Federal Aviation Administration

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East Central (EC) Vol 2 of 3

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Consult the Change Notice (CN) effective 10 JUL 2025 for revised Instrument Procedure Charts for this volume

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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 4531
Silver Spring, MD 20910-3281
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https://www.faa.gov/air_traffic/flight_info/aeronav/aero_data/

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

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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 25051

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. For ILS procedures with a 200 foot HAT with a restriction on autopilot usage, RVR 1800 authorized with use of FD 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

INOP COMPONENTS 25051

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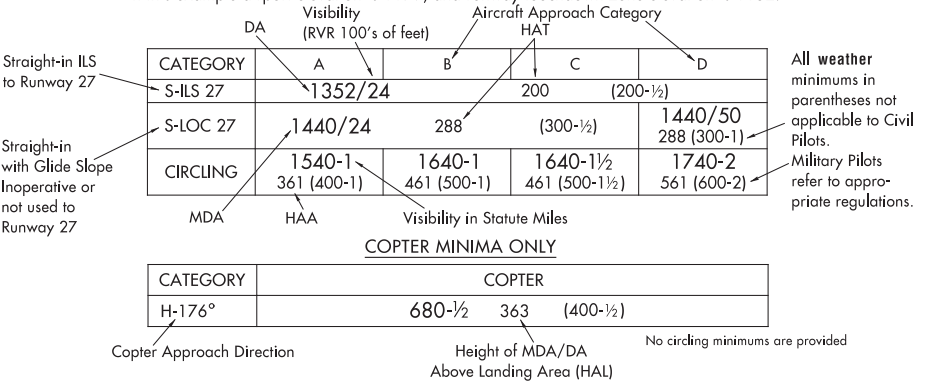
TERMS/LANDING MINIMA DATA 20142

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.



COPTER MINIMA ONLY

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

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TERMS/LANDING MINIMA DATA 25163

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 table below. The resultant arcs are then connected tangentially to define the protected area.

CIRCLING APPROACH MANEUVERING AIRSPACE RADIUS

Circling MDA protected areas 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.

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

Users may ignore the presence of C symbols on charts which will be removed on a day-forward basis. All circling areas within this volume have been evaluated for the circling MDA protected area radius shown in the table above.

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	1/4	2400	1/2	3500	5/8	5500	1
1800	1/2	2600	1/2	4000	3/4	6000	1 1/4
2000	1/2	3000	5/8	4500	7/8		
2200	1/2	3200	5/8	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	(100-1/4)				
	28	2.5°/48/1068	ABCDE	**187**/16	100	(100-1/4)				
ASR	10		ABC	**560**/40	463	(500-3/4)	DE	**560**/50	463	(500-1)
	28		AB	**600**/50	513	(600-1)	CDE	**600**/60	513	(600-1 1/4)
CIR	10		AB	**560**-1 1/4	463	(500-1 1/4)	CDE	**560**-1 1/2	463	(500-1 1/2)
	28		AB	**600**-1 1/4	503	(600-1 1/4)	CDE	**600**-1 1/2	503	(600-1 1/2)

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 25163

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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 by an authorized non-FAA service provider. 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-11919 (FAA-O). Military procedures do not show AL number, but do show the appropriate authority for the procedure, e.g., (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.

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.

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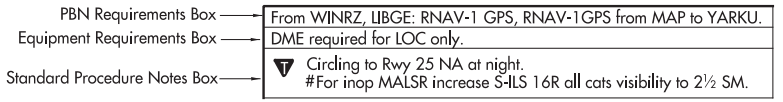
STANDARD TERMINAL ARRIVALS AND DEPARTURE PROCEDURES

The use of the associated codified STAR/DP and transition identifiers are requested of users when filing flight plans online. 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).

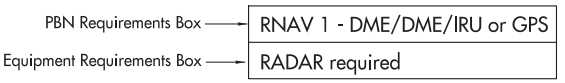
PROCEDURE PBN/EQUIPMENT REQUIREMENTS

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



RNAV STAR and DP PBN/Equipment Requirements Notes Box



PILOT CONTROLLED AIRPORT LIGHTING SYSTEMS

Reference the Chart Supplement for detailed information on pilot controlled lighting (PCL) systems.

Available FAA standard approach lighting systems are charted as a negative symbol to indicate pilot contolled lighting, e.g., (A1), (V)

Available airport lighting systems that are charted as notes, e.g. REIL, MIRL, are shown with a negative "(L)" symbol beside the name to indicate pilot controlled lighting.

To activate lights, use frequency indicated in the communications section of the chart with a (L)

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)

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ABBREVIATIONS 25107

AAF	Army Air Field
AAUP	Attention All Users Page
ADF	Automatic Direction Finder
ADIZ	Air Defense Identification Zone
AFAUX	Air Force Auxiliary
AFB	Air Force Base
AFRC	Armed Forces Reserve Center/Air Force Reserve Command
AGL	Above Ground Level
AFHP	Air Force Heliport
AFIS	Automatic Flight Information Service
AHP	Army Heliport
ALF	Auxiliary Landing Field
ALS	Approach Light System
ALSF	Approach Light System with Sequenced Flashing Lights
ANGB	Air National Guard Base
ANGS	Air National Guard Station
Ant	Antenna
AOB	At or Below
AP	Autopilot System
APCH	Approach
APP CON	Approach Control
AR	Authorization Required
ARB	Air Reserve Base
ARPT	Airport
ARR	Arrival
AS	Air Station
ASOS	Automated Surface Observing System
ASR	Airport Surveillance RADAR
ASSC	Airport Surface Surveillance Systems
ATC	Air Traffic Control
ATCT	Airport Traffic Control Tower
ATIS	Automatic Terminal Information Service
AUNICOM	Automated UNICOM
AWOS	Automated Weather Observing System
Baro-VNAV	Barometric Vertical Navigation
BC	Back Course
brg	Bearing
CAPT	Captain
CAT	Category
CCW	Counterclockwise
CDI	Course Deviation Indicator
CGAS	Coast Guard Air Station
Chan	Channel
CIR	Circling
CL	Centerline Lighting System
CLNC DEL	Clearance Delivery
CNF	Computer Navigation Fix
CPDLC	Controller Pilot Data Link Communications
CTAF	Common Traffic Advisory Frequency
CW	Clockwise
D-ATIS	Digital-Automatic Terminal Information Service
DA	Decision Altitude
DEP	Departure
DEP CON	Departure Control
DER	Departure End of Runway
DH	Decision Height
DME	Distance Measuring Equipment
DP	Departure Procedure
DTHR	Displaced Runway Threshold
DVA	Diverse Vector Area
ELEV	Elevation
EMAS	Engineered Material Arresting System
EXEC	Executive
FAF	Final Approach Fix
FD	Flight Director System
FL	Flight Level
FLD	Field
FM	Fan Marker
FMS	Flight Management System
GBAS	Ground Based Augmentation System
GCA	Ground Control Approach
GCO	Ground Communication Outlet
GLS	Ground Based Augmentation System Landing System
GP	Glidepath
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
hdg	Heading
HIRL	High Intensity Runway Lights
HUD	Head-up Display
IAF	Initial Approach Fix
IAP	Instrument Approach Procedure
ICAO	International Civil Aviation Organization
IF	Intermediate Fix
IFR	Instrument Flight Rules
ILS	Instrument Landing System
IM	Inner Marker
INC	Incorporated
Inop	Inoperative
INT	Intersection
INTCNTL	Intercontinental
INTL	International
JNGB	Joint National Guard Base
JRB	Joint Reserve Base
K	Knots
KIAS	Knots Indicated Airspeed
LAAS	Local Area Augmentation System

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ABBREVIATIONS 25107

LDA	Localizer Type Directional Aid
Ldg	Landing
LIRL	Low Intensity Runway Lights
LNAV	Lateral Navigation
LOA	Letter of Agreement/ Authorization
LOC	Localizer
LOM	Locator Outer Marker
LP	Localizer Performance
LPV	Localizer Performance with Vertical Guidance
LR	Lead Radial
LRRS	Long Range RADAR Station
MAA	Maximum Authorized Altitude
MALS	Medium Intensity Approach Lighting System
MALSF	Medium Approach Lighting System with Sequenced Flashers
MALSR	Medium Intensity Approach Lighting System with Runway Alignment Indicator Lights
MAP	Missed Approach Point
MCAF	Marine Corps Air Facility
MCALF	Marine Corps Auxiliary Landing Filed
MCAS	Marine Corps Air Station
MCB	Marine Corps Base
MCOLF	Marine Corps Outlying Field
MDA	Minimum Descent Altitude
MEA	Minimum Enroute Altitude
MEML	Memorial
METRO	Metropolitan
MIRL	Medium Intensity Runway Lights
MM	Middle Marker
MOCA	Minimum Obstruction Clearance Altitude
MRA	Minimum Reception Altitude
MSL	Mean Sea Level
MSPEC	Management Specification
MUNI	Municipal
N/A	Not Applicable
NA	Not Authorized
NAAS	Naval Auxiliary Air Station
NAF	Naval Air Facility
NALF	Naval Auxiliary Landing Field
NAS	Naval Air Station
NDB	Nondirectional Radio Beacon
NM	Nautical Mile
NOLF	Naval Outlying Field
NoPT	No Procedure Turn
NOTAM	Notice to Airmen
NS	Naval Station
NTL	National
ODALS	Omnidirectional Approach Lighting System
ODP	Obstacle Departure Procedure
OM	Outer Marker
OPSPEC	Operations Specification
PAR	Precision Approach Radar
PDC	Pre-Departure Clearance
PRM	Precision Runway Monitor
Pvt	Private
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
RGNL	Regional
RLLS	Runway Lead-in Light System
RNAV	Area Navigation
RNP	Required Navigation Performance
RPI	Runway Point of Interception)
RVR	Runway Visual Range
RWY	Runway
S	Straight-in
SALS	Simplified Short Approach Light System
SALSF	Short Approach Lighting System with Sequenced Flashing Lights
SDF	Simplified Directional Facility
SFB	Space Force Base
SID	Standard Instrument Departure
SM	Statute Mile
SR-SS	Sunrise-Sunset
SSALF	Short Approach Lighting System with Sequenced Flashing Lights
SSALR	Simplified Short Approach Light System with Runway Alignment Indicator Lights
SSALS	Simplified Short Approach Lighting System
ST	Saint
STE	Sainte
STAR	Standard Terminal Arrival
TAA	Terminal Arrival Area
TACAN	Tactical Air Navigation
TCH	Threshold Crossing Height
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
TRML	Terminal
TWR	Tower
UNICOM	Universal Communications Station
USA	United States Army
USAF	United States Air Force

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ABBREVIATIONS 25107

USCG……	United States Coast Guard
USMC……	United States Marine Corps
USN……	United States Navy
USSF……	United States Space Force
VASI……	Visual Approach Slope Indicator
VCOA……	Visual Climb Over Airport
VDA……	Vertical Descent Angle
VDP……	Visual Descent Point
VFR……	Visual Flight Rules
VGSI……	Visual Glide Slope Indicator
VNAV……	Vertical Navigation
VOR……	Very High Frequency Omni-Directional Range
VORTAC……	Very High Frequency Omni-Directional Range/Tactical Air Navigation
WAAS……	Wide Area Augmentation System
WP/WPT……	Waypoint

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LEGEND 23334

INSTRUMENT APPROACH PROCEDURES (CHARTS)

PLANVIEW SYMBOLS

ROUTES

Procedure Track

Feeder Route

Missed Approach

Visual Flight Path

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

Minimum Route Altitude → 3100 NoPT to LOM
045°
Mileage → (14.2)

HOLDING PATTERNS

Hold-in-lieu of Procedure Turn

HOLD 10000/8000
090° (IAS) 270°
4 NM

HOLD 10000/8000
090° 1 min 270°

Missed Approach
090° 270°

Arrival
HOLD 8000
090° 270°

Holding pattern with maximum 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

Waypoint

MAP WP (Flyby)

MAP WP (Flyover)

GLGHR INT — Intersection

MYLES
I-LVF 14.9 — (Distance From Facility)

DME

Flyover Point

x (CFTSP) — Computer Navigation Fix (CNF)-No ATC Function ("x" omitted when it is a MAP)

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

VOR
VORTAC
TACAN
VOR/DME
DME
NDB
NDB/DME
LOM (Compass locator at Outer Marker)
Marker Beacon

Marker beacons that are not specifically part of the procedure.

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

Localizer Back Course
Left side shading- Back Course

SDF Course

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

Primary NAVAID
LIMA
114.5 LIM
Chan 92

Secondary NAVAID
LOM
AKRON
362 AK

TACAN or DME NAVAID
SCOTT
Chan 59
SKE
(112.2)
VHF Paired Frequency

LEGEND 23334

EC-2, 12 JUN 2025 to 07 AUG 2025

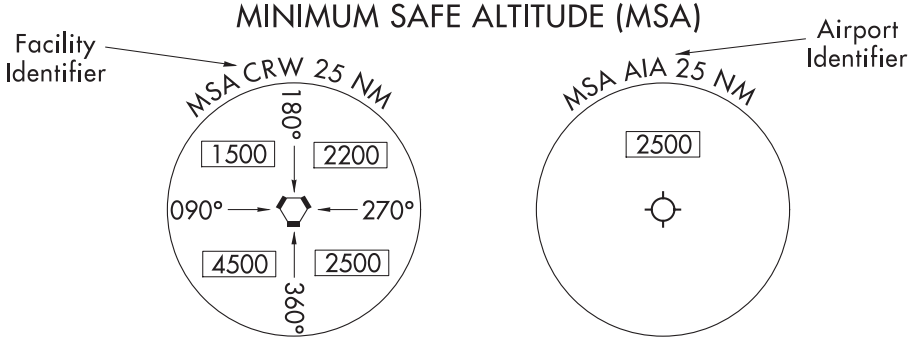
EC-2, 12 JUN 2025 to 07 AUG 2025

LEGEND 23110

INSTRUMENT APPROACH PROCEDURES (CHARTS)

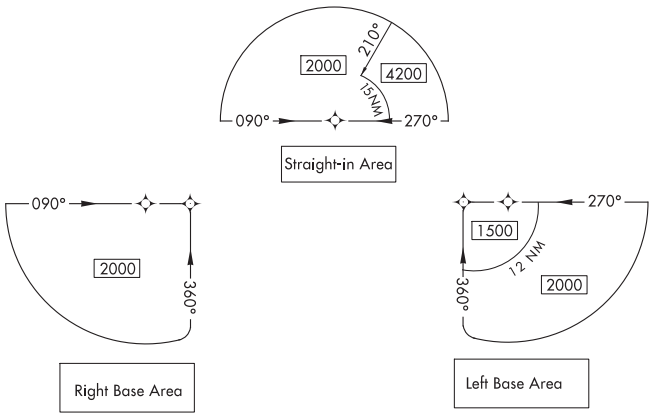
PLANVIEW SYMBOLS

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

AIRPORTS

Primary and Secondary (named in planview)

Civil

Seaplane Base

Heliport

Joint (Civil-Military)

OBSTACLES

- Spot Elevation
- Obstacle
- Highest Obstacle
- Highest Spot Elevation
- Group of Obstacles
- ± Doubtful accuracy

LEGEND 23110

EC-2, 12 JUN 2025 to 07 AUG 2025

LEGEND 24361

INSTRUMENT APPROACH PROCEDURES (CHARTS)

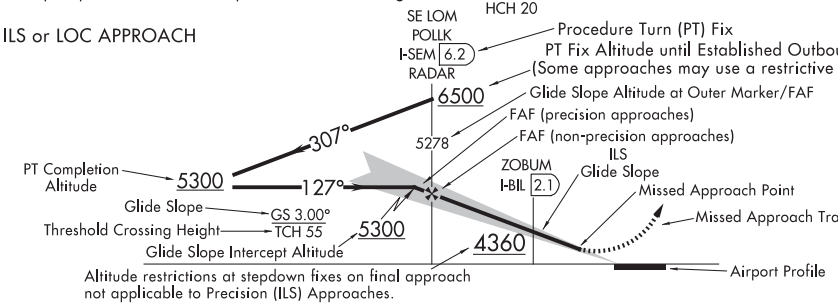
PROFILE VIEW

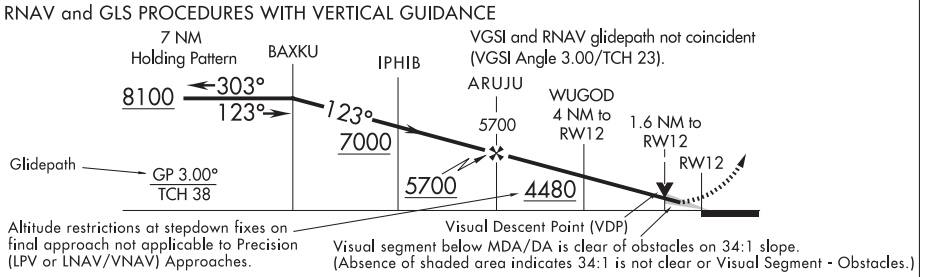
Three different methods are used to depict either electronic or vertical guidance: "GS", "GP", or "VDA".

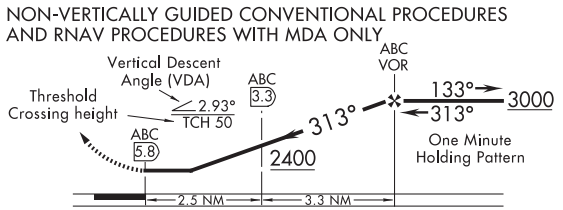
1. "GS" indicates that an Instrument Landing System (ILS) electronic glide slope (a ground antenna) provides vertical guidance. The profile section of ILS procedures depict a GS angle and TCH in the following format: GS 3.00°, TCH 55

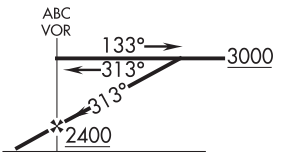
2. "GP" on GLS and RNAV procedures indicates that either electronic vertical guidance (via Wide Area Augmentation System - WAAS or Ground Based Augmentation System - GBAS) or barometric vertical guidance is provided. GLS and RNAV procedures with a published decision altitude (DA/H) depict a GP angle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

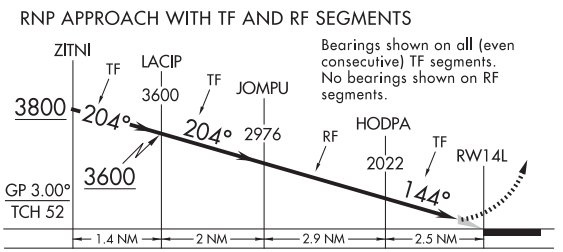
3. An advisory vertical descent angle (VDA) is provided on non-vertically guided conventional procedures and RNAV procedures with only a minimum descent altitude (MDA) to assist in preventing controlled flight into terrain. On Civil (FAA) procedures, this information is placed above or below the procedure 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.

LEGEND 24361

EC-2, 12 JUN 2025 to 07 AUG 2025

LEGEND 23334 STANDARD TERMINAL ARRIVAL (STAR) CHARTS

EC-2, 12 JUN 2025 to 07 AUG 2025

RADIO AIDS TO NAVIGATION

Compulsory:

VOR · VORTAC · DME · NDB/DME · VOR/DME · TACAN · NDB

Non-Compulsory:

VOR · VORTAC · DME · NDB/DME · VOR/DME · TACAN · NDB

LOM (Compass locator at outer marker)

Marker Beacon

Localizer Front Course

BACK COURSE

Localizer Back Course (Shading on left)

(T) indicates frequency protection range

ORLANDO
112.25 (T) ORL
Chan 59(Y)

Underline indicates no voice transmitted on this frequency

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

TACAN or DME NAVAID Box

SCOTT
Chan 59
SKE
(112.2)

VHF Paired Frequency

FIXES/ATC REPORTING REQUIREMENTS

Unnamed DME fix

▲ Reporting Point (Compulsory)

△ Reporting Point (Non-Compulsory)

Obvious DME (DME mileage matches route mileage)

75 DME Mileage (when not obvious)

Waypoint (Compulsory)

Waypoint (Non-Compulsory)

Flyover Point

x
(CFTSP) Computer Navigation Fix (CNF) - No ATC Function

AIRPORTS

Civil · Military · Joint (Civil-Military)

Airports not served by the procedure shown in screened color

Civil · Military · Joint (Civil-Military)

ROUTES

MAA FL200 Maximum Authorized Altitude

4500 MEA-Minimum Enroute Altitude

*3500 MOCA-Minimum Obstruction Clearance Altitude

270° Arrival Route

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

Transition Route

R-275 Radial line and value

Lost Communications Track

V12 J80 Airway/Jet Route Identification

(IAS) Holding Pattern

Lost Comm Holding Pattern

Holding pattern with maximum 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 Mandatory Altitude (Cross at)

2300 Minimum Altitude (Cross at or above)

4800 Maximum Altitude (Cross at or below)

15000
12000
Block Altitude

Altitude change at other than Radio Aids to Navigation

INDICATED AIRSPEED

175K Mandatory Airspeed

120K Minimum Airspeed

250K Maximum Airspeed

MISCELLANEOUS

Changeover Point

Air Defense Identification Zone

N
Indicates True North is not aligned to the top of the page

Ldg KLAS and KHND
Ldg Rwys 16L/C/R
Terminus identifier

LEGEND 23334

LEGEND 23334 DEPARTURE PROCEDURE (DP) CHARTS

RADIO AIDS TO NAVIGATION

Compulsory:

VOR VORTAC DME NDB/DME

VOR/DME TACAN NDB

Non-Compulsory:

VOR VORTAC DME NDB/DME

VOR/DME TACAN NDB

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

LOM (Compass locator at outer marker)

Marker Beacon

Localizer Front Course

BACK COURSE

Localizer Back Course (Shading on left)

(T) indicates frequency protection range

ORLANDO
112.25 (T) ORL
Chan 59(Y)

Underline indicates no voice transmitted on this frequency

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

TACAN or DME NAVAID Box

SCOTT
Chan 59
SKE
(112.2)

VHF Paired Frequency

FIXES/ATC REPORTING REQUIREMENTS

Unnamed DME fix

▲ Reporting Point (Compulsory)

△ Reporting Point (Non-Compulsory)

Obvious DME (DME mileage matches route mileage)

75 DME Mileage (when not obvious)

Waypoint (Compulsory)

Waypoint (Non-Compulsory)

Flyover Point

x (CFTSP) Computer Navigation Fix (CNF) - No ATC Function

MISCELLANEOUS

Changeover Point

Distance not to scale

International Boundary

Sector Boundary

Air Defense Identification Zone

Takeoff Minimums and (Obstacle) Departure Procedures entry published.

ROUTES

4500 MEA-Minimum Enroute Altitude

*3500 MOCA-Minimum Obstruction Clearance Altitude

270° Departure 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

V12 J80 Airway/Jet Route Identification

(IAS) Holding Pattern

Lost Comm Holding Pattern

Holding pattern with maximum 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 Mandatory Altitude (Cross at)

2300 Minimum Altitude (Cross at or above)

4800 Maximum Altitude (Cross at or below)

15000 / 12000 Block Altitude

TOP ALTITUDE: 5000 Top altitude restriction

INDICATED AIRSPEED

175K Mandatory Airspeed

120K Minimum Airspeed

250K Maximum Airspeed

AIRPORTS

Heliport

Civil Military Joint (Civil-Military)

MINIMUM SAFE ALTITUDE (MSA)

Facility Identifier

MSA CRW 25 NM
180°
4500 4100
090° 270°
5300 4700
360°

Airport Identifier

MSA AIA 25 NM
2500

(arrows on distance circle identify sectors)

LEGEND 23334

EC-2, 12 JUN 2025 to 07 AUG 2025

AIRPORT DIAGRAM/AIRPORT SKETCH

Runways

Hard Surface | Other Than Hard Surface | Taxiways, Parking Areas | Stopways, Overruns, Blast Pads | Metal Surface

Closed Runway | Closed Surface | Non-Movement | Under Construction | Water Runway

ARRESTING GEAR: Specific arresting gear systems; e.g., BAK12, MA-1A etc., shown on airport diagrams, not applicable to Civil Pilots. Military Pilots refer to appropriate DOD publications.

uni-directional | bi-directional | Jet Barrier

ARRESTING SYSTEM (EMAS)

REFERENCE FEATURES

Displaced Threshold
Hot Spot
Runway Holding Position Markings
Buildings
Self-Serve Fuel ##
Tanks
Obstructions
Airport Beacon #
Runway Radar Reflectors
Bridges
Control Tower # TWR

	Unlit	Lit
Wind Cone		
Landing Tee		
Tetrahedron		

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

See appropriate Chart Supplement for information.

Runway Weight Bearing Capacity or Pavement Classification Number (PCN)/Pavement Classification Rating (PCR) is shown as a codified expression. Refer to the appropriate Supplement/Directory for applicable codes e.g., RWY 14-32 PCR 560 R/B/W/T; S-75, D-185, 2D-325, 2D/2D2-1120

Helicopter Alighting Areas

Negative Symbols used to identify Copter Procedures

landing point.....

NOTE:
Landmark features depicted on Copter Approach insets and sketches are provided for visual reference only.

Runway TDZ elevation.....TDZE 123

Runway Slope..... ←0.3% Down.....0.8% UP→
(shown when rounded runway slope is ≥ 0.3%)

NOTE:
Runway Slope measured to midpoint on runways 8000 feet or longer.

U.S. Navy Optical Landing System (OLS) "OLS" location is shown because of its height of approximately 7 feet and proximity to edge of runway may create an obstruction for some types of aircraft.

Approach light symbols are shown in the Flight Information Handbook.

Airport diagram scales are variable.

True/magnetic North orientation may vary from diagram to diagram

Coordinate values are shown in 1 or ½ minute increments. They are further broken down into 6 second ticks, within each 1 minute increments.

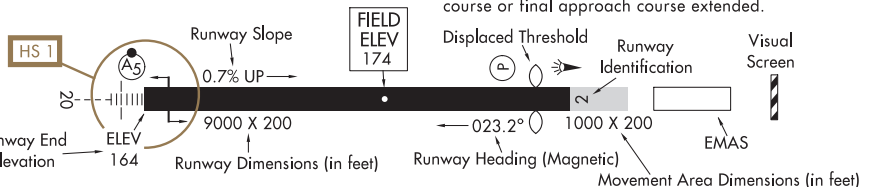
Positional accuracy within ± 600 feet unless otherwise noted on the chart.

Runway length depicted is the physical length of the runway (end-to-end, including displaced thresholds if any) but excluding areas designated as stopways.

A D symbol is shown to indicate runway declared distance information available, see appropriate Chart Supplement for distance information.

NOTE:
All new and revised airport diagrams are shown referenced to the World Geodetic System (WGS) (noted on appropriate diagram), and may not be compatible with local coordinates published in DoD FLIP. (Foreign Only)

The airport sketch box includes the final approach course or final approach course extended.



SCOPE

Airport diagrams are specifically designed to assist in the movement of ground traffic at locations with complex runway/taxiway configurations. Airport diagrams are not intended to be used for approach and landing or departure operations. For revisions to Airport Diagrams: Consult FAA Order 7910.4.

EC-2, 12 JUN 2025 to 07 AUG 2025

LEGEND 22195

INSTRUMENT APPROACH PROCEDURES (CHARTS)
APPROACH LIGHTING SYSTEM - UNITED STATES

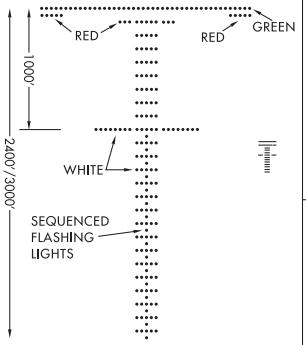
Approach lighting and visual glide slope systems are indicated on the airport sketch by an identifier, e.g., (A2), (V), etc.

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).

CATEGORY I APPROACH LIGHTING SYSTEM

(A1)

ALSF-1

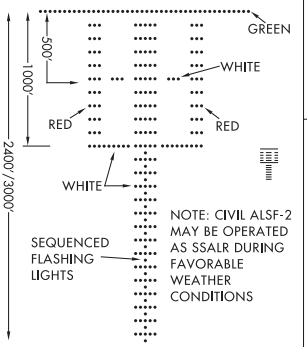


(High Intensity)
LENGTH 2400/3000 FEET

CATEGORY II APPROACH LIGHTING SYSTEM

(A)

ALSF-2

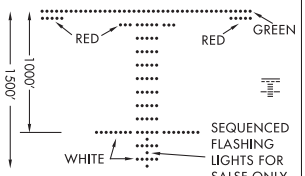


(High Intensity)
LENGTH 2400/3000 FEET

SHORT APPROACH LIGHTING SYSTEM

(A2) (A2)

SALS/SALSF



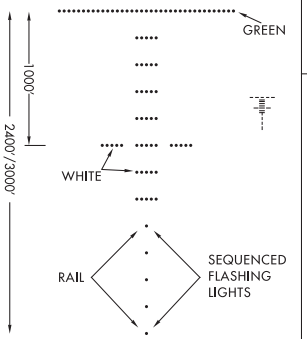
(High Intensity)
LENGTH 1500 FEET

SIMPLIFIED SHORT APPROACH LIGHTING SYSTEM

with Runway Alignment Indicator Lights

(A3)

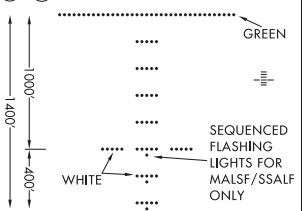
SSALR



(High Intensity)
LENGTH 2400/3000 FEET

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

(A4) (A4)



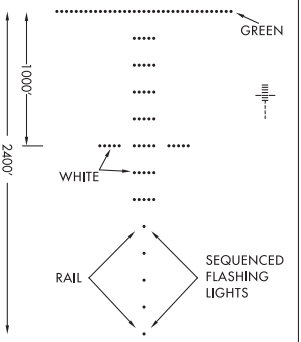
LENGTH 1400 FEET

MEDIUM INTENSITY APPROACH LIGHTING SYSTEM

with Runway Alignment Indicator Lights

(A5)

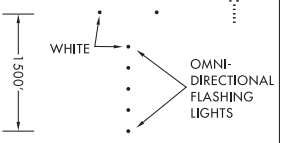
MALSR



LENGTH 2400 FEET

OMNIDIRECTIONAL APPROACH LIGHTING SYSTEM

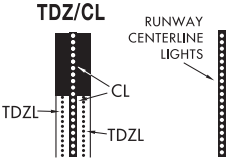
ODALS



LENGTH 1500 FEET

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"

LEGEND 22195

EC-2, 12 JUN 2025 to 07 AUG 2025

LEGEND 22195

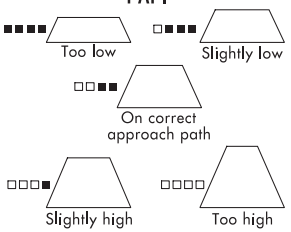
INSTRUMENT APPROACH PROCEDURES (CHARTS)
APPROACH LIGHTING SYSTEM - UNITED STATES

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



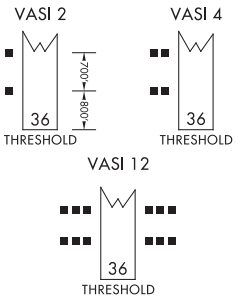
Legend: □ White ■ Red

(V) VISUAL APPROACH SLOPE INDICATOR

VASI

VISUAL APPROACH SLOPE INDICATOR WITH STANDARD THRESHOLD CLEARANCE PROVIDED.

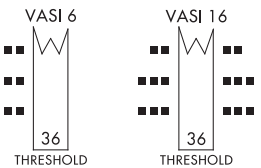
ALL LIGHTS WHITE — — TOO HIGH
FAR LIGHTS RED, NEAR LIGHTS WHITE — ON GLIDE SLOPE
ALL LIGHTS RED — — TOO LOW



(V3) VISUAL APPROACH SLOPE INDICATOR

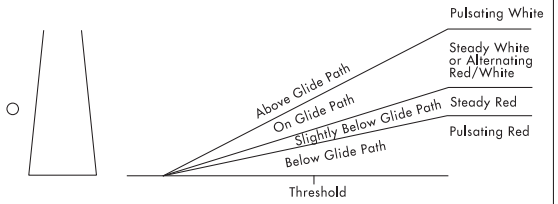
VASI

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



(V2) PULSATING VISUAL APPROACH SLOPE INDICATOR

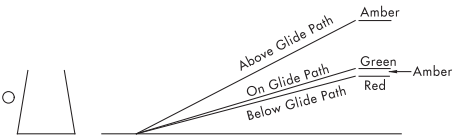
PVASI



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

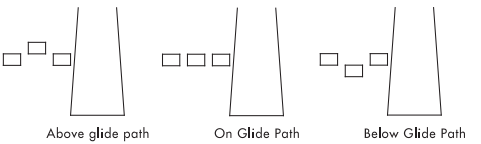
TRCV



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.

LEGEND 22195

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

SUPPLEMENTAL TABLES 25107

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.

SUPPLEMENTAL TABLES 25107

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SUPPLEMENTAL TABLES 25107

INSTRUMENT TAKEOFF AND APPROACH PROCEDURE CHARTS
RATE OF CLIMB TABLE
(ft per min)

The rate of climb table is provided for use in planning and executing climbs with a known or approximate ground speed. Rates of climb in ft per min are monitored with a vertical speed indicator (VSI). The use of a climb rate should not be used if it will exceed the aircraft's operational limitations.

ft/NM	%	GROUND SPEED (knots)										
		60	90	120	150	180	210	240	270	300	330	360
152	2.50	152	228	304	380	456	532	608	684	760	836	912
200	3.29	200	300	400	500	600	700	800	900	1000	1100	1200
210	3.46	210	315	420	525	630	735	840	945	1050	1155	1260
220	3.62	220	330	440	550	660	770	880	990	1100	1210	1320
230	3.79	230	345	460	575	690	805	920	1035	1150	1265	1380
240	3.95	240	360	480	600	720	840	960	1080	1200	1320	1440
250	4.11	250	375	500	625	750	875	1000	1125	1250	1375	1500
260	4.28	260	390	520	650	780	910	1040	1170	1300	1430	1560
270	4.44	270	405	540	675	810	945	1080	1215	1350	1485	1620
280	4.61	280	420	560	700	840	980	1120	1260	1400	1540	1680
290	4.77	290	435	580	725	870	1015	1160	1305	1450	1595	1740
300	4.94	300	450	600	750	900	1050	1200	1350	1500	1650	1800
310	5.10	310	465	620	775	930	1085	1240	1395	1550	1705	1860
320	5.27	320	480	640	800	960	1120	1280	1440	1600	1760	1920
330	5.43	330	495	660	825	990	1155	1320	1485	1650	1815	1980
340	5.60	340	510	680	850	1020	1190	1360	1530	1700	1870	2040
350	5.76	350	525	700	875	1050	1225	1400	1575	1750	1925	2100
360	5.92	360	540	720	900	1080	1260	1440	1620	1800	1980	2160
370	6.09	370	555	740	925	1110	1295	1480	1665	1850	2035	2220
380	6.25	380	570	760	950	1140	1330	1520	1710	1900	2090	2280
390	6.42	390	585	780	975	1170	1365	1560	1755	1950	2145	2340
400	6.58	400	600	800	1000	1200	1400	1600	1800	2000	2200	2400
450	7.41	450	675	900	1125	1350	1575	1800	2025	2250	2475	2700
500	8.23	500	750	1000	1250	1500	1750	2000	2250	2500	2750	3000
550	9.05	550	825	1100	1375	1650	1925	2200	2475	2750	3025	3300

SUPPLEMENTAL TABLES 25107

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SUPPLEMENTAL TABLES 25107

INSTRUMENT TAKEOFF AND APPROACH PROCEDURE CHARTS
RATE OF DESCENT TABLE

The rate of descent table is provided for use in planning and executingdescents with a known or approximate ground speed. The descent chart may also be used to calculate a constant rate of descent in the final segment on a non-precision approach. This rate of descent is advisory only. Rates of descent in ft per min are monitored with a vertical speed indicator (VSI). The use of a descent rate should not be used if it will exceed the aircraft's operational limitations.

ANGLE	ft/NM	GROUND SPEED (knots)										
		60	90	120	150	180	210	240	270	300	330	360
2.0	212	212	318	424	530	637	743	849	955	1061	1167	1273
2.5	265	265	398	531	663	796	929	1061	1194	1326	1459	1592
2.6	276	276	414	552	690	828	966	1104	1242	1380	1518	1655
2.7	287	287	430	573	716	860	1003	1146	1289	1433	1576	1719
2.8	297	297	446	594	743	892	1040	1189	1337	1486	1634	1783
2.9	308	308	462	616	770	923	1077	1231	1385	1539	1693	1847
3.0	318	318	478	637	796	955	1115	1274	1433	1592	1751	1911
3.1	329	329	494	658	823	987	1152	1316	1481	1645	1810	1974
3.2	340	340	510	679	849	1019	1189	1359	1529	1699	1868	2038
3.3	350	350	526	701	876	1051	1226	1401	1577	1752	1927	2102
3.4	361	361	541	722	902	1083	1263	1444	1624	1805	1985	2166
3.5	372	372	557	743	929	1115	1301	1487	1672	1858	2044	2230
3.6	382	382	573	765	956	1147	1338	1529	1720	1911	2103	2294
3.7	393	393	589	786	982	1179	1375	1572	1768	1965	2161	2358
3.8	404	404	605	807	1009	1211	1413	1614	1816	2018	2220	2421
3.9	414	414	621	828	1036	1243	1450	1657	1864	2071	2278	2485
4.0	425	425	637	850	1062	1275	1487	1700	1912	2124	2337	2549
4.5	478	478	717	956	1196	1435	1674	1913	2152	2391	2630	2869
5.0	532	532	797	1063	1329	1595	1861	2126	2392	2658	2924	3190
5.5	585	585	878	1170	1463	1755	2048	2340	2633	2925	3218	3510
6.0	639	639	958	1277	1597	1916	2235	2555	2874	3193	3512	3832
6.5	692	692	1038	1385	1731	2077	2423	2769	3115	3461	3808	4154
7.0	746	746	1119	1492	1865	2238	2611	2984	3357	3730	4103	4476
7.5	800	800	1200	1600	2000	2400	2800	3200	3600	4000	4400	4800
8.0	854	854	1281	1708	2135	2562	2989	3416	3843	4270	4697	5124
8.5	908	908	1362	1816	2270	2724	3178	3632	4086	4540	4994	5448
9.0	962	962	1444	1925	2406	2887	3368	3849	4331	4812	5293	5774
9.5	1017	1017	1525	2034	2542	3050	3559	4067	4576	5084	5592	6101
10.0	1071	1071	1607	2143	2678	3214	3750	4286	4821	5357	5893	6428

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ZZIPS ONE (RNAV) Z44
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LOC RWY 25 2
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LAHSO ..... O
STARS ..... BRWNZ FOUR (RNAV) Z1
HUUVR ONE (RNAV) Z14
ZZIPS ONE (RNAV) Z44
IAPS ..... ILS OR LOC RWY 01 5
ILS OR LOC RWY 05 6
ILS OR LOC RWY 19 7
ILS OR LOC RWY 23 8
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---SEE ST CLAIRSVILLE, OH

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IAPS ..... RNAV (GPS) RWY 28 521

NORWALK/HURON COUNTY
---SEE NORWALK, OH

OHIO STATE UNIVERSITY
---SEE COLUMBUS, OH

OHIO UNIVERSITY
---SEE ATHENS(ALBANY), OH

OTTAWA, OH
PUTNAM COUNTY(OWX)
TAKEOFF MINIMUMS L
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RNAV (GPS) RWY 27 523
VOR RWY 27 524

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CONCORD AIRPARK(2G1)
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IAPS ..... RNAV (GPS)-A 527

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---SEE TELL CITY, IN

PERU, IN
PERU MUNI(I76)
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IAPS ..... RNAV (GPS) RWY 01 528
RNAV (GPS) RWY 19 529

PERU, IN
---SEE GRISSOM ARB

PICKAWAY COUNTY MEML
---SEE CIRCLEVILLE, OH

PIKE COUNTY
---SEE WAVERLY, OH

PIQUA, OH
PIQUA/HARTZELL FLD(I17)
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IAPS ..... RNAV (GPS) RWY 08 530
RNAV (GPS) RWY 26 531
VOR RWY 26 532
VOR-A 533

PIQUA/HARTZELL FLD
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PORT CLINTON, OH
ERIE-OTTAWA INTL(PCW)
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IAPS ..... RNAV (GPS) RWY 09 536
RNAV (GPS) RWY 27 537

PORTAGE COUNTY
---SEE RAVENNA, OH

PORTER COUNTY RGNL
---SEE VALPARAISO, IN

PORTLAND, IN
PORTLAND MUNI(PLD)
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PUTNAM COUNTY
---SEE OTTAWA, OH

PUTNAM COUNTY RGNL
---SEE GREENCASTLE, IN

RANDOLPH COUNTY
---SEE WINCHESTER, IN

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TAKEOFF MINIMUMS, (OBSTACLE) DEPARTURE PROCEDURES, AND DIVERSE VECTOR AREA (RADAR VECTORS)

INSTRUMENT APPROACH PROCEDURE CHARTS

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.

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AKRON, OH

AKRON-CANTON RGNL (CAK)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 6 18NOV10 (10322) (FAA)

TAKEOFF OBSTACLE NOTES:

Rwy 1, multiple trees beginning 2756' from DER, 447' left of centerline, up to 116' AGL/1316' MSL.
Power lines beginning 3215' from DER, left and right of centerline, up to 80' AGL/1289' MSL.
Rwy 5, multiple trees beginning 840' from DER, 550' right of centerline, up to 116' AGL/1336' MSL.
Tree 577' from DER, 561' left of centerline, 46' AGL/1256' MSL.
Rwy 19, trees beginning 1998' from DER, 817' left of centerline, up to 100' AGL/1290' MSL.

AKRON FULTON INTL (AKR)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 2A 08SEP22 (22307) (FAA)

TAKEOFF MINIMUMS:

Rwy 7, 300-1½ or std. w/min. climb of 230' per NM to 1400 or alternatively, with std. takeoff minimums and a normal 200' per NM climb gradient, takeoff must occur no later than 1800' prior to DER.
Rwy 25, 300-1⅝ or std. w/min. climb of 705' per NM to 1500.

DEPARTURE PROCEDURE:

Rwy 25, climb on heading 249° to 2600 before turning right.

TAKEOFF OBSTACLE NOTES:

Rwy 7, terrain 45' from DER, 257' right of centerline, 1073' MSL.
Vehicles on road 62' from DER, 460' right of centerline, 1090' MSL.
Vehicles on road 90' from DER, 358' right of centerline, 1091' MSL.
Vehicles on road beginning 179' from DER, 397' right of centerline, up to 1095' MSL.
Terrain 196' from DER, 493' left of centerline, 1068' MSL.
Fence 251' from DER, 544' left of centerline, 7' AGL/1077' MSL.
Tree, terrain, vehicles on road, vegetation, fence beginning 295' from DER, on centerline, up to 1126' MSL.
Fence 372' from DER, 490' left of centerline, 8' AGL/1080' MSL.
Vehicles on road, terrain beginning 397' from DER, 317' left of centerline, up to 1088' MSL.
Pole, terrain, vehicles on road beginning 476' from DER, 104' left of centerline, up to 34' AGL/1106' MSL.
Tree, terrain, vehicles on road beginning 566' from DER, 7' left of centerline, up to 1134' MSL.
Pole, terrain beginning 572' from DER, 114' right of centerline, up to 1127' MSL.
CON'T

AKRON, OH (CON'T)

AKRON FULTON INTL (AKR) (CON'T)

Rwy 7 (CON'T), poles, terrain, vehicles on road beginning 654' from DER, 1' right of centerline, up to 32' AGL/1141' MSL.
Trees, vehicles on road, poles, terrain, building, fence, sign beginning 692' from DER, 75' left of centerline, up to 1171' MSL.
Tree, vehicles on road beginning 905' from DER, 256' right of centerline, up to 1162' MSL.
Trees, vehicles on road, terrain, poles, buildings beginning 944' from DER, 14' left of centerline, up to 1177' MSL.
Trees, vehicles on road, terrain, fence, pole, building beginning 985' from DER, 2' right of centerline, up to 1175' MSL.
Trees, vehicles on road, sign, building, terrain beginning 1273' from DER, 13' left of centerline, up to 1178' MSL.
Trees, terrain, poles, fence, vehicles on road, building beginning 1432' from DER, 11' left of centerline, up to 1192' MSL.
Tree, vehicles on road, terrain, fence, pole beginning 1459' from DER, 1' right of centerline, up to 1181' MSL.
Trees, buildings, vehicles on road, poles, fence beginning 1857' from DER, 18' right of centerline, up to 1192' MSL.
Trees, terrain, fence, vehicles on road, buildings, poles, vegetation beginning 1887' from DER, 6' left of centerline, up to 1198' MSL.
Trees, vehicles on road, buildings, poles beginning 2277' from DER, 4' right of centerline, up to 1195' MSL.
Trees, buildings, poles beginning 2727' from DER, 1' right of centerline, up to 1197' MSL.
Building 6043' from DER, 460' left of centerline, 123' AGL/1213' MSL.
Tree 1.1 NM from DER, 701' right of centerline, 1247' MSL.
Trees beginning 1.1 NM from DER, 200' right of centerline, up to 1258' MSL.
Tree 1.2 NM from DER, 301' right of centerline, 1254' MSL.
Rwy 25, tree 53' from DER, 497' right of centerline, 1091' MSL.
Vehicles on road, terrain beginning 66' from DER, 69' right of centerline, up to 1092' MSL.
Tree, vehicles on road, terrain beginning 100' from DER, 3' right of centerline, up to 1101' MSL.
Vehicles on road 133' from DER, 33' left of centerline, 1093' MSL.
Trees, fence, terrain beginning 170' from DER, 292' right of centerline, up to 1119' MSL.
Vehicles on road beginning 199' from DER, 130' left of centerline, up to 1094' MSL.
Trees, terrain beginning 215' from DER, 235' right of centerline, up to 1124' MSL.
Vehicles on road beginning 264' from DER, 225' left of centerline, up to 1095' MSL.
Vehicles on road 375' from DER, 403' left of centerline, 1096' MSL.
Tree 503' from DER, 541' left of centerline, 1108' MSL.
Tree 573' from DER, 473' right of centerline, 1142' MSL.
Trees, terrain, vehicles on road, fence, NAVAID, vegetation beginning 594' from DER, 23' right of centerline, up to 1165' MSL.
Trees beginning 614' from DER, 493' left of centerline, up to 1122' MSL.
Trees, fence, vehicles on road, vegetation, tank beginning 687' from DER, 3' left of centerline, up to 1156' MSL.
Trees, vegetation, vehicles on road beginning 1405' from DER, on centerline, up to 1166' MSL.
Trees, vegetation beginning 1590' from DER, 103' right of centerline, up to 1168' MSL.
Trees, vegetation beginning 1612' from DER, 8' right of centerline, up to 1192' MSL.
Pole, tree, vehicles on road, vegetation beginning 1671' from DER, 61' left of centerline, up to 37' AGL/1157' MSL.
Trees, vegetation beginning 1679' from DER, 12' right of centerline, up to 1208' MSL.
Trees, vegetation, poles beginning 1737' from DER, 52' left of centerline, up to 1172' MSL.
Trees, vegetation, terrain, fence, building beginning 1745' from DER, 66' right of centerline, up to 1221' MSL.
Tree 1785' from DER, 406' left of centerline, 1176' MSL.
Tree, vegetation, terrain, poles, fence, vehicles on road, building beginning 1786' from DER, 6' left of centerline, up to 1185' MSL.
Trees, terrain, vegetation, vehicles on road, buildings, poles, fence, signs, tower beginning 1948' from DER, 6' right of centerline, up to 64' AGL/1228' MSL.
Tree, vegetation, terrain, pole beginning 2056' from DER, 76' left of centerline, up to 1215' MSL.
Trees, vegetation, vehicles on road, terrain, pole beginning 2103' from DER, 17' left of centerline, up to 1225' MSL.
Trees, buildings, vegetation, terrain, vehicles on road, poles fence, stack, tank, sign beginning 2349' from DER, 6' left of centerline, up to 1227' MSL.
Antenna 1.3 NM from DER, 440' left of centerline, 307' AGL/1339' MSL.
Tower 1.3 NM from DER, 215' left of centerline, 305' AGL/1343' MSL.

ANDERSON, IN

ANDERSON RGNL (AID)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT1 10MAR11 (25107) (FAA)

TAKEOFF MINIMUMS:
Rwy 30, 300-1¼ or std w/ min climb of 220' per NM to 1200, or alternatively, with std takeoff minimums and a normal 200' per NM climb gradient, takeoff must occur no later than 1500' prior to DER.

TAKEOFF OBSTACLE NOTES:
Rwy 12, pole and trees beginning 509' from DER, 519' left of centerline, up to 100' AGL/1005' MSL.
Trees beginning 1947' from DER, 446' right of centerline, up to 100' AGL/1010' MSL.
Railroad 944' from DER, left and right of centerline, up to 23' AGL/945' MSL.
Rwy 18, trees beginning 437' from DER, 169' left of centerline, up to 100' AGL/951' MSL.
Trees beginning 440' from DER, 159' right of centerline, up to 100' AGL/1015' MSL.
Vehicles on road beginning 373' from DER, left and right of centerline, up to 15' AGL/922' MSL.
Terrain 417' from DER, 299' left of centerline, 0' AGL/918' MSL.
Rwy 30, tower and trees beginning 1516' from DER, 519' left of centerline, up to 161' AGL/1057' MSL.
Trees beginning 389' from DER, 344' right of centerline, up to 100' AGL/1009' MSL.
Vehicles on road beginning 152' from DER, left and right of centerline, up to 15' AGL/884' MSL.
Rwy 36, trees beginning 850' from DER, 133' left of centerline, up to 100' AGL/999' MSL.
Building and trees beginning 277' from DER, 361' right of centerline, up to 100' AGL/1009' MSL.
Vehicles on road beginning 165' from DER, left and right of centerline, up to 15' AGL/925' MSL.

ANGOLA, IN

TRI-STATE STEUBEN COUNTY (ANQ)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 1 31DEC20 (20366) (FAA)

TAKEOFF MINIMUMS:

Rwy 5, 300-1¼ or std. w/ min. climb of 360' per NM to 1300.

TAKEOFF OBSTACLE NOTES:

Rwy 5, fence, terrain beginning 8' from DER, 268' left of centerline, up to 6' AGL/1003' MSL.
Tree 9' from DER, 460' right of centerline, 1036' MSL.
Trees beginning 170' from DER, 335' left of centerline, up to 1027' MSL.
Trees beginning 237' from DER, 88' right of centerline, up to 1048' MSL.
Trees beginning 655' from DER, 292' right of centerline, up to 1075' MSL.
Trees beginning 845' from DER, 398' left of centerline, up to 1034' MSL.
Tree 1013' from DER, 671' left of centerline, 1040' MSL.
Trees beginning 1092' from DER, 585' left of centerline, up to 1074' MSL.
Tree 1312' from DER, 800' right of centerline, 1078' MSL.
Trees beginning 1397' from DER, 148' right of centerline, up to 1097' MSL.
Trees beginning 1709' from DER, 257' left of centerline, up to 1076' MSL.
Tree 1739' from DER, 928' right of centerline, 1098' MSL.
Trees, buildings, pole beginning 1740' from DER, 202' right of centerline, up to 1099' MSL.
Trees beginning 1828' from DER, 35' left of centerline, up to 1079' MSL.
Trees, poles, buildings, catenary beginning 1895' from DER, 18' right of centerline, up to 1103' MSL.
Trees, fence, terrain, pole beginning 1984' from DER, 14' left of centerline, up to 1106' MSL.
Trees, fence, poles, terrain, buildings, vehicles on traverse way beginning 2205' from DER, 1' left of centerline, up to 1122' MSL.
Trees, buildings, terrain, fence, tower, poles, general utility beginning 2628' from DER, 77' left of centerline, up to 1130' MSL.
Trees, pole, terrain, fence beginning 2927' from DER, 113' left of centerline, up to 1141' MSL.
Tree 3495' from DER, 459' right of centerline, up to 1125' MSL.
Trees beginning 3582' from DER, 366' right of centerline, up to 1134' MSL.
Trees beginning 3659' from DER, 652' right of centerline, up to 1140' MSL.
Trees beginning 3679' from DER, 117' right of centerline, up to 1141' MSL.
Trees, fence, terrain, beginning 3724' from DER, 218' left of centerline, up to 1147' MSL.
Trees, fence, terrain, buildings beginning 3819' from DER, 30' left of centerline, up to 1164' MSL.
Trees beginning 3838' from DER, 22' right of centerline, up to 1154' MSL.
Trees beginning 4029' from DER, abeam centerline, up to 1160' MSL.
Trees beginning 5636' from DER, 50' left of centerline, up to 1173' MSL.
Trees beginning 5721' from DER, 108' left of centerline, up to 1181' MSL.
Trees beginning 5832' from DER, 66' left of centerline, up to 1194' MSL.
Tree 6072' from DER, 522' left of centerline, 1171' MSL.

Rwy 23, vehicles on traverse way beginning 71' from DER, 343' left of centerline, 998' MSL.
Vehicles on traverse way beginning 114' from DER, 317' right of centerline, up to 1001' MSL.
Building 121' from DER, 456' left of centerline, 22' AGL/1003' MSL.
Building, vehicles on traverse way beginning 172' from DER, 229' left of centerline, up to 28' AGL/1012' MSL.
Trees, vehicles on traverse way, terrain beginning 245' from DER, 7' left of centerline, up to 1029' MSL.
Trees beginning 270' from DER, 374' right of centerline, up to 1002' MSL.
Trees beginning 497' from DER, 149' right of centerline, up to 1013' MSL.
Tree 631' from DER, 224' right of centerline, 1018' MSL.
Trees beginning 632' from DER, 78' right of centerline, up to 1023' MSL.
Trees, poles, terrain beginning 730' from DER, 74' right of centerline, up to 1053' MSL.
Terrain beginning 900' from DER, 10' left of centerline, up to 1031' MSL.
Tree 1331' from DER, 104' left of centerline, 1034' MSL.
Tree 1338' from DER, 18' left of centerline, 1036' MSL.
Trees beginning 1565' from DER, abeam centerline, up to 1061' MSL.
Tree 1623' from DER, 221' left of centerline, 1041' MSL.
Trees beginning 1682' from DER, 283' left of centerline, up to 1042' MSL.
Tree 1818' from DER, 367' left of centerline, 1053' MSL.
Trees beginning 1885' from DER, 2' left of centerline, up to 1065' MSL.
Trees beginning 2188' from DER, 629' left of centerline, up to 1067' MSL.
Trees beginning 2355' from DER, 621' left of centerline, up to 1072' MSL.
Trees beginning 2823' from DER, 37' left of centerline, up to 1082' MSL.
Trees beginning 3045' from DER, 35' left of centerline, up to 1092' MSL.
Trees beginning 3053' from DER, 89' right of centerline, up to 1084' MSL.

ASHLAND, OH

ASHLAND COUNTY (3G4)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 3 06MAY10 (10126) (FAA)

TAKEOFF OBSTACLE NOTES:

Rwy 1, trees beginning 61' from DER, 194' right of centerline, up to 50' AGL/1249' MSL.
Rwy 19, trees beginning 5' from DER, 167' left of centerline, up to 50' AGL/1259' MSL.

TAKEOFF MINIMUMS, (OBSTACLE) DEPARTURE PROCEDURES, AND DIVERSE VECTOR AREA (RADAR VECTORS)

25163

ASHTABULA, OH

NORTHEAST OHIO RGNL (HZY)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 1 12OCT17 (17285) (FAA)

TAKEOFF OBSTACLE NOTES:

Rwy 9, tree 492' from DER, 507' left of centerline, 23' AGL/942' MSL.
Tree 904' from DER, 708' left of centerline, 5' AGL/962' MSL.
Tree 1187' from DER, 650' left of centerline, 14' AGL/966' MSL.
Trees beginning 1259' from DER, 629' left of centerline, up to 40' AGL/967' MSL.
Tree 1370' from DER, 739' left of centerline, 76' AGL/995' MSL.
Trees beginning 1464' from DER, 619' left of centerline, up to 83' AGL/1002' MSL.
Trees beginning 1613' from DER, 699' left of centerline, up to 90' AGL/1010' MSL.
Trees beginning 1737' from DER, 575' left of centerline, up to 103' AGL/1023' MSL.
Trees beginning 1778' from DER, 468' left of centerline, up to 105' AGL/1026' MSL.
Tree 2099' from DER, 816' right of centerline, 49' AGL/981' MSL.
Tree 2139' from DER, 748' right of centerline, 73' AGL/999' MSL.
Trees beginning 2201' from DER, 169' right of centerline, up to 75' AGL/1003' MSL.
Rwy 27, trees beginning 746' from DER, 646' right of centerline, up to 45' AGL/939' MSL.
Pole 801' from DER, 484' left of centerline, 29' AGL/937' MSL.
Pole 818' from DER, 645' left of centerline, 35' AGL/938' MSL.
Trees beginning 1059' from DER, 678' right of centerline, up to 59' AGL/949' MSL.
Trees beginning 1134' from DER, 646' right of centerline, up to 84' AGL/978' MSL.
Trees beginning 1182' from DER, 740' left of centerline, up to 72' AGL/966' MSL.
Trees beginning 1978' from DER, 546' right of centerline, up to 92' AGL/991' MSL.
Tree 3418' from DER, 811' left of centerline, 97' AGL/995' MSL.
Tree 3717' from DER, 1073' left of centerline, 105' AGL/1003' MSL

ATHENS (ALBANY), OH

OHIO UNIVERSITY (UNI)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG-A 23JUL15 (15204) (FAA)

TAKEOFF MINIMUMS:

Rwy 7, 200-1 or std. w/ min. climb of 310' per NM to 1000.
Rwy 25, 200-1 or std. w/ min. climb of 360' per NM to 1000.

TAKEOFF OBSTACLE NOTES:

Rwy 7, trees beginning 4439' from DER, 1034' left of centerline, up to 100' AGL/933' MSL.
Trees beginning 2869' from DER, 1171' right of centerline, up to 100' AGL/879' MSL.
Vehicle abeam DER 451' left of centerline, 17' AGL/769' MSL.
Rwy 25, trees beginning 3371' from DER, 425' left of centerline, up to 100' AGL/925' MSL.
Trees beginning 1221' from DER, 624' right of centerline, up to 100' AGL/999' MSL.

AUBURN, IN

DE KALB COUNTY (GWB)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 1A 31OCT24 (24305) (FAA)

TAKEOFF OBSTACLE NOTES:

Rwy 9, trees beginning 2135' from DER, 975' right of centerline, up to 962' MSL.
Rwy 27, trees beginning 389' from DER, 483' left of centerline, up to 938' MSL.
Trees beginning 693' from DER, 613' right of centerline, up to 933' MSL.
Trees, pole beginning 787' from DER, 363' left of centerline, up to 949' MSL.
Trees beginning 1678' from DER, 546' right of centerline, up to 941' MSL.
Trees beginning 2086' from DER, 676' left of centerline, up to 957' MSL.
Trees beginning 2298' from DER, 693' left of centerline, up to 964' MSL.
Tree 2829' from DER, 1239' right of centerline, 948' MSL.
Trees beginning 2877' from DER, 1104' right of centerline, up to 956' MSL.

BARNESVILLE, OH

BARNESVILLE/BRADFIELD (6G5)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG-A 17APR25 (25107) (FAA)

TAKEOFF OBSTACLE NOTES:

Rwy 9, vegetation 4' from DER, 294' right of centerline, 1322' MSL.
Trees beginning 53' from DER, 90' left of centerline, up to 21' AGL/1328' MSL.
Vegetation 81' from DER, 419' right of centerline, 1325' MSL.
Vegetation 105' from DER, 250' right of centerline, 15' AGL/1330' MSL.
Trees, fence, vegetation beginning 164' from DER, 118' right of centerline, up to 78' AGL/1377' MSL.
Trees beginning 278' from DER, 22' right of centerline, up to 78' AGL/1386' MSL.
Tree 655' from DER, 4' left of centerline, 91' AGL/1330' MSL.
Rwy 27, vehicles on road 13' from DER, 94' right of centerline, 1323' MSL.
Poles, vehicles on road, fence, trees beginning 85' from DER, 15' left of centerline, up to 34' AGL/1327' MSL.
Vehicles on road 93' from DER, 22' right of centerline, 1324' MSL.
Poles, trees beginning 256' from DER, 29' left of centerline, up to 1335' MSL.

CON'T

TAKEOFF MINIMUMS, (OBSTACLE) DEPARTURE PROCEDURES, AND DIVERSE VECTOR AREA (RADAR VECTORS)

EC-2, 12 JUN 2025 to 07 AUG 2025

BARNESVILLE, OH (CON'T)

BARNESVILLE/BRADFIELD (6G5) (CON'T)

Rwy 27 (CON'T), building 351' from DER, 295' left of centerline, 1341' MSL.
Trees, buildings beginning 354' from DER, 184' left of centerline, up to 1371' MSL.
Tree 452' from DER, 16' right of centerline, 34' AGL/1331' MSL.
Tree 496' from DER, 243' left of centerline, 70' AGL/1394' MSL.
Trees beginning 533' from DER, 5' left of centerline, up to 75' AGL/1402' MSL.
Tree 550' from DER, 2' right of centerline, 39' AGL/1339' MSL.
Tree 1436' from DER, 198' right of centerline, 47' AGL/1345' MSL.
Tree 1565' from DER, 515' right of centerline, 1352' MSL.
Tree 1665' from DER, 554' right of centerline, 1354' MSL.
Tree 1817' from DER, 77' right of centerline, 53' AGL/1364' MSL.
Trees beginning 1866' from DER, 185' right of centerline, up to 1374' MSL.
Trees beginning 1946' from DER, 299' right of centerline, up to 1402' MSL.
Trees beginning 3176' from DER, 942' right of centerline, up to 75' AGL/1410' MSL.

BATAVIA, OH

CLERMONT COUNTY (I69)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 03MAY12 (12124) (FAA)

TAKEOFF OBSTACLE NOTES:
Rwy 4, terrain 8' from DER, 311' left of centerline, 813' MSL.
Trees beginning 89' from DER, left and right of centerline, up to 100' AGL/899' MSL.
Fence 195' from DER, 276' left of centerline, up to 19' AGL/819' MSL.
Vehicles on roadway beginning 237' from DER, left and right of centerline, up to 15' AGL/824' MSL.
Windsock 408' from DER, 225' right of centerline, up to 24' AGL/824' MSL.
Rwy 22, buildings 55' from DER, left and right of centerline, up to 22' AGL/862' MSL.
Trees beginning 81' from DER, left and right of centerline, up to 100' AGL/ 967' MSL.
Fences beginning 102' from DER, left and right of centerline, up to 17' AGL/857' MSL.
Poles beginning 195' from DER, left and right of centerline, up to 45' AGL/ 885' MSL.
Vehicles on roadway beginning 216' from DER, left and right of centerline, up to 15' AGL/866' MSL.
Sign 441' from DER, 231' left of centerline, up to 19' AGL/859' MSL.

BEDFORD, IN

VIRGIL I GRISSOM MUNI (BFR)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 22SEP11 (11265) (FAA)

TAKEOFF OBSTACLE NOTES:
Rwy 6, trees beginning 321' from DER, left and right of centerline, up to 112' AGL/830' MSL.
Rwy 13, trees beginning 78' from DER, left and right of centerline, up to 110' AGL/849' MSL.
Rwy 24, trees beginning 534' from DER, left and right of centerline, up to 100' AGL/800' MSL.
Rwy 31, trees beginning 27' from DER, left and right of centerline, up to 107' AGL/806' MSL.

BELLEFONTAINE, OH

BELLEFONTAINE RGNL (EDJ)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG-A 18OCT12 (12292) (FAA)

TAKEOFF MINIMUMS:
Rwy 7, std. w/min. climb of 245' per NM to 2100.

DEPARTURE PROCEDURE:
Rwy 7, climb heading 074° to 2100 before proceeding on course.

TAKEOFF OBSTACLE NOTES:
Rwy 7, trees beginning 2172' from DER, 43' right of centerline, up to 99' AGL/ 1224' MSL.
Trees beginning 2252' from DER, 77' left of centerline, up to 89' AGL/1228' MSL.
Rwy 25, tree 508' from DER, 539' right of centerline, 35' AGL/ 1144' MSL.
Ground 66' from DER, 494' right of centerline, 1107' MSL.

BLOOMINGTON, IN

MONROE COUNTY (BMG)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 6 25AUG11 (11237) (FAA)

TAKEOFF MINIMUMS:
Rwy 24, 300-1.

TAKEOFF OBSTACLE NOTES:
Rwy 6, poles and building beginning 424' from DER, 332' left of centerline, up to 29' AGL/874' MSL.
Trees beginning 491' from DER, left and right of centerline, up to 72' AGL/972' MSL.
Fence 181' from DER, 115' right of centerline, 6' AGL/846' MSL.
Vehicle on road beginning 89' from DER, left and right of centerline,15' AGL/862' MSL.
Rwy 17, vehicle on road 187' from DER, 18' right of centerline, 15' AGL/850' MSL.
Tree 1263' from DER, 625' right of centerline, 32' AGL/871' MSL.
Bush 855' from DER, 594' left of centerline, 25' AGL/862' MSL.
CON'T

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

BLOOMINGTON, IN (CON'T)

MONROE COUNTY (BMG) (CON'T)

Rwy 24, trees and poles beginning 158' from DER, left and right of centerline, up to 85' AGL/1021' MSL.
Fence 394' from DER, 72' left of centerline, 9' AGL/849' MSL.
Buildings beginning 1990' from DER, 321' right of centerline, up to 25' AGL/952' MSL.
Vehicle on road beginning 45' from DER, left and right of centerline, 15' AGL/945' MSL.
Rwy 35, trees beginning 2119' from DER, 120' left and right of centerline, up to 85' AGL/975' MSL.

BLUFFTON, OH

BLUFFTON (5G7)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 1A 15OCT15 (15288) (FAA)

TAKEOFF OBSTACLE NOTES:
Rwy 5, runway lights beginning 9' from DER, left and right of centerline, up to 3' AGL/848' MSL.
Road and pole beginning 53' from DER, left and right of centerline, up to 42' AGL/889' MSL.
Roads beginning 211' from DER, 330' right of centerline, up to 17' AGL/881' MSL.
Poles, road and tree beginning 497' from DER, up to 100' AGL/883' MSL.
Trees and poles beginning 1205' from DER, left and right of centerline, up to 100' AGL/911' MSL.
Rwy 23, runway lights beginning 8' from DER, left and right of centerline, up to 4' AGL/852' MSL.
Tree 91' from DER, 167' left of centerline, 100' AGL/853' MSL.
Tree 298' from DER, 506' right of centerline, 100' AGL/866' MSL.
Trees beginning 405 from DER, left and right of centerline, up to 100' AGL/900' MSL.
Trees beginning 1007' from DER, left and right of centerline, up to 100' AGL/932' MSL.

BOWLING GREEN, OH

WOOD COUNTY (1G0)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 3 15MAR07 (07074) (FAA)

TAKEOFF MINIMUMS:
Rwy 18, 300-1.

TAKEOFF OBSTACLE NOTES:
Rwy 18, building/tower 3581' from DER, 254' right of centerline, 141' AGL/841' MSL.

BRAZIL, IN

BRAZIL CLAY COUNTY (0I2)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

TAKEOFF MINIMUMS:
Rwys 9, 27, 300-1.

BRYAN, OH

WILLIAMS COUNTY (0G6)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG-A 12JUN25 (25163) (FAA)

TAKEOFF OBSTACLE NOTES:
Rwy 7, terrain 71' from DER, 121' right of centerline, 734' MSL.
Vehicles on road 91' from DER, 366' left of centerline, 747' MSL.
Tree, vehicles on road beginning 159' from DER, 171' left of centerline, up to 30' AGL/759' MSL.
Trees, building beginning 392' from DER, 400' right of centerline, up to 801' MSL.
Tree 636' from DER, 605' right of centerline, 822' MSL.
Trees, building beginning 781' from DER, 404' right of centerline, up to 823' MSL.
Trees beginning 937' from DER, 239' right of centerline, up to 828' MSL.
Trees beginning 1280' from DER, 164' right of centerline, up to 836' MSL.
Rwy 25, vegetation beginning 66' from DER, 473' left of centerline, up to 733' MSL.
Pole 208' from DER, 497' right of centerline, 38' AGL/768' MSL.
Poles, vehicles on road, buildings, tree, smokestack beginning 282' from DER, 216' right of centerline, up to 39' AGL/769' MSL.
Vehicles on road beginning 485' from DER, 87' left of centerline, up to 746' MSL.
Transmission lines, vehicles on road, poles beginning 533' from DER, 215' left of centerline, up to 41' AGL/769' MSL.
Tree 2267' from DER, 1087' left of centerline, 794' MSL.
Transmission line 2666' from DER, 958' right of centerline, 67' AGL/796' MSL.
Transmission line 2748' from DER, 991' right of centerline, 70' AGL/798' MSL.
Tree 2841' from DER, 1199' right of centerline, 806' MSL.
Trees beginning 2913' from DER, 1019' right of centerline, up to 810' MSL.

BUCYRUS, OH

PORT BUCYRUS/CRAWFORD COUNTY (17G)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 2 18NOV10 (22195) (FAA)

TAKEOFF MINIMUMS:

Rwy 4, 300-1½ or std. w/ min. climb of 297' per NM to 1300, or alternatively, with std. takeoff minimums and a normal 200' per NM climb gradient, takeoff must occur no later than 1400' prior to DER.

TAKEOFF OBSTACLE NOTES:

Rwy 4, terrain 4' from DER, 484' right of centerline, up to 1008' MSL.
Aircraft on ramp beginning 47' from DER, 289' right of centerline, up to 15' AGL/1019' MSL.
Terrain beginning 93' from DER, 245' left of centerline, up to 1008' MSL.
Vehicle on road beginning 107' from DER, 487' right of centerline, 15' AGL/1019' MSL.
Trees 229' from DER, 261' left of centerline, up to 100' AGL/1099' MSL.
Trees 2777' from DER,1207' left of centerline, up to 100' AGL/1109' MSL.
Trees 2933' from DER, 330' right of centerline, up to 100' AGL/1124' MSL.
Tower 1.1 NM from DER, 1798' left of centerline, 165' AGL/1175' MSL.
Rwy 22, buildings beginning 4' from DER, 352' right of centerline, up to 40' AGL/1044' MSL.
Vehicle on road beginning 243' from DER, 552' left of centerline, 15' AGL/1019' MSL.
Trees 426' from DER, 382' left of centerline, up to 100' AGL/1104' MSL.
Trees 733' from DER, 466' right of centerline, up to 100' AGL/1099' MSL.

CADIZ, OH

HARRISON COUNTY (8G6)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 4 10SEP20 (20254) (FAA)

TAKEOFF MINIMUMS:

Rwy 13, 300-1⅛ or std. w/min. climb of 274' per NM to 1400.

TAKEOFF OBSTACLE NOTES:

Rwy 13, tree, vegetation beginning 31' from DER, 98' left of centerline, up to 1133' MSL.
Building, tree beginning 55' from DER, 163' right of centerline, up to 17' AGL/1127' MSL.
Pole, tree beginning 190' from DER, 114' left of centerline, up to 39' AGL/1148' MSL.
Trees beginning 225' from DER, 154' right of centerline, up to 1132' MSL.
Tree, pole beginning 407' from DER, 82' left of centerline, up to 1175' MSL.
Tree 656' from DER, 449' right of centerline, 1137' MSL.
Tree 697' from DER, 281' right of centerline, 1139' MSL.
Tree 722' from DER, 647' right of centerline, 1144' MSL.
Tree 811' from DER, 450' right of centerline, 1156' MSL.
Trees beginning 858' from DER, 179' right of centerline, up to 1158' MSL.
Trees beginning 927' from DER, 58' right of centerline, up to 1169' MSL.
Tree, terrain, pole, fence beginning 1068' from DER, 44' right of centerline, up to 1199' MSL.
Tree 1530' from DER, 151' left of centerline, 1195' MSL.
Trees beginning 1620' from DER, 221' left of centerline, up to 1204' MSL.
Trees beginning 1727' from DER, 4' left of centerline, up to 1215' MSL.
Terrain, tree beginning 1927' from DER, 22' right of centerline, up to 1208' MSL.
Trees beginning 2703' from DER, 87' left of centerline, up to 1220' MSL.
Tree, terrain beginning 2811' from DER, 228' right of centerline, up to 1224' MSL.
Tree, terrain beginning 2944' from DER, 68' right of centerline, up to 1230' MSL.
Tree 3047' from DER, 126' left of centerline, 1222' MSL.
Tree, terrain beginning 3080' from DER, 43' right of centerline, up to 1232' MSL.
Trees beginning 3277' from DER, 401' right of centerline, up to 1233' MSL.
Trees beginning 3399' from DER, 104' right of centerline, up to 1234' MSL.
Tree 5966' from DER, 2009' right of centerline, 1273' MSL.
Tree 1 NM from DER, 2037' right of centerline, 1309' MSL.
Trees beginning 1 NM from DER, 1544' right of centerline, up to 1325' MSL.
Tree 1.3 NM from DER, 428' left of centerline, 1312' MSL.
Trees beginning 1.3 NM from DER, 343' left of centerline, up to 1329' MSL.
Trees beginning 1.4 NM from DER, 1568' left of centerline, up to 1339' MSL.
Tree 1.4 NM from DER, 1705' left of centerline, 1340' MSL.
Trees beginning 1.5 NM from DER, 1653' left of centerline, up to 1350' MSL.
Trees beginning 1.5 NM from DER, 1592' left of centerline, up to 1350' MSL.
Rwy 31, terrain 40' from DER, 175' right of centerline, 1198' MSL.
Terrain 71' from DER, 374' left of centerline, 1188' MSL.
Terrain 89' from DER, 287' right of centerline, 1219' MSL.
Terrain 99' from DER, 195' left of centerline, 1194' MSL.
Trees and fence beginning 136' from DER, 5' right of centerline, up to 1229' MSL.
Terrain 196' from DER, 494' left of centerline, 1213' MSL.
Trees beginning 204' from DER, 200' left of centerline, up to 1214' MSL.
Fence beginning 341' from DER, 97' left of centerline, up to 3' AGL/1218' MSL.
Trees and fence beginning 403' from DER, 1' right of centerline, up to 1235' MSL.
Fence beginning 485' from DER, 100' left of centerline, up to 4' AGL/1219' MSL.
Fence beginning 802' from DER, 109' left of centerline, up to 4' AGL/1224' MSL.
Fence and vegetation beginning 964' from DER, 41' left of centerline, up to 4' AGL/1226' MSL.
Trees and fence beginning 991' from DER, 88' left of centerline, up to 1229' MSL.

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CALDWELL, OH

NOBLE COUNTY (I10)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 1 22MAY97 (97146) (FAA)

TAKEOFF MINIMUMS:

Rwy 5, 23, 400-1.

DEPARTURE PROCEDURE:

Rwy 23, climb runway heading to 1500 before turning.

CAMBRIDGE, OH

CAMBRIDGE MUNI (CDI)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 3 05MAR15 (15064) (FAA)

TAKEOFF MINIMUMS:

Rwy 4, 400-2 or std. w/min. climb of 397' per NM to 1400.

Rwy 22, 300-1½ or std. w/min. climb of 685' per NM to 1100.

DEPATURE PROCEDURE:

Rwy 4, climb heading 040° to 1300 before turning left.

TAKEOFF OBSTACLE NOTES:

Rwy 4, multiple trees beginning 161' from DER, 179' left of centerline, up to 51' AGL/849' MSL.
Multiple trees beginning 672' from DER, 563' right of centerline, up to 62' AGL/860' MSL.
Multiple poles beginning 301' from DER, 519' right of centerline, up to 31' AGL/973' MSL.
Multiple towers beginning 794' from DER, 659' left of centerline, up to 43' AGL/835' MSL.
Building 639' from DER, 386' right of centerline, 25' AGL/825' MSL.
Multiple poles beginning 990' from DER, 26' left of centerline, up to 36' AGL/826' MSL.
Multiple trees beginning 1147' from DER, 144' right of centerline, up to 74' AGL/872' MSL.
Multiple trees beginning 1307' from DER, 2' left of centerline, up to 89' AGL/887' MSL.
Multiple towers, poles beginning 1040' from DER, 336' right of centerline, up to 48' AGL/843' MSL.
Multiple towers, poles beginning 1089' from DER, 613' left of centerline, up to 36' AGL/833' MSL.
Sign 1029' from DER, 623' left of centerline, 35' AGL/832' MSL.
Monument 1.5 NM from DER, 402' left of centerline, 120' AGL/1098' MSL.
Multiple trees beginning 1.5 NM from DER, 738' right of centerline, up to 100' AGL/1126' MSL.
Tower 2.8 NM from DER, 4400' left of centerline, 233' AGL/1106' MSL.
Rwy 22, multiple trees beginning 204' from DER, 309' right of centerline, up to 100' AGL/931' MSL.
Multiple poles beginning 366' from DER, 43' right of centerline, up to 35' AGL/834' MSL.
NAVAID 300' from DER, 1' right of centerline, 9' AGL/807' MSL.
Obstruction light on DME 477' from DER, 168' right of centerline, 19' AGL/817' MSL.
Multiple trees beginning 1004' from DER, 395' left of centerline, up to 100' AGL/1023' MSL.
Multiple poles beginning 1165' from DER, 93' left of centerline, up to 34' AGL/1021' MSL.
Building 1272' from DER, 426' right of centerline, 21' AGL/881' MSL.

CARROLLTON, OH

CARROLL COUNTY-TOLSON (TSO)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 5 02DEC21 (21336) (FAA)

TAKEOFF MINIMUMS:

Rwy 7, 400-2½ or std. w/min. climb of 611' per NM to 1400.

TAKEOFF OBSTACLE NOTES:

Rwy 7, trees, poles beginning 28' from DER, 8' left of centerline, up to 82' AGL/1232' MSL.
Trees beginning 343' from DER, 177' right of centerline, up to 65' AGL/1187' MSL.
Trees beginning 403' from DER, 117' right of centerline, up to 1195' MSL.
Tree 613' from DER, 205' right of centerline, 77' AGL/1203' MSL.
Trees beginning 625' from DER, 54' right of centerline, up to 1212' MSL.
Trees, building beginning 1511' from DER, 502' left of centerline, up to 1246' MSL.
Trees beginning 1549' from DER, 538' right of centerline, up to 1223' MSL.
Trees beginning 1566' from DER, 5' left of centerline, up to 1248' MSL.
Tree 1666' from DER, 612' left of centerline, 1270' MSL.
Trees beginning 1671' from DER, 38' left of centerline, up to 1299' MSL.
Trees beginning 1779' from DER, 25' right of centerline, up to 70' AGL/1253' MSL.
Trees beginning 1836' from DER, 28' left of centerline, up to 1311' MSL.
Trees beginning 1926' from DER, 41' left of centerline, up to 1312' MSL.
Trees beginning 1961' from DER, 60' right of centerline, up to 69' AGL/1264' MSL.
Tree 2003' from DER, 246' right of centerline, 70' AGL/1271' MSL.
Trees beginning 2014' from DER, 133' right of centerline, up to 81' AGL/1279' MSL.
Trees beginning 2035' from DER, 2' right of centerline, up to 108' AGL/1300' MSL.
Trees beginning 2075' from DER, 22' left of centerline, up to 77' AGL/1322' MSL.
Trees beginning 2183' from DER, 53' left of centerline, up to 88' AGL/1323' MSL.
Trees beginning 2383' from DER, 6' left of centerline, up to 119' AGL/1325' MSL.
Trees beginning 2545' from DER, 101' left of centerline, up to 114' AGL/1333' MSL.
Trees beginning 2606' from DER, 181' left of centerline, up to 71' AGL/1334' MSL.
Trees beginning 2706' from DER, 291' left of centerline, up to 76' AGL/1342' MSL.
Trees, transmission line beginning 3135' from DER, 25' left of centerline, up to 1344' MSL.
Tree 1.1 NM from DER, 1828' right of centerline, 91' AGL/1355' MSL.

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CARROLLTON, OH (CON'T)

CARROLL COUNTY-TOLSON (TSO) (CON'T)

Rwy 7 (CON'T), transmission line 2 NM from DER, 823' right of centerline, 118' AGL/1479' MSL.
Rwy 25, tree 47' from DER, 240' left of centerline, 1183' MSL.
Terrain 119' from DER, 521' left of centerline, 1184' MSL.
Trees beginning 129' from DER, 253' left of centerline, up to 9' AGL/1191' MSL.
Trees beginning 213' from DER, 245' left of centerline, up to 1199' MSL.
Trees beginning 595' from DER, 322' left of centerline, up to 1205' MSL.
Trees beginning 880' from DER, 677' left of centerline, up to 1236' MSL.
Transmission line 5230' from DER, 1788' left of centerline, 1306' MSL.

