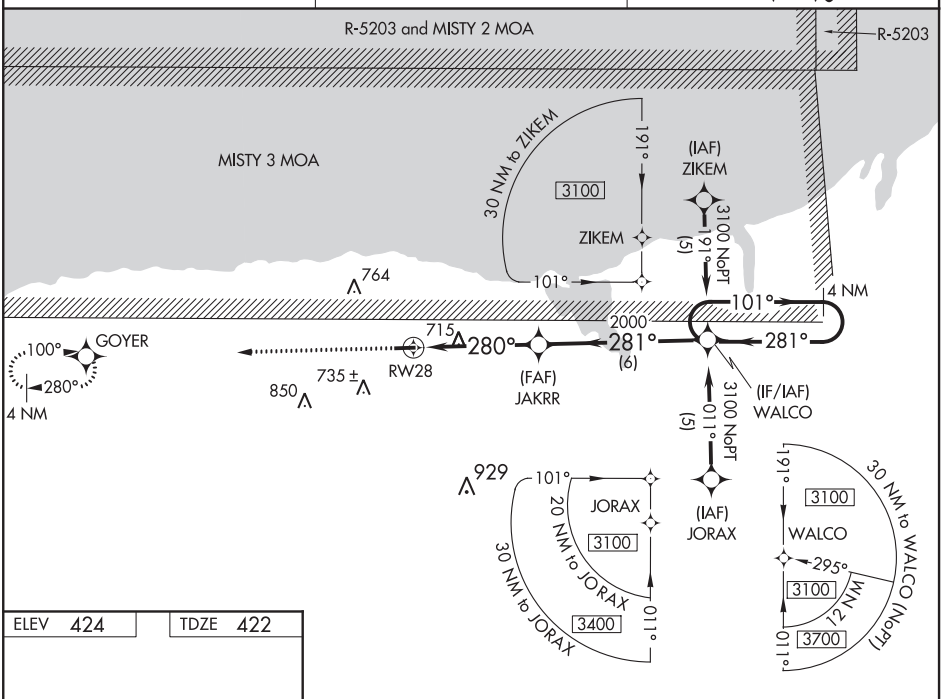
RNAV (GPS) RWY 28
WILLIAMSON-SODUS (SDC)

Baro-VNAV NA when using Rochester altimeter setting. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -15°C (5°F) or above 54°C (130°F). DME/DME RNP-0.3 NA. When VGSI inop, Straight-in and Circling Rwy 28 procedures NA at night. When VGSI inop, Circling Rwy 10 NA at night. Visibility reduction by helicopters NA. When local altimeter setting not received, use Rochester altimeter setting and increase LPV DA 148 feet, LNAV/VNAV DA 77 feet, all MDA 80 feet, LPV all Cats visibility ½ mile, LNAV/VNAV all Cats and LNAV Cat C visibility ¼ mile and Circling Cat C visibility ½ mile.

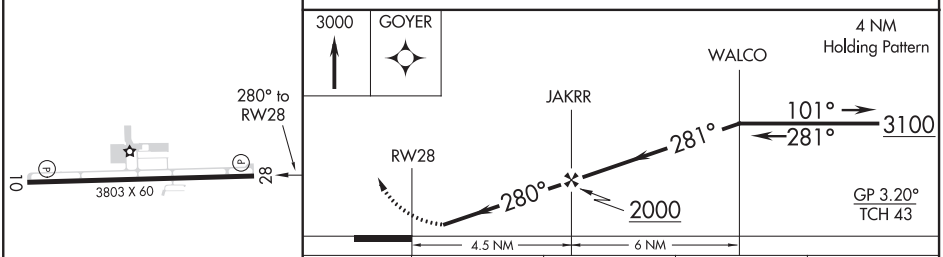
NA

MISSED APPROACH: Climb to 3000 direct GOYER and hold.