CELINA, OH

LAKEFIELD (CQA)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 2 11FEB10 (10042) (FAA)

TAKEOFF OBSTACLE NOTES:
Rwy 8, trees beginning 782' from DER, 7' right of centerline, up to 100' AGL/969' MSL.
Trees beginning 57' from DER, 130' left of centerline, up to 100' AGL/976' MSL.
Rwy 26, vehicle 63' from DER, 469' right of centerline, 15' AGL/909' MSL.
Poles beginning 127' from DER, 145' right of centerline, up to 51' AGL/941' MSL.
Antenna 653' from DER, 498' right of centerline, 33' AGL/923' MSL.
Trees beginning 1194' from DER, 319' right of centerline, up to 100' AGL/952' MSL.

CHILLICOTHE, OH

ROSS COUNTY (RZT)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 3A 17NOV11 (11321) (FAA)

TAKEOFF MINIMUMS:
Rwy 23, 400-1 or std. with min. climb of 340' per NM to 1300.
DEPARTURE PROCEDURE:
Rwy 5, climb runway heading to 1500 before turning right.
Rwy 23, climb runway heading to 1500 before turning left.

CINCINNATI, OH

CINCINNATI MUNI/LUNKEN FLD (LUK)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 16 11JUL24 (24193) (FAA)

TAKEOFF MINIMUMS:
Rwy 3, 400-2 w/min climb of 234'/NM to 1300 or std w/min climb of 384'/NM to 1100, or 1700-3 for VCOA.
Rwy 7, 400-2¼ w/min climb of 207'/NM to 1300 or std w/min climb of 451'/NM to 900, or 1700-3 for VCOA.
Rwy 21, 500-3 w/min climb of 230'/NM to 1300 or std w/min climb of 439'/NM to 1000, or 1700-3 for VCOA.
Rwy 25, 600-3 w/min climb of 216'/NM to 1200, or 1700-3 for VCOA.
DEPARTURE PROCEDURE:
Rwy 3, climb on heading 025° to 1400 before proceeding on course.
Rwy 7, climb on heading 066° to 1300 before proceeding on course.
Rwy 21, climb on heading 205° to 1400 before proceeding on course.
Rwy 25, climb on heading 246° to 1900 before proceeding on course.
VCOA:
All runways, obtain ATC approval for VCOA when requesting IFR clearance. Climb in visual conditions to cross Cincinnati Muni/Lunken Fld at or above 2000 before proceeding on course.
TAKEOFF OBSTACLE NOTES:
Rwy 3, terrain 30' from DER, 476' left of centerline, 476' MSL.
Trees beginning 513' from DER, 335' right of centerline, up to 521' MSL.
Trees beginning 913' from DER, 579' left of centerline, up to 508' MSL.
Trees beginning 1084' from DER, 185' left of centerline, up to 527' MSL.
Trees beginning 1573' from DER, 128' right of centerline, up to 50' AGL/524' MSL.
Trees beginning 1662' from DER, 177' left of centerline, up to 529' MSL.
Trees beginning 1885' from DER, 285' right of centerline, up to 531' MSL.
Tree 1969' from DER, 501' right of centerline, 532' MSL.
Tree 2015' from DER, 979' right of centerline, 58' AGL/533' MSL.
Trees beginning 2058' from DER, 385' right of centerline, up to 539' MSL.
Trees beginning 2437' from DER, 896' right of centerline, up to 549' MSL.
Tree 2448' from DER, 749' left of centerline, 538' MSL.
Trees beginning 2621' from DER, 587' right of centerline, up to 551' MSL.
Tree 2641' from DER, 1000' left of centerline, 543' MSL.
Trees beginning 2649' from DER, 424' right of centerline, up to 558' MSL.
Trees beginning 2698' from DER, 196' right of centerline, up to 572' MSL.
Trees beginning 2814' from DER, 98' right of centerline, up to 574' MSL.
Trees beginning 2833' from DER, 984' left of centerline, up to 553' MSL.
Tree 2914' from DER, 316' left of centerline, 556' MSL.
Trees beginning 2954' from DER, 439' left of centerline, up to 561' MSL.
Trees beginning 3128' from DER, 730' left of centerline, up to 574' MSL.
CON'T

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TAKEOFF MINIMUMS, (OBSTACLE) DEPARTURE PROCEDURES, AND DIVERSE VECTOR AREA (RADAR VECTORS)

25163

CINCINNATI, OH (CON'T)

CINCINNATI MUNI/LUNKEN FLD (LUK) (CON'T)

Rwy 3 (CON'T), trees beginning 3336' from DER, 39' left of centerline, up to 585' MSL.
Trees beginning 3363' from DER, 537' right of centerline, up to 576' MSL.
Trees beginning 3596' from DER, 627' right of centerline, up to 578' MSL.
Trees beginning 3695' from DER, 589' right of centerline, up to 579' MSL.
Trees beginning 3843' from DER, 730' right of centerline, up to 103' AGL/584' MSL.
Trees beginning 1.1 NM from DER, 2295' left of centerline, up to 709' MSL.
Trees, terrain beginning 1.2 NM from DER, 2192' left of centerline, up to 807' MSL.
Trees, building, poles beginning 1.3 NM from DER, 1811' left of centerline, up to 70' AGL/875' MSL
Rwy 7, light poles 10' from DER, 59' right of centerline, 2' AGL/476' MSL.
Building 246' from DER, 553' left of centerline, 486' MSL.
Tree 530' from DER, 567' left of centerline, 26' AGL/498' MSL.
Trees beginning 706' from DER, 423' right of centerline, up to 521' MSL.
Trees beginning 946' from DER, 82' right of centerline, up to 538' MSL.
Tree 1155' from DER, 559' left of centerline, 33' AGL/505' MSL.
Trees beginning 1190' from DER, 84' left of centerline, up to 48' AGL/521' MSL.
Trees beginning 1512' from DER, 265' left of centerline, up to 50' AGL/524' MSL.
Trees beginning 1576' from DER, 30' left of centerline, up to 58' AGL/530' MSL.
Trees beginning 1718' from DER, 260' left of centerline, up to 532' MSL.
Trees beginning 1806' from DER, 316' left of centerline, up to 537' MSL.
Trees beginning 1810' from DER, 115' right of centerline, up to 550' MSL.
Trees beginning 2033' from DER, 300' left of centerline, up to 539' MSL.
Trees beginning 2116' from DER, 266' right of centerline, up to 77' AGL/551' MSL.
Trees beginning 2172' from DER, 21' right of centerline, up to 575' MSL.
Trees beginning 2272' from DER, 680' left of centerline, up to 545' MSL.
Tree 2425' from DER, 532' left of centerline, 549' MSL.
Trees beginning 2451' from DER, 729' left of centerline, up to 556' MSL.
Trees beginning 2499' from DER, 278' left of centerline, up to 572' MSL.
Trees beginning 2769' from DER, 16' left of centerline, up to 574' MSL.
Trees beginning 2879' from DER, on and right of centerline, up to 592' MSL.
Trees beginning 3002' from DER, 141' left of centerline, up to 100' AGL/576' MSL.
Trees beginning 3723' from DER, 1369' right of centerline, up to 668' MSL.
Trees, building, terrain beginning 3889' from DER, 1033' right of centerline, up to 694' MSL.
Trees beginning 4531' from DER, 1354' right of centerline, up to 709' MSL.
Trees beginning 4546' from DER, 1087' right of centerline, up to 731' MSL.
Trees beginning 1.1 NM from DER, 1899' right of centerline, up to 737' MSL.
Trees beginning 1.2 NM from DER, 1131' right of centerline, up to 782' MSL.
Trees, buildings beginning 1.2 NM from DER, 1224' right of centerline, up to 813' MSL.
Trees beginning 1.3 NM from DER, 1653' right of centerline, up to 79' AGL/823' MSL.
Tree 1.6 NM from DER, 2999' right of centerline, 759' MSL.
Rwy 21, vegetation 90' from DER, 436' right of centerline, 7' AGL/486' MSL.
Trees beginning 437' from DER, 602' left of centerline, up to 509' MSL.
Tree 748' from DER, 605' left of centerline, 511' MSL.
Trees beginning 835' from DER, 587' left of centerline, up to 522' MSL.
Trees beginning 945' from DER, 583' left of centerline, up to 531' MSL.
Trees beginning 1288' from DER, 720' left of centerline, up to 535' MSL.
Tree 1510' from DER, 880' right of centerline, 524' MSL.
Tree 1553' from DER, 747' right of centerline, 525' MSL.
Trees beginning 1590' from DER, 648' right of centerline, up to 527' MSL.
Trees beginning 1597' from DER, 635' left of centerline, up to 570' MSL.
Trees beginning 1693' from DER, 218' right of centerline, up to 543' MSL.
Trees beginning 1770' from DER, 576' left of centerline, up to 573' MSL.
Trees beginning 1962' from DER, 173' left of centerline, up to 575' MSL.
Tree 2236' from DER, 372' right of centerline, 546' MSL.
Tree 2246' from DER, 250' right of centerline, 66' AGL/547' MSL.
Trees beginning 2347' from DER, 424' right of centerline, up to 549' MSL.
Trees beginning 2529' from DER, 6' left of centerline, up to 588' MSL.
Tree 2538' from DER, 600' right of centerline, 550' MSL.
Trees beginning 2601' from DER, 725' right of centerline, up to 556' MSL.
Tree 2923' from DER, 84' right of centerline, 96' AGL/575' MSL.
Trees beginning 3044' from DER, 3' right of centerline, up to 104' AGL/580' MSL.
Tree 3254' from DER, 328' right of centerline, 105' AGL/582' MSL.
Trees beginning 3344' from DER, 285' right of centerline, up to 106' AGL/584' MSL.
Trees beginning 3470' from DER, 42' right of centerline, up to 115' AGL/591' MSL.
Trees beginning 3614' from DER, 7' right of centerline, up to 135' AGL/597' MSL.
Tree 3868' from DER, 39' left of centerline, 129' AGL/589' MSL.
Trees beginning 3920' from DER, 111' left of centerline, up to 617' MSL.
Trees beginning 4007' from DER, 1406' left of centerline, up to 634' MSL.
Trees beginning 4102' from DER, 1321' left of centerline, up to 654' MSL.
Trees beginning 4376' from DER, 1254' left of centerline, up to 713' MSL.
Trees beginning 4614' from DER, 1152' left of centerline, up to 734' MSL.
Tree 1.4 NM from DER, 2928' right of centerline, 743' MSL.
Trees beginning 1.5 NM from DER, 2239' right of centerline, up to 876' MSL.
Trees, pole, terrain beginning 1.6 NM from DER, 1845' right of centerline, up to 890' MSL.
CON'T

TAKEOFF MINIMUMS, (OBSTACLE) DEPARTURE PROCEDURES, AND DIVERSE VECTOR AREA (RADAR VECTORS)

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CINCINNATI, OH (CON'T)

CINCINNATI MUNI/LUNKEN FLD (LUK) (CON'T)

Rwy 21 (CON'T), building spires, building, tree beginning 1.9 NM from DER, 1589' right of centerline, up to 78' AGL/891' MSL.
Antennas, trees, towers, pole beginning 2 NM from DER, 259' right of centerline, up to 160' AGL/978' MSL.
Rwy 25, terrain 2' from DER, 417' left of centerline, 483' MSL.
Fence 79' from DER, 460' right of centerline, 487' MSL.
Buildings beginning 177' from DER, 154' left of centerline, up to 35' AGL/518' MSL.
Pole 182' from DER, 310' right of centerline, 511' MSL.
Trees, vehicle on road, transmission lines, poles, terrain, buildings beginning 195' from DER, on centerline, up to 67' AGL/551' MSL.
Tree, buildings, poles beginning 513' from DER, on and left of centerline, up to 549' MSL.
Tree, terrain beginning 597' from DER, 50' left of centerline, up to 552' MSL.
Trees, transmission lines, signs beginning 1176' from DER, 34' left of centerline, up to 553' MSL.
Trees beginning 1628' from DER, 281' right of centerline, up to 570' MSL.
Tree 3484' from DER, 393' right of centerline, 103' AGL/577' MSL.
Trees beginning 3531' from DER, 256' right of centerline, up to 589' MSL.
Trees, transmission line beginning 3650' from DER, 152' right of centerline, up to 604' MSL.
Tree 3733' from DER, 361' left of centerline, 101' AGL/578' MSL.
Trees beginning 3752' from DER, 119' left of centerline, up to 81' AGL/584' MSL.
Trees beginning 3753' from DER, 17' right of centerline, up to 605' MSL.
Trees beginning 3800' from DER, 288' right of centerline, up to 640' MSL.
Trees beginning 3830' from DER, 708' right of centerline, up to 660' MSL.
Trees beginning 3857' from DER, 45' left of centerline, up to 76' AGL/590' MSL.
Trees, transmission line beginning 3872' from DER, 175' right of centerline, up to 672' MSL.
Trees beginning 3896' from DER, 287' right of centerline, up to 708' MSL.
Trees beginning 3975' from DER, 159' right of centerline, up to 715' MSL.
Tree 4033' from DER, 1524' right of centerline, 721' MSL.
Trees beginning 4037' from DER, 167' left of centerline, up to 45' AGL/594' MSL.
Trees beginning 4049' from DER, 273' right of centerline, up to 740' MSL.
Tree, terrain beginning 4073' from DER, 495' right of centerline, up to 761' MSL.
Trees, terrain beginning 4096' from DER, 19' right of centerline, up to 779' MSL.
Tree 4104' from DER, 56' left of centerline, 87' AGL/600' MSL.
Trees beginning 4115' from DER, 553' left of centerline, up to 645' MSL.
Trees beginning 4139' from DER, 145' left of centerline, up to 106' AGL/651' MSL.
Trees beginning 4166' from DER, 270' left of centerline, up to 91' AGL/689' MSL.
Trees beginning 4184' from DER, 79' left of centerline, up to 77' AGL/704' MSL.
Trees beginning 4236' from DER, 172' left of centerline, up to 707' MSL.
Trees, terrain beginning 4284' from DER, 28' right of centerline, up to 800' MSL.
Trees beginning 4322' from DER, 30' left of centerline, up to 74' AGL/733' MSL.
Tree 4360' from DER, 520' left of centerline, 769' MSL.
Trees beginning 4374' from DER, 111' left of centerline, up to 780' MSL.
Trees beginning 4504' from DER, 482' left of centerline, up to 788' MSL.
Trees, terrain beginning 4512' from DER, 66' left of centerline, up to 797' MSL.
Tree, terrain, building beginning 4523' from DER, 39' right of centerline, up to 807' MSL.
Trees, building, terrain beginning 4690' from DER, 21' left of centerline, up to 814' MSL.
Trees, building, terrain beginning 4706' from DER, 81' right of centerline, up to 817' MSL.
Trees, terrain beginning 4830' from DER, 256' right of centerline, up to 825' MSL.
Trees, building, terrain beginning 4879' from DER, 137' right of centerline, up to 831' MSL.
Trees, terrain beginning 4939' from DER, 44' right of centerline, up to 843' MSL.
Tree 4973' from DER, 1637' left of centerline, 835' MSL.
Trees, terrain, buildings beginning 4980' from DER, 37' left of centerline, up to 862' MSL.
Trees beginning 5078' from DER, 340' right of centerline, up to 862' MSL.
Trees beginning 5133' from DER, 39' right of centerline, up to 864' MSL.
Trees, pole beginning 5206' from DER, 47' left of centerline, up to 869' MSL.
Trees beginning 5255' from DER, 292' right of centerline, up to 869' MSL.
Trees, transmission line beginning 5301' from DER, 136' right of centerline, up to 870' MSL.
Trees, transmission line beginning 5319' from DER, 36' right of centerline, up to 877' MSL.
Trees, terrain, buildings beginning 5394' from DER, 43' right of centerline, up to 903' MSL.
Trees, building beginning 5507' from DER, 44' left of centerline, up to 894' MSL.
Trees, building, terrain, transmission line beginning 5706' from DER, 22' right of centerline, up to 914' MSL.
Trees, building beginning 5741' from DER, 30' left of centerline, up to 903' MSL.
Trees, buildings, terrain, transmission lines beginning 5849' from DER, 38' right of centerline, up to 83' AGL/919' MSL.
Trees, terrain, buildings, transmission lines, towers, antenna beginning 1 NM from DER, 16' left of centerline, up to 932 ' MSL.
Trees, buildings, terrain, transmission line beginning 1.1 NM from DER, 3' right of centerline, up to 92' AGL/943' MSL.
Tanks, trees, terrain, buildings, transmission lines beginning 1.4 NM from DER, 16' right of centerline, up to 210' AGL/1045' MSL.
Tree, transmission line, terrain, building beginning 1.4 NM from DER, 1' left of centerline, up to 919' MSL.
Trees, terrain, buildings, pole, tower beginning 1.5 NM from DER, 10' left of centerline, up to 83' AGL/926' MSL.

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TAKEOFF MINIMUMS, (OBSTACLE) DEPARTURE PROCEDURES, AND DIVERSE VECTOR AREA (RADAR VECTORS)

25163

CIRCLEVILLE, OH

PICKAWAY COUNTY MEML (CYO)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 13NOV14 (21224) (FAA)

DEPARTURE PROCEDURE:

Rwy 1, climb heading 008° to 1300 before turning left.

TAKEOFF MINIMUMS:

Rwy 1, vehicle on road beginning 7' from DER, 447' right of centerline, up to 15' AGL/697' MSL.
Runway end identifier light with electrical system 41' from DER, 79' right of centerline, 5' AGL/687' MSL.
Runway end identifier light with electrical system 42' from DER, 82' left of centerline, 3' AGL/687' MSL.
Fence beginning 177' from DER, 250' left of centerline, up to 12' AGL/694' MSL.
Poles beginning 345' from DER, 518' right of centerline, up to 42' AGL/721' MSL.
Vehicle on road beginning 649' from DER, 16' left of centerline, up to 15' AGL/703' MSL.
Pole 667' from DER, 521' left of centerline, 29' AGL/711' MSL.
Tree 1887' from DER, 184' right of centerline, 54' AGL/740' MSL.
Tree 2251' from DER, 189' left of centerline, 59' AGL/745' MSL.
Rwy 19, terrain beginning 108' from DER, 267' right of centerline, up to 669' MSL.
Trees beginning 261' from DER, 64' left of centerline, up to 100' AGL/755' MSL.
Trees beginning 765' from DER, 99' right of centerline, up to 100' AGL/737' MSL.

CLEVELAND, OH

BURKE LAKEFRONT (BKL)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 7A 07SEP23 (23250) (FAA)

TAKEOFF MINIMUMS:

Rwy 6L, 300-1¼ or std w/min climb of 220'/NM to 900.
Rwy 6R, 300-1½ or std w/min climb of 290'/NM to 1000. NA when tower is closed.
Rwy 24L, 400-1⅜ or std w/min climb of 757'/NM to 1000. NA when tower is closed.
Rwy 24R, 300-1 or std w/min climb of 490'/NM to 900.

DEPARTURE PROCEDURE:

Rwys 6L/R, climbing left turn to 2000 on heading 350° to intercept CXR VOR/DME R-286 to CRIBS INT before proceeding on course.
Rwys 24L/R, climbing right turn to 2000 on heading 350° to intercept CXR VOR/DME R-286 to CRIBS INT before proceeding on course.

TAKEOFF OBSTACLE NOTES:

Rwy 6L, light pole 9' from DER, 54' left of centerline, 2' AGL/584' MSL.
Light pole, sign beginning 9' from DER, 55' right of centerline, up to 2' AGL/584' MSL.
Tree 842' from DER, 720' right of centerline, 622' MSL.
Pole 964' from DER, 235' left of centerline, 24' AGL/618' MSL.
Crane 969' from DER, 589' right of centerline, 73' AGL/641' MSL.
Tree 2294' from DER, 265' right of centerline, 650' MSL.
Transmission lines, poles, trees beginning 2297' from DER, 166' right of centerline, up to 91' AGL/675' MSL.
Buildings, bridge beginning 2682' from DER, 597' right of centerline, up to 124' AGL/704' MSL.
Tower 1 NM from DER, 1347' right of centerline, 150' AGL/758' MSL.
Rwy 6R, sign, light pole beginning 27' from DER, 89' left of centerline, up to 4' AGL/585' MSL.
Light pole 41' from DER, 89' right of centerline, 3' AGL/585' MSL.
Wind indicator 175' from DER, 242' left of centerline, 11' AGL/590' MSL.
Pole 177' from DER, 241' left of centerline, 14' AGL/594' MSL.
Pole 471' from DER, 612' right of centerline, 37' AGL/617' MSL.
Poles, sign beginning 626' from DER, 595' right of centerline, up to 37' AGL/618' MSL.
Poles beginning 1009' from DER, 569' right of centerline, up to 56' AGL/637' MSL.
Pole, dome beginning 1874' from DER, 568' right of centerline, up to 70' AGL/651' MSL.
Pole 3098' from DER, 1282' right of centerline, 49' AGL/661' MSL.
Pole 3372' from DER, 1289' right of centerline, 88' AGL/708' MSL.
Transmission lines, pole, building beginning 3720' from DER, 96' right of centerline, up to 93' AGL/714' MSL.
Tower, poles, building beginning 4310' from DER, 170' right of centerline, up to 106' AGL/737' MSL.
Antenna, towers beginning 1.2 NM from DER, 1827' right of centerline, up to 227' AGL/849' MSL.
Rwy 24L, light pole beginning 10' from DER, 29' left of centerline, up to 2' AGL/582' MSL.
Light pole 10' from DER, 29' right of centerline, 2' AGL/582' MSL.
Fence 184' from DER, 451' left of centerline, 9' AGL/590' MSL.
Building 197' from DER, 502' left of centerline, 27' AGL/610' MSL.
Building, tank beginning 213' from DER, 411' left of centerline, up to 30' AGL/613' MSL.
Pole 900' from DER, 621' left of centerline, 60' AGL/628' MSL.
Crane, poles, traverse way, building beginning 1038' from DER, 38' left of centerline, up to 85' AGL/653' MSL.
Pole 1319' from DER, 161' right of centerline, 64' AGL/632' MSL.
Building 1685' from DER, 684' left of centerline, 166' AGL/740' MSL.
Building 1727' from DER, 643' left of centerline, 169' AGL/741' MSL.
Buildings, bridges, dome, pole, traverse way beginning 1748' from DER, 196' left of centerline, up to 167' AGL/745' MSL.
Traverse way 2146' from DER, 90' right of centerline, 65' AGL/637' MSL.
Windmills beginning 2340' from DER, 1119' left of centerline, up to 152' AGL/750' MSL.
Stadiums, cranes beginning 2821' from DER, 317' left of centerline, up to 176' AGL/763' MSL.
Building, traverse ways, crane, elevator, bridge beginning 5056' from DER, 207' left of centerline, up to 275' AGL/896' MSL.
CON'T

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CLEVELAND, OH (CON'T)

BURKE LAKEFRONT (BKL) (CON'T)

Rwy 24R, light pole 10' from DER, 55' right of centerline, 2' AGL/582' MSL.
Light pole, sign beginning 10' from DER, 55' left of centerline, up to 2' AGL/582' MSL.
Poles, traverse way beginning 1514' from DER, 338' left of centerline, up to 64' AGL/632' MSL.
Bridges beginning 2106' from DER, 695' left of centerline, up to 70' AGL/648' MSL.
Pole, traverse way beginning 2324' from DER, 866' left of centerline, up to 86' AGL/654' MSL.
Stadiums, cranes beginning 3015' from DER, 816' left of centerline, up to 176' AGL/763' MSL.
Crane 5727' from DER, 1699' right of centerline, 152' AGL/731' MSL.

DIVERSE VECTOR AREA (RADAR VECTORS)

ORIG 01FEB18 (18032) (FAA)
Rwy 6L, heading as assigned by ATC; requires min. climb of 220' per NM to 900.
Rwy 6R, heading as assigned by ATC; requires min. climb of 290' per NM to 1000.
Rwy 24R, heading as assigned by ATC; requires min. climb of 490' per NM to 900.

CLEVELAND-HOPKINS INTL (CLE)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 16A 24MAY18 (18144) (FAA)

DEPARTURE PROCEDURE:
Rwys 6R, 6L, 10, climbing left turn to intercept DJB VOR/DME R-082 inbound to 2600 before proceeding on course.

TAKEOFF OBSTACLE NOTES:
Rwy 10, tree 828' from DER, 656' right of centerline, 821' MSL.
Tree 880' from DER, 662' right of centerline, 830' MSL.
Sign 906' from DER, 717' left of centerline, 28' AGL/830' MSL.
Pole 1415' from DER, 785' right of centerline, 48' AGL/842' MSL.
Sign 2149' from DER, 955' left of centerline, 59' AGL/857' MSL.
Tower 3826' from DER, 1455' right of centerline, 137' AGL/922' MSL.
Rwy 24L, tree 1903' from DER, 492' left of centerline, 69' AGL/839' MSL.
Trees beginning 1959' from DER, 19' left of centerline, up to 78' AGL/848' MSL.
Pole, tree beginning 2273' from DER, 4' left of centerline, up to 79' AGL/849' MSL.
Rwy 24R, tower 2565' from DER, 1028' right of centerline, 191' AGL/870' MSL.
Tree 3653' from DER, 1047' left of centerline, 103' AGL/863' MSL.
Tree 3754' from DER, 861' left of centerline, 98' AGL/868' MSL.
Rwy 28, tree, building beginning 80' from DER, 424' right of centerline, up to 788' MSL.
Trees beginning 890' from DER, 212' right of centerline, up to 803' MSL.
Trees beginning 1042' from DER, 26' right of centerline, up to 811' MSL.
Tree 1250' from DER, 107' left of centerline, 813' MSL.
Building, trees beginning 1267' from DER, 66' left of centerline, up to 92' AGL/851' MSL.
Pole 2970' from DER, 947' right of centerline, 82' AGL/842' MSL.

CUYAHOGA COUNTY (CGF)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 2 08NOV18 (18312) (FAA)

TAKEOFF OBSTACLE NOTES:
Rwy 6, terrain 86' from DER, 56' right of centerline, 878' MSL.
Terrain beginning 105' from DER, 26' left of centerline, up to 878' MSL.
Terrain 141' from DER, 37' right of centerline, 879' MSL.
Tree 1757' from DER, 929' left of centerline, 938' MSL.
Trees beginning 2163' from DER, 1008' right of centerline, up to 975' MSL.
Tree 2300' from DER, 1104' left of centerline, 961' MSL.
Trees beginning 2917' from DER, 105' right of centerline, up to 980' MSL.
Trees beginning 3607' from DER, 59' right of centerline, up to 982' MSL.
Rwy 24, pole 423' from DER, 423' right of centerline, 38' AGL/895' MSL.
NAVAID 530' from DER, 195' left of centerline, 19' AGL/894' MSL.
Tree, building beginning 617' from DER, 603' left of centerline, up to 940' MSL.
Tree 1141' from DER, 716' left of centerline, 945' MSL.
Trees beginning 1289' from DER, 555' left of centerline, up to 956' MSL.
Trees beginning 1366' from DER, 438' left of centerline, up to 970' MSL.
Trees beginning 1896' from DER, 95' left of centerline, up to 974' MSL.
Tree 1992' from DER, 76' right of centerline, 944' MSL.
Tree 2149' from DER, 8' right of centerline, 945' MSL.
Tree 3504' from DER, 31' right of centerline, 975' MSL.
Trees beginning 3616' from DER, 164' right of centerline, up to 979' MSL.
Tree 3714' from DER, 409' left of centerline, 975' MSL.
Tree 4153' from DER, 4' left of centerline, 980' MSL.

COLUMBUS, IN

COLUMBUS MUNI (BAK)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 25SEP08 (08269) (FAA)

TAKEOFF OBSTACLE NOTES:

Rwy 14, tree 1589' from DER, 306' right of centerline, 40' AGL/696' MSL.

COLUMBUS, OH

BOLTON FLD (TZR)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 15JAN09 (21112) (FAA)

DEPARTURE PROCEDURE:

Rwy 4, climb heading 037° to 1800 before turning east.

TAKEOFF OBSTACLE NOTES:

Rwy 4, tree 1091' from DER, 770' left of centerline, 53' AGL/959' MSL.
Tree 487' from DER, 356' right of centerline, 23' AGL/929' MSL.
Tree 1317' from DER, 452' right of centerline, 42' AGL/948' MSL.
Tree 1307' from DER, 50' left of centerline, 36' AGL/942' MSL.
Tree 1927' from DER, 135' right of centerline, 49' AGL/955' MSL.
Rwy 22, tree 1273' from DER, 720' right of centerline, 40' AGL/945' MSL.
Tree 712' from DER, 662' right of centerline, 25' AGL/927' MSL.
Tree 1411' from DER, 658' right of centerline 33' AGL/939' MSL.

JOHN GLENN COLUMBUS INTL (CMH)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 7A 17AUG17 (17229) (FAA)

DEPARTURE PROCEDURE:

Rwy 28L, climb heading 281° to 2100 before turning southbound.
Rwy 28R, climb heading 281° to 2000 before turning southbound.

TAKEOFF OBSTACLE NOTES:

Rwy 10L, sign 23' from DER, 348' right of centerline, 3' AGL/813' MSL.
Trees beginning 1308' from DER, 800' left of centerline, up to 79' AGL/869' MSL.
Trees beginning 1721' from DER, 764' right of centerline, up to 88' AGL/878' MSL.
Rwy 10R, aircraft on taxiway abeam DER, 290' right of centerline, up to 59' AGL/878' MSL.
Sign 42' from DER, 159' left of centerline, 6' AGL/817' MSL.
Poles and building beginning 934' from DER, 538' right of centerline, up to 42' AGL/852' MSL.
Trees beginning 1319' from DER, 225' right of centerline, up to 116' AGL/886' MSL.
Rwy 28L, building 42' from DER, 111' right of centerline, 6' AGL/810' MSL.
Trees beginning 1563' from DER, 870' left of centerline, up to 93' AGL/902' MSL.
Rwy 28R, tower 1260' from DER, 837' left of centerline, 75' AGL/875' MSL.
Trees and poles beginning 1228' from DER, 624' right of centerline, up to 72' AGL/882' MSL.
Light 5' from DER, 4' left of centerline, 1' AGL/815' MSL.

OHIO STATE UNIVERSITY (OSU)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG-A 14JUL22 (22195) (FAA)

TAKEOFF OBSTACLE NOTES:

Rwy 5, tree 675' from DER, 675' right of centerline, 22' AGL/910' MSL.
Buildings beginning 966' from DER, 528' left of centerline, up to 50' AGL/936' MSL.
Tree, building beginning 1122' from DER, 587' left of centerline, up to 937' MSL.
Tree 1303' from DER, 164' right of centerline, 52' AGL/929' MSL.
Trees beginning 1331' from DER, 43' left of centerline, up to 946' MSL.
Trees beginning 1374' from DER, 46' right of centerline, up to 52' AGL/931' MSL.
Trees beginning 1405' from DER, 98' right of centerline, up to 57' AGL/937' MSL.
Trees beginning 1408' from DER, 2' right of centerline, up to 61' AGL/941' MSL.
Trees beginning 1421' from DER, 46' right of centerline, up to 958' MSL.
Trees beginning 1474' from DER, 4' left of centerline, up to 73' AGL/954' MSL.
Trees beginning 1505' from DER, 40' left of centerline, up to 84' AGL/964' MSL.
Trees beginning 1532' from DER, 51' left of centerline, up to 967' MSL.
Trees beginning 1548' from DER, 25' left of centerline, up to 973' MSL.
Trees beginning 1633' from DER, 9' right of centerline, up to 962' MSL.
Trees beginning 1637' from DER, 20' left of centerline, up to 98' AGL/975' MSL.
Trees beginning 1685' from DER, 31' right of centerline, up to 966' MSL.
Trees beginning 1781' from DER, 69' right of centerline, up to 96' AGL/969' MSL.
Trees beginning 1859' from DER, 169' right of centerline, up to 107' AGL/973' MSL.
Trees beginning 1886' from DER, 156' right of centerline, up to 101' AGL/974' MSL.
Trees beginning 1891' from DER, 4' right of centerline, up to 101' AGL/976' MSL.
Trees beginning 1920' from DER, 7' right of centerline, up to 103' AGL/979' MSL.
Rwy 9L, sign 68' from DER, 225' left of centerline, 4' AGL/894' MSL.
Tree 909' from DER, 634' left of centerline, 44' AGL/923' MSL.
Trees beginning 914' from DER, 547' left of centerline, up to 50' AGL/930' MSL.
Trees beginning 949' from DER, 548' left of centerline, up to 52' AGL/931' MSL.
Tree 953' from DER, 686' left of centerline, 61' AGL/941' MSL.

CON'T

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COLUMBUS, OH (CON'T)

OHIO STATE UNIVERSITY (OSU) (CON'T)

Rwy 9L (CON'T), trees beginning 958' from DER, 515' left of centerline, up to 68' AGL/948' MSL.
Trees beginning 1016' from DER, 531' left of centerline, up to 958' MSL.
Trees beginning 1301' from DER, 702' left of centerline, up to 90' AGL/965' MSL.
Trees beginning 1328' from DER, 575' left of centerline, up to 966' MSL.
Trees beginning 1393' from DER, 340' left of centerline, up to 98' AGL/969' MSL.
Trees beginning 1477' from DER, 7' left of centerline, up to 107' AGL/973' MSL.
Trees beginning 1590' from DER, 230' right of centerline, up to 72' AGL/942' MSL.
Trees beginning 2000' from DER, 7' right of centerline, up to 960' MSL.
Rwy 9R, tree 64' from DER, 302' left of centerline, 15' AGL/894' MSL.
Trees beginning 201' from DER, 252' left of centerline, up to 918' MSL.
Tree 377' from DER, 511' right of centerline, 907' MSL.
Trees beginning 882' from DER, 378' right of centerline, up to 937' MSL.
Trees beginning 993' from DER, 265' left of centerline, up to 56' AGL/924' MSL.
Trees beginning 1033' from DER, 367' right of centerline, up to 940' MSL.
Trees beginning 1084' from DER, 270' left of centerline, up to 63' AGL/932' MSL.
Trees beginning 1299' from DER, 337' right of centerline, up to 943' MSL.
Trees beginning 1308' from DER, 531' left of centerline, up to 940' MSL.
Tree 1341' from DER, 515' right of centerline, 945' MSL.
Trees beginning 1400' from DER, 460' right of centerline, up to 955' MSL.
Trees beginning 1813' from DER, 556' right of centerline, up to 965' MSL.
Tree 2413' from DER, 961' left of centerline, 96' AGL/953' MSL.
Rwy 23, building 494' from DER, 468' left of centerline, 930' MSL.
Tree, building beginning 544' from DER, 396' left of centerline, up to 944' MSL.
Tree 658' from DER, 624' left of centerline, 945' MSL.
Stack, tank, trees beginning 673' from DER, 261' left of centerline, up to 60' AGL/963' MSL.
Tree 1197' from DER, 208' right of centerline, 45' AGL/942' MSL.
Tree 1919' from DER, 213' right of centerline, 58' AGL/957' MSL.
Tree 1995' from DER, 257' right of centerline, 64' AGL/965' MSL.
Trees beginning 2000' from DER, 167' right of centerline, up to 78' AGL/978' MSL.
Tree 2081' from DER, 312' right of centerline, 989' MSL.
Trees beginning 2257' from DER, 351' right of centerline, up to 97' AGL/999' MSL.
Rwy 27L, lighting 4' from DER, 4' left of centerline, 2' AGL/903' MSL.
Tree 291' from DER, 575' left of centerline, 910' MSL.
Rwy 27R, sign 15' from DER, 247' left of centerline, 3' AGL/906' MSL.
Tree 2330' from DER, 861' right of centerline, 964' MSL.
Tree 2479' from DER, 789' right of centerline, 974' MSL.

CONNERSVILLE, IN

METTEL FLD (CEV)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 2 28SEP06 (21224) (FAA)

TAKEOFF MINIMUMS:
Rwys 4, 22, NA-VFR use only.
DEPARTURE PROCEDURE:
Rwy 18, climb via heading 185° to 1500 before proceeding on course.
TAKEOFF OBSTACLE NOTES:
Rwy 18, railroad 311' from DER, 580' left of centerline, 23' AGL/882' MSL.
Multiple trees beginning 2280' from DER, 100' left of centerline, up to 113' AGL/974' MSL.
Rwy 36, road 120' from DER, 301' right of centerline, 15' AGL/884' MSL.
Railroad 649' from DER, 578' right of centerline, 23' AGL/892' MSL.
Multiple trees beginning 3400' from DER, on centerline, up to 92' AGL/959' MSL.

COSHOCTON, OH

RICHARD DOWNING (I40)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 1A 15SEP16 (16259) (FAA)

TAKEOFF MINIMUMS:
Rwys 4, 22, 300-1.
TAKEOFF OBSTACLE NOTES:
Rwy 4, tree 87'from DER, 402' left of centerline, 981' MSL.
Trees beginning 88' from DER, 460' left of centerline, up to 84' AGL/1040' MSL.
Tree 90' from DER, 226' right of centerline, 983' MSL.
Tree 628' from DER, 509' right of centerline, 1006' MSL.
Rwy 22, trees beginning 2' from DER, 290' left of centerline, up to 988' MSL.
Pole, wsk beginning 11' from DER, 57' right of centerline, up to 7' AGL/979' MSL.
Trees beginning 179' from DER, 275' left of centerline, up to 84' AGL/999' MSL.
Trees beginning 1033' from DER, 595' left of centerline, up to 1042' MSL.
Tree 2420' from DER, 123' right of centerline, 96' AGL/1035' MSL.
Tree 2442' from DER, 52' right of centerline, 104' AGL/1043' MSL.
Trees beginning 2443' from DER, 21' right of centerline, up to 106' AGL/1050' MSL.
Trees beginning 2496' from DER, 3' left of centerline, up to 103' AGL/1045' MSL.
CON'T

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COSHOCTON, OH (CON'T)

RICHARD DOWNING (I40) (CON'T)

Rwy 22 (CON'T), trees beginning 2503' from DER, on centerline, up to 103' AGL/1054' MSL.
Trees beginning 2550' from DER, 43' right of centerline, up to 105' AGL/1061' MSL.

CRAWFORDSVILLE, IN

CRAWFORDSVILLE RGNL (CFJ)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 1A 08NOV18 (18312) (FAA)

TAKEOFF OBSTACLE NOTES:
Rwy 4, poles beginning 805' from DER, 224' right of centerline, up to 27' AGL/829' MSL.
Tree 2838' from DER, 256' right of centerline, 873' MSL.
Poles, terrain, vehicle on road, tree beginning 41' from DER, 54' left of centerline, up to 30' AGL/834' MSL.
Tree 822' from DER, 95' left of centerline, 841' MSL.
Trees beginning 856' from DER, 123' left of centerline, up to 843' MSL.
Trees beginning 957' from DER, 213' left of centerline, up to 849' MSL.
Tree 1055' from DER, 283' left of centerline, 850' MSL.
Tree 1229' from DER, 418' left of centerline, 853' MSL.
Tree 1312' from DER, 168' left of centerline, 873' MSL.
Trees beginning 1324' from DER, 268' left of centerline, up to 875' MSL.
Trees beginning 1559' from DER, 283' left of centerline, up to 876' MSL.
Trees beginning 1862' from DER, 219' left of centerline, up to 881' MSL.
Rwy 22, tree 653' from DER, 618' right of centerline, 846' MSL.
Trees beginning 789' from DER, 205' right of centerline, up to 852' MSL.
Trees beginning 1059' from DER, 191' right of centerline, up to 857' MSL.
Trees beginning 2797' from DER, 386' right of centerline, up to 879' MSL.
Tree 328' from DER, 508' left of centerline, 815' MSL.
Trees beginning 559' from DER, 176' left of centerline, up to 867' MSL.

DAYTON, OH

DAYTON/PHILLIPSBURG (3I7)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 1A 16AUG18 (22251) (FAA)

TAKEOFF MINIMUMS:
Rwy 21, 300-1.

DAYTON/WRIGHT BROTHERS (MGY)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 3A 21JUL16 (22307) (FAA)

TAKEOFF OBSTACLE NOTES:
Rwy 2, multiple trees and road beginning 440' from DER, 257' left of centerline, up to 100' AGL/1053' MSL.
Multiple trees beginning 672' from DER, 17' right of centerline, up to 100' AGL/1017' MSL.
Rwy 20, multiple trees beginning 189' from DER, 494' left of centerline, up to 100' AGL/1009' MSL.
Multiple poles and trees beginning 323' from DER, 364' right of centerline, up to 100' AGL/1026' MSL.
Building 1195' from DER, 512' right of centerline, 50' AGL/972' MSL.

GREENE COUNTY/LEWIS A JACKSON RGNL (GDK)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 3 30NOV23 (23334) (FAA)

DEPARTURE PROCEDURE:
Rwy 25, climb on heading 233° to 1700 before turning right.
TAKEOFF OBSTACLE NOTES:
Rwy 7, trees, wind indicator beginning 20' from DER, 133' right of centerline, up to 59' AGL/999' MSL.
Tree 73' from DER, 264' left of centerline, 983' MSL.
Trees beginning 111' from DER, 165' left of centerline, up to 986' MSL.
Trees beginning 642' from DER, 329' right of centerline, up to 1016' MSL.
Trees beginning 2361' from DER, 945' right of centerline, up to 1028' MSL.
Rwy 25, trees beginning 51' from DER, 491' left of centerline, up to 996' MSL.
Trees, transmission lines, poles beginning 176' from DER, 278' left of centerline, up to 998' MSL.
Trees beginning 266' from DER, 320' right of centerline, up to 954' MSL.
Transmission line, poles beginning 1122' from DER, 578' right of centerline, up to 81' AGL/972' MSL.
Pole 1409' from DER, 764' right of centerline, 992' MSL.
Transmission line 1410' from DER, 753' right of centerline, 137' AGL/1005' MSL.
Trees beginning 1834' from DER, 320' left of centerline, up to 1002' MSL.
Trees beginning 1983' from DER, 426' left of centerline, up to 127' AGL/1011' MSL.

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DAYTON, OH (CON'T)

JAMES M COX DAYTON INTL (DAY)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 4 27APR17 (17117) (FAA)

TAKEOFF MINIMUMS:

Rwy 18, 300-1 or std. w/min. climb of 305 per NM to 1300.

TAKEOFF OBSTACLE NOTES:

Rwy 6R, tower 3128' from DER, 1114' right of centerline, 140' AGL/1101' MSL.
Rwy 18, trees beginning 1033' from DER, 77' right of centerline, up to 1048' MSL.
Tree 1047' from DER, 38' left of centerline, 1039' MSL.
Tree 1049' from DER, 326' left of centerline, 1040' MSL.
Tree 1050' from DER, 437' left of centerline, 1041' MSL.
Trees beginning 1051' from DER, 192' left of centerline, up to 1047' MSL.
Wind indicator on building, steeple, pole, ant on building, tree beginning 1141' from DER, 195' left of centerline, up to 1049' MSL.
Trees beginning 1378' from DER, 325' left of centerline, up to 1056' MSL.
Trees beginning 1618' from DER, 244' left of centerline, up to 1060' MSL.
Tree 1631' from DER, 558' right of centerline, 1054' MSL.
Tree 1711' from DER, 185' left of centerline, 1066' MSL.
Trees beginning 1785' from DER, 311' left of centerline, up to 1072' MSL.
Trees beginning 1825' from DER, 210' left of centerline, up to 74' AGL/1079' MSL.
Tree 1832' from DER, 563' right of centerline, 1060' MSL.
Trees beginning 2013' from DER, 139' right of centerline, up to 1072' MSL.
Trees beginning 2322' from DER, 958' right of centerline, up to 1073' MSL.
Tree 2378' from DER, 916' left of centerline, 1089' MSL.
Trees beginning 2379' from DER, 141' left of centerline, up to 96' AGL/1095' MSL.
Tree 2574' from DER, 1075' right of centerline, 1094' MSL.
Tree 2578' from DER, 1098' right of centerline, 89' AGL/1096' MSL.
Trees beginning 2923' from DER, 412' left of centerline, up to 1098' MSL.
Tank 4227' from DER, 1469' left of centerline, 184' AGL/1168' MSL.
Rwy 24L, vehicles on road 200' from DER, crossing runway centerline, up to 15' AGL/1021' MSL.
Tree 992' from DER, 522' left of centerline, 1049' MSL.
Tree 1139' from DER, 740' left of centerline, 1056' MSL.
Trees beginning 1722' from DER, 527' left of centerline, up to 1061' MSL.
Rwy 36, airfield light beginning 5' from DER, 4' right of centerline, up to 2' AGL/992' MSL.
Tree 1947' from DER, 939' left of centerline, 1040' MSL.

MORAINE AIR PARK (I73)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 03NOV22 (22307) (FAA)

TAKEOFF MINIMUMS:

Rwy 8, std. w/min. climb of 272' per NM to 2400 or 1700-3 for VCOA.
Rwy 26, std. w/min. climb of 269' per NM to 2200 or 1700-3 for VCOA.

DEPARTURE PROCEDURE:

Rwy 8, climb on heading 084° to 1700 before proceeding on course.
Rwy 26, climb on heading 264° to 1900 before proceeding on course.

VCOA:

Rwys 8, 26, obtain ATC approval for VCOA when requesting IFR clearance. Climb in visual conditions to cross Moraine Air Park at or above 2300 before proceeding on course.

TAKEOFF OBSTACLE NOTES:

Rwy 8, airport equipment 172' from DER, 112' right of centerline, 10' AGL/730' MSL.
Airport equipment, bldg, catenary, sign, pole beginning 363' from DER, 54' left of centerline, up to 50' AGL/770' MSL.
Bldgs beginning 532' from DER, 417' right of centerline, up to 30' AGL/750' MSL.
Pole 892' from DER, 344' right of centerline, 37' AGL/757' MSL.
Pole 895' from DER, 347' right of centerline, 37' AGL/772' MSL.
Poles, catenary beginning 962' from DER, 19' right of centerline, up to 37' AGL/775' MSL.
Poles beginning 1422' from DER, 102' left of centerline, up to 37' AGL/772' MSL.
Rwy 26, catenaries beginning 1351' from DER, 5' left of centerline, up to 50' AGL/770' MSL.
Pole 1364' from DER, 172' right of centerline, 37' AGL/757' MSL.
Catenaries, pole, silo beginning 1400' from DER, 58' right of centerline, up to 50' AGL/770' MSL.

DEFIANCE, OH

DEFIANCE MEML (DFI)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 10MAR11 (21224) (FAA)

TAKEOFF OBSTACLE NOTES:

Rwy 12, trees beginning 398' from DER, 155' right of centerline, up to 50' AGL/749' MSL.
Terrain beginning 62' from DER, 1' right of centerline, up to 706' MSL.
Vehicle on road 833' from DER, 286' left of centerline, up to 15' AGL/724' MSL.
Rwy 30, trees and power lines beginning 527' from DER, beginning 246' left to right of centerline, up to 50' AGL/759' MSL.
Vehicle on road beginning 527' from DER, 246' left to right of centerline, up to 15' AGL/724' MSL.
Terrain beginning 36' from DER, 17' right of centerline, up to 712' MSL.
Terrain beginning 116' from DER, 353' left of centerline, up to 712' MSL.

DELAWARE, OH

DELAWARE MUNI/JIM MOORE FLD (DLZ)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 2 12JUN25 (25163) (FAA)

TAKEOFF MINIMUMS:

Rwy 10, 300-1⅜ or std w/min climb of 205'/NM to 1200.

TAKEOFF OBSTACLE NOTES:

Rwy 10, trees beginning 884' from DER, 507' left of centerline, up to 1014' MSL.
Transmission line beginning 1179' from DER, 288' right of centerline, up to 48' AGL/987' MSL.
Tower 1 NM from DER, 2029' right of centerline, 180' AGL/1107' MSL.
Rwy 28, wind indicator, light poles beginning 7' from DER, 103' right of centerline, up to 9' AGL/950' MSL.
Terrain 35' from DER, 189' left of centerline, 950' MSL.
Transmission line beginning 992' from DER, 599' left of centerline, up to 61' AGL/1005' MSL.
Transmission line 1126' from DER, 695' right of centerline, 45' AGL/988' MSL.
Tree 1233' from DER, 743' right of centerline, 990' MSL.

DELPHI, IN

DELPHI MUNI (1I9)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 15JUN23 (23166) (FAA)

TAKEOFF OBSTACLE NOTES:

Rwy 18, pole 926' from DER, 643' left of centerline, 26' AGL/702' MSL.
Pole beginning 929' from DER, 283' right of centerline, up to 29' AGL/697' MSL.
Rwy 36, light poles 1' from DER, 104' right of centerline, 2' AGL/671' MSL.
Building 63' from DER, 334' left of centerline, 21' AGL/693' MSL.
Tree, building, traverse way, pole beginning 127' from DER, 8' left of centerline, up to 55' AGL/727' MSL.
Traverse way beginning 315' from DER, 86' right of centerline, up to 685' MSL.
Tree 1435' from DER, 614' right of centerline, 55' AGL/715' MSL.

EAST LIVERPOOL, OH

COLUMBIANA COUNTY (02G)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 2A 17AUG17 (17229) (FAA)

TAKEOFF MINIMUMS:

Rwy 25, 600-1¾ or std. w/min. climb gradient of 445' per NM to 1700.

DEPARTURE PROCEDURE:

Rwy 25, climb heading of 249° to 1700 before turning right.

TAKEOFF OBSTACLE NOTES:

Rwy 7, trees beginning abeam DER, 392' left of centerline, up to 71' AGL/1224' MSL.
Tree 156' from DER, 449' right of centerline, 1205' MSL.
Trees beginning 164' from DER, 11' left of centerline, up to 101' AGL/1231' MSL.
Trees beginning 182' from DER, 75' right of centerline, up to 1218' MSL.
Trees beginning 1892' from DER, 635' right of centerline, up to 1219' MSL.
Tree 2212' from DER, 850' right of centerline, 1221' MSL.
Tree 2338' from DER, 840' right of centerline, 1224' MSL.
Tree 2859' from DER, 506' left of centerline, 1236' MSL.
Rwy 25, ground 7' from DER, 401' right of centerline, 1152' MSL.
Ground beginning 104' from DER, 297' right of centerline, up to 1159' MSL.
Ground 118' from DER, 256' left of centerline, 1148' MSL.
Trees beginning 141' from DER, 28' left of centerline, up to 82' AGL/1226' MSL.
Trees beginning 899' from DER, 84' right of centerline, up to 1220' MSL.
Tree 3443' from DER, 611' right of centerline, 1240' MSL.
Tree 3499' from DER, 359' right of centerline, 1242' MSL.
Tree 3531' from DER, 1397' right of centerline, 1247' MSL.
Tree 3533' from DER, 935' right of centerline, 1276' MSL.
Trees beginning 3535' from DER, 161' right of centerline, up to 1287' MSL.
Trees beginning 3653' from DER, 391' right of centerline, up to 1288' MSL.
Trees beginning 3701' from DER, 61' right of centerline, up to 1290' MSL.
Trees beginning 3748' from DER, 231' right of centerline, up to 1315' MSL.
Tree 3748' from DER, 891' right of centerline, 1298' MSL.
Trees beginning 3801' from DER, 44' right of centerline, up to 1322' MSL.
Trees beginning 3854' from DER, 358' right of centerline, up to 1332' MSL.
Tree, ground beginning 3907' from DER, 282' right of centerline, up to 1350' MSL.
Trees beginning 4863' from DER, 804' left of centerline, up to 1279' MSL.
Trees beginning 5051' from DER, 651' left of centerline, up to 1292' MSL.
Trees beginning 5174' from DER, 546' left of centerline, up to 1296' MSL.
Trees beginning 5280' from DER, 328' left of centerline, up to 1311' MSL.
Trees beginning 5491' from DER, 59' left of centerline, up to 1316' MSL.
Trees beginning 5860' from DER, 639' right of centerline, up to 1353' MSL.
Trees beginning 5860' from DER, 120' right of centerline, up to 1355' MSL.
Trees beginning 5966' from DER, 1071' right of centerline, up to 1356' MSL.
Trees beginning 6019' from DER, 795' right of centerline, up to 1357' MSL.
Trees beginning 6072' from DER, 15' right of centerline, up to 1364' MSL.
CON'T

EC-2, 12 JUN 2025 to 07 AUG 2025

EAST LIVERPOOL, OH (CON'T)

COLUMBIANA COUNTY (02G) (CON'T)

Rwy 25 (CON'T), trees beginning 6072' from DER, 203' right of centerline, up to 1365' MSL.
Trees beginning 1 NM from DER, 26' right of centerline, up to 1389' MSL.
Trees beginning 1 NM from DER, 25' left of centerline, up to 1325' MSL.
Trees beginning 1 NM from DER, 332' right of centerline, up to 1393' MSL.
Trees beginning 1 NM from DER, 84' right of centerline, up to 1406' MSL.
Tree, ground beginning 1 NM from DER, 430' right of centerline, up to 76' AGL/1418' MSL.
Trees beginning 1 NM from DER, 943' right of centerline, up to 1416' MSL.
Transmission tower, tree, ground beginning 1.1 NM from DER, 687' right of centerline, up to 122' AGL/1450' MSL.
Tree 1.4 NM from DER, 2655' left of centerline, 1359' MSL.
Tree 1.4 NM from DER, 2747' left of centerline, 1360' MSL.

ELKHART, IN

ELKHART MUNI (EKM)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 22SEP11 (11265) (FAA)

TAKEOFF OBSTACLE NOTES:
Rwy 9, trees beginning 2039' from DER, 768' right of centerline, up to 68' AGL/845' MSL.
Trees beginning 2649' from DER, 774' left of centerline, up to 90' AGL/867' MSL.
Rwy 18, trees and spire beginning 592' from DER, 63' right of centerline, up to 63' AGL/835' MSL.
Trees beginning 508' from DER, 87' left of centerline, up to 71' AGL/843' MSL.
Rwy 27, trees beginning 1195' from DER, 241' right of centerline, up to 90' AGL/861' MSL.
Trees beginning 1714' from DER, 49' left of centerline, up to 89' AGL/860' MSL.
Rwy 36, tree and building beginning 845' from DER, 212' right of centerline, up to 58' AGL/836' MSL.
Trees beginning1193' from DER, 240' left of centerline, up to 61' AGL/839' MSL.

ELYRIA, OH

ELYRIA (1G1)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 2 08JUN06 (22083) (FAA)

TAKEOFF OBSTACLE NOTES:
Rwy 9, road 1198' from DER, 275' left of centerline, 15' AGL/774' MSL.
Tree 2077' from DER, 778' right of centerline, 100' AGL/859' MSL.
Rwy 27, tree 68' from DER, 237' left of centerline, 100' AGL/859' MSL.
Tree 527' from DER, 454' right of centerline, 100' AGL/854' MSL.

EVANSVILLE, IN

EVANSVILLE RGNL (EVV)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 9B 26DEC24 (25023) (FAA)

TAKEOFF MINIMUMS:
Rwys 9, 27, NA-Environmental.
Rwy 36, 300-1½ or std w/min climb of 635'/NM to 700.

TAKEOFF OBSTACLE NOTES:
Rwy 18, electrical system 10' from DER, 80' right of centerline, 13' AGL/396' MSL.
Vehicle on roadway 265' from DER, 420' right of centerline, 398' MSL.
Vehicle on roadway 526' from DER, 17' left of centerline, 403' MSL.
Building 560' from DER, 354' right of centerline, 21' AGL/403' MSL.
Building 570' from DER, 632' right of centerline, 45' AGL/427' MSL.
Buildings beginning 758' from DER, 137' right of centerline, up to 53' AGL/435' MSL.
Tree 1595' from DER, 162' left of centerline, 51' AGL/433' MSL.
Building 1929' from DER, 460' right of centerline, 66' AGL/447' MSL.
Transmission line 4136' from DER, 1568' left of centerline, 132' AGL/513' MSL.
Rwy 22, vertical structure, building beginning 142' from DER, 401' left of centerline, up to 18' AGL/401' MSL.
Tower 165' from DER, 398' left of centerline, 45' AGL/429' MSL.
Rwy 36, tree, building beginning 2160' from DER, 479' right of centerline, up to 105' AGL/567' MSL.
Trees beginning 4224' from DER, 1024' right of centerline, up to 101' AGL/588' MSL.
Trees 5130' from DER, 1791' right of centerline, 100' AGL/593' MSL.
Trees 5741' from DER, 2019' right of centerline, 100' AGL/602' MSL.
Trees 5963' from DER, 2064' left of centerline, 100' AGL/563' MSL.
Trees beginning 6045' from DER, 1150' right of centerline, up to 100' AGL/606' MSL.
Trees beginning 1 NM from DER, 1776' right of centerline, up to 126' AGL/618' MSL.
Trees beginning 1 NM from DER, 2070' left of centerline, up to 100' AGL/586' MSL.
Trees 1.2 NM from DER, 2222' right of centerline, 100' AGL/593' MSL.

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FINDLAY, OH

FINDLAY (FDY)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 1 06DEC18 (18340) (FAA)

TAKEOFF MINIMUMS:

Rwy 25, 300-1⅞ or std. w/min. climb of 210' per NM to 1100, or alternatively with std. takeoff minimums and a normal 200' per NM climb gradient, takeoff must occur no later than 1400 feet prior to DER.

TAKEOFF OBSTACLE NOTES:

Rwy 7, road with vehicles beginning 55' from DER, 308' right of centerline, up to 15' AGL/821' MSL.
Wall, pole beginning 121' from DER, 48' left of centerline, up to 10' AGL/816' MSL.
Tree, road with vehicles, pole beginning 154' from DER, 69' right of centerline, up to 32' AGL/838' MSL.
Road with vehicles beginning 210' from DER, 1' left of centerline, up to 15' AGL/821' MSL.
Trees beginning 279' from DER, 45' right of centerline, up to 33' AGL/839' MSL.
Tree, pole, building beginning 338' from DER, 33' left of centerline, up to 26' AGL/832' MSL.
Tree 1715' from DER, 959' right of centerline, 54' AGL/860' MSL.
Trees beginning 1846' from DER, 407' right of centerline, up to 64' AGL/870' MSL.
Building 2374' from DER, 1054' right of centerline, 110' AGL/916' MSL.
Building, tree, wind indicator beginning 2417' from DER, 109' right of centerline, up to 121' AGL/927' MSL.
Rwy 18, tree 2786' from DER, 150' left of centerline, 876' MSL.
Rwy 25, fence, vegetation beginning 26' from DER, 141' left of centerline, up to 6' AGL/799' MSL.
Road with vehicles beginning 133' from DER, 108' right of centerline, up to 15' AGL/803' MSL.
Sign, tree, pole beginning 473' from DER, 421' right of centerline, up to 64' AGL/852' MSL.
Tree, pole, road with vehicles beginning 785' from DER, 397' right of centerline, up to 15' AGL/802' MSL.
Elevator, tree beginning 1824' from DER, 295' right of centerline, up to 78' AGL/869' MSL.
Trees beginning 2207' from DER, 454' right of centerline, up to 88' AGL/876' MSL.
Elevator 1.2 NM from DER, 1040' right of centerline, 206' AGL/999' MSL.
Elevator 1.3 NM from DER, 1114' right of centerline, 207' AGL/1000' MSL.
Rwy 36, pole 1191' from DER, 742' right of centerline, 39' AGL/835' MSL.
Tree 1559' from DER, 498' left of centerline, 51' AGL/847' MSL.

EC-2, 12 JUN 2025 to 07 AUG 2025

FORT WAYNE, IN

FORT WAYNE INTL (FWA)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 3 17SEP15 (15260) (FAA)

TAKEOFF OBSTACLE NOTES:

Rwy 5, lighted structures beginning 9' from DER, left and right of centerline, up to 3' AGL/800' MSL.
Fence and trees beginning 152' from DER, 521' right of centerline, up to 42' AGL/842' MSL.
Railroad 834' from DER, 582' right of centerline, 23' AGL/820' MSL.
Trees beginning 927' from DER, 499' left of centerline, 40' AGL/836' MSL.
Rwy 9, lighted structures beginning 11' from DER, left and right of centerline, up to 2' AGL/794' MSL.
Pole 86' from DER, 442' right of centerline, 28' AGL/820' MSL.
Pole 380' from DER, 505' right of centerline, 32' AGL/822' MSL.
Tower 3124' from DER, 1109' left of centerline, 111' AGL/910' MSL.
Rwy 14, lighted structures beginning 9' from DER, left and right of centerline, up 2' AGL/797' MSL.
Tree 1079' from DER, 667' left of centerline, 23' AGL/825' MSL.
Rwy 23, lighted structures beginning 8' from DER, left and right of centerline, up to 2' AGL/815' MSL.
Rwy 27, lighted structures beginning 9' from DER, 48' left of centerline, up 2' AGL/800' MSL.
fences beginning 28' from DER, 470' right of centerline, up to 6' AGL/804' MSL.
Tower 194' from DER, 523' left of centerline, 19' AGL/809' MSL.
Obstruction light 370' from DER, 230' left of centerline, 14' AGL/812' MSL.
Trees beginning 3587' from DER, left and right of centerline, up to 104' AGL/910' MSL.
Rwy 32, lighted structures beginning 9' from DER, left and right of centerline, up to 2' AGL/803' MSL.
Trees beginning 3672' from DER, 611' left of centerline, up to 100' AGL/901' MSL.

SMITH FLD (SMD)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 5 18NOV10 (21168) (FAA)

TAKEOFF MINIMUMS:

Rwy 23, 800-3 or std. w/min. climb of 420' per NM to 1900.

DEPARTURE PROCEDURE:

Rwy 13, climb on heading between 133° CW to 185° from DER or climb on heading between 313° CW to 133° from DER to 2700 before proceeding on course or min. climb of 250' per NM to 2000 for all other courses.
Rwy 23, climb on heading 236° to 1900 before proceeding on course.
Rwy 31, climb on heading between 313° CW to 133° from DER or climb on heading between 250° CW to 313° from DER to 2700 before proceeding on course or min. climb of 250' per NM to 1900 for all other courses.

TAKEOFF OBSTACLE NOTES:

Rwy 5, vehicle on road 465' from DER, on centerline, 15' AGL/844' MSL.
Trees, light poles, flag poles, power poles, buildings, bus garages and cell tower beginning 345' from DER, 34' right of centerline, up to 153' AGL/974' MSL.
Trees, buildings and light poles beginning 234' from DER, 11' left of centerline, up to 72' AGL/896' MSL.

CON'T

FORT WAYNE, IN (CON'T)

SMITH FLD (SMD) (CON'T)

Rwy 13, vehicle on road 458' from DER, on centerline, 15' AGL/842' MSL.
Trees, houses and light pole beginning 21' from DER, 38' right of centerline, up to 100' AGL/929' MSL.
Trees, buildings, power poles, hanger, terminal, light pole and flag pole beginning 330' from DER, 25' left of centerline, up to 128' AGL/ 936' MSL.
Rwy 23, power poles, light poles, trees, building, house and shed beginning 469' from DER, 6' right of centerline, up to 82' AGL/909' MSL.
Trees, houses and light poles beginning 193' from DER, 43' left of centerline, up to 81' AGL/906' MSL.
Rwy 31, trees, buildings, power poles, garages, light pole and antenna beginning 237' from DER, 30' right of centerline, up to 95' AGL/936' MSL.
Trees and vert tank beginning 488' from DER, 202' left of centerline, up to 73' AGL/910' MSL.

FOSTORIA, OH

DONALD P MILLER (FZI)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 1 03JUN10 (25163) (FAA)

TAKEOFF OBSTACLE NOTES:
Rwy 9, trees beginning 343' from DER, 584' left of centerline, up to 74' AGL/823' MSL.
Trees beginning 26' from DER, 277' right of centerline, up to 75' AGL/820' MSL.
Rwy 27, trees beginning 938' from DER, 342' left of centerline, up to 100' AGL/859' MSL.
Trees beginning 379' from DER, 444' right of centerline, up to 64' AGL/806' MSL.
Building 2' from DER, 500' left of centerline, 8' AGL/758' MSL.
Building 262' from DER, 523' right of centerline, 34' AGL/776' MSL.
SILO 292' from DER, 376' right of centerline, 36' AGL/778' MSL.
Pole 898' from DER, 413' right of centerline, 39' AGL/778' MSL.
Power pole 961' from DER, 562' right of centerline, 48' AGL/790' MSL.

FRANKFORT, IN

FRANKFORT CLINTON COUNTY RGNL (FKR)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 03JUN10 (22083) (FAA)

TAKEOFF OBSTACLE NOTES:
Rwy 4, vehicles on highway, beginning 148' from DER, left to right of centerline, 17' AGL/894' MSL.
Building 442' from DER, 601' right of centerline, 40' AGL/897' MSL.
Building 606' from DER, 373' left of centerline, 40' AGL/917' MSL.
Plant 3169' from DER, 712' right of centerline, 87' AGL/942' MSL.
Rwy 9, crops 389' from DER, left to right of centerline, 10' AGL/872' MSL.
Rwy 22, crops 200' from DER, left to right of centerline, 10' AGL/867' MSL.
Vehicles on roadway beginning 369' from DER, 583' right of centerline, 17' AGL/876' MSL.
Rwy 27, crops 299' from DER, left to right of centerline, 10' AGL/867' MSL.
Vehicles on roadway 743' from DER, left and right of centerline, 17' AGL/876' MSL.

FREMONT, OH

FREMONT (14G)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 2 22OCT09 (09295) (FAA)

TAKEOFF MINIMUMS:
Rwys 18,36, NA-Environmental.
TAKEOFF OBSTACLE NOTES:
Rwy 9, train 268' from DER, 516' right of centerline, 23' AGL/677' MSL.
Trees beginning 3269' from DER, 1265' right of centerline, up to 100' AGL/754' MSL.
Multiple trees and buildings beginning 320' from DER, left and right of centerline, up to 100' AGL/749' MSL.
Rwy 27, road 65' from DER, 4' right of centerline, 15' AGL/669' MSL.
Trees beginning 2230' from DER, 834' left of centerline, up to 100' AGL/754' MSL.

SANDUSKY COUNTY RGNL (S24)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 25AUG11 (11237) (FAA)

TAKEOFF OBSTACLE NOTES:
Rwy 6, REILs 39' from DER, 93' right of centerline, 8' AGL/659' MSL.
REILs 39' from DER, 93' left of centerline, 7' AGL/658' MSL.
Trees beginning 796' from DER, 709' left of centerline, up to 91' AGL/737' MSL.
Rwy 24, REILs 41' from DER, 94' right of centerline, 7' AGL/668' MSL.
REILs 41' from DER, 93' left of centerline, 7' AGL/668' MSL.
Trees beginning 1569' from DER, left and right of centerline, up to 145' AGL/786' MSL.

EC-2, 12 JUN 2025 to 07 AUG 2025

FRENCH LICK, IN

FRENCH LICK MUNI (FRH)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 10APR08 (08101) (FAA)

TAKEOFF OBSTACLE NOTES:

Rwy 8, terrain 59' from DER, 86' left of centerline, 0' AGL/799' MSL.
Trees beginning 184' from DER, 391' left of centerline, up to 100' AGL/889' MSL.
Trees beginning 215' from DER, 148' right of centerline, up to 100' AGL/849' MSL.
Rwy 26, trees beginning 429' from DER, 90' left of centerline, up to 100' AGL/849' MSL.
Trees beginning 580' from DER, 57' right of centerline, up to 100' AGL/909' MSL.

GALION, OH

GALION MUNI (GQQ)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 25AUG11 (11237) (FAA)

TAKEOFF OBSTACLE NOTES:

Rwy 5, trees beginning 354' from DER, 335' right of centerline, up to 50' AGL/1269' MSL.
Rwy 23, vehicles on road beginning 0' from DER, 348' right of centerline, up to 15' AGL/1244' MSL.
Vehicles on road beginning 0' from DER, 362' left of centerline, up to 17' AGL/1236' MSL.
Train and power lines 0' from DER, 351' left of centerline, up to 30' AGL/1252' MSL.
Trees beginning 341' from DER, right and left of centerline, up to 50' AGL/1279' MSL.

GALLIPOLIS, OH

GALLIA-MEIGS RGNL (GAS)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 3 20JUN19 (19171) (FAA)

TAKEOFF MINIMUMS:

Rwy 5, 400-2½ or std. w/min. climb of 465' per NM to 1300.
Rwy 23, 300-1 w/min. climb of 350' per NM to 1600 or std. w/min. climb of 460' per NM to 1300 or 1300-3 for VCOA.

DEPARTURE PROCEDURE:

Rwy 5, climb heading 55° to 1800 before proceeding on course.
Rwy 23, climb heading 235° to 1200 before proceeding on course.

VCOA:

Rwy 23, obtain ATC approval for VCOA when requesting IFR clearance. Climb in visual conditions to cross Gallia-Meigs Regional airport at or above 1700 before proceeding on course.

TAKEOFF OBSTACLE NOTES:

Rwy 5, vehicle on road 5' from DER, 391' left of centerline, 17' AGL/586' MSL.
Tree and power poles beginning 72' from DER, 388' right of centerline, up to 100' AGL/669' MSL.
Tree, sign, light pole beginning 99' from DER, 326' left of centerline, up to 100' AGL/659' MSL.
Tree 293' from DER, 409' right of centerline, 100' AGL/669' MSL.
Trees beginning 426' from DER, 346' right of centerline, up to 100' AGL/669' MSL.
Trees, light pole, vehicle on road beginning 438' from DER, 267' left of centerline, up to 100' AGL/669' MSL.
Vehicle on road 935' from DER, on and left of centerline, 17' AGL/586' MSL.
Tree and vehicle on overpass beginning 937' from DER, 440' left of centerline, up to 100' AGL/669' MSL.
Sign 1124' from DER, 285' right of centerline, 30' AGL/599' MSL.
Trees beginning 1297' from DER, 113' right of centerline, up to 100' AGL/669' MSL.
Trees beginning 1.5 NM from DER, 1270' right of centerline, up to 940' MSL.
Rwy 23, vehicles on road, train beginning 2' from DER, 207' right of centerline, up to 15' AGL/594' MSL.
Trees beginning 4' from DER, 451' left of centerline, up to 100' AGL/669' MSL.
Power poles, train 90' from DER, 407' right of centerline, up to 30' AGL/599' MSL.
Vehicles on road beginning 179' from DER, on and left of centerline, up to 15' AGL/575' MSL.
Tree 187' from DER, 424' left of centerline, 100' AGL/669' MSL.
Vehicle on road 551' from DER, 70' left of centerline, 15' AGL/575' MSL.
Buildings beginning 923' from DER, 220' left of centerline, up to 40' AGL/609' MSL.
Power poles, tank, tree beginning 1238' from DER, 510' left of centerline, up to 50' AGL/619' MSL.
Trees beginning 2322' from DER, 1074' right of centerline, up to 100' AGL/699' MSL.

GARY/CHICAGO, IN

GARY/CHICAGO INTL (GYY)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 8A 05SEP24 (24249) (FAA)

TAKEOFF MINIMUMS:

Rwy 2, 300-1½ or std w/ min climb of 323' per NM to 900.

DEPARTURE PROCEDURE:

Rwy 20, climb heading 203° to 1300 before proceeding on course.

TAKEOFF OBSTACLE NOTES:

Rwy 2, tree, pole, building and vehicles on road beginning 554' from DER, 264' right of centerline, up to 26' AGL/617' MSL.
Tower 3432' from DER, 1125' right of centerline, 120' AGL/708' MSL.
Stacks and towers beginning 4434' from DER, 1004' right of centerline, up to 201' AGL/791' MSL.
Tree 1489' from DER, 236' left of centerline, 56' AGL/647' MSL.
Towers beginning 4598' from DER, 1080' left of centerline, up to 139' AGL/731' MSL.
Stacks and tower beginning 5921' from DER, 460' left of centerline, up to 236' AGL/823' MSL.

CON'T

GARY/CHICAGO, IN (CON'T)

GARY/CHICAGO INTL (GYY) (CON'T)

Rwy 2 (CON'T), vehicles on road 571' from DER, on runway centerline, 15' AGL/605' MSL.
Rwy 12, trees and poles beginning 790' from DER, 221' right of centerline, up to 86' AGL/685' MSL.
trees beginning 1617' from DER, 743' left of centerline, up to 65' AGL/656' MSL.
Towers beginning 4246' from DER, 444' left of centerline, up to 105' AGL/700' MSL.
Rwy 20, trees and poles beginning 651' from DER, 108' right of centerline, up to 96' AGL/685' MSL.
Trees, poles and vehicles on road beginning 884' from DER, 26' left of centerline, up to 63' AGL/658' MSL.
Vehicles on road 1048' from DER, on runway centerline, 17' AGL/631' MSL.
Rwy 30, tree and poles beginning 2021' from DER, 390' right of centerline, up to 105' AGL/710' MSL.
Terrain 137' from DER, 351' left of centerline, 22' AGL/612' MSL.
Poles and road sign beginning 1263' from DER, 60' left of centerline, up to 49' AGL/638' MSL.

GEORGETOWN, OH

BROWN COUNTY (GEO)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 2 26AUG10 (10238) (FAA)

TAKEOFF OBSTACLE NOTES:
Rwy 18, vehicle on road beginning 430' from DER, 116' right of centerline, up to 15' AGL/974' MSL.
Vehicle on road beginning 400' from DER, 155' left of centerline, up to 15' AGL/974' MSL.
Rwy 36, trees 328' from DER, 232' right of centerline, up to 100' AGL/1059' MSL.
Trees 301' from DER, 452' left of centerline, up to 100' AGL, 1069' MSL.

GOSHEN, IN

GOSHEN MUNI (GSH)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG-B 12JUN25 (25163) (FAA)

TAKEOFF MINIMUMS:
Rwys 5, 23, NA-Environmental.

TAKEOFF OBSTACLE NOTES:
Rwy 9, pole 43' from DER, 251' right of centerline, 4' AGL/831' MSL.
Poles beginning 990' from DER, 675' left of centerline, up to 29' AGL/855' MSL.
Tree 1091' from DER, 692' right of centerline, 885' MSL.
Tree 2132' from DER, 1027' right of centerline, 902' MSL.
Trees beginning 2245' from DER, 984' right of centerline, up to 915' MSL.
Tree 2319' from DER, 1019' left of centerline, 887' MSL.
Trees beginning 2494' from DER, 963' left of centerline, up to 91' AGL/921' MSL.
Trees beginning 3049' from DER, 717' left of centerline, up to 935' MSL.
Trees beginning 3297' from DER, 116' right of centerline, up to 923' MSL.
Trees beginning 3450' from DER, 194' left of centerline, up to 942' MSL.
Trees beginning 3585' from DER, 208' right of centerline, up to 74' AGL/927' MSL.
Trees beginning 3678' from DER, 874' right of centerline, up to 928' MSL.
Trees beginning 3919' from DER, 662' right of centerline, up to 935' MSL.
Trees beginning 3927' from DER, 319' left of centerline, up to 946' MSL.
Trees beginning 4079' from DER, 540' right of centerline, up to 951' MSL.
Trees beginning 4175' from DER, 342' left of centerline, up to 94' AGL/950' MSL.
Trees beginning 4186' from DER, 317' left of centerline, up to 952' MSL.
Trees beginning 4288' from DER, 346' left of centerline, up to 96' AGL/953' MSL.
Trees beginning 4325' from DER, 373' left of centerline, up to 958' MSL.
Trees beginning 4370' from DER, 359' left of centerline, up to 960' MSL.
Trees beginning 4442' from DER, 412' left of centerline, up to 969' MSL.
Trees beginning 4486' from DER, 354' left of centerline, up to 970' MSL.
Trees beginning 4744' from DER, 410' left of centerline, up to 971' MSL.
Rwy 27, agricultural equipment 78' from DER, 482' right of centerline, 19' AGL/835' MSL.
Agricultural equipment, terrain beginning 85' from DER, 301' right of centerline, up to 19' AGL/837' MSL.
Trees beginning 1570' from DER, 512' left of centerline, up to 888' MSL.
Tree 1691' from DER, 769' left of centerline, 893' MSL.
Trees beginning 1760' from DER, 449' left of centerline, up to 901' MSL.
Trees beginning 2222' from DER, 816' left of centerline, up to 89' AGL/904' MSL.
Trees beginning 2227' from DER, 236' left of centerline, up to 916' MSL.
Trees beginning 2278' from DER, 328' right of centerline, up to 887' MSL.
Trees beginning 2399' from DER, 609' right of centerline, up to 891' MSL.
Trees beginning 2853' from DER, 105' left of centerline, up to 113' AGL/917' MSL.
Trees beginning 3032' from DER, 71' left of centerline, up to 123' AGL/923' MSL.
Trees beginning 3053' from DER, 81' left of centerline, up to 124' AGL/925' MSL.
Tree 3085' from DER, 244' right of centerline, 909' MSL.
Trees beginning 3105' from DER, 51' right of centerline, up to 111' AGL/916' MSL.
Tree 3475' from DER, 661' right of centerline, 917' MSL.
Trees beginning 3478' from DER, 314' right of centerline, up to 120' AGL/923' MSL.

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GREENCASTLE, IN

PUTNAM COUNTY RGNL (GPC)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 1 05JAN17 (17005) (FAA)

TAKEOFF OBSTACLE NOTES:

Rwy 18, grd 91' from DER, 299' left of centerline, 817' MSL.
Fence 113' from DER, 306' left of centerline, 3' AGL/822' MSL.
Fence 199' from DER, 307' left of centerline, 7' AGL/825' MSL.
Trees, poles, and bldgs beginning 538' from DER, 373' right of centerline, up to 873' MSL.
Tree 997' from DER, 266' left of centerline, 855' MSL.
Tree 1015' from DER, 360' left of centerline, 859' MSL.
Tree 2728' from DER, 1049' right of centerline, 894' MSL.
Rwy 36, grd 4' from DER, 486' right of centerline, 850' MSL.
Trees beginning 656' from DER, 596' right of centerline, up to 910' MSL.
Trees and bldg beginning 1269' from DER, 206' right of centerline, up to 912' MSL.
Trees, spire, and bldg beginning 1861' from DER, 217' right of centerline, up to 67' AGL/918' MSL.
Tree 1862' from DER, 535' left of centerline, 42' AGL/889' MSL.
Trees beginning 2227' from DER, 199' left of centerline, up to 64' AGL/912' MSL.
Tree and bldg beginning 2334' from DER, 18' left of centerline, up to 913' MSL.

GREENSBURG, IN

GREENSBURG MUNI (I34)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 11JUL24 (24193) (FAA)

TAKEOFF MINIMUMS:

Rwy 1, 300-1.

TAKEOFF OBSTACLE NOTES:

Rwy 1, tree 416' from DER, 598' left of centerline, 950' MSL.
Tree 428' from DER, 487' left of centerline, 964' MSL.
Utility building 1360' from DER, 855' left of centerline, 122' AGL/1035' MSL.
Elevators beginning 1443' from DER, 724' left of centerline, up to 153' AGL/1067' MSL.
Tree 1980' from DER, 962' right of centerline, 1018' MSL.
Rwy 19, tree 131' from DER, 487' right of centerline, 961' MSL.
Trees beginning 280' from DER, 510' left of centerline, up to 944' MSL.
Trees beginning 498' from DER, 459' right of centerline, up to 992' MSL.
Tree 799' from DER, 597' left of centerline, 968' MSL.
Trees beginning 924' from DER, 585' left of centerline, up to 989' MSL.
Trees beginning 2401' from DER, 630' left of centerline, up to 993' MSL.

GRIFFITH, IN

GRIFFITH-MERRILLVILLE (05C)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 4B 07OCT21 (21280) (FAA)

TAKEOFF MINIMUMS:

Rwy 8, 300-1.

TAKEOFF OBSTACLE NOTES:

Rwy 8, tree, pole, vehicles on road beginning 164' from DER, 135' right of centerline, up to 703' MSL.
Pole 307' from DER, 514' left of centerline, 44' AGL/675' MSL.
Tree, vehicles on road beginning 432' from DER, 169' left of centerline, up to 695' MSL.
Trees beginning 444' from DER, 6' right of centerline, up to 708' MSL.
Pole, building beginning 454' from DER, 191' left of centerline, up to 75' AGL/704' MSL.
Tree, pole beginning 831' from DER, 7' left of centerline, up to 712' MSL.
Trees beginning 1055' from DER, 5' right of centerline, up to 709' MSL.
Trees beginning 1980' from DER, 58' left of centerline, up to 717' MSL.
Tree 2967' from DER, 388' right of centerline, 714' MSL.
Trees beginning 3166' from DER, 259' left of centerline, up to 718' MSL.
Trees beginning 3288' from DER, 153' left of centerline, up to 724' MSL.
Tree 3747' from DER, 284' left of centerline, 726' MSL.
Tower 4136' from DER, 1383' left of centerline, 257' AGL/896' MSL.
Tower 4426' from DER, 1293' left of centerline, 148' AGL/791' MSL.
Rwy 26, vegetation 164' from DER, 471' left of centerline, 653' MSL.
Building 192' from DER, 156' right of centerline.
Pole 1247' from DER, 199' right of centerline, 40' AGL/675' MSL.
Tree 1286' from DER, 285' left of centerline, 667' MSL.
Tree, pole beginning 1298' from DER, 58' right of centerline, up to 693' MSL.
Tree, pole beginning 1380' from DER, 25' left of centerline, up to 703' MSL.
Tree 1498' from DER, 80' right of centerline, 703' MSL.
Tree 1523' from DER, 271' left of centerline, 709' MSL.
Pole, tree beginning 1590' from DER, 21' left of centerline, up to 75 ' AGL/713' MSL.
Trees beginning 1613' from DER, 93' right of centerline, up to 710' MSL.
Trees beginning 1739' from DER, 25' left of centerline, up to 723' MSL.
Trees beginning 1826' from DER, 60' right of centerline, up to 716' MSL.
Trees beginning 1920' from DER, 68' right of centerline, up to 717' MSL.

CON'T

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GRIFFITH, IN

GRIFFITH-MERRILLVILLE (05C)

Rwy 26 (CON'T), trees beginning 2144' from DER, 12' right of centerline, up to 739' MSL.
Tree 3205' from DER, 716' left of centerline, 725' MSL.

HAMILTON, OH

BUTLER COUNTY RGNL/HOGAN FLD (HAO)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 5A 17APR25 (25107) (FAA)

TAKEOFF MINIMUMS:
Rwy 30, 300-1 or std w/min climb of 482'/NM to 900.
DEPARTURE PROCEDURE:
Rwy 12, climb heading 126° to 1700 before proceeding on course.
TAKEOFF OBSTACLE NOTES:
Rwy 12, tree 939' from DER, 751' right of centerline, 667' MSL.
Pole 2962' from DER, 616' left of centerline, 29' AGL/694' MSL.
Pole 3320' from DER, 614' left of centerline, 53' AGL/706' MSL.
Pole 3559' from DER, 167' left of centerline, 62' AGL/711' MSL.
Tree 3624' from DER, 129' right of centerline, 717' MSL.
Rwy 30, vegetation 155' from DER, 277' right of centerline, 641' MSL.
Building 533' from DER, 374' left of centerline, 29' AGL/657' MSL.
Tree 963' from DER, 416' right of centerline, 667' MSL.
Tree 1123' from DER, 722' left of centerline, 698' MSL.
Tree 1395' from DER, 758' left of centerline, 702' MSL.
Vehicles on road, trees beginning 1946' from DER, 244' right of centerline, up to 703' MSL.
Pole 2217' from DER, 422' right of centerline, 22' AGL/721' MSL.
Trees, buildings beginning 2243' from DER, 371' right of centerline, up to 782' MSL.
Tree 2580' from DER, 289' left of centerline, 705' MSL.
Trees beginning 2595' from DER, 105' right of centerline, up to 788' MSL.
Trees beginning 2667' from DER, 57' left of centerline, up to 723' MSL.
Tree 3395' from DER, 863' right of centerline, 796' MSL.
Trees beginning 3548' from DER, 242' right of centerline, up to 814' MSL.

HARRISON, OH

CINCINNATI WEST (I67)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 2A 08OCT20 (20282) (FAA)

TAKEOFF MINIMUMS:
Rwy 1, 500-3 or std. w/min. climb of 385' per NM to 1200.
Rwy 19, 500-3 or std. w/ min. climb of 253' per NM to 1300.
TAKEOFF OBSTACLE NOTES:
Rwy 1, multiple trees beginning 5364' from DER, 180' right of centerline, up to 100' AGL/915' MSL.
Multiple trees beginning 5596' from DER, 1180' left of centerline up to 100' AGL/909' MSL.
Multiple trees beginning 1.5 NM from DER, 2293' left of centerline, up to 200' AGL/849' MSL.
Rwy 19, road 23' from DER, on centerline, 15' AGL/599' MSL.

HILLSBORO, OH

HIGHLAND COUNTY (HOC)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 4 19JUL18 (18200) (FAA)

TAKEOFF MINIMUMS:
Rwy 5, 300-1¾ or std. w/ min. climb of 285' per NM to 1300.
DEPARTURE PROCEDURES:
Rwy 23, climb on heading 234° to 1600 before turning left.
TAKEOFF OBSTACLE NOTES:
Rwy 5, trees beginning 20' from DER, 40' left of centerline, up to 1023' MSL.
Fence 105' from DER, 326' right of centerline, 9' AGL/952' MSL.
Trees beginning 145' from DER, 13' right of centerline, up to 1023' MSL.
Tree 4652' from DER, 205' right of centerline, 1051' MSL.
Trees beginning 4692' from DER, 31' right of centerline, up to 100' AGL/1078'MSL.
Tree 1.1 NM from DER, 2294' right of centerline, 100' AGL/1170' MSL.
Rwy 23, tree 49' from DER, 444' right of centerline, 999' MSL.
Trees beginning 90' from DER, 185' right of centerline, up to 100' AGL/1075' MSL.
Tree, pole beginning 109' from DER, 42' left of centerline, up to 100' AGL/1062' MSL.
Trees beginning 448' from DER, 109' right of centerline, up to 100' AGL/1081' MSL.
Trees beginning 627' from DER, 33' right of centerline, up to 100' AGL/1085' MSL.

HUNTINGBURG, IN

HUNTINGBURG (HNB)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 2 12AUG21 (21224) (FAA)

TAKEOFF OBSTACLE NOTES:

Rwy 9, tree 1255' from DER, 507' left of centerline, 76' AGL/567' MSL.
Trees beginning 1257' from DER, 544' left of centerline, up to 90' AGL/584' MSL.
Tree 1558' from DER, 763' left of centerline, 597' MSL.
Trees beginning 1643' from DER, 800' left of centerline, up to 604' MSL.
Trees beginning 1980' from DER, 901' left of centerline, up to 606' MSL.
Trees beginning 4445' from DER, 1257' right of centerline, up to 646' MSL.
Tree 4621' from DER, 978' left of centerline, 646' MSL.
Trees beginning 4648' from DER, 730' left of centerline, up to 654' MSL.
Tree 4824' from DER, 1677' right of centerline, 654' MSL.
Trees beginning 4854' from DER, 889' left of centerline, up to 666' MSL.
Tree 4894' from DER, 1561' right of centerline, 655' MSL.
Trees beginning 4998' from DER, 733' right of centerline, up to 660' MSL.
Trees beginning 5201' from DER, 696' right of centerline, up to 671' MSL.
Electrical system 5509' from DER, 592' left of centerline, 90' AGL/667' MSL.
Rwy 27, lighting 9' from DER, 16' right of centerline, 1' AGL/514' MSL.
Trees beginning 415' from DER, 465' right of centerline, up to 57' AGL/557' MSL.
Trees beginning 569' from DER, 500' right of centerline, up to 87' AGL/583' MSL.
Trees beginning 606' from DER, 613' right of centerline, up to 97' AGL/591' MSL.
Trees beginning 741' from DER, 511' right of centerline, up to 597' MSL.
Trees beginning 860' from DER, 333' left of centerline, up to 569' MSL.
Tree 1740' from DER, 764' left of centerline, 581' MSL.
Trees beginning 1970' from DER, 750' left of centerline, up to 587' MSL.
Tree 2805' from DER, 1215' left of centerline, 590' MSL.

HUNTINGTON, IN

HUNTINGTON MUNI (HHG)

TAKEOFF MINIMUMS AND (OBSTACLE)DEPARTURE PROCEDURES

AMDT 2A 27JAN22 (22027) (FAA)

TAKEOFF OBSTACLE NOTES:

Rwy 10, trees beginning 2' from DER, 59' right of centerline, up to 854' MSL.
Pole 47' from DER, 198' left of centerline, 23' AGL/812' MSL.
Trees beginning 291' from DER, 10' left of centerline, up to 882' MSL.
Trees beginning 1006' from DER, 230' left of centerline, up to 892' MSL.
Trees beginning 1142' from DER, 35' right of centerline, up to 866' MSL.
Tree 2112' from DER, 509' right of centerline, 872' MSL.
Rwy 28, tree 112' from DER, 498' left of centerline, 855' MSL.
Tree, vegetation, vehicles on road, pole beginning 159' from DER, 20' left of centerline, up to 875' MSL.
Building 269' from DER, 519' right of centerline, 20' AGL/826' MSL.
Pole, tree beginning 456' from DER, 31' right of centerline, up to 41' AGL/846' MSL.
Tree, pole beginning 832' from DER, 2' right of centerline, up to 851' MSL.
Tree 2727' from DER, 816' right of centerline, 900' MSL.

INDIANAPOLIS, IN

EAGLE CREEK AIRPARK (EYE)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 3 31MAR16 (16091) (FAA)

DEPARTURE PROCEDURE:

Rwy 3, climb heading 031° to 2100 before turning on course.

TAKEOFF OBSTACLE NOTES:

Rwy 3, pole 507' from DER, 631' left of centerline, 38' AGL/860' MSL.
Building 859' from DER, 524' right of centerline, 35' AGL/851' MSL.
Trees beginning 2015' from DER, 583' left of centerline, up to 87' AGL/904' MSL.
Rwy 21, airport beacon 10' from DER, 464' left of centerline, 54' AGL/867' MSL.
Pole 167' from DER, 385' left of centerline, 33' AGL/848' MSL.
Vehicles on road 310' from DER, right and left of centerline, up to 15' AGL/833' MSL.
Building 363' from DER, 258' left of centerline, 14' AGL/828' MSL.
Trees beginning 677' from DER, 267' right of centerline, up to 89' AGL/901' MSL.
Poles and power lines beginning 699' from DER, 451' left of centerline, up to 38' AGL/849' MSL.
Trees beginning 1623' from DER, 57' left of centerline, up to 90' AGL/890' MSL.

INDIANAPOLIS, IN (CON'T)

HENRICKS COUNTY-GORDON GRAHAM FLD (2R2)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 05JUN08 (21280) (FAA)

TAKEOFF OBSTACLE NOTES:

Rwy 18, pole 746' from DER, on centerline, 60' AGL/919' MSL.
Trees 2091' from DER, 625' left of centerline, 100' AGL/949' MSL.
Rwy 36, trees 1302' from DER, 648' right of centerline, 100' AGL/1009' MSL.
Tree 3529' from DER, 788' right of centerline, 100' AGL/1009' MSL.
Tree 5244' from DER, 1005' left of centerline, 100' AGL/1029' MSL.

INDIANAPOLIS EXEC (TYQ)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 2 05OCT23 (23278) (FAA)

TAKEOFF OBSTACLE NOTES:

Rwy 18, tree 212' from DER, 203' left of centerline, 40' AGL/954' MSL.
Trees beginning 370' from DER, 247' left of centerline, up to 60' AGL/971' MSL.
Trees beginning 1385' from DER, 752' left of centerline, up to 75' AGL/986' MSL.
Tree 1541' from DER, 741' left of centerline, 78' AGL/990' MSL.
Trees beginning 1568' from DER, 196' left of centerline, up to 79' AGL/993' MSL.
Tree 1602' from DER, 622' right of centerline, 74' AGL/988' MSL.
Trees beginning 1670' from DER, 192' left of centerline, up to 994' MSL.
Trees beginning 1875' from DER, 733' right of centerline, up to 86' AGL/997' MSL.
Trees beginning 1924' from DER, 251' right of centerline, up to 96' AGL/1007' MSL.
Trees beginning 2031' from DER, 311' left of centerline, up to 996' MSL.
Rwy 36, wind indicator, building beginning 124' from DER, 429' left of centerline, up to 22' AGL/943' MSL.
Pole 1115' from DER, 490' left of centerline, 26' AGL/951' MSL.
Pole 1134' from DER, 321' left of centerline, 33' AGL/958' MSL.
Poles beginning 1144' from DER, 326' left of centerline, up to 961' MSL.
Poles beginning 1156' from DER, 336' right of centerline, up to 955' MSL, pole 1203' from DER, 776' right of centerline, 959' MSL.
Trees beginning 1242' from DER, 55' left of centerline, up to 974' MSL.
Trees beginning 1256' from DER, 320' right of centerline, up to 52' AGL/974' MSL.
Trees beginning 1755' from DER, 318' right of centerline, up to 993' MSL.
Trees beginning 1963' from DER, 779' left of centerline, up to 977' MSL.
Trees beginning 2024' from DER, 22' right of centerline, up to 996' MSL.
Trees beginning 2159' from DER, 25' left of centerline, up to 997' MSL.
Tree 2853' from DER, 58' left of centerline, 74' AGL/999' MSL.
Tree 2880' from DER, 88' left of centerline, 74' AGL/1000' MSL.
Trees beginning 2887' from DER, 21' left of centerline, up to 79' AGL/1004' MSL.
Trees beginning 2955' from DER, 22' left of centerline, up to 80' AGL/1005' MSL.
Trees beginning 2957' from DER, 4' left of centerline, up to 84' AGL/1008' MSL.
Tree 2966' from DER, 129' right of centerline, 75' AGL/1001' MSL.
Tree 2988' from DER, 332' left of centerline, 97' AGL/1011' MSL.
Trees beginning 2999' from DER, 5' left of centerline, up to 105' AGL/1018' MSL.
Tree 3045' from DER, 185' right of centerline, 77' AGL/1003' MSL.
Tree 3055' from DER, 167' right of centerline, 79' AGL/1004' MSL.
Trees beginning 3058' from DER, 18' right of centerline, up to 87' AGL/1011' MSL.
Trees beginning 3179' from DER, 16' left of centerline, up to 106' AGL/1020' MSL.
Trees beginning 3193' from DER, 1' left of centerline, up to 109' AGL/1022' MSL.
Trees beginning 3259' from DER, 24' right of centerline, up to 99' AGL/1018' MSL.
Trees beginning 3318' from DER, 7' right of centerline, up to 103' AGL/1023' MSL.
Trees beginning 3355' from DER, 4' right of centerline, up to 107' AGL/1026' MSL.
Trees beginning 3403' from DER, 1' left of centerline, up to 1024' MSL.
Trees beginning 3476' from DER, 4' right of centerline, up to 102' AGL/1028' MSL.
Trees beginning 3506' from DER, 4' left of centerline, up to 111' AGL/1027' MSL.
Trees beginning 3613' from DER, 8' right of centerline, up to 126' AGL/1036' MSL.
Trees beginning 3755' from DER, 9' left of centerline, up to 1034' MSL.

INDIANAPOLIS INTL (IND)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 18JAN07 (07018) (FAA)

TAKEOFF OBSTACLE NOTES:

Rwy 5R, tower 3756' from DER, 1048' left of centerline, 111' AGL/901' MSL.
Rod on obstruction light dome 3765' from DER, 1076' left of centerline, 107' AGL/901' MSL.
Rwy 5L, rod on obstruction light MCWV tower 5052' from DER, 140' right of centerline, 129' AGL/923' MSL.
Tower 5073' from DER, 93' right of centerline, 128'AGL/923'MSL.
Rwy 23R, tree 5159' from DER, 1144' right of centerline, 101' AGL/870' MSL.
Tree 3295' from DER, 948' right of centerline, 78' AGL/822' MSL.
Rwy 32, antenna 2370' from DER, 755' right of centerline, 70' AGL/849' MSL.
Tree 2244' from DER, 707' right of centerline, 66' AGL/845' MSL.

INDIANAPOLIS, IN (CON'T)

INDIANAPOLIS METRO (UMP)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 4 16MAY24 (24137) (FAA)

DEPARTURE PROCEDURE:

Rwy 33, climb on heading 329° to 1400 before turning left.

TAKEOFF OBSTACLE NOTES:

Rwy 15, NAVAID 39' from DER, 124' left of centerline, 3' AGL/812' MSL.
Sign and pole beginning 1275' from DER,206' right of centerline, up to 45' AGL/857' MSL.
Pole 1733' from DER, 42' right of centerline, 44' AGL/859' MSL.
Pole 1861' from DER, 144' left of centerline, 47' AGL/866' MSL.
Trees beginning 1964' from DER, 65' right of centerline, up to 884' MSL.
Tree 1992' from DER, 236' left of centerline, 868' MSL.
Tree 2611' from DER, 113' right of centerline, 887' MSL.
Pole 3089' from DER, 1316' left of centerline, 127' AGL/952' MSL.
Tower 4370' from DER, 1455' left of centerline, 137' AGL/962' MSL.
Rwy 33, trees beginning 666' from DER, 108' left of centerline, up to 865' MSL.
Tree 852' from DER, 605' right of centerline, 810' MSL.
Tree 1080' from DER, 635' right of centerline, 830' MSL.
Tree 1199' from DER, 486' right of centerline, 842' MSL.
Trees beginning 1210' from DER, 365' right of centerline, up to 859' MSL.

INDIANAPOLIS RGNL (MQJ)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 3 20SEP12 (12264) (FAA)

TAKEOFF MINUMUMS:

Rwy 34, 300-1 or std. w/min. climb of 347' per NM to 1100.

DEPARTURE PROCEDURE:

Rwy 25, climb heading 270° to 2000 before turning left.

TAKEOFF OBSTACLE NOTES:

Rwy 7, airplane on taxiway, 177' from DER, 518' left of centerline, up to 17' AGL/871' MSL.
Trees beginning 4074' from DER, 434' left of centerline, up to 100' AGL/969' MSL.
Trees beginning 4626' from DER, 837' right of centerline, up to 100' AGL/979' MSL.
Rwy 16, airplane on taxiway, 183' from DER, 479' right of centerline, up to 17' AGL/871' MSL.
Pole 234' from DER, 550' right of centerline, 6' AGL/864' MSL.
Trees beginning 1634' from DER, 666' left of centerline, up to 78' AGL/929' MSL.
Rwy 25, trees beginning 2347' from DER, 927' left of centerline, up to 100' AGL/969' MSL.
Rwy 34, trees beginning 1309' from DER, 7' left of centerline, up to 98' AGL/954' MSL.
Pole 1587' from DER, 295' left of centerline, 41' AGL/900' MSL.
Trees beginning 3099' from DER, 1043' right of centerline, up to 86' AGL/960' MSL.
Antennas and towers beginning 3682' from DER, 1364' right of centerline, up to 167' AGL/1022' MSL.

INDY SOUTH GREENWOOD (HFY)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 5 01FEB18 (18032) (FAA)

DEPARTURE PROCEDURE:

Rwy 1, climb heading 010° to 1500 before turning right.

TAKEOFF OBSTACLE NOTES:

Rwy 1, poles beginning 7' from DER, 224' left of centerline, up to 17' AGL/835' MSL.
Tree 41' from DER, 364' right of centerline, 26' AGL/846' MSL.
Building 105' from DER, 495' right of centerline, 27' AGL/848' MSL.
Building 430' from DER, 603' left of centerline, 37' AGL/857' MSL.
Building, tree, pole beginning 458' from DER, 378' right of centerline, up to 40' AGL/858' MSL.
Building, pole beginning 463' from DER, 562' left of centerline, up to 39' AGL/859' MSL.
Building, pole, tree beginning 506' from DER, 470' left of centerline, up to 45' AGL/865' MSL.
Pole 671' from DER, 464' right of centerline, 51' AGL/868' MSL.
Pole, traverse way, sign, building, tree beginning 690' from DER, 245' right of centerline, up to 53' AGL/872' MSL.
Transmission line, pole beginning 1555' from DER, 659' right of centerline, up to 70' AGL/893' MSL.
Trees beginning 1917' from DER, 321' left of centerline, up to 90' AGL/899' MSL.
Trees beginning 2026' from DER, 328' left of centerline, up to 103' AGL/907' MSL.
Tree, transmission line beginning 2328' from DER, 795' right of centerline, up to 76' AGL/894' MSL.
Tree, transmission line beginning 2463' from DER, 376' right of centerline, up to 77' AGL/898' MSL.
Building 5365' from DER, 1405' right of centerline, 135' AGL/957' MSL.
Rwy 19, terrain 2' from DER, 496' left of centerline, 824' MSL.
Fence 12' from DER, 490' right of centerline, 4' AGL/826' MSL.
Tree 212' from DER, 549' left of centerline, 52' AGL/873' MSL.
Tree 543' from DER, 417' right of centerline, 18' AGL/845' MSL.
Tree, building beginning 564' from DER, 612' left of centerline, up to 62' AGL/884' MSL.
Tree 638' from DER, 402' right of centerline, 20' AGL/849' MSL.
Tree 752' from DER, 383' right of centerline, 24' AGL/852' MSL.
Trees beginning 782' from DER, 65' right of centerline, up to 41' AGL/868' MSL.
Tree, pole beginning 953' from DER, 9' left of centerline, up to 62' AGL/886' MSL.
Tree, pole beginning 1155' from DER, 145' right of centerline, up to 69' AGL/896' MSL.
Trees beginning 1487' from DER, 83' right of centerline, up to 78' AGL/902' MSL.

CON'T

EC-2, 12 JUN 2025 to 07 AUG 2025

EC-2, 12 JUN 2025 to 07 AUG 2025

INDIANAPOLIS, IN (CON'T)

INDY SOUTH GREENWOOD (HFY) (CON'T)

Rwy 19 (CON'T), trees beginning 1561' from DER, 25' right of centerline, up to 76' AGL/904' MSL.
Trees beginning 2035' from DER, 270' right of centerline, up to 87' AGL/908' MSL.
Trees beginning 2161' from DER, 634' left of centerline, up to 76' AGL/908' MSL.
Trees beginning 2706' from DER, 156' left of centerline, up to 80' AGL/916' MSL.
Trees beginning 2730' from DER, 248' right of centerline, up to 98' AGL/923' MSL.
Tree 3079' from DER, 1113' left of centerline, 60' AGL/918' MSL.
Trees beginning 3080' from DER, 181' left of centerline, up to 64' AGL/921' MSL.
Trees beginning 3246' from DER, 131' left of centerline, up to 72' AGL/923' MSL.
Tree 4071' from DER, 127' left of centerline, 79' AGL/944' MSL.

JACKSON, OH

JAMES A RHODES (JRO)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 4A 14JUL22 (22195) (FAA)

TAKEOFF MINIMUMS:
Rwy 1, 300-1⅞.
Rwy 19, 300-1⅝.

DEPARTURE PROCEDURE:
Rwy 1, climb on heading 010° to 1500 before turning left.

TAKEOFF OBSTACLE NOTES:
Rwy 1, vehicle on road 104' from DER, 233' left of centerline, 748' MSL.
Trees, terrain, beginning 162' from DER, 186' left of centerline, up to 38' AGL/773' MSL.
Tree, terrain, vehicle on road, beginning 540' from DER, 234' left of centerline, up to 32' AGL/784' MSL.
Tree 763' from DER, 596' left of centerline, 51' AGL/806' MSL.
Trees, beginning 930' from DER, 431' right of centerline, up to 71' AGL/799' MSL.
Tree, vehicle on road, beginning 956' from DER, 237' left of centerline, up to 83' AGL/840' MSL.
Tree, vehicle on road, beginning 1138' from DER, 238' left of centerline, up to 84' AGL/843' MSL.
Trees, pole, transmission line, beginning 1286' from DER, 222' left of centerline, up to 94' AGL/864' MSL.
Trees, vehicle on road, poles, transmission line, beginning 1425' from DER, 224' left of centerline, up to 99' AGL/867' MSL.
Tree, terrain, beginning 1973' from DER, 599' left of centerline, up to 55' AGL/871' MSL.
Tree 2132' from DER, 568' left of centerline, 84' AGL/893' MSL.
Tree 2142' from DER, 997' left of centerline, 91' AGL/894' MSL.
Tree, terrain, beginning 2156' from DER, 343' left of centerline, up to 93' AGL/911' MSL.
Tree 2239' from DER, 589' left of centerline, 78' AGL/915' MSL.
Trees, pole, transmission line, terrain, beginning 2291' from DER, 249' left of centerline, up to 65' AGL/922' MSL.
Trees, vehicle on road, beginning 2453' from DER, 197' left of centerline, up to 71' AGL/931' MSL.
Trees, transmission line, pole, beginning 2590' from DER, 167' right of centerline, up to 71' AGL/810' MSL.
Trees, pole, beginning 2645' from DER, 283' left of centerline, up to 68' AGL/933' MSL.
Trees, pole, transmission line, building, sign, tower, beginning 2721' from DER, 106' left of centerline, up to 86' AGL/939' MSL.
Tree 2779' from DER, 25' right of centerline, 64' AGL/826' MSL.
Trees, beginning 2800' from DER, 122' right of centerline, up to 76' AGL/833' MSL.
Trees, beginning 2863' from DER, 7' right of centerline, up to 93' AGL/845' MSL.
Trees, building, beginning 2866' from DER, 170' left of centerline, up to 75' AGL/945' MSL.
Trees, poles, beginning 2973' from DER, 32' left of centerline, up to 108' AGL/955' MSL.
Trees, beginning 3628' from DER, 681' right of centerline, up to 100' AGL/854' MSL.
Trees, beginning 3737' from DER, 547' right of centerline, up to 92' AGL/861' MSL.
Trees, beginning 4116' from DER, 487' right of centerline, up to 108' AGL/880' MSL.
Trees, beginning 4220' from DER, 11' left of centerline, up to 92' AGL/956' MSL.
Trees, beginning 4277' from DER, 673' right of centerline, up to 101' AGL/888' MSL.
Trees, beginning 4362' from DER, 7' right of centerline, up to 98' AGL/894' MSL.
Tree 4507' from DER, 279' right of centerline, 81' AGL/895' MSL.
Trees, beginning 4507' from DER, 369' right of centerline, up to 90' AGL/898' MSL.
Tree 4532' from DER, 524' right of centerline, 108' AGL/900' MSL.
Trees, beginning 4541' from DER, 278' right of centerline, up to 87' AGL/907' MSL.
Trees, beginning 4590' from DER, 16' right of centerline, up to 98' AGL/908' MSL.
Trees, beginning 4812' from DER, 74' right of centerline, up to 70' AGL/914' MSL.
Trees, beginning 5025' from DER, 65' right of centerline, up to 72' AGL/917' MSL.
Trees, beginning 5093' from DER, 40' left of centerline, up to 81' AGL/957' MSL.
Trees, beginning 5145' from DER, 14' left of centerline, up to 89' AGL/962' MSL.
Trees, beginning 5167' from DER, 72' left of centerline, up to 77' AGL/965' MSL.
Trees, poles, building, beginning 5259' from DER, 66' right of centerline, up to 80' AGL/919' MSL.
Trees, beginning 5348' from DER, 203' left of centerline, up to 82' AGL/968' MSL.
Trees, beginning 5417' from DER, 1003' left of centerline, up to 83' AGL/969' MSL.
Trees, transmission line, poles, building, beginning 5447' from DER, 70' left of centerline, up to 93' AGL/971' MSL.
Trees, pole, building, beginning 5481' from DER, 116' right of centerline, up to 73' AGL/934' MSL.
Trees, beginning 5819' from DER, 54' right of centerline, up to 109' AGL/936' MSL.
Trees, beginning 6037' from DER, 21' left of centerline, up to 95' AGL/973' MSL.
Transmission line, trees, beginning 1 NM from DER, 188' left of centerline, up to 138' AGL/1013' MSL.
Transmission line, trees, water towers, tank, beginning 1.1 NM from DER, 10' left of centerline, up to 171' AGL/1023' MSL.
Transmission line, trees, beginning 1.1 NM from DER, 75' right of centerline, up to 147' AGL/960' MSL.
Tree 1.5 NM from DER, 2581' left of centerline, 95' AGL/957' MSL.
CON'T

EC-2, 12 JUN 2025 to 07 AUG 2025
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JACKSON, OH (CON'T)

JAMES A RHODES (JRO) (CON'T)

Rwy 19, terrain, beginning 3' from DER, 205' right of centerline, up to 725' MSL.
Tree, terrain, pole, building, beginning 774' from DER, 196' right of centerline, up to 60' AGL/817' MSL.
Terrain 792' from DER, 6' left of centerline, 746' MSL.
Trees, building, beginning 820' from DER, 476' right of centerline, up to 55' AGL/821' MSL.
Tree 863' from DER, 336' left of centerline, 30' AGL/752' MSL.
Trees, buildings, terrain, poles, vehicle on road, beginning 888' from DER, 3' right of centerline, up to 67' AGL/831' MSL.
Building 899' from DER, 280' left of centerline, 24' AGL/754' MSL.
Trees, stack, pole, beginning 914' from DER, 111' left of centerline, up to 62' AGL/800' MSL.
Trees, poles, beginning 1106' from DER, 113' left of centerline, up to 62' AGL/804' MSL.
Trees, poles, beginning 1418' from DER, 21' left of centerline, up to 89' AGL/810' MSL.
Trees, pole, beginning 1447' from DER, 194' right of centerline, up to 65' AGL/853' MSL.
Trees, terrain, buildings, beginning 1555' from DER, 45' right of centerline, up to 65' AGL/864' MSL.
Trees, poles, buildings, terrain, beginning 1736' from DER, 24' right of centerline, up to 87' AGL/878' MSL.
Tree 2233' from DER, 25' left of centerline, 73' AGL/830' MSL.
Trees, building, beginning 2266' from DER, 6' left of centerline, up to 78' AGL/836' MSL.
Trees, beginning 2817' from DER, 64' left of centerline, up to 94' AGL/857' MSL.
Trees, pole, beginning 2843' from DER, 27' left of centerline, up to 93' AGL/860' MSL.
Trees, beginning 3067' from DER, 186' right of centerline, up to 110' AGL/890' MSL.
Trees, beginning 3179' from DER, 183' right of centerline, up to 98' AGL/893' MSL.
Trees, beginning 3272' from DER, 193' right of centerline, up to 99' AGL/899' MSL.
Trees, beginning 3345' from DER, 462' right of centerline, up to 103' AGL/914' MSL.
Trees, beginning 3370' from DER, 364' right of centerline, up to 106' AGL/930' MSL.
Trees, beginning 3436' from DER, 198' right of centerline, up to 119' AGL/936' MSL.
Trees, beginning 3576' from DER, 175' right of centerline, up to 113' AGL/940' MSL.
Trees, beginning 3642' from DER, 193' right of centerline, up to 113' AGL/942' MSL.
Trees, beginning 3747' from DER, 188' right of centerline, up to 124' AGL/944' MSL.
Trees, beginning 3927' from DER, 146' right of centerline, up to 102' AGL/962' MSL.
Trees, building, beginning 4077' from DER, 12' right of centerline, up to 105' AGL/965' MSL.
Trees, beginning 4196' from DER, 817' left of centerline, up to 60' AGL/885' MSL.
Trees, beginning 4202' from DER, 305' left of centerline, up to 105' AGL/886' MSL.
Tree 4241' from DER, 600' left of centerline, 80' AGL/892' MSL.
Trees, terrain, fence, buildings, pole, beginning 4573' from DER, 42' left of centerline, up to 88' AGL/929' MSL.
Tree 5543' from DER, 176' left of centerline, 77' AGL/939' MSL.
Trees, beginning 5549' from DER, 16' left of centerline, up to 84' AGL/947' MSL.
Transmission line 1.1 NM from DER, 1896' right of centerline, 125' AGL/969' MSL.
Transmission line, trees, beginning 1.1 NM from DER, 12' right of centerline, up to 128' AGL/999' MSL.
Transmission line, trees, beginning 1.1 NM from DER, 22' left of centerline, up to 162' AGL/1009' MSL.
Tree 1.3 NM from DER, 1626' left of centerline, 115' AGL/944' MSL.

JEFFERSONVILLE, IN

CLARK RGNL (JVY)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 3 13SEP18 (18256) (FAA)

TAKEOFF MINIMUMS:

Rwy 14, 300-1⅛ or std. w/min. climb of 230' per NM to 900.
Rwy 32, std. w/min. climb of 225' per NM to 1600 or 1900-3 for VCOA.

DEPARTURE PROCEDURE:

Rwy 14, climb heading 140° to 1300 before turning right.
Rwy 18, climb heading 182° to 1600 before turning right.
Rwy 32, climb heading 320° to 2000 before turning left.
Rwy 36, climb heading 002° to 1600 before turning left.

VCOA:

Rwy 32, obtain ATC approval for VCOA when requesting IFR clearance. Climb in visual conditions to cross Clark RGNL Airport at or above 2200 before proceeding on course.

TAKEOFF OBSTACLE NOTES:

Rwy 14, sign and tree beginning 22' from DER, 88' right of centerline, up to 7' AGL/465' MSL.
Tree 73' from DER, 266' left of centerline, 529' MSL.
Tree 123' from DER, 377' left of centerline, 540' MSL.
Tree and pole beginning 126' from DER, 29' left of centerline, up to 92' AGL/553' MSL.
Tree 205' from DER, 176' right of centerline, 21' AGL/468' MSL.
Tree 248' from DER, 179' right of centerline, 23' AGL/470' MSL.
Trees beginning 372' from DER, 41' right of centerline, up to 41' AGL/491' MSL.
Trees beginning 397' from DER, 129' right of centerline, up to 51' AGL/503' MSL.
Trees beginning 420' from DER, 22' right of centerline, up to 506' MSL.
Tree 563' from DER, 266' right of centerline, 518' MSL.
Trees beginning 565' from DER, 422' right of centerline, up to 526' MSL.
Trees beginning 596' from DER, 175' right of centerline, up to 100' AGL/536' MSL.
Catenary, tree and pole beginning 1615' from DER, 252' left of centerline, up to 563' MSL.
Tree 1693' from DER, 858' right of centerline, 537' MSL.
Tree 1793' from DER, 790' right of centerline, 550' MSL.
Trees beginning 1884' from DER, 732' right of centerline, up to 551' MSL.
Pole, catenary and tree beginning 2085' from DER, 242' left of centerline, up to 566' MSL.

CON'T

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JEFFERSONVILLE, IN (CON'T)

CLARK RGNL (JVY) (CON'T)

Rwy 14 (CON'T), catenary and transmission line beginning 2148' from DER, 316' left of centerline, up to 580' MSL.
Tower 2207' from DER, 734' left of centerline, 594' MSL.
Tower, catenary, tree and transmission line beginning 2216' from DER, 201' left of centerline, up to 110' AGL/600' MSL.
Tree and catenary beginning 2388' from DER, 321' right of centerline, up to 558' MSL.
Catenary and tree beginning 2507' from DER, 165' left of centerline, up to 607' MSL.
Catenary and tree beginning 2742' from DER, 1025' right of centerline, up to 572' MSL.
Catenary 3380' from DER, 10' right of centerline, 119' AGL/578' MSL.
Catenary 3763' from DER, 202' right of centerline, 95' AGL/590' MSL.
Catenary 4265' from DER, 508' right of centerline, 593' MSL.
Antenna 1.5 NM from DER, 1335' left of centerline, 171' AGL/730' MSL.
Rwy 18, tree 262' from DER, 523' left of centerline, 50' AGL/490' MSL.
Tree 301' from DER, 515' right of centerline, 53' AGL/492' MSL.
Trees beginning 320' from DER, 475' right of centerline, up to 496' MSL.
Tree 369' from DER, 543' left of centerline, 493' MSL.
Tree and building beginning 545' from DER, 94' right of centerline, up to 508' MSL.
Trees beginning 559' from DER, 105' left of centerline, up to 512' MSL.
Trees beginning 1223' from DER, 691' left of centerline, up to 526' MSL.
Trees beginning 1375' from DER, 791' left of centerline, up to 90' AGL/538' MSL.
Tree 1716' from DER, 777' left of centerline, 545' MSL.
Tree and tank beginning 1720' from DER, 29' right of centerline, up to 96' AGL/559' MSL.
Trees beginning 1778' from DER, 746' left of centerline, up to 552' MSL.
Trees beginning 1946' from DER, 676' left of centerline, up to 559' MSL.
Trees beginning 2254' from DER, 164' left of centerline, up to 563' MSL.
Trees beginning 3221' from DER, 678' right of centerline, up to 562' MSL.
Trees beginning 3833' from DER, 303' left of centerline, up to 86' AGL/570' MSL.
Catenary and transmission line beginning 4274' from DER, 564' left of centerline, up to 603' MSL.
Catenary and transmission line beginning 4976' from DER, 254' left of centerline, up to 125' AGL/610' MSL.
Catenary 5675' from DER, 681' right of centerline, 606' MSL.
Rwy 32, sign 19' from DER, 87' left of centerline, 8' AGL/474' MSL.
Tree 40' from DER, 419' right of centerline, 87' AGL/542' MSL.
Tree 145' from DER, 447' right of centerline, 101' AGL/557' MSL.
Tree, pole and building beginning 192' from DER, 12' right of centerline, up to 91' AGL/546' MSL.
Tree, pole and traverse way beginning 386' from DER, 8' left of centerline, up to 70' AGL/531' MSL.
Trees beginning 1054' from DER, 9' right of centerline, up to 101' AGL/560' MSL.
Tree 1638' from DER, 744' left of centerline, 534' MSL.
Trees beginning 1648' from DER, 608' left of centerline, up to 541' MSL.
Trees beginning 1819' from DER, 518' left of centerline, up to 542' MSL.
Trees beginning 2052' from DER, 11' left of centerline, up to 101' AGL/569' MSL.
Tree 2824' from DER, 1250' left of centerline, 575' MSL.
Trees beginning 3038' from DER, 1195' left of centerline, up to 576' MSL.
Trees beginning 3296' from DER, 895' right of centerline, up to 567' MSL.
Trees beginning 3501' from DER, 821' right of centerline, up to 582' MSL.
Trees beginning 3880' from DER, 563' left of centerline, up to 600' MSL.
Trees beginning 4783' from DER, 1553' left of centerline, up to 616' MSL.
Rwy 36, fence 172' from DER, 462' right of centerline, 482' MSL.
Traverse way 330' from DER, 508' right of centerline, 494' MSL.
Tree 418' from DER, 596' left of centerline, 505' MSL.
Trees beginning 604' from DER, 596' left of centerline, up to 527' MSL.
Pole 1130' from DER, 791' right of centerline, 513' MSL.
Pole 1310' from DER, 568' right of centerline, 515' MSL.
Transmission line 1648' from DER, 888' right of centerline, 92' AGL/544' MSL.
Catenary, tree and pole beginning 1648' from DER, 603' right of centerline, up to 548' MSL.
Trees beginning 2148' from DER, 821' left of centerline, up to 94' AGL/552' MSL.
Trees beginning 2216' from DER, 555' left of centerline, up to 553' MSL.
Tree 2823' from DER, 871' right of centerline, 550' MSL.
Tree 3009' from DER, 1296' right of centerline, 552' MSL.
Tree 3055' from DER, 818' right of centerline, 562' MSL.
Transmission line and tree beginning 3192' from DER, 321' right of centerline, up to 71' AGL/564' MSL.

KENDALLVILLE, IN

KENDALLVILLE MUNI (C62)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 2A 12JUN25 (25163) (FAA)

TAKEOFF OBSTACLE NOTES:

Rwy 10, terrain, electrical system beginning 14' from DER, 112' left of centerline, up to 1007' MSL.
Electrical system 39' from DER, 112' right of centerline, 5' AGL/1006' MSL.
Vehicles on road, poles beginning 424' from DER, 99' left of centerline, up to 1015' MSL.
Vehicles on road beginning 428' from DER, 3' right of centerline, up to 1015' MSL.
Poles, trees beginning 435' from DER, 105' left of centerline, up to 35' AGL/1023' MSL.
Pole 464' from DER, 495' right of centerline, 30' AGL/1024' MSL.
Tree 475' from DER, 282' left of centerline, 1029' MSL.
Trees beginning 518' from DER, 233' left of centerline, up to 38' AGL/1035' MSL.
CON'T

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KENDALLVILLE, IN (CON'T)

KENDALLVILLE MUNI (C62) (CON'T)

Rwy 10 (CON'T), trees beginning 532' from DER, 234' left of centerline, up to 1049' MSL.
Trees beginning 550' from DER, 122' left of centerline, up to 1053' MSL.
Trees beginning 860' from DER, 95' left of centerline, up to 89' AGL/1065' MSL.
Trees beginning 1399' from DER, 115' left of centerline, up to 76' AGL/1067' MSL.
Trees beginning 1795' from DER, 103' left of centerline, up to 1071' MSL.
Trees beginning 1823' from DER, 120' left of centerline, up to 84' AGL/1090' MSL.
Tree 1927' from DER, 76' right of centerline, 46' AGL/1053' MSL.
Trees beginning 1940' from DER, 290' right of centerline, up to 57' AGL/1062' MSL.
Trees beginning 1961' from DER, 58' right of centerline, up to 1064' MSL.
Trees beginning 2657' from DER, 157' left of centerline, up to 108' AGL/1096' MSL.
Trees beginning 2697' from DER, 10' left of centerline, up to 1100' MSL.
Tree 2759' from DER, 162' right of centerline, 74' AGL/1073' MSL.
Trees beginning 2770' from DER, 12' right of centerline, up to 81' AGL/1082' MSL.
Tree 2829' from DER, 334' right of centerline, 81' AGL/1083' MSL.
Trees beginning 2837' from DER, 15' right of centerline, up to 83' AGL/1085' MSL.
Trees beginning 2852' from DER, 66' right of centerline, up to 89' AGL/1088' MSL.
Trees beginning 2868' from DER, 47' right of centerline, up to 86' AGL/1089' MSL.
Trees beginning 2880' from DER, 4' left of centerline, up to 1101' MSL.
Trees beginning 2885' from DER, 19' right of centerline, up to 94' AGL/1090' MSL.
Trees beginning 2906' from DER, 10' right of centerline, up to 94' AGL/1096' MSL.
Trees beginning 2965' from DER, 4' left of centerline, up to 1106' MSL.
Trees beginning 2989' from DER, 17' left of centerline, up to 1107' MSL.
Trees beginning 3101' from DER, 224' left of centerline, up to 111' AGL/1108' MSL.
Trees beginning 3207' from DER, 244' left of centerline, up to 1109' MSL.
Trees beginning 3315' from DER, 372' left of centerline, up to 1119' MSL.
Trees beginning 3327' from DER, 310' left of centerline, up to 1126' MSL.
Trees beginning 3421' from DER, 346' left of centerline, up to 1127' MSL.
Trees beginning 3448' from DER, 299' left of centerline, up to 1128' MSL.
Trees beginning 3546' from DER, 337' left of centerline, up to 1130' MSL.
Trees beginning 3935' from DER, 329' left of centerline, up to 126' AGL/1142' MSL.
Trees beginning 4047' from DER, 354' left of centerline, up to 133' AGL/1146' MSL.
Rwy 28, building 126' from DER, 365' left of centerline, 22' AGL/1013' MSL.
Trees beginning 151' from DER, 425' left of centerline, up to 1036' MSL.
Trees beginning 331' from DER, 277' left of centerline, up to 1037' MSL.
Trees beginning 474' from DER, 3' left of centerline, up to 1056' MSL.
Tree 1679' from DER, 40' right of centerline, 63' AGL/1047' MSL.
Trees beginning 1697' from DER, 80' right of centerline, up to 67' AGL/1052' MSL.
Trees beginning 1723' from DER, 110' right of centerline, up to 77' AGL/1058' MSL.
Trees beginning 1739' from DER, 113' right of centerline, up to 1073' MSL.
Trees beginning 1807' from DER, 208' right of centerline, up to 1083' MSL.
Tree 2843' from DER, 1131' left of centerline, 1073' MSL.
Trees beginning 2907' from DER, 376' left of centerline, up to 1078' MSL.
Trees beginning 2926' from DER, 384' left of centerline, up to 1079' MSL.
Tree 2983' from DER, 485' left of centerline, 1084' MSL.
Trees beginning 2987' from DER, 564' left of centerline, up to 1102' MSL.
Trees beginning 3174' from DER, 599' left of centerline, up to 1103' MSL.

KENT, OH

KENT STATE UNIVERSITY (1G3)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 31MAY12 (21224) (FAA)

TAKEOFF OBSTACLE NOTES:
Rwy 1, trees, transmission poles, and a chimney beginning 72' from DER, 369' right of centerline, up to 69' AGL/1179' MSL.
Trees and a transmission pole beginning 394' from DER, 249' left of centerline, up to 97' AGL/1203' MSL.
Rwy 19, vehicles on road, poles, and a tree beginning 331' from DER, 325' left of centerline, up to 42' AGL/1144' MSL.
Trees and a building beginning 61' from DER, 412' from centerline, up to 81' AGL/1185' MSL.
Trees beginning 1240' from DER, left and right of centerline, up to 109' AGL/1218' MSL.

KENTLAND, IN

KENTLAND MUNI (50I)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 1 14SEP17 (17257)

DEPARTURE PROCEDURE:
Rwy 27, climb heading 260° to 1100' before proceeding on course.

TAKEOFF OBSTACLE NOTES:
Rwy 9, vehicle on road 486' from DER, crossing centerline, 715' MSL/15' AGL.
Trees beginning 571' from DER, 116' right of centerline, up to 770' MSL/70' AGL.
Rwy 27, trees, building, pole beginning 533' from DER, 146' right of centerline, up to 765' MSL.
Pole beginning 746' from DER, 25' left of centerline, up to 23' AGL/723' MSL.
Pole beginning 925' from DER, 130' left of centerline, up to 27' AGL/724' MSL.
Tree 1215' from DER, 450' left of centerline, 733' MSL.

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KENTON, OH

HARDIN COUNTY (I95)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 3 13JAN11 (11013) (FAA)

TAKEOFF OBSTACLE NOTES:

Rwy 4, trees, buildings, antenna on building, light poles, and flag poles beginning 31' from DER, 240' left of centerline, up to 29' AGL/1027' MSL.
Sign 103' from DER, 204' right of centerline, 8' AGL/1012' MSL.
Trees beginning 877' from DER, left and right of centerline, up to 103' AGL/1093' MSL.
Rwy 22, trees and buildings beginning 7' from DER, 484' left of centerline, up to 77' AGL/1103' MSL.
Trees beginning 179' from DER, 51' right of centerline, up to 108' AGL/1122' MSL.
Trees beginning 1345' from DER, left and right of centerline, up to 115' AGL/1158' MSL.

KNOX, IN

STARKE COUNTY (OXI)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 25SEP08 (08269) (FAA)

TAKEOFF MINIMUMS:

Rwys 9, 27, NA-Environmental.

TAKEOFF OBSTACLE NOTES:

Rwy 36, tree 1234' from DER, 477' left of centerline, 35' AGL/715' MSL.
Rwy 18, trees beginning 2442' from DER, 135' right of centerline, up to 86' AGL/769' MSL.
Tree 21' from DER, 449' left of centerline, 5' AGL/668' MSL.

KOKOMO, IN

KOKOMO MUNI (OKK)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 1 23JUN16 (16175) (FAA)

TAKEOFF OBSTACLE NOTES:

Rwy 5, sign 20' from DER, 210' left of centerline, 3' AGL/821' MSL.
Trees beginning 501' from DER, 361' right of centerline, up to 57' AGL/870' MSL.
Tree 640' from DER, 466' left of centerline, 20' AGL/835' MSL.
Pole 642' from DER, 653' left of centerline, 843' MSL.
Buildings beginning 908' from DER, 706' left of centerline, up to 37' AGL/856' MSL.
Pole 971' from DER, 610' left of centerline, up to 39' AGL/858' MSL.
Trees, poles beginning 1042' from DER, 609' left of centerline, up to 48' AGL/870' MSL.
Elevator 1835' from DER, 361' right of centerline, 41' AGL/867' MSL.
Trees beginning 3730' from DER, 1373' left of centerline, up to 928' MSL.
Trees beginning 3747' from DER, 1245' left of centerline, up to 936' MSL.
Rwy 14, tree, bush beginning 6' from DER, 196' left of centerline, up to 31' AGL/849' MSL.
Tree, fence, vertical structure beginning 53' from DER, 153' right of centerline, up to 9' AGL/831' MSL.
Bush, fence beginning 116' from DER, 297' right of centerline, up to 842' MSL.
Building 2117' from DER, 488' left of centerline, 58' AGL/880' MSL.
Building, elevator beginning 2120' from DER, 485' left of centerline, up to 885' MSL.
Tree 2181' from DER, 215' left of centerline, 64' AGL/890' MSL.
Trees beginning 2186' from DER, 213' left of centerline, up to 77' AGL/904' MSL.
Tree 2945' from DER, 1073' right of centerline, 899' MSL.
Rwy 32, post 0' from DER, 149' right of centerline, 4' AGL/828' MSL.
Buildings beginning 133' from DER, 493' right of centerline, up to 15' AGL/837' MSL.
Buildings beginning 155' from DER, 490' right of centerline, up to 20' AGL/843' MSL.
Poles beginning 706' from DER, 520' right of centerline, up to 49' AGL/873' MSL.
Buildings, elevator, trees beginning 1592' from DER, 414' left of centerline, up to 68' AGL/889' MSL.
Tree 4804' from DER, 500' left of centerline, 121' AGL/949' MSL.

LA PORTE, IN

LA PORTE MUNI (PPO)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 2 05JUL07 (07186) (FAA)

TAKEOFF OBSTACLE NOTES:

Rwy 14, power line beginning 4937' from DER, 670' right of centerline, 150' AGL/934' MSL.
Rwy 20, power line beginning 3978' from DER, 1566' left of centerline, 150' AGL/959' MSL.

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TAKEOFF MINIMUMS, (OBSTACLE) DEPARTURE PROCEDURES, AND DIVERSE VECTOR AREA (RADAR VECTORS)

25163

LAFAYETTE, IN

PURDUE UNIVERSITY (LAF)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 1A 30NOV23 (23334) (FAA)

TAKEOFF MINIMUMS:

Rwy 5, 300-1¼ or std w/min climb of 342'/NM to 1000.

Rwy 23, 400-2¼ or std w/min climb of 225'/NM to 1100.

TAKEOFF OBSTACLE NOTES:

Rwy 5, building, terrain, trees, vehicles on road beginning 11' from DER, 75' left of centerline, up to 31'AGL/642' MSL.
Fence 42' from DER, 423' right of centerline, 609' MSL.
Fence 124' from DER, 329' right of centerline, 610' MSL.
Poles, vehicles on road, terrain beginning 186' from DER, 135' left of centerline, up to 34' AGL/645' MSL.
Fence 189' from DER, 249' right of centerline, 612' MSL.
Fence 259' from DER, 164' right of centerline, 6' AGL/613' MSL.
Fence 269' from DER, 155' right of centerline, 12' AGL/619' MSL.
Poles, fences, vehicles on road beginning 289' from DER, 2' right of centerline, up to 20' AGL/621' MSL.
Pole, vehicles on road beginning 408' from DER, 227' left of centerline, up to 38' AGL/646' MSL.
Poles, vehicles on road beginning 416' from DER, 16' right of centerline, up to 20' AGL/623' MSL.
Transmission line, vehicles on road, pole beginning 459' from DER, 25' left of centerline, up to 39' AGL/648' MSL.
Trees, pole, vehicles on road beginning 685' from DER, 36' left of centerline, up to 649' MSL.
Vehicles on road 736' from DER, 65' right of centerline, 626' MSL.
Transmission line 867' from DER, 434' left of centerline, 39' AGL/650' MSL.
Trees, poles beginning 901' from DER, 424' left of centerline, up to 651' MSL.
Tree 995' from DER, 212' right of centerline, 36' AGL/638' MSL.
Tree 1000' from DER, 33' right of centerline, 40' AGL/649' MSL.
Tree 1042' from DER, 642' left of centerline, 654' MSL.
Tree, transmission line beginning 1046' from DER, 312' left of centerline, up to 49' AGL/660' MSL.
Tree 1125' from DER, 245' left of centerline, 50' AGL/661' MSL.
Trees, transmission lines, poles beginning 1146' from DER, 49' left of centerline, up to 684' MSL.
Poles beginning 1568' from DER, 49' right of centerline, up to 48' AGL/657' MSL.
Tree 1887' from DER, 256' right of centerline, 66' AGL/663' MSL.
Tree 2065' from DER, 239' right of centerline, 63' AGL/667' MSL.
Tree 2109' from DER, 203' right of centerline, 61' AGL/668' MSL.
Trees, buildings beginning 2116' from DER, 275' left of centerline, up to 694' MSL.
Building 3150' from DER, 34' right of centerline, 67' AGL/687' MSL.
Poles beginning 3257' from DER, 241' right of centerline, up to 76' AGL/696' MSL.
Tree 3507' from DER, 1179' left of centerline, 697' MSL.
Building 3594' from DER, 278' right of centerline, 102' AGL/723' MSL.
Building 4187' from DER, 1567' left of centerline, 92' AGL/717' MSL.
Buildings, building spire beginning 4731' from DER, 385' left of centerline, up to 747' MSL.
Buildings beginning 4908' from DER, 771' left of centerline, up to 143' AGL/767' MSL.
Building 4954' from DER, 1036' right of centerline, 752' MSL.
Building 5069' from DER, 870' right of centerline, 167' AGL/780' MSL.
Building 5541' from DER, 784' left of centerline, 162' AGL/782' MSL.
Building 5579' from DER, 778' left of centerline, 784' MSL.
Smokestack 5718' from DER, 633' left of centerline, 850' MSL.
Rwy 10, trees beginning 696' from DER, 629' right of centerline, up to 95' AGL/642' MSL.
Tree 857' from DER, 697' left of centerline, 61' AGL/643' MSL.
Rwy 23, fences beginning 50' from DER, 498' right of centerline, up to 605' MSL.
Tree 89' from DER, 235' left of centerline, 24' AGL/613' MSL.
Tree 171' from DER, 278' left of centerline, 31' AGL/617' MSL.
Tree 324' from DER, 281' left of centerline, 43' AGL/622' MSL.
Tower and antenna 1.9 NM from DER, 269' left of centerline, up to 321' AGL/923' MSL.
Rwy 28, tree 1190' from DER, 470' left of centerline, 630' MSL.
Trees beginning 1752' from DER, 765' right of centerline, up to 669' MSL.
Tree 2166' from DER, 675' left of centerline, 96' AGL/656' MSL.
Tree 2744' from DER, 1020' right of centerline, 672' MSL.
Trees beginning 2751' from DER, 954' right of centerline, up to 689' MSL.
Trees beginning 2968' from DER, 984' right of centerline, up to 697' MSL.
Trees beginning 3132' from DER, 920' right of centerline, up to 722' MSL.

LANCASTER, OH

FAIRFIELD COUNTY (LHQ)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 2 12DEC13 (13346) (FAA)

TAKEOFF MINIMUMS:

Rwy 10, 400-2 or std. w/min. climb of 310' per NM to 1400.

DEPARTURE PROCEDURE:

Rwy 10, climb heading 100° to 1600 before proceeding on course.

TAKEOFF OBSTACLE NOTES:

Rwy 10, trees beginning 1571' from DER, 647' right of centerline, up to 56' AGL/927' MSL.
Trees beginning 1617' from DER, 509' left of centerline, up to 89' AGL/974' MSL.
Trees beginning 2131' from DER, 460' right of centerline, up to 74' AGL/945' MSL.
Trees beginning 5480' from DER, 173' right of centerline, up to 76' AGL/1037' MSL.

CON'T

TAKEOFF MINIMUMS, (OBSTACLE) DEPARTURE PROCEDURES, AND DIVERSE VECTOR AREA (RADAR VECTORS)

EC-2, 12 JUN 2025 to 07 AUG 2025

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LANCASTER, OH (CON'T)

FAIRFIELD COUNTY (LHQ) (CON'T)

Rwy 10 (CON'T), trees beginning 1.1 NM from DER, 724' left of centerline, up to 84' AGL/1061' MSL.
Tree 1.9 NM from DER, 1990' right of centerline, 100' AGL/1259' MSL.
Rwy 28, trees beginning 738' from DER, 315' left of centerline, up to 77' AGL/912' MSL.
Trees 1509' from DER, 97' right of centerline, up to 76' AGL/897' MSL.
Trees beginning 1906' from DER, 358' right of centerline, up to 107' AGL/942' MSL.
Silo 2230' from DER, 267' left of centerline, 60' AGL/915' MSL.

LEBANON, OH

WARREN COUNTY/JOHN LANE FLD (I68)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 1 20SEP12 (22083) (FAA)

TAKEOFF OBSTACLE NOTES:
Rwy 1, terrain and tree beginning 36' from DER, 320' left of centerline, up to 50' AGL/958' MSL.
Trees beginning 1084' from DER, left and right of centerline, up to 65' AGL/955' MSL.
Trees beginning 1510' from DER, left and right of centerline, up to 80' AGL/986' MSL.
Trees beginning 2001' from DER, 83' left of centerline, up to 100' AGL/1015' MSL.
Rwy 19, vehicles on roadway beginning abeam the DER, left and right of centerline, up to 15' AGL/901' MSL.
Terrain beginning 32' from DER, left and right of centerline, up to 886' MSL.
Buildings 74' from DER, 425' right of centerline, up to 15' AGL/892' MSL.
Trees 252' from DER, 359' right of centerline, up to 60' AGL/948' MSL.
Trees beginning 1089' from DER, 179' left of centerline, up to 55' AGL/952' MSL.
Trees beginning 1804' from DER, left and right of centerline, up to 85' AGL/960' MSL.

LIMA, OH

LIMA ALLEN COUNTY (AOH)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 1A 16AUG18 (18228) (FAA)

TAKEOFF OBSTACLE NOTES:
Rwy 10, bush beginning 162' from DER, 310' right of centerline, up to 4' AGL/983' MSL.
Rwy 28, multiple trees beginning 1343' from DER, 160' right of centerline, up to 71' AGL/1015' MSL.

LOGANSPORT, IN

LOGANSPORT/CASS COUNTY (GGP)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 2 12AUG21 (21224) (FAA)

TAKEOFF OBSTACLE NOTES:
Rwy 9, fence 9' from DER, 443' right of centerline, 11' AGL/744' MSL.
Fence 187' from DER, 497' left of centerline, 11' AGL/743' MSL.
Tree 934' from DER, 730' left of centerline, 791' MSL.
Tree 2218' from DER, 487' right of centerline, 62' AGL/794' MSL.
Rwy 27, terrain 4' from DER, 495' left of centerline, 739' MSL.
Lighting 8' from DER, 17' right of centerline, 2' AGL/738' MSL.
Poles beginning 638' from DER, 489' right of centerline, up to 34' AGL/763' MSL.
Pole 734' from DER, 331' right of centerline, 39' AGL/767' MSL.
Poles beginning 924' from DER, 334' left of centerline, up to 39' AGL/773' MSL.
Tree 2041' from DER, 143' left of centerline, 65' AGL/801' MSL.
Tree 3360' from DER, 1358' left of centerline, 825' MSL.
Trees beginning 3374' from DER, 1002' left of centerline, up to 842' MSL.

LONDON, OH

MADISON COUNTY (UYF)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 1 30JAN20 (20030) (FAA)

TAKEOFF OBSTACLE NOTES:
Rwy 9, tree 164' from DER, 484' left of centerline, 1059' MSL.
Trees beginning 289' from DER, 417' left of centerline, up to 1065' MSL.
Pole 1154' from DER, 791' left of centerline, 1080' MSL.
Trees beginning 1330' from DER, 301' left of centerline, up to 1096' MSL.
Tree 1495' from DER, 416' left of centerline, 1103' MSL.
Tree 2591' from DER, 511' left of centerline, 1121' MSL.
Rwy 27, vertical structure 53' from DER, 206' left of centerline, 1089' MSL.
Vertical structure 134' from DER, 188' right of centerline, 1085' MSL.
Tree 2091' from DER, 973' right of centerline, 1142' MSL.

LORAIN/ELYRIA, OH

LORAIN COUNTY RGNL (LPR)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG-A 24MAY18 (18144) (FAA)

TAKEOFF OBSTACLE NOTES:

Rwy 7, terrain beginning 21' from DER, 83' left of centerline, up to 801' MSL.
Terrain 180' from DER, 288' right of centerline, 794' MSL.
Terrain beginning 229' from DER, 261' left of centerline, up to 804' MSL.
Terrain 308' from DER, 13' right of centerline, 801' MSL.
Trees beginning 839' from DER, 520' left of centerline, up to 832' MSL.
Tree 972' from DER, 294' right of centerline, 823' MSL.
Trees beginning 1181' from DER, 52' left of centerline, up to 836' MSL.
Tree 1294' from DER, 538' right of centerline, 847' MSL.
Tree 1852' from DER, 431' right of centerline, 861' MSL.
Tree 1875' from DER, 653' right of centerline, 865' MSL.
Rwy 25, vegetation 582' from DER, 468' right of centerline, 809' MSL.
Tree 1587' from DER, 697' left of centerline, 838' MSL.
Tree 2180' from DER, 785' right of centerline, 848' MSL.
Tree 2276' from DER, 435' right of centerline, 854' MSL.

MADISON, IN

MADISON MUNI (IMS)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 2 31JUL08 (08213) (FAA)

TAKEOFF OBSTACLE NOTES:

Rwy 3, vehicle on road 625' from DER, on centerline, 15' AGL/844' MSL.
Antenna on building and trees beginning 170' from DER, 432' left of centerline, up to 85' AGL/904' MSL.
Poles and trees beginning 526' from DER, 64' right of centerline, up to 130' AGL/959' MSL.
Rwy 21, vehicle on road 575' from DER, on centerline, 15' AGL/824' MSL.
Trees and poles beginning 285' from DER, 16' left of centerline, up to 157' AGL/947' MSL.
Trees and pole beginning 116' from DER, 1' right of centerline, up to 123' AGL/912' MSL.

MANSFIELD, OH

MANSFIELD LAHM RGNL (MFD)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 12MAR09 (09071) (FAA)

TAKEOFF OBSTACLE NOTES:

Rwy 5, trees 1337' from DER, 209' right of centerline, 78' AGL/1318' MSL.
Trees 1494' from DER, 410' left of centerline, 80' AGL/1330' MSL.
Rwy 32, trees 2399' from DER, 868' right of centerline, 90' AGL/1310' MSL.

MARION, IN

MARION MUNI - MCKINNEY FLD (MZZ)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 1 20JUN19 (21224) (FAA)

TAKEOFF OBSTACLE NOTES:

Rwy 4, terrain, NAVAID, pole beginning abeam DER, 124' left of centerline, up to 854' MSL.
Pole, NAVAID beginning 34' from DER, 124' right of centerline, up to 852' MSL.
Terrain beginning 68' from DER, 412' right of centerline, up to 856' MSL.
Tree 534' from DER, 612' left of centerline, 890' MSL.
Trees beginning 775' from DER, 435' left of centerline, up to 895' MSL.
Trees beginning 929' from DER, 694' right of centerline, up to 65' AGL/914' MSL.
Trees beginning 1082' from DER, 13' left of centerline, up to 915' MSL.
Trees beginning 1283' from DER, 8' right of centerline, up to 921' MSL.
Trees beginning 1672' from DER, 107' left of centerline, up to 927' MSL.
Trees beginning 1852' from DER, 30' left of centerline, up to 936' MSL.
Trees beginning 2280' from DER, 42' right of centerline, up to 927' MSL.
Trees beginning 2749' from DER, 838' left of centerline, up to 942' MSL.
Tree 3145' from DER, 1200' right of centerline, 937' MSL.
Rwy 15, trees beginning 77' from DER, 224' left of centerline, up to 921' MSL.
Terrain 116' from DER, 462' right of centerline, 855' MSL.
Vegetation, terrain beginning 162' from DER, 282' right of centerline, up to 858' MSL.
Trees beginning 431' from DER, 239' left of centerline, up to 925' MSL.
Tree 539' from DER, 269' right of centerline, 51' AGL/901' MSL.
Tree, pole, vehicle on traverse way beginning 569' from DER, 63' left of centerline, up to 926' MSL.
Tree 676' from DER, 393' right of centerline, 904' MSL.
Tree 701' from DER, 331' right of centerline, 73' AGL/914' MSL.
Trees beginning 780' from DER, 361' right of centerline, up to 95' AGL/941' MSL.
Trees beginning 870' from DER, 361' right of centerline, up to 102' AGL/943' MSL.
Tree, pole beginning 1102' from DER, 20' right of centerline, up to 107' AGL/948' MSL.
Trees beginning 2580' from DER, 70' left of centerline, up to 942' MSL.
CON'T

EC-2, 12 JUN 2025 to 07 AUG 2025

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MARION, IN (CON'T)

MARION MUNI - MCKINNEY FLD (MZZ) (CON'T)

Rwy 22, pole 902' from DER, 572' left of centerline, 24' AGL/881' MSL.
Tree 1651' from DER, 605' right of centerline, 45' AGL/904' MSL.
Tree, pole beginning 1717' from DER, 760' right of centerline, up to 921' MSL.
Rwy 33, sign 11' from DER, 72' right of centerline, 3' AGL/859' MSL.
Vegetation 61' from DER, 242' left of centerline, 11' AGL/864' MSL.
Pole, vehicle on traverse way, tree, transmission line beginning 366' from DER, 261' left of centerline, up to 38' AGL/895' MSL.
Tree 725' from DER, 427' left of centerline, 908' MSL.
Trees beginning 795' from DER, 507' right of centerline, up to 928' MSL.
Tree, pole beginning 815' from DER, 362' left of centerline, up to 58' AGL/913' MSL.
Tree, pole beginning 889' from DER, 4' right of centerline, up to 931' MSL.
Tree 986' from DER, 741' left of centerline, 88' AGL/941' MSL.
Trees beginning 1006' from DER, 130' left of centerline, up to 94' AGL/946' MSL.
Tree 2839' from DER, 1245' left of centerline, 948' MSL.
Tree 2989' from DER, 1133' left of centerline, 950' MSL.
Trees beginning 3140' from DER, 1063' left of centerline, up to 959' MSL.
Trees beginning 3257' from DER, 1' left of centerline, up to 111' AGL/965' MSL.
Tree 3426' from DER, 106' right of centerline, 947' MSL.
Tree 3579' from DER, 144' right of centerline, 952' MSL.
Trees beginning 3695' from DER, 29' right of centerline, up to 958' MSL.

MARION, OH

MARION MUNI (MNN)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 30AUG07 (07242) (FAA)

DEPARTURE PROCEDURE:

Rwy 25, climb heading 245° to 1600 before turning right.

TAKEOFF OBSTACLE NOTES:

Rwy 7, trees 3283' from DER, 273' left of centerline, up to 89' AGL/1088' MSL.
Multiple trees beginning 36' from DER, 280' right of centerline, up to 43' AGL/1033' MSL.
Rwy 13, trees 512' from DER, 277' left of centerline, up to 100' AGL/1089' MSL.
Road 491' from DER, 15' AGL/1004' MSL.
Rwy 25, obstruction light on antenna 419' from DER, 407' left of centerline, up to 13' AGL/1008' MSL.
Road 434' from DER, 15' AGL/1004' MSL.
Rwy 31, trees 2186' from DER, up to 100' AGL/1089' MSL.
Road 355' from DER, 485' left of centerline, 15' AGL/1004' MSL.

MARYSVILLE, OH

UNION COUNTY (MRT)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 3 30NOV23 (23334) (FAA)

TAKEOFF MINIMUMS:

Rwys 8, 26, NA-Environmental.

TAKEOFF OBSTACLE NOTES:

Rwy 9, sign 12' from DER, 51' left of centerline, 4' AGL/999' MSL.
Trees, light pole beginning 16' from DER, 78' left of centerline, up to 1000' MSL.
Pole 290' from DER, 499' left of centerline, 40' AGL/1032' MSL.
Pole, traverse ways beginning 364' from DER, 169' left of centerline, up to 41' AGL/1033' MSL.
Trees, traverse ways beginning 479' from DER, 27' left of centerline, up to 69' AGL/1063' MSL.
Traverse ways beginning 591' from DER, 5' right of centerline, up to 1018' MSL.
Bldg, trees beginning 721' from DER, 199' left of centerline, up to 1080' MSL.
Poles beginning 1034' from DER, 398' right of centerline, up to 52' AGL/1038' MSL.
Trees beginning 1572' from DER, 158' left of centerline, up to 1081' MSL.
Trees beginning 1720' from DER, 131' left of centerline, up to 1084' MSL.
Trees beginning 1909' from DER, 175' left of centerline, up to 1088' MSL.
Trees beginning 1946' from DER, 145' left of centerline, up to 1090' MSL.
Rwy 27, sign 10' from DER, 52' right of centerline, 4' AGL/1022' MSL.
Tree 42' from DER, 471' right of centerline, 1027' MSL.
Buildings, tree, pole beginning 56' from DER, 396' right of centerline, up to 30' AGL/1037' MSL.
Pole 218' from DER, 337' left of centerline, 33' AGL/1034' MSL.
Trees beginning 458' from DER, 526' right of centerline, up to 63' AGL/1066' MSL.
Trees 1893' from DER, 808' right of centerline, 1069' MSL.
Antenna 2753' from DER, 463' right of centerline, 1094' MSL.

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MEDINA, OH

MEDINA MUNI (1G5)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 4 18NOV10 (10322) (FAA)

TAKEOFF OBSTACLE NOTES:

Rwy 1, vehicle on road 534' from DER, on centerline 15' AGL/1214' MSL.
Trees beginning 562' from DER, 588' left of centerline, up to 100' AGL/1279' MSL.
Trees beginning 1925' from DER on centerline, up to 100' AGL/1319' MSL.
Rwy 9, trees beginning 305' from DER, 396' right of centerline, up to 100' AGL/1249' MSL.
Tower 3626' from DER, 533' left of centerline, 189' AGL/1321' MSL.
Rwy 19, trees beginning at DER, 112' left of centerline, up to 100' AGL/1289' MSL.
Trees beginning 1490' from DER, 150' right of centerline, up to 100' AGL/1289' MSL.
Rwy 27, trees beginning at DER, 345' left of centerline, up to 100' AGL/1319' MSL.
Trees beginning at DER, 366' right of centerline, up to 100' AGL/1279' MSL.
Vehicle on road 501' from DER, on centerline, 15' AGL/1184' MSL.

MICHIGAN CITY, IN

MICHIGAN CITY MUNI-PHILLIPS FLD (MGC)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 2A 07SEP23 (23250) (FAA)

DEPARTURE PROCEDURE:

Rwy 20, climb on heading 203° to 1200 before turning left.

TAKEOFF OBSTACLE NOTES:

Rwy 2, pole 12' from DER, 427' left of centerline, 28' AGL/659' MSL.
Tree 12' from DER, 493' left of centerline, 674' MSL.
Terrain 13' from DER, 172' right of centerline, 643' MSL.
Tree 51' from DER, 349' left of centerline, 685' MSL.
Tree 65' from DER, 443' left of centerline, 691' MSL.
Terrain 129' from DER, 497' right of centerline, 649' MSL.
Trees beginning 198' from DER, 337' left of centerline, up to 710' MSL.
Traverse way 303' from DER, 568' right of centerline, 667' MSL.
Pole, tree beginning 344' from DER, 213' right of centerline, up to 37' AGL/687' MSL.
Trees beginning 468' from DER, 231' left of centerline, up to 712' MSL.
Tree 615' from DER, 380' right of centerline, 711' MSL.
Trees, antenna beginning 641' from DER, 46' right of centerline, up to 731' MSL.
Trees beginning 949' from DER, 67' left of centerline, up to 716' MSL.
Trees beginning 1091' from DER, 347' left of centerline, up to 723' MSL.
Trees, antenna beginning 1250' from DER, 2' right of centerline, up to 733' MSL.
Trees beginning 1553' from DER, 89' left of centerline, up to 726' MSL.
Trees beginning 1657' from DER, 6' left of centerline, up to 731' MSL.
Trees beginning 1709' from DER, on centerline, up to 734' MSL.
Antenna, trees beginning 1778' from DER, on centerline, up to 101' AGL/742' MSL.
Tree 1796' from DER, 655' right of centerline, 745' MSL.
Trees beginning 1815' from DER, 134' right of centerline, up to 748' MSL.
Trees beginning 2006' from DER, 166' right of centerline, up to 753' MSL.
Trees beginning 2025' from DER, 94' right of centerline, up to 754' MSL.
Trees beginning 2123' from DER, 301' right of centerline, up to 758' MSL.
Tree 2160' from DER, 199' left of centerline, 743' MSL.
Trees beginning 2181' from DER, 108' left of centerline, up to 744' MSL.
Trees beginning 2244' from DER, 87' left of centerline, up to 746' MSL.
Trees beginning 2251' from DER, 93' right of centerline, up to 760' MSL.
Trees, electrical system, transmission line beginning 2300' from DER, 11' right of centerline, up to 765' MSL.
Trees beginning 2527' from DER, 22' left of centerline, up to 751' MSL.
Transmission line, trees beginning 3193' from DER, 182' left of centerline, up to 136' AGL/778' MSL.
Transmission line 4247' from DER, 989' right of centerline, 121' AGL/769' MSL.
Rwy 20, trees, fences, sign, traverse ways, pole beginning 7' from DER, 27' right of centerline, up to 727' MSL.
Terrain 20' from DER, 393' left of centerline, 658' MSL.
Terrain 191' from DER, 489' left of centerline, 663' MSL.
Fences beginning 206' from DER, 140' left of centerline, up to 12' AGL/671' MSL.
Pole, fence, traverse ways beginning 213' from DER, 45' left of centerline, up to 25' AGL/687' MSL.
Tree, sign beginning 328' from DER, 39' left of centerline, up to 707' MSL.
Tree 1564' from DER, 582' right of centerline, 729' MSL.
Trees beginning 1641' from DER, 199' right of centerline, up to 749' MSL.
Trees beginning 1699' from DER, 8' left of centerline, up to 741' MSL.
Trees beginning 1732' from DER, 341' right of centerline, up to 762' MSL.
Trees beginning 1752' from DER, 23' right of centerline, up to 763' MSL.
Trees beginning 1847' from DER, 109' left of centerline, up to 764' MSL.
Trees beginning 2054' from DER, 11' right of centerline, up to 764' MSL.
Trees beginning 2085' from DER, 43' left of centerline, up to 766' MSL.
Trees beginning 2286' from DER, 59' left of centerline, up to 769' MSL.
Trees beginning 2359' from DER, 27' left of centerline, up to 770' MSL.
Trees beginning 2473' from DER, 1' right of centerline, up to 768' MSL.

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MIDDLEFIELD, OH

GEAUGA COUNTY (7G8)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 3 08JUN06 (06159) (FAA)

TAKEOFF OBSTACLE NOTES:

Rwy 11, railroad 331' from DER, 315' left of centerline, 23' AGL/1182' MSL.
Trees 3144' from DER, 671' left of centerline, 100' AGL/1249' MSL.
Rwy 29, railroad 349' from DER, 521' left of centerline, 23' AGL/1212' MSL.
Multiple buildings 993' from DER, 294' right of centerline, 40' AGL/1239' MSL.
Trees 1875' from DER, 791' right of centerline, 100' AGL/1319' MSL.
Tank 2251' from DER, 578' right of centerline, 125' AGL/1315' MSL.

MIDDLETOWN, OH

MIDDLETOWN RGNL/HOOK FLD (MWO)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 2 20SEP12 (21140) (FAA)

TAKEOFF MINIMUMS:

Rwys 8, 26, NA-Environmental.
Rwy 23, 300-1¼ or std. w/min. climb of 880' per NM to 1000.

DEPARTURE PROCEDURE:

Rwy 5, climb heading 053° to 1500' before proceeding on course.
Rwy 23, climb heading 233° to 1300' before proceeding on course.

TAKEOFF OBSTACLE NOTES:

Rwy 5, vehicles on roadway 17' from DER, left and right of centerline, up to 15' AGL/669' MSL.
Terrain 106' from DER, 447' left of centerline, 661' MSL.
Terrain 335' from DER, 395' left of centerline, 659' MSL.
Trees beginning 676' from DER, left and right of centerline, up to 126' AGL/766' MSL.
Poles beginning 1003' from DER, 259' right of centerline, up to 55' AGL/695' MSL.
Rwy 23, trees 1119' from DER, 76' right of centerline, 109' AGL/739' MSL.
Tower 1794' from DER, 603' left of centerline, 63' AGL/703' MSL.
Stack 1997' from DER, 961' left of centerline, 205' AGL/855' MSL.
Tree 1930' from DER, 903' left of centerline, 109' AGL/749' MSL.

MILLERSBURG, OH

HOLMES COUNTY (10G)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 2 20AUG15 (15232) (FAA)

TAKEOFF MINIMUMS:

Rwy 9, 27, 300-1.

TAKEOFF OBSTACLE NOTES:

Rwy 9, bushes 136' from DER, 235 left of centerline, up to 25' AGL/1200' MSL.
Rwy 27, trees beginning 212' from DER, 443' right of center line, up to 100' AGL/1287' MSL.
Trees and poles beginning 1220' from DER, 158' right of centerline, up to 100' AGL/1315' MSL.
Trees and buildings beginning 1116' from DER, 272' left of centerline, up to 100' AGL/1337' MSL.

MONTICELLO, IN

WHITE COUNTY (MCX)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 3 10NOV16 (16315) (FAA)

TAKEOFF MINIMUMS:

Rwy 36, 600-3 or std. w/min. climb of 265' per NM to 1400.

TAKEOFF OBSTACLE NOTES:

Rwy 18, trees beginning 23' from DER, 309' left of centerline, up to 739' MSL.
Trees beginning 35' from DER, 296' right of centerline, 731' MSL.
Trees and pole beginning 51' from DER, 16' right of centerline, up to 744' MSL.
Trees and building beginning 436' from DER, 3' left of centerline, up to 757' MSL.
Trees beginning 1284' from DER, 11' left of centerline, up to 775' MSL.
Trees beginning 1961' from DER, 27' right of centerline, up to 753' MSL.
Rwy 36, tree 983' from DER, 571' right of centerline, 754' MSL.
Tower 1.7 NM from DER, 1101' right of centerline, 292' AGL/973' MSL.
Tower 2.5 NM from DER, 4185' left of centerline, 420' AGL/1134' MSL.

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MT GILEAD, OH

MORROW COUNTY (4I9)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 3 12JUN25 (25163) (FAA)

TAKEOFF MINIMUMS:

Rwy 10, 300-1½ or std w/min climb of 455'/NM to 1400.

TAKEOFF OBSTACLE NOTES:

Rwy 10, pole 10' from DER, 33' right of centerline, 1' AGL/1086' MSL.
Trees beginning 43' from DER, 190' left of centerline, up to 28' AGL/1108' MSL.
Tree 678' from DER, 110' right of centerline, 25' AGL/1104' MSL.
Trees beginning 911' from DER, 265' right of centerline, up to 87' AGL/1169' MSL.
Tree 931' from DER, 382' left of centerline, 68' AGL/1150' MSL.
Trees beginning 1011' from DER, 506' left of centerline, up to 76' AGL/1162' MSL.
Tree 1608' from DER, 64' left of centerline, 73' AGL/1172' MSL.
Trees beginning 1619' from DER, 37' left of centerline, up to 84' AGL/1186' MSL.
Tree 1651' from DER, 260' right of centerline, 68' AGL/1172' MSL.
Trees beginning 1718' from DER, 255' right of centerline, up to 78' AGL/1188' MSL.
Trees beginning 1767' from DER, 19' left of centerline, up to 92' AGL/1196' MSL.
Trees beginning 1804' from DER, 97' right of centerline, up to 84' AGL/1200' MSL.
Trees, buildings beginning 1932' from DER, 53' left of centerline, up to 88' AGL/1198' MSL.
Trees beginning 1964' from DER, 96' right of centerline, up to 82' AGL/1209' MSL.
Trees, poles, electrical systems, vehicle on roads, buildings beginning 2067' from DER, 9' right of centerline, up to 82' AGL/1211' MSL.
Trees beginning 2298' from DER, 333' left of centerline, up to 74' AGL/1199' MSL.
Trees beginning 2381' from DER, 29' left of centerline, up to 81' AGL/1206' MSL.
Trees, buildings, vehicle on roads, poles, electrical systems beginning 2431' from DER, 10' left of centerline, up to 101' AGL/1229' MSL.
Trees, poles, vehicle on road, electrical system beginning 2787' from DER, 49' right of centerline, up to 80' AGL/1212' MSL.
Trees, electrical system beginning 2836' from DER, 89' right of centerline, up to 67' AGL/1216' MSL.
Trees, pole, vehicle on road, electrical systems, buildings beginning 2871' from DER, 55' right of centerline, up to 69' AGL/1219' MSL.
Trees, building beginning 2929' from DER, 20' left of centerline, up to 103' AGL/1251' MSL.
Trees, vehicle on road, pole beginning 3031' from DER, 63' right of centerline, up to 72' AGL/1221' MSL.
Tree 3092' from DER, 163' right of centerline, 76' AGL/1226' MSL.
Trees, vehicles on roads, electrical systems, poles beginning 3095' from DER, 28' right of centerline, up to 85' AGL/1234' MSL.
Trees, building beginning 3165' from DER, 35' left of centerline, up to 108' AGL/1252' MSL.
Trees beginning 3892' from DER, 501' left of centerline, up to 113' AGL/1256' MSL.
Trees beginning 5147' from DER, 198' right of centerline, up to 110' AGL/1240' MSL.
Tree 1.1 NM from DER, 2286' left of centerline, 107' AGL/1270' MSL.
Rwy 28, pole 10' from DER, 30' left of centerline, 1' AGL/1076' MSL.
Pole 213' from DER, 524' right of centerline, 37' AGL/1102' MSL.
Tree 245' from DER, 396' right of centerline, 37' AGL/1104' MSL.
Trees beginning 370' from DER, 295' right of centerline, up to 60' AGL/1123' MSL.
Pole 819' from DER, 671' left of centerline, 34' AGL/1097' MSL.
Trees beginning 873' from DER, 413' left of centerline, up to 46' AGL/1111' MSL.
Trees beginning 914' from DER, 268' right of centerline, up to 73' AGL/1138' MSL.
Trees beginning 3397' from DER, 235' left of centerline, up to 139' AGL/1161' MSL.
Trees beginning 3485' from DER, 162' left of centerline, up to 143' AGL/1166' MSL.
Tree 3679' from DER, 50' right of centerline, 144' AGL/1167' MSL.