AWOS-3	ROCHESTER APP CON	UNICOM
124.2	119.55 269.6	122.8 (CTAF) L



ELEV 424	TDZE 422



CATEGORY	A	B	C	D
LPV DA	706-1 284 (300-1)			NA
LNAV/VNAV DA	1048-2 626 (700-2)			NA
LNAV MDA	980-1 558 (600-1)		980-1½ 558 (600-1½)	NA
CIRCLING	1000-1 576 (600-1)		1020-1½ 596 (600-1½)	NA

MIRL Rwy 10-28 L
REIL Rwys 10 and 28 L

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

WOODBINE, NEW JERSEY | AL-6587 (FAA) | 19059

RNAV (GPS) RWY 1
WOODBINE MUNI (OBI)

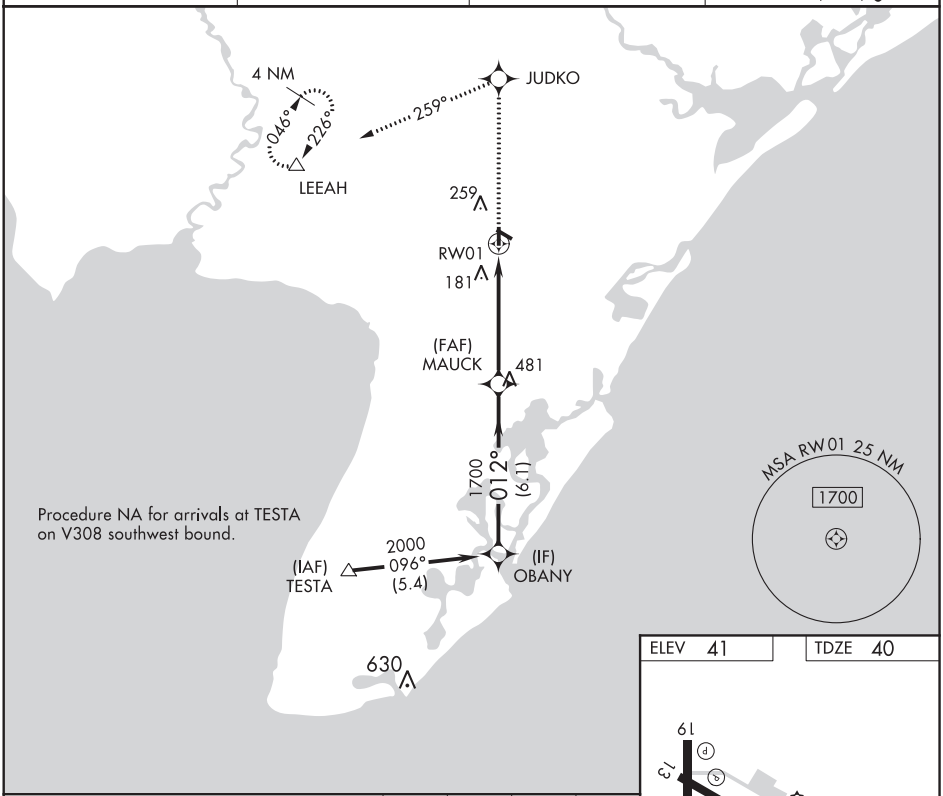
APP CRS	Rwy ldg	3304
012°	TDZE	40
	Apt Elev	41

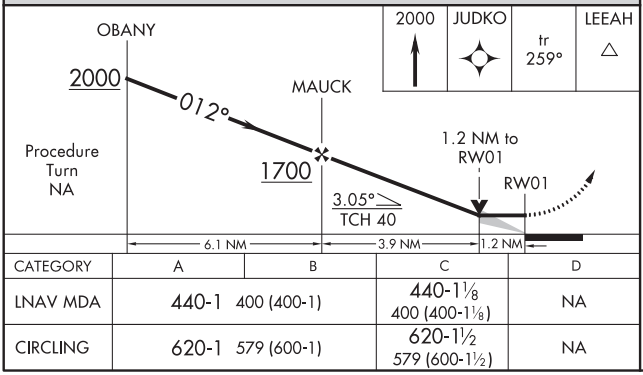
RNP APCH.

When local altimeter setting not received, use Millville Muni altimeter setting and increase all MDA 60 feet, and increase LNAV and Circling Cat C visibility ¼ mile. VDP NA when using Millville Muni altimeter setting. Circling Rwy 13, 19, 31 NA at night. Rwy 1 helicopter visibility reduction below ¾ SM NA.