MT. VERNON, OH

KNOX COUNTY (4I3)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 15JAN09 (09015) (FAA)

TAKEOFF OBSTACLE NOTES:

Rwy 28, trees 2121' from DER, 361' right of centerline, 47' AGL/1246' MSL.

MUNCIE, IN

DELAWARE COUNTY RGNL (MIE)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 4A 12DEC13 (13346) (FAA)

TAKEOFF OBSTACLE NOTES:

Rwy 3, pole 717' from DER, 596' right of centerline, 19' AGL/954' MSL.
Trees beginning 771' from DER, 413' right of centerline, up to 56' AGL/991' MSL.
Trees beginning 2463' from DER, 44' left of centerline, up to 76' AGL/1007' MSL.
Towers and pole 3802' from DER, 702' left of centerline, up to 121' AGL/1049' MSL.
Rwy 14, trees beginning 2062' from DER, 1005' right of centerline, up to 68' AGL/1013' MSL.
Rwy 21, rising terrain beginning 6' from DER, 304' right of centerline, up to 943' MSL.
Flag pole 851' from DER, 627' left of centerline, 25' AGL/962' MSL.
Building 941' from DER, 670' left of centerline, 32' AGL/969' MSL.
Trees beginning 946' from DER, 39' left of centerline, up to 81' AGL/1033' MSL.
Trees beginning 1119' from DER, 207' right of centerline, up to 96' AGL/1032' MSL.
Rwy 32, trees and bushes beginning 86' from DER, 447' left of centerline, up to 17' AGL/940' MSL.

EC-2, 12 JUN 2025 to 07 AUG 2025

EC-2, 12 JUN 2025 to 07 AUG 2025

NAPOLEON, OH

HENRY COUNTY (7W5)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG-A 12JUN25 (25163) (FAA)

TAKEOFF OBSTACLE NOTES:

Rwy 10, vegetation 115' from DER, 137' left of centerline, 17' AGL/696' MSL.
Pole, vehicles on roadway beginning 442' from DER, 574' left of centerline, up to 715' MSL.
Tree 822' from DER, 612' left of centerline, 758' MSL.
Trees beginning 861' from DER, 597' left of centerline, up to 102' AGL/785' MSL.
Pole 1063' from DER, 701' right of centerline, 719' MSL.
Trees beginning 1782' from DER, 436' right of centerline, up to 755' MSL.
Tree 3696' from DER, 352' right of centerline, 778' MSL.
Rwy 28, terrain 79' from DER, 488' right of centerline, 683' MSL.
Tree 114' from DER, 128' left of centerline, 684' MSL.
Vegetation 117' from DER, 110' right of centerline, 13' AGL/687' MSL.
Vehicles on roadway beginning 424' from DER, 230' left of centerline, up to 694' MSL.
Tree, building beginning 721' from DER, 442' right of centerline, up to 708' MSL.
Tree, building beginning 795' from DER, 366' right of centerline, up to 717' MSL.
Trees beginning 879' from DER, 308' right of centerline, up to 727' MSL.
Trees beginning 964' from DER, 411' right of centerline, up to 743' MSL.
Trees beginning 1036' from DER, 432' right of centerline, up to 755' MSL.
Trees beginning 2114' from DER, 180' left of centerline, up to 770' MSL.
Tree 3455' from DER, 476' right of centerline, 782' MSL.
Trees beginning 3469' from DER, 377' right of centerline, up to 786' MSL.
Trees beginning 3724' from DER, 282' right of centerline, up to 790' MSL.
Tree 4085' from DER, 1512' left of centerline, 108' AGL/786' MSL.
Tree 4435' from DER, 562' right of centerline, 115' AGL/792' MSL.

NAPPANEE, IN

NAPPANEE MUNI (C03)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 1 19FEB81 (81036) (FAA)

TAKEOFF MINIMUMS:

Rwy 9, 300-1.

NEW CASTLE, IN

NEW CASTLE HENRY COUNTY MARLATT FLD (UWL)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 1A 20JUN19 (21224) (FAA)

TAKEOFF OBSTACLE NOTES:

Rwy 10, trees beginning 1657' from DER, 156' right of centerline, up to 1142' MSL.
Tree 1821' from DER, 92' left of centerline, 65' AGL/1146' MSL.
Trees beginning 1865' from DER, 22' right of centerline, up to 69' AGL/1153' MSL.
Tree 1931' from DER, 697' right of centerline, 1154' MSL.
Tree 1932' from DER, 817' right of centerline, 91' AGL/1176' MSL.
Trees beginning 1951' from DER, 571' right of centerline, up to 93' AGL/1179' MSL.
Trees beginning 2029' from DER, 530' right of centerline, up to 103' AGL/1190' MSL.
Rwy 28, pole, traverse way beginning 160' from DER, 464' right of centerline, up to 30' AGL/1101' MSL.
Pole beginning 346' from DER, 461' right of centerline, up to 32' AGL/1105' MSL.
Pole 444' from DER, 462' right of centerline, 35' AGL/1107' MSL.

NEW LEXINGTON, OH

ED NEWLON FLD (I86)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 30AUG84 (24305) (FAA)

TAKEOFF MINIMUMS:

Rwys 8, 26, 300-1.

NEW PHILADELPHIA, OH

HARRY CLEVER FLD (PHD)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 3A 01FEB18 (22083) (FAA)

TAKEOFF MINIMUMS:

Rwys 12, 30, NA-Environmental.
Rwy 15, 500-2½ or std. w/min. climb to 420' per NM to 1500.
Rwy 33, std. w/min. climb of 210' per NM to 1500.

DEPARTURE PROCEDURE:

Rwy 15, climb heading 147° to 1500 before turning.
Rwy 33, climb heading 327° to 1600 before turning.

CON'T

EC-2, 12 JUN 2025 to 07 AUG 2025

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TAKEOFF MINIMUMS, (OBSTACLE) DEPARTURE PROCEDURES, AND DIVERSE VECTOR AREA (RADAR VECTORS)

25163

NEW PHILADELPHIA, OH (CON'T)

HARRY CLEVER FLD (PHD) (CON'T)

TAKEOFF OBSTACLE NOTES:

Rwy 15, poles beginning 194' from DER, 431' left of centerline, up to 56' AGL/935' MSL.
Vehicle on road beginning 240' from DER, 146' left of centerline, up to 15' AGL/902' MSL.
Rising terrain and trees beginning 320' from DER, 37' left of centerline, up to 100' AGL/1319' MSL.
Siren 383' from DER, 584' left of centerline, 81' AGL/940' MSL.
Tower 3659' from DER, 9' left of centerline, 124' AGL/983' MSL.
Vehicle on road beginning 78' from DER, 45' right of centerline, up to 15' AGL/904' MSL.
Trees beginning 79' from DER, 13' right of centerline, up to 100' AGL/972' MSL.
Poles beginning 678' from DER, 3' right of centerline, up to 61' AGL/920' MSL.
Rwy 33, trees beginning 41' from DER, 64' left of centerline, up to 100' AGL/965' MSL.
Vehicle on road beginning 108' from DER, 26' left of centerline, up to 15' AGL/914' MSL.
Headstone 142' from DER, 272' left of centerline, 6' AGL/900' MSL.
Building 167' from DER, 511' left of centerline, 34' AGL/928' MSL.
OL on pole 261' from DER, 213' left of centerline, 37' AGL/931' MSL.
Vehicle on road beginning 12' from DER, 28' right of centerline, up to 15' AGL/914' MSL.
Rising terrain and trees beginning 36' from DER, 22' right of centerline, up to 100' AGL/984' MSL.
Fence 83' from DER, 217' right of centerline, 6' AGL/900' MSL.
Poles beginning 502' from DER, 368' right of centerline, up to 28' AGL/924' MSL.
Tower 2.6 NM from DER, 2107' right of centerline, 406' AGL/1319' MSL.

NEWARK, OH

LICKING COUNTY RGNL (VTA)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 3 20JUN19 (24305) (FAA)

TAKEOFF MINIMUMS:

Rwy 9, 600-3 w/min climb of 225' per NM to 1700 or std w/min climb of 300' per NM to 1600 or 1000-3 for VCOA.
Rwy 27, 400-2½ or std w/min climb of 220' per NM to 1200.

DEPARTURE PROCEDURE:

Rwy 9, climb heading 093° to 1700 before proceeding on course.
Rwy 27, climb on heading 273º to 1400 before proceeding on course.

VCOA:

Rwy 9, obtain ATC approval for VCOA when requesting IFR clearance. Climb in visual conditions to cross Licking County Rgnl Airport at or above 1700 before proceeding on course.

TAKEOFF OBSTACLE NOTES:

Rwy 9, tree, terrain beginning 25' from DER, 173' left of centerline, up to 889' MSL.
Lighting 40' from DER, 77' right of centerline, 871' MSL.
Building 93' from DER, 510' right of centerline, 879' MSL.
Transmission line, fence beginning 105' from DER, 249' right of centerline, up to 907' MSL.
Trees, poles, building beginning 107' from DER, 454' left of centerline, up to 71' AGL/934' MSL.
Tree 237' from DER, 554' right of centerline, 922' MSL.
Trees, pole beginning 558' from DER, 29' right of centerline, up to 942' MSL.
Tree 2651' from DER, 263' right of centerline, 949' MSL.
Trees beginning 2741' from DER, 473' right of centerline, up to 953' MSL.
Tree 4800' from DER, 1713' right of centerline, 1005' MSL.
Trees beginning 4884' from DER, 1409' right of centerline, up to 1008' MSL.
Trees, buildings beginning 5018' from DER, 1522' right of centerline, up to 1018' MSL.
Trees, building beginning 5164' from DER, 1437' right of centerline, up to 1032' MSL.
Trees, buildings beginning 5288' from DER, 1367' right of centerline, up to 1041' MSL.
Trees, building beginning 5679' from DER, 1429' right of centerline, up to 1055' MSL.
Trees beginning 5909' from DER, 1352' right of centerline, up to 1058' MSL.
Tree 1 NM from DER, 1488' right of centerline, 1065' MSL.
Trees, building beginning 1 NM from DER, 1429' right of centerline, up to 1076' MSL.
Trees beginning 1 NM from DER, 1430' right of centerline, up to 1101' MSL.
Trees beginning 1 NM from DER, 1834' right of centerline, up to 1110' MSL.
Trees beginning 1.1 NM from DER, 1580' right of centerline, up to 69' AGL/1118' MSL.
Trees beginning 1.1 NM from DER, 1546' right of centerline, up to 1120' MSL.
Trees, building beginning 1.1 NM from DER, 1318' right of centerline, up to 1121' MSL.
Trees beginning 1.1 NM from DER, 1230' right of centerline, up to 1122' MSL.
Trees buildings beginning 1.1 NM from DER, 1399' right of centerline, up to 1125' MSL.
Trees beginning 1.3 NM from DER, 1932' right of centerline, up to 1130' MSL.
Tree 1.3 NM from DER, 2058' right of centerline, 1132' MSL.
Trees, buildings beginning 1.3 NM from DER, 297' right of centerline, up to 90' AGL/1151' MSL.
Trees beginning 1.3 NM from DER, 223' left of centerline, up to 1121' MSL.
Trees beginning 1.3 NM from DER, 168' left of centerline, up to 1127' MSL.
Trees beginning 1.3 NM from DER, 66' left of centerline, up to 1150' MSL.
Trees beginning 1.4 NM from DER, 62' left of centerline, up to 151' AGL/1151' MSL.
Trees beginning 1.6 NM from DER, 659' right of centerline, up to 1163' MSL.
Trees beginning 1.6 NM from DER, 8' right of centerline, up to 1168' MSL.
Trees, building beginning 1.6 NM from DER, 107' right of centerline, up to 82' AGL/1179' MSL.
Antenna 2.4 NM from DER, 2425' left of centerline, 360' AGL/1394' MSL.
Tower 2.4 NM from DER, 2371' left of centerline, 362' AGL/1396' MSL.
Antenna 2.4 NM from DER, 2430' left of centerline, 360' AGL/1396' MSL.

CON'T

TAKEOFF MINIMUMS, (OBSTACLE) DEPARTURE PROCEDURES, AND DIVERSE VECTOR AREA (RADAR VECTORS)

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NEWARK, OH (CON'T)

LICKING COUNTY RGNL (VTA) (CON'T)

Rwy 27, terrain 2' from DER, 251' right of centerline, 884' MSL.
Terrain 11' from DER, 486' right of centerline, 886' MSL.
Pole, vehicles on road beginning 49' from DER, 199' left of centerline, up to 910' MSL.
Pole, vehicles on road beginning 188' from DER, 32' left of centerline, up to 29' AGL/912' MSL.
Trees, poles, bldg twr beginning 543' from DER, 120' left of centerline, up to 968' MSL.
Vehicles on road 604' from DER, 31' right of centerline, 902' MSL.
Pole 697' from DER, 139' right of centerline, 919' MSL.
Poles, building beginning 796' from DER, 206' right of centerline, up to 920' MSL.
Pole 972' from DER, 313' right of centerline, 926' MSL.
Trees beginning 1033' from DER, 11' right of centerline, up to 933' MSL.
Trees, pole beginning 1196' from DER, 64' right of centerline, up to 963' MSL.
Tree 1533' from DER, 7' right of centerline, 971' MSL.
Tree 1591' from DER, 682' right of centerline, 973' MSL.
Trees beginning 1645' from DER, 189' right of centerline, up to 976' MSL.
Trees beginning 1750' from DER, 321' right of centerline, up to 979' MSL.
Trees, poles beginning 2005' from DER, 58' right of centerline, up to 985' MSL.
Tree, poles beginning 2270' from DER, 154' left of centerline, up to 970' MSL.
Tree 3354' from DER, 1131' right of centerline, 993' MSL.
Tree 3381' from DER, 384' left of centerline, 974' MSL.
Tree 3776' from DER, 1384' left of centerline, 983' MSL.
Tree 3791' from DER, 1212' right of centerline, 996' MSL.
Tree 3892' from DER, 1160' right of centerline, 998' MSL.
Tree 3899' from DER, 1424' left of centerline, 992' MSL.
Tree 3984' from DER, 1537' left of centerline, 994' MSL.
Trees beginning 4015' from DER, 1135' right of centerline, up to 1003' MSL.
Trees beginning 4020' from DER, 1325' left of centerline, up to 998' MSL.
Trees beginning 4550' from DER, 755' left of centerline, up to 1009' MSL.
Tree 4739' from DER, 913' left of centerline, 1011' MSL.
Trees beginning 4835' from DER, 634' left of centerline, up to 1021' MSL.
Trees beginning 4982' from DER, 966' left of centerline, up to 1029' MSL.
Tree 1.3 NM from DER, 1932' right of centerline, 1094' MSL.
Tree 1.3 NM from DER, 2173' right of centerline, 1099' MSL.
Trees beginning 1.3 NM from DER, 1874' right of centerline, up to 1109' MSL.
Tree 2.1 NM from DER, 2988' right of centerline, 121' AGL/1204' MSL.

NORTH VERNON, IN

NORTH VERNON (OVO)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 27AUG09 (09239) (FAA)

TAKEOFF OBSTACLE NOTES:
Rwy 5, tree 1866' from DER, 690' left of centerline, 62' AGL/821' MSL.
Tree 428' from DER, 516' right of centerline, 22' AGL/781' MSL.
Rwy 15, fence beginning 259' from DER, crossing left to right, 11' AGL/765' MSL.
Trees beginning 469' from DER, 100' left of centerline, up to 115' AGL/864' MSL.
Tree 1509' from DER, 472' right of centerline, 59' AGL/818' MSL.
Rwy 23, trees beginning 1856' from DER, 94' left of centerline, up to 93' AGL/842' MSL.
Tree 3348' from DER 675' right of centerline, 97' AGL/846' MSL.
Rwy 33, fence beginning 304' from DER, 138' left of centerline, 11' AGL/761' MSL.
Tree 2592' from DER, 596' left of centerline, 90' AGL/839' MSL.
Power pole 751' from DER, 102' right of centerline, 25' AGL/774' MSL.

NORWALK, OH

NORWALK/HURON COUNTY (5A1)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 2 03NOV22 (24361) (FAA)

TAKEOFF OBSTACLE NOTES:
Rwy 10, vegetation 24' from DER, 253' left of centerline, 853' MSL.
Tree 47' from DER, 455' right of centerline, 894' MSL.
Poles, traverse ways, fence, trees beginning 92' from DER, 243' right of centerline, up to 61' AGL/918' MSL.
Poles, trees, traverse way, building beginning 461' from DER, 189' right of centerline, up to 929' MSL.
Trees beginning 673' from DER, 247' left of centerline, up to 914' MSL.
Trees beginning 719' from DER, 210' left of centerline, up to 93' AGL/939' MSL.
Trees beginning 852' from DER, 178' right of centerline, up to 930' MSL.
Trees, pole beginning 855' from DER, 197' left of centerline, up to 104' AGL/950' MSL.
Trees beginning 1013' from DER, 200' left of centerline, up to 103' AGL/953' MSL.
Trees beginning 1217' from DER, 40' left of centerline, up to 103' AGL/955' MSL.
Trees beginning 1799' from DER, 230' right of centerline, up to 75' AGL/931' MSL.
Trees beginning 2482' from DER, 260' right of centerline, up to 72' AGL/933' MSL.
Trees beginning 2645' from DER, 16' left of centerline, up to 956' MSL.
Trees beginning 3125' from DER, 5' right of centerline, up to 945' MSL.
Trees beginning 3240' from DER, 13' left of centerline, up to 102' AGL/959' MSL.
CON'T

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NORWALK, OH (CON'T)

NORWALK/HURON COUNTY (5A1) (CON'T)

Rwy 10 (CON'T), tree 3272' from DER, 325' left of centerline, 105' AGL/963' MSL.
Trees beginning 3276' from DER, 17' left of centerline, up to 109' AGL/967' MSL.
Trees beginning 3303' from DER, 1' left of centerline, up to 112' AGL/975' MSL.
Trees beginning 3346' from DER, 40' right of centerline, up to 85' AGL/947' MSL.
Tree 3385' from DER, 47' right of centerline, 83' AGL/948' MSL.
Trees beginning 3391' from DER, 8' right of centerline, up to 93' AGL/954' MSL.
Trees beginning 3494' from DER, 21' right of centerline, up to 86' AGL/956' MSL.
Trees beginning 3495' from DER, 11' right of centerline, up to 93' AGL/962' MSL.
Tree 3515' from DER, 23' right of centerline, 93' AGL/963' MSL.
Trees beginning 3532' from DER, 12' right of centerline, up to 96' AGL/966' MSL.
Trees beginning 3599' from DER, 3' right of centerline, up to 97' AGL/969' MSL.
Tree 4933' from DER, 1799' right of centerline, 976' MSL.
Rwy 28, tree 50' from DER, 344' left of centerline, 937' MSL.
Trees beginning 55' from DER, 192' right of centerline, up to 15' AGL/846' MSL.
Trees, vegetation, tower beginning 95' from DER, 116' left of centerline, up to 100' AGL/940' MSL.
Trees beginning 120' from DER, 182' right of centerline, up to 847' MSL.
Tree 1298' from DER, 841' right of centerline, 901' MSL.
Trees beginning 1448' from DER, 830' right of centerline, up to 907' MSL.

OTTAWA, OH

PUTNAM COUNTY (OWX)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 27AUG09 (09239) (FAA)

TAKEOFF OBSTACLE NOTES:

Rwy 9, trees 1342' from DER, 578' right of centerline, 100' AGL/854' MSL.
Tree 1978' from DER, 5' left of centerline, 50' AGL/814' MSL.
Rwy 27, road 1' from DER, 219' right of centerline, 15' AGL/768' MSL.
Multiple trees and pole beginning 1606' from DER, 303' left of centerline, up to 100' AGL/854' MSL.

OXFORD, OH

MIAMI UNIVERSITY (OXD)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 2A 12JUN25 (25163) (FAA)

TAKEOFF OBSTACLE NOTES:

Rwy 5, trees beginning 105' from DER, 424' right of centerline, up to 1048' MSL.
Trees, pole beginning 266' from DER, 119' right of centerline, up to 1055' MSL.
Trees, transmission lines, building beginning 589' from DER, 3' left of centerline, up to 65' AGL/1095' MSL.
Trees beginning 798' from DER, 169' right of centerline, up to 45' AGL/1059' MSL.
Poles, trees, beginning 927' from DER, 34' right of centerline, up to 1086' MSL.
Tree 1355' from DER, 648' left of centerline, 1096' MSL.
Tree 1430' from DER, 751' left of centerline, 1101' MSL.
Trees beginning 1520' from DER, 561' left of centerline, up to 85' AGL/1107' MSL.
Trees beginning 1554' from DER, 544' left of centerline, up to 86' AGL/1109' MSL.
Trees beginning 1594' from DER, 536' left of centerline, up to 91' AGL/1112' MSL.
Tree 1707' from DER, 434' right of centerline, 1087' MSL.
Rwy 23, tree, vehicles on road beginning 2' from DER, 100' right of centerline, up to 1061' MSL.
Tree, transmission line beginning 109' from DER, 468' left of centerline, up to 1078' MSL.
Trees beginning 181' from DER, 384' left of centerline, up to 46' AGL/1084' MSL.
Tree 254' from DER, 410' left of centerline, 1087' MSL.
Trees, building beginning 263' from DER, 356' left of centerline, up to 53' AGL/1091' MSL.
Building, tree, vehicles on road beginning 269' from DER, on centerline, up to 27' AGL/1062' MSL.
Tree 347' from DER, 352' left of centerline, 1093' MSL.
Tree 353' from DER, 509' left of centerline, 67' AGL/1102' MSL.
Trees, poles, building, transmission lines beginning 381' from DER, 3' left of centerline, up to 72' AGL/1107' MSL.
Tree 389' from DER, 324' right of centerline, 1064' MSL.
Building 471' from DER, 190' right of centerline, 17' AGL/1067' MSL.
Trees beginning 558' from DER, 52' right of centerline, up to 1085' MSL.
Trees beginning 831' from DER, 38' right of centerline, up to 1093' MSL.
Trees, tower, pole beginning 987' from DER, 72' left of centerline, up to 1109' MSL.
Trees beginning 1660' from DER, 225' left of centerline, up to 1116' MSL.
Tree 1666' from DER, 422' right of centerline, 1096' MSL.
Trees beginning 1682' from DER, 446' right of centerline, up to 1107' MSL.
Trees beginning 1846' from DER, 528' right of centerline, up to 83' AGL/1109' MSL.

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PAINESVILLE, OH

CONCORD AIRPARK (2G1)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 3A 11AUG22 (22223) (FAA)

TAKEOFF MINIMUMS:

Rwy 21, 400-2¾ or std. w/min. climb of 400' per NM to 1500.

DEPARTURE PROCEDURE:

Rwy 21, climb on heading 209° to 1500 before proceeding on course.

TAKEOFF OBSTACLE NOTES:

Rwy 3, trees beginning 336' from DER, 42' left of centerline, up to 100' AGL/1039' MSL.
Trees beginning 1064' from DER, 217' right of centerline, up to 100' AGL/1039' MSL.
Rwy 21, trees beginning 131' from DER, left and right of centerline, up to 100' AGL/1220' MSL.
Tower 1.2 NM from DER, 2020' right of centerline, 114' AGL/1223' MSL.

PERU, IN

PERU MUNI (I76)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 3 18JAN07 (07018) (FAA)

TAKEOFF OBSTACLE NOTES:

Rwy 1, multiple trees beginning 2201' from DER, 321' left of centerline, 100' AGL/879' MSL.
Road plus vehicle beginning 407' from DER, 1524' right of centerline, 15' AGL/794' MSL.
Trees beginning 1656' from DER, 815' right of centerline, 100' AGL/879' MSL.
Rwy 19, multiple trees beginning 44' from DER, 204' left of centerline, 100' AGL/869' MSL.
Multiple trees beginning 588' from DER, 134' right of centerline, 100' AGL/859' MSL.

PIQUA, OH

PIQUA/HARTZELL FLD (I17)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 20OCT11 (21224) (FAA)

TAKEOFF OBSTACLE NOTES:

Rwy 8, tree 2006' from DER, 515' left of centerline, 76' AGL/1062' MSL.
Rwy 26, vehicles on roadway, beginning 347' from DER, 578' left of centerline, up to 15' AGL/1024' MSL.
Trees and grain bin beginning 61' from DER, 321' left of centerline, up to 100' AGL/1119' MSL.

PLYMOUTH, IN

PLYMOUTH MUNI (C65)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 18JUL74 (74199) (FAA)

TAKEOFF MINIMUMS:

Rwys 10, 28, 300-1.

PORT CLINTON, OH

ERIE-OTTAWA INTL (PCW)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 6A 12NOV15 (22223) (FAA)

TAKEOFF MINIMUMS:

Rwy 27, std. w/min. climb of 250' per NM to 1600 or 1000-2½ for climb in visual conditions.

DEPARTURE PROCEDURE:

Rwy 27, for climb in visual conditions: cross Erie-Ottawa Intl at or above 1400 MSL before proceeding on course.

TAKEOFF OBSTACLE NOTES:

Rwy 9, multiple trees and poles beginning 417' from DER, 398' left of centerline, up to 78' AGL/668' MSL.
Multiple trees and poles beginning 407' from DER, 550' right of centerline, up to 67' AGL/657' MSL.
Rwy 18, multiple trees beginning 626' from DER, 424' left of centerline, up to 100' AGL/684' MSL.
Trees 511' from DER, 471' right of centerline, 100' AGL/684' MSL.
Vehicles on road 475' from DER, 31' right of centerline, 15' AGL/604' MSL.
Rwy 27, multiple trees beginning 1210' from DER, 176' left of centerline, up to 65' AGL/650' MSL.
Pole 1066' from DER, 609' right of centerline, 35' AGL/620' MSL.
Multiple trees beginning 2558' from DER, 311' right of centerline, up to 91' AGL/676' MSL.
Rwy 36, trees 558' from DER, 406' left of centerline, 100' AGL/684' MSL.
Trees 770' from DER, 564' right of centerline, 100' AGL/679' MSL.
Trees 5097' from DER, 1661' right of centerline, 100' AGL/719' MSL.

PORTLAND, IN

PORTLAND MUNI (PLD)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 1 23FEB23 (23054) (FAA)

TAKEOFF OBSTACLE NOTES:

Rwy 9, poles, fence beginning 29' from DER, 348' right of centerline, up to 29' AGL/956' MSL.
Tree 69' from DER, 492' left of centerline, 943' MSL.
Tree 102' from DER, 523' left of centerline, 41' AGL/964' MSL.
Trees, poles, building beginning 226' from DER, 13' left of centerline, up to 51' AGL/972' MSL.
Pole 349' from DER, 581' right of centerline, 42' AGL/969' MSL.
Trees, poles beginning 571' from DER, 80' right of centerline, up to 53' AGL/979' MSL.
Trees beginning 1635' from DER, 521' right of centerline, up to 985' MSL.
Tree 1818' from DER, 542' right of centerline, 71' AGL/994' MSL.
Trees beginning 1848' from DER, 520' right of centerline, up to 1003' MSL.
Trees beginning 2268' from DER, 519' right of centerline, up to 1015' MSL.
Tree 2475' from DER, 619' right of centerline, 1016' MSL.
Trees, transmission lines beginning 2517' from DER, 100' right of centerline, up to 1018' MSL.
Trees beginning 2780' from DER, 37' left of centerline, up to 1008' MSL.
Tree 2813' from DER, 48' right of centerline, 1020' MSL.
Trees beginning 2821' from DER, 471' right of centerline, up to 1023' MSL.
Trees beginning 2833' from DER, 233' right of centerline, up to 1025' MSL.
Trees beginning 2908' from DER, 113' right of centerline, up to 1032' MSL.
Trees beginning 2940' from DER, 63' left of centerline, up to 102' AGL/1024' MSL.
Trees beginning 2943' from DER, 71' right of centerline, up to 113' AGL/1035' MSL.
Trees beginning 2967' from DER, 16' left of centerline, up to 1030' MSL.
Trees beginning 3186' from DER, 20' right of centerline, up to 1037' MSL.

PORTSMOUTH, OH

GREATER PORTSMOUTH RGNL (PMH)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 3 31MAY12 (12152) (FAA)

TAKEOFF MINIMUMS:

Rwy 18, 300-1¾ or std. w/min. climb of 257' per NM to 1100.

DEPARTURE PROCEDURE:

Rwy 18, climb heading 170° to 1300 before proceeding on course.

TAKEOFF OBSTACLE NOTES:

Rwy 18, trees beginning 4' from DER, 290' left of centerline, up to 100' AGL/721' MSL.
Trees beginning 678' from DER, 495' right of centerline, up to 100' AGL/931' MSL.
Rwy 36, trees beginning 1' from DER, 180' left of centerline, up to 100' AGL/780' MSL.
Trees beginning 687' from DER, 388' right of centerline, up to 100' AGL/710' MSL.

RAVENNA, OH

PORTAGE COUNTY (POV)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 18NOV10 (10322) (FAA)

TAKEOFF OBSTACLE NOTES:

Rwy 9, power poles and road 19' from DER, 368' left of centerline, up to 35' AGL/1238' MSL.
Power pole 413' from DER, 549' right of centerline, 35' AGL/1218' MSL.
Rwy 27, tree 751' from DER, 148' right of centerline, 56' AGL/1226' MSL.
Pole 105' from DER, 523' right of centerline, 35'AGL/1200' MSL.
Power poles 357' from DER, 408' left of centerline, up to 35' AGL/1244' MSL.

RENSSELAER, IN

JASPER COUNTY (RZL)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 1A 11AUG22 (22223) (FAA)

TAKEOFF MINIMUMS:

Rwys 18, 36, 300-1.
Rwys 9, 27, NA-Environmental.

DEPARTURE PROCEDURE:

Rwys 18, 36, climb to 1100 on runway heading before proceeding on course.

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RICHMOND, IN

RICHMOND MUNI (RID)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG-A 11AUG22 (22223) (FAA)

TAKEOFF OBSTACLE NOTES:

Rwy 6, NAVAID 10' from DER, 150' left of centerline, 3' AGL/1140' MSL.
Terrain 27' from DER, 177' right of centerline, 1139' MSL.
Terrain beginning 54' from DER, 175' right of centerline, up to 1145' MSL.
Terrain 156' from DER, 472' right of centerline, 1147' MSL.
Tree 667' from DER, 677' left of centerline, 1160' MSL.
Tree 1704' from DER, 797' left of centerline, 1209' MSL.
Trees beginning 1774' from DER, 701' left of centerline, up to 1217' MSL.
Rwy 15, terrain 91' from der, 306' left of centerline, 1145' MSL.
Terrain beginning 93' from DER, 111' left of centerline, up to 1146' MSL.
Tree 2551' from DER, 111' left of centerline, 68' AGL/1208' MSL.
Trees beginning 2573' from DER, 0' left of centerline, up to 75' AGL/1216' MSL.
Trees beginning 2967' from DER, 150' right of centerline, up to 86' AGL/1226' MSL.
Rwy 24, terrain 35' from DER, 321' left of centerline, 1140' MSL.
Terrain beginning 106' from DER, 120' left of centerline, up to 1142' MSL.
Pole, building, traverse way beginning 274' from DER, 276' right of centerline, up to 21' AGL/1148' MSL.
Traverse way 465' from DER, 324' right of centerline, 1149' MSL.
Traverse way 665' from DER, 29' right of centerline, 1156' MSL.
Tree 1084' from DER, 685' left of centerline, 1175' MSL.
Trees beginning 1128' from DER, 525' left of centerline, up to 51' AGL/1177' MSL.
Trees beginning 1377' from DER, 758' left of centerline, up to 68' AGL/1190,' MSL.
Rwy 33, terrain 17' from DER, 483' right of centerline, 1128' MSL.
Traverse way 351' from DER, 578' right of centerline, 1141' MSL.
Tree 434' from DER, 490' right of centerline, 1186' MSL.
Trees beginning 484' from DER, 34' right of centerline, up to 1190' MSL.
Trees beginning 1046' from DER, 358' left of centerline, up to 87' AGL/1198' MSL.
Trees, tower, building beginning 1085' from DER, 17' left of centerline, up to 1200' MSL.
Trees beginning 1742' from DER, 771' right of centerline, up to 1196' MSL.

ROCHESTER, IN

FULTON COUNTY (RCR)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 25SEP08 (08269) (FAA)

TAKEOFF OBSTACLE NOTES:

Rwy 11, terrain 469' right of centerline, 797' MSL.
Trees beginning 619' from DER, 181' right of centerline, up to 105' AGL/894' MSL.
Trees beginning 2534' from DER, 27' left of centerline, up to 97' AGL/886' MSL.
Rwy 29, pole 1' from DER, 480' left of centerline, 28' AGL/817' MSL.
Pole 195' from DER, 460' left of centerline, 28' AGL/817' MSL.
Pole 524' from DER, 503' left of centerline, 33' AGL/823' MSL.
Vehicle on road 578' from DER, 100' left of centerline, 15' AGL/804' MSL.
Vent on building 890' from DER, 262' left of centerline, 23' AGL/812' MSL.
Trees beginning 614' from DER, 355' left of centerline, up to 87' AGL/876' MSL.
Vent on building 229' from DER, 525' right of centerline, 40' AGL/829' MSL.
Pole 843' from DER, 94' right of centerline, 23' AGL/812' MSL.
Trees beginning 883' from DER, 152' right of centerline, up to 103' AGL/892' MSL.

ST. CLAIRSVILLE, OH

ALDERMAN (2P7)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 3 16DEC10 (10350) (FAA)

TAKEOFF MINIMUMS:

Rwy 1, 300-1¼ or std. w/min. climb of 395' per NM to 1800.
Rwy 19, 500-3 or std. w/min. climb of 244' per NM to 1800.

DEPARTURE PROCEDURE:

Rwy 1, climb heading 013° to 1800 before turning right.
Rwy 19, climb heading 193° to 1800 before proceeding on course.

TAKEOFF OBSTACLE NOTES:

Rwy 1, trees 49' from DER, 170' left of centerline, up to 90' AGL/1269' MSL.
Trees 179' from DER, 53' left of centerline, up to 90' AGL/1249' MSL.
Trees 210' from DER, 37' right of centerline, up to 90' AGL/1249' MSL.
Rwy 19, trees 141' from DER, 138' left of centerline, up to 90' AGL/1229' MSL.
Trees 154' from DER, 168' right of centerline up to 90' AGL/1249' MSL.
Trees 385' from DER, 34' right of centerline, up to 90' AGL/1229' MSL.
Trees 1764' from DER, 958' right of centerline, up to 90' AGL/1309' MSL.

SALEM, OH

SALEM AIRPARK (38D)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 2 24MAY18 (24025) (FAA)

TAKEOFF MINIMUMS:

Rwys 10R, 28L, NA-Environmental.

Rwy 10L, std w/min climb of 217' per NM to 1800, or 1400-3 for VCOA.

DEPARTURE PROCEDURE:

Rwy 28R, climb on heading 277° to 2200 before turning left.

VCOA:

Rwy 10L, obtain ATC approval for VCOA when requesting IFR clearance. Climb in visual conditions to cross Salem Airpark at or above 2400 before proceeding on course.

TAKEOFF OBSTACLE NOTES:

Rwy 10L, tower, 3186' from DER, 654' left of centerline, 72' AGL/1305' MSL.

SEBRING, OH

TRI-CITY (3G6)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG-A 17JUN21 (22307) (FAA)

DEPARTURE PROCEDURE:

Rwy 18, climb on heading 181° to 3000 before turning east.

Rwy 36, climb on heading 001° to 3000 before turning east.

TAKEOFF OBSTACLE NOTES:

Rwy 18, trees 146' from DER, 451' right of centerline, 100' AGL/1242' MSL.
Trees beginning 179' from DER, 39' right of centerline, up to 100' AGL/1262' MSL.
Trees, pole beginning 212' from DER, 4' left of centerline, up to 100' AGL/1262' MSL.
Rwy 36, trees beginning 23' from DER, 31' right of centerline, up to 100' AGL/1272' MSL.
Trees beginning 90' from DER, 12' left of centerline, up to 100' AGL/1262' MSL.

SEYMOUR, IN

FREEMAN MUNI (SER)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 1 08SEP22 (22251) (FAA)

DEPARTURE PROCEDURE:

Rwy 5, climb on heading 046° to 1100 before turning left.

Rwy 14, climb on heading 136° to 1100 before turning right.

TAKEOFF OBSTACLE NOTES:

Rwy 5, tree 1624' from DER, 755' left of centerline, 52' AGL/631' MSL.
Tree 1706' from DER, 793' left of centerline, 637' MSL.
Trees beginning 1713' from DER, 524' left of centerline, up to 98' AGL/677' MSL.
Tree 2018' from DER, 757' right of centerline, 51' AGL/631' MSL.
Tree 2088' from DER, 708' right of centerline, 69' AGL/650' MSL.
Tree 2114' from DER, 689' right of centerline, 71' AGL/652' MSL.
Trees beginning 3614' from DER, 1055' left of centerline, up to 685' MSL.
Rwy 14, lighting beginning 10' from DER, 30' left of centerline, up to 2' AGL/572' MSL.
Lighting 40' from DER, 123' right of centerline, 2' AGL/572' MSL.
Lighting 50' from DER, 94' right of centerline, 3' AGL/573' MSL.
Tree 2220' from DER, 271' right of centerline, 642' MSL.
Trees beginning 2287' from DER, 442' right of centerline, up to 656' MSL.
Trees beginning 2347' from DER, 326' right of centerline, up to 662' MSL.
Trees beginning 2376' from DER, 353' right of centerline, up to 666' MSL.
Trees beginning 2426' from DER, 292' right of centerline, up to 670' MSL.
Trees beginning 2517' from DER, 390' right of centerline, up to 672' MSL.
Trees beginning 2611' from DER, 403' right of centerline, up to 673' MSL.
Rwy 23, tree 1906' from DER, 882' left of centerline, 623' MSL.
Tree 2001' from DER, 855' left of centerline, 635' MSL.
Tree 2117' from DER, 729' left of centerline, 643' MSL.
Trees beginning 2241' from DER, 461' left of centerline, up to 644' MSL.
Trees beginning 2400' from DER, 458' left of centerline, up to 652' MSL.
Trees beginning 2437' from DER, 172' left of centerline, up to 658' MSL.
Rwy 32, lighting beginning 10' from DER, 30' left of centerline, up to 2' AGL/585' MSL.
Lighting beginning 10' from DER, 30' right of centerline, up to 2' AGL/585' MSL.
Tree 2340' from DER, 401' left of centerline, 57' AGL/647' MSL.
Trees beginning 2392' from DER, 357' left of centerline, up to 71' AGL/662' MSL.
Trees beginning 2647' from DER, 882' left of centerline, up to 668' MSL.

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TAKEOFF MINIMUMS, (OBSTACLE) DEPARTURE PROCEDURES, AND DIVERSE VECTOR AREA (RADAR VECTORS)

25163

SHELBY, OH

SHELBY COMMUNITY (12G)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 2A 15AUG19 (19227) (FAA)

TAKEOFF MINIMUMS:

Rwys 3, 21, NA-Environmental.

TAKEOFF OBSTACLE NOTES:

Rwy 18, trees beginning 9' from DER, 171' left of centerline, up to 100' AGL/1219' MSL.
Vehicles beginning 24' from DER, 303' left of centerline, up to 15' AGL/1134' MSL.
Trees beginning 338' from DER, 447' right of centerline, up to 100' AGL/1229' MSL.
Transmission line beginning 2127' from DER, 170' left and right of centerline, up to 91' AGL/1200' MSL.
Rwy 36, vehicles beginning 30' from DER, left and right of centerline, up to 17' AGL/1136' MSL.
Buildings beginning 63' from DER, left and right of centerline, up to 53' AGL/1172' MSL.
Trees beginning 561' from DER, 85' left of centerline, up to 100' AGL/1209' MSL.
Grain silos beginning 1799' from DER, 225' right of centerline, up to 100' AGL/1229' MSL.

SHELBYVILLE, IN

SHELBYVILLE MUNI (GEZ)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 5 20OCT11 (11293) (FAA)

TAKEOFF MINIMUMS:

Rwys 9,27, NA-Environmental.

TAKEOFF OBSTACLE NOTES:

Rwy 1, trees 1111' from DER, 753' right of centerline, 69' AGL/869' MSL.
Rwy 19, trees 2180' from DER, 261' right of centerline, 100' AGL/899' MSL.
Trees 2696' from DER, 498'left of centerline, 100' AGL/899' MSL.

SIDNEY, OH

SIDNEY MUNI (SCA)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 3 06FEB14 (14037) (FAA)

TAKEOFF OBSTACLE NOTES:

Rwy 5, trees beginning 1695' from DER, 686' right of centerline, up to 100' AGL/1149' MSL.
Power poles beginning 2125' from DER, crossing centerline, up to 100' AGL/1149' MSL.
Trees beginning 3071' from DER, 402' right of centerline, up to 100' AGL/1149' MSL.
Tree 3247' from DER, 894' left of centerline, 100' AGL/1149' MSL.
Trees beginning 3723' from DER, 208' left of centerline, up to 100' AGL/1149' MSL.
Rwy 10, terrain beginning 26' from DER, 72' right of centerline, up to 1048' MSL.
Terrain beginning 36' from DER, 109' left of centerline, up to 1048' MSL.
Tree 834' from DER, 238' left of centerline, 49' AGL/1100' MSL.
Trees beginning 1060' from DER, 492' right of centerline, up to 100' AGL/1154' MSL.
Trees beginning 3577' from DER, 48' right of centerline, up to 90' AGL/1141' MSL.
Rwy 23, vehicles and aircraft on ramp beginning at DER, 138' left of centerline, up to 15' AGL/1054' MSL.
Trees beginning at DER, 308' left of centerline, up to 100' AGL/1149' MSL.
Vehicles on road beginning 110' from DER, crossing centerline, up to 15' AGL/1054' MSL.
Trees beginning 902' from DER, crossing centerline, up to 100' AGL/1149' MSL.
Rwy 28, sign 5' from DER, 56' left of centerline, 2' AGL/1041' MSL.
Trees beginning 1261' from DER, 405' right of centerline, up to 71' AGL/1102' MSL.
Trees beginning 1658' from DER, crossing centerline, up to 93' AGL/1114' MSL.

SOUTH BEND, IN

SOUTH BEND INTL (SBN)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 9A 14JUL22 (22195) (FAA)

TAKEOFF MINIMUMS:

Rwy 27R, 300-1¼ or std. w/min. climb of 240' per NM to 1100. Or alternatively, with std. takeoff minimums and a normal 200' per NM climb gradient, takeoff must occur no later than 1800' prior to DER.

DEPARTURE PROCEDURE:

Rwy 9R, climb on heading 094° to 2000 before turning south.
Rwy 18, climb on heading 184° to 2000 before turning east.

TAKEOFF OBSTACLE NOTES:

Rwy 9L, fence 23' from DER, 389' left of centerline, 10' AGL/792' MSL.
Trees beginning 29' from DER, 465' left of centerline, up to 36' AGL/820' MSL.
Trees, transmission lines, electrical system beginning 105' from DER, 8' left of centerline, up to 846' MSL.
Trees beginning 1218' from DER, 45' right of centerline, up to 817' MSL.
Tree 1244' from DER, 684' right of centerline, 829' MSL.
Trees beginning 1258' from DER, 66' right of centerline, up to 832' MSL.
Trees beginning 1313' from DER, 92' right of centerline, up to 842' MSL.
Trees beginning 1333' from DER, 65' right of centerline, up to 846' MSL.
Transmission line 3600' from DER, 385' left of centerline, 110' AGL/876' MSL.
CON'T

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TAKEOFF MINIMUMS, (OBSTACLE) DEPARTURE PROCEDURES, AND DIVERSE VECTOR AREA (RADAR VECTORS)

SOUTH BEND, IN (CON'T)

SOUTH BEND INTL (SBN) (CON'T)

Rwy 9R, trees beginning 1727' from DER, 587' left of centerline, up to 816' MSL.
Tree 1756' from DER, 818' left of centerline, 822' MSL.
Rwy 18, terrain 11' from DER, 253' right of centerline, 761' MSL.
Fence, terrain beginning 25' from DER, 348' right of centerline, up to 11' AGL/773' MSL.
Tree, vehicles on road beginning 148' from DER, 415' left of centerline, up to 784' MSL.
Trees, poles beginning 755' from DER, 561' left of centerline, up to 66' AGL/825' MSL.
Pole 842' from DER, 518' right of centerline, 27' AGL/783' MSL.
Trees beginning 1009' from DER, 15' right of centerline, up to 840' MSL.
Trees beginning 1564' from DER, 12' left of centerline, up to 91' AGL/849' MSL.
Trees beginning 2434' from DER, 128' right of centerline, up to 848' MSL.
Trees beginning 2530' from DER, 34' right of centerline, up to 849' MSL.
Trees beginning 2553' from DER, 125' right of centerline, up to 852' MSL.
Trees beginning 2815' from DER, 261' left of centerline, up to 851' MSL.
Rwy 27L, pole 667' from DER, 480' left of centerline, 23' AGL/810' MSL.
Tree 1178' from DER, 615' left of centerline, 861' MSL.
Trees, poles beginning 1184' from DER, 56' left of centerline, up to 875' MSL.
Tree 1215' from DER, 665' right of centerline, 28' AGL/827' MSL.
Trees, vehicles on roads, poles beginning 1485' from DER, 23' left of centerline, up to 888' MSL.
Pole 1647' from DER, 49' right of centerline, 27' AGL/832' MSL.
Tree 1750' from DER, 653' right of centerline, 33' AGL/835' MSL.
Trees beginning 1965' from DER, 18' left of centerline, up to 895' MSL.
Trees beginning 2336' from DER, 125' left of centerline, up to 898' MSL.
Tree 3478' from DER, 213' right of centerline, 877' MSL.
Trees beginning 3512' from DER, 70' right of centerline, up to 888' MSL.
Trees beginning 3611' from DER, 261' left of centerline, up to 900' MSL.
Trees beginning 3768' from DER, 83' right of centerline, up to 905' MSL.
Trees beginning 4238' from DER, 102' right of centerline, up to 914' MSL.
Tree 4748' from DER, 538' left of centerline, 97' AGL/913' MSL.
Tree 4766' from DER, 240' right of centerline, 919' MSL.
Trees beginning 4809' from DER, 265' right of centerline, up to 926' MSL.
Trees beginning 4942' from DER, 479' right of centerline, up to 927' MSL.
Tree 5442' from DER, 658' right of centerline, 935' MSL.
Rwy 27R, tree 66' from DER, 497' right of centerline, 843' MSL.
Tree 137' from DER, 507' right of centerline, 846' MSL.
Trees beginning 206' from DER, 501' right of centerline, up to 79' AGL/849' MSL.
Tree 589' from DER, 579' left of centerline, 803' MSL.
Trees beginning 676' from DER, 10' right of centerline, up to 857' MSL.
Trees beginning 808' from DER, 27' left of centerline, up to 843' MSL.
Trees beginning 1161' from DER, 10' left of centerline, up to 844' MSL.
Trees beginning 1247' from DER, 18' left of centerline, up to 853' MSL.
Trees beginning 1374' from DER, 32' left of centerline, up to 857' MSL.
Trees beginning 1518' from DER, 51' left of centerline, up to 859' MSL.
Trees beginning 1723' from DER, 0' right of centerline, up to 863' MSL.
Trees beginning 1789' from DER, 33' left of centerline, up to 866' MSL.
Trees beginning 2321' from DER, 39' right of centerline, up to 885' MSL.
Trees beginning 2468' from DER, 288' left of centerline, up to 880' MSL.
Trees beginning 3256' from DER, 1138' left of centerline, up to 892' MSL.
Tree 3652' from DER, 1213' right of centerline, 886' MSL.
Tree 4922' from DER, 1742' right of centerline, 913' MSL.
Transmission line 5541' from DER, 1924' right of centerline, 99' AGL/954' MSL.
Tree 5611' from DER, 2003' right of centerline, 941' MSL.
Rwy 36, terrain beginning 58' from DER, 349' left of centerline, up to 801' MSL.
Terrain 97' from DER, 390' left of centerline, 803' MSL.
General utility 123' from DER, 415' left of centerline, 6' AGL/808' MSL.
Tree 1693' from DER, 13' left of centerline, 842' MSL.
Tree 1817' from DER, 15' left of centerline, 844' MSL.
Trees beginning 1835' from DER, 837' right of centerline, up to 850' MSL.
Tree 1953' from DER, 873' right of centerline, 857' MSL.
Tree 1953' from DER, 9' left of centerline, 848' MSL.
Tree 2065' from DER, 6' left of centerline, 852' MSL.
Trees beginning 2068' from DER, 848' right of centerline, up to 865' MSL.
Trees beginning 2338' from DER, 442' left of centerline, up to 868' MSL.

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SPRINGFIELD, OH

SPRINGFIELD/BECKLEY MUNI (SGH)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 05JUN08 (21336) (FAA)

TAKEOFF OBSTACLE NOTES:

Rwy 6, trees beginning 642' from DER, 664' left of centerline, up to 96' AGL/1133' MSL.
Tree 66' from DER, 514' right of centerline, 27' AGL/1064' MSL.
Rwy 15, multiple trees beginning 1357' from DER, 160' left of centerline, up to 86' AGL/1127' MSL.
Tree 1763' from DER, 410' right of centerline, 51' AGL/1092' MSL.
Rwy 24, trees beginning 1387' from DER, 66' left of centerline, up to 58' AGL/1109' MSL.
Windsock 1' from DER, 228' right of centerline, 20' AGL/1071' MSL.
Rwy 33, tree 183' from DER, 438' right of centerline, 24' AGL/1066' MSL.

STEUBENVILLE, OH

GEARY A BATES/JEFFERSON COUNTY AIRPARK (2G2)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 2 10NOV16 (22083) (FAA)

TAKEOFF MINIMUMS:

Rwy 32, 300-1¾ or std. w/min. climb of 280' per NM to 1600.

DEPARTURE PROCEDURE:

Rwy 14, climb on heading 142° to 2100 before turning left.

TAKEOFF OBSTACLE NOTES:

Rwy 14, tree 32' from DER, 500' right of centerline, 73' AGL/1240' MSL.
Tree 58' from DER, 448' right of centerline, 71' AGL/1245' MSL.
Trees beginning 113' from DER, 329' left of centerline, up to 43' AGL/1207' MSL.
Trees, beginning 162' from DER, 210' right of centerline, up to 74' AGL/1251' MSL.
Trees, beginning 196' from DER, 186' left of centerline, up to 60' AGL/1208' MSL.
Trees, beginning 221' from DER, 184' left of centerline, up to 54' AGL/1209' MSL.
Trees, beginning 240' from DER, 24' right of centerline, up to 96' AGL/1258' MSL.
Tree 376' from DER, 513' left of centerline, 96' AGL/1235' MSL.
Rwy 32, tree, bush, beginning 0' from DER, 334' left of centerline, up to 59' AGL/1244' MSL.
Tree, ground, bush, beginning 113' from DER, 392' left of centerline, up to 67' AGL/1246' MSL.
Ant 1.3 NM from DER, 760' left of centerline, 193' AGL/1405' MSL.
Tower 1.3 NM from DER, 764' left of centerline, 199' AGL/1411' MSL.

SULLIVAN, IN

SULLIVAN COUNTY (SIV)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 1 30DEC99 (99364) (FAA)

TAKEOFF MINIMUMS:

Rwys 18, 36, 200-1 or std. with a min. climb of 320' per NM to 1800.

DEPARTURE PROCEDURE:

Rwy 18, climb runway heading to 1500 before turning west on course.
Rwys 18,36, climb runway heading to 1800 before turning east on course.

TELL CITY, IN

PERRY COUNTY MUNI (TEL)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 2 25AUG11 (21112) (FAA)

TAKEOFF OBSTACLE NOTES:

Rwy 13, fence, terrain, buildings, and trees beginning 6' from DER, 131' left of centerline, up to 49' AGL/ 740' MSL.
Terrain, trees, and poles beginning 93' from DER, 19' right of centerline, up to 30' AGL/750' MSL.
Rwy 31, trees, terrain, and pole beginning 125' from DER, 141' left of centerline, up to 25' AGL/702' MSL.
Trees, terrain, and tower beginning 68' from DER, 64' right of centerline, up to 56' AGL/ 648' MSL.

TERRE HAUTE, IN

SKY KING (3I3)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 5A 11AUG22 (22223) (FAA)

TAKEOFF MINIMUMS:

Rwys 18, 36, NA-Environmental.

DEPARTURE PROCEDURE:

Rwy 27, climb heading 268° to 1300 before turning left.

TAKEOFF OBSTACLE NOTES:

Rwy 9, multiple power lines beginning 34' from DER, left and right of centerline, up to 30' AGL/529' MSL.
Vehicle on road beginning 54' from DER, left and right of centerline, up to 15' AGL/519' MSL.
Fence beginning 33' from DER, left and right of centerline, up to 6' AGL/505' MSL.
Multiple buildings beginning 167' from DER, left and right of centerline, up to 60' AGL/589' MSL.
Rwy 27, trees beginning abeam DER, 235' right of centerline, up to 60' AGL/559' MSL.
Trees beginning abeam DER, 382' left of centerline, up to 60' AGL/539' MSL.
Trees beginning 1057' from DER, 47' left of centerline, up to 60' AGL/539' MSL.

TERRE HAUTE, IN (CON'T)

TERRE HAUTE RGNL (HUF)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG-A 26APR18 (18116) (FAA)

TAKEOFF OBSTACLE NOTES:

Rwy 5, terrain beginning 118' from DER, left and right of centerline, 0' AGL/591' MSL.
Floodlight 967' from DER, 673' right of centerline, 32' AGL/621' MSL.
Trees beginning 2019' from DER, 317' left of centerline, up to 100' AGL/689' MSL.
Tree 3340' from DER, 533' right of centerline, 79' AGL/668' MSL.
Rwy 14, trees beginning 1266' from DER, 570' left of centerline, up to 100' AGL/689' MSL.
Trees beginning 1,520' from DER 462' right of centerline, up to 100' AGL/689' MSL.
Power lines 3084' from DER, left and right of centerline, 98' AGL/682' MSL.
Rwy 23, trees beginning 412' from DER, 537' left of centerline, up to 34' AGL/593' MSL.
Tree 1201' from DER, 376' right of centerline, 38' AGL/607' MSL.
Rwy 32, trees and a pole beginning 397' from DER, 308' left of centerline, up to 82' AGL/651' MSL.
Tree 1195' from DER 544' left of centerline, 68' AGL/637' MSL.
Trees beginning 2597' from DER, 340' right of centerline, up to 100' AGL/669' MSL.

TIFFIN, OH

SENECA COUNTY(16G)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 2 02JUL09 (09183) (FAA)

TAKEOFF OBSTACLE NOTES:

Rwy 6, multiple trees and buildings beginning 2' from DER, 186' right of centerline, up to 98' AGL/868' MSL.
Antenna 129' from DER, 438' left of centerline, 66' AGL/836' MSL.
Pole 408' from DER, 477' left of centerline, 39' AGL/809' MSL.
Vehicle on road 501' from DER, 414' left of centerline, 26' AGL/796' MSL.
Trees 2421' from DER, 207' left of centerline, 83' AGL/853' MSL.
Rwy 24, multiple trees beginning 27' from DER, 280' left of centerline, up to 124' AGL/904' MSL.
Building 1291' from DER, 528' left of centerline, 44' AGL/824' MSL.
Multiple trees beginning 1071' from DER, 337' right of centerline, up to 92' AGL/872' MSL.
Pole 1460' from DER, 562' right of centerline, 48' AGL/828' MSL.

TOLEDO, OH

EUGENE F KRANZ TOLEDO EXPRESS (TOL)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 3A 05NOV20 (20310) (FAA)

TAKEOFF OBSTACLE NOTES:

Rwy 7, vehicles on road beginning 246' from DER, 525' right of centerline, up to 10' AGL/671' MSL.
Tree 1339' from DER, 667' left of centerline, 700' MSL.
Trees beginning 1903' from DER, 799' right of centerline, up to 741' MSL.
Tree 2392' from DER, 852' left of centerline, 734' MSL.
Tree 2604' from DER, 1047' left of centerline, 756' MSL.
Rwy 16, terrain 59' from DER, 496' left of centerline, 671' MSL.
Tree 618' from DER, 659' right of centerline, 739' MSL.
Trees beginning 719' from DER, 42' right of centerline, up to 752' MSL.
Tree 985' from DER, 478' left of centerline, 694' MSL.
Tree 1021' from DER, 518' left of centerline, 714' MSL.
Tree 1043' from DER, 571' left of centerline, 730' MSL.
Tree 1139' from DER, 711' left of centerline, 732' MSL.
Tree 1279' from DER, 806' left of centerline, 745' MSL.
Tree 1318' from DER, 689' left of centerline, 753' MSL.
Trees beginning 1388' from DER, 648' left of centerline, up to 757' MSL.
Trees beginning 1491' from DER, 80' left of centerline, up to 758' MSL.
Trees beginning 2607' from DER, 155' right of centerline, up to 765' MSL.
Trees beginning 2704' from DER, 36' right of centerline, up to 767' MSL.
Trees beginning 3029' from DER, 45' right of centerline, up to 786' MSL.
Rwy 25, vegetation 245' from DER, 473' right of centerline, 692' MSL.
Vegetation 485' from DER, 527' right of centerline, 695' MSL.
Tree 2214' from DER, 870' right of centerline, 746' MSL.
Tree 2362' from DER, 907' left of centerline, 780' MSL.
Rwy 34, vehicles on road beginning 247' from DER, 488' left of centerline, up to 10' AGL/689' MSL.
Pole, vehicles on road beginning 445' from DER, 533' left of centerline, up to 38' AGL/713' MSL.
Vehicles on road beginning 574' from DER, 622' right of centerline, up to 10' AGL/689' MSL.
Pole 632' from DER, 539' left of centerline, 38' AGL/714' MSL.
Poles, tree beginning 704' from DER, 522' left of centerline, up to 38' AGL/715' MSL.
Trees, pole beginning 1036' from DER, 411' left of centerline, up to 718' MSL.
Trees beginning 1272' from DER, 156' left of centerline, up to 752' MSL.
Pole 1287' from DER, 699' right of centerline, 36' AGL/711' MSL.
Trees beginning 1826' from DER, 102' right of centerline, up to 760' MSL.
Trees beginning 2489' from DER, 90' left of centerline, up to 761' MSL.
Trees, tower, grain elevator beginning 2726' from DER, 92' left of centerline, up to 780' MSL.
Tree 2912' from DER, 119' right of centerline, 766' MSL.
Trees beginning 2953' from DER, 451' right of centerline, up to 780' MSL.

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TOLEDO, OH (CON'T)

TOLEDO EXEC (TDZ)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 3 21MAY20 (21280) (FAA)

TAKEOFF MINIMUMS:

Rwy 4, std. w/min. climb of 230' per NM to 2500, or 1300-2½ for VCOA.

DEPARTURE PROCEDURE:

Rwy 4, climb on heading 046° to 2100 before turning left.

Rwy 32, climb on heading 321° to 1400 before turning right.

VCOA:

Rwy 4, obtain ATC approval for VCOA when requesting IFR clearance. Climb in visual conditions to cross Toledo Exec airport at or above 1800 before proceeding on course.

TAKEOFF OBSTACLE NOTES:

Rwy 4, electrical system 10' from DER, 26' left of centerline, 3' AGL/621' MSL.
Sign 22' from DER, 168' right of centerline, 3' AGL/622' MSL.
Vehicle on road, pole beginning 284' from DER, 186' right of centerline, up to 646' MSL.
Tree, pole, vehicle on road beginning 372' from DER, 95' right of centerline, up to 655' MSL.
Trees, vehicle on road beginning 403' from DER, 1' right of centerline, up to 660' MSL.
Vehicle on road 489' from DER, 164' left of centerline, 647' MSL.
Trees, vehicle on road beginning 558' from DER, 1' left of centerline, up to 651' MSL.
Trees beginning 639' from DER, 437' right of centerline, up to 679' MSL.
Trees beginning 785' from DER, 412' right of centerline, up to 681' MSL.
Trees, pole beginning 1096' from DER, 162' right of centerline, up to 694' MSL.
Trees beginning 1996' from DER, 50' left of centerline, up to 680' MSL.
Towers beginning 3309' from DER, 1030' left of centerline, up to 761' MSL.
Rwy 14, sign 23' from DER, 248' left of centerline, 3' AGL/622' MSL.
Sign 39' from DER, 467' left of centerline, 4' AGL/623' MSL.
Vehicle on road beginning 137' from DER, 283' right of centerline, up to 638' MSL.
Vehicle on road, signs, pole beginning 169' from DER, 168' left of centerline, up to 15' AGL/638' MSL.
Vehicle on road, poles beginning 478' from DER, 84' left of centerline, up to 639' MSL.
Vehicle on road beginning 487' from DER, 155' right of centerline, up to 639' MSL.
Poles beginning 573' from DER, 143' left of centerline, up to 20' AGL/640' MSL.
Poles beginning 629' from DER, 384' left of centerline, up to 20' AGL/641' MSL.
Pole 685' from DER, 585' left of centerline, 32' AGL/652' MSL.
Poles, buildings beginning 694' from DER, 428' left of centerline, up to 35' AGL/654' MSL.
Sign 739' from DER, 6' right of centerline, 22' AGL/644' MSL.
Building 996' from DER, 672' left of centerline, 657' MSL.
Poles, building beginning 1043' from DER, 305' left of centerline, up to 45' AGL/664' MSL.
Pole beginning 1285' from DER, 565' left of centerline, up to 47' AGL/667' MSL.
Pole 1419' from DER, 252' right of centerline, 38' AGL/658' MSL.
Pole 1487' from DER, 328' right of centerline, 40' AGL/661' MSL.
Trees beginning 1712' from DER, 72' left of centerline, up to 689' MSL.
Rwy 22, electrical system 10' from DER, 26' left of centerline, 2' AGL/623' MSL.
Electrical system 45' from DER, 299' left of centerline, 4' AGL/624' MSL.
Fence 112' from DER, 311' left of centerline, 7' AGL/627' MSL.
Fence 207' from DER, 298' left of centerline, 9' AGL/629' MSL.
Pole 251' from DER, 467' left of centerline, 35' AGL/655' MSL.
Poles, vehicle on road, tree beginning 251' from DER, 108' left of centerline, up to 40' AGL/660' MSL.
Vehicle on road 568' from DER, 2' right of centerline, 637' MSL.
Poles, transmission line, vehicle on road, tree beginning 582' from DER, 246' right of centerline, up to 48' AGL/671' MSL.
Trees, vehicle on road, sign, poles, transmission lines, fence, bridge beginning 595' from DER, 23' left of centerline, up to 684' MSL.
Tower, transmission line beginning 797' from DER, 307' right of centerline, up to 101' AGL/726' MSL.
Tower, vehicle on road, poles, trees, transmission line beginning 807' from DER, 32' right of centerline, up to 98' AGL/727' MSL.
Tree 2062' from DER, 524' left of centerline, 685' MSL.
Trees beginning 2130' from DER, 589' left of centerline, up to 692' MSL.
Tree 2534' from DER, 1053' left of centerline, 75' AGL/697' MSL.
Rwy 32, fence beginning 43' from DER, 424' left of centerline, up to 7' AGL/626' MSL.
Tree 177' from DER, 521' left of centerline, 648' MSL.
Tree, poles, vehicle on road beginning 242' from DER, 346' left of centerline, up to 662' MSL.
Poles, vehicle on road, trees beginning 556' from DER, 18' left of centerline, up to 40' AGL/681' MSL.
Tree 683' from DER, 373' right of centerline, 640' MSL.
Pole 1042' from DER, 79' right of centerline, 659' MSL.
Transmission line 1092' from DER, 193' right of centerline, 46' AGL/665' MSL.
Pole 1206' from DER, 29' right of centerline, 43' AGL/666' MSL.
Transmission line, poles beginning 1271' from DER, 62' right of centerline, up to 55' AGL/674' MSL.
Transmission lines 1605' from DER, 559' right of centerline, 61' AGL/680' MSL.
Transmission line 1676' from DER, 559' right of centerline, 61' AGL/682' MSL.
Pole, transmission line beginning 1679' from DER, 559' right of centerline, up to 71' AGL/691' MSL.
Poles, transmission lines beginning 1781' from DER, 639' right of centerline, up to 74' AGL/692' MSL.
Trees beginning 1998' from DER, 144' left of centerline, up to 693' MSL.
Pole, tower beginning 2903' from DER, 1189' right of centerline, up to 716' MSL.
Transmission line 3372' from DER, 478' right of centerline, 139' AGL/755' MSL.

UPPER SANDUSKY, OH

WYANDOT COUNTY (56D)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 15MAY80 (80150) (FAA)

TAKEOFF MINIMUMS:

Rwy 36, 300-1.

URBANA, OH

GRIMES FLD (I74)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 1A 03NOV22 (22307) (FAA)

TAKEOFF MINIMUMS:

Rwys 1, 19, NA-Environmental.

TAKEOFF OBSTACLE NOTES:

Rwy 2, numerous trees beginning 995' from DER, 6' left of centerline, up to 100' AGL/1152' MSL.
Numerous trees beginning from 2106' from DER, 327' right of centerline, up to 100' AGL/1140' MSL.
Numerous power poles 1204' from DER, 654' right of centerline, 55' AGL/1125' MSL.
Rwy 20, numerous trees beginning 5' from DER, 487' left of centerline, up to 100' AGL/1111' MSL.
Tank 5459' from DER, 1062' left of centerline, 170' AGL/1195' MSL.
Numerous trees beginning 672' from DER, 92' right of centerline, up to 100' AGL/1120' MSL.

VALPARAISO, IN

PORTER COUNTY RGNL (VPZ)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 14FEB08 (08045) (FAA)

TAKEOFF OBSTACLE NOTES:

Rwy 9, tree 51' from DER, 350' right of centerline, 100' AGL/874' MSL.
Tree 1219' from DER, 775' left of centerline, 57' AGL/807' MSL.
Rwy 18, tower and multiple trees beginning 140' from DER, 157' right of centerline, up to 100' AGL/865' MSL.
Trees 143' from DER, 71' left of centerline, 100' AGL/865' MSL.
Rwy 27, multiple trees, 1038' from DER, 308' left of centerline, up to 68' AGL/828' MSL.
Sign, 1847' from DER, 263' right of centerline, 49' AGL/817' MSL.
Rwy 36, trees 105' from DER, 99' right of centerline, 100' AGL/895' MSL
Trees 108' from DER, 129' left of centerline, 100' AGL/874' MSL.

VAN WERT, OH

VAN WERT COUNTY (VNW)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 3 15JAN09 (09015) (FAA)

TAKEOFF MINIMUMS:

Rwy 9, 300-1¼ or std. w/ min. climb of 306' per NM to 1100.
Rwys 18, 36, NA-Environmental.

TAKEOFF OBSTACLE NOTES:

Rwy 9, tower 6084' from DER, 1963' left of centerline, 170' AGL/955' MSL.

VERSAILLES, OH

DARKE COUNTY (VES)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 3 08NOV18 (18312) (FAA)

TAKEOFF OBSTACLE NOTES:

Rwy 9, pole 20' from DER, 83' left of centerline, 1006' MSL.
Pole 20' from DER, 81' right of centerline, 1005' MSL.
Tree, antenna, pole, buildings beginning 169' from DER, 357' left of centerline, up to 44' AGL/1045' MSL.
Tree, vehicles on road, buildings beginning 237' from DER, 131' left of centerline, up to 1053' MSL.
Tree, vehicles on road beginning 366' from DER, 15' left of centerline, up to 1072' MSL.
Vehicles on road beginning 410' from DER, left and right of centerline, up to 1017' MSL.
Trees beginning 835' from DER, 688' right of centerline, up to 1086' MSL.
Tree 1066' from DER, 696' right of centerline, 1095' MSL.
Trees beginning 1149' from DER, 472' right of centerline, up to 1101' MSL.
Trees beginning 1341' from DER, 295' right of centerline, up to 1108' MSL.
Trees beginning 1445' from DER, 235' right of centerline, up to 1112' MSL.
Rwy 27, pole 121' from DER, 356' left of centerline, 1028' MSL.
Pole, tree beginning 121' from DER, 447' right of centerline, up to 1037' MSL.
Trees beginning 982' from DER, 503' right of centerline, up to 1043' MSL.
Tree 1404' from DER, 162' left of centerline, 1052' MSL.
Tree 1461' from DER, 64' right of centerline, 1051' MSL.
Trees beginning 1722' from DER, 328' left of centerline, up to 1065' MSL.
Tree 1923' from DER, 353' left of centerline, 1067' MSL.
Trees beginning 2062' from DER, 741' left of centerline, up to 1076' MSL.

EC-2, 12 JUN 2025 to 07 AUG 2025

TAKEOFF MINIMUMS, (OBSTACLE) DEPARTURE PROCEDURES, AND DIVERSE VECTOR AREA (RADAR VECTORS)

25163

WABASH, IN

WABASH MUNI (IWH)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 10DEC15 (15344) (FAA)

TAKEOFF OBSTACLE NOTES:

Rwy 9, trees beginning 194' from DER, left and right of centerline, up to 110' AGL/910' MSL.
Rwy 18, trees beginning 310' from DER, 128' left of centerline, up to 83' AGL/873' MSL.
Rwy 27, poles and power line beginning 484' from DER, left and right of centerline, up to 44' AGL/840' MSL.
Vehicles on road beginning 502' from DER, left and right of centerline, up to 15' AGL/813' MSL.
Tree 517' from DER, 618' left of centerline, 77' AGL/871' MSL.
Trees beginning 624' from DER, left and right of centerline, up to 64' AGL/855' MSL.
Poles and power line beginning 1613' from DER, left and right of centerline, up to 48' AGL/853' MSL.
Rwy 36, buildings beginning 31' from DER, 272' left of centerline, up to 25' AGL/815' MSL.
Trees beginning 459' from DER, left and right of centerline, up to 70' AGL/876' MSL.
Vehicles on road 469' from DER, left and right of centerline, up to 15' AGL/804' MSL.

WADSWORTH, OH

WADSWORTH MUNI (3G3)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 2 08NOV18 (18312) (FAA)

TAKEOFF MINIMUMS:

Rwy 2, 400-2¼ w/min. climb of 280' per NM to 1900 or std. w/min. climb of 445' per NM to 1500 or 1100-3 for VCOA.
Rwy 10, 700-3 or std. w/min. climb of 760' per NM to 1500.
Rwy 20, 300-1⅝ or std. w/min. climb of 380' per NM to 1300.
Rwy 28, 400-2¾ or std. w/min. climb of 475' per NM to 1400.

DEPARTURE PROCEDURE:

Rwy 10, climb heading 097° to 1700 before proceeding on course.
Rwy 28, climb heading 277° to 1500 before turning right.

VCOA:

Rwy 2, obtain ATC approval for VCOA when requesting IFR clearance. Climb in visual conditions to cross Wadsworth Muni Airport at or above 1900 before proceeding on course.

TAKEOFF OBSTACLE NOTES:

Rwy 2, fence 9' from DER, 268' right of centerline, up to 6' AGL/979' MSL.
Vehicles on road beginning 90' from DER, 368' right of centerline, up to 1001' MSL.
Tree 98' from DER, 197' left of centerline, 1011' MSL.
Trees, vehicles on road, building, power poles beginning 393' from DER, 193' right of centerline, up to 100' AGL/1079' MSL.
Tree, power poles beginning 1220' from DER, 342' left of centerline, up to 100' AGL/1079' MSL.
Tree 1626' from DER, 915' right of centerline, 100' AGL/1109' MSL.
Tree 1852' from DER, 986' right of centerline, 100' AGL/1119' MSL.
Tree 2796' from DER, 1245' right of centerline, 100' AGL/1129' MSL.
Tree 3167' from DER, 1337' right of centerline, 100' AGL/1139' MSL.
Tree 3461' from DER, 1401' right of centerline, 100' AGL/1149' MSL.
Tree 3800' from DER, 1488' right of centerline, 100' AGL/1159' MSL.
Tree 4451' from DER, 1684' right of centerline, 100' AGL/1169' MSL.
Trees beginning 4895' from DER, 1351' right of centerline, up to 100' AGL/1179' MSL.
Tree 5592' from DER, 1977' right of centerline, 100' AGL/1189' MSL.
Tree 5763' from DER, 2016' right of centerline, 100' AGL/1199' MSL.
Trees beginning 5999' from DER, 1592' right of centerline, up to 100' AGL/1209' MSL.
Tree 1.1 NM from DER, 2323' right of centerline, 100' AGL/1219' MSL.
Tree 1.1 NM from DER, 2363' right of centerline, 100' AGL/1229' MSL.
Tree 1.1 NM from DER, 2384' right of centerline, 100' AGL/1239' MSL.
Tree 1.2 NM from DER, 2540' right of centerline, 100' AGL/1249' MSL.
Tree 1.4 NM from DER, 2776' right of centerline, 100' AGL/1259' MSL.
Tree 1.4 NM from DER, 545' left of centerline, 100' AGL/1259' MSL.
Tree 1.4 NM from DER, 2911' right of centerline, 100' AGL/1269' MSL.
Tree 1.5 NM from DER, 2963' right of centerline, 100'AGL/1279' MSL.
Tree 1.5 NM from DER, 614' left of centerline, 100' AGL/1269' MSL.
Tree 1.6 NM from DER, 1988' left of centerline, 100' AGL/1279' MSL.
Tower, tree, tank beginning 1.6 NM from DER, 2010' left of centerline, up to 211' AGL/1368' MSL.
Tree 1.7 NM from DER, 3304' right of centerline, 100' AGL/1289' MSL.
Tree 1.8 NM from DER, 2997' right of centerline, 100' AGL/1299' MSL.
Tree beginning 1.9 NM from DER, 3077' right of centerline, up to 100' AGL/1309' MSL.
Tree 2.4 NM from DER, 4211' right of centerline, 100' AGL/1379' MSL.
Rwy 10, trees beginning 197' from DER, 284' right of centerline, up to 991' MSL.
Tree 254' from DER, 489' right of centerline, 993' MSL.
Trees, vehicles on road beginning 298' from DER, 366' right of centerline, up to 996' MSL.
Trees, vehicles on road beginning 412' from DER, 114' right of centerline, up to 100' AGL/1089' MSL.
Vehicles on road 421' from DER, 445' left of centerline, 1000' MSL.
Vehicles on road beginning 428' from DER, 2' left of centerline, up to 1001' MSL.
Tree 866' from DER, 53' left of centerline, 100' AGL/1087' MSL.
Tree 905' from DER, 719' right of centerline, 100' AGL/1099' MSL.
Tree 1161' from DER, 390' left of centerline, 100' AGL/1109' MSL.
Trees beginning 1241' from DER, 718' left of centerline, up to 100' AGL/1119' MSL.
Trees beginning 1253' from DER, 90' right of centerline, up to 100' AGL/1109' MSL.
CON'T

TAKEOFF MINIMUMS, (OBSTACLE) DEPARTURE PROCEDURES, AND DIVERSE VECTOR AREA (RADAR VECTORS)

EC-2, 12 JUN 2025 to 07 AUG 2025

WADSWORTH, OH (CON'T)

WADSWORTH MUNI (3G3) (CON'T)

Rwy 10 (CON'T), trees beginning 1654' from DER, 637' right of centerline, up to 100' AGL/1129' MSL.
Trees beginning 1985' from DER, 628' right of centerline, up to 100' AGL/1139' MSL.
Tree 2355' from DER, 567' right of centerline, 100' AGL/1149' MSL.
Trees beginning 2422' from DER, 869' right of centerline, up to 100' AGL/1169' MSL.
Trees beginning 2516' from DER, 610' right of centerline, up to 100' AGL/1189' MSL.
Trees beginning 3033' from DER, 998' right of centerline, up to 100' AGL/1219' MSL.
Tree 4103' from DER, 1592' right of centerline, 100' AGL/1239' MSL.
Building 5022' from DER, 1164' left of centerline, 31' AGL/1123' MSL.
Tree 1 NM from DER, 1236' left of centerline, 100' AGL/1239' MSL.
Tree 1 NM from DER, 1310' left of centerline, 100' AGL/1249' MSL.
Tree 1 NM from DER,1494' left of centerline, 100' AGL/1259' MSL.
Tree 1 NM from DER, 1656' left of centerline, 100' AGL/1269' MSL.
Tree 1.1 NM from DER, 1767' left of centerline, 100' AGL/1279' MSL.
Tree 1.1 NM from DER, 1840' left of centerline, 100' AGL/1289' MSL.
Tree 1.1 NM from DER, 1958' left of centerline, 100' AGL/1299' MSL.
Trees beginning 1.1 NM from DER, 2252' left of centerline, up to 100' AGL/1309' MSL.
Trees 1.4 NM from DER, 2522' left of centerline, 100' AGL/1319' MSL.
Tree 1.9 NM from DER, 3653' left of centerline, 100' AGL/1359' MSL.
Tree 2.1 NM from DER, 3881' left of centerline, 100' AGL/1369' MSL.
Tower 2.3 NM from DER, 2131' left of centerline, 416' AGL/1581' MSL.
Tower 2.3 NM from DER, 2131' left of centerline, 416' AGL/1581' MSL.
Rwy 20, tree 27' from DER, 216' left of centerline, 991' MSL.
Vehicles on road 28' from DER, 320' right of centerline, 976' MSL.
Trees, vehicles on road, beginning 38' from DER, 303' left of centerline, up to 1034' MSL.
Trees, vehicles on road, beginning 349' from DER, 81' left of centerline, up to 1067' MSL.
Vehicles on road beginning 417' from DER, 22' right of centerline, up to 982' MSL.
Trees, vehicles on road beginning 707' from DER, on and left of centerline, up to 1072' MSL.
Tree 4551' from DER, 156' left of centerline, 1086' MSL.
Tree 4602' from DER, 58' right of centerline, 1092' MSL.
Trees beginning 4627' from DER, 556' left of centerline, 1095' MSL.
Tree 4692' from DER, 478' from centerline, 1101' MSL.
Tree 4709' from DER, 1737' left of centerline, 100' AGL/1179' MSL.
Trees beginning 4767' from DER, 6' left of centerline, up to 100' AGL/1189' MSL.
Tree 1.2 NM from DER, 2431' left of centerline, 100' AGL/1179' MSL.
Rwy 28, building 172' from DER, 429' right of centerline, up to 26' AGL/991' MSL.
Tree 1035' from DER, 434' left of centerline, 100' AGL/1069' MSL.
Trees beginning 1265' from DER, 197' left of centerline, up to 100' AGL/1079' MSL.
Tree 3301' from DER, 66' right of centerline, 100' AGL/1089' MSL.
Tree 3401' from DER, 101' right of centerline, 100' AGL/1099' MSL.
Tree 3531' from DER, 108' right of centerline, 100' AGL/1109' MSL.
Tree 3643' from DER, 111' right of centerline, 100' AGL/1119' MSL.
Tree 3746' from DER, 127' right of centerline, 100' AGL/1129' MSL.
Tree 3838' from DER, 162' right of centerline, 100' AGL/1139' MSL.
Tree 3909' from DER, 176' right of centerline, 100' AGL/1149' MSL.
Tree 3987' from DER, 176' right of centerline, 100' AGL/1159' MSL.
Tree 4058' from DER, 211' right of centerline, 100' AGL/1169' MSL.
Tree 4150' from DER, 204' right of centerline, 100' AGL/1179' MSL.
Tree 4185' from DER, 210' right of centerline, 100' AGL/1189' MSL.
Tree 4249' from DER, 224' right of centerline, 100' AGL/1199' MSL.
Trees beginning 4297' from DER, 71' left of centerline, up to 100' AGL/1209' MSL.
Tree 4468' from DER, 125' right of centerline, 100' AGL/1219' MSL.
Tree 4575' from DER, 322' right of centerline, 100' AGL/1229' MSL.
Tree 4780' from DER, 364' right of centerline, 100' AGL/1239' MSL.
Tree 4865' from DER, 335' right of centerline, 100' AGL/1249' MSL.
Trees beginning 5125' from DER, 299' right of centerline, up to 100' AGL/1259' MSL.
Trees beginning 5329' from DER, 797' right of centerline, up to 100' AGL/1269' MSL.
Tree 5693' from DER, 1171' right of centerline, 100' AGL/1279' MSL.
Trees beginning 5693' from DER, 1171' right of centerline, up to 100' AGL/1279' MSL.
Trees beginning 1.5 NM from DER, 974' right of centerline, up to 100' AGL/1299' MSL.
Tree 1.6 NM from DER, 2779' left of centerline, 100' AGL/1269' MSL.
Tree 2.1 NM from DER, 3933' right of centerline, 100' AGL/1299' MSL.

EC-2, 12 JUN 2025 to 07 AUG 2025

TAKEOFF MINIMUMS, (OBSTACLE) DEPARTURE PROCEDURES, AND DIVERSE VECTOR AREA (RADAR VECTORS)

25163

WAPAKONETA, OH

NEIL ARMSTRONG (AXV)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 2 31JUL08 (08213) (FAA)

TAKEOFF OBSTACLE NOTES:

Rwy 8, vehicle on road, 1' from DER, 403' right of centerline, 15' AGL/926' MSL.
Fence 70' from DER, 222' right of centerline, 6' AGL/919' MSL.
Fence 149' from DER, 270' left of centerline, 8' AGL/921' MSL.
Obstruction light on pole, 348' from DER, 239' left of centerline, 15' AGL/928' MSL.
Building, 614' from DER, 463' left of centerline, 15' AGL/929' MSL.
Trees beginning 2385' from DER, 51' left of centerline, up to 101' AGL/1014' MSL.
Trees beginning 2263' from DER, 268' right of centerline, up to 75' AGL/988' MSL.
Rwy 26, obstruction light on DME, 401' from DER, 268' right of centerline, 9' AGL/922' MSL.
Trees beginning 496' from DER, 51' right of centerline, up to 83' AGL/996' MSL.
Trees beginning 563' from DER, 120' left of centerline, up to 72' AGL/985' MSL.
Pole 620' from DER, 332' left of centerline, 25' AGL/938' MSL.
Stack, 3021' from DER, 577' left of centerline, 125' AGL/1035' MSL.
Tower, 3265' from DER, 729' right of centerline, 149' AGL/1050' MSL.

WARSAW, IN

WARSAW MUNI (ASW)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 3 30JAN20 (20030) (FAA)

TAKEOFF MINIMUMS:

Rwy 9, 300-1⅛ or std. w/min. climb of 266' per NM to 1100, 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 9, fence beginning 148' from DER, 476' left of centerline, up to 5' AGL/856' MSL.
Vehicle on road beginning 181' from DER, 22' right of centerline, up to 865' MSL.
Vehicle on road 183' from DER, 264' left of centerline, 865' MSL.
Vehicle on road beginning 184' from DER, 404' left of centerline, up to 866' MSL.
Trees beginning 835' from DER, 447' right of centerline, up to 65' AGL/914' MSL.
Trees beginning 1258' from DER, 755' left of centerline, up to 50' AGL/888' MSL.
Tree 1283' from DER, 763' left of centerline, 52' AGL/890' MSL.
Trees beginning 1287' from DER, 524' left of centerline, up to 58' AGL/897' MSL.
Trees beginning 1367' from DER, 476' left of centerline, up to 61' AGL/898' MSL.
Trees beginning 1472' from DER, 72' right of centerline, up to 77' AGL/928' MSL.
Trees beginning 1529' from DER, 176' left of centerline, up to 66' AGL/908' MSL.
Trees beginning 1701' from DER, 824' right of centerline, up to 91' AGL/944' MSL.
Trees beginning 2231' from DER, 841' right of centerline, up to 99' AGL/949' MSL.
Tree 2497' from DER, 969' left of centerline, 69' AGL/913' MSL.
Transmission line 4888' from DER, 1104' left of centerline, 167' AGL/1012' MSL.
Transmission line 5638' from DER, 106' left of centerline, 173' AGL/1018' MSL.
Tower 5639' from DER, 106' left of centerline, 172' AGL/1020' MSL.
Catenary 5730' from DER, 3' right of centerline, 169' AGL/1014' MSL.
Rwy 18, terrain 6' from DER, 193' left of centerline, 837' MSL.
Poles beginning 712' from DER, 360' left of centerline, up to 47' AGL/880' MSL.
Poles, tree beginning 744' from DER, 150' right of centerline, up to 33' AGL/866' MSL.
Trees beginning 832' from DER, 572' left of centerline, up to 63' AGL/896' MSL.
Trees beginning 932' from DER, 17' left of centerline, up to 75' AGL/905' MSL.
Trees beginning 1041' from DER, 172' right of centerline, up to 40' AGL/870' MSL.
Trees beginning 1267' from DER, 115' right of centerline, up to 86' AGL/905' MSL.
Trees beginning 1846' from DER, 305' right of centerline, up to 103' AGL/917' MSL.
Rwy 27, tree 1341' from DER, 650' right of centerline, 41' AGL/872' MSL.
Pole 1715' from DER, 387' left of centerline, 60' AGL/883' MSL.
Pole 1717' from DER, 462' right of centerline, 57' AGL/884' MSL.
Rwy 36, building 199' from DER, 528' left of centerline, 15' AGL/849' MSL.
Pole 313' from DER, 537' left of centerline, 43' AGL/877' MSL.
Tree 366' from DER, 520' left of centerline, 59' AGL/893' MSL.
Trees, poles, vehicle on road beginning 448' from DER, 237' left of centerline, up to 77' AGL/910' MSL.
Pole, vehicle on road beginning 483' from DER, 5' right of centerline, up to 27' AGL/864' MSL.
Pole 524' from DER, 544' right of centerline, 29' AGL/866' MSL.
Tree 560' from DER, 507' right of centerline, 51' AGL/887' MSL.
Trees, buildings, pole beginning 568' from DER, 404' right of centerline, up to 56' AGL/891' MSL.
Trees beginning 1666' from DER, 643' right of centerline, up to 87' AGL/916' MSL.
Trees beginning 1766' from DER, 519' right of centerline, up to 91' AGL/919' MSL.
Trees beginning 1783' from DER, 357' left of centerline, up to 105' AGL/928' MSL.
Trees beginning 1952' from DER, 380' left of centerline, up to 108' AGL/929' MSL.
Trees beginning 2148' from DER, on centerline, up to 109' AGL/932' MSL.
Trees beginning 2740' from DER, 183' right of centerline, up to 103' AGL/925' MSL.
Trees beginning 2857' from DER, 165' right of centerline, up to 125' AGL/945' MSL.
Trees beginning 3244' from DER, 148' left of centerline, up to 106' AGL/934' MSL.
Trees beginning 3309' from DER, 11' left of centerline, up to 107' AGL/936' MSL.

EC-2, 12 JUN 2025 to 07 AUG 2025

WASHINGTON, IN

DAVIESS COUNTY (DCY)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 1 10AUG23 (23222) (FAA)

TAKEOFF MINIMUMS:

Rwys 9, 27, NA-Environmental.

Rwy 18, 300-2 or std w/min climb of 295'/NM to 700.

TAKEOFF OBSTACLE NOTES:

Rwy 18, vegetation beginning 7' from DER, 158' left of centerline, up to 5' AGL/471' MSL.
Vegetation beginning 20' from DER, 135' left of centerline, up to 7' AGL/472' MSL.
Terrain 34' from DER, 391' right of centerline, 468' MSL.
NAVAID, terrain beginning 39' from DER, 113' right of centerline, up to 2' AGL/469' MSL.
Tree, vegetation beginning 66' from DER, 95' left of centerline, up to 473' MSL.
Vegetation 83' from DER, 99' left of centerline, 9' AGL/474' MSL.
Vehicles on road beginning 148' from DER, 511' right of centerline, up to 485' MSL.
Vehicles on road beginning 574' from DER, 496' right of centerline, up to 486' MSL.
Trees beginning 1037' from DER, 246' left of centerline, up to 526' MSL.
Tree 1526' from DER, 152' left of centerline, 542' MSL.
Tree 1957' from DER, 223' right of centerline, 538' MSL
Trees beginning 2629' from DER, 265' right of centerline, up to 575' MSL.
Silo 4155' from DER, 126' left of centerline, 110' AGL/611' MSL.
Silo, tanks, elevator beginning 4156' from DER, 17' left of centerline, up to 115' AGL/615' MSL.
Elevator 4221' from DER, 9' left of centerline, 121' AGL/621' MSL.
Tree 1.5 nm from DER, 2975' right of centerline, 710' MSL.
Rwy 36, poles beginning 651' from DER, 373' right of centerline, up to 482' MSL.
Tree 2749' from DER, 1110' left of centerline, 545' MSL.
Trees beginning 2813' from DER, 1113' left of centerline, up to 552' MSL.
Trees beginning 2926' from DER, 1148' left of centerline, up to 562' MSL.
Trees beginning 3051' from DER, 880' left of centerline, up to 563' MSL.
Trees beginning 3430' from DER, 1' left of centerline, up to 569' MSL.
Tree 3833' from DER, 17' right of centerline, 554' MSL.
Tree 4069' from DER, 75' right of centerline, 559' MSL.

WASHINGTON COURT HOUSE, OH

FAYETTE COUNTY (I23)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 2 20DEC07 (07354) (FAA)

TAKEOFF MINIMUMS:

Rwy 5, 300-1¾ or std. w/ min. climb of 268' per NM to 1400.

TAKEOFF OBSTACLE NOTES:

Rwy 5, train on railroad tracks 384' from DER, 243' right of centerline, 23' AGL/997' MSL.
Terrain 81' from DER, 184' left of centerline, 0' AGL/978' MSL.
Silo 8848' from DER, 772' right of centerline, 238' AGL/1213' MSL.
Rwy 23, train on railroad tracks 509' from DER, 257' left of centerline, 23' AGL/1003' MSL.

WAUSEON, OH

FULTON COUNTY (USE)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 1A 17AUG17 (17229) (FAA)

TAKEOFF MINIMUMS:

Rwys 18, 36, NA - Environmental.

Rwys 9, 27, 300-1.

TAKEOFF OBSTACLE NOTES:

Rwy 9, antenna, building beginning 1137' from DER, 637' left of centerline, up to 808' MSL.
Trees beginning 1309' from DER, 414' right of centerline, up to 840' MSL.
Trees beginning 1371' from DER, 562' right of centerline, up to 80' AGL/848' MSL.
Tree 1455' from DER, 543' right of centerline, 83' AGL/850' MSL.
Trees beginning 1569' from DER, 635' right of centerline, up to 90' AGL/854' MSL.
Trees beginning 2161' from DER, 4' left of centerline, up to 111' AGL/876' MSL.
Rwy 27, building 11' from DER, 460' left of centerline, 799' MSL.
Pole 26' from DER, 487' left of centerline, 808' MSL.
Antenna, building, road, tree, flagpole, tk, pole beginning 88' from DER, 47' left of centerline, up to 45' AGL/824' MSL.
Trees beginning 3976' from DER, 170' left of centerline, up to 889' MSL.

EC-2, 12 JUN 2025 to 07 AUG 2025

TAKEOFF MINIMUMS, (OBSTACLE) DEPARTURE PROCEDURES, AND DIVERSE VECTOR AREA (RADAR VECTORS)

25163

WAVERLY, OH

PIKE COUNTY (EOP)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 2 12JUN25 (25163) (FAA)

DEPARTURE PROCEDURE:

Rwy 7, climb on heading 068° to 1500 before turning left.

TAKEOFF OBSTACLE NOTES:

Rwy 7, fence, light pole beginning 1' from DER, 75' right of centerline, up to 668' MSL.
Light pole 39' from DER, 78' left of centerline, 663' MSL.
Fence 88' from DER, 462' left of centerline, 670' MSL.
Tree 95' from DER, 487' right of centerline, 24' AGL/679' MSL.
Fence 198' from DER, 462' left of centerline, 671' MSL.
Tree 237' from DER, 516' left of centerline, 701' MSL.
Tree 368' from DER, 506' left of centerline, 715' MSL.
Trees, buildings beginning 435' from DER, 286' right of centerline, up to 732' MSL.
Trees beginning 566' from DER, 332' left of centerline, up to 721' MSL.
Trees beginning 641' from DER, 568' left of centerline, up to 741' MSL.
Trees beginning 965' from DER, 382' left of centerline, up to 751' MSL.
Trees beginning 2400' from DER, 1048' right of centerline, up to 734' MSL.
Tree 2650' from DER, 1202' right of centerline, 736' MSL.
Tree 2923' from DER, 494' left of centerline, 752' MSL.
Rwy 25, light pole 39' from DER, 79' left of centerline, 662' MSL.
Light pole 40' from DER, 78' right of centerline, 662' MSL.
Antenna 56' from DER, 474' left of centerline, 699' MSL.
Trees, vehicles on road beginning 80' from DER, 372' right of centerline, up to 67' AGL/722' MSL.
Tree 150' from DER, 265' right of centerline, 80' AGL/737' MSL.
Light pole, antenna, fence, poles, vehicle on road, trees beginning 154' from DER, 97' left of centerline, up to 46' AGL/705' MSL.
Trees, vehicle on road, pole beginning 191' from DER, 1' right of centerline, up to 86' AGL/739' MSL.
Tree 930' from DER, 590' left of centerline, 710' MSL.
Trees beginning 989' from DER, 363' left of centerline, up to 711' MSL.
Trees beginning 1133' from DER, 319' left of centerline, up to 714' MSL.
Trees beginning 1317' from DER, 367' left of centerline, up to 728' MSL.
Trees beginning 1548' from DER, 202' left of centerline, up to 729' MSL.
Trees beginning 1670' from DER, 75' left of centerline, up to 734' MSL.
Trees beginning 1795' from DER, 233' left of centerline, up to 737' MSL.
Trees beginning 2201' from DER, 134' left of centerline, up to 746' MSL.
Trees beginning 2310' from DER, 210' left of centerline, up to 757' MSL.
Trees beginning 2582' from DER, 343' left of centerline, up to 758' MSL.
Trees beginning 2783' from DER, 498' left of centerline, up to 760' MSL.
Trees beginning 2859' from DER, 384' left of centerline, up to 766' MSL.
Trees beginning 2955' from DER, 475' left of centerline, up to 115' AGL/769' MSL.

WEST UNION, OH

ALEXANDER SALAMON (AMT)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 2 16MAY24 (24137) (FAA)

TAKEOFF MINIMUMS:

Rwy 5, 300-1½ or std w/min climb of 462'/NM to 1200.
Rwy 23, 300-2¼.

DEPARTURE PROCEDURE:

Rwy 23, climb on heading 229° to 1400 before turning right.

TAKEOFF OBSTACLE NOTES:

Rwy 5, trees beginning 120' from DER, 36' right of centerline, up to 100' AGL/996' MSL.
Trees beginning 166' from DER, 10' left of centerline, up to 100' AGL/999' MSL.
Tree 1741' from DER, 775' left of centerline, 100' AGL/1003' MSL.
Tree 1817' from DER, 156' right of centerline, 100' AGL/1003' MSL.
Tree 1863' from DER, 226' left of centerline, 100' AGL/1006' MSL.
Trees beginning 1909' from DER, 608' left of centerline, up to 100' AGL/1009' MSL.
Trees beginning 1940' from DER, 323' right of centerline, up to 100' AGL/1013' MSL.
Tree 2031' from DER, 58' left of centerline, 100' AGL/1013' MSL.
Trees beginning 2077' from DER, 441' left of centerline, up to 100' AGL/1019' MSL.
Tree 2108' from DER, 873' right of centerline, 100' AGL/1016' MSL.
Trees beginning 2154' from DER, 108' right of centerline, up to 100' AGL/1019' MSL.
Trees beginning 2245' from DER, 106' left of centerline, up to 100' AGL/1022' MSL.
Trees beginning 2322' from DER, 276' right of centerline, up to 100' AGL/1026' MSL.
Trees beginning 2459' from DER, 489' left of centerline, up to 100' AGL/1029' MSL.
Trees beginning 2536' from DER, 60' right of centerline, up to 100' AGL/1029' MSL.
Trees beginning 2628' from DER, 321' left of centerline, up to 100' AGL/1036' MSL.
Trees beginning 2750' from DER, 228' right of centerline, up to 100' AGL/1032' MSL.
Trees beginning 2796' from DER, 154' left of centerline, up to 100' AGL/1039' MSL.
Tree 2918' from DER, 395' right of centerline, 100' AGL/1052' MSL.
Trees beginning 2964' from DER, 13' right of centerline, up to 100' AGL/1055' MSL.
Trees beginning 3010' from DER, 34' left of centerline, up to 100' AGL/1055' MSL.

CON'T

TAKEOFF MINIMUMS, (OBSTACLE) DEPARTURE PROCEDURES, AND DIVERSE VECTOR AREA (RADAR VECTORS)

EC-2, 12 JUN 2025 to 07 AUG 2025

EC-2, 12 JUN 2025 to 07 AUG 2025

WARSAW, IN (CON'T)

WARSAW MUNI (ASW) (CON'T)

Rwy 5 (CON'T), trees beginning 3132' from DER, 132' right of centerline, up to 100' AGL/1059' MSL.
Trees beginning 1 NM from DER, 1015' left of centerline, up to 100' AGL/1068' MSL.
Trees beginning 1 NM from DER, 1064' right of centerline, up to 100' AGL/1081' MSL.
Trees beginning 1.1 NM from DER, 849' right of centerline, up to 100' AGL/1085' MSL.
Trees beginning 1.1 NM from DER, 2162' left of centerline, up to 100' AGL/1075' MSL.
Rwy 23, trees beginning 7' from DER, 59' right of centerline, up to 100' AGL/993' MSL.
Trees beginning 98' from DER, 107' left of centerline, up to 100' AGL/990' MSL.
Trees beginning 481' from DER, 155' left of centerline, up to 100' AGL/993' MSL.
Tree 817' from DER, 12' right of centerline, 100' AGL/996' MSL.
Trees beginning 939' from DER, 179' right of centerline, up to 100' AGL/999' MSL.
Trees beginning 1031' from DER, 203' left of centerline, up to 100' AGL/996' MSL.
Trees beginning 1108' from DER, 346' right of centerline, up to 100' AGL/1003' MSL.
Trees beginning 1199' from DER, 35' left of centerline, up to 100' AGL/999' MSL.
Trees beginning 1322' from DER, 131' right of centerline, up to 100' AGL/1009' MSL.
Trees beginning 1490' from DER, 299' right of centerline, up to 100' AGL/1019' MSL.
Trees beginning 1582' from DER, 83' left of centerline, up to 100' AGL/1006' MSL.
Trees beginning 1658' from DER, 84' right of centerline, up to 100' AGL/1045' MSL.
Trees beginning 1796' from DER, 298' left of centerline, up to 100' AGL/1009' MSL.
Trees beginning 1872' from DER, 251' right of centerline, up to 100' AGL/1068' MSL.
Trees beginning 1964' from DER, 130' left of centerline, up to 100' AGL/1022' MSL.
Trees beginning 2041' from DER, 36' right of centerline, up to 100' AGL/1101' MSL.
Trees beginning 2178' from DER, 346' left of centerline, up to 100' AGL/1036' MSL.
Trees beginning 2209' from DER, 203' right of centerline, up to 100' AGL/1124' MSL.
Trees beginning 2346' from DER, 178' left of centerline, up to 100' AGL/1045' MSL.
Tree 2377' from DER, 1136' right of centerline, 100' AGL/1131' MSL.
Trees beginning 2423' from DER, 371' right of centerline, up to 100' AGL/1150' MSL.
Trees beginning 2515' from DER, 11' left of centerline, up to 100' AGL/1055' MSL.
Trees beginning 2591' from DER, 156' right of centerline, up to 100' AGL/1170' MSL.
Trees beginning 2759' from DER, 323' right of centerline, up to 100' AGL/1173' MSL.
Trees, transmission line beginning 2928' from DER, 13' right of centerline, up to 100' AGL/1180' MSL.
Trees beginning 4809' from DER, 297' left of centerline, up to 100' AGL/1059' MSL.
Trees beginning 4977' from DER, 9' left of centerline, up to 100' AGL/1068' MSL.
Trees beginning 1.7 NM from DER, 2002' right of centerline, up to 100' AGL/1167' MSL.

WILLARD, OH

WILLARD (8G1)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 2 13SEP18 (18256) (FAA)

DEPARTURE PROCEDURE:
Rwy 10, climb on heading 103° to 1400 before turning left.

TAKEOFF OBSTACLE NOTES :
Rwy 10, building 705' from DER, 149' left of centerline, 19' AGL/959' MSL.
Transmission line 783' from DER, 289' left of centerline, 39' AGL/980' MSL.
Pole 1900' from DER, 418' left of centerline, 32' AGL/985' MSL.
Pole 1965' from DER, 985' left of centerline, 32' AGL/986' MSL.
Rwy 28, building beginning 6' from DER, 159' right of centerline, up to 30' AGL/969' MSL.
Pole 78' from DER, 306' left of centerline, up to 30' AGL/969' MSL.
Pole 125' from DER, 326' right of centerline, up to 40' AGL/979' MSL.
Trees beginning 201' from DER, 279' right of centerline, up to 100' AGL/1039' MSL.
Trees beginning 406' from DER, 487' right of centerline, up to 100' AGL/1049' MSL.
Trees beginning 1239' from DER, 144' left of centerline, up to 100' AGL/1069' MSL.
Trees beginning 1300' from DER, 4' right of centerline, up to 100' AGL/1069' MSL.

WILLOUGHBY, OH

LAKE COUNTY EXEC (LNN)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 3B 26MAR20 (22083) (FAA)

DEPARTURE PROCEDURE:
Rwy 10, climb on heading 099° to 1600 before turning right.
Rwy 23, climb on heading 233° to 1400 before turning right.
Rwy 28, climb on heading 279° to 1400 before turning left.

TAKEOFF OBSTACLE NOTES:
Rwy 5, fence, tree beginning 3' from DER, 273' left of centerline, up to 13' AGL/633' MSL.
Terrain 40' from DER, 382' right of centerline, 625' MSL.
Tree, pole beginning 50' from DER, 343' right of centerline, up to 56' AGL/673' MSL.
Tree 403' from DER, 584' right of centerline, 62' AGL/679' MSL.
Trees beginning 416' from DER, 351' left of centerline, up to 24' AGL/640' MSL.
Tree, building beginning 428' from DER, 538' right of centerline, up to 62' AGL/680' MSL.
Tree, building, fence, electrical system beginning 455' from DER, 244' right of centerline, up to 703' MSL.
Trees beginning 522' from DER, 466' left of centerline, up to 660' MSL.
Trees beginning 662' from DER, 587' left of centerline, up to 62' AGL/674' MSL.
CON'T

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WILLOUGHBY, OH (CON'T)

LAKE COUNTY EXEC (LNN) (CON'T)

Rwy 5 (CON'T), tree 802' from DER, 558' left of centerline, 76' AGL/688' MSL.
Trees beginning 811' from DER, 528' left of centerline, up to 101' AGL/714' MSL.
Trees beginning 1070' from DER, 15' left of centerline, up to 109' AGL/728' MSL.
Tree, electrical system beginning 1286' from DER, 168' right of centerline, up to 98' AGL/716' MSL.
Trees beginning 1994' from DER, 356' right of centerline, up to 101' AGL/720' MSL.
Tree, electrical system beginning 2034' from DER, 434' right of centerline, up to 725' MSL.
Tree, electrical system, pole, transmission line beginning 2120' from DER, 10' right of centerline, up to 116' AGL/734' MSL.
Trees beginning 2613' from DER, 31' left of centerline, up to 109' AGL/732' MSL.
Tree 3426' from DER, 525' right of centerline, 107' AGL/736' MSL.
Trees beginning 3427' from DER, 328' right of centerline, up to 119' AGL/737' MSL.
Trees beginning 3667' from DER, 29' right of centerline, up to 124' AGL/740' MSL.
Trees beginning 4179' from DER, 303' left of centerline, up to 737' MSL.
Rwy 10, fence 77' from DER, 478' right of centerline, 10' AGL/633' MSL.
Trees beginning 168' from DER, 353' right of centerline, up to 63' AGL/684' MSL.
Tree, building, pole beginning 348' from DER, 139' right of centerline, up to 76' AGL/698' MSL.
Pole, tree beginning 405' from DER, 142' left of centerline, up to 34' AGL/656' MSL.
Tree, building, electrical system, transmission line, pole, vertical point beginning 437' from DER, 3' right of centerline, up to 95' AGL/717' MSL.
Electrical system, vertical point, transmission line, pole, lighting beginning 607' from DER, 26' left of centerline, up to 55' AGL/677' MSL.
Electrical system, tree, pole beginning 694' from DER, 54' left of centerline, up to 60' AGL/682' MSL.
Tree, electrical system, building beginning 733' from DER, 66' left of centerline, up to 67' AGL/695' MSL.
Tree, electrical system beginning 773' from DER, 10' left of centerline, up to 78' AGL/701' MSL.
Tree, building beginning 850' from DER, 520' left of centerline, up to 86' AGL/709' MSL.
Tree, electrical system beginning 955' from DER, 78' left of centerline, up to 89' AGL/711' MSL.
Tree, electrical system beginning 1081' from DER, 142' right of centerline, up to 98' AGL/721' MSL.
Tree, electrical system beginning 1112' from DER, 83' left of centerline, up to 105' AGL/727' MSL.
Trees beginning 1226' from DER, 4' right of centerline, up to 730' MSL.
Trees beginning 1260' from DER, 1' right of centerline, up to 108' AGL/732' MSL.
Trees beginning 2218' from DER, 4' left of centerline, up to 112' AGL/733' MSL.
Trees beginning 2349' from DER, 85' right of centerline, up to 112' AGL/736' MSL.
Trees beginning 2428' from DER, 15' right of centerline, up to 116' AGL/742' MSL.
Trees beginning 3541' from DER, 187' left of centerline, up to 110' AGL/736' MSL.
Rwy 23, fence 4' from DER, 489' left of centerline, 8' AGL/633' MSL.
Tree, fence, electrical system, building beginning 94' from DER, 62' left of centerline, up to 687' MSL.
Building 195' from DER, 495' right of centerline, 29' AGL/652' MSL.
Building, fence, electrical system, pole beginning 200' from DER, 448' right of centerline, up to 49' AGL/672' MSL.
Tree 526' from DER, 591' right of centerline, 77' AGL/698' MSL.
Tree, transmission line, pole, electrical system beginning 529' from DER, 363' right of centerline, up to 79' AGL/701' MSL.
Tree, pole, transmission line, electrical system beginning 628' from DER, 166' right of centerline, up to 87' AGL/709' MSL.
Trees beginning 1582' from DER, 204' left of centerline, up to 78' AGL/701' MSL.
Trees beginning 1659' from DER, 119' left of centerline, up to 714' MSL.
Trees beginning 1971' from DER, 260' right of centerline, up to 722' MSL.
Trees beginning 1987' from DER, 22' right of centerline, up to 100' AGL/724' MSL.
Tree 3023' from DER, 52' left of centerline, 94' AGL/717' MSL.
Trees beginning 3037' from DER, 269' left of centerline, up to 111' AGL/721' MSL.
Trees beginning 3445' from DER, 327' right of centerline, up to 105' AGL/728' MSL.
Trees beginning 3792' from DER, 1078' right of centerline, up to 108' AGL/730' MSL.
Rwy 28, antenna 579' from DER, 325' right of centerline, 20' AGL/640' MSL.
Building 835' from DER, 209' left of centerline, 23' AGL/645' MSL.
Building 845' from DER, 561' left of centerline, 29' AGL/652' MSL.
Building, electrical system, pole beginning 876' from DER, 410' left of centerline, up to 49' AGL/672' MSL.
Electrical system 965' from DER, 470' right of centerline, 34' AGL/653' MSL.
Electrical system, transmission line, pole, building beginning 985' from DER, 338' right of centerline, up to 44' AGL/661' MSL.
Tree 1134' from DER, 436' left of centerline, 77' AGL/698' MSL.
Tree 1140' from DER, 188' right of centerline, 45' AGL/664' MSL.
Trees beginning 1141' from DER, 397' left of centerline, up to 706' MSL.
Trees beginning 1143' from DER, 541' right of centerline, up to 692' MSL.
Trees beginning 1186' from DER, 386' right of centerline, up to 74' AGL/694' MSL.
Trees beginning 1213' from DER, 8' left of centerline, up to 87' AGL/709' MSL.
Tree 1240' from DER, 378' right of centerline, 76' AGL/695' MSL.
Trees beginning 1278' from DER, 21' right of centerline, up to 700' MSL.
Trees beginning 1711' from DER, 21' right of centerline, up to 95' AGL/711' MSL.
Tree 2447' from DER, 207' left of centerline, 99' AGL/715' MSL.
Trees beginning 2467' from DER, 200' left of centerline, up to 102' AGL/723' MSL.
Trees beginning 2671' from DER, 172' left of centerline, up to 108' AGL/728' MSL.
Tree 3022' from DER, 1211' left of centerline, 116' AGL/735' MSL.
Tree, antenna beginning 3105' from DER, 248' left of centerline, up to 123' AGL/743' MSL.

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WILMINGTON, OH

CLINTON FLD (I66)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 2 05JUL07 (21224) (FAA)

TAKEOFF MINIMUMS:

Rwy 3, 300-1¼ or std. w/min. climb of 224' per NM to 1300', or alternatively, with std. takeoff minimums and a normal 200'/ NM climb gradient, takeoff must occur no later than 1700' prior to DER.

TAKEOFF OBSTACLE NOTES:

Rwy 3, multiple trees beginning 76' from DER, 76' right of centerline, up to 88' AGL/1137' MSL.
Multiple trees beginning 279' from DER, 140' left of centerline, up to 96' AGL/1105' MSL.
Water tank 1 NM from DER, 554' left of centerline, 176' AGL/1205' MSL.
Rwy 21, multiple trees beginning 187' from DER, 509' right of centerline, up to 87' AGL/1111' MSL.
Multiple trees beginning 243' from DER, 214' left of centerline, up to 77' AGL/1086' MSL.

WILMINGTON AIR PARK (ILN)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG-A 17APR25 (25107) (FAA)

TAKEOFF OBSTACLE NOTES:

Rwy 4L, tree 1032' from DER, 643' right of centerline, 1114' MSL.
Rwy 22R, fence 296’ from DER, 552’ right of centerline, 1063’ MSL.

WINAMAC, IN

ARENS FLD (RWN)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG-A 11OCT18 (21224) (FAA)

TAKEOFF MINIMUMS:

Rwy 9, 300-1½ or std. w/min. climb of 225’ per NM to 1000

TAKEOFF OBSTACLE NOTES:

Rwy 9, fence 195’ from DER, 190’ right of centerline, 5’ AGL/712’ MSL.
Pole, NAVAID and vehicle beginning 268’ from DER, 21’ left of centerline, up to 26’ AGL/735’ MSL.
Tree 356’ from DER, 172’ right of centerline, 723’ MSL.
Pole 595’ from DER, 409’ right of centerline, 34’ AGL/741’ MSL.
Pole 729’ from DER, 393’ left of centerline, 31’ AGL/740‘ MSL.
Poles beginning 736’ from DER, 172’ right of centerline, up to 37’ AGL/745’ MSL.
Tree 2466’ from DER, 463’ left of centerline, 782’ MSL.
Tower 1 NM from DER, 24’ left of centerline, 181’ AGL/894’ MSL.
Rwy 27, fence 6’ from DER, 203’ left of centerline, 2’ AGL/707’ MSL.
Tree 99’ from DER, 190’ left of centerline, 715’ MSL.
Fence 108’ from DER, 208’ right of centerline, 3’ AGL/709’ MSL.
Tree 1660’ from DER, 852’ right of centerline, 757’ MSL.

WINCHESTER, IN

RANDOLPH COUNTY (I22)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 10MAR11 (11069) (FAA)

TAKEOFF OBSTACLE NOTES:

Rwy 8, power poles beginning 503' from DER, 433' right of centerline, up to 26' AGL/1155' MSL.
Trees 1013' from DER, 586' right of centerline, 38' AGL/1167' MSL.
Trees beginning 3523' from DER, 112' right of centerline, up to 101' AGL/1220' MSL.
Tree 1745' from DER, 718' left of centerline, 61' AGL/1180' MSL.
Rwy 26, trees and power pole beginning 389' from DER, 461' right of centerline, up to 59' AGL/1178' MSL.
Barn and silo beginning 590' from DER, 360' right of centerline, up to 32' AGL/1151' MSL.
Tree 479' from DER, 571' left of centerline, 23' AGL/ 1142' MSL.
Power poles, antenna, and barn beginning 913' from DER, 444' left of centerline, up to 34' AGL/ 1153' MSL.
Tree and antenna beginning 1023' from DER, 424' left of centerline, up to 43' AGL/1162' MSL.

WOODSFIELD, OH

MONROE COUNTY (4G5)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 2 30MAY91 (91150) (FAA)

TAKEOFF MINIMUMS:

Rwy 25, 300-1.

WOOSTER, OH

WAYNE COUNTY (BJJ)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 1A 26APR18 (18116) (FAA)

TAKEOFF MINIMUMS:

Rwy 28, 300-1.

TAKEOFF OBSTACLE NOTES :

Rwy 10, traverse way 11' from DER, 479' right of centerline, 1141' MSL.
Traverse way beginning 61' from DER, 359' left of centerline, up to 1143' MSL.
Pole, traverse way beginning 126' from DER, 40' right of centerline, up to 34' AGL/1159' MSL.
Pole, traverse way beginning 165' from DER, 69' left of centerline, up to 33' AGL/1157' MSL.
Rwy 28, vegetation 44' from DER, 467' right of centerline, 5' AGL/1116' MSL.
Trees, beginning 1243' from DER, 400' left of centerline, up to 1240' MSL.
Trees, beginning 2584' from DER, 229' right of centerline, up to 1203' MSL.

WRIGHT-PATTERSON AFB (KFFO)

DAYTON, OH

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

22OCT09 (09295)

TAKEOFF MINIMUMS:

Rwy 5R, 200-1½*
Rwy 23R, 400-2¾**
Rwy 23L, 400-2¾***
* Or std. w/min. climb of 240ft/NM to 1100'.
** Or std. w/min. climb of 260ft/NM to 1300'.
*** Or std. w/min. climb of 210ft/NM to 1300'.
Rwy 5R, climb on track 050° until reaching 1100.

TAKEOFF OBSTACLE NOTES:

Rwy 23L: 43' AGL VORTAC, 850' from DER, 662' right of centerline.
Rwy 5L: Up to 105' AGL tree line beginning 3000' from DER, 700' right of centerline to 5100' from DER, 1300' left of centerline.

YOUNGSTOWN, OH

YOUNGSTOWN ELSER METRO (4G4)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 1A 05FEB15 (15036) (FAA)

TAKEOFF MINIMUMS:

Rwy 10, 300-1¾ or std. w/min. climb of 237' per NM to 1500.
Rwy 28, 300-2½ or std. w/min. climb of 463' per NM to 1300.

DEPARTURE PROCEDURE:

Rwy 10, climb heading 098° to 2000 before proceeding on course.
Rwy 28, climb heading 278° to 1700 before turning right.

TAKEOFF OBSTACLE NOTES:

Rwy 10, vehicle on road 200' from DER, on centerline, 15' AGL/1104' MSL.
Hangar and trees beginning 34' from DER, 203' right of centerline, up to 100' AGL/1189' MSL.
Trees and tower beginning 283' from DER, 322' left of centerline, up to 138' AGL/1332' MSL.
Rwy 28, trees on centerline, beginning 3380' from DER, up to 100' AGL/1209' MSL.
Trees beginning at DER, 222' right of centerline, up to 100' AGL/1119' MSL.
Trees beginning at DER, 191' left of centerline, up to 100' AGL/1119' MSL.

YOUNGSTOWN/WARREN, OH

YOUNGSTOWN/WARREN RGNL (YNG)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 4 26JUL90 (21336) (FAA)

TAKEOFF MINIMUMS:

Rwy 23, 300-1.

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ZANESVILLE, OH

ZANESVILLE MUNI (ZZV)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 1 27JAN22 (22027) (FAA)

TAKEOFF MINIMUMS:

Rwy 16, 300-1¼ or std. w/min. climb of 215' per NM to 1200, or alternatively, with std. takeoff minimums and a normal 200' per NM climb gradient, takeoff must occur no later than 1400' prior to DER.

TAKEOFF OBSTACLE NOTES:

Rwy 4, trees, lighting, NAVAID beginning 45' from DER, 115' right of centerline, up to 92' AGL/900' MSL.
Lighting, NAVAID beginning 51' from DER, 114' left of centerline, up to 3' AGL/873' MSL.
Fence 80' from DER, 506' left of centerline, 874' MSL.
Tree 534' from DER, 634' left of centerline, 907' MSL.
Rwy 16, tree, vegetation beginning 2' from DER, 66' right of centerline, up to 929' MSL.
Vegetation 105' from DER, 95' left of centerline, 7' AGL/899' MSL.
Tree 194' from DER, 386' right of centerline, 939' MSL.
Trees beginning 208' from DER, 61' right of centerline, up to 99' AGL/956' MSL.
Trees beginning 1280' from DER, 331' left of centerline, up to 934' MSL.
Trees beginning 1435' from DER, 62' right of centerline, up to 958' MSL.
Tree 1438' from DER, 528' left of centerline, 939' MSL.
Trees beginning 1465' from DER, 35' right of centerline, up to 962' MSL.
Trees beginning 1522' from DER, 28' left of centerline, up to 942' MSL.
Tree 1618' from DER, 446' left of centerline, 944' MSL.
Trees beginning 1730' from DER, 378' left of centerline, up to 945' MSL.
Trees beginning 1860' from DER, 58' right of centerline, up to 968' MSL.
Trees beginning 1955' from DER, 96' left of centerline, up to 74' AGL/947' MSL.
Trees beginning 1977' from DER, 5' right of centerline, up to 972' MSL.
Trees beginning 2099' from DER, 129' left of centerline, up to 62' AGL/948' MSL.
Trees beginning 2107' from DER, 8' left of centerline, up to 74' AGL/956' MSL.
Trees beginning 2127' from DER, 5' right of centerline, up to 980' MSL.
Trees beginning 2134' from DER, 46' left of centerline, up to 74' AGL/961' MSL.
Trees beginning 2241' from DER, 6' left of centerline, up to 75' AGL/971' MSL.
Trees beginning 2276' from DER, 17' left of centerline, up to 77' AGL/975' MSL.
Trees beginning 5615' from DER, 1532' right of centerline, up to 1041' MSL.
Tree 1 NM from DER, 615' right of centerline, 102' AGL/1065' MSL.
Rwy 22, vehicle on road, NAVAID, tree beginning 2' from DER, 114' right of centerline, up to 910' MSL.
Tree, NAVAID beginning 28' from DER, 114' left of centerline, up to 904' MSL.
Tree 105' from DER, 185' left of centerline, 25' AGL/917' MSL.
Trees beginning 305' from DER, 293' left of centerline, up to 975' MSL.
Trees beginning 419' from DER, 291' left of centerline, up to 984' MSL.
Tree 1285' from DER, 565' right of centerline, 932' MSL.
Rwy 34, trees, vegetation beginning 23' from DER, 54' left of centerline, up to 78' AGL/920' MSL.
Trees beginning 71' from DER, 212' right of centerline, up to 888' MSL.
Trees beginning 472' from DER, 268' right of centerline, up to 894' MSL.
Tree 1348' from DER, 189' right of centerline, 75' AGL/903' MSL.
Tree 1351' from DER, 211' right of centerline, 73' AGL/904' MSL.
Tree 1365' from DER, 216' right of centerline, 73' AGL/906' MSL.
Trees beginning 1365' from DER, 144' right of centerline, up to 84' AGL/912' MSL.
Trees beginning 1412' from DER, 112' right of centerline, up to 78' AGL/915' MSL.
Trees beginning 1437' from DER, 67' right of centerline, up to 77' AGL/920' MSL.
Tree 1521' from DER, 277' left of centerline, 101' AGL/921' MSL.
Tree 1525' from DER, 299' left of centerline, 100' AGL/923' MSL.
Trees beginning 1531' from DER, 4' right of centerline, up to 926' MSL.
Tree 1563' from DER, 386' left of centerline, 934' MSL.
Trees beginning 1567' from DER, 28' left of centerline, up to 936' MSL.
Trees beginning 1674' from DER, 34' right of centerline, up to 933' MSL.
Trees beginning 1680' from DER, 3' left of centerline, up to 937' MSL.
Trees beginning 1688' from DER, 15' right of centerline, up to 943' MSL.
Trees beginning 1805' from DER, 1' left of centerline, up to 941' MSL.
Trees, building beginning 1878' from DER, 6' right of centerline, up to 952' MSL.
Trees beginning 1880' from DER, 10' left of centerline, up to 946' MSL.
Trees beginning 1976' from DER, 16' left of centerline, up to 95' AGL/956' MSL.
Trees beginning 2322' from DER, 137' left of centerline, up to 962' MSL.
Trees beginning 2420' from DER, 119' left of centerline, up to 968' MSL.
Grain elevator, building beginning 2977' from DER, 73' right of centerline, up to 65' AGL/954' MSL.
Trees beginning 3046' from DER, 17' left of centerline, up to 975' MSL.
Tree 3581' from DER, 80' right of centerline, 75' AGL/957' MSL.
Tree 3592' from DER, 97' right of centerline, 78' AGL/959' MSL.
Trees beginning 3593' from DER, 7' right of centerline, up to 93' AGL/968' MSL.

EC-2, 12 JUN 2025 to 07 AUG 2025

INSTRUMENT APPROACH PROCEDURE CHARTS

IFR ALTERNATE AIRPORT MINIMUMS

Pilots must review the IFR Alternate Minimums Notes to determine alternate airport suitability. ANA designation on the approach chart means that pilots may not use that approach as an alternate due to unmonitored facility, absence of weather reporting service, or lack of adequate navigation coverage. Approaches with the ANA designation are not listed in this section. A designation on the approach chart indicates that the approach procedure has non-standard minimums (for aircraft other than helicopters) or restrictions (for all users) for its use as an alternate.

Alternate Minima (ref: 14 CFR 91.169)

	Precision Approach	Non-Precision Approach
Standard	**600-2**	**800-2**
ANon-Standard or restrictions	As indicated below	As indicated below
Helicopters	For the selected approach: Ceiling: 200' above published ceiling Visibility: the greater of 1 SM visibility or the published visibility	
US Military (USA/USN/USAF)	See Service Regulations	

Note: For alternate airport flight planning purposes, precision approach operations include: ILS, PAR, and GLS, and Non-Precision approach operations include: NDB, VOR, LOC, TACAN, LDA, SDF, ASR, RNAV (GPS) and RNAV (RNP).

NAME — ALTERNATE MINIMUMS

AKRON, OH
AKRON FULTON INTL (AKR)……...**LOC Rwy 25**
NDB Rwy 25
RNAV (GPS) Rwy 25
Category D, 800-2½.

ANDERSON, IN
ANDERSON RGNL (AID)…….**ILS or LOC Rwy 30[1]**
RNAV (GPS) Rwy 12
RNAV (GPS) Rwy 30
NA when local weather not available.
[1]NA when control tower closed.

ATHENS/ALBANY, OH
OHIO
UNIVERSITY (UNI)……**RNAV (GPS) Rwy 7**
RNAV (GPS) Rwy 25
Category D, 800-2¼.

AUBURN, IN
DE KALB COUNTY (GWB)……**RNAV (GPS) Rwy 9**
RNAV (GPS) Rwy 27
VOR-A
NA when local weather not available.
Category C, 900-2½; Category D, 900-2¾.

BATAVIA, OH
CLERMONT COUNTY (I69)…..**RNAV (GPS) Rwy 4**
RNAV (GPS) Rwy 22
NA when local weather not available.

NAME — ALTERNATE MINIMUMS

BEDFORD, IN
VIRGIL I GRISSOM
MUNI (BFR)……**RNAV (GPS) Rwy 13**
NA when local weather not available.

BELLEFONTAINE, OH
BELLEFONTAINE
RGNL (EDJ)……**VOR Rwy 7[1]**
VOR Rwy 25[2]
NA when local weather not available.
[1]Category D, 900-2¾.
[2]Category C, 800-2¼; Category D, 900-2¾.

BLOOMINGTON, IN
MONROE
COUNTY (BMG)……**ILS or LOC/DME Rwy 35[1]**
RNAV (GPS) Rwy 17[2]
RNAV (GPS) Rwy 24[2]
RNAV (GPS) Rwy 35[3]
[1]ILS, LOC, Category D, 800-2½.
[2]NA when local weather not available.
[3]Category D, 800-2½.

CAMBRIDGE, OH
CAMBRIDGE MUNI (CDI)……..**RNAV (GPS) Rwy 4**
RNAV (GPS) Rwy 22
NA when local weather not available.
Category C, 1100-3.

EC-2, 12 JUN 2025 to 07 AUG 2025

NAME ALTERNATE MINIMUMS

CHILLICOTHE, OH
ROSS COUNTY (RZT)……**RNAV (GPS) Rwy 23**
NA when local weather not available.
Category C, 800-2¼; Category D, 900-2¾.

CINCINNATI, OH
CINCINNATI MUNI/LUNKEN
FLD (LUK)……..**ILS or LOC Rwy 21**[12]
RNAV (GPS) Rwy 3[3]
RNAV (GPS) Rwy 21[3]
RNAV (GPS) Rwy 25[4]
NA when local weather not available.
[1]NA when control tower closed.
[2]LOC, Category B, 900-2; Category C, 900-2½; Category D,1000-3.
[3]Category B, 900-2; Category C, 900-2½; Category D, 1000-3.
[4]Categories A, B, C, D, 800-2½.

CIRCLEVILLE, OH
PICKAWAY COUNTY
MEML (CYO)……..**RNAV (GPS) Rwy 1**
RNAV (GPS) Rwy 19
VOR Rwy 19
NA when local weather not available.

CLEVELAND, OH
BURKE
LAKEFRONT (BKL)……..**ILS or LOC Rwy 24R**[1]
RNAV (GPS) Rwy 24R
NA when local weather not available.
[1]NA when control tower closed.

CUYAHOGA
COUNTY (CGF)……**ILS or LOC Rwy 24**[1]
RNAV (GPS) Rwy 6[2]
RNAV (GPS) Rwy 24[3]
[1]LOC, Category D, 800-2½.
[2]Category D, 800-2¼.
[3]Category D, 800-2½.

COLUMBUS, IN
COLUMBUS
MUNI (BAK)……..…**RNAV (GPS) Rwy 5**
RNAV (GPS) Rwy 14[1]
RNAV (GPS) Rwy 23
RNAV (GPS) Rwy 32
NA when local weather not available.
[1]Category D, 800-2½.

COLUMBUS, OH
BOLTON FLD (TZR)…….....**ILS or LOC Rwy 4**[12]
NDB Rwy 4[1]
RNAV (GPS) Rwy 22[2]
[1]NA when control tower closed.
[2]NA when local weather not available.

NAME ALTERNATE MINIMUMS

COLUMBUS, OH (CON'T)
JOHN GLENN COLUMBUS
INTL (CMH)…….....**ILS or LOC Rwy 10L**[1]
ILS or LOC Rwy 10R[1]
ILS or LOC Rwy 28L[1]
ILS or LOC Rwy 28R[1]
RNAV (GPS) Y Rwy 10L[2]
RNAV (GPS) Y Rwy 10R[2]
RNAV (GPS) Y Rwy 28L[2]
RNAV (GPS) Y Rwy 28R[2]
[1]LOC, Category D, 800-2¼.
[2]Category D, 800-2¼.

OHIO STATE
UNIVERSITY (OSU)…….....**ILS or LOC Rwy 9R**[12]
NDB Rwy 9R[3]
RNAV (GPS) Rwy 9R[3]
RNAV (GPS) Rwy 27L[3]
NA when local weather not available.
[1]LOC, Category D, 800-2½.
[2]NA when control tower closed.
[3]Category D, 800-2½.

RICKENBACKER
INTL (LCK)……..……..**ILS or LOC Rwy 5L**
ILS or LOC Rwy 23L
RNAV (GPS) Rwy 5L
RNAV (GPS) Rwy 5R
RNAV (GPS) Rwy 23L
RNAV (GPS) Rwy 23R
NA when local weather not available.

CRAWFORDSVILLE, IN
CRAWFORDSVILLE
RGNL (CFJ)……..……**RNAV (GPS) Rwy 4**
RNAV (GPS) Rwy 22
NA when local weather not available.
Category D, 800-2¼.

DAYTON, OH
DAYTON/WRIGHT
BROTHERS (MGY)……..…..**RNAV (GPS) Rwy 2**
RNAV (GPS) Rwy 20
NA when local weather not available.
Category D, 800-2¼.

GREEN COUNTY/LEWIS A JACKSON
RGNL (GDK)..……..……..**RNAV (GPS) Rwy 7**
RNAV (GPS) Rwy 25
NA when local weather not available.

JAMES M COX DAYTON
INTL (DAY)……..**ILS or LOC Rwy 6L**
ILS, Category D, 700-2.

DEFIANCE, OH
DEFIANCE
MEML (DFI)……..……..**RNAV (GPS) Rwy 12**
Category D, 800-2¼.

NAME ALTERNATE MINIMUMS

ELKHART, IN
ELKHART MUNI (EKM)..... **ILS or LOC Rwy 27[12]**
RNAV (GPS) Rwy 9[34]
RNAV (GPS) Rwy 18[34]
RNAV (GPS) Rwy 27[34]
RNAV (GPS) Rwy 36[3]
VOR Rwy 9[34]
[1]NA when control tower closed.
[2]LOC, Category D, 900-2½.
[3]NA when local weather not available.
[4]Category D, 900-2½.

EVANSVILLE, IN
EVANSVILLE RGNL (EVV)..... **ILS or LOC Rwy 4[1]**
ILS or LOC Rwy 22[2]
NA when control tower closed.
[1]ILS, Categories A, B, 800-2; Categories C, D, 800-2½; LOC, Categories C, D, 800-2½.
[2]NA when local weather not available.

FINDLAY, OH
FINDLAY (FDY)..... **RNAV (GPS) Rwy 7**
RNAV (GPS) Rwy 18
RNAV (GPS) Rwy 25
RNAV (GPS) Rwy 36
VOR Rwy 7
NA when local weather not available.
Category D, 800-2¼.

FORT WAYNE, IN
FORT WAYNE
INTL (FWA)..... **ILS or LOC Rwy 5[1]**
ILS or LOC Rwy 32[1]
RADAR-1[2]
RNAV (GPS) Rwy 5[2]
RNAV (GPS) Rwy 14[3]
RNAV (GPS) Rwy 23[2]
RNAV (GPS) Rwy 32[3]
VOR or TACAN Rwy 5[2]
VOR or TACAN Rwy 14[2]
VOR or TACAN Rwy 23[2]
[1]LOC, Category D, 800-2¼; Category E, 800-2½.
[2]Category D, 800-2¼, Category E, 800-2½.
[3]Category D, 800-2¼.

FOSTORIA, OH
DONALD P MILLER (FZI)..... **RNAV (GPS) Rwy 9**
NA when local weather not available.

FRANKFORT, IN
FRANKFORT CLINTON
COUNTY RGNL (FKR)..... **RNAV (GPS) Rwy 27**
NA when local weather not available.

FREMONT, OH
SANDUSKY COUNTY
RGNL (S24)..... **RNAV (GPS) Rwy 6**
RNAV (GPS) Rwy 24
NA when local weather not available.
Category D, 800-2¼.

NAME ALTERNATE MINIMUMS

FRENCH LICK, IN
FRENCH LICK
MUNI (FRH)..... **RNAV (GPS) Rwy 8**
RNAV (GPS) Rwy 26
Category D, 800-2¼.

GARY/CHICAGO, IN
GARY/CHICAGO
INTL (GYY)..... **COPTER ILS or LOC Rwy 30[1]**
ILS or LOC Rwy 30[123]
RNAV (GPS) Rwy 2[24]
RNAV (GPS) Rwy 20[4]
RNAV (GPS) Y Rwy 12[24]
RNAV (GPS) Y Rwy 30[24]
[1]NA when control tower closed.
[2]NA when local weather not available.
[3]LOC, Category C, 900-2¼; Category D, 900-2¾.
[4]Category C, 900-2¼; Category D, 900-2¾.

GOSHEN, IN
GOSHEN MUNI (GSH)..... **RNAV (GPS) Rwy 9**
RNAV (GPS) Rwy 27
NA when local weather not available.
Category D, 800-2¼.

HAMILTON, OH
BUTLER COUNTY RGNL/HOGAN
FLD (HAO)..... **ILS or LOC Rwy 30[1]**
RNAV (GPS) Rwy 12[2]
RNAV (GPS) Rwy 30[2]
NA when local weather not available.
[1]LOC, Category D, 1200-3.
[2]Category D, 1200-3.

HUNTINGBURG, IN
HUNTINGBURG (HNB)..... **RNAV (GPS) Rwy 9**
RNAV (GPS) Rwy 27
NA when local weather not available.
Category D, 900-2¾.

HUNTINGTON, IN
HUNTINGTON
MUNI (HHG)..... **RNAV (GPS) Rwy 10[1]**
RNAV (GPS) Rwy 28[1]
VOR-A
Category D, 800-2¼.
[1]NA when local weather not available.

INDIANAPOLIS, IN
EAGLE CREEK
AIRPARK (EYE)..... **RNAV (GPS) Rwy 21**
VOR-A
NA when local weather not available.

INDIANAPOLIS
EXEC (TYQ)..... **RNAV (GPS) Rwy 18**
RNAV (GPS) Rwy 36
VOR Rwy 18
NA when local weather not available.

NAME ALTERNATE MINIMUMS

INDIANAPOLIS, IN (CON'T)

INDIANAPOLIS INTL (IND)……**ILS or LOC Rwy 5L[1]**
ILS or LOC Rwy 5R[1]
ILS or LOC Rwy 14[2]
ILS or LOC Rwy 23L[2]
ILS or LOC Rwy 23R[1]
ILS or LOC Rwy 32[1]
RNAV (GPS) Y Rwy 5L[3]
RNAV (GPS) Y Rwy 5R[3]
RNAV (GPS) Y Rwy 14[3]
RNAV (GPS) Y Rwy 23L[3]
RNAV (GPS) Y Rwy 23R[3]
RNAV (GPS) Y Rwy 32[3]

[1]ILS, Categories A, B, C, 700-2; Category D, 800-2½; LOC, Category D, 800-2½.
[2]LOC, Category D, 800-2½.
[3]Category D, 800-2½.

INDIANAPOLIS METRO (UMP)……**RNAV (GPS) Rwy 15**
RNAV (GPS) Rwy 33
NA when local weather not available.

INDIANAPOLIS RGNL (MQJ)……**RNAV (GPS) Rwy 7**
RNAV (GPS) Rwy 16[1]
RNAV (GPS) Rwy 25[1]
NA when local weather not available.
[1]Category D, 800-2½.

INDY SOUTH GREENWOOD (HFY)……**RNAV (GPS) Rwy 1[1]**
RNAV (GPS) Rwy 19[2]
[1]Category D, 1100-3.
[2]NA when local weather not available.

JACKSON, OH

JAMES A RHODES (JRO)……**RNAV (GPS) Rwy 1**
RNAV (GPS) Rwy 19
NA when local weather not available.
Categories C, D, 1000-3.

JEFFERSONVILLE, IN

CLARK RGNL (JVY)……**RNAV (GPS) Rwy 18**
RNAV (GPS) Rwy 36
NA when local weather not available.

KENDALLVILLE, IN

KENDALLVILLE MUNI (C62)……**RNAV (GPS) Rwy 10**
RNAV (GPS) Rwy 28
NA when local weather not available.

KNOX, IN

STARKE COUNTY (OXI)……**RNAV (GPS) Rwy 18**
NA when local weather not available.
Category D, 800-2¼.

NAME ALTERNATE MINIMUMS

KOKOMO, IN

KOKOMO MUNI (OKK)……**RNAV (GPS) Rwy 5**
RNAV (GPS) Rwy 14[1]
RNAV (GPS) Rwy 23
RNAV (GPS) Rwy 32[1]
NA when local weather not available.
[1]Category D, 900-2½.

LA PORTE, IN

LA PORTE MUNI (PPO)……**RNAV (GPS) Rwy 2**
RNAV (GPS) Rwy 20
NA when local weather not available.
Category C, 800-2¼, Category D, 800-2½.

LAFAYETTE, IN

PURDUE UNIVERSITY (LAF)……**ILS or LOC Rwy 10[12]**
RNAV (GPS) Rwy 10[34]
RNAV (GPS) Rwy 28[34]
VOR-A[34]
[1]LOC, Category D, 900-2¾.
[2]NA when control tower closed.
[3]NA when local weather not available.
[4]Category D, 900-2¾.

LANCASTER, OH

FAIRFIELD COUNTY (LHQ)……**RNAV (GPS) Rwy 10[1]**
RNAV (GPS) Rwy 28
VOR-A[1]
NA when local weather not available.
[1]Category C, 800-2¼.

LEBANON, OH

WARREN COUNTY/JOHN LANE FLD (I68)……**RNAV (GPS) Rwy 1**
NA when local weather not available.

LIMA, OH

LIMA ALLEN COUNTY (AOH)……**RNAV (GPS) Rwy 10**
RNAV (GPS) Rwy 28[1]
NA when local weather not available.
[1]Category D, 900-2¾.

LONDON, OH

MADISON COUNTY (UYF)……**RNAV (GPS) Rwy 9**
RNAV (GPS) Rwy 27
NA when local weather not available.
Category D, 800-2½.

LORAIN/ELYRIA, OH

LORAIN COUNTY RGNL (LPR)……**ILS or LOC Rwy 7[1]**
VOR-A
NA when local weather not available.
[1]ILS, Categories C, D, 700-2.

NAME ALTERNATE MINIMUMS

MADISON, IN
MADISON MUNI (IMS)……**RNAV (GPS) Rwy 21**
RNAV (GPS) Y Rwy 3
NA when local weather not available.

MANSFIELD, OH
MANSFIELD LAHM
RGNL (MFD)……..……..**ILS or LOC Rwy 32[13]**
NDB Rwy 32[4]
RNAV (GPS) Rwy 5[4]
RNAV (GPS) Rwy 14[2]
RNAV (GPS) Rwy 23[4]
RNAV (GPS) Rwy 32[2]
VOR Rwy 14[4]
VOR Rwy 32[4]
[1]NA when control tower closed.
[2]NA when local weather not available.
[3]LOC, Category D, 800-2¼.
[4]Category D, 800-2¼.

MARION, IN
MARION MUNI-MCKINNEY
FLD (MZZ)……..**RNAV (GPS) Rwy 4**
RNAV (GPS) Rwy 15
RNAV (GPS) Rwy 22
RNAV (GPS) Rwy 33
NA when local weather not available.

MARION, OH
MARION MUNI (MNN)……...**RNAV (GPS) Rwy 7**
RNAV (GPS) Rwy 13
RNAV (GPS) Rwy 25
VOR-A
NA when local weather not available.
Category D, 900-2¾.

MARYSVILLE, OH
UNION COUNTY (MRT)…..…**RNAV (GPS) Rwy 9**
RNAV (GPS) Rwy 27
NA when local weather not available.

MICHIGAN CITY, IN
MICHIGAN CITY MUNI-PHILLIPS
FLD (MGC)…….....**RNAV (GPS) Rwy 20**
Category C, 900-2½.

MIDDLETOWN, OH
MIDDLETOWN RGNL/HOOK
FLD (MWO)……..…**RNAV (GPS) Rwy 5**
RNAV (GPS) Rwy 23
NA when local weather not available.
Category C, 1100-3; Category D, 1200-3.

MILLERSBURG, OH
HOLMES COUNTY (10G)…….**RNAV (GPS) Rwy 9**
RNAV (GPS) Rwy 27
NA when local weather not available.

NAME ALTERNATE MINIMUMS

MONTICELLO, IN
WHITE
COUNTY (MCX)…..…**RNAV (GPS) Rwy 18**
RNAV (GPS) Rwy 36
NA when local weather not available.
Category C, 900-2½; Category D, 900-2¾.

MOUNT VERNON, OH
KNOX
COUNTY (4I3)…….....**RNAV (GPS) Rwy 10**
NA when local weather not available.

MUNCIE, IN
DELAWARE
COUNTY RGNL (MIE)…..…**ILS or LOC Rwy 32[1]**
RNAV (GPS) Rwy 3
RNAV (GPS) Rwy 14
RNAV (GPS) Rwy 21
RNAV (GPS) Rwy 32
VOR Rwy 14
VOR Rwy 21
NA when local weather not available.
[1]NA when control tower closed.

NEW PHILADELPHIA, OH
HARRY CLEVER
FLD (PHD)…….…..**VOR-A**
Categories A, B, 900-2; Category C, 900-2½.

NEW CASTLE, IN
NEW CASTLE HENRY COUNTY
MARLATT FLD (UWL)……...…..**NDB Rwy 10**
RNAV (GPS) Rwy 10
RNAV (GPS) Rwy 28
NA when local weather not available.

NEWARK, OH
LICKING COUNTY
RGNL (VTA)……**RNAV (GPS) Rwy 9[1]**
RNAV (GPS) Rwy 27[2]
VOR-A[34]
[1]Category C, 900-2½; Category D, 900-2¾.
[2]Categories A, B, 900-2; Category C, 900-2½; Category D, 900-2¾.
[3]Categories A, B, 1100-2; Categories C, D, 1100-3.
[4]NA when local weather not available.

PLYMOUTH, IN
PLYMOUTH MUNI (C65)……**RNAV (GPS) Rwy 10**
NA when local weather not available.

PORT CLINTON, OH
ERIE-OTTAWA
INTL (PCW)……..…..**RNAV (GPS) Rwy 9**
RNAV (GPS) Rwy 27
NA when local weather not available.
Category D, 1000-3.

NAME ALTERNATE MINIMUMS

PORTLAND, IN
PORTLAND MUNI (PLD).....**RNAV (GPS) Rwy 9**
RNAV (GPS) Rwy 27[1]
Category D, 800-2¼.
[1]NA when local weather not available.

RAVENNA, OH
PORTAGE
COUNTY (POV).....**RNAV (GPS) Rwy 9**
RNAV (GPS) Rwy 27
VOR-A
NA when local weather not available.

RENSSELAER, IN
JASPER
COUNTY (RZL).....**RNAV (GPS) Rwy 18**
RNAV (GPS) Rwy 36
NA when local weather not available.
Category C, 800-2¼.

ROCHESTER, IN
FULTON
COUNTY (RCR).....**RNAV (GPS) Rwy 11**
RNAV (GPS) Rwy 29
NA when local weather not available.
Category D, 900-2¾.

SHELBYVILLE, IN
SHELBYVILLE
MUNI (GEZ).....**RNAV (GPS) Rwy 1**[1]
RNAV (GPS) Rwy 19[1]
VOR Rwy 19
Category D, 800-2¼.
[1]NA when local weather not available.

SOUTH BEND, IN
SOUTH BEND
INTL (SBN).....**ILS or LOC Rwy 9R**[12]
ILS or LOC Rwy 27L[12]
RNAV (GPS) Rwy 9L[3]
RNAV (GPS) Rwy 9R[3]
RNAV (GPS) Rwy 18[34]
RNAV (GPS) Rwy 27L[3]
RNAV (GPS) Rwy 27R[3]
RNAV (GPS) Rwy 36[3]
VOR Rwy 18[3]
[1]NA when control tower closed.
[2]LOC, Category D, 800-2¼.
[3]Category D, 800-2¼.
[4]NA when local weather not available.

SPRINGFIELD, OH
SPRINGFIELD/BECKLEY
MUNI (SGH).....**RNAV (GPS) Rwy 6**
RNAV (GPS) Rwy 15
RNAV (GPS) Rwy 24
RNAV (GPS) Rwy 33
NA when local weather not available.

NAME ALTERNATE MINIMUMS

STEUBENVILLE, OH
GEARY A BATES/JEFFERSON COUNTY
AIRPARK (2G2).....**RNAV (GPS) Rwy 14**
RNAV (GPS) Rwy 32
Category C, 800-2¼.

TERRE HAUTE, IN
TERRE HAUTE
RGNL (HUF).....**ILS or LOC Rwy 5**[1]
RADAR-1[23]
RNAV (GPS) Rwy 5[4]
RNAV (GPS) Rwy 14[4]
RNAV (GPS) Rwy 23[4]
RNAV (GPS) Rwy 32[4]
VOR Rwy 5[4]
[1]LOC, NA when local weather not available.
[2]Category E, 800-2½.
[3]NA when control tower closed.
[4]NA when local weather not available.

TOLEDO, OH
EUGENE F KRANZ TOLEDO
EXPRESS (TOL).....**ILS Z or LOC Z Rwy 7**[1]
ILS Z or LOC Z Rwy 25[23]
RADAR-1[4]
RNAV (GPS) Rwy 7[4]
RNAV (GPS) Rwy 16[5]
RNAV (GPS) Rwy 25[4]
RNAV (GPS) Rwy 34[5]
[1]ILS, NA when local weather not available; LOC, NA.
[2]ILS, LOC, NA when local weather not available
[3]LOC, Category D, 800-2¼; Category E, 800-2½.
[4]Category D, 800-2¼, Category E, 800-2½.
[5]Category D, 800-2¼.

TOLEDO EXEC (TDZ).....**RNAV (GPS) Rwy 4**
RNAV (GPS) Rwy 32
NA when local weather not available.
Category D, 800-2¼.

URBANA, OH
GRIMES FLD (I74).....**RNAV (GPS) Rwy 2**
RNAV (GPS) Rwy 20
VOR-A
NA when local weather not available.

VALPARAISO, IN
PORTER COUNTY
RGNL (VPZ).....**ILS or LOC Rwy 27**[1]
RNAV (GPS) Rwy 9[2]
RNAV (GPS) Rwy 18
RNAV (GPS) Rwy 27[2]
NA when local weather not available.
[1]LOC, Category D, 900-2¾.
[2]Category D, 900-2¾.

NAME ALTERNATE MINIMUMS

VAN WERT, OH
VAN WERT
COUNTY (VNW)……**RNAV (GPS) Rwy 9**
RNAV (GPS) Rwy 27
NA when local weather not available.
Category D, 900-2¾.

WARSAW, IN
WARSAW MUNI (ASW)…….**RNAV (GPS) Rwy 9**
RNAV (GPS) Rwy 27
NA when local weather not available.

WASHINGTON, IN
DAVIESS
COUNTY (DCY)……...**RNAV (GPS) Rwy 18**
NA when local weather not available.
Category D, 900-2¾.

WASHINGTON COURT HOUSE, OH
FAYETTE COUNTY (I23)…..……**NDB Rwy 23**
RNAV (GPS) Rwy 5
NA when local weather not available.
Category D, 800-2¼.

WILLOUGHBY, OH
LAKE COUNTY
EXEC (LNN)…….....**RNAV (GPS) Rwy 5**[1]
RNAV (GPS) Rwy 10[2]
RNAV (GPS) Rwy 23[3]
RNAV (GPS) Rwy 28[3]
NA when local weather not available.
[1]Categories A, B, 900-2; Category C, 900-2¾.
[2]Categories A, B, 1000-2; Category C, 1000-2¾.
[3]Category C, 900-2¾.

WILMINGTON, OH
WILMINGTON
AIR PARK (ILN)..……..**ILS or LOC Rwy 4L**[1]
ILS or LOC Rwy 22R[1]
RNAV (GPS) Rwy 4L[2]
RNAV (GPS) Rwy 22R[2]
NA when local weather not available.
[1]LOC, Category C, 800-2¼; Category D, 800-2½.
[2]Category C, 800-2¼; Category D, 800-2½.

WOOSTER, OH
WAYNE COUNTY (BJJ)……..**RNAV (GPS) Rwy 10**
RNAV (GPS) Rwy 28
VOR Rwy 10
VOR Rwy 28
NA when local weather not available.
Category D, 800-2¼.

YOUNGSTOWN/WARREN, OH
YOUNGSTOWN/WARREN
RGNL (YNG)……**RADAR-1**
NA when Youngstown approach control closed.
NA when local weather not available.

NAME ALTERNATE MINIMUMS

ZANESVILLE, OH
ZANESVILLE
MUNI (ZZV)..……**RNAV (GPS) Rwy 4**
RNAV (GPS) Rwy 22
NA when local weather not available.
Category D, 800-2¼.

EC-2, 12 JUN 2025 to 07 AUG 2025

RADAR INSTRUMENT APPROACH MINIMUMS

EVANSVILLE, IN

Amdt 7B, 12AUG21 (21224) (FAA) ELEV **422**

EVANSVILLE RGNL (EVV)

RADAR-1 124.025 290.9 T

	RWY GP/TCH/RPI	CAT	DA/ MDA-VIS	HAT/ HAA	CEIL-VIS	CAT	DA/ MDA-VIS	HAT/ HAA	CEIL-VIS
ASR	4	AB	**860**-1	471	(500-1)	CD	**860**-1⅜	471	(500-1⅜)
	18	AB	**880**-1	484	(500-1)	CD	**880**-1⅜	484	(500-1⅜)
	22	AB	**900**/24	478	(500-½)	CD	**900**/50	478	(500-1)
	36	AB	**920**-1	536	(600-1)	CD	**920**-1½	536	(600-1½)
C CIRCLING		A	**940**-1	518	(600-1)	B	**1040**-1	618	(700-1)
		C	**1040**-1¾	618	(700-1¾)	D	**1040-2**	618	(700-2)

When control tower closed, procedure NA.
Rwy 18, 36: Helicopter visibility reduction below ¾ SM not authorized.
Circling Rwy 9 NA at night.
ASR Rwy 22: For inoperative ALS, increase Cats C and D visibility to 1⅜ SM.

EC-2, 12 JUN 2025 to 07 AUG 2025

FORT WAYNE, IN

Amdt 26A, 22JUN17 (17173) (FAA) ELEV **815**

FORT WAYNE INTL (FWA)

RADAR-1 127.2 284.6 T A

	RWY GP/TCH/RPI	CAT	DA/ MDA-VIS	HAT/ HAA	CEIL-VIS	CAT	DA/ MDA-VIS	HAT/ HAA	CEIL-VIS
ASR	32	AB	**1280**/24	480	(500-½)	CDE	**1280**/50	480	(500-1)
	23	AB	**1300**/55	501	(500-1¼)	CDE	**1300**-1⅜	501	(500-1⅜)
	14	AB	**1320**-1	518	(600-1)	CDE	**1320**-1⅜	518	(600-1⅜)
	5	AB	**1320**/24	505	(600-½)	CDE	**1320**/55	505	(600-1¼)
C CIRCLING		AB	**1320**-1	505	(600-1)	C	**1420**-1¾	605	(700-1¾)
		D	**1520**-2¼	705	(800-2¼)	E	**1520**-2½	705	(800-2½)

Rwy 23 helicopter visibility reduction below RVR 4000 NA.
For inoperative ALS, increase S-5 and S-32 CAT C/D/E visibility to 1⅜ SM

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TERRE HAUTE, IN

Amdt 5C, 25FEB21 (21056) (FAA) ELEV **589**

TERRE HAUTE RGNL (HUF)

RADAR-1 125.45 339.8 T A

	RWY	GP/TCH/RPI	CAT	DA/ MDA-VIS	HAT/ HAA	CEIL-VIS	CAT	DA/ MDA-VIS	HAT/ HAA	CEIL-VIS
ASR	32		AB	**980**-1	391	(400-1)	CDE	**980**-1⅞	391	(400-1⅞)
	23		AB	**1100**-1	518	(600-1)	CDE	**1100**-1⅞	518	(600-1⅞)
	5		AB	**1220**/24	642	(700-½)	CDE	**1220**-1⅞	642	(700-1⅞)
C CIRCLING			AB	**1220**-1	631	(700-1)	C	**1220**-1⅞	631	(700-1⅞)
			D	**1220**-2	631	(700-2)	E	**1400**-3	811	(900-3)

Circling NA NW of Rwy 5-23 for Cat E aircraft.
When control tower closed, procedure NA.
Rwy 5, for inoperative ALS, increase Cat E visibility to 1⅞ SM.
Rwy 32, helicopter visibility reduction below ¾ SM NA.

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TOLEDO, OH

Amdt 19D, 10SEP20 (20254) (FAA) ELEV **683**

EUGENE F KRANZ TOLEDO EXPRESS (TOL)

RADAR-1 134.35 317.55 T A

	RWY	GP/TCH/RPI	CAT	DA/ MDA-VIS	HAT/ HAA	CEIL-VIS	CAT	DA/ MDA-VIS	HAT/ HAA	CEIL-VIS
ASR	25		AB	**1040**/24	362	(400-½)	C	**1040**/35	362	(400-⅝)
			DE	**1040**/55	362	(400-1)				
	16		ABC	**1060**-1	386	(400-1)	DE	**1060**-1¼	386	(400-1¼)
	34		AB	**1080**-1	412	(500-1)	CD	**1080**-1¼	412	(500-1¼)
			E	**1080**-1½	412	(500-1½)				
	7		AB	**1140**/24	457	(500-½)	C	**1140**/45	457	(500-1⅞)
			DE	**1140**/50	457	(500-1)				
C CIRCLING			AB	**1200**-1	517	(600-1)	C	**1300**-1¾	617	(700-1¾)
			D	**1360**-2¼	677	(700-2¼)	E	**1400**-2½	717	(800-2½)

When Control Tower closed, ASR NA.
Rwy 16 helicopter visibility reduction below ¾ SM not authorized.
Rwy 34 helicopter visibility reduction below ¾ SM not authorized.
For inoperative ALS, increase S-7 CAT D/E visibility to 1⅜ SM.
For inoperative ALS, increase S-25 CAT C/E visibility to RVR 5500.

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RADAR INSTRUMENT APPROACH MINIMUMS

YOUNGSTOWN/WARREN, OH Amdt 15, 16MAY24 (24137) (FAA) ELEV **1192**

YOUNGSTOWN/WARREN RGNL (YNG)

RADAR-1 133.95 322.3 T A

	RWY	GP/TCH/RPI	CAT	DA/ MDA-VIS	HAT/ HAA	CEIL-VIS	CAT	DA/ MDA-VIS	HAT/ HAA	CEIL-VIS
ASR	14		AB	**1540**-½	406	(500-½)	CD	**1540**-¾	406	(500-¾)
	5		ABCD	**1540**-1	376	(400-1)				
	32		AB	**1600**/24	414	(500-½)	CD	**1600**/40	414	(500-¾)
	23		AB	**1600**-1	408	(500-1)	CD	**1600**-1⅛	408	(500-1⅛)
CIRCLING			A	**1640**-1	448	(500-1)	B	**1660**-1	468	(500-1)
			C	**1740**-1½	548	(600-1½)	D	**1760**-2	568	(600-2)

Straight-in and Circling Rwy 5 NA at night.
Straight-in and Circling Rwy 23 NA at night.
Rwy 5 helicopter visibility reduction below 1 SM NA.
Rwy 23 helicopter visibility reduction below 1 SM NA.
For inoperative ALS increase ASR-14 Cat C/D visibility to 1⅛ SM.
For inoperative ALS increase ASR-32 Cat C/D visibility to RVR 6000.

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RADAR INSTRUMENT APPROACH MINIMUMS

RADAR MINS
24137

N3

22307

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
AKRON, OH			
AKRON-CANTON RGNL (CAK)	05	01-19	5,723 feet
	19	05-23	3,100 feet
LAFAYETTE, IN			
PURDUE UNIVERSITY (LAF)	10	05-23	4,600 feet
MANSFIELD, OH			
MANSFIELD LAHM RGNL (MFD)	05	14-32	4,363 feet
	14	05-23	6,100 feet
MUNCIE, IN			
DELAWARE COUNTY RGNL (MIE)	14	03-21	4,300 feet
	21	14-32	3,500 feet
TERRE HAUTE, IN			
TERRE HAUTE RGNL (HUF)	05	14-32	7,240 feet
	32	05-23	4,237 feet

22307

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25051

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 ellipses 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*
CINCINNATI, OH		
CINCINNATI MUNI/ LUNKEN FLD (LUK)	HS 1	Departing acft on Rwy 21 can expect to hold short of Rwy 25 on Twy A.
	HS 2	Terminal ramp and Rwy 07, need ATC authorization to depart terminal ramp area.
CLEVELAND, OH		
BURKE LAKEFRONT (BKL)	HS 1	Short taxi distance from the ramp to Rwy 06 L/R. Twy Alpha often
COLUMBUS, OH		
OHIO STATE UNIVERSITY (OSU)	HS 1	When holding short of Rwy 09R, aircraft must clear Rwy 05 hold short line on Twy A, west of Rwy 05.
	HS 2	Rwy 05 hold short line close proximity to west ramp on Twy A.
	HS 3	Int Rwy 27R, Rwy 23 -wrong rwy departure risk.
COLUMBUS, OH		
JOHN GLENN COLUMBUS INTL (CMH)	HS 1	Area not visible from the twr.
DAYTON, OH		
JAMES M COX DAYTON INTL (DAY)	HS 1	Taxiing via Twy D, Rwy 36, Twy H.
EVANSVILLE, IN		
EVANSVILLE RGNL (EVV)	HS 1	Twy G and Rwy 18-36, rwy in close proximity of ramp. Be prepared to hold short of the rwy entering twy G.
	HS 2	Rwy 27 and Twy A.
FORT WAYNE, IN		
FORT WAYNE INTL (FWA)	HS 1	Short taxi distance from West Ramp when departing C2 int. Aircraft tend to miss turn onto TWY C from West Ramp.
YOUNGSTOWN/WARREN, OH		
YOUNGSTOWN/WARREN RGNL (YNG)	HS 1	Twy H and Rwy 05-23, rwy in close proximity of ramp. Be prepared to hold short of the rwy entering Twy H.

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

25051

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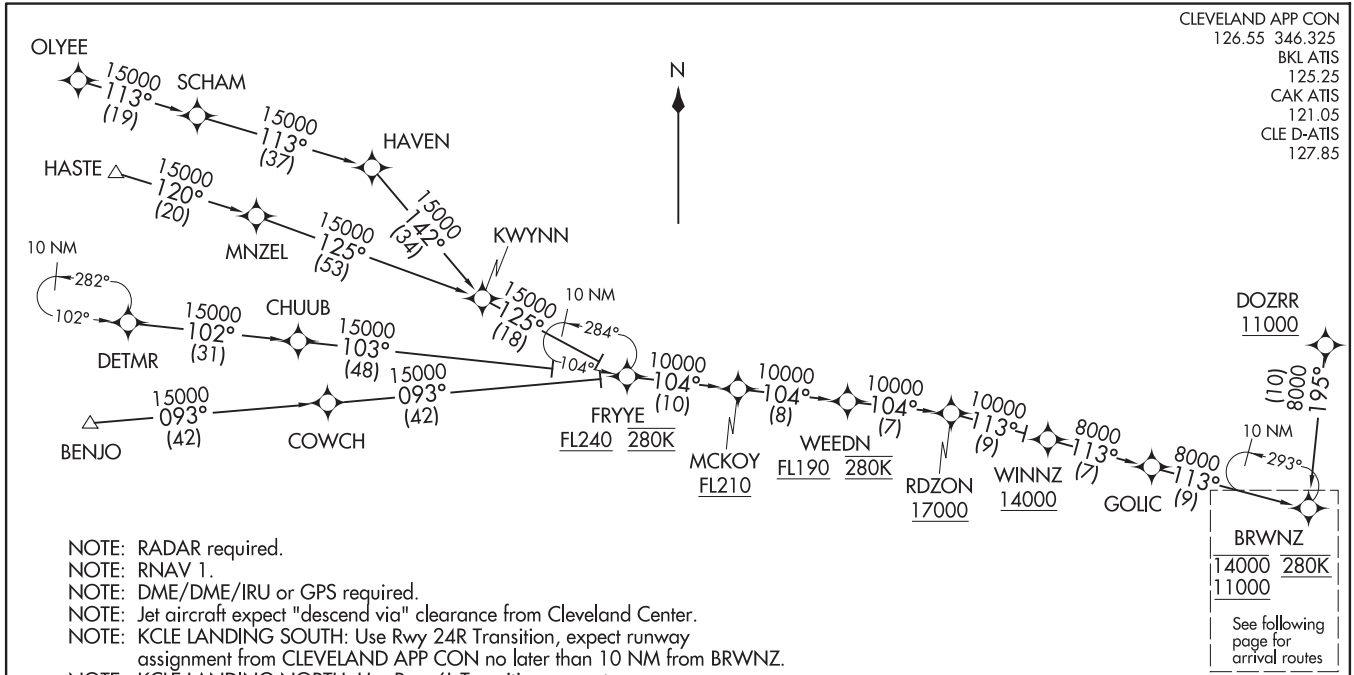
BRWNZ FOUR ARRIVAL (RNAV) Transition Routes

(BRWNZ.BRWNZ4) 22APR21

CLEVELAND, OHIO



NOTE: RADAR required.
NOTE: RNAV 1.
NOTE: DME/DME/IRU or GPS required.
NOTE: Jet aircraft expect "descend via" clearance from Cleveland Center.
NOTE: KCLE LANDING SOUTH: Use Rwy 24R Transition, expect runway assignment from CLEVELAND APP CON no later than 10 NM from BRWNZ.
NOTE: KCLE LANDING NORTH: Use Rwy 6L Transition, expect runway assignment from CLEVELAND APP CON no later than 10 NM from BRWNZ.
NOTE: OLYEE TRANSITION: Do not file - to be assigned by ATC.
NOTE: DOZRR TRANSITION: Except for flights originating in Canada, do not file - to be assigned by ATC.
NOTE: BENJO TRANSITION: For use by turbojet aircraft only.
NOTE: WINNZ TRANSITION: For Detroit Metropolitan Area departures only.

NOTE: Chart not to scale.