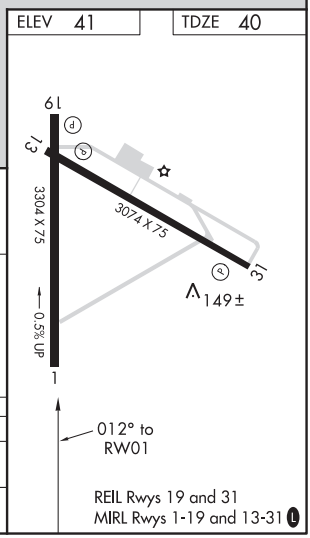
MISSED APPROACH: Climb to 2000 direct JUDKO and on track 259° to LEEAH and hold.

AWOS-3	ATLANTIC CITY APP CON	GCO	UNICOM
120.475	124.6 327.125	121.725	123.05 (CTAF) L





CATEGORY	A	B	C	D
LNAV MDA	440-1 400 (400-1)		440-1⅛ 400 (400-1⅛)	NA
CIRCLING	620-1 579 (600-1)		620-1½ 579 (600-1½)	NA



NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

RNAV (GPS) RWY 19
WOODBINE MUNI (OBI)

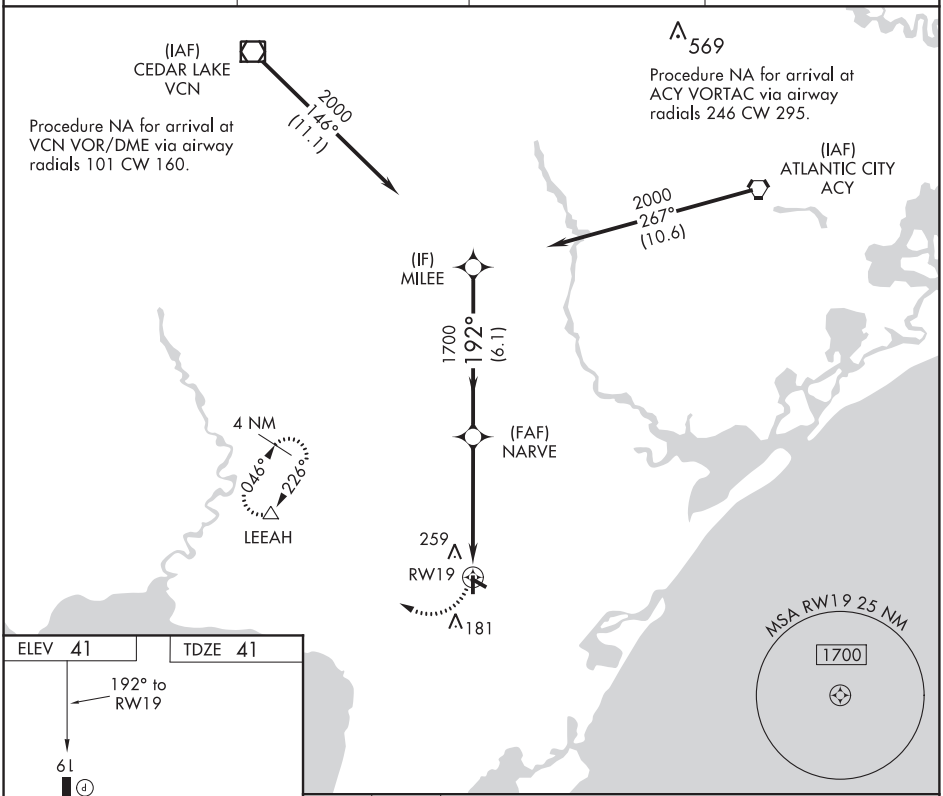
APP CRS	Rwy ldg	3304
192°	TDZE	41
	Apt Elev	41

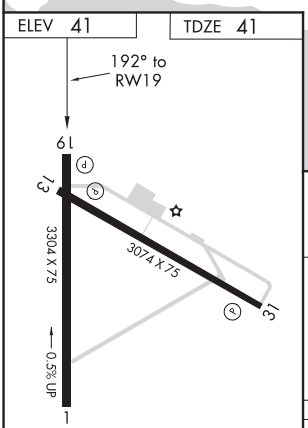
T
A NA

Rwy 19 Straight-in and Circling and Circling to Rwy 13, 31 NA at night. Rwy 13, 19, 31 helicopter visibility reduction below 1 SM NA. DME/DME RNP-0.3 NA. When local altimeter setting not received, use Millville Muni altimeter setting; increase all MDA 60 feet, and increase LNAV Cat C visibility ¼ mile.