(CONTINUED ON FOLLOWING PAGE)

BENJO TRANSITION (BENJO.BRWNZ4)
DETMR TRANSITION (DETMR.BRWNZ4)
DOZRR TRANSITION (DOZRR.BRWNZ4)
FRYYE TRANSITION (FRYYE.BRWNZ4)
HASTE TRANSITION (HASTE.BRWNZ4)
OLYEE TRANSITION (OLYEE.BRWNZ4)
WINNZ TRANSITION (WINNZ.BRWNZ4)

BRWNZ FOUR ARRIVAL (RNAV) Transition Routes

(BRWNZ.BRWNZ4) 22139

CLEVELAND, OHIO

Z1

AL-84 (FAA)

(BRWNZ.BRWNZ4) 23110

BRWNZ FOUR ARRIVAL (RNAV) Arrival Routes

CLEVELAND, OHIO

BRWNZ FOUR ARRIVAL (RNAV) Arrival Routes

CLEVELAND, OHIO

(BRWNZ.BRWNZ4) 22APR21

(BRWNZ.BRWNZ4) 23110

BRWNZ FOUR ARRIVAL (RNAV)

CLEVELAND, OHIO

ARRIVAL ROUTE DESCRIPTION

LANDING KCLE RUNWAYS 6L/R: From BRWNZ on track 180° to cross MAAAK at or above 7000, then on track 181° to cross KLLAY between 6000 and 7000, then on track 182° to cross JIIMM between 5000 and 6000, then on track 182° to cross HICKR at 5000 and at 210K, then on heading 241° or as assigned by ATC. Expect ILS, RNAV (RNP), or RNAV (GPS) approach from HICKR, or RADAR vectors to final approach course.

LANDING KCLE RUNWAYS 24L/R: From BRWNZ on track 129° to cross TRRKY at or above 7000, then on track 130° to cross QUUBE between 6000 and 7000, then on track 130° to cross DEEKN between 5000 and 6000, then on track 130° to cross LLROY at 5000 and at 210K, then on heading 056° or as assigned by ATC. Expect ILS, RNAV (RNP), or RNAV (GPS) approach from LLROY, or RADAR vectors to final approach course.

LANDING KCLE RUNWAY 28: From BRWNZ on track 129° to cross TRRKY at or above 7000, then on track 149° to cross DYXON at 7000, then on track 145° to cross OZZYY at 7000 and at 210K, then on heading 101° or as assigned by ATC. Expect RADAR vectors to final approach course.

LANDING 1G3/KAKR: From BRWNZ on track 151° to cross USASN at 11000, then on track 100°. Expect RADAR vectors to final approach course.

LANDING KLPR/KLNN/KCGF/KBKL: From BRWNZ on track 105° to SLOTR, then on track 105° to cross SIIPE at 7000, then on track 105°. Expect RADAR vectors to final approach course.

LANDING KCAK: From BRWNZ on track 151° to cross USASN at 11000, then on track 120°. Expect RADAR vectors to final approach course.

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BRWNZ FOUR ARRIVAL (RNAV)

CLEVELAND, OHIO

CBUSS TWO ARRIVAL (RNAV)

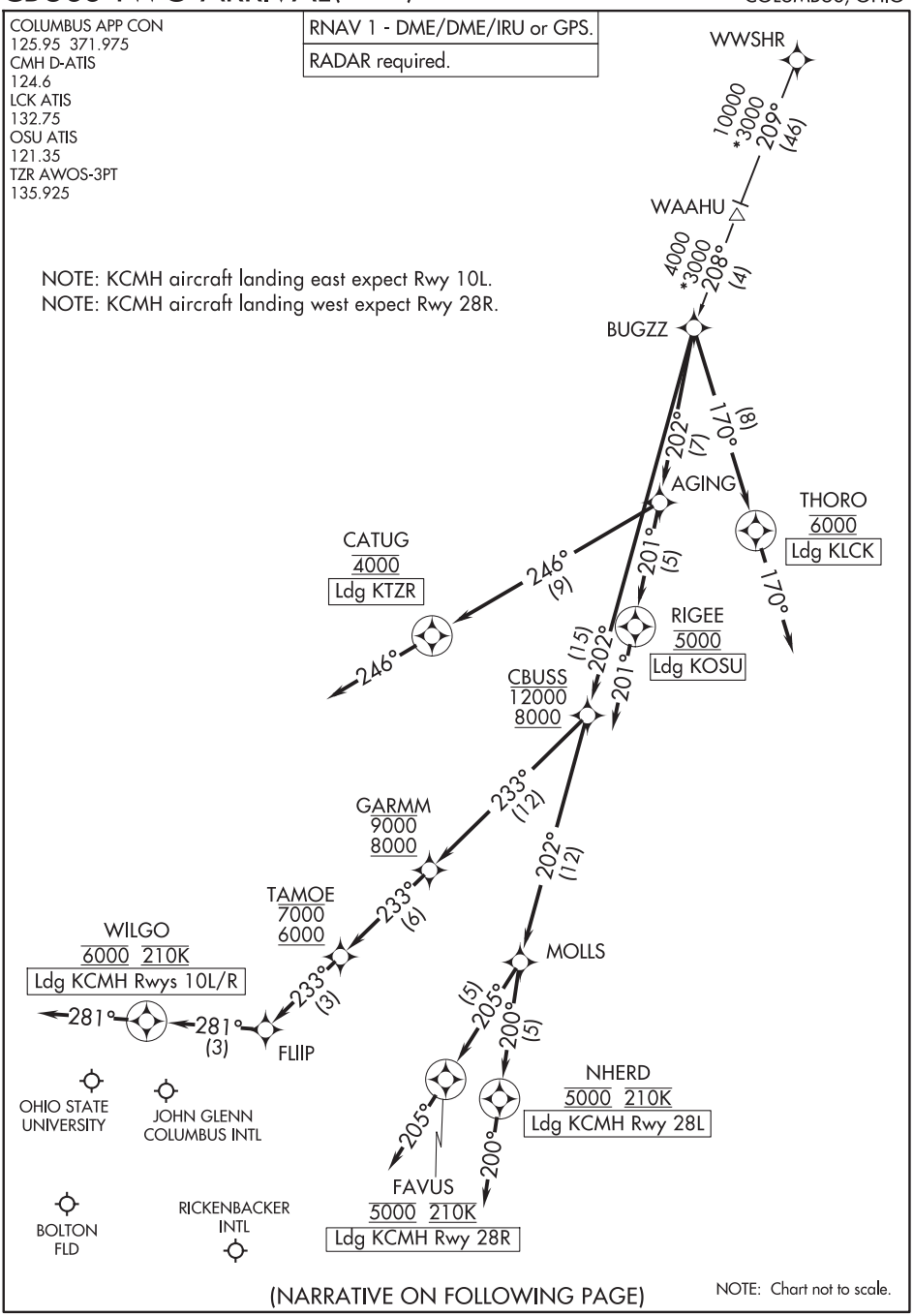
COLUMBUS, OHIO

EC-2, 12 JUN 2025 to 07 AUG 2025

COLUMBUS APP CON
125.95 371.975
CMH D-ATIS
124.6
LCK ATIS
132.75
OSU ATIS
121.35
TZR AWOS-3PT
135.925

RNAV 1 - DME/DME/IRU or GPS.
RADAR required.

NOTE: KCMH aircraft landing east expect Rwy 10L.
NOTE: KCMH aircraft landing west expect Rwy 28R.



(NARRATIVE ON FOLLOWING PAGE)

NOTE: Chart not to scale.

CBUSS TWO ARRIVAL (RNAV)

COLUMBUS, OHIO

ARRIVAL ROUTE DESCRIPTION

WWSHR TRANSITION (WWSHR.CBUSS2)

KCMH: From BUGZZ on track 202° to cross CBUSS between 8000 and 12000.

LANDING KCMH RUNWAYS 10L/R: From CBUSS on track 233° to cross GARMM between 8000 and 9000, then on track 233° to cross TAMOE between 6000 and 7000, then on track 233° to FLIIP, then on track 281° to cross WILGO at 6000 and at 210K, then on track 281°. Expect RADAR vectors to final approach course.
LANDING KCMH RUNWAY 28L: From CBUSS on track 202° to MOLLS, then on track 200° to cross NHERD at 5000 and at 210K, then on track 200°. Expect RADAR vectors to ILS or LOC Rwy 28L approach.
LANDING KCMH RUNWAY 28R: From CBUSS on track 202° to MOLLS, then on track 205° to cross FAVUS at 5000 and at 210K, then on track 205°. Expect RADAR vectors to ILS or LOC Rwy 28R approach.

LANDING KLCK: From BUGZZ on track 170° to cross THORO at 6000, then on track 170°. Expect RADAR vectors to final approach course.

LANDING KOSU: From BUGZZ on track 202° to AGING, then on track 201° to cross RIGEE at 5000, then on track 201°. Expect RADAR vectors to final approach course.

LANDING KTZR: From BUGZZ on track 202° to AGING, then on track 246° to cross CATUG at 4000, then on track 246°. Expect RADAR vectors to final approach course.

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DAYTON TRANSITION (DQN. CLANG7): From over DQN VOR/DME via DQN R-287 and MIE R-109 to MIE VOR/DME, then via MIE R-244 to CLANG. Thence....

EMPTY TRANSITION (EMPTY.CLANG7): From over EMPTY via DQN R-094 to DQN VOR/DME, then via DQN R-287 and MIE R-109 to MIE VOR/DME, then via MIE R-244 to CLANG. Thence....

FORT WAYNE TRANSITION (FWA.CLANG7): From over FWA VORTAC via FWA R-198 and MIE R-015 to MIE VOR/DME, then via MIE R-244 to CLANG. Thence....

ROSEWOOD TRANSITION (ROD.CLANG7): From over ROD VORTAC via ROD R-273 and MIE R-090 to MIE VOR/DME, then via MIE R-244 to CLANG. Thence....

....from over CLANG, expect vectors to final approach course.

LOST COMMUNICATIONS:

LANDING IND: In the event of lost communication prior to runway assignment, execute the ILS Runway 23R approach.

NOTE: Radar required.

NOTE: Chart not to acale.

CLANG SEVEN ARRIVAL
(CLANG.CLANG7) 27APR17
INDIANAPOLIS, INDIANA

CLPRR THREE ARRIVAL (RNAV)

COLUMBUS, OHIO

EC-2, 12 JUN 2025 to 07 AUG 2025

CLPRR THREE ARRIVAL (RNAV)
COLUMBUS, OHIO

ARRIVAL ROUTE DESCRIPTION

BELLAIRE TRANSITION (AIR.CLPRR3)
ZANDR TRANSITION (ZANDR.CLPRR3)

CMH: From CLPRR on track 313° to HWKNG.

LANDING CMH RUNWAY 10L/R: From HWKNG on track 303° to BLOKO, then on track 281° to cross PAYJJ at 8000 and at 210K, then on track 281°. Expect RADAR vectors to final approach course.

LANDING CMH RUNWAY 28L: From HWKNG on track 327° to cross HAMON at 4000, then on track 327°. Expect RADAR vectors for ILS Rwy 28L approach.

LANDING CMH RUNWAY 28R: From HWKNG on track 328° to cross YELYU at 4000, then on track 328°. Expect RADAR vectors for ILS Rwy 28R approach.

LANDING TZR/LCK: From CLPRR on track 313° to DAYVE, then on track 268° to cross JIDAN at 9000, then on track 268°. Expect RADAR vectors to final approach course.

LANDING OSU: From CLPRR on track 313° to DAYVE, then on track 011° to cross WHEEN at 9000, then on track 011°. Expect RADAR vectors to final approach course.

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EC-2, 12 JUN 2025 to 07 AUG 2025

(APE.DANEI3) 24137

DANEI THREE ARRIVAL

AL-107 (FAA)

DAYTON, OHIO

APPLETON TRANSITION (APE.DANEI3): From over APE VORTAC on APE R-280 to DANEI. Thence....

....From over DANEI on heading 253°. Expect RADAR vectors to final approach course.

LOST COMMUNICATIONS:
In the event of lost comunications: At DANEI, proceed direct DQN VOR/DME maintain 3000' until DQN VOR/DME.

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EC-2, 12 JUN 2025 to 07 AUG 2025

DANEI THREE ARRIVAL

(APE.DANEI3) 10OCT19

DAYTON, OHIO

DUBLIN ONE ARRIVAL (RNAV)

(MELZZ.DUBLN1) 12AUG21

COLUMBUS, OHIO

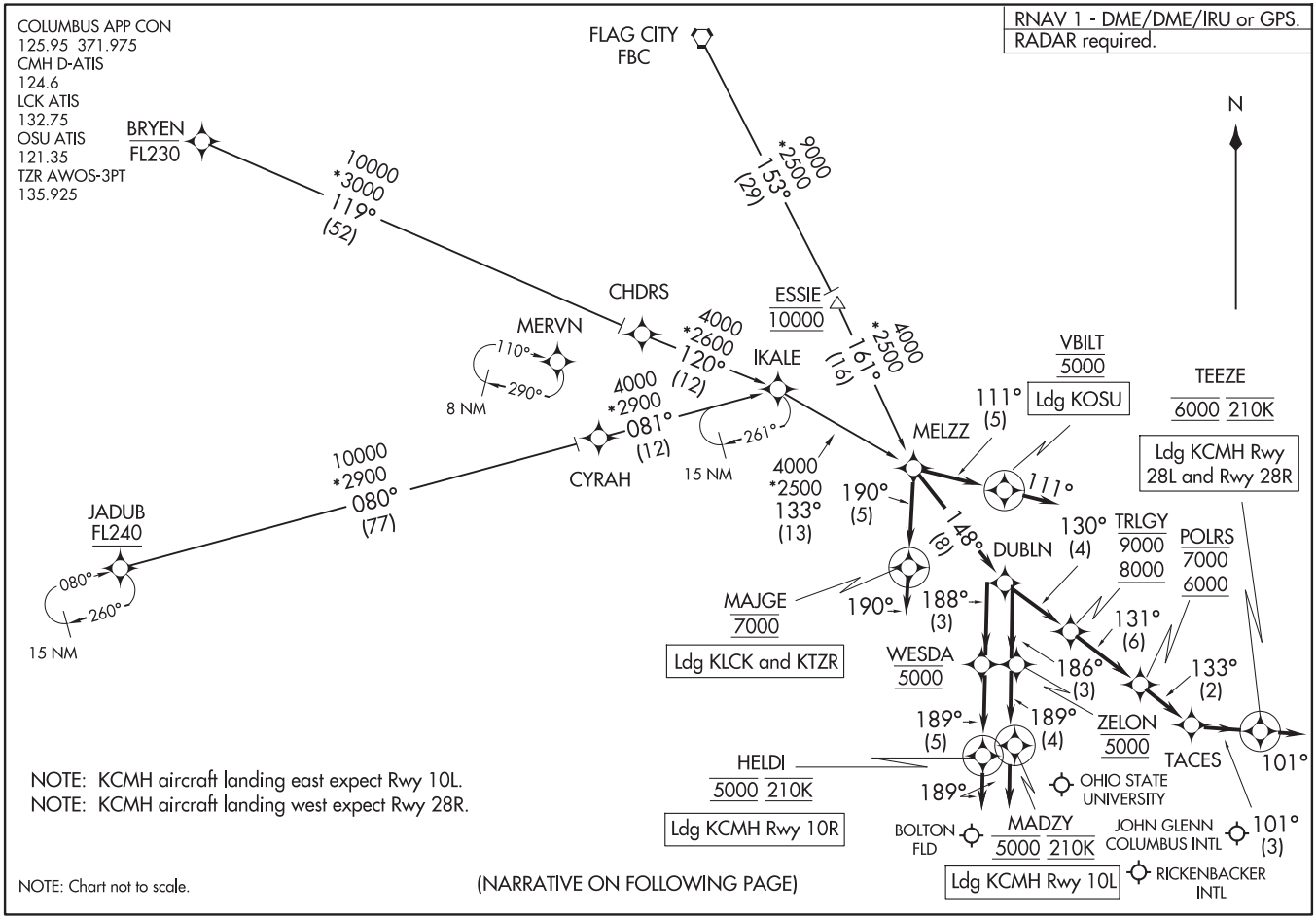
DUBLIN ONE ARRIVAL (RNAV)

(MELZZ.DUBLN1) 23166

COLUMBUS, OHIO

AL-94 (FAA)

Z10



ARRIVAL ROUTE DESCRIPTION

BRYEN TRANSITION (BRYEN.DUBLN1):
ESSIE TRANSITION (ESSIE.DUBLN1):
FLAG CITY TRANSITION (FBC.DUBLN1):
JADUB TRANSITION (JADUB.DUBLN1):

KCMH: From MELZZ on track 148° to DUBLN.

LANDING KCMH RUNWAY 10L: From DUBLN on track 186° to cross ZELON at 5000, then on track 189° to cross MADZY at 5000 and at 210K, then on track 189°. Expect RADAR vectors to ILS or LOC Rwy 10L approach.
LANDING KCMH RUNWAY 10R: From DUBLN on track 188° to cross WESDA at 5000, then on track 189° to cross HELDI at 5000 and at 210K, then on track 189°. Expect RADAR vectors to ILS or LOC Rwy 10R approach.
LANDING KCMH RUNWAY 28L/R: From DUBLN on track 130° to cross TRLGY between 8000 and 9000, then on track 131° to cross POLRS between 6000 and 7000, then on track 133° to TACES, then on track 101° to cross TEEZE at 6000 and at 210K, then on track 101°. Expect RADAR vectors to final approach course.

LANDING KTZR/KLCK: From MELZZ on track 190° to cross MAJGE at 7000, then on track 190°. Expect RADAR vectors to final approach course.

LANDING KOSU: From MELZZ on track 111° to cross VBILT at 5000, then on track 111°. Expect RADAR vectors to final approach course.

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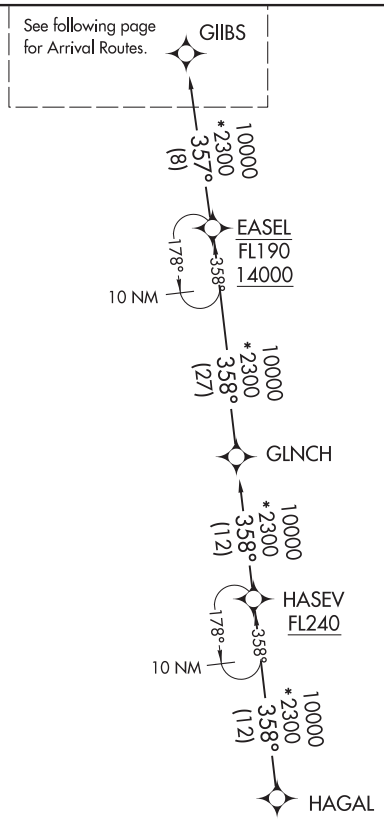
GIIBS FOUR ARRIVAL (RNAV) Transition Routes

INDIANAPOLIS APP CON
128.175 317.8
D-ATIS 134.25

RNAV 1 - DME/DME/IRU or GPS.
RADAR required.



EASEL TRANSITION (EASEL.GIIBS4):
HAGAL TRANSITION (HAGAL.GIIBS4):

NOTE: Expect descend via clearance and landing direction assignment by Indianapolis Center. Approach will assign landing rwy.
NOTE: EASEL TRANSITION for SDF terminal area departures only.
NOTE: For non-GPS equipped aircraft landing Rwy 14; SHB DME must be operational.
NOTE: KIND landing southwest select Rwy 23L transition. Expect runway assignment from Indianapolis APP CON prior to GIIBS.
NOTE: KIND landing northeast select Rwy 5R transition. Expect runway assignment from Indianapolis APP CON prior to GIIBS.

(CONTINUED ON FOLLOWING PAGE)

NOTE: Chart not to scale.

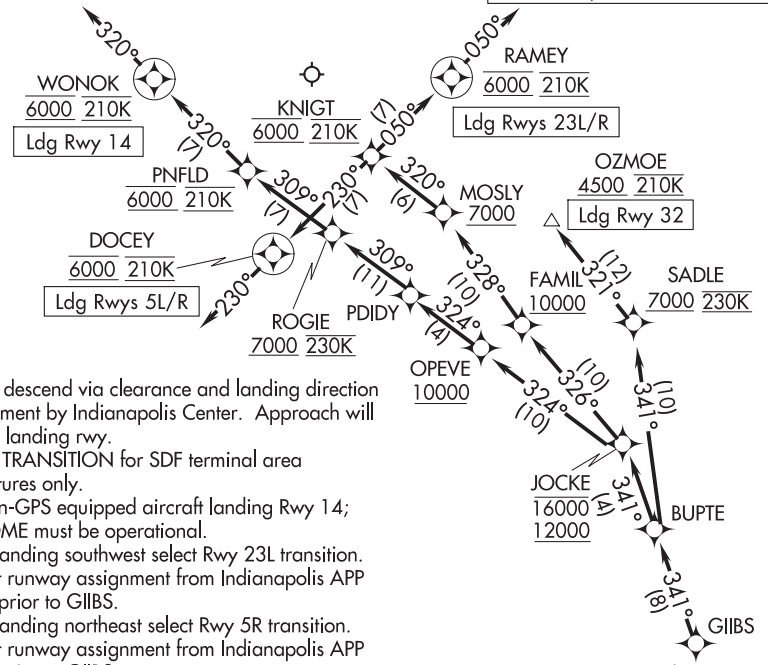
EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

(GIIBS.GIIBS4) 24193
GIIBS FOUR ARRIVAL (RNAV) Arrival Routes

INDIANAPOLIS INTL (IND)
INDIANAPOLIS, INDIANA

INDIANAPOLIS APP CON
128.175 317.8
D-ATIS 134.25

RNAV 1 - DME/DME/IRU or GPS.
RADAR required.



NOTE: Expect descend via clearance and landing direction assignment by Indianapolis Center. Approach will assign landing rwy.

NOTE: EASEL TRANSITION for SDF terminal area departures only.

NOTE: For non-GPS equipped aircraft landing Rwy 14; SHB DME must be operational.

NOTE: KIND landing southwest select Rwy 23L transition. Expect runway assignment from Indianapolis APP CON prior to GIIBS.

NOTE: KIND landing northeast select Rwy 5R transition. Expect runway assignment from Indianapolis APP CON prior to GIIBS.

NOTE: Chart not to scale.

ARRIVAL ROUTE DESCRIPTION

From GIIBS on track 341° to BUPTE.

LANDING RUNWAYS 5L/R: From BUPTE on track 341° to cross JOCKE between 12000 and 16000, then on track 326° to cross FAMIL at or above 10000, then on track 328° to cross MOSLY at or above 7000, then on track 320° to cross KNIGT at 6000 and at 210K, then on track 230° to cross DOCEY at 6000 and at 210K, then on track 230°. Expect RADAR vectors to final approach course.

LANDING RUNWAY 14: From BUPTE on track 341° to cross JOCKE between 12000 and 16000, then on track 324° to cross OPEVE at or above 10000, then on track 324° to PDIDY, then on track 309° to cross ROGIE at or above 7000 and at 230K, then on track 309° to cross PNFLD at 6000 and at 210K, then on track 320° to cross WONOK at 6000 and at 210K, then on track 320°. Expect RADAR vectors to final approach course.

LANDING RUNWAYS 23L/R: From BUPTE on track 341° to cross JOCKE between 12000 and 16000, then on track 326° to cross FAMIL at or above 10000, then on track 328° to cross MOSLY at or above 7000, then on track 320° to cross KNIGT AT 6000 and at 210K, then on track 050° to cross RAMEY at 6000 and at 210K, then on track 050°. Expect RADAR vectors to final approach course.

LANDING RUNWAY 32: From BUPTE on track 341° to cross SADLE at or above 7000 and at 230K, then on track 321° to cross OZMOE at or above 4500 and at 210K. Expect RNP, GPS, ILS or LOC RWY 32 approach or RADAR vectors to final approach course.

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HUUVR ONE ARRIVAL (RNAV)

(HUUVR.HUUVR1) 24MAY18

CLEVELAND APP CON★
125.5 371.875
CAK ATIS
121.05

NOTE: RADAR required.
NOTE: RNAV 1.
NOTE: DME/DME/IRU or GPS required.

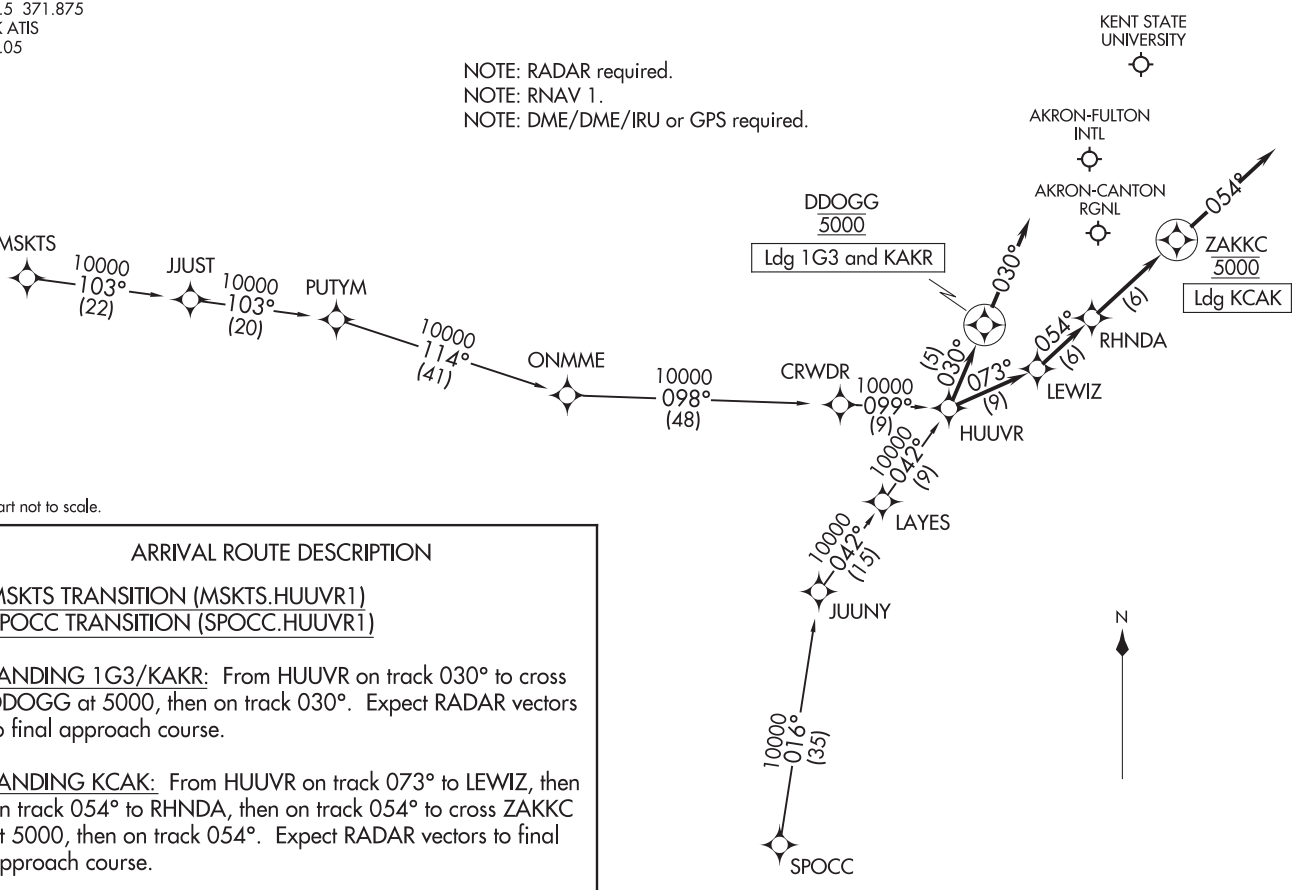


Chart not to scale.

ARRIVAL ROUTE DESCRIPTION

MSKTS TRANSITION (MSKTS.HUUVR1)
SPOCC TRANSITION (SPOCC.HUUVR1)

LANDING 1G3/KAKR: From HUUVR on track 030° to cross DDOGG at 5000, then on track 030°. Expect RADAR vectors to final approach course.

LANDING KCAK: From HUUVR on track 073° to LEWIZ, then on track 054° to RHNDA, then on track 054° to cross ZAKKC at 5000, then on track 054°. Expect RADAR vectors to final approach course.

(HUUVR.HUUVR1) 20198
HUUVR ONE ARRIVAL (RNAV)

AL-638 (FAA)

AKRON, OHIO

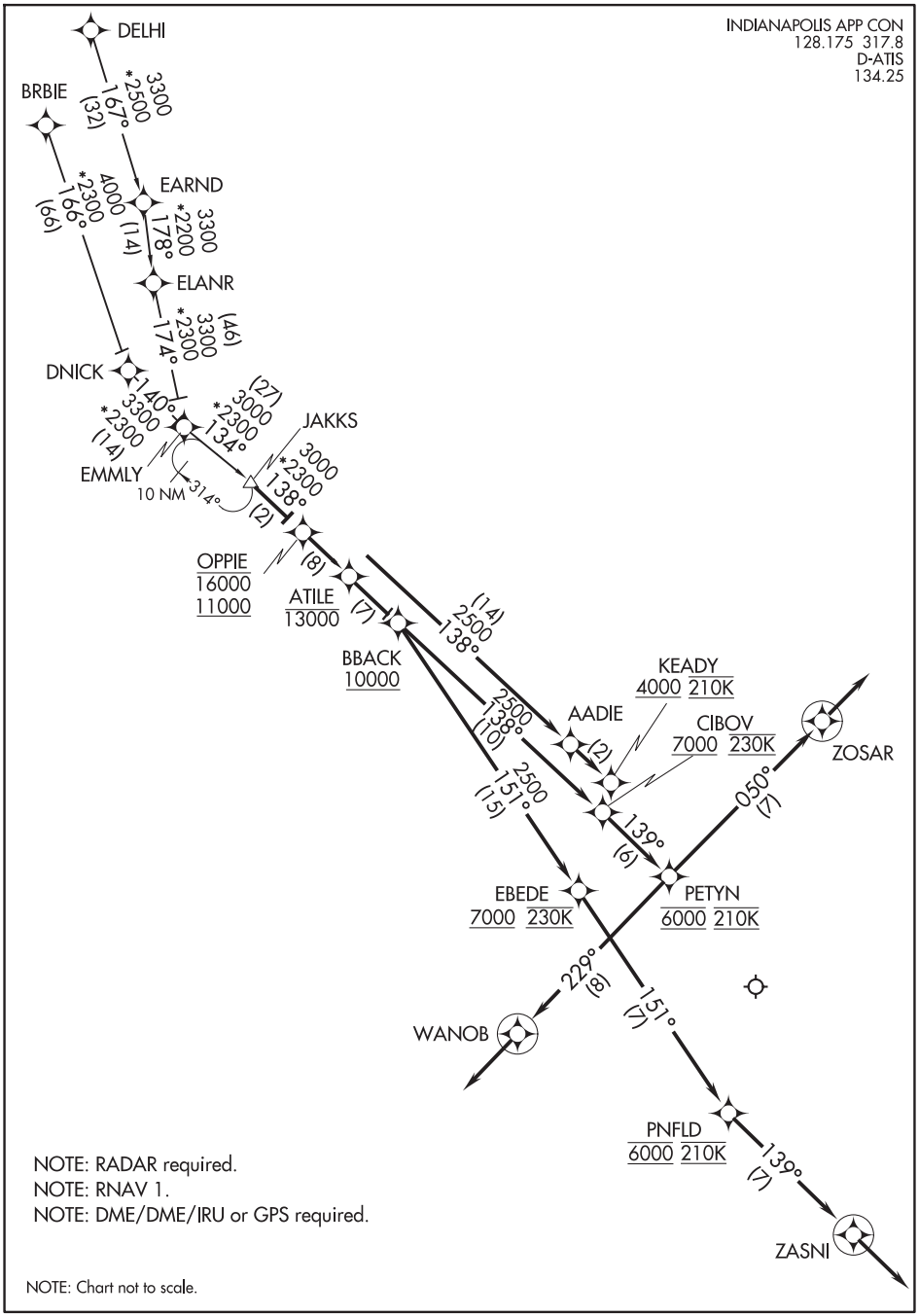
AKRON, OHIO

Z14

(JAKKS.JAKKS2) 24137 AL-203 (FAA)

JAKKS TWO ARRIVAL (RNAV)

INDIANAPOLIS INTL (IND)
INDIANAPOLIS, INDIANA



EC-2, 12 JUN 2025 to 07 AUG 2025

JAKKS TWO ARRIVAL (RNAV)
(JAKKS.JAKKS2) 10NOV16

INDIANAPOLIS, INDIANA
INDIANAPOLIS INTL (IND)

ARRIVAL ROUTE DESCRIPTION

BRBIE TRANSITION (BRBIE.JAKKS2):
DELHI TRANSITION (DELHI.JAKKS2):
ELANR TRANSITION (ELANR.JAKKS2):

From JAKKS on track 138° to cross OPPIE between 11000 and 16000, then on track 138° to cross ATILE at or below 13000.

LANDING RWY 5L/R: From ATILE on track 138° to cross BBACK at or above 10000, then on track 138° to cross CIBOV at or above 7000 and at 230K, then on track 139° to cross PETYN at 6000 and at 210K, then on track 229° to WANOB, then on track 229°. Expect radar vectors to final approach course.

LANDING RWY 14: From ATILE on track 138° to AADIE, then on track 138° to cross KEADY at or above 4000 and at 210K. Expect RNAV (RNP), RNAV (GPS) or ILS or LOC Rwy 14 or radar vectors to final approach course.

LANDING RWY 23L/R: From ATILE on track 138° to cross BBACK at or above 10000, then on track 138° to cross CIBOV at or above 7000 and at 230K, then on track 139° to cross PETYN at 6000 and at 210K, then on track 050° to ZOSAR, then on track 050°. Expect radar vectors to final approach course.

LANDING RWY 32: From ATILE on track 138° to cross BBACK at or above 10000, then on track 151° to cross EBEDE at or above 7000 and at 230K, then on track 151° to cross PNFLD at 6000 and at 210K, then on track 139° to ZASNI, then on track 139°. Expect radar vectors to final approach course.

LOST COMMUNICATIONS: In the event of lost communication prior to runway assignment, execute ILS or LOC RWY 23R approach.

EC-2, 12 JUN 2025 to 07 AUG 2025

(JAKTZ.JAKTZ2) 25163

JAKTZ TWO ARRIVAL (RNAV)

COLUMBUS, OHIO

JAKTZ TWO ARRIVAL
COLUMBUS, OHIO

(JAKTZ.JAKTZ2) 23FEB23

EC-2, 12 JUN 2025 to 07 AUG 2025

ARRIVAL ROUTE DESCRIPTION

GETTA TRANSITION (GETTA.JAKTZ2)
JUDDI TRANSITION (JUDDI.JAKTZ2)

KCMH: From JAKTZ on track 045° to RSCOT.

LANDING KCMH RUNWAY 10L: From RSCOT on track 031° to cross SHMDT at 5000, then on track 031° to WATSU, then on track 039° to cross YUKAN at 5000 and at 210K, then on track 039°. Expect RNAV (RNP) Z Rwy 10L or RADAR vectors to ILS or LOC RWY 10L approach.
LANDING KCMH RUNWAY 10R: From RSCOT on track 031° to cross SHMDT at 5000, then on track 031° to WATSU, then on track 044° to cross HANTI at 5000 and at 210K, then on track 044°. Expect RNAV (RNP) Z Rwy 10R or RADAR vectors to ILS or LOC Rwy 10R approach.
LANDING KCMH RUNWAY 28L/R: From RSCOT on track 063° to OBETZ, then on track 063° to cross ELUPY between 8000 and 9000, then on track 063° to cross EDWIB at or above 7000, then on track 063° to GAGBE, then on track 101° to cross JESCE at 6000 and at 210K, then on track 101°. Expect RADAR vectors to final approach course.

LANDING KLCK: From JAKTZ on track 080° to cross PAAPP at 10000, then on track 080°. Expect RADAR vectors to final approach course.

LANDING KOSU: From JAKTZ on track 020° to cross RIBLE at 10000, then on track 020°. Expect RADAR vectors to final approach course.

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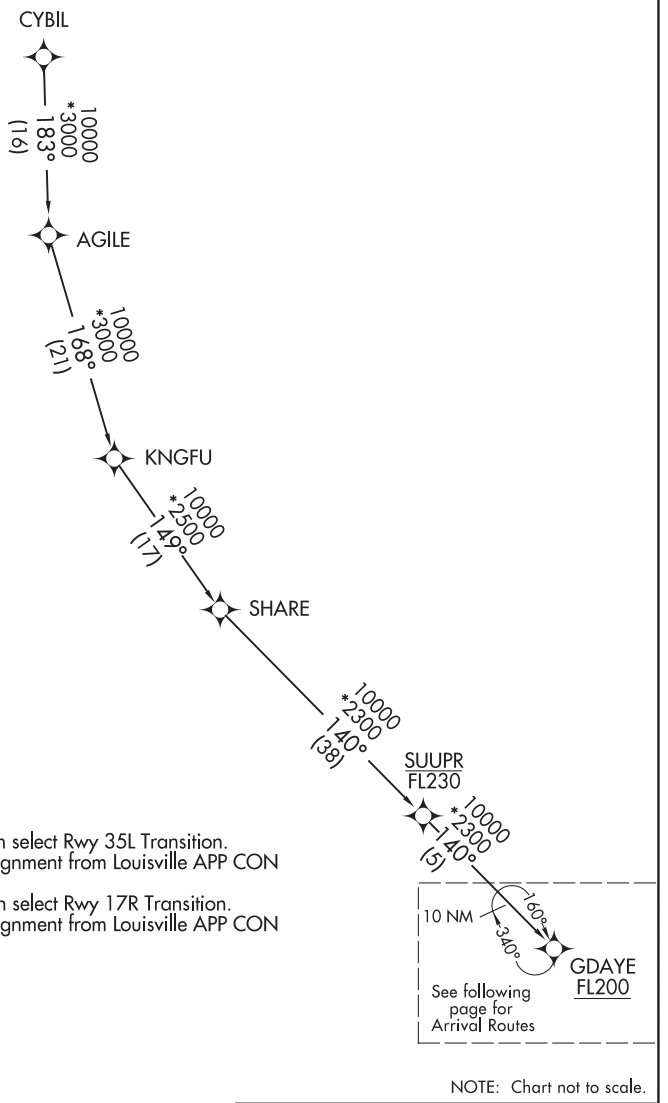
(JMONY.JMONY2) 25051

JMONY TWO ARRIVAL (RNAV) Transition Routes

LOUISVILLE, KENTUCKY

LOUISVILLE APP CON
132.075 327.0
SDF D-ATIS
118.725
LOU ATIS
124.15

RNAV 1 - DME/DME/IRU or GPS.
RADAR required.



NOTE: Jet aircraft only.
NOTE: KSDF landing north select Rwy 35L Transition. Expect runway assignment from Louisville APP CON prior to LISZA.
NOTE: KSDF landing south select Rwy 17R Transition. Expect runway assignment from Louisville APP CON prior to LISZA.

NOTE: Chart not to scale.

CYBIL TRANSITION (CYBIL.JMONY2)
SHARE TRANSITION (SHARE.JMONY2)

(CONTINUED ON FOLLOWING PAGE)

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

JMONY TWO ARRIVAL (RNAV) Arrival Routes

LOUISVILLE, KENTUCKY

EC-2, 12 JUN 2025 to 07 AUG 2025

JMONY TWO ARRIVAL (RNAV) Arrival Routes

LOUISVILLE, KENTUCKY

EC-2, 12 JUN 2025 to 07 AUG 2025

ARRIVAL ROUTE DESCRIPTION

SDF: From GDAYE on track 160° to cross LISZA between 14000 and 17000 and at 280K, then on track 160° to cross JMONY between 13000 and 15000.

LANDING SDF RUNWAY 17L: From JMONY on track 101° to cross RCTIC between 11000 and 13000, then on track 101° to cross MEENY between 9000 and 11000, then on track 101° to cross DURBY between 7000 and 9000, then on track 101° to cross BODYE at 6000, then on track 101° to MMAXY, then on track 140° to cross LEXXI at 6000 and at 210K. Expect ILS or LOC Rwy 17L approach.

LANDING SDF RUNWAY 17R: From JMONY on track 101° to cross RCTIC between 11000 and 13000, then on track 101° to cross MEENY between 9000 and 11000, then on track 101° to cross DURBY between 7000 and 9000, then on track 101° to cross BODYE at 6000, then on track 101° to MMAXY, then on track 151° to cross CWAYN at 6000 and at 210K. Expect ILS or LOC Rwy 17R approach.

LANDING SDF RUNWAY 29: From JMONY on track 109° to cross WILAA between 11000 and 13000, then on track 109° to cross CLLWY between 9000 and 11000, then on track 109° to cross WWEVR between 7000 and 9000, then on track 109° to cross HOOLA between 6000 and 7000, then on track 126° to cross KYANG at 6000, then on track 126° to cross CPIKE at 6000, then on track 126° to RAACH, then on track 116° to cross BATSS at 6000, then on track 111°. Expect RADAR vectors to final approach course.

LANDING SDF RUNWAYS 35L/R: From JMONY on track 135° to cross MIILI between 11000 and 13000, then on track 135° to cross MMACE between 9000 and 11000, then on track 135° to cross RLENA between 7000 and 9000, then on track 135° to cross JYTEE between 6000 and 7000, then on track 135° to cross DHARD at 6000, then on track 135° to cross LEWSS at 6000, then on track 170° to cross DEEPR at 6000, then on track 170°. Expect RADAR vectors to final approach course.

LANDING JVY/LOU: From GDAYE on track 160° to cross LISZA between 14000 and 17000 and at 280K, then on track 160° to cross JMONY between 13000 and 15000, then on track 101° to cross RCTIC between 11000 and 13000, then on track 092° to cross CHKIN between 9000 and 11000, then on track 093° to cross LEGGZ between 7000 and 9000, then on track 093° to cross MYDOG at 6000, then on track 093°. Expect RADAR vectors to final approach course.

LOST COMMUNICATIONS:
RUNWAYS 35L/R: After DEEPR, proceed to BRBON, then proceed on the ILS or LOC Rwy 35L approach or RNAV (GPS) Y Rwy 35L approach.
RUNWAY 29: After BATSS, proceed to TRUBS, then proceed on the RNAV (GPS) Rwy 29 approach.

(NARRATIVE ON FOLLOWING PAGE)

EC-2, 12 JUN 2025 to 07 AUG 2025

ARRIVAL ROUTE DESCRIPTION

JAAVE TRANSITION (JAAVE.KOLTS2):
USIRE TRANSITION (USIRE.KOLTS2):

From KOLTS on track 095° to GARTE, then on track 094° to cross CIRGO at or above 11000, then on track 095° to cross EKEKE at or above 10000.

LANDING RWYS 5L/R: From EKEKE on track 093° to cross GAZPA at or above 7000 and at 230K, then on track 141° to cross PETYN at 6000 and at 210K, then on track 229° to WANOB, then on track 229°. Expect RADAR vectors to final approach course.

LANDING RWYS 23L/R: From EKEKE on track 108° to cross MRRRK at or above 7000 and at 230K, then on track 108° to cross PETYN at 6000 and at 210K, then on track 050° to cross ZOSAR at 6000 and at 210K, then on track 050°. Expect RADAR vectors to final approach course.

LANDING RWY 32: From EKEKE on track 124° to cross FRENY at or above 7000 and at 230K, then on track 140° to cross PNFLD at 6000 and at 210K, then on track 139° to ZASNI, then on track 139°. Expect RADAR vectors to final approach course.

LOST COMMUNICATIONS: In the event of lost communication prior to runway assignment, execute ILS or LOC Rwy 23R approach.

EC-2, 12 JUN 2025 to 07 AUG 2025
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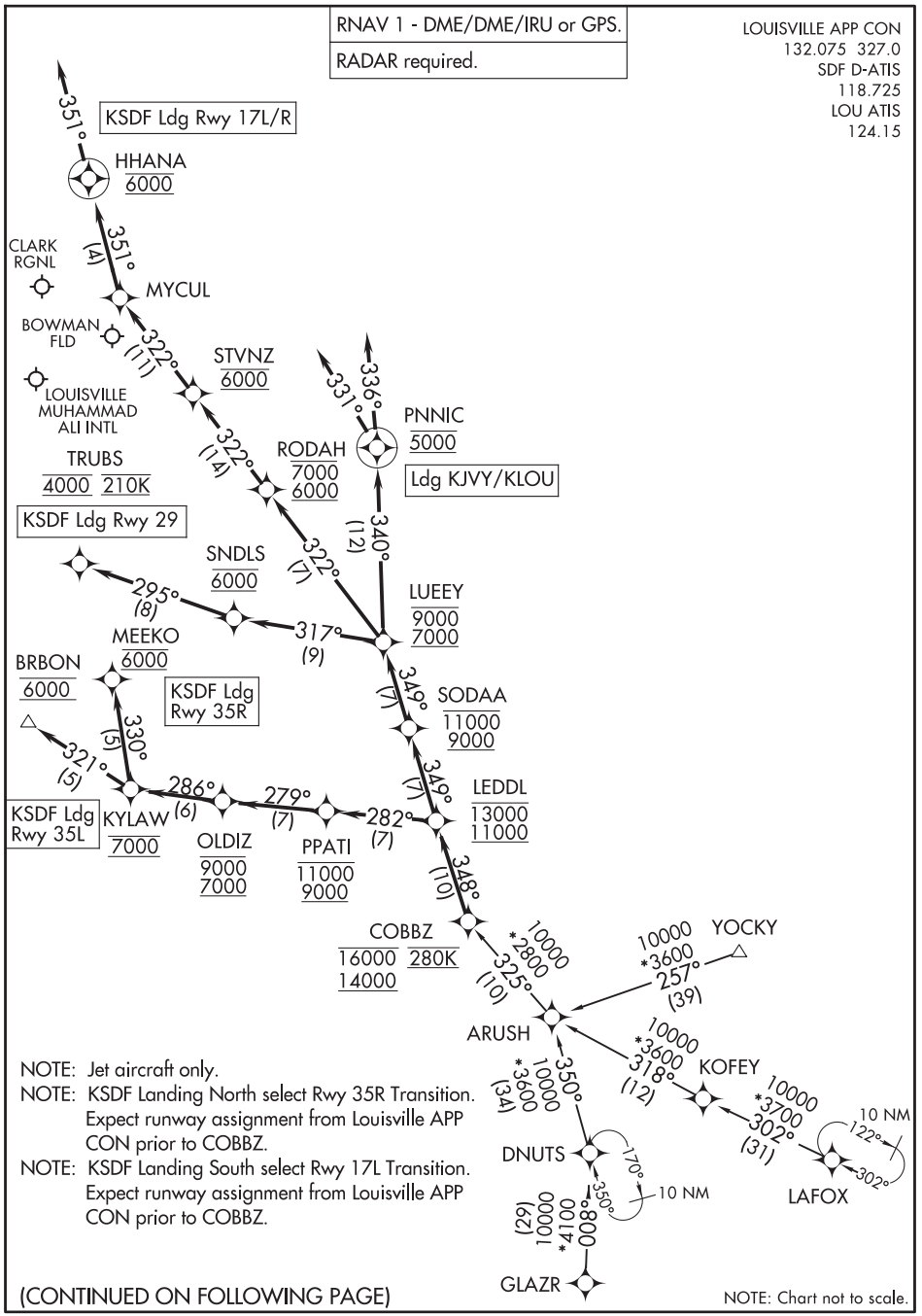
LEDDL ONE ARRIVAL (RNAV)

LOUISVILLE, KENTUCKY



LEDDL ONE ARRIVAL (RNAV)

LOUISVILLE, KENTUCKY

(COBBZ.LEDDL1) 11JUL24

EC-2, 12 JUN 2025 to 07 AUG 2025

EC-2, 12 JUN 2025 to 07 AUG 2025

EC-2, 12 JUN 2025 to 07 AUG 2025

ARRIVAL ROUTE DESCRIPTION

GLAZR TRANSITION (GLAZR.LEDDL1):
LAFOX TRANSITION (LAFOX.LEDDL1):
YOCKY TRANSITION (YOCKY.LEDDL1):

KSDF: From COBBZ on track 348° to cross LEDDL between 11000 and 13000.

LANDING KSDF RUNWAY 17L/R: From LEDDL on track 349° to cross SODAA between 9000 and 11000, then on track 349° to cross LUEEY between 7000 and 9000, then on track 322° to cross RODAH between 6000 and 7000, then on track 322° to cross STVNZ at 6000, then on track 322° to MYCUL, then on track 351° to cross HHANA at 6000, then on track 351°. Expect RADAR vectors to final approach course.

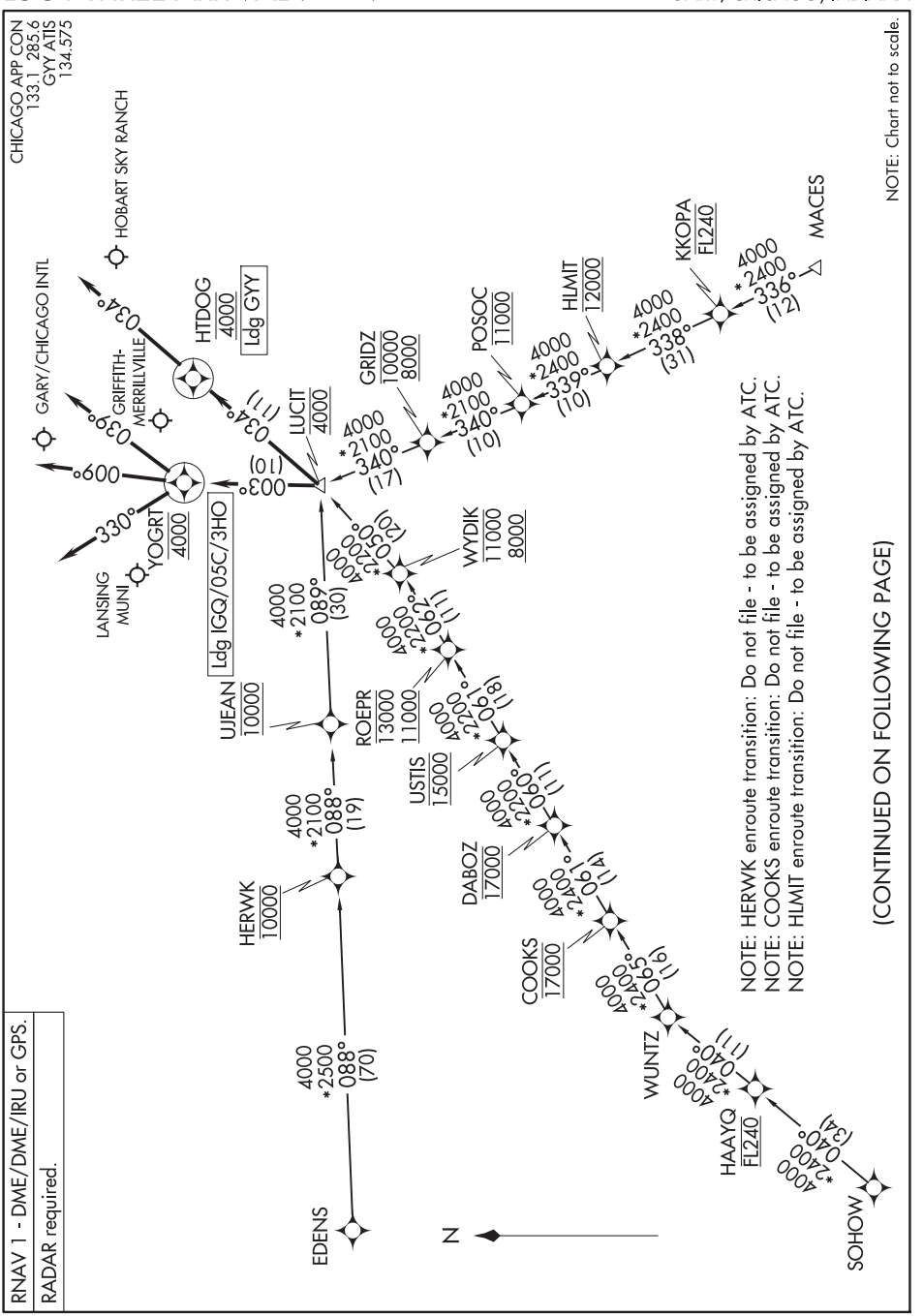
LANDING KSDF RUNWAY 29: From LEDDL on track 349° to cross SODAA between 9000 and 11000, then on track 349° to cross LUEEY between 7000 and 9000, then on track 317° to cross SNDLS at 6000, then on track 295° to cross TRUBS at 4000 and at 210K. Expect LOC Runway 29 approach.

LANDING KSDF RUNWAY 35L: From LEDDL on track 282° to cross PPATI between 9000 and 11000, then on track 279° to cross OLDIZ between 7000 and 9000, then on track 286° to cross KYLAW at 7000, then on track 321° to cross BRBON at 6000. Expect ILS or LOC Runway 35L approach.

LANDING KSDF RUNWAY 35R: From LEDDL on track 282° to cross PPATI between 9000 and 11000, then on track 279°to cross OLDIZ between 7000 and 9000, then on track 286° to cross KYLAW at 7000, then on track 330° to cross MEEKO at 6000. Expect ILS or LOC Runway 35R approach.

LANDING KJVY: From COBBZ on track 348° to cross LEDDL between 11000 and 13000, then on track 349° to cross SODAA between 9000 and 11000, then on track 349° to cross LUEEY between 7000 and 9000, then on track 340° to cross PNNIC at 5000, then on track 336°. Expect RADAR vectors to final approach course.

LANDING KLOU: From COBBZ on track 348° to cross LEDDL between 11000 and 13000, then on track 349° to cross SODAA between 9000 and 11000, then on track 349° to cross LUEEY between 7000 and 9000, then on track 340° to cross PNNIC at 5000, then on track 331°. Expect RADAR vectors to final approach course.


CHICAGO APP CON
133.1 285.6
GYY ATIS
134.375
HOBART SKY RANCH
034°
GARY/CHICAGO INTL
039°
GRIFFITH-MERRILLVILLE
009°
330°
LANSING MUNI
YOGRT
4000
Ldg IGQ/05C/3HO
003°
HTDOG
4000
Ldg GYY
034°
(11)
LUCIT
4000
(10)
GRIDZ
10000
8000
4000
*2100
340°
(17)
POSOC
11000
4000
*2100
340°
(10)
HLMIT
12000
4000
*2400
339°
(10)
KKOPA
FL240
4000
*2400
338°
(31)
MACES
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*2400
336°
(12)
WYDIK
11000
8000
4000
*2200
050°
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091°
(18)
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061°
(14)
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065°
(19)
4000
*2400
040°
(11)
4000
*2400
040°
(34)
SOHOW
UJEAN
10000
4000
*2100
089°
(30)
ROEPR
13000
11000
USTIS
15000
DABOZ
17000
COOKS
17000
WUNTZ
HAAYQ
FL240
4000
*2500
088°
(70)
EDENS
HERWK
10000
4000
*2100
088°
(19)
N
NOTE: HERWK enroute transition: Do not file - to be assigned by ATC.
NOTE: COOKS enroute transition: Do not file - to be assigned by ATC.
NOTE: HLMIT enroute transition: Do not file - to be assigned by ATC.
(CONTINUED ON FOLLOWING PAGE)
NOTE: Chart not to scale.
RNAV 1 - DME/DME/IRU or GPS.
RADAR required.

ARRIVAL ROUTE DESCRIPTION

COOKS TRANSITION (COOKS.LUCIT3):
EDENS TRANSITION (EDENS.LUCIT3):
HERWK TRANSITION (HERWK.LUCIT3):
HLMIT TRANSITION (HLMIT.LUCIT3):
MACES TRANSITION (MACES.LUCIT3):
SOHOW TRANSITION (SOHOW.LUCIT3):

LANDING 05C: From LUCIT on track 003° to cross YOGRT at 4000, then on track 009°. Expect RADAR vectors to final approach course.

LANDING 3HO: From LUCIT on track 003° to cross YOGRT at 4000, then on track 039°. Expect RADAR vectors to final approach course.

LANDING GYY: From LUCIT on track 034° to cross HTDOG at 4000, then on track 034°. Expect RADAR vectors to final approach course.

LANDING IGQ: From LUCIT on track 003° to cross YOGRT at 4000, then on track 330°. Expect RADAR vectors to final approach course.

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MBELL FIVE ARRIVAL (RNAV)

LOUISVILLE, KENTUCKY

(CONTINUED ON FOLLOWING PAGE)

MBELL FIVE ARRIVAL (RNAV)

LOUISVILLE, KENTUCKY

(JIINN.MBELL5) 11JUL24

EC-2, 12 JUN 2025 to 07 AUG 2025

ARRIVAL ROUTE DESCRIPTION

BUMPY TRANSITION (BUMPY.MBELL5):
IMOUT TRANSITION (IMOUT.MBELL5):
MOOCH TRANSITION (MOOCH.MBELL5):
PENBE TRANSITION (PENBE.MBELL5):

KSDF: From JIINN on track 083° to cross MBELL between 13000 and 15000.

LANDING KSDF RUNWAYS 17L/R: From MBELL on track 019° to cross AABBZ between 11000 and 13000, then on track 019° to cross BLEEM between 9000 and 11000, then on track 034° to cross GLENM between 7000 and 9000, then on track 052° to cross AUDRY between 6000 and 7000, then on track 052° to cross BEEKK at 6000, then on track 052° to TROLI, then on track 351° to cross PDUDL at 6000, then on track 351°. Expect RADAR vectors to final approach course.

LANDING KSDF RUNWAY 29: From MBELL on track 101° to cross LOKBL between 11000 and 13000, then on track 100° to cross LIYAH between 9000 and 11000, then on track 100° to cross PRKER between 7000 and 9000, then on track 100° to cross KYSEN at 6000, then on track 063° to SHLEY, then on track 026° to cross FARNK at 6000, then on track 116° to cross MAYLN at 6000, then on track 118°. Expect RADAR vectors to final approach course.

LANDING KSDF RUNWAY 35L: From MBELL on track 101° to cross LOKBL between 11000 and 13000, then on track 100° to cross LIYAH between 9000 and 11000, then on track 100° to cross PRKER between 7000 and 9000, then on track 100° to cross KYSEN at 6000, then on track 072° to RNNER, then on track 010° to cross BRBON at 6000. Expect ILS or LOC RWY 35L approach.

LANDING KSDF RUNWAY 35R: From MBELL on track 101° to cross LOKBL between 11000 and 13000, then on track 100° to cross LIYAH between 9000 and 11000, then on track 100° to cross PRKER between 7000 and 9000, then on track 100° to cross KYSEN at 6000, then on track 072° to RNNER, then on track 020° to cross MEEKO at 6000. Expect ILS or LOC RWY 35R approach.

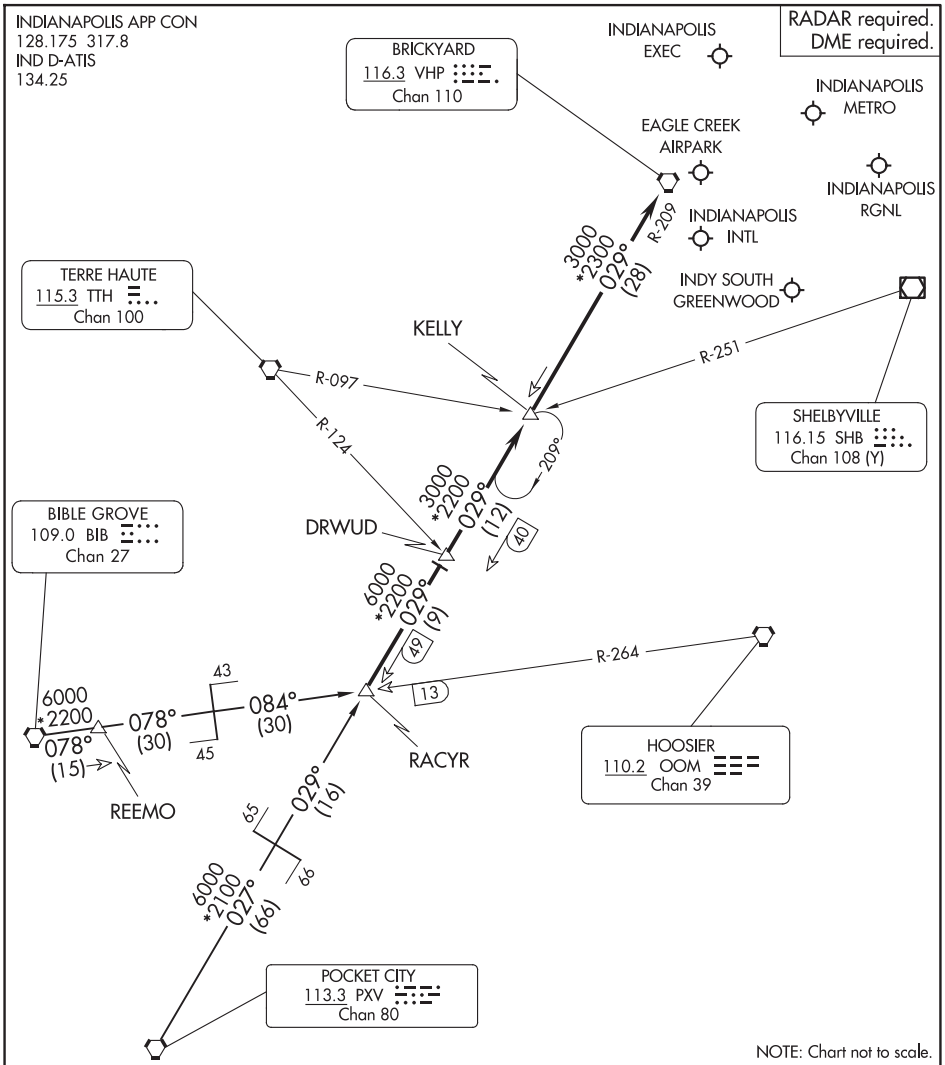
LANDING KJVY: From JIINN on track 083° to cross MBELL between 13000 and 15000, then on track 019° to cross AABBZ between 11000 and 13000, then on track 019° to cross BLEEM between 9000 and 11000, then on track 019° to cross DOWNS between 7000 and 9000, then on track 030° to cross SIPPN at 5000, then on track 030°. Expect RADAR vectors to final approach course.

LANDING KLOU: From JIINN on track 083° to cross MBELL between 13000 and 15000, then on track 101° to cross LOKBL between 11000 and 13000, then on track 100° to cross LIYAH between 9000 and 11000, then on track 100° to cross PRKER between 7000 and 9000, then on track 100° to cross MOWGN at 6000, then on track 090°. Expect RADAR vectors to final approach course.

EC-2, 12 JUN 2025 to 07 AUG 2025

RACYR SIX ARRIVAL

INDIANAPOLIS, INDIANA



ARRIVAL ROUTE DESCRIPTION

BIBLE GROVE TRANSITION (BIB.RACYR6): From over BIB VORTAC on BIB R-078 and OOM R-264 to RACYR. Thence....

POCKET CITY TRANSITION (PXV.RACYR6): From over PXV VORTAC on PXV R-027 and VHP R-209 to RACYR. Thence....

....from over RACYR on VHP VORTAC R-209 to DRWUD, then on VHP VORTAC R-209 to KELLY, then on VHP VORTAC R-209 to VHP VORTAC. Expect radar vectors to final approach course.

LOST COMMUNICATIONS: Landing IND: In the event of lost communication prior to runway assignment, execute the ILS Runway 23R approach.

RACYR SIX ARRIVAL

INDIANAPOLIS, INDIANA

EC-2, 12 JUN 2025 to 07 AUG 2025

EC-2, 12 JUN 2025 to 07 AUG 2025

(ROKNN.ROKNN3) 22139 AL-84 (FAA)

ROKNN THREE ARRIVAL (RNAV)

CLEVELAND, OHIO

ROKNN THREE ARRIVAL (RNAV)

CLEVELAND, OHIO

(ROKNN.ROKNN3) 26MAR20

EC-2, 12 JUN 2025 to 07 AUG 2025

EC-2, 12 JUN 2025 to 07 AUG 2025

ARRIVAL ROUTE DESCRIPTION

DRUGA TRANSITION (DRUGA.ROKNN3)
TALKN TRANSITION (TALKN.ROKNN3)

KCLE: From ROKNN on track 052° to cross DEVOH between 8000 and 14000.

LANDING KCLE RUNWAY 06L: From DEVOH on track 050° to cross KINCS between 7000 and 9000, then on track 049° to cross KWENE at or above 6000 and at 210K. Expect ILS, RNAV (RNP) or RNAV (GPS) approach from KWENE.

LANDING KCLE RUNWAY 06R: From DEVOH on track 050° to cross KINCS between 7000 and 9000, then on track 051° to cross RUHSH at or above 6000 and at 210K. Expect ILS, RNAV (RNP) or RNAV (GPS) approach from RUHSH.

LANDING KCLE RUNWAY 24L: From DEVOH on track 053° to cross SEPLN between 8000 and 10000, then on track 079° to cross CLAPT at 7000 and at 210K, then on heading 058° or as assigned by ATC. Expect RNAV (RNP) approach from CLAPT or RADAR vectors to final approach course.

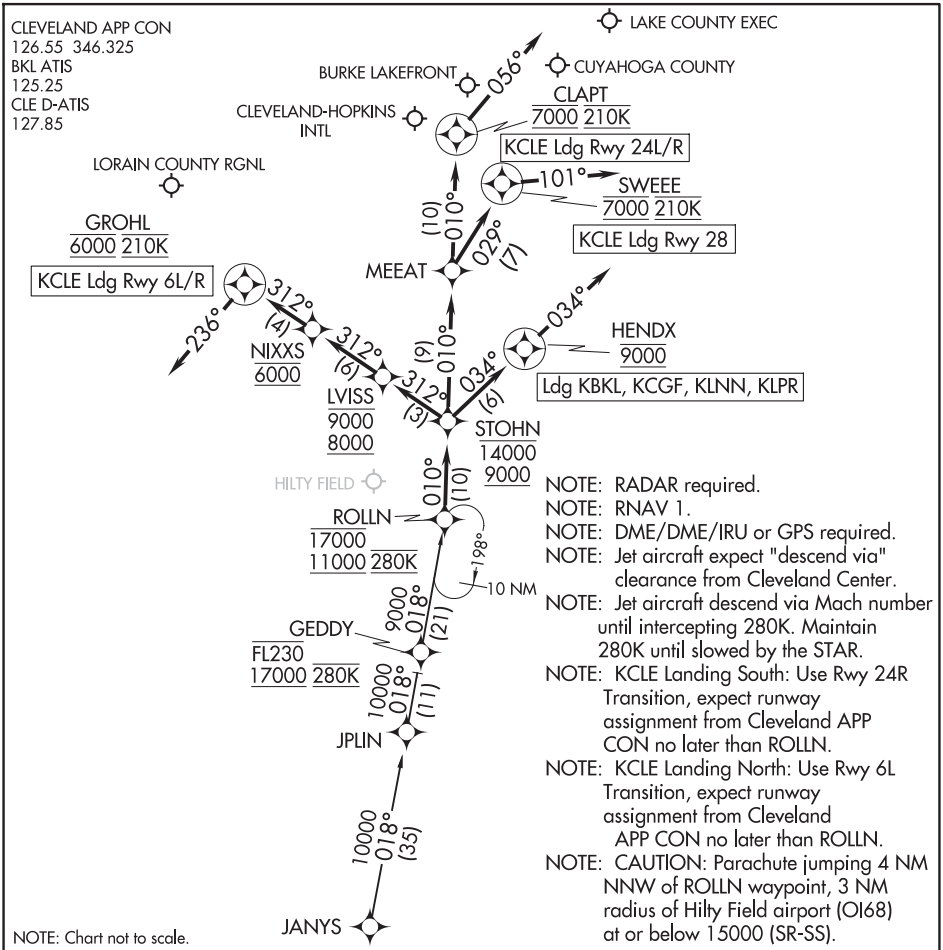
LANDING KCLE RUNWAY 24R: From DEVOH on track 053° to cross SEPLN between 8000 and 10000, then on track 036° to cross DAHOO at 7000 and at 210K, then on heading 058° or as assigned by ATC. Expect RNAV (RNP) approach from DAHOO or RADAR vectors to final approach course.

LANDING KCLE RUNWAY 28: From DEVOH on track 053° to cross SEPLN between 8000 and 10000, then on track 087° to GNDAY, then on track 106° to cross SWEEE at 7000 and at 210K, then on heading 101° or as assigned by ATC. Expect RADAR vectors to final approach course.

LANDING KBKL/KLNN/KCGF/KLPR: From ROKNN on track 052° to cross DEVOH between 8000 and 14000, then on track 053° to cross MICKJ at 8000, then on track 053°. Expect RADAR vectors to final approach course.

(ROLLN.ROLLN2) 22139
ROLLN TWO ARRIVAL (RNAV)

CLEVELAND, OHIO



ARRIVAL ROUTE DESCRIPTION

JANYS TRANSITION (JANYS.ROLLN2)

KCLE: From ROLLN on track 010° to cross STOHN between 9000 and 14000.

LANDING KCLE RUNWAYS 6L/R: From STOHN on track 312° to cross LVISS between 8000 and 9000, then on track 312° to cross NIXXS at 6000, then on track 312° to cross GROHL at 6000 and at 210K, then on heading 236° or as assigned by ATC. Expect ILS, RNAV (RNP), or RNAV (GPS) approach from GROHL, or RADAR vectors to final approach course.

LANDING KCLE RUNWAYS 24L/R: From STOHN on track 010° to MEEAT, then on track 010° to cross CLAPT at 7000 and at 210K, then on heading 056° or as assigned by ATC. Expect RNAV (RNP) approach from CLAPT or RADAR vectors to final approach course.

LANDING KCLE RUNWAY 28: From STOHN on track 010° to MEEAT, then on track 029° to cross SWEEE at 7000 and at 210K, then on heading 101° or as assigned by ATC. Expect RADAR vectors to final approach course.

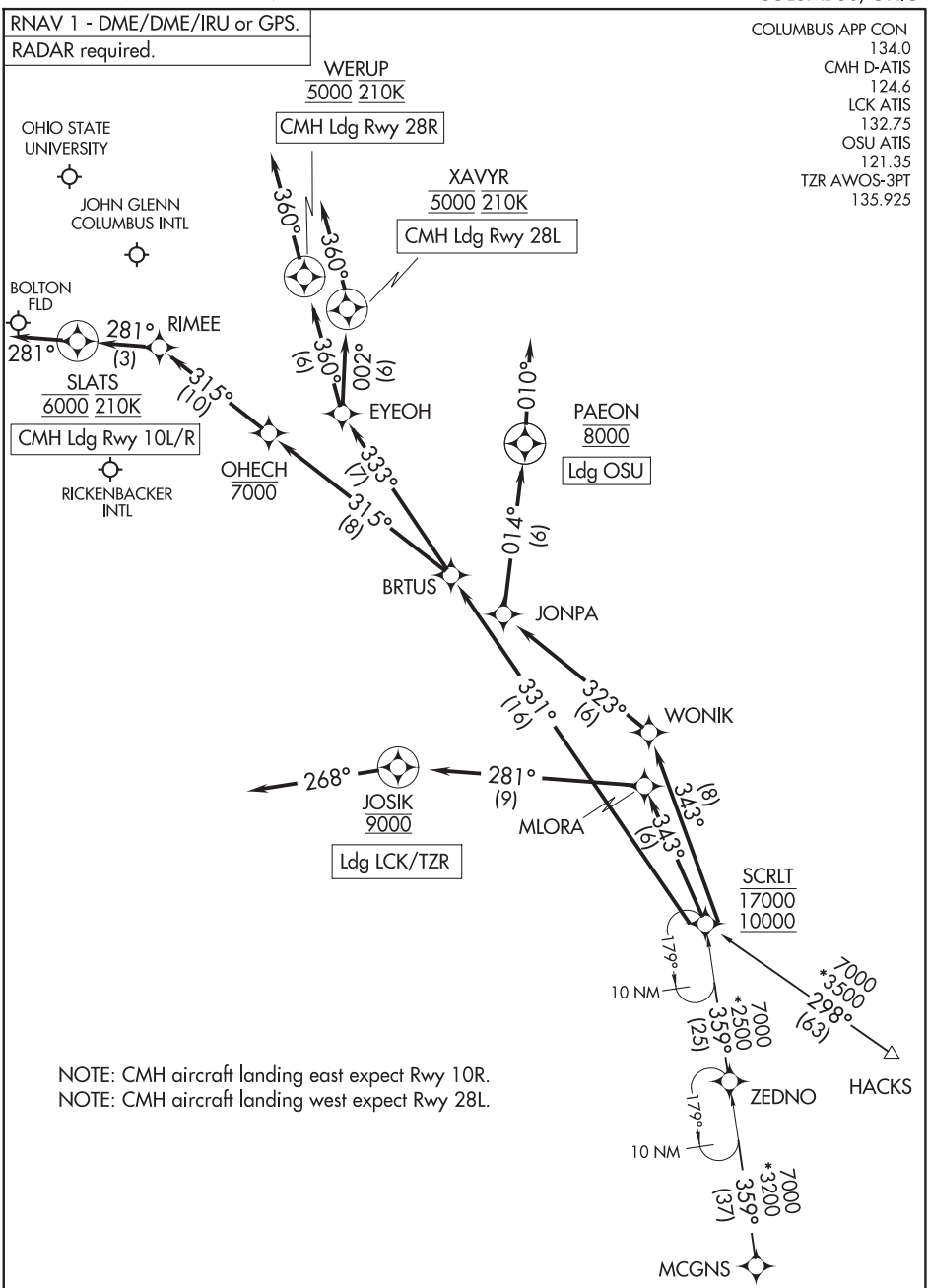
LANDING KLPR/KLNN/KCGF/KBKL: From ROLLN on track 010° to cross STOHN between 9000 and 14000, then on track 034° to cross HENDX at 9000, then on track 034°. Expect RADAR vectors to final approach course.

EC-2, 12 JUN 2025 to 07 AUG 2025

ROLLN TWO ARRIVAL (RNAV)
CLEVELAND, OHIO
(ROLLN.ROLLN2) 10OCT19

SCRLT TWO ARRIVAL (RNAV)

COLUMBUS, OHIO



(CONTINUED ON FOLLOWING PAGE)

NOTE: Chart not to scale.

SCRLT TWO ARRIVAL (RNAV)

COLUMBUS, OHIO

EC-2, 12 JUN 2025 to 07 AUG 2025

EC-2, 12 JUN 2025 to 07 AUG 2025

ARRIVAL ROUTE DESCRIPTION

HACKS TRANSITION (HACKS.SCRLT2)
MCGNS TRANSITION (MCGNS.SCRLT2)

CMH: from SCRLT on track 331° to BRTUS.

LANDING CMH RUNWAY 10L/R: From BRTUS on track 315° to cross OHECH at or below 7000, then on track 315° to RIMEE, then on track 281° to cross SLATS at 6000 and at 210K, then on track 281°. Expect RADAR vectors to final approach course.

LANDING CMH RUNWAY 28L: From BRTUS on track 333° to EYEOH, then on track 002° to cross XAVYR at 5000 and at 210K, then on track 360°. Expect RADAR vectors for ILS Rwy 28L approach.

LANDING CMH RUNWAY 28R: From BRTUS on track 333° to EYEOH, then on track 360° to cross WERUP at 5000 and at 210K, then on track 360°. Expect RADAR vectors for ILS Rwy 28R approach.

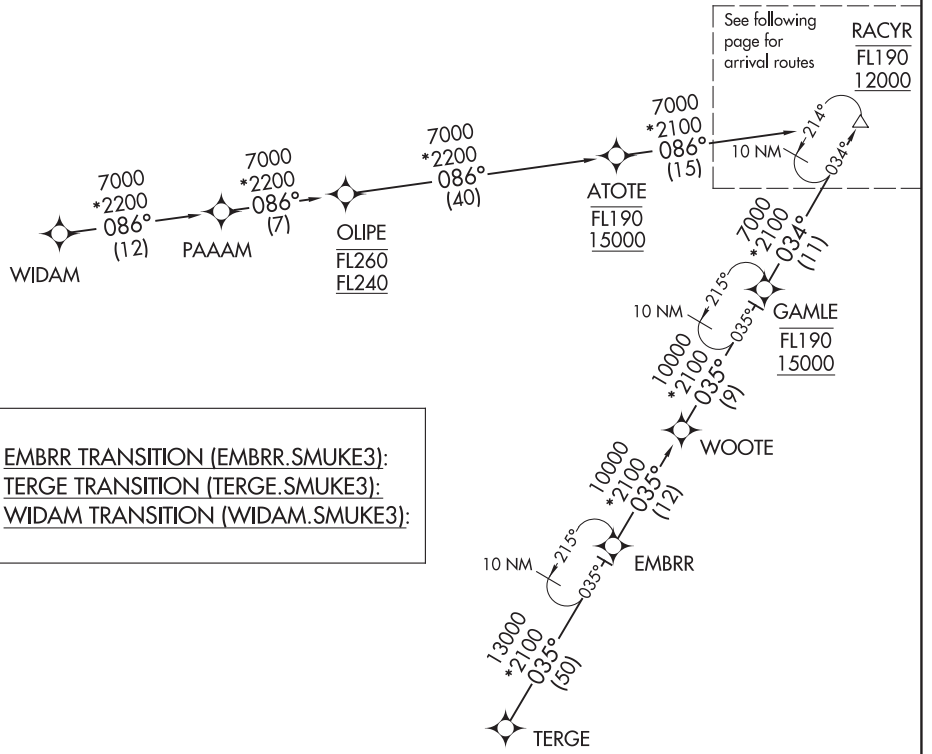
LANDING TZR/LCK: From SCRLT on track 343° to MLORA, then on track 281° to cross JOSIK at 9000, then on track 268°. Expect RADAR vectors to final approach course.

LANDING OSU: From SCRLT on track 343° to WONIK, then on track 323° to JONPA, then on track 014° to cross PAEON at 8000, then on track 010°. Expect RADAR vectors to final approach course.

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

INDIANAPOLIS APP CON
128.175 317.8
D-ATIS
134.25

RNAV 1 - DME/DME/IRU or GPS.
RADAR required.



EMBRR TRANSITION (EMBRR.SMUKE3):
TERGE TRANSITION (TERGE.SMUKE3):
WIDAM TRANSITION (WIDAM.SMUKE3):

NOTE: Expect descend via clearance and landing direction assignment by Indianapolis Center. Approach will assign landing rwy.
NOTE: For non-GPS equipped aircraft landing rwy 23L; SHB DME must be operational.
NOTE: For non-GPS equipped aircraft landing rwy 23R; SHB and VHP DMEs must be operational.
NOTE: KIND Landing southwest select Rwy 23R transition. Expect runway assignment from Indianapolis APP CON prior to SMUKE.
NOTE: KIND Landing northeast select Rwy 5L transition. Expect runway assignment from Indianapolis APP CON prior to SMUKE.

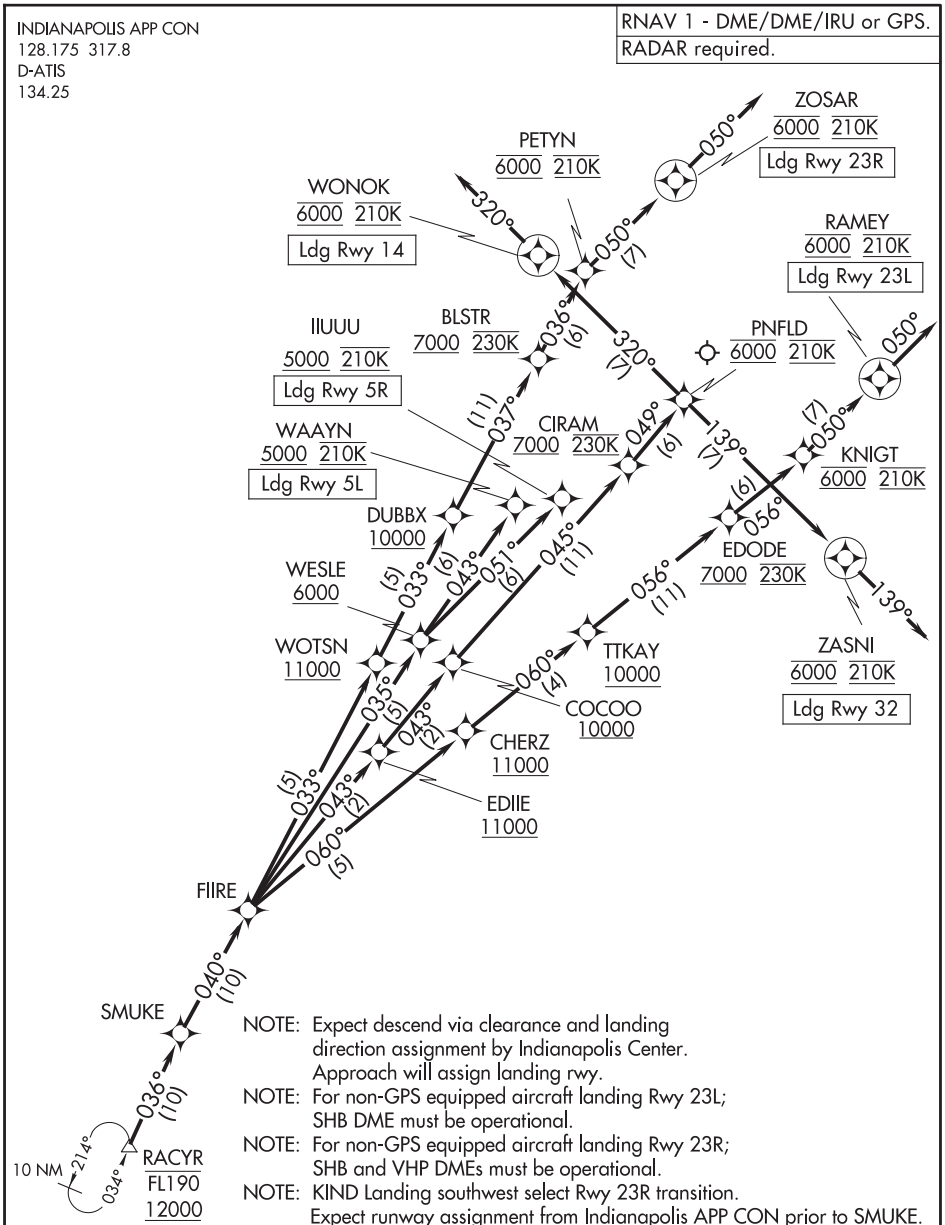
NOTE: Chart not to scale.

(CONTINUED ON FOLLOWING PAGE)

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

(RACYR.SMUKE3) 24193 AL-203 (FAA)
SMUKE THREE ARRIVAL (RNAV) Arrival Routes

INDIANAPOLIS INTL (IND)
INDIANAPOLIS, INDIANA



NOTE: Expect descend via clearance and landing direction assignment by Indianapolis Center. Approach will assign landing rwy.

NOTE: For non-GPS equipped aircraft landing Rwy 23L; SHB DME must be operational.

NOTE: For non-GPS equipped aircraft landing Rwy 23R; SHB and VHP DMEs must be operational.

NOTE: KIND Landing southwest select Rwy 23R transition. Expect runway assignment from Indianapolis APP CON prior to SMUKE.

NOTE: KIND Landing northeast select Rwy 5L transition. Expect runway assignment from Indianapolis APP CON prior to SMUKE.

(CONTINUED ON FOLLOWING PAGE)

NOTE: Chart not to acale.

ARRIVAL ROUTE DESCRIPTION

From RACYR on track 036° to SMUKE, then on track 040° to FIIRE.

LANDING RUNWAY 5L: From FIIRE on track 035° to cross WESLE at or above 6000, then on track 043° to cross WAAYN at or above 5000 and at 210K. Expect RNAV RNP, GPS, ILS or LOC RWY 5L or RADAR vectors to final approach course.

LANDING RUNWAY 5R: From FIIRE on track 035° to cross WESLE at or above 6000, then on track 051° to cross IIUUU at or above 5000 and at 210K. Expect RNP, GPS, ILS or LOC RWY 5R or RADAR vectors to final approach course.

LANDING RUNWAY 14: From FIIRE on track 043° to cross EDIIE at or above 11000, then on track 043° to cross COCOO at or above 10000, then on track 045° to cross CIRAM at or above 7000 and at 230K, then on track 049° to cross PNFLD at 6000 and at 210K, then on track 320° to cross WONOK at 6000 and at 210K, then on track 320°. Expect RADAR vectors to final approach course.

LANDING RUNWAY 23L: From FIIRE on track 060° to cross CHERZ at or above 11000, then on track 060° to cross TTKAY at or above 10000, then on track 056° to cross EDODE at or above 7000 and at 230K, then on track 056° to cross KNIGT at 6000 and at 210K, then on track 050° to cross RAMEY at 6000 and at 210K, then on track 050°. Expect RADAR vectors to final approach course.

LANDING RUNWAY 23R: From FIIRE on track 033° to cross WOTSN at or above 11000, then on track 033° to cross DUBBX at or above 10000, then on track 037° to cross BLSTR at or above 7000 and at 230K, then on track 036° to cross PETYN at 6000 and at 210K, then on track 050° to cross ZOSAR at 6000 and at 210K, then on track 050°. Expect RADAR vectors to final approach course.

LANDING RUNWAY 32: From FIIRE on track 043° to cross EDIIE at or above 11000, then on track 043° to cross COCOO at or above 10000, then on track 045° to cross CIRAM at or above 7000 and at 230K, then on track 049° to cross PNFLD at 6000 and at 210K, then on track 139° to cross ZASNI at 6000 and at 210K, then on track 139°. Expect RADAR vectors to final approach course.

EC-2, 12 JUN 2025 to 07 AUG 2025

(SNKPT.SNKPT2) 20338 AL-203 (FAA)

SNKPT TWO ARRIVAL (RNAV) Transition Routes

INDIANAPOLIS INTL (IND)
INDIANAPOLIS, INDIANA

ARCAB TRANSITION (ARCAB.SNKPT2):
JEEDR TRANSITION (JEEDR.SNKPT2):
PLASH TRANSITION (PLASH.SNKPT2):
RINTE TRANSITION (RINTE.SNKPT2):
SJAAY TRANSITION (SJAAY.SNKPT2):

NOTE: Radar required.
NOTE: RNAV 1.
NOTE: DME/DME/IRU or GPS required.
NOTE: Expect descend via clearance and landing direction assignment by Indianapolis center. Approach will assign landing Rwy.

NOTE: Chart not to scale.

INDIANAPOLIS APP CON
128.175 317.8
D-ATIS 134.25

N

SJAAY

4000
*2300
197°
(23)

ARCAB
FL200

4000
*2400
197°
(22)

SNKPT
FL190
14000

See following page for arrival routes

4000
*2400
(10)

DOTIKE
FL230

10 NM
092°

4000
*2600
291°
(10)

4000
*2500
272°
(22)

JEEDR
FL240

4000
*2600
273°
(30)

RINTE

4000
*2700
(23)

WALKU
FL230

4000
*2500
291°
(15)

SRGNT
FL240

PLASH

(CONTINUED ON FOLLOWING PAGE)

EC-2, 12 JUN 2025 to 07 AUG 2025

SNKPT TWO ARRIVAL (RNAV) Transition Routes

(SNKPT.SNKPT2) 10NOV16

INDIANAPOLIS, INDIANA
INDIANAPOLIS INTL (IND)

SNKPT
FL190
14000
300°
24.6
(12)
BABNE
15000
11500
CCUUK
3000
*2200
235°
(8)
3000
*2200
243°
(3)
FEMGO
9000
8000
ARTJR
10000
LOVNS
11000 250K
10000
NOTE: Radar required.
NOTE: RNAV 1.
NOTE: DME/DME/IRU or GPS required.
NOTE: Expect descend via clearance and landing direction assignment by Indianapolis Center. Approach will assign landing Rwy.
(NARRATIVE ON FOLLOWING PAGE)
NOTE: Chart not to scale.
LLARY
5000
210K
NADEE
7000 230K
3000
222°
(6)
ZESIT
ALCOV
11000 250K
10000
RACEN
5000
210K
KNIGT
6000 210K
WEIER
7000
230K
CRCLE
6000 210K
TRECY
7000 230K
DOCEY
ORIKE
PETYN
6000 210K
WANOB
N
INDIANAPOLIS APP CON
128.175 317.8
D-ATIS 134.25

ARRIVAL ROUTE DESCRIPTION

From SNKPT on track 246° to cross BABNE between 11500 and 15000, then on track 246° to CCUUK.

LANDING RWY 5L: From CCUUK on track 243° to cross ALCOV between 10000 and 11000 and at 250K, then on track 242° to cross TRECY at/above 7000 and at 230K, then on track 242° to cross PETYN at 6000 and at 210K, then on track 229° to WANOB, then on track 229°. Expect radar vectors to final approach course.

LANDING RWY 5R: From CCUUK on track 224° to cross LOVNS between 10000 and 11000 and at 250K, then on track 223° to cross NADEE at/above 7000 and at 230K, then on track 222° to cross KNIGT at 6000 and at 210K, then on track 230° to DOCEY, then on track 230°. Expect radar vectors to final approach course.

LANDING RWY 14: From CCUUK on track 235° to cross ARTJR at/above 10000, then on track 234° to cross WEIER at/above 7000 and at 230K then on track 230° to cross CRCLE at 6000 and at 210K, then on track 320° to ORIKE, then on track 320°. Expect radar vectors to final approach course.

LANDING RWY 23L: From CCUUK on track 243° to cross FEMGO between 8000 and 9000, then on track 231° to cross LLARY at/above 5000 and at 210K. Expect RNAV (RNP), RNAV (GPS) or ILS or LOC to Rwy 23L or radar vectors to final approach course.

LANDING RWY 23R: From CCUUK on track 243° to cross FEMGO between 8000 and 9000, then on track 235° to cross RACEN at/above 5000 and at 210K. Expect RNAV (RNP), RNAV (GPS) or ILS or LOC to Rwy 23R or radar vectors to final approach course.

LANDING RWY 32: From CCUUK on track 235° to cross ARTJR at/above 10000, then on track 234° to cross WEIER at/above 7000 and at 230K then on track 230° to cross CRCLE at 6000 and at 210K, then on track 140° to ZESIT, then on track 140°. Expect radar vectors to final approach course.

LOST COMMUNICATION:
In the event of lost communication prior to runway assignment, execute ILS or LOC Rwy 23R approach.

EC-2, 12 JUN 2025 to 07 AUG 2025

EC-2, 12 JUN 2025 to 07 AUG 2025

TRYBE FOUR ARRIVAL (RNAV)

CLEVELAND, OHIO

TRYBE FOUR ARRIVAL (RNAV)
CLEVELAND, OHIO

EC-2, 12 JUN 2025 to 07 AUG 2025

(TRYBE.TRYBE4) 20086 AL-84 (FAA)

TRYBE FOUR ARRIVAL (RNAV)

CLEVELAND, OHIO

ARRIVAL ROUTE DESCRIPTION

LFTON TRANSITION (LFTON.TRYBE4)

THOME TRANSITION (THOME.TRYBE4)

UPPRR TRANSITION (UPPRR.TRYBE4)

KCLE: From TRYBE on track 275° to cross NAGGY at or above 7000.

LANDING KCLE RUNWAYS 6R/L: From NAGGY on track 267° to cross CLVTO between 7000 and 10000, then on track 238° to cross JAAIN at 7000 and at 210K, then on heading 238° or as assigned by ATC. Expect RNAV (RNP) approach from JAAIN or RADAR vectors to final approach course.

LANDING KCLE RUNWAYS 24L/R: From NAGGY on track 275° to cross BUDRW at 6000 and at 240K. Expect ILS, RNAV (RNP), or RNAV (GPS) approach from BUDRW.

LANDING KCLE RUNWAY 28: From NAGGY on track 257° to cross HARDR at 6000 and at 210K. Expect ILS, RNAV (RNP), or RNAV (GPS) approach from HARDR .

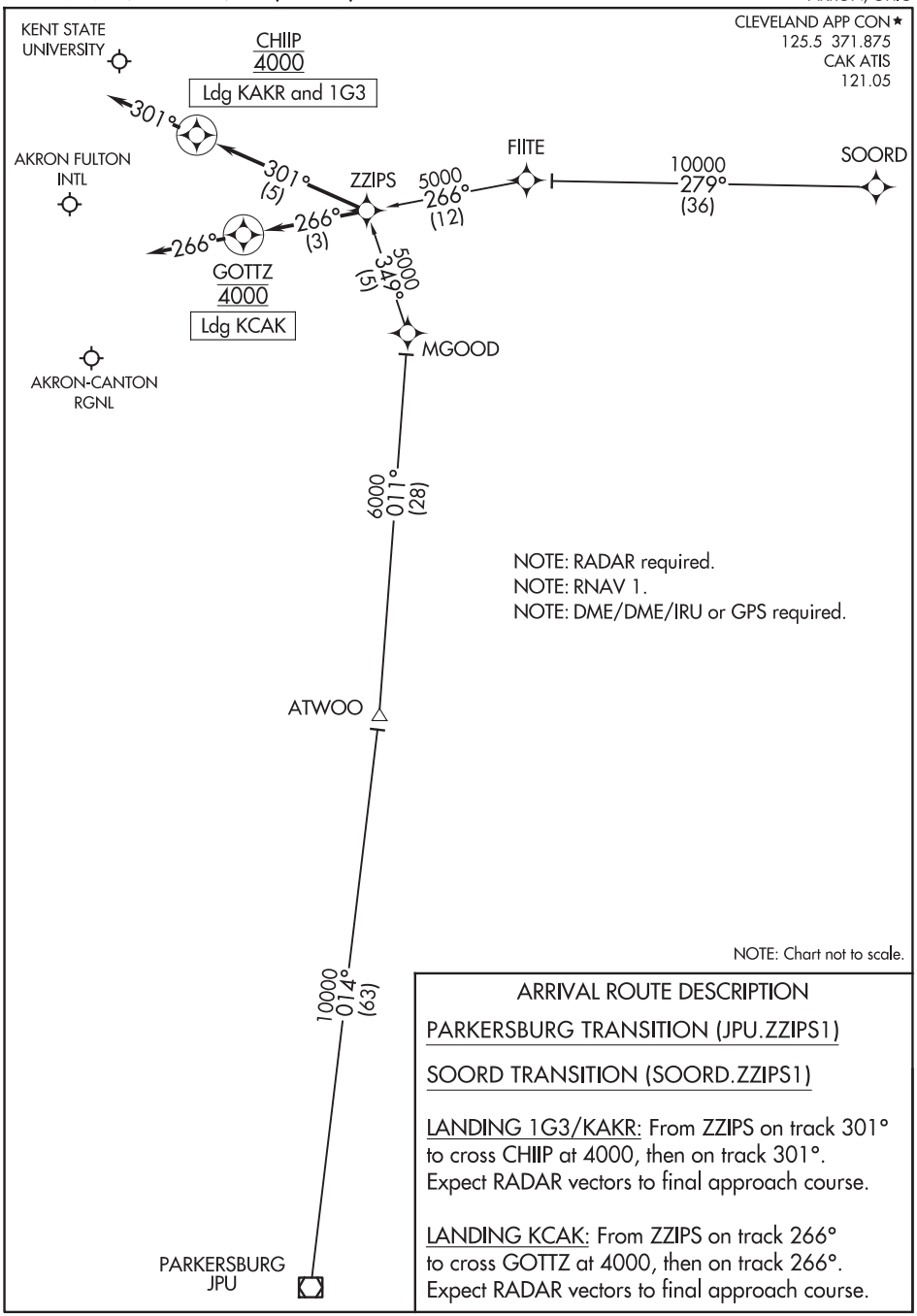
LANDING KBKL/KLNN/KCGF: From TRYBE on track 275° to cross NAGGY at or above 7000 then on track 324° to cross TOONZ at 6000, then on track 320°. Expect RADAR vectors to final approach course.

EC-2, 12 JUN 2025 to 07 AUG 2025

EC-2, 12 JUN 2025 to 07 AUG 2025

ZZIPS ONE ARRIVAL (RNAV)

AKRON, OHIO



ARRIVAL ROUTE DESCRIPTION

PARKERSBURG TRANSITION (JPU.ZZIPS1)

SOORD TRANSITION (SOORD.ZZIPS1)

LANDING 1G3/KAKR: From ZZIPS on track 301° to cross CHIIP at 4000, then on track 301°. Expect RADAR vectors to final approach course.

LANDING KCAK: From ZZIPS on track 266° to cross GOTTZ at 4000, then on track 266°. Expect RADAR vectors to final approach course.

ZZIPS ONE ARRIVAL (RNAV)

AKRON, OHIO

(ZZIPS.ZZIPS1) 24MAY18

EC-2, 12 JUN 2025 to 07 AUG 2025

EC-2, 12 JUN 2025 to 07 AUG 2025

INTENTIONALLY

LEFT

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EC-2, 12 JUN 2025 to 07 AUG 2025

EC-2, 12 JUN 2025 to 07 AUG 2025

WAAS	APP CRS	Rwy Idg	6074
CH 99735	249°	TDZE	1059
W25A		Apt Elev	1068

RNAV (GPS) RWY 25

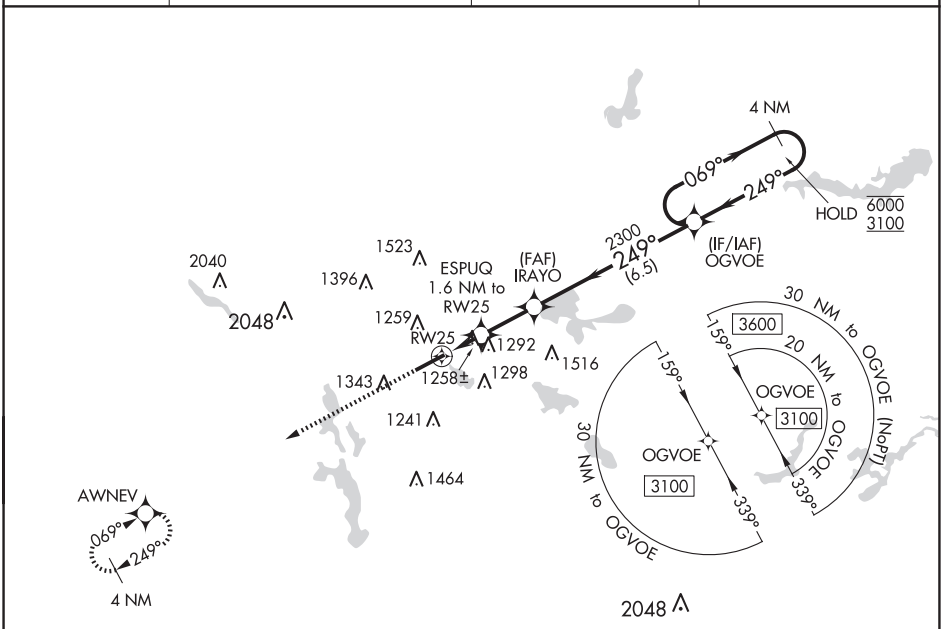
AKRON FULTON INTL (AKR)

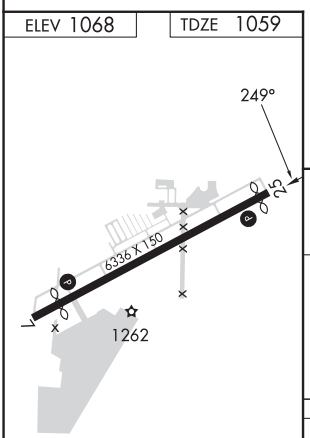
RNP APCH.

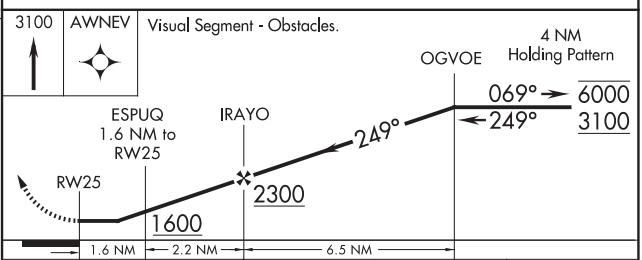
Rwy 25 helicopter visibility reduction below 1 SM NA.
Circling Rwy 7 NA at night.

MISSED APPROACH: Climb to 3100 direct AWNEV and hold.

ASOS	CLEVELAND APP CON ★	CLNC DEL	UNICOM
126.825	125.5 371.875	121.6	123.075 (CTAF) L







CATEGORY	A	B	C	D
LP MDA	1520-1 461 (500-1)		1520-1⅜ 461 (500-1⅜)	
LNAV MDA	1560-1 501 (500-1)		1560-1⅜ 501 (500-1⅜)	
C CIRCLING	1600-1 532 (600-1)	1680-1 612 (700-1)	1800-2 732 (800-2)	1840-2½ 772 (800-2½)

REIL Rwys 7 and 25 L
MIRL Rwy 7-25 L

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

AKRON, OHIO | AL-6 (FAA) | 24025

LOC RWY 25

AKRON FULTON INTL (AKR)

LOC/DME I-AKR	APP CRS	Rwy Idg	6074
110.9	249°	TDZE	1059
Chan 46		Apt Elev	1068

ADF or DME or RADAR required for procedure entry.

T Rwy 25 helicopter visibility reduction below 1 SM NA.
A Circling Rwy 7 NA at night.

MISSED APPROACH: Climb to 3100 on heading 249° and BSV VOR/DME R-322 to RITZS INT/BSV 21.2 DME and hold.

ASOS	CLEVELAND APP CON ★	CLNC DEL	UNICOM
126.825	125.5 371.875	121.6	123.075 (CTAF) L

ALTERNATE MISSED APCH FIX
AWNEV
069°
249°
4 NM

LOCALIZER 110.9
I-AKR
Chan 46

(CFCGM)
069°
249°
294°
114°

AKRON
114.4 ACO
Chan 91

RITZS
BSV 21.2
114.4 ACO
R-260
Chan 91

LOM/IAF
AKRON
362 AK
I-AKR 4.8
BSV 19.8

AWNEV
142°
322°
R-322

BRIGGS
114.05 BSV
Chan 87 (Y)
3000
010°
(19.8)

MSA AK 25 NM
3100

2040
2048
1396
1523
1259
1293±
1516
1343
1298
1241
1464
2048

ELEV 1068 | TDZE 1059

249°
6336 X 150
1262

REIL Rwys 7 and 25 L
MIRL Rwy 7-25 L

FAF to MAP 3.7 NM					
Knots	60	90	120	150	180
Min:Sec	3:42	2:28	1:51	1:29	1:14

3100
hdg 249°
BSV
R-322
RITZS

Visual Segment - Obstacles.
I-AKR
1.2

AK
LOM
I-AKR 4.8
069°
3000
249°
2300
Remain within 10 NM

3.7 NM

CATEGORY	A	B	C	D
S-LOC 25	1560-1	501 (500-1)	1560-1⅜	501 (500-1⅜)
C CIRCLING	1600-1	1680-1	1800-2	1840-2½
	532 (600-1)	612 (700-1)	732 (800-2)	772 (800-2½)

AKRON, OHIO
Amdt 14C 08SEP22

41°02′N-81°28′W

AKRON FULTON INTL (AKR)
LOC RWY 25

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

NDB RWY 25

AKRON FULTON INTL (AKR)

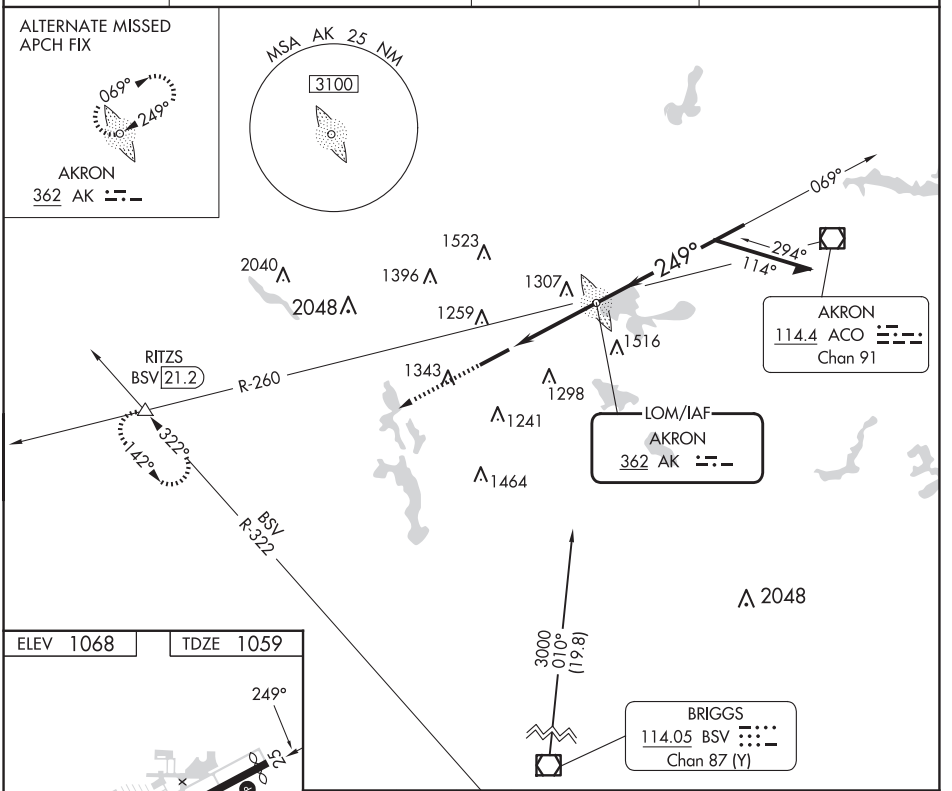
LOM AK	APP CRS	Rwy Idg	6074
362	249°	TDZE	1059
		Apt Elev	1068

Rwy 25 helicopter visibility reduction below 1 SM NA.
Circling Rwy 7 NA at night.

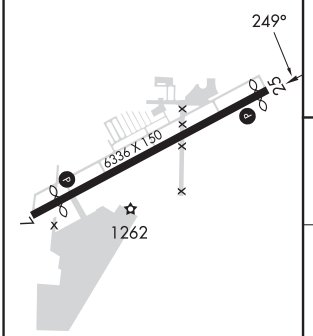
MISSED APPROACH: Climb to 3100 on heading 249° and BSV VOR/DME R-322 to RITZS INT/BSV 21.2 DME and hold.

ASOS	CLEVELAND APP CON ★	CLNC DEL	UNICOM
126.825	125.5 371.875	121.6	123.075 (CTAF) L

ALTERNATE MISSED APCH FIX



ELEV 1068 TDZE 1059

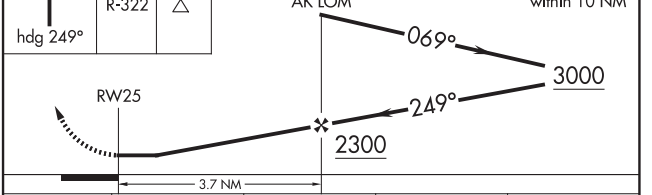


REIL Rwys 7 and 25 L
MIRL Rwy 7-25 L

FAF to MAP 3.7 NM

Knots	60	90	120	150	180
Min:Sec	3:42	2:28	1:51	1:29	1:14

3100 hdg 249°	BSV R-322	RITZS △	Visual Segment - Obstacles.



CATEGORY	A	B	C	D
S-25	1620-1 561 (600-1)		1620-1⅝ 561 (600-1⅝)	
C CIRCLING	1620-1 552 (600-1)	1680-1 612 (700-1)	1800-2 732 (800-2)	1840-2½ 772 (800-2½)

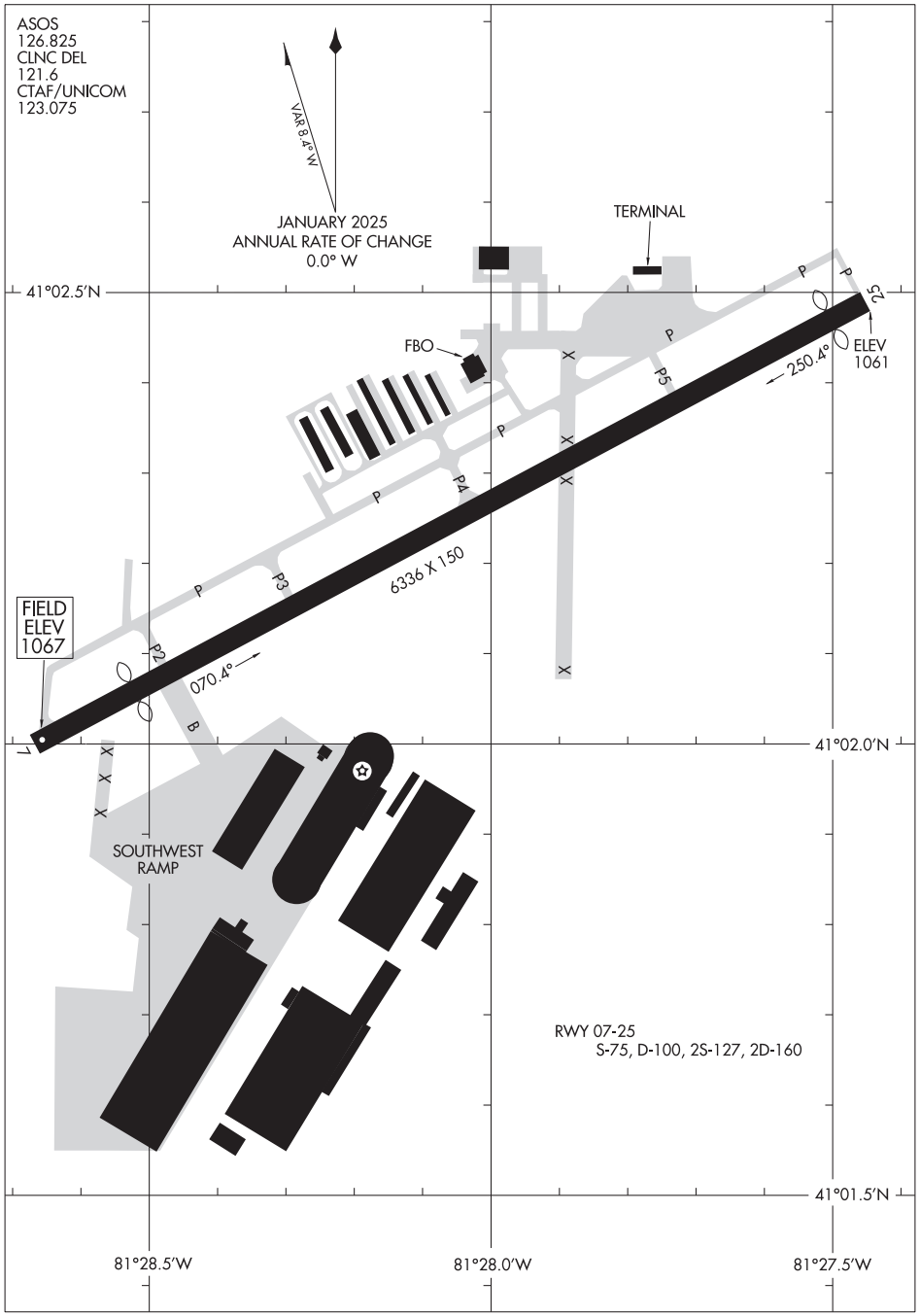
EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

25107

AIRPORT DIAGRAM

AKRON FULTON INTL (AKR)
AKRON,OHIO

AL-6 (FAA)



EC-2, 12 JUN 2025 to 07 AUG 2025

EC-2, 12 JUN 2025 to 07 AUG 2025

AIRPORT DIAGRAM
25107
AKRON,OHIO
AKRON FULTON INTL (AKR)

ILS or LOC RWY 1

AKRON-CANTON RGNL (CAK)

LOC I-CAK	APP CRS	Rwy Idg	7007
109.5	009°	TDZE	1209
		Apt Elev	1226

** RVR 1800 authorized with the use of FD or AP or HUD to DA.

MALSR

MISSED APPROACH: Climb to 1900 then climbing right turn to 3000 direct ACO VOR/DME and hold.

ATIS	CLEVELAND APP CON*	AKRON-CANTON TOWER	GND CON	CLNC DEL
121.05	125.5 269.25	134.75 279.575	121.7 348.6	132.05

ALTERNATE MISSED APCH FIX
KEATN
BSV 15.3
322°
142°
114.05 BSV
R-322
Chan 87(Y)

MISSED APCH FIX
092°
272°
R-092
AKRON
114.4 ACO
Chan 91

KEATN
BSV 15.3

LOCALIZER 109.5
I-CAK

2048
1427
1699
2048
1331±
1377
CABLE OM
009°
2400
(5)
3000
335° (1.7)
(IF)
BULIT
155°
HOLD 3000
335°
R-155
189°

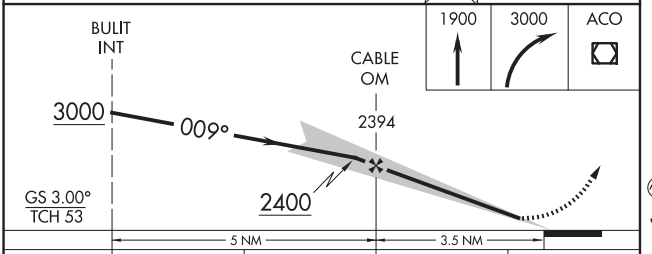
RADAR REQUIRED

MSA BSV 30 NM
3100

IAF
BRIGGS
114.05 BSV
Chan 87(Y)

ELEV 1226 D TDZE 1209

61
32
7601 X 150
0.6% DOWN
TWR
1323
8204 X 150
0.5% UP
5
009°
HIRL Rwys 1-19 and 5-23



CATEGORY	A	B	C	D
S-ILS 1 **	1409/24 200 (200-½)			
S-LOC 1	1600/24 391 (400-½)			1600/40 391 (400-¾)
CIRCLING	1760-1 534 (600-1)		1780-1½ 554 (600-1½)	1800-2 574 (600-2)

FAF to MAP 3.5 NM

Knots	60	90	120	150	180
Min:Sec	3:30	2:20	1:45	1:24	1:10

EC-2, 12 JUN 2025 to 07 AUG 2025

EC-2, 12 JUN 2025 to 07 AUG 2025

AKRON, OHIO | AL-638 (FAA) | 25051

ILS or LOC RWY 5

AKRON-CANTON RGNL (CAK)

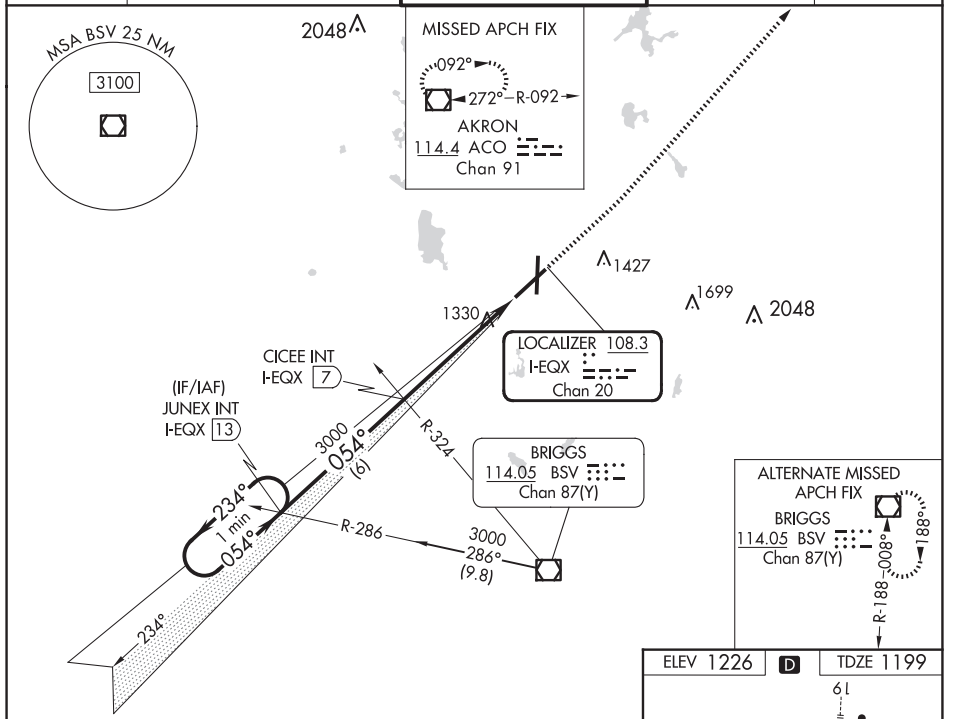
LOC/DME I-EQX	APP CRS	Rwy Idg	8204
108.3	054°	TDZE	1199
Chan 20		Apt Elev	1226

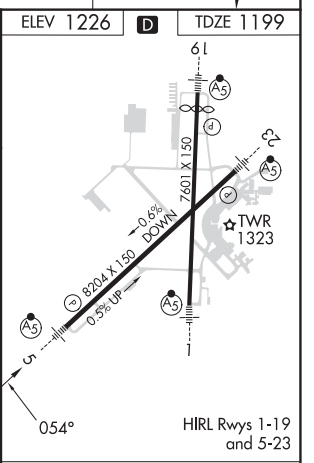
** RVR 1800 authorized with use of FD or AP or HUD to DA.

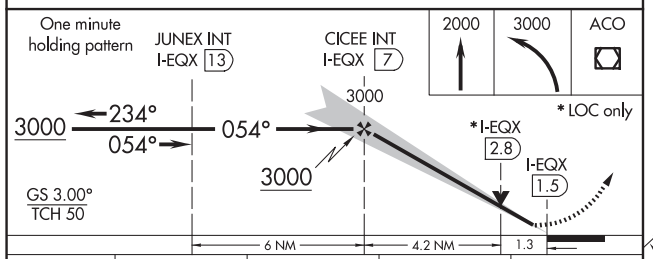
MALSR

MISSED APPROACH: Climb to 2000 then climbing left turn to 3000 direct ACO VOR/DME and hold.

ATIS	CLEVELAND APP CON *	AKRON-CANTON TOWER	GND CON	CLNC DEL
121.05	125.5 269.25	134.75 279.575	121.7 348.6	132.05







CATEGORY	A	B	C	D
S-ILS 5	**1399/24 200 (200-½)			
S-LOC 5	1640/24 441 (500-½)		1640/45 441 (500-⅞)	
CIRCLING	1760-1 534 (600-1)		1780-1½ 554 (600-1½)	1800-2 574 (600-2)

FAF to MAP 5.5 NM

Knots	60	90	120	150	180
Min:Sec	5:30	3:40	2:45	2:12	1:50

AKRON, OHIO
Orig-C 12AUG21

40°55′N - 81°27′W

AKRON-CANTON RGNL (CAK)

ILS or LOC RWY 5

EC-2, 12 JUN 2025 to 07 AUG 2025

EC-2, 12 JUN 2025 to 07 AUG 2025

ILS or LOC RWY 19

AKRON-CANTON RGNL (CAK)

LOC I-RGO	APP CRS	Rwy Idg	7000
109.5	189°	TDZE	1218
		Apt Elev	1226

** RVR 1800 authorized with the use of FD or AP or HUD to DA. For inoperative ALS, increase CAT C/D visibility to RVR 6000. ZEVLO fix minimums: For inoperative ALS, increase Cat C/D visibility to RVR 5500.

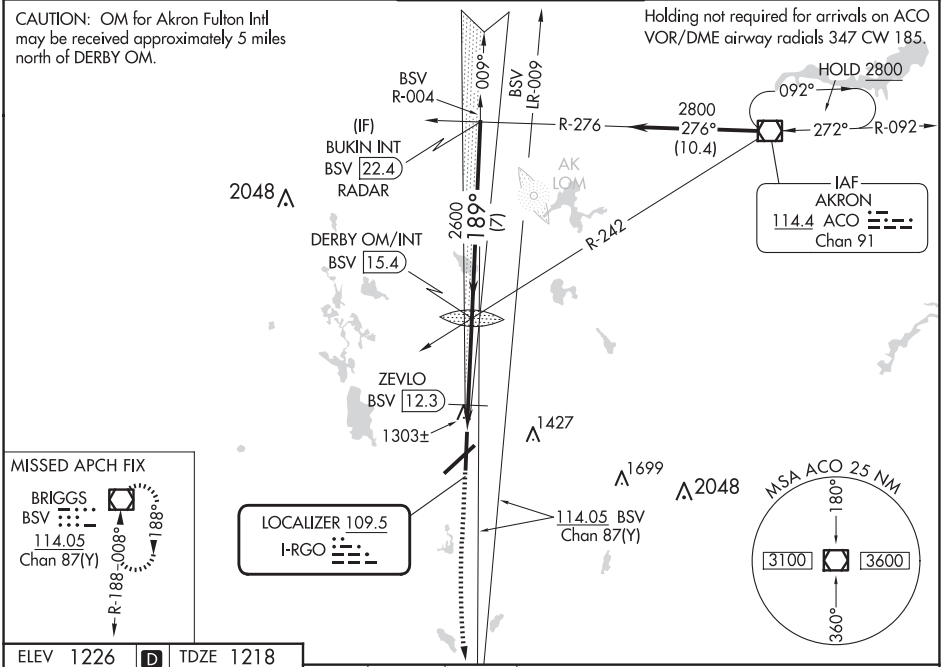
MALSR

MISSED APPROACH: Climb to 1700 then climbing left turn to 3000 direct BSV VOR/DME and hold.

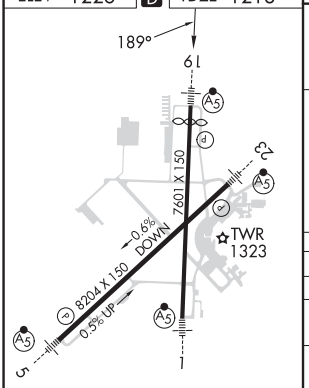
ATIS	CLEVELAND APP CON *	AKRON-CANTON TOWER	GND CON	CLNC DEL
121.05	125.5 269.25	134.75 279.575	121.7 348.6	132.05

CAUTION: OM for Akron Fulton Intl may be received approximately 5 miles north of DERBY OM.

Holding not required for arrivals on ACO VOR/DME airway radials 347 CW 185.

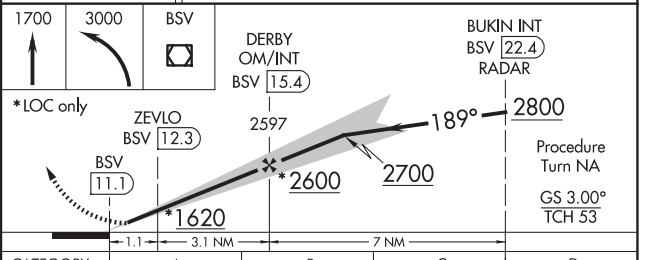


ELEV 1226 D TDZE 1218



HIRL Rwys 1-19 and 5-23

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 19	**1418/24 200 (200-½)			
S-LOC 19	1620/24 402 (400-½)		1620/40 402 (400-¾)	
CIRCLING	1760-1 534 (600-1)		1780-1½ 554 (600-1½)	1800-2 574 (600-2)
ZEVLO FIX MINIMUMS				
S-LOC 19	1580/24 362 (400-½)			1580/40 362 (400-¾)
CIRCLING	1760-1 534 (600-1)		1780-1½ 554 (600-1½)	1800-2 574 (600-2)

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

ILS or LOC RWY 23

AKRON-CANTON RGNL (CAK)

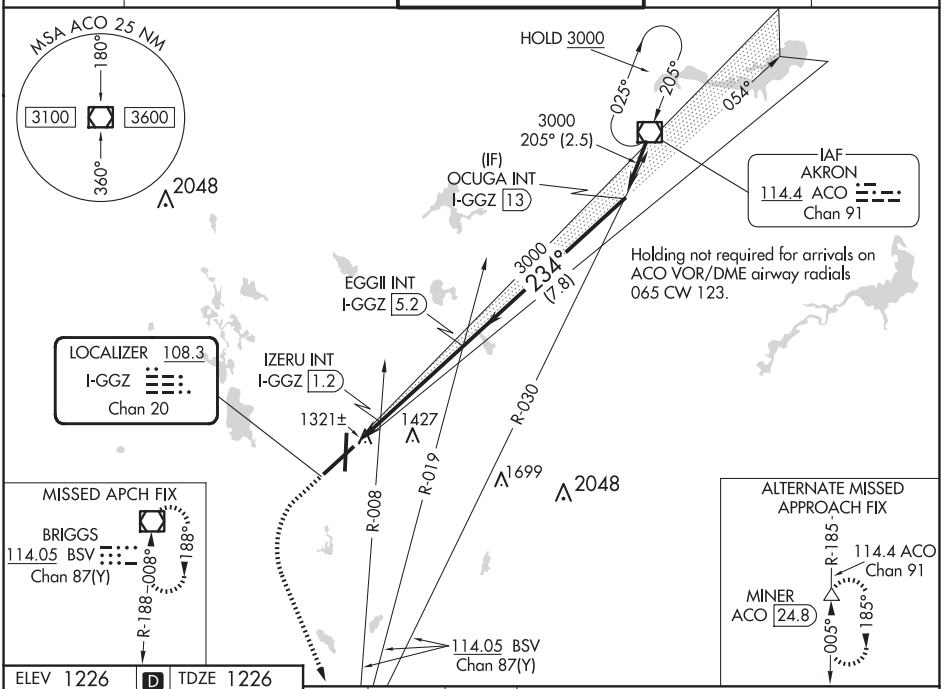
LOC/DME I-GGZ	APP CRS	Rwy Idg	8204
108.3	234°	TDZE	1226
Chan 20		Apt Elev	1226

**RVR 1800 authorized with use of FD or AP or HUD to DA.

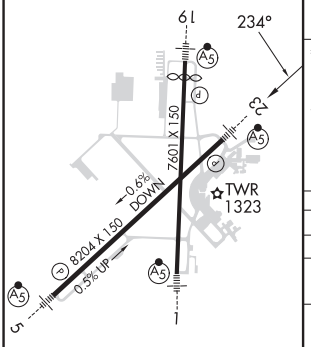
MALSR

MISSED APPROACH: Climb to 2500 then climbing left turn to 3000 direct BSV VOR/DME and hold.

ATIS	CLEVELAND APP CON ★	AKRON-CANTON TOWER	GND CON	CLNC DEL
121.05	125.5 269.25	134.75 279.575	121.7 348.6	132.05

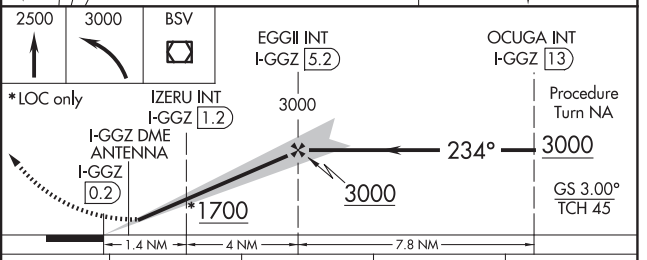


ELEV 1226 D TDZE 1226



HIRL Rwys 1-19 and 5-23

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-ILS 23	**1426/24 200 (200-½)			
S-LOC 23	1700/24 474 (500-½)		1700/50 474 (500-1)	
CIRCLING	1760-1 534 (600-1)		1780-1½ 554 (600-1½)	1800-2 574 (600-2)
IZERU FIX MINIMUMS				
S-LOC 23	1580/24 354 (400-½)			1580/40 354 (400-¾)
CIRCLING	1760-1 534 (600-1)		1780-1½ 554 (600-1½)	1800-2 574 (600-2)

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

RNAV (GPS) RWY 1

AKRON-CANTON RGNL (CAK)

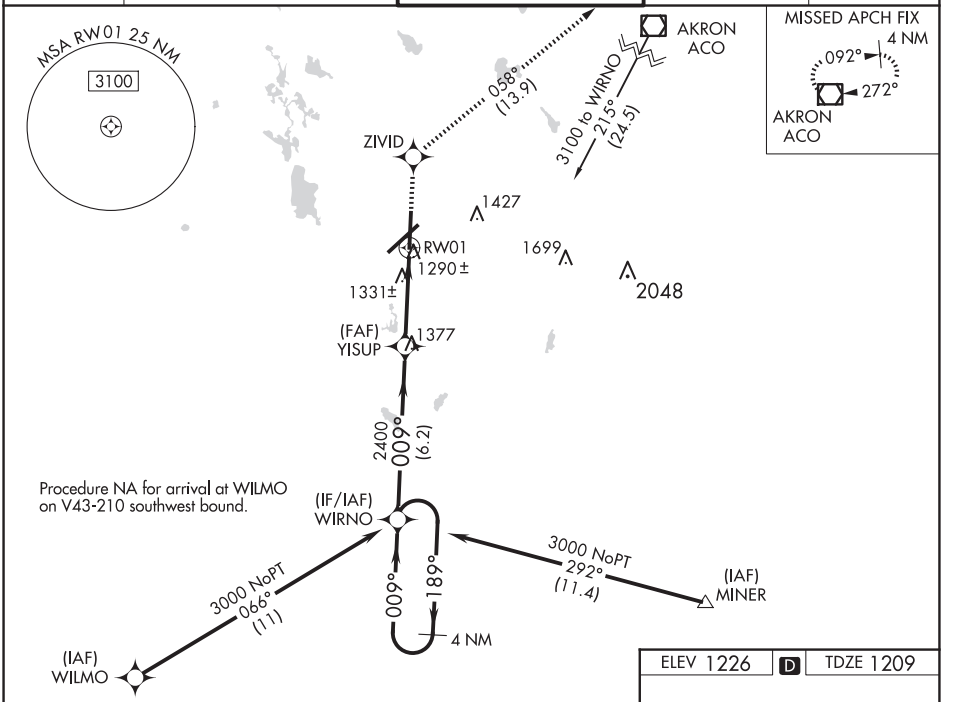
WAAS	APP CRS	Rwy Idg	7007
CH 70420	009°	TDZE	1209
W01A		Apt Elev	1226

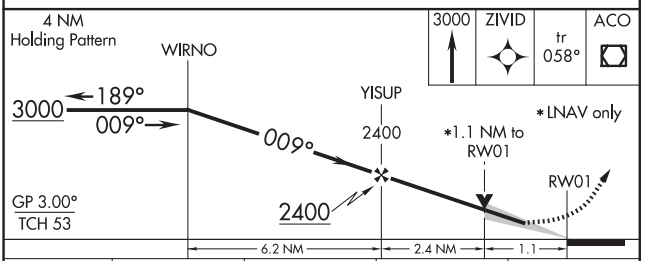
For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -17°C (2°F) or above 45°C (113°F). DME/DME RNP-0.3 NA.
** RVR 1800 authorized with use of FD or AP or HUD to DA.

MALSR

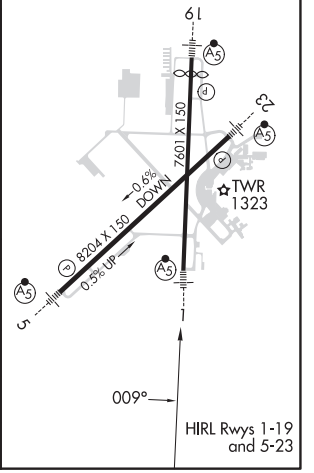
MISSED APPROACH: Climb to 3000 direct ZIVID and on track 058° to ACO VOR/DME and hold.

ATIS	CLEVELAND APP CON ★	AKRON-CANTON TOWER	GND CON	CLNC DEL
121.05	125.5 269.25	134.75 279.575	121.7 348.6	132.05





CATEGORY	A	B	C	D
LPV DA**	1409/24 200 (200-½)			
LNAV/VNAV DA	1542/40 333 (400-¾)			
LNAV MDA	1600/24 391 (400-½)			1600/50 391 (400-1)
CIRCLING	1760-1 534 (600-1)		1780-1½ 554 (600-1½)	1800-2 574 (600-2)



EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

AKRON, OHIO

AL-638 (FAA)

25051

RNAV (GPS) RWY 5

AKRON-CANTON RGNL (CAK)

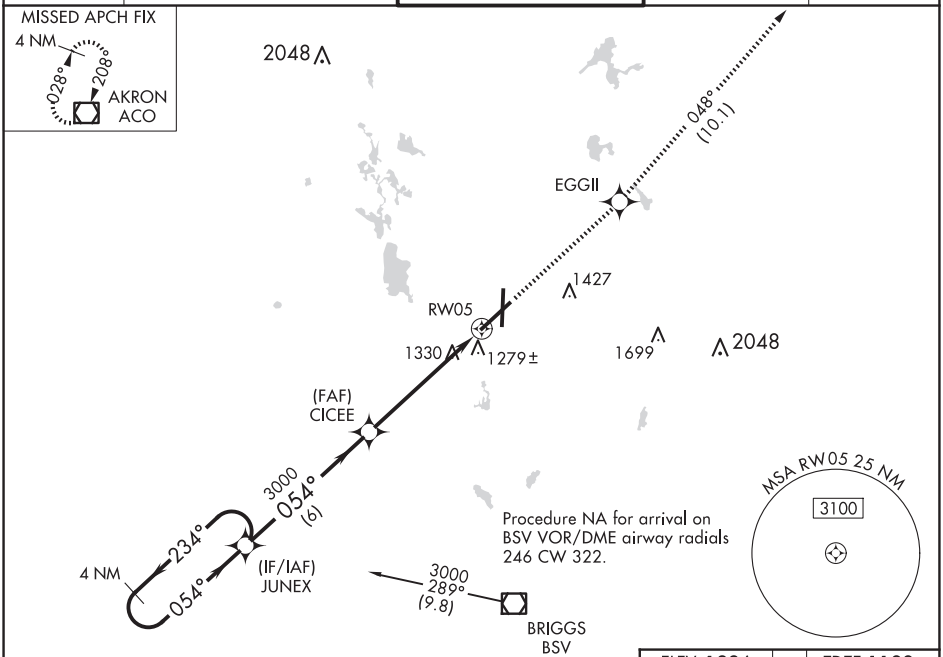
WAAS	APP CRS	Rwy Idg	8204
CH 77620	054°	TDZE	1199
W05A		Apt Elev	1226

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.
** RVR 1800 authorized with use of FD or AP or HUD to DA.

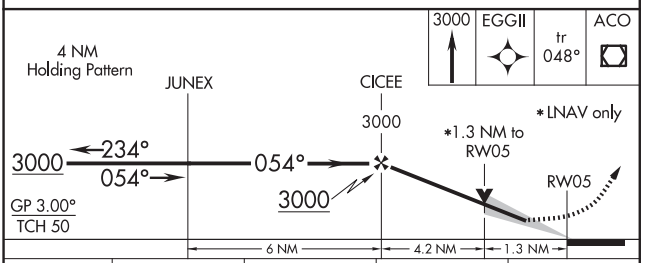
MALSR

MISSED APPROACH: Climb to 3000 direct EGGII and on track 048° to ACO VOR/DME and hold.

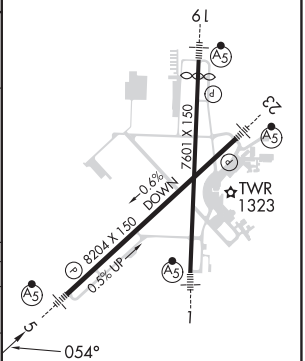
ATIS	CLEVELAND APP CON *	AKRON-CANTON TOWER	GND CON	CLNC DEL
121.05	125.5 269.25	134.75 279.575	121.7 348.6	132.05



ELEV 1226 D TDZE 1199



CATEGORY	A	B	C	D
LPV DA**	1399/24 200 (200-½)			
LNAV/VNAV DA	1577/50 378 (400-1)			
LNAV MDA	1640/24 441 (500-½)		1640/40 441 (500-¾)	1640/50 441 (500-1)
CIRCLING	1760-1 534 (600-1)		1780-1½ 554 (600-1½)	1800-2 574 (600-2)



HIRL Rwys 1-19 and 5-23

AKRON, OHIO
Orig-C 12AUG21

40°55'N - 81°27'W

AKRON-CANTON RGNL (CAK)

RNAV (GPS) RWY 5

EC-2, 12 JUN 2025 to 07 AUG 2025

EC-2, 12 JUN 2025 to 07 AUG 2025

WAAS	APP CRS	Rwy Idg	7000
CH 58020	189°	TDZE	1218
W19A		Apt Elev	1226

RNAV (GPS) RWY 19

AKRON-CANTON RGNL (CAK)

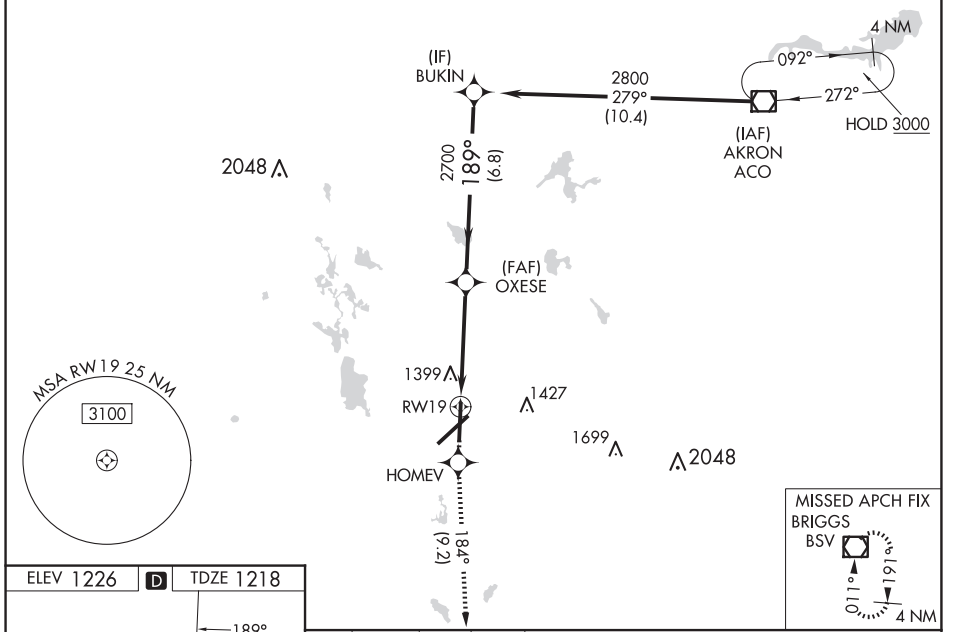
For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -17°C (2°F) or above 46°C (114°F). DME/DME RNP-0.3 NA.
** RVR 1800 authorized with use of FD or AP or HUD to DA.

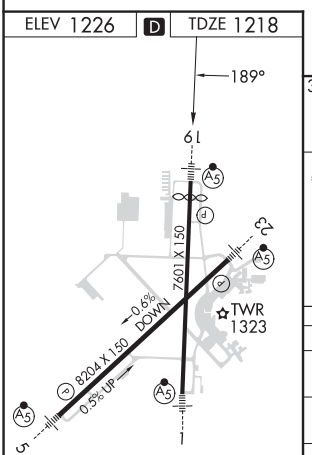
MALSR

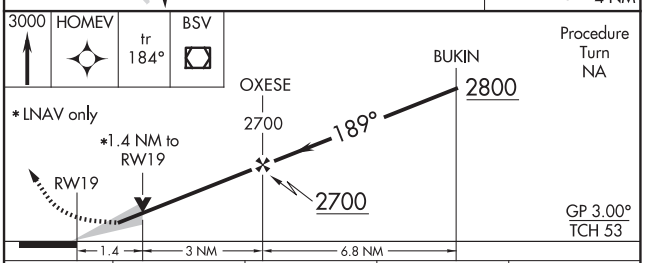
MISSED APPROACH: Climb to 3000 direct HOMEV and on track 184° to BSV VOR/DME and hold.

ATIS	CLEVELAND APP CON *	AKRON-CANTON TOWER	GND CON	CLNC DEL
121.05	125.5 269.25	134.75 279.575	121.7 348.6	132.05

Holding not required for arrivals on ACO VOR/DME airway radials 347 CW 185.







CATEGORY	A	B	C	D
LPV DA**	1418/24 200 (200-½)			
LNAV/ VNAV DA	1753-1½ 535 (600-1½)			
LNAV MDA	1700/24 482 (500-½)		1700/40 482 (500-¾)	1700/50 482 (500-1)
CIRCLING	1760-1 534 (600-1)		1780-1½ 554 (600-1½)	1800-2 574 (600-2)

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

AKRON, OHIO AL-638 (FAA) 25051

RNAV (GPS) RWY 23

AKRON-CANTON RGNL (CAK)

WAAS	APP CRS	Rwy Idg	8204
CH 90220	235°	TDZE	1226
W23A		Apt Elev	1226

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. For inoperative MALSR, increase LNAV Cat D visibility to RVR 6000. ** RVR 1800 authorized with use of FD or AP or HUD to DA.

MALSR

MISSED APPROACH: Climb to 3000 direct CICEE and on track 147° to BSV VOR/DME and hold.

ATIS	CLEVELAND APP CON*	AKRON-CANTON TOWER	GND CON	CLNC DEL
121.05	125.5 269.25	134.75 279.575	121.7 348.6	132.05

Holding not required for arrivals on ACO VOR/DME airway radials 065 CW 123.

4 NM HOLD 3000 028° 208°

3000 208° (2.5) (IAF) AKRON ACO

2048

(IF) OCUGA

3000 235° (7.8)

IZERU 1.4 NM to RW23 (FAF) EGGII

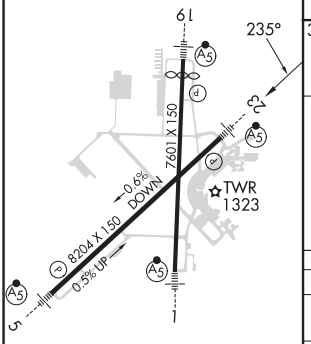
RW23 1427 1329± 1336± 1699 2048

CICEE 147° (8)

MSA RW 23 25 NM 3100

MISSED APCH FIX BRIGGS BSV 191° 110° 4 NM

ELEV 1226 D TDZE 1226



3000	CICEE	tr 147°	BSV

Procedure Turn NA

*LNAV only

EGGII 3000 OCUGA 3000

IZERU 1.4 NM to RW23 235°

RW23 *1700 3000

GP 3.00° TCH 45

1.4 4 NM 7.8 NM

CATEGORY	A	B	C	D
LPV DA**	1426/24 200 (200-½)			
LNAV/VNAV DA	1691/60 465 (500-1¼)			
LNAV MDA	1640/24 414 (500-½)		1640/40 414 (500-¾)	1640/50 414 (500-1)
CIRCLING	1760-1 534 (600-1)		1780-1½ 554 (600-1½)	1800-2 574 (600-2)

HIRL Rwys 1-19 and 5-23

AKRON, OHIO
Orig-C 12AUG21

40°55'N - 81°27'W

AKRON-CANTON RGNL (CAK)

RNAV (GPS) RWY 23

EC-2, 12 JUN 2025 to 07 AUG 2025

EC-2, 12 JUN 2025 to 07 AUG 2025

VOR/DME ACO	APP CRS	Rwy Idg	8204
114.4	048°	TDZE	1199
Chan 91		Apt Elev	1226

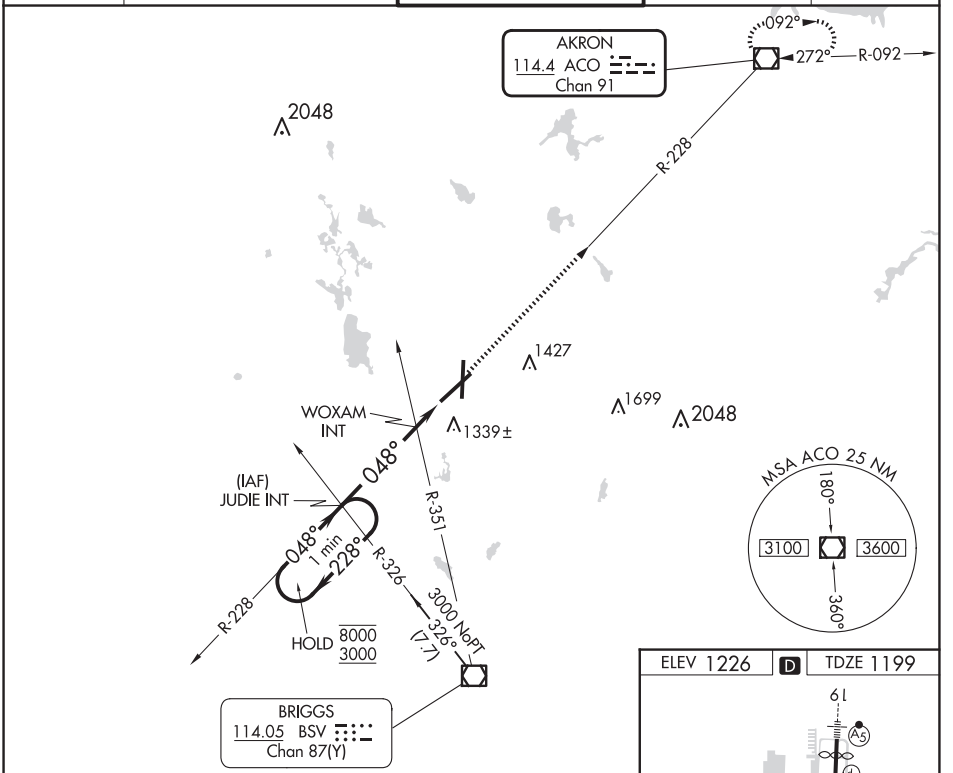
VOR RWY 5
AKRON-CANTON RGNL (CAK)

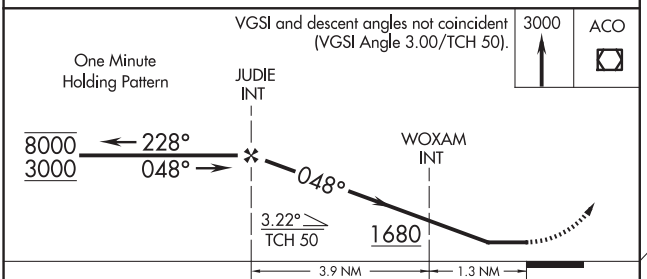
Dual VOR receivers required.

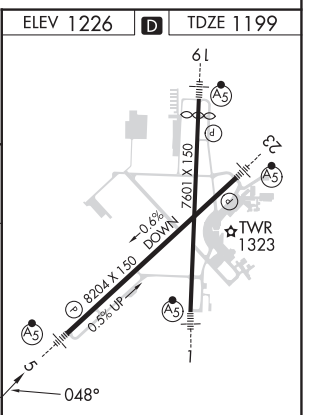
MALSR

MISSED APPROACH: Climb to 3000 direct ACO VOR/DME and hold.

ATIS	CLEVELAND APP CON *	AKRON-CANTON TOWER	GND CON	CLNC DEL
121.05	125.5 269.25	134.75 279.575	121.7 348.6	132.05







CATEGORY	A	B	C	D
S-5	1600/24	401 (400-½)	1600/40 401 (400-¾)	1600/50 401 (400-1)
C CIRCLING	1760-1	534 (600-1)	1780-1½ 554 (600-1½)	1800-2 574 (600-2)

HIRL Rwys 1-19 and 5-23

FAF to MAP 5.2 NM

Knots	60	90	120	150	180
Min:Sec	5:12	3:28	2:36	2:05	1:44

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

AKRON, OHIO | AL-638 (FAA) | 25051

VOR RWY 23

AKRON-CANTON RGNL (CAK)

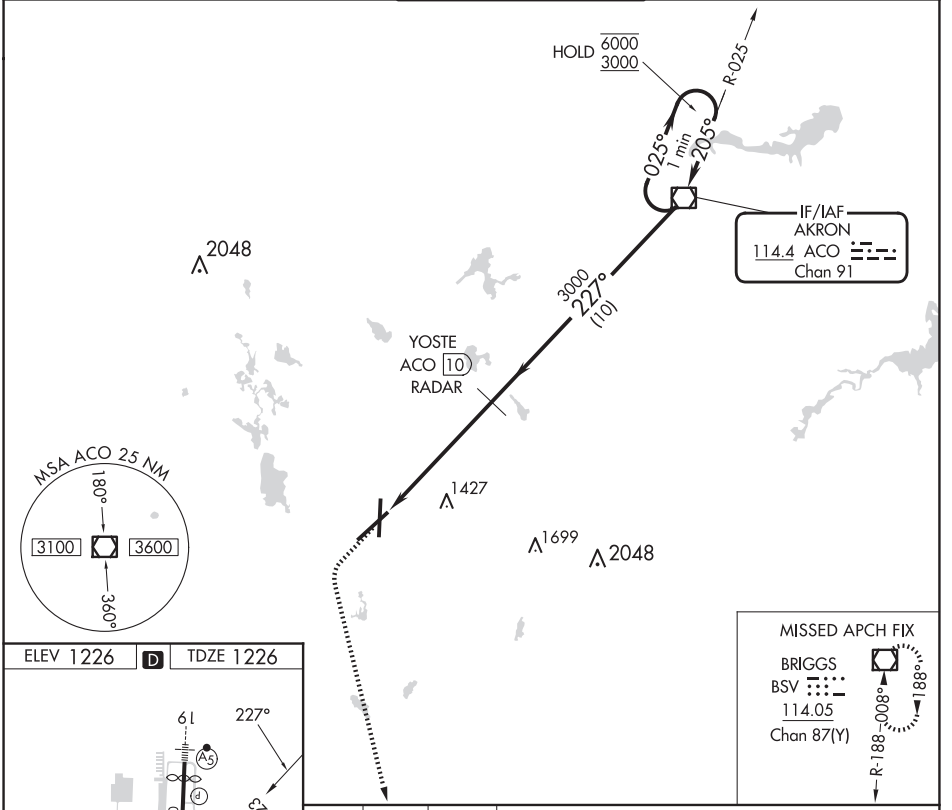
VOR/DME ACO 114.4 Chan 91	APP CRS 227°	Rwy Idg 8204 TDZE 1226 Apt Elev 1226

DME or RADAR required.

MALSR

MISSED APPROACH: Climb to 3000 then left turn direct BSV VOR/DME and hold.

ATIS	CLEVELAND APP CON ★	AKRON-CANTON TOWER	GND CON	CLNC DEL
121.05	125.5 269.25	134.75 279.575	121.7 348.6	132.05



HIRL Rwys 1-19 and 5-23

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-23	1680/24 454 (500-½)		1680/40 454 (500-¾)	1680/50 454 (500-1)
C CIRCLING	1760-1 534 (600-1)		1780-1½ 554 (600-1½)	1800-2 574 (600-2)

AKRON, OHIO
Amdt 10B 27JAN22

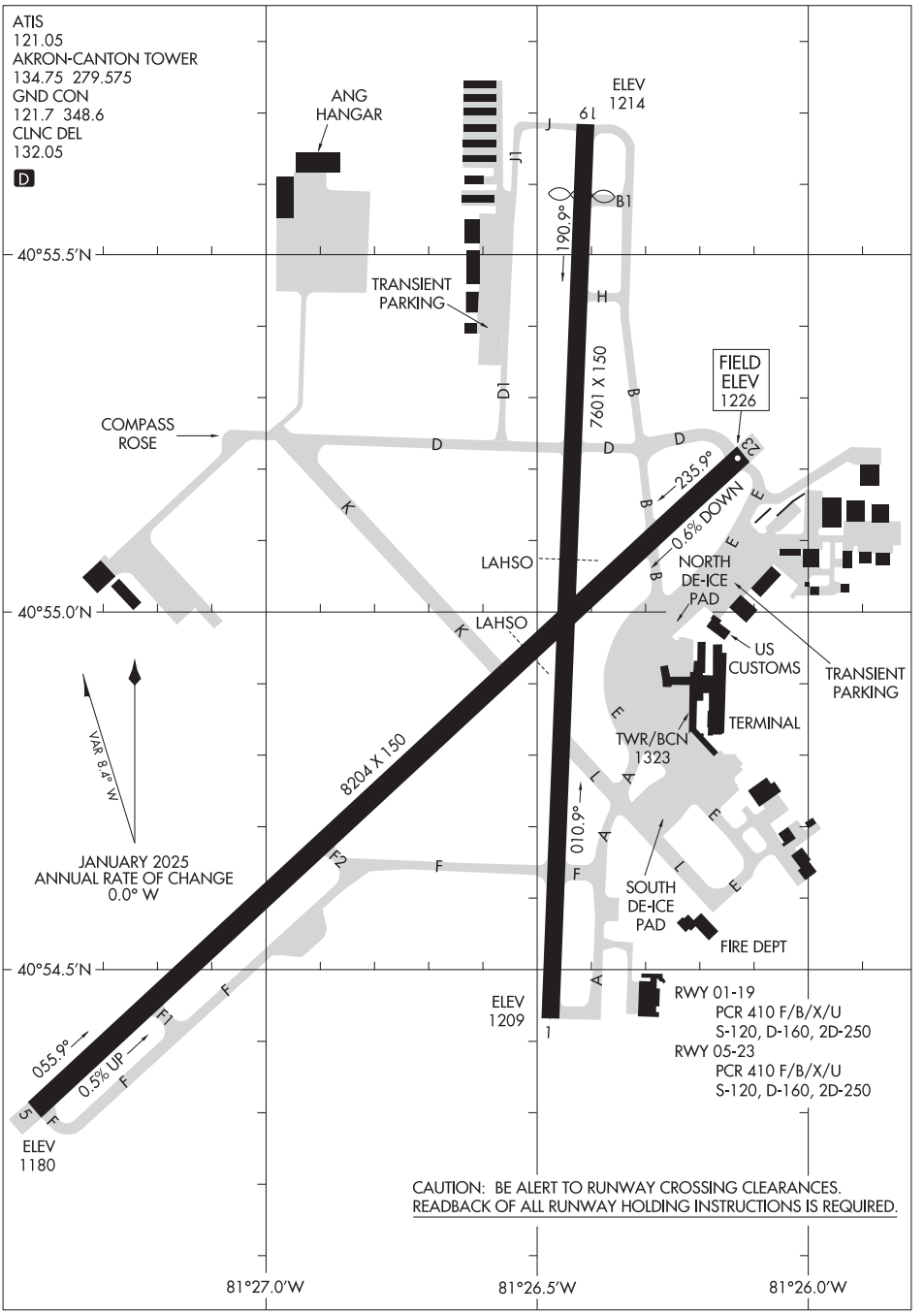
40°55′N - 81°27′W

AKRON-CANTON RGNL (CAK)

VOR RWY 23

EC-2, 12 JUN 2025 to 07 AUG 2025

EC-2, 12 JUN 2025 to 07 AUG 2025



EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

ILS or LOC RWY 30

ANDERSON RGNL (AID)

LOC I-AID	APP CRS	Rwy Idg	TDZE	Apt Elev
110.1	298°	5320	919	919

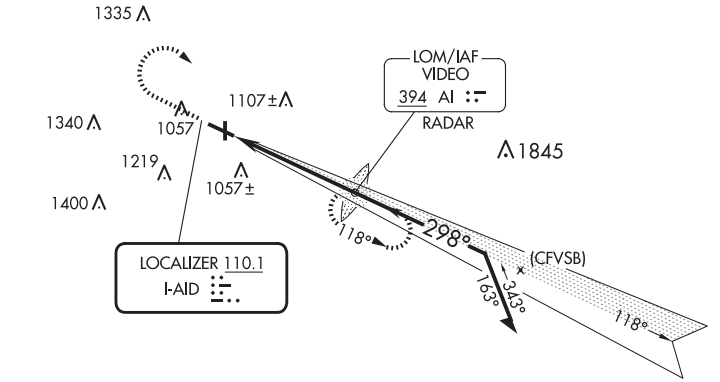
ADF required.
RADAR required for procedure entry.

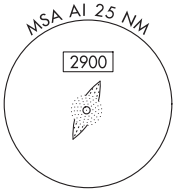
T Rwy 30 helicopter visibility reduction below ¾ SM NA.
A For inop ALS, increase S-ILS 30 all Cats visibility to ⅞ SM.

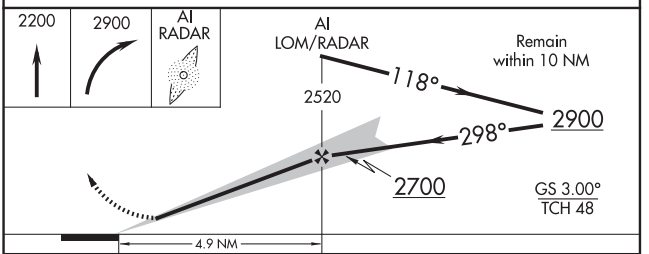
MALSF

MISSED APPROACH: Climb to 2200 then climbing right turn to 2900 direct VIDEO LOM/RADAR and hold.

AWOS-3	INDIANAPOLIS APP CON	ANDERSON TOWER ★	GND CON	UNICOM
128.55	120.65 317.8	126.0 (CTAF) L	121.6	122.95

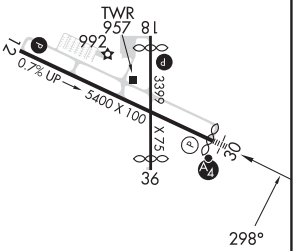






CATEGORY	A	B	C	D
S-ILS 30	1209-¾ 290 (300-¾)			
S-LOC 30	1440-¾ 521 (600-¾)		1440-1¼ 521 (600-1¼)	
C CIRCLING	1440-1 521 (600-1)		1520-1¾ 601 (700-1¾)	1520-2 601 (700-2)

ELEV 919 TDZE 919



REIL Rwy 12
MIRL Rwys 12-30 and 18-36 L

FAF to MAP 4.9 NM

Knots	60	90	120	150	180
Min:Sec	4:54	3:16	2:27	1:58	1:38

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

RNAV (GPS) RWY 12

ANDERSON RGNL (AID)

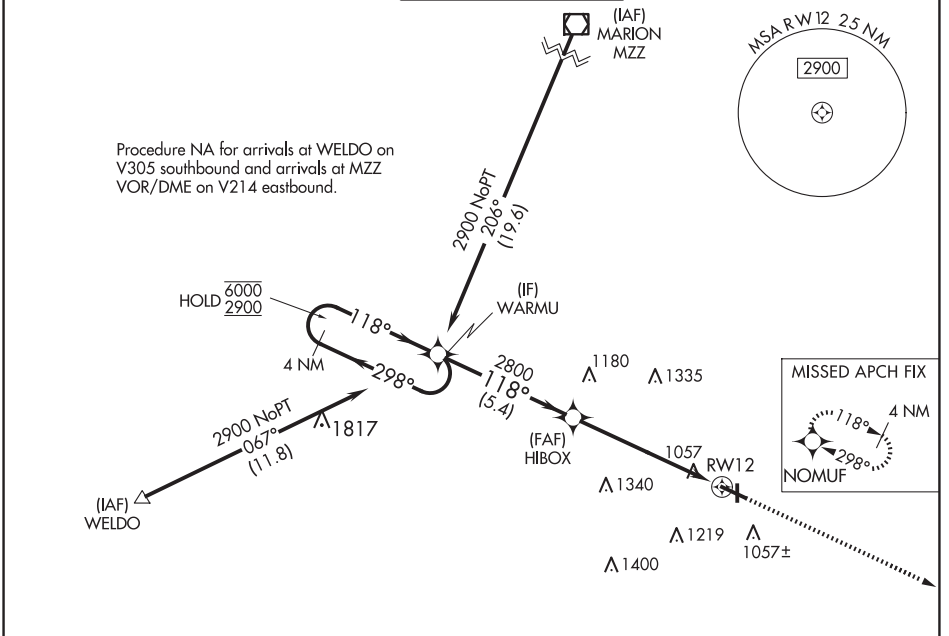
WAAS	APP CRS		
CH **61343**	**118°**	Rwy ldg	**5400**
W12A		TDZE	**897**
		Apt Elev	**919**

RNP APCH.

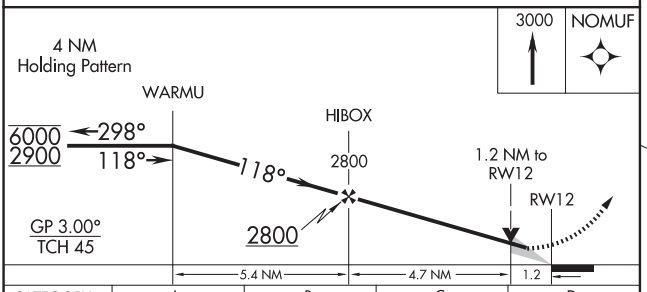
V A For uncompensated Baro-VNAV systems, procedure NA below -16°C or above 54°C.

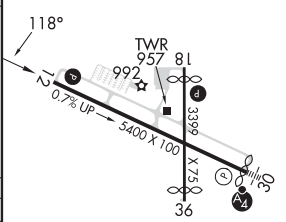
MISSED APPROACH: Climb to 3000 direct NOMUF and hold.