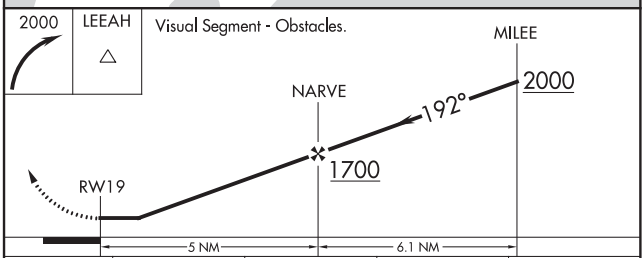
MISSED APPROACH: Climbing right turn to 2000 direct LEEAH and hold.

AWOS-3	ATLANTIC CITY APP CON	GCO	UNICOM
120.475	124.6 327.125	121.725	123.05 (CTAF) L





REIL Rwys 19 and 31
MIRL Rwys 1-19 and 13-31 L



CATEGORY	A	B	C	D
LNAV MDA	500-1 459 (500-1)		500-1¼ 459 (500-1¼)	NA
CIRCLING	620-1 579 (600-1)		620-1½ 579 (600-1½)	NA

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

WOODBINE, NEW JERSEY | AL-6587 (FAA) | 20086

VOR-A
WOODBINE MUNI (OBI)

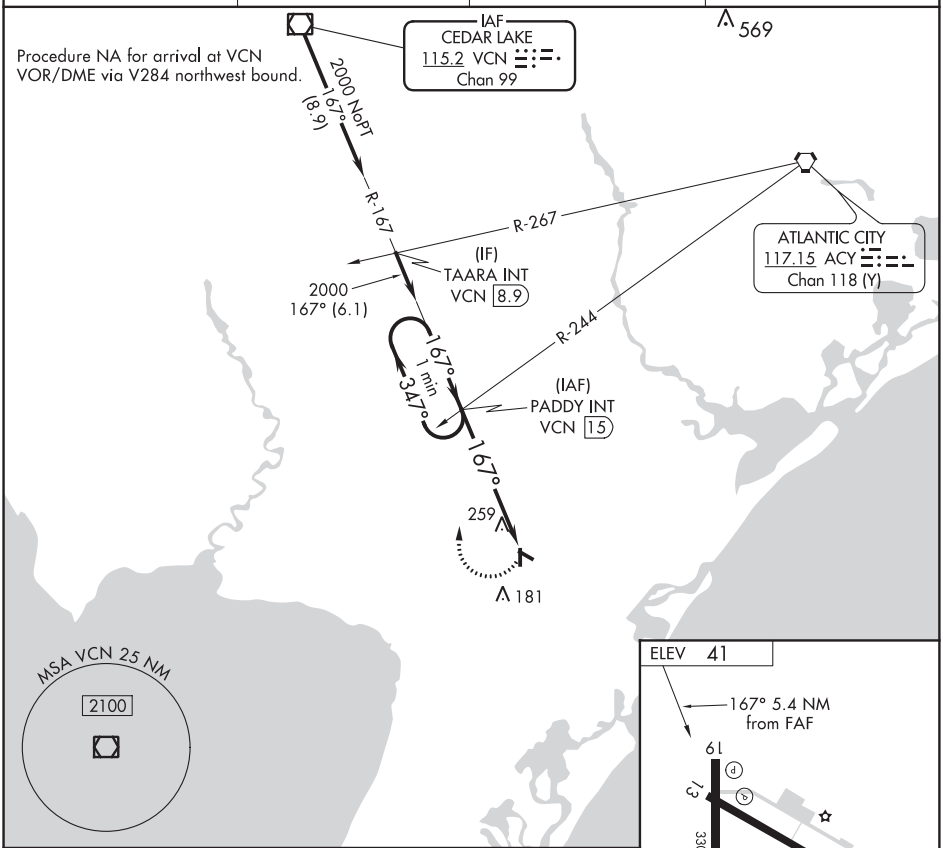
VOR/DME VCN	APP CRS	Rwy ldg	N/A
115.2	167°	TDZE	N/A
Chan 99		Apt Elev	41

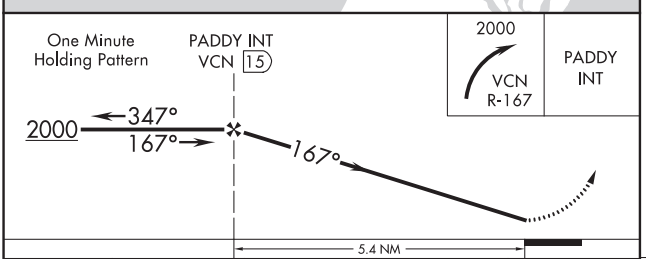
Circling Rwy 13, 19, 31 NA at night. Rwy 13, 19, 31 helicopter visibility reduction below 1 SM NA. When local altimeter setting not received, use Millville Muni altimeter setting; increase all MDA 60 feet and Cat C visibility ¼ mile.

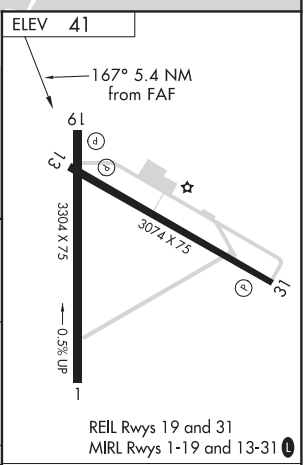
NA

MISSED APPROACH: Climbing right turn to 2000 on VCN VOR/DME R-167 to PADDY INT/VCN 15 DME and hold.

AWOS-3	ATLANTIC CITY APP CON		GCO	UNICOM
120.475	124.6	327.125	121.725	123.05 (CTAF) L







REIL Rwys 19 and 31
MIRL Rwys 1-19 and 13-31 L

CATEGORY	A	B	C	D
CIRCLING	620-1 579 (600-1)	620-1¼ 579 (600-1¼)	620-1½ 579 (600-1½)	NA

FAF to MAP 5.4 NM					
Knots	60	90	120	150	180
Min:Sec	5:24	3:36	2:42	2:10	1:48

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

VOR/DME HUO	APP CRS	Rwy ldg	3358
116.1	039°	TDZE	550
Chan 108		Apt Elev	560

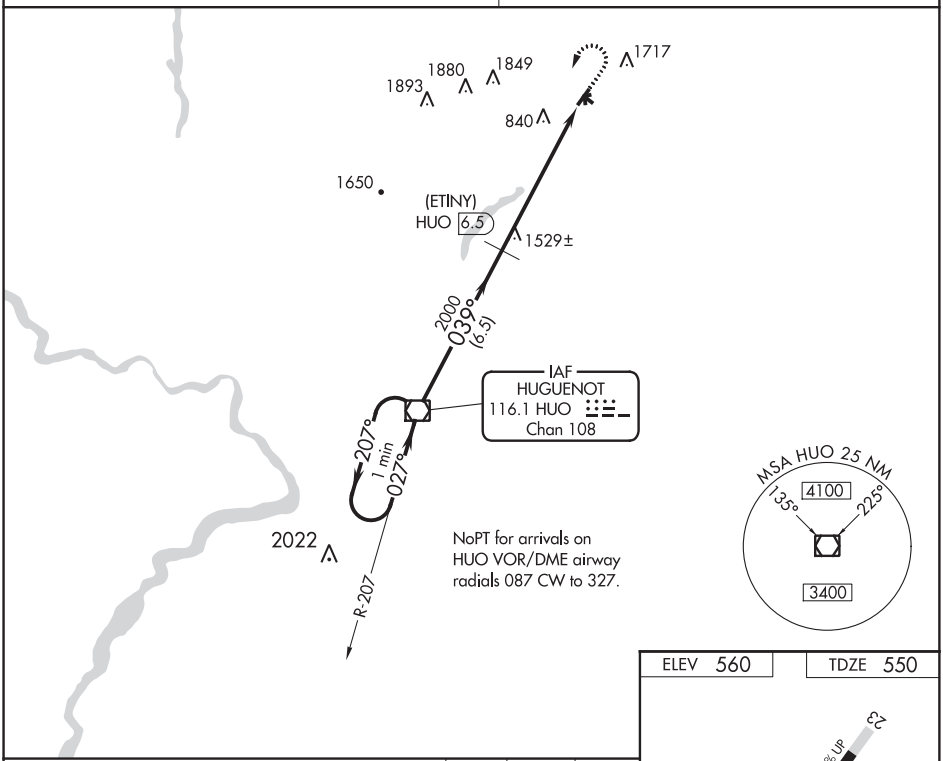
VOR/DME or GPS RWY 5
WURTSBORO-SULLIVAN COUNTY (N82)

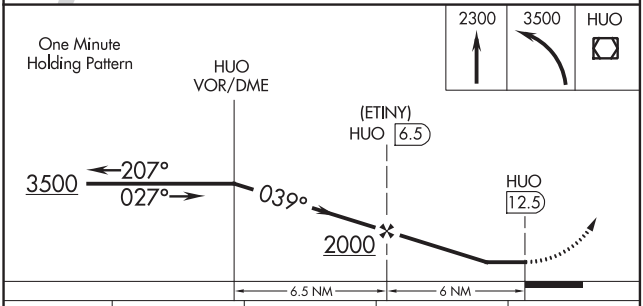
Obtain local altimeter setting on CTAF, when not received, procedure not authorized. Procedure not authorized at night.

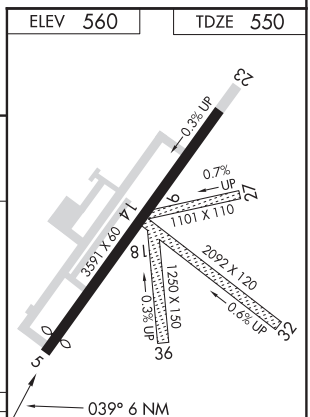
NA

MISSED APPROACH: Climb to 2300 then climbing left turn to 3500 direct HUO VOR/DME and hold.

NEW YORK APP CON	UNICOM
132.75 363.1	122.8 (CTAF)







CATEGORY	A	B	C	D
S-5	1880-1¼ 1330 (1400-1¼)	1880-1½ 1330 (1400-1½)	1880-3 1330 (1400-3)	NA
CIRCLING	1880-1¼ 1320 (1400-1¼)	1880-1½ 1320 (1400-1½)	2020-3 1460 (1500-3)	NA

INTENTIONALLY

LEFT

BLANK

NE-2, 10 SEP 2020 to 05 NOV 2020

NE-2, 10 SEP 2020 to 05 NOV 2020

CLIMB/DESCENT TABLE 10042

INSTRUMENT TAKEOFF OR APPROACH PROCEDURE CHARTS
RATE OF CLIMB/DESCENT TABLE

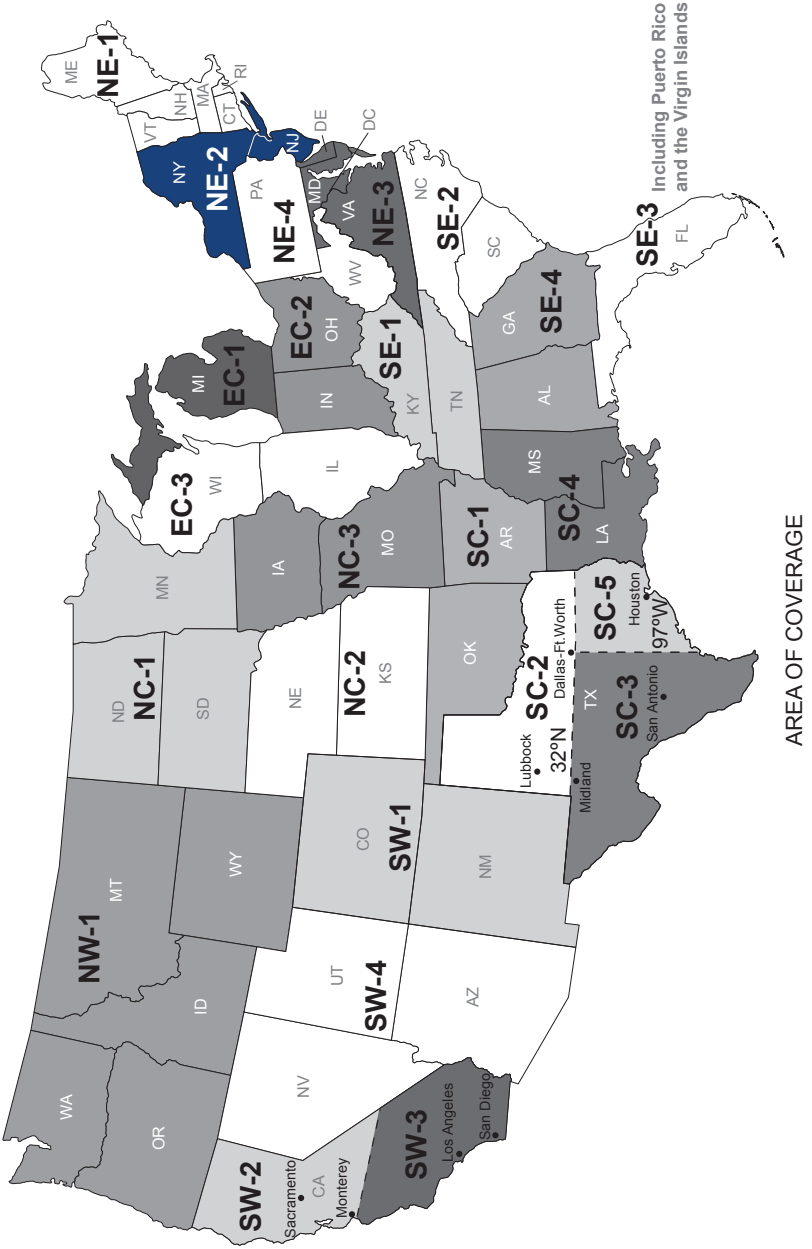
(ft. per min)

A rate of climb/descent table is provided for use in planning and executing climbs or descents under known or approximate ground speed conditions. It will be especially useful for approaches when the localizer only is used for course guidance. A best speed, power, altitude combination can be programmed which will result in a stable glide rate and altitude favorable for executing a landing if minimums exist upon breakout. Care should always be exercised so that minimum descent altitude and missed approach point are not exceeded.

CLIMB/ DESCENT ANGLE (degrees and tenths)	ft/NM	GROUND SPEED (knots)										
		60	90	120	150	180	210	240	270	300	330	360
2.0	210	210	320	425	530	635	743	850	955	1060	1165	1275
2.5	265	265	400	530	665	795	930	1060	1195	1325	1460	1590
VERTICAL PATH ANGLE 2.7	287	287	430	574	717	860	1003	1147	1290	1433	1576	1720
2.8	297	297	446	595	743	892	1041	1189	1338	1486	1635	1783
2.9	308	308	462	616	770	924	1078	1232	1386	1539	1693	1847
3.0	318	318	478	637	797	956	1115	1274	1433	1593	1752	1911
3.1	329	329	494	659	823	988	1152	1317	1481	1646	1810	1975
3.2	340	340	510	680	850	1020	1189	1359	1529	1699	1869	2039
3.3	350	350	526	701	876	1052	1227	1402	1577	1752	1927	2103
3.4	361	361	542	722	903	1083	1264	1444	1625	1805	1986	2166
3.5	370	370	555	745	930	1115	1300	1485	1670	1860	2045	2230
4.0	425	425	640	850	1065	1275	1490	1700	1915	2125	2340	2550
4.5	480	480	715	955	1195	1435	1675	1915	2150	2390	2630	2870
5.0	530	530	795	1065	1330	1595	1860	2125	2390	2660	2925	3190
5.5	585	585	880	1170	1465	1755	2050	2340	2635	2925	3220	3510
6.0	640	640	960	1275	1595	1915	2235	2555	2875	3195	3510	3830
6.5	690	690	1040	1385	1730	2075	2425	2770	3115	3460	3805	4155
7.0	745	745	1120	1490	1865	2240	2610	2985	3355	3730	4105	4475
7.5	800	800	1200	1600	2000	2400	2800	3200	3600	4000	4400	4800
8.0	855	855	1280	1710	2135	2560	2990	3415	3845	4270	4695	5125
8.5	910	910	1360	1815	2270	2725	3180	3630	4085	4540	4995	5450
9.0	960	960	1445	1925	2405	2885	3370	3850	4330	4810	5295	5775
9.5	1015	1015	1525	2035	2540	3050	3560	4065	4575	5085	5590	6100
10.0	1070	1070	1605	2145	2680	3215	3750	4285	4820	5355	5890	6430

CLIMB/DESCENT TABLE 10042

U.S. TERMINAL PUBLICATION VOLUMES



FAA Product ID: BTPPNE2

NSN 7641015059583

NGA REF. NO. OK-10-2859 TERMXFAABTPPNE2

EFF. DATE 20254