AWOS-3	INDIANAPOLIS APP CON	ANDERSON TOWER ★	GND CON	UNICOM
128.55	**120.65 317.8**	**126.0** (CTAF) L	**121.6**	**122.95**



ELEV	919	TDZE	897





CATEGORY	A	B	C	D
LPV DA	1157-¾		260 (300-¾)	
LNAV/VNAV DA	1218-1		321 (300-1)	
LNAV MDA	1340-1	443 (500-1)	1340-1⅜	443 (500-1⅜)
C CIRCLING	1360-1 441 (500-1)	1400-1 481 (500-1)	1520-1¾ 601 (700-1¾)	1520-2 601 (700-2)

MIRL Rwys 12-30 and 18-36 L
REIL Rwy 12

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

RNAV (GPS) RWY 30

ANDERSON RGNL (AID)

WAAS	APP CRS	Rwy Idg	5320
CH 56415	298°	TDZE	919
W30A		Apt Elev	919

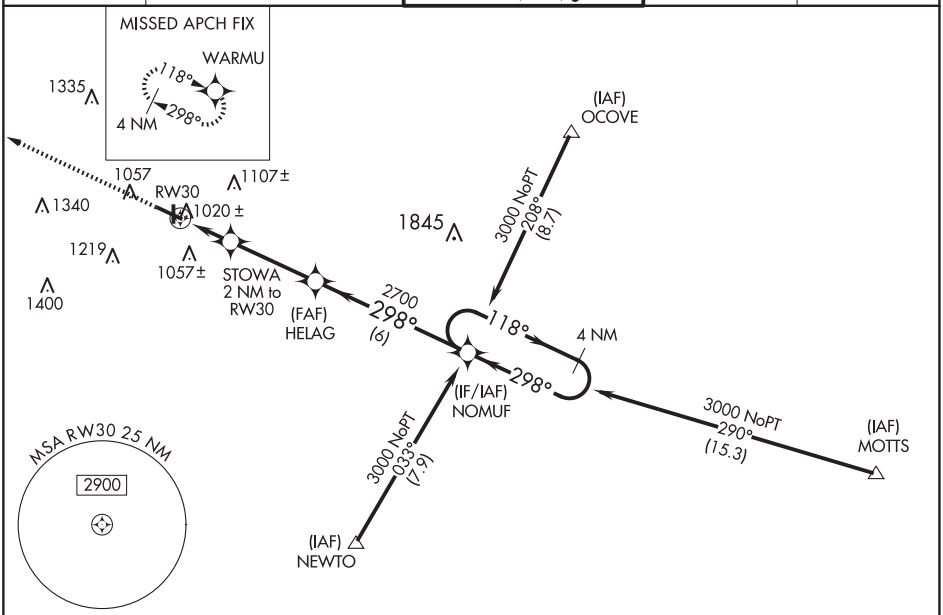
RNP APCH.

T A For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -16°C (4°F) or above 47°C (116°F). When local altimeter setting not received, use Muncie altimeter setting and increase all DA 32 feet and all MDA 40 feet, and increase LPV and LNAV/VNAV all Cats and LNAV Cat C visibility ¼ mile. Inoperative table does not apply.
Rwy 30 helicopter visibility reduction below ¾ SM NA.

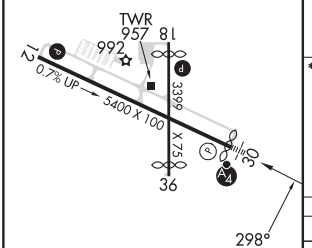
MALSF

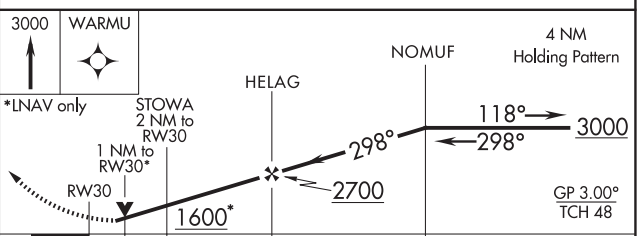
MISSED APPROACH: Climb to 3000 direct WARMU and hold.

AWOS-3	INDIANAPOLIS APP CON	ANDERSON TOWER *	GND CON	UNICOM
128.55	120.65 317.8	126.0 (CTAF) L	121.6	122.95



ELEV 919	TDZE 919



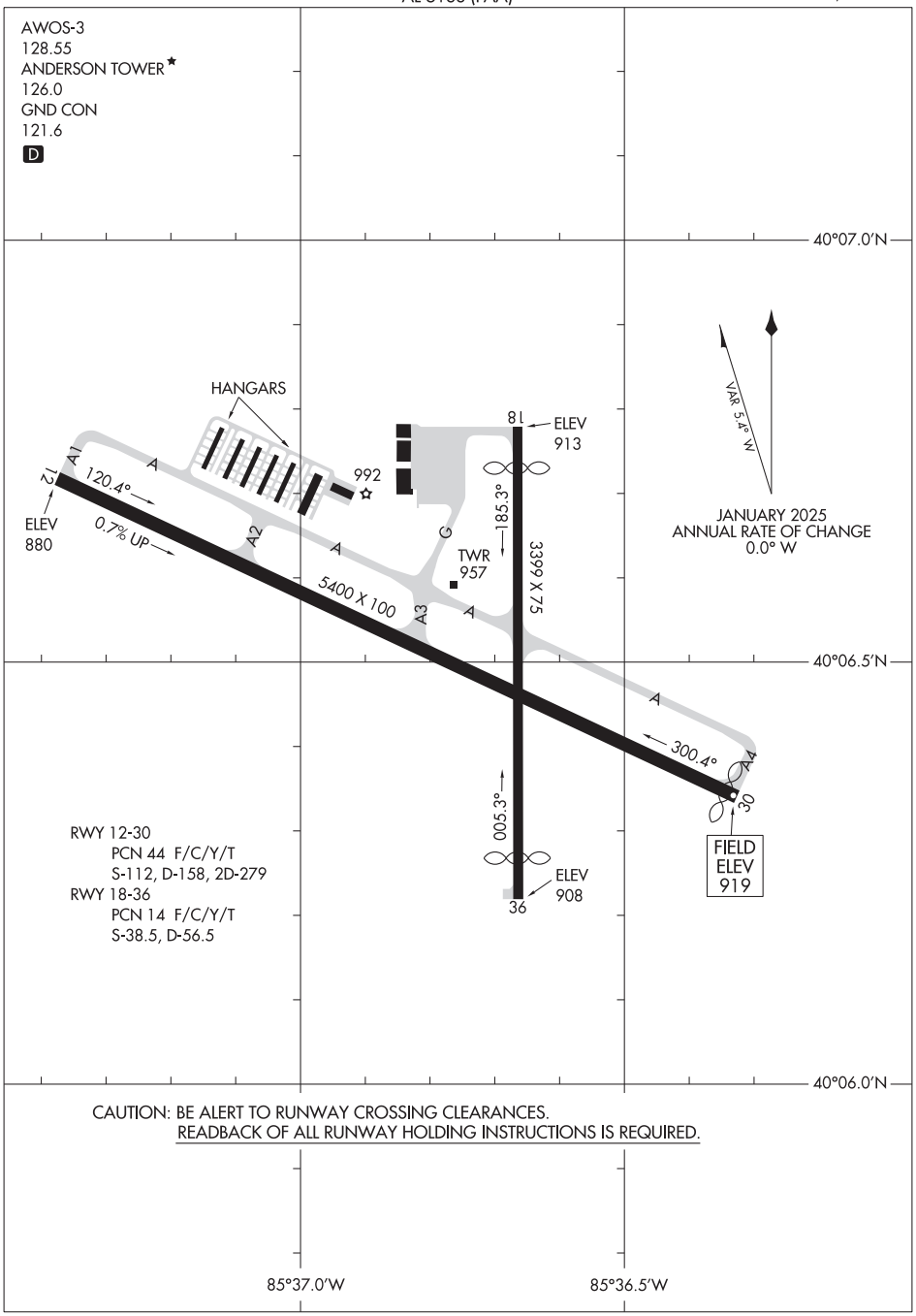


CATEGORY	A	B	C	D
LPV DA	1234-1 315 (400-1)			
LNAV/VNAV DA	1367-1½ 448 (500-1½)			
LNAV MDA	1300-1 381 (400-1)			1300-1¼ 381 (400-1¼)
C CIRCLING	1360-1 441 (500-1)	1400-1 481 (500-1)	1520-1¾ 601 (700-1¾)	1520-2 601 (700-2)

REIL Rwy 12
MIRL Rwys 12-30 and 18-36 L

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

AL-5133 (FAA)



EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

ANGOLA, INDIANA | AL-6196 (FAA) | 25163

RNAV (GPS) RWY 5

TRI-STATE STEUBEN COUNTY (ANQ)

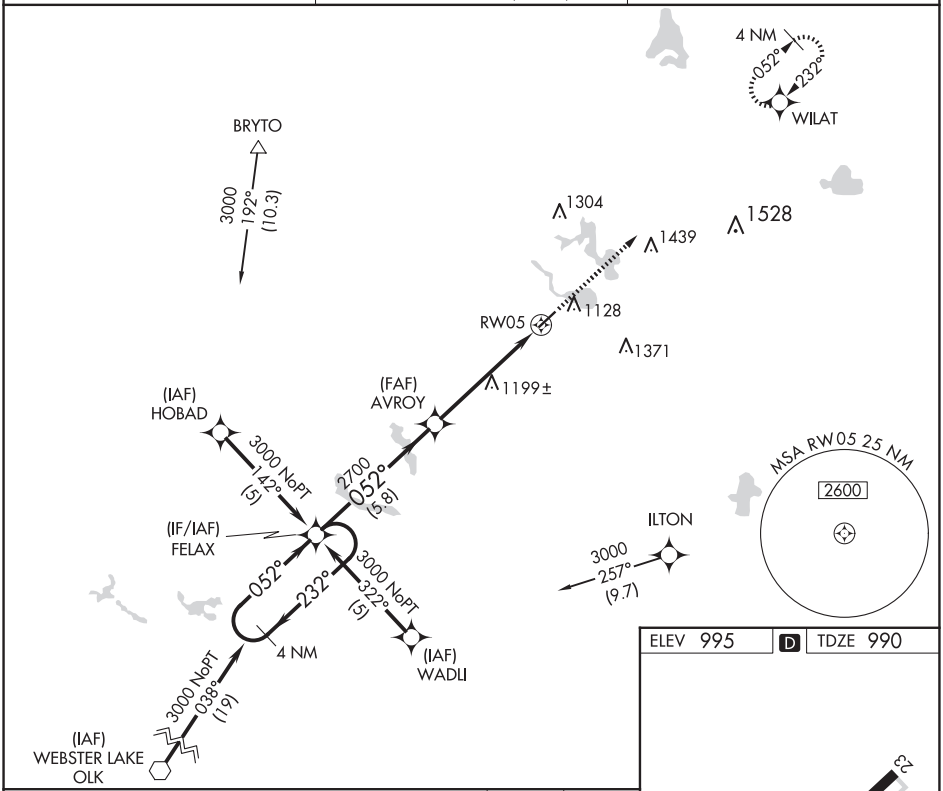
APP CRS	Rwy Idg	4000
052°	TDZE	990
	Apt Elev	995

RNP APCH.

T NA — For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -16°C or above 54°C. Rwy 5 helicopter visibility reduction below ¾ SM NA.

MISSED APPROACH: Climb to 3000 direct WILAT and hold.

AWOS-3	FORT WAYNE APP CON	UNICOM
118.175	127.2 284.6 (SW/NW) 132.15 284.6 (SE/NE)	123.075 (CTAF) L



CATEGORY	A	B	C	D
LNAV/VNAV DA	1474-1¾ 484 (500-1¾)			NA
LNAV MDA	1460-1 470 (500-1)		1460-1½ 470 (500-1½)	NA

REIL Rwys 5 and 23 L
MIRL Rwy 5-23 L

ANGOLA, INDIANA
Orig-F 27FEB20

41°38'N-85°05'W

TRI-STATE STEUBEN COUNTY (ANQ)

RNAV (GPS) RWY 5

EC-2, 12 JUN 2025 to 07 AUG 2025

EC-2, 12 JUN 2025 to 07 AUG 2025

APP CRS	Rwy Idg	4000
232°	TDZE	995
	Apt Elev	995

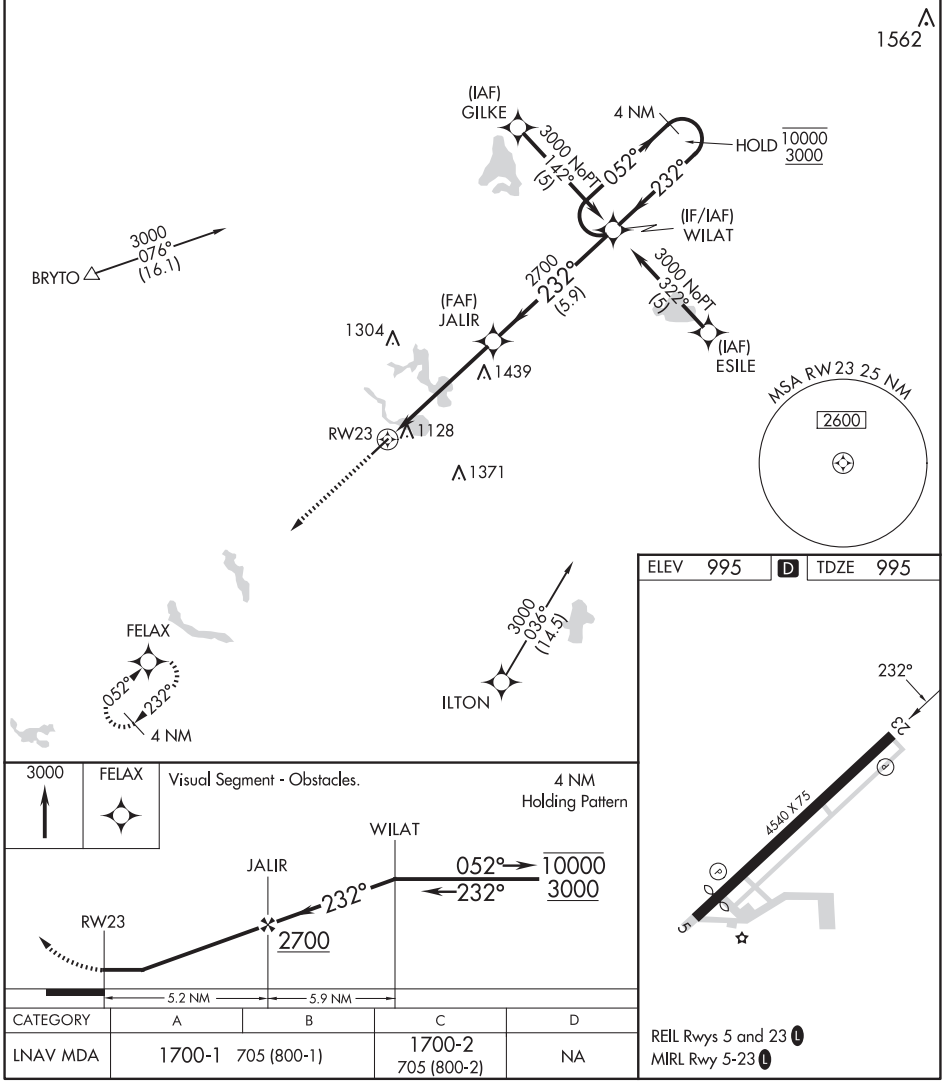
RNAV (GPS) RWY 23
TRI-STATE STEUBEN COUNTY (ANQ)

RNP APCH.

Rwy 23 helicopter visibility reduction below 1 SM NA. Procedure NA at night.

MISSED APPROACH: Climb to 3000 direct FELAX and hold.

AWOS-3	FORT WAYNE APP CON	UNICOM
118.175	127.2 284.6 (SW/NW) 132.15 284.6 (SE/NE)	123.075 (CTAF) L



CATEGORY	A	B	C	D
LNAV MDA	1700-1 705 (800-1)		1700-2 705 (800-2)	NA

REIL Rwys 5 and 23 L
MIRL Rwy 5-23 L

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

ASHLAND, OHIO | AL-6115 (FAA) | 24193

RNAV (GPS) RWY 19

ASHLAND COUNTY (3G4)

APP CRS	Rwy Idg	3501
188°	TDZE	1204
	Apt Elev	1207

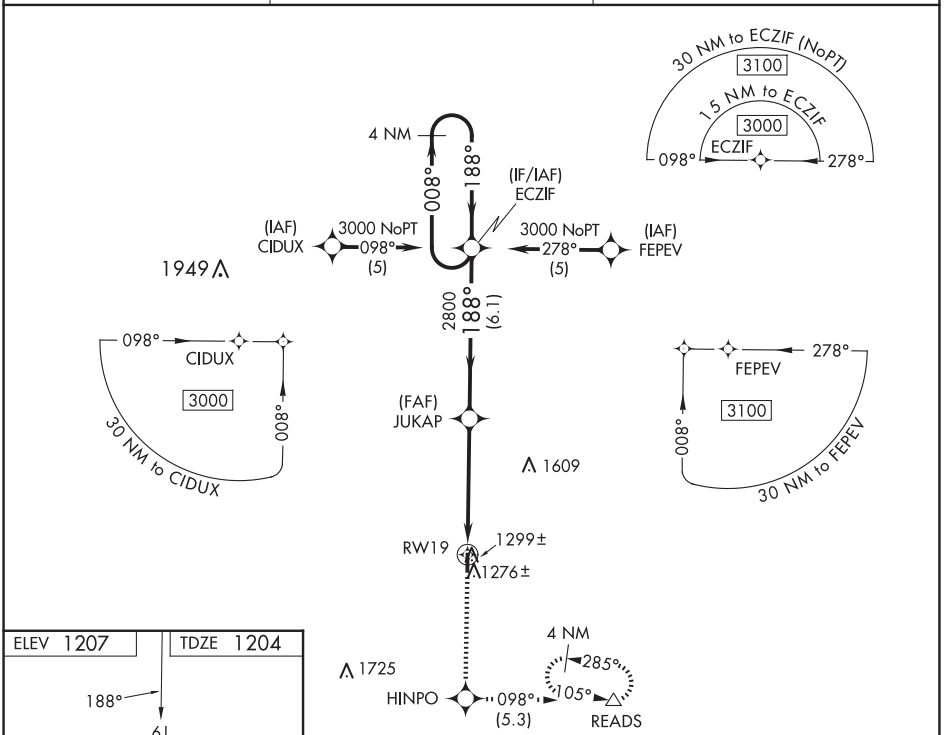
RNP APCH.

Rwy 19 helicopter visibility reduction below 1 SM NA. Procedure NA at night. Use Mansfield altimeter setting, when not received use Wooster altimeter setting.

NA

MISSED APPROACH: Climb to 3000 direct HINPO and left turn on track 098° to READS and hold.

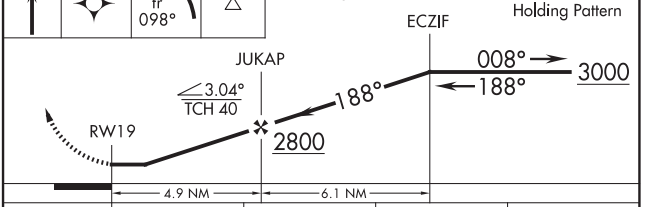
MFD ASOS	CLEVELAND APP CON ★	UNICOM
125.3	128.35 360.65	122.7 (CTAF) L



3000	HINPO	tr 098°	READS

VGSI and descent angles not coincident (VGSI Angle 3.00/TCH 20).

4 NM Holding Pattern



CATEGORY	A	B	C	D
LNAV MDA	1600-1	396 (400-1)	1600-1⅛ 396 (400-1⅛)	NA
CIRCLING	1660-1	453 (500-1)	1740-1½ 533 (600-1½)	NA

REIL Rwys 1 and 19 L
MIRL Rwy 1-19 L

ASHLAND, OHIO
Orig-F 09SEP21

40°54'N-82°15'W

ASHLAND COUNTY (3G4)
RNAV (GPS) RWY 19

EC-2, 12 JUN 2025 to 07 AUG 2025

EC-2, 12 JUN 2025 to 07 AUG 2025

RNAV (GPS) RWY 9

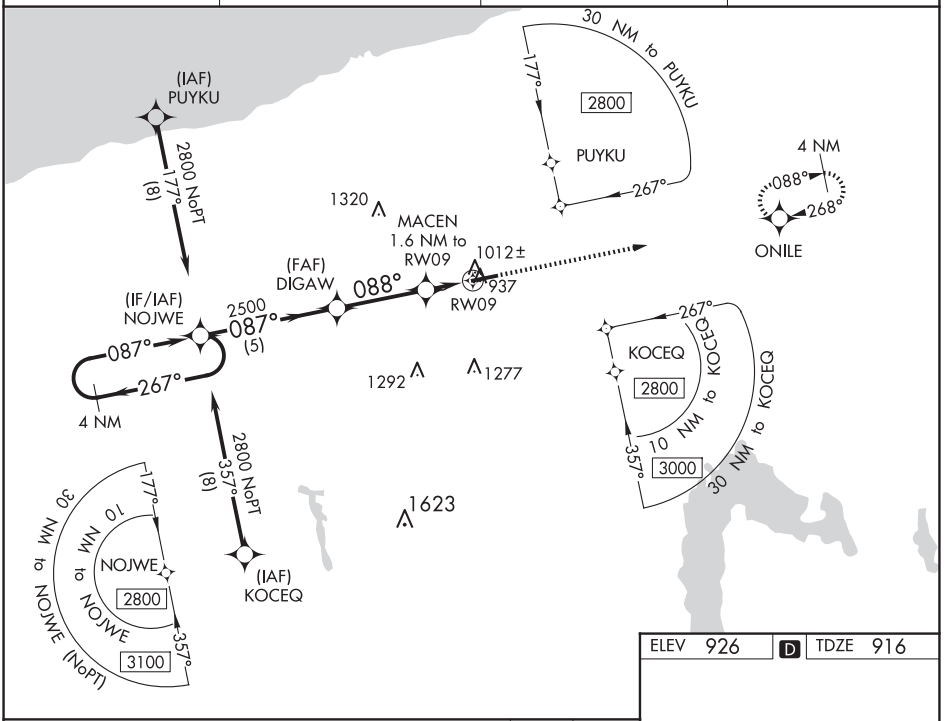
NORTHEAST OHIO RGNL (HZY)

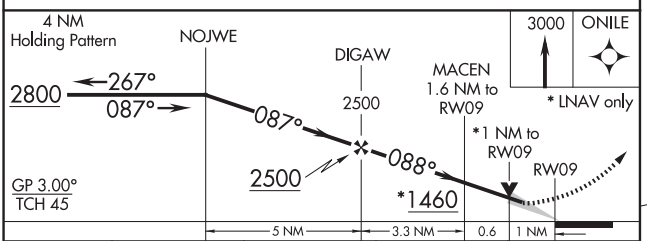
WAAS	APP CRS	Rwy Idg	5100
CH 58013	088°	TDZE	916
W09A		Apt Elev	926

For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -21°C (-5°F) or above 54°C (130°F). DME/DME RNP-0.3 NA.

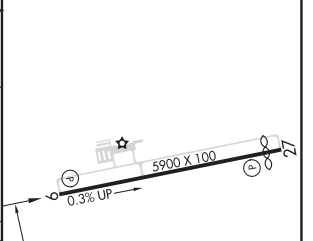
MISSED APPROACH: Climb to 3000 direct ONILE and hold.

ASOS	BUFFALO APP CON ★	UNICOM	
118.325	121.0	122.8 (CTAF)	123.3 L





CATEGORY	A	B	C	D
LPV DA	1166-⅞	250 (300-⅞)		
LNAV/VNAV DA	1182-⅞	266 (300-⅞)		
LNAV MDA	1280-1	364 (400-1)		
C CIRCLING	1340-1 414 (500-1)	1380-1 454 (500-1)	1500-1½ 574 (600-1½)	1580-2 654 (700-2)



REIL Rwys 9 and 27 L
HIRL Rwy 9-27 L

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

ASHTABULA, OHIO | AL-5613 (FAA) | 23110

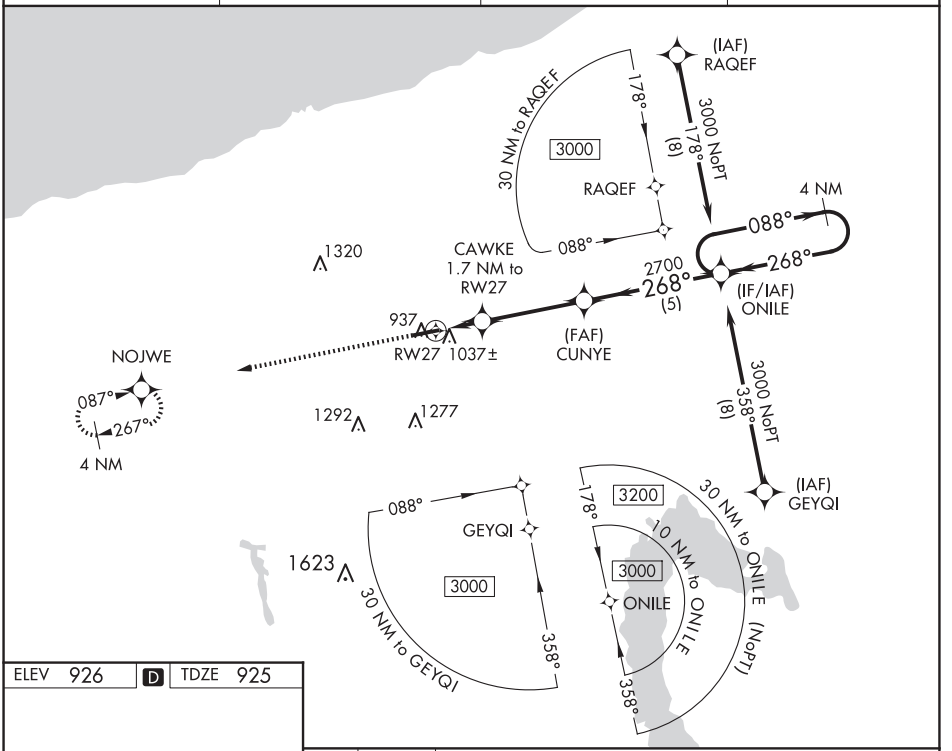
WAAS	APP CRS	Rwy Idg	5100
CH 72713	268°	TDZE	925
W27A		Apt Elev	926

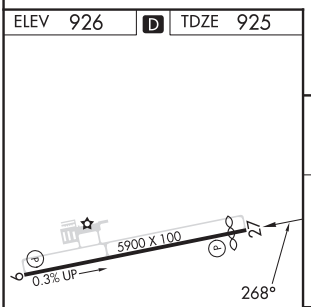
RNAV (GPS) RWY 27
NORTHEAST OHIO RGNL (HZY)

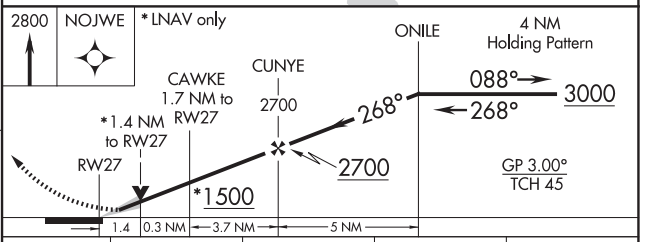
For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -21°C (-5°F) or above 54°C (130°F). DME/DME RNP-0.3 NA.

MISSED APPROACH: Climb to 2800 direct NOJWE and hold.

ASOS	BUFFALO APP CON ★	UNICOM	
118.325	121.0	122.8 (CTAF)	123.3 L







CATEGORY	A	B	C	D
LPV DA	1184-⅞	259 (300-⅞)		
LNAV/VNAV DA	1198-⅞	273 (300-⅞)		
LNAV MDA	1300-1	375 (400-1)		
CIRCLING	1340-1 414 (500-1)	1380-1 454 (500-1)	1500-1½ 574 (600-1½)	1580-2 654 (700-2)

REIL Rwys 9 and 27 L
HIRL Rwy 9-27 L

ASHTABULA, OHIO
Amdt 1 12OCT17

41°47'N-80°42'W

NORTHEAST OHIO RGNL (HZY)
RNAV (GPS) RWY 27

EC-2, 12 JUN 2025 to 07 AUG 2025

LOC I-UNI	APP CRS	Rwy Idg	5600
108.75	247°	TDZE	765
		Apt Elev	766

ILS or LOC RWY 25

OHIO UNIVERSITY (UNI)

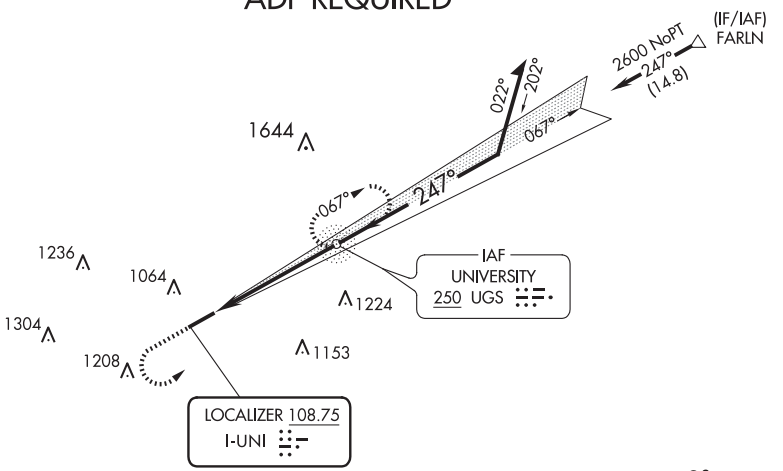
ADF required.
NA

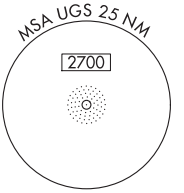
MISSED APPROACH: Climb to 3000 then left turn direct UGS NDB and hold.

AWOS-3	HUNTINGTON APP CON	CLNC DEL	UNICOM
128.325	120.95 270.1	120.95	123.075 (CTAF) L

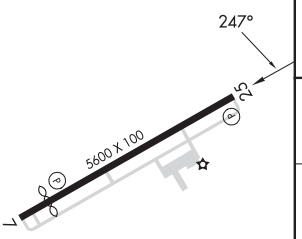
EC-2, 12 JUN 2025 to 07 AUG 2025

ADF REQUIRED





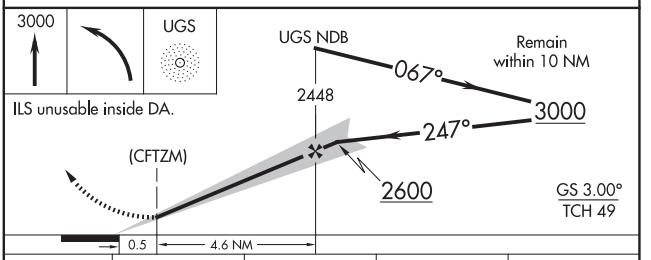
ELEV 766	TDZE 765



MIRL Rwy 7-25 L
REIL Rwys 7 and 25 L

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
S-ILS 25		974-1	209 (300-1)	
S-LOC 25	1420-1	655 (700-1)	1420-1⅞	655 (700-1⅞)
C CIRCLING	1420-1	654 (700-1)	1420-1⅞ 654 (700-1⅞)	1480-2¼ 714 (800-2¼)

EC-2, 12 JUN 2025 to 07 AUG 2025

ATHENS/ALBANY, OHIO | AL-5861 (FAA) | 23222

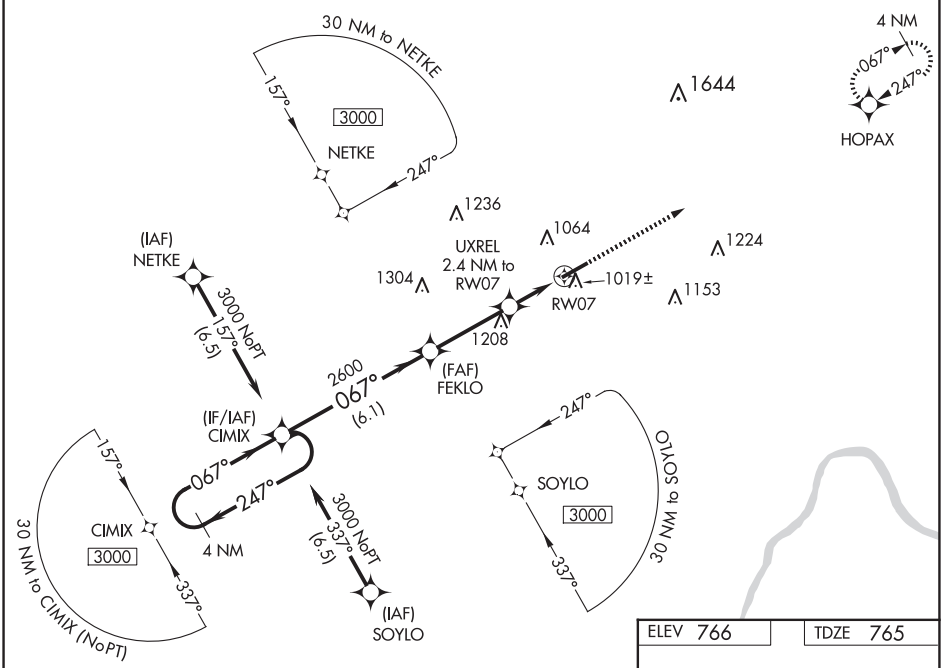
RNAV (GPS) RWY 7
OHIO UNIVERSITY (UNI)

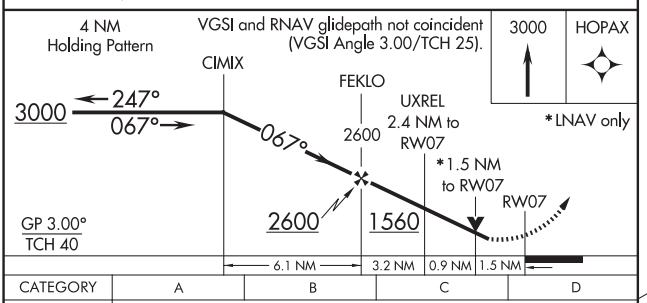
WAAS	APP CRS	Rwy Idg	4700
CH 81916	067°	TDZE	765
W07A		Apt Elev	766

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.
Rwy 7 helicopter visibility reduction below ¾ SM NA.

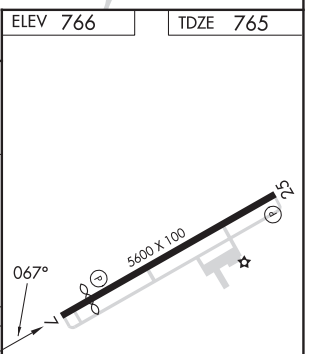
MISSED APPROACH: Climb to 3000 direct HOPAX and hold.

AWOS-3	HUNTINGTON APP CON	CLNC DEL	UNICOM
128.325	120.95 270.1	120.95	123.075 (CTAF) L





CATEGORY	A	B	C	D
LPV DA	1184-1½ 419 (500-1½)			
LNAV/VNAV DA	1202-1½ 437 (500-1½)			
LNAV MDA	1280-1 515 (600-1)		1280-1⅜ 515 (600-1⅜)	
C CIRCLING	1380-1 614 (700-1)		1420-1¾ 654 (700-1¾)	1480-2¼ 714 (800-2¼)



MIRL Rwy 7-25 L
REIL Rwys 7 and 25 L

ATHENS/ALBANY, OHIO
Amdt 2 09NOV17

39°13'N-82°14'W

OHIO UNIVERSITY (UNI)
RNAV (GPS) RWY 7

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

RNAV (GPS) RWY 25

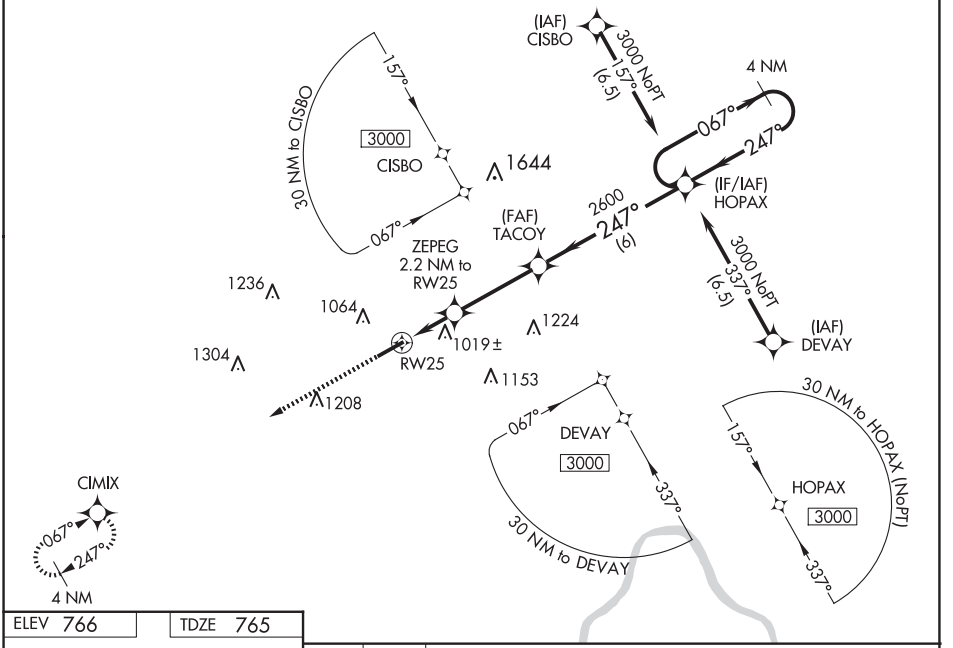
OHIO UNIVERSITY (UNI)

WAAS CH 90316 W25A	APP CRS 247°	Rwy Idg 5600 TDZE 765 Apt Elev 766

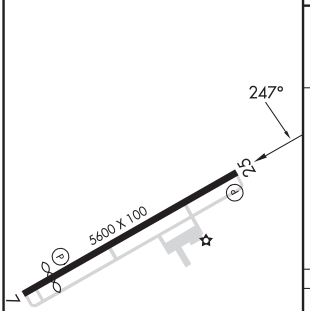
For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -16°C (4°F) or above 54°C (130°F). DME/DME RNP-0.3 NA.

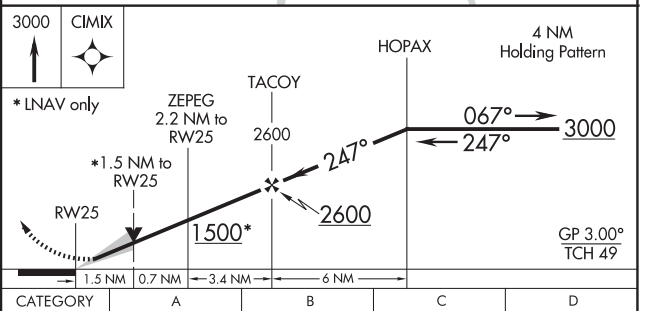
MISSED APPROACH: Climb to 3000 direct CIMIX and hold.

AWOS-3	HUNTINGTON APP CON	CLNC DEL	UNICOM
128.325	120.95 270.1	120.95	123.075 (CTAF) L



ELEV 766	TDZE 765





CATEGORY	A	B	C	D
LPV DA	965-¾ 200 (200-¾)			
LNAV/VNAV DA	1356-2 591 (600-2)			
LNAV MDA	1280-1 515 (600-1)		1280-1⅜ 515 (600-1⅜)	
C CIRCLING	1380-1 614 (700-1)		1420-1¾ 654 (700-1¾)	1480-2¼ 714 (800-2¼)

MIRL Rwy 7-25 L
REIL Rwys 7 and 25 L

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

ATHENS/ALBANY, OHIO AL-5861 (FAA) 25051

NDB UGS	APP CRS	Rwy Idg	5600
250	247°	TDZE	765
		Apt Elev	766

NDB RWY 25
OHIO UNIVERSITY (UNI)

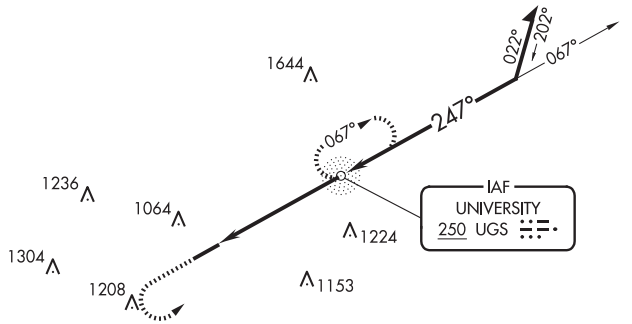
RADAR required for procedure entry.

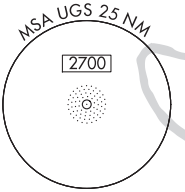
When local altimeter setting not received, use PKB altimeter setting: increase all MDAs 100 feet; increase S-25 visibility Cat B/C/D ½ SM, and Circling visibility Cat B/C/D ½ SM.

NA

MISSED APPROACH: Climb to 3000 then left turn direct UGS NDB and hold.

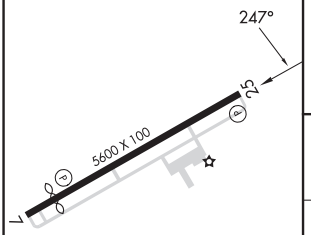
AWOS-3	HUNTINGTON APP CON	CLNC DEL	UNICOM
128.325	120.95 270.1	120.95	123.075 (CTAF) L





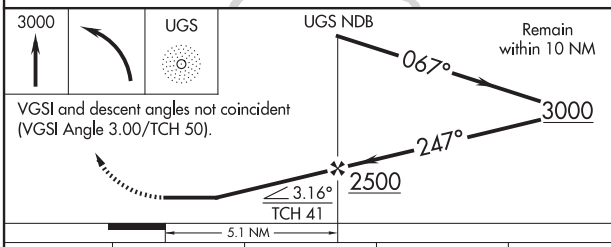
1685

ELEV 766 TDZE 765



MIRL Rwy 7-25 L
REIL Rwys 7 and 25 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
S-25	1460-1	695 (700-1)	1460-2	695 (700-2)
CIRCLING	1460-1	694 (700-1)	1460-2 694 (700-2)	1520-2½ 754 (800-2½)

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

ILS or LOC RWY 27

DE KALB COUNTY (GWB)

LOC/DME I-GWB	APP CRS	Rwy Idg	6356
108.75	274°	TDZE	881
Chan 24 (Y)		Apt Elev	881

NA

MALSR

MISSED APPROACH: Climb to 2000 then climbing right turn to 2600 direct SHENK LOM/INT/ I-GWB 6 DME and hold.

AWOS-3P	FORT WAYNE APP CON	CLNC DEL	UNICOM
124.15	127.2 284.6	126.6	123.0 (CTAF) L

ALTERNATE MISSED APCH FIX
117.8 FWA
Chan 125
R-022
022°
202°
TAZCE FWA 26

TAZCE FWA 26

LOM SHENK 227 GW
I-GWB 6

1370
1080
925
1019
094°
2600
274°
(6)
094°
1 min
274°
094°
5000
2600
HOLD
(IF/IAF) CECGA INT I-GWB 12

1144

LOCALIZER 108.75
I-GWB
Chan 24(Y)

R-047
R-035

1648

2600
047°
(26.1)

MSA GW 25 NM
2700

Procedure NA for arrival on FWA VORTAC airway radials 353 CW 097.

FORT WAYNE
117.8 FWA
Chan 125

ELEV 881 D TDZE 881

274°
7106 X 100
27

2000 2600 GW

One Minute Holding Pattern

SHENK LOM/INT
I-GWB 6

CECGA INT
I-GWB 12

I-GWB 1.2
I-GWB 2.5
2452
274°
094°
274°
2600
5000
2600
GS 3.00°
TCH 47

1.2 NM 3.6 NM 6 NM

CATEGORY	A	B	C	D
S-ILS 27	1081-½ 200 (200-½)			
S-LOC 27	1320-½ 439 (500-½)		1320-¾ 439 (500-¾)	
C CIRCLING	1320-1 439 (500-1)	1560-1 679 (700-1)	1720-2½ 839 (900-2½)	1720-2¾ 839 (900-2¾)

REIL Rwys 9 and 27 L
MIRL Rwy 9-27 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

EC-2, 12 JUN 2025 to 07 AUG 2025

EC-2, 12 JUN 2025 to 07 AUG 2025

AUBURN, INDIANA | AL-5266 (FAA) | 25051

WAAS	APP CRS	Rwy Idg	6406
CH 40201	094°	TDZE	880
W09A		Apt Elev	881

RNAV (GPS) RWY 9

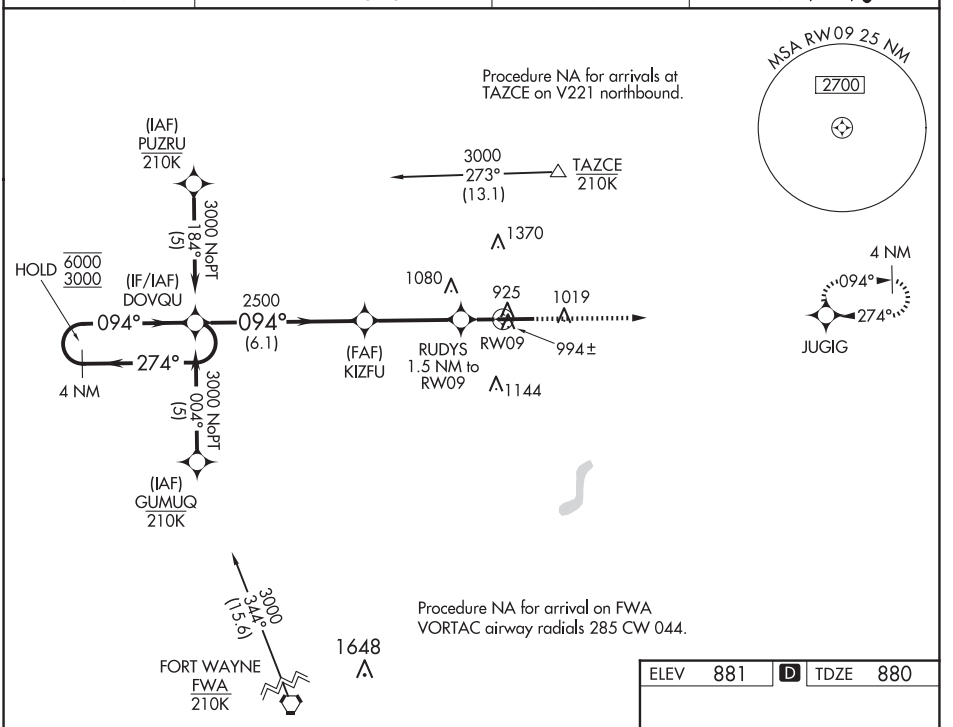
DE KALB COUNTY (GWB)

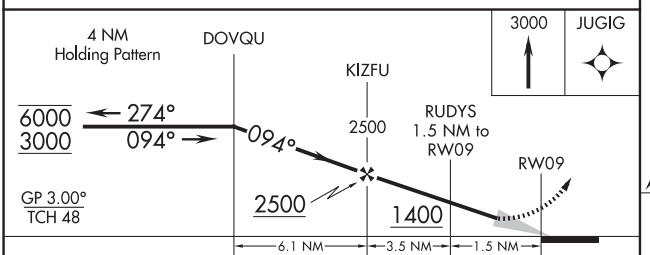
RNP APCH - GPS.

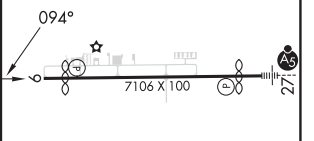
For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -16°C or above 54°C.

MISSED APPROACH: Climb to 3000 direct JUGIG and hold.

AWOS-3P	FORT WAYNE APP CON	CLNC DEL	UNICOM
124.15	127.2 284.6	126.6	123.0 (CTAF) L







ELEV 881 | D | TDZE 880

CATEGORY	A	B	C	D
LPV DA		1130-¾	250 (300-¾)	
LNAV/VNAV DA		1155-⅞	275 (300-⅞)	
LNAV MDA		1260-1	380 (400-1)	
C CIRCLING	1320-1 439 (500-1)	1560-1 679 (700-1)	1720-2½ 839 (900-2½)	1720-2¾ 839 (900-2¾)

REIL Rwys 9 and 27 L
MIRL Rwy 9-27 L

AUBURN, INDIANA
Amdt 1 31OCT24

41°18′N-85°04′W

DE KALB COUNTY (GWB)

RNAV (GPS) RWY 9

EC-2, 12 JUN 2025 to 07 AUG 2025

EC-2, 12 JUN 2025 to 07 AUG 2025

RNAV (GPS) RWY 27

DE KALB COUNTY (GWB)

WAAS	APP CRS	Rwy Idg	6356
CH 86401	274°	TDZE	881
W27A		Apt Elev	881

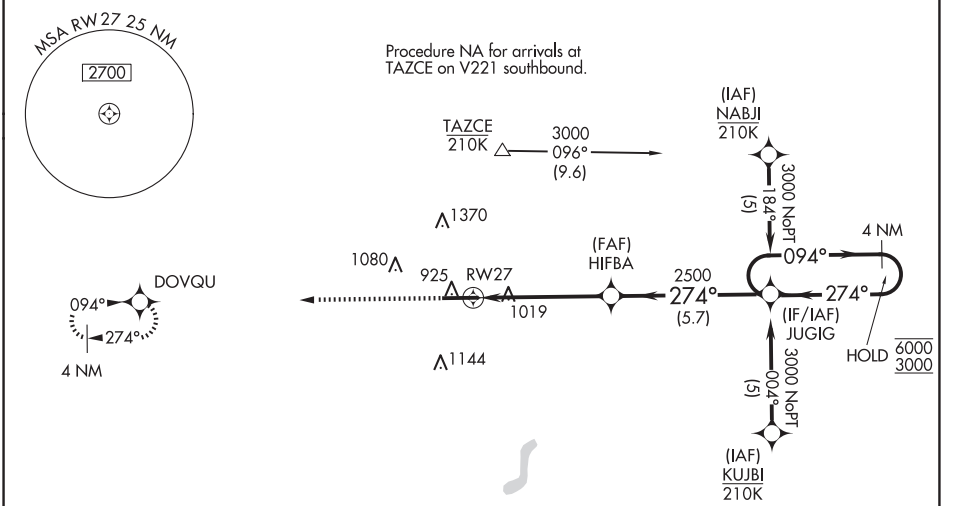
RNP APCH - GPS.

For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -16°C or above 54°C.

MALSR

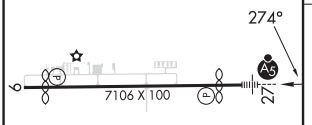
MISSED APPROACH: Climb to 3000 direct DOVQU and hold.

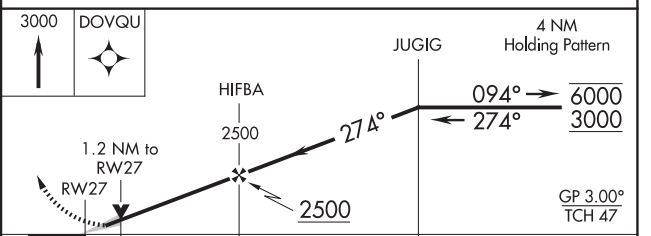
AWOS-3P	FORT WAYNE APP CON	CLNC DEL	UNICOM
124.15	127.2 284.6	126.6	123.0 (CTAF) L



ELEV 881 D TDZE 881

1648





CATEGORY	A	B	C	D
LPV DA	1081-½ 200 (200-½)			
LNAV/VNAV DA	1314-¾ 433 (500-¾)			
LNAV MDA	1320-½ 439 (500-½)		1320-¾ 439 (500-¾)	
C CIRCLING	1320-1 439 (500-1)	1560-1 679 (700-1)	1720-2½ 839 (900-2½)	1720-2¾ 839 (900-2¾)

REIL Rwys 9 and 27 L
MIRL Rwy 9-27 L

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

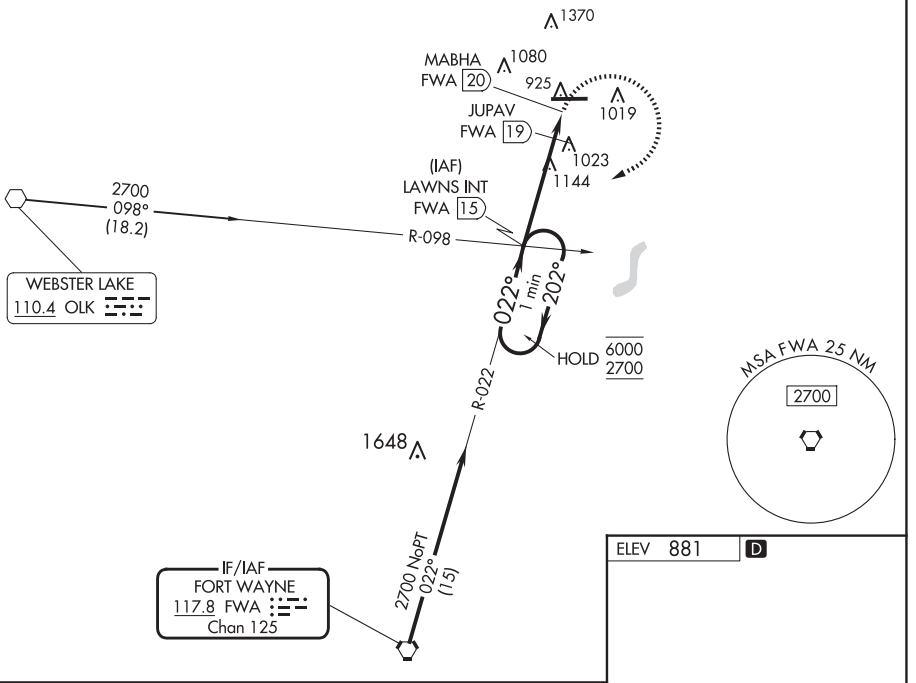
VORTAC FWA 117.8 Chan 125	APP CRS 022°	Rwy Idg N/A TDZE N/A Apt Elev 881

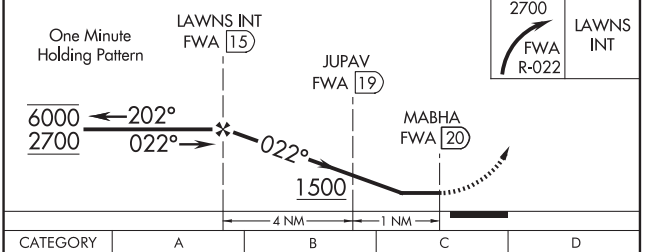
VOR-A

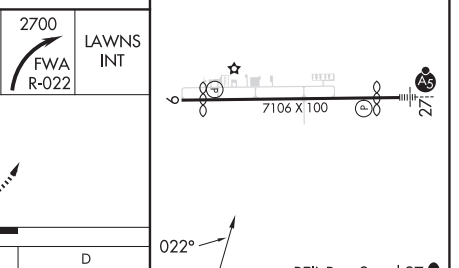
DE KALB COUNTY (GWB)

MISSED APPROACH: Climbing right turn to 2700 on FWA R-022 to LAWNS INT/FWA 15 DME and hold, continue climb-in-hold to 2700.

AWOS-3P	FORT WAYNE APP CON	CLNC DEL	UNICOM
124.15	127.2 284.6	126.6	123.0 (CTAF) L







ELEV 881 D

REIL Rwy 9 and 27 L
MIRL Rwy 9-27 L

CATEGORY	A	B	C	D
C CIRCLING	1500-1 619 (700-1)	1560-1 679 (700-1)	1720-2½ 839 (900-2½)	1720-2¾ 839 (900-2¾)
JUPAV FIX MINIMUMS				
C CIRCLING	1360-1 479 (500-1)	1560-1 679 (700-1)	1720-2½ 839 (900-2½)	1720-2¾ 839 (900-2¾)

FAF to MAP 5 NM

Knots	60	90	120	150	180
Min:Sec	5:00	3:20	2:30	2:00	1:40

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

WAAS	APP CRS	Rwy Idg	4003
CH 70427	274°	TDZE	1312
W27A		Apt Elev	1312

RNAV (GPS) RWY 27

BARNESVILLE/BRADFIELD (6G5)

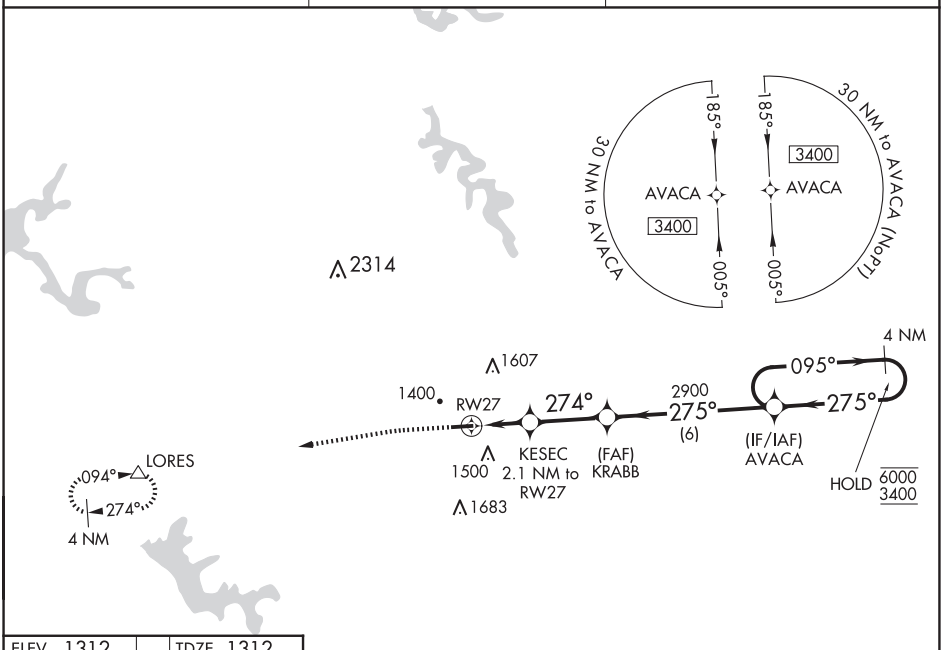
RNP APCH - GPS.

Visibility reduction by helicopters NA. Procedure NA at night. Use HLG altimeter setting; when not received use AFJ altimeter setting and increase all MDA 40 feet.

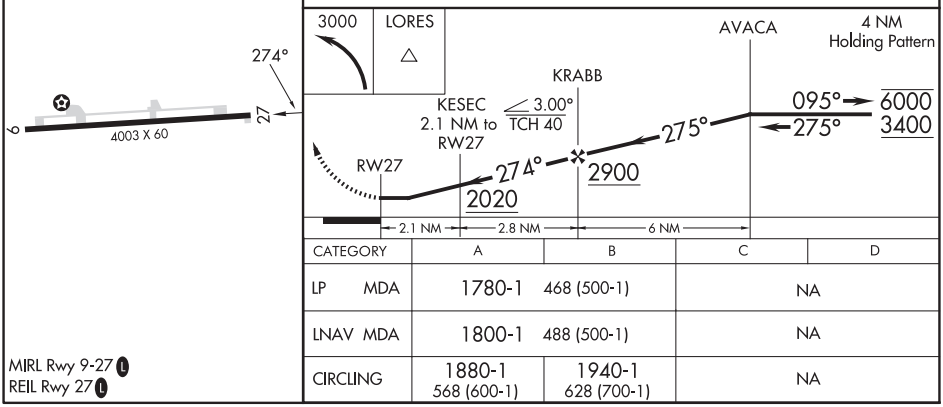
NA

MISSED APPROACH: Climbing left turn to 3000 direct LORES and hold.

HLG ASOS	CLEVELAND CENTER	UNICOM
127.375	126.95 239.3	123.0 (CTAF) L



ELEV 1312 TDZE 1312



CATEGORY	A	B	C	D
LP MDA	1780-1	468 (500-1)	NA	
LNAV MDA	1800-1	488 (500-1)	NA	
CIRCLING	1880-1 568 (600-1)	1940-1 628 (700-1)	NA	

MIRL Rwy 9-27 L
REIL Rwy 27 L

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

VOR/DME RWY 27

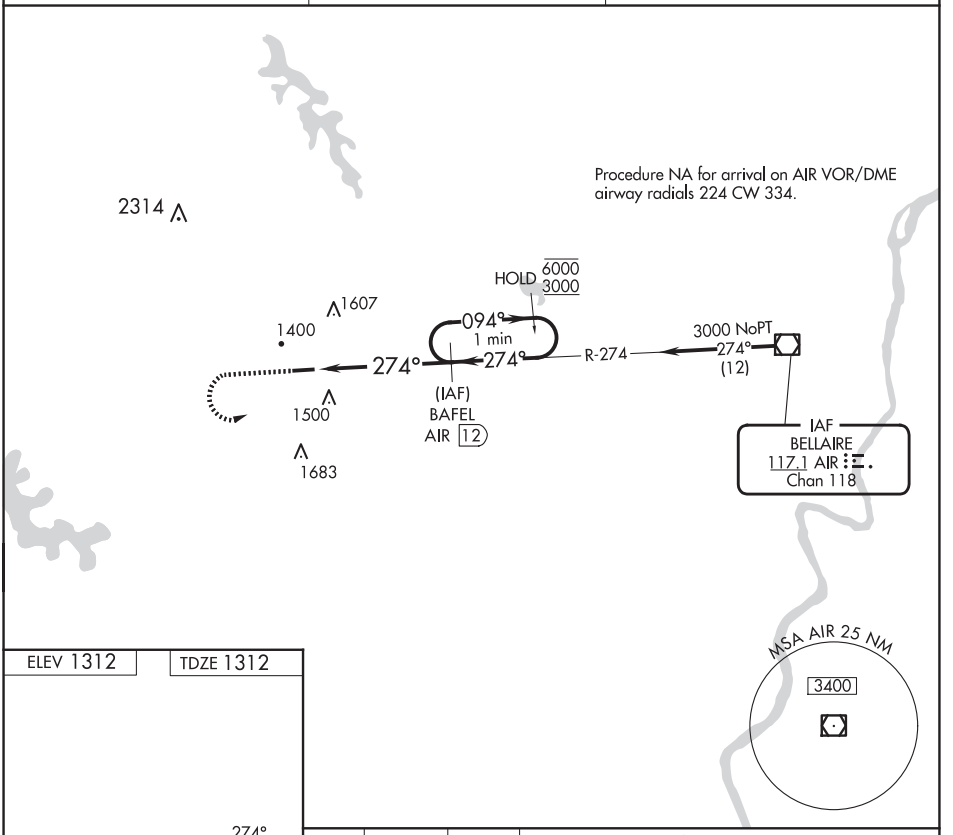
BARNESVILLE/BRADFIELD (6G5)

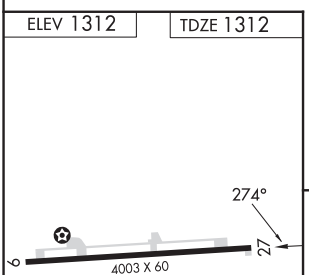
VOR/DME AIR	APP CRS	Rwy Idg	4003
117.1	274°	TDZE	1312
Chan 118		Apt Elev	1312

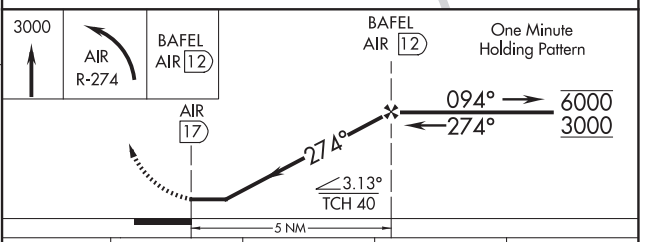
Rwy 27 helicopter visibility reduction below 1 SM NA.
NA Procedure NA at night. Use HLG altimeter setting, when not received, use AFJ altimeter setting and increase all MDAs 40 feet.

MISSED APPROACH: Climb to 3000, then left turn on AIR VOR/DME R-274 to BAFEL/AIR 12 DME and hold.

HLG ASOS	CLEVELAND CENTER	UNICOM
127.375	126.95 239.3	123.0 (CTAF) L







CATEGORY	A	B	C	D
S-27	1940-1	628 (700-1)	NA	
C CIRCLING	1940-1	628 (700-1)	NA	

MIRL Rwy 9-27 L
REIL Rwy 27 L

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

WAAS	APP CRS	Rwy Idg	3170
CH 58327	040°	TDZE	840
W04A		Apt Elev	843

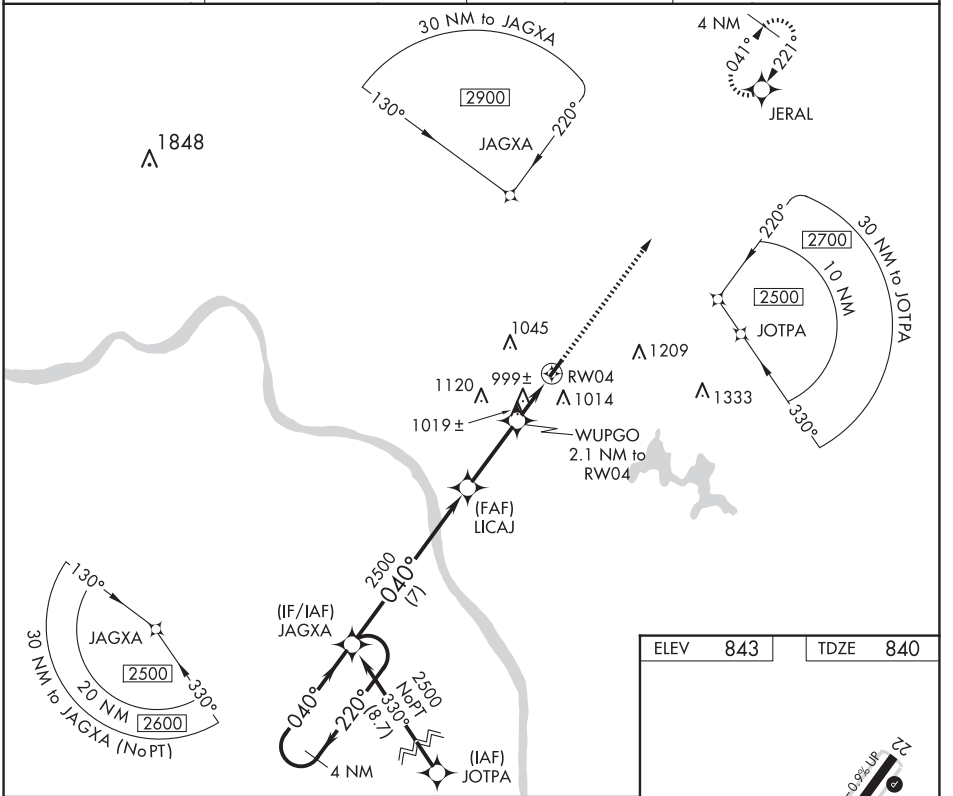
RNAV (GPS) RWY 4

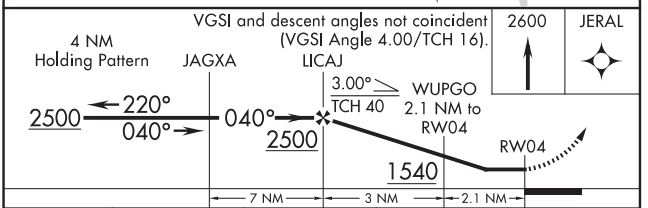
CLERMONT COUNTY (I69)

Circling NA at night. Rwy 4/22 helicopter visibility reduction below 1 SM NA. DME/DME RNP-0.3 NA. When local altimeter setting not received, use Cincinnati Muni/ Lunken Fld altimeter setting and increase all MDA 80 feet and all Cat C visibilities ¼SM.

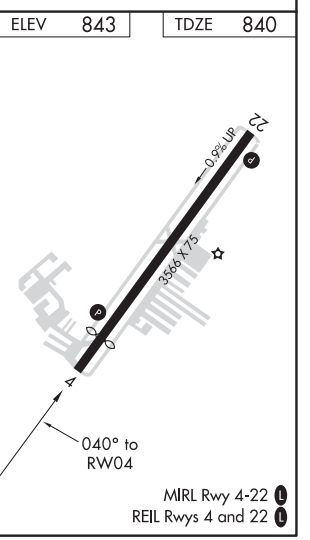
MISSED APPROACH: Climb to 2600 direct JERAL and hold.

AWOS-3	CINCINNATI APP CON	CLNC DEL	UNICOM
127.275	121.0 254.25	124.9	122.975 (CTAF) L





CATEGORY	A	B	C	D
LP MDA	1300-1 460 (500-1)		1300-1⅜ 460 (500-1⅜)	NA
LNAV MDA	1320-1 480 (500-1)		1320-1⅜ 480 (500-1⅜)	NA
C CIRCLING	1360-1 517 (600-1)		1520-2 677 (700-2)	NA



EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

BATAVIA, OHIO

AL-5955 (FAA)

25107

RNAV (GPS) RWY 22

CLERMONT COUNTY (I69)

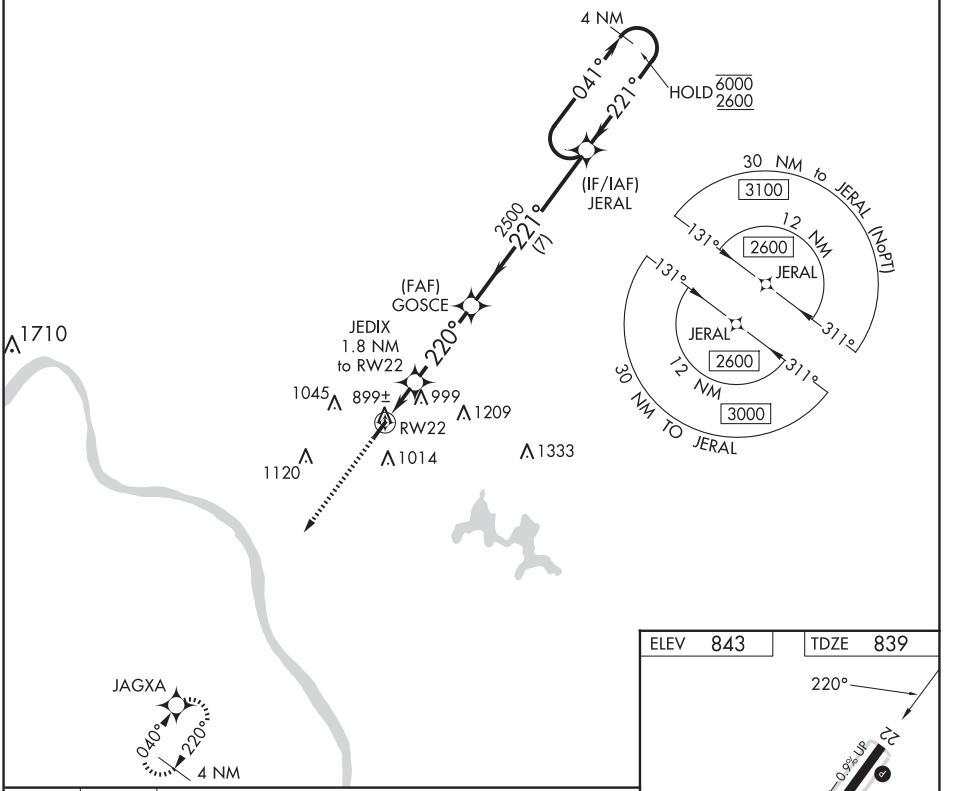
WAAS	APP CRS	Rwy Idg	3566
CH 82227	220°	TDZE	839
W22A		Apt Elev	843

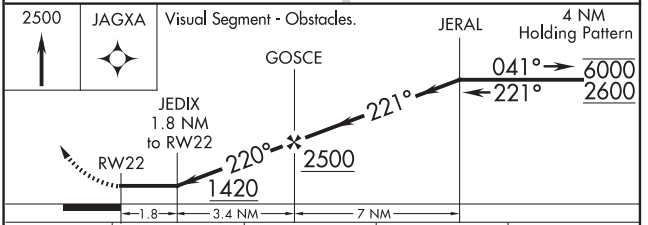
RNP APCH.

T A Circling Rwy 4 NA at night.
Rwy 22 helicopter visibility reduction below 1 SM NA.

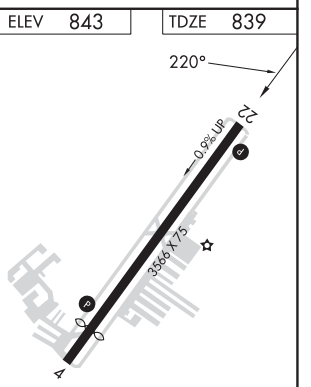
MISSED APPROACH: Climb to 2500 direct JAGXA and hold.

AWOS-3	CINCINNATI APP CON	CLNC DEL	UNICOM
127.275	121.0 254.25	124.9	122.975 (CTAF) L





CATEGORY	A	B	C	D
LP MDA	1160-1 321 (400-1)			NA
LNAV MDA	1240-1 401 (400-1)		1240-1⅛ 401 (400-1⅛)	NA
C CIRCLING	1320-1 477 (500-1)	1360-1 517 (600-1)	1520-2 677 (700-2)	NA



MIRL Rwy 4-22 L
REIL Rwys 4 and 22 L

BATAVIA, OHIO
Amdt 2 25FEB21

39°05'N-84°13'W

CLERMONT COUNTY (I69)

RNAV (GPS) RWY 22

EC-2, 12 JUN 2025 to 07 AUG 2025

EC-2, 12 JUN 2025 to 07 AUG 2025

RNAV (GPS) RWY 13

VIRGIL I GRISSOM MUNI (BFR)

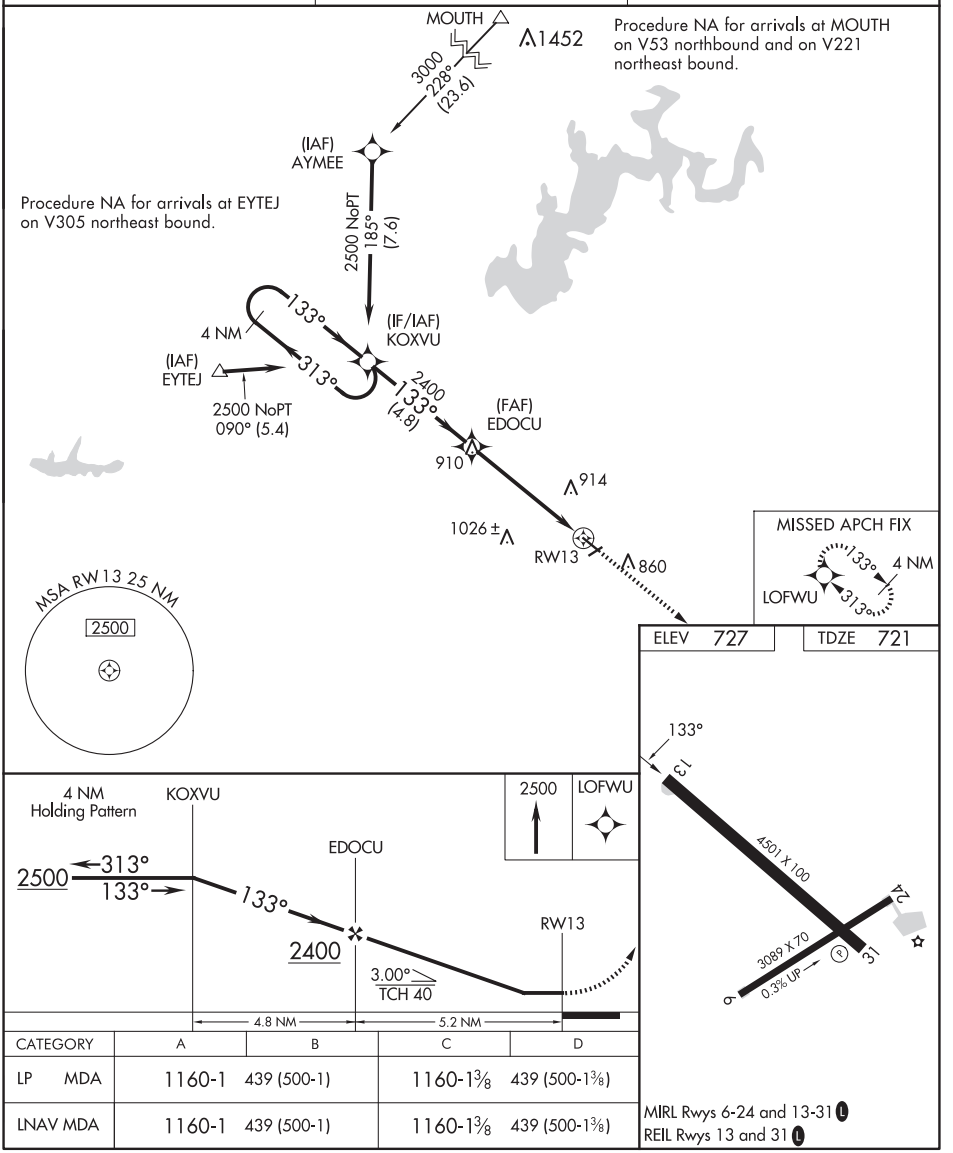
WAAS	APP CRS	Rwy Idg	4501
CH 81925	133°	TDZE	721
W13A		Apt Elev	727

RNP APCH.

Helicopter visibility reduction below 1 SM NA. When local altimeter setting not received, use Bloomington altimeter setting and increase all MDA 80 feet and increase LP and LNAV Cats C and D visibility ⅛ mile. Procedure NA at night.

MISSED APPROACH: Climb to 2500 direct LOFWU and hold.

AWOS-3PT	LOUISVILLE APP CON	UNICOM
119.125	132.075 327.0	122.8 (CTAF) L



CATEGORY	A	B	C	D
LP MDA	1160-1	439 (500-1)	1160-1⅜	439 (500-1⅜)
LNAV MDA	1160-1	439 (500-1)	1160-1⅜	439 (500-1⅜)

MIRL Rwys 6-24 and 13-31 L
REIL Rwys 13 and 31 L

EC-2, 12 JUN 2025 to 07 AUG 2025
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RNAV (GPS) RWY 31

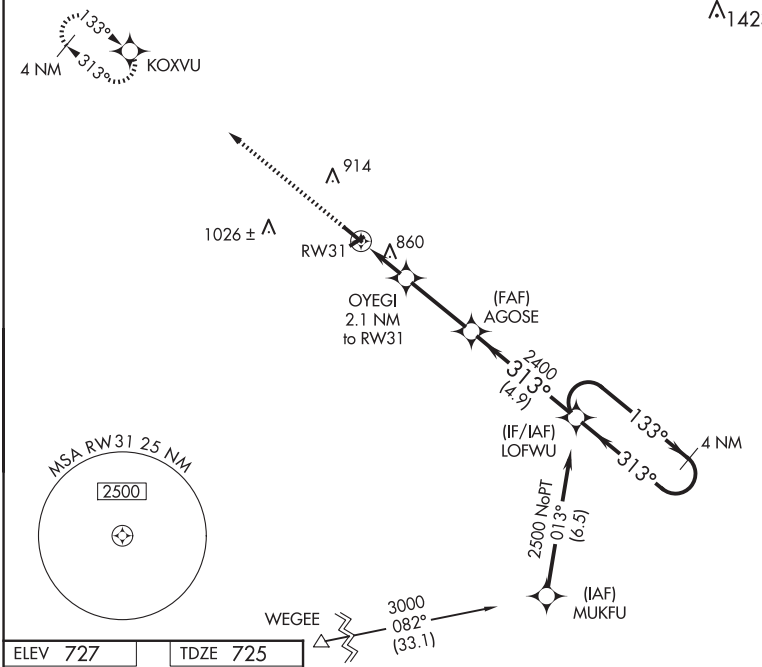
VIRGIL I GRISSOM MUNI (BFR)

WAAS	APP CRS	Rwy ldg	4501
CH 97525	313°	TDZE	725
W31A		Apt Elev	727

NA DME/DME RNP-0.3 NA. When local altimeter setting not received, use Bloomington altimeter setting and increase all MDA 80 feet; increase all Cat C/D visibilities ¼ mile. Procedure NA at night. Helicopter visibility reduction below 1 SM NA.

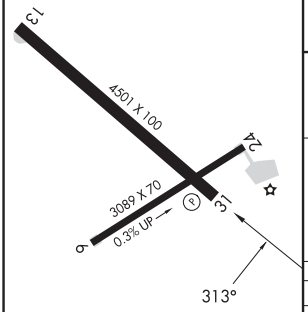
MISSED APPROACH: Climb to 2500 direct KOXVU and hold.

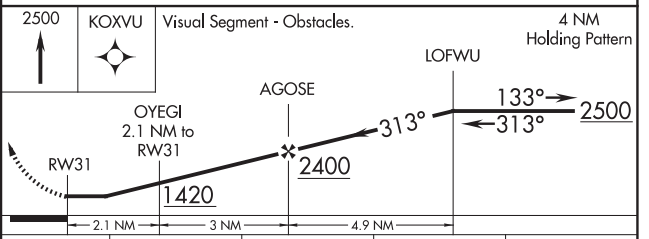
AWOS-3PT	LOUISVILLE APP CON	UNICOM
119.125	132.075 327.0	122.8 (CTAF) L



ELEV 727 TDZE 725

Procedure NA for arrivals at WEGEE on V305 southwest bound.





CATEGORY	A	B	C	D
LP MDA	1160-1 435 (500-1)		1160-1¼ 435 (500-1¼)	
LNAV MDA	1180-1 455 (500-1)		1180-1⅜ 455 (500-1⅜)	
C CIRCLING	1220-1 493 (500-1)	1260-1 533 (600-1)	1380-1¾ 653 (700-1¾)	1380-2 653 (700-2)

MIRL Rwys 6-24 and 13-31 L
REIL Rwys 13 and 31 L

38°50′N - 86°27′W

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

VOR RWY 13

VIRGIL I GRISSOM MUNI (BFR)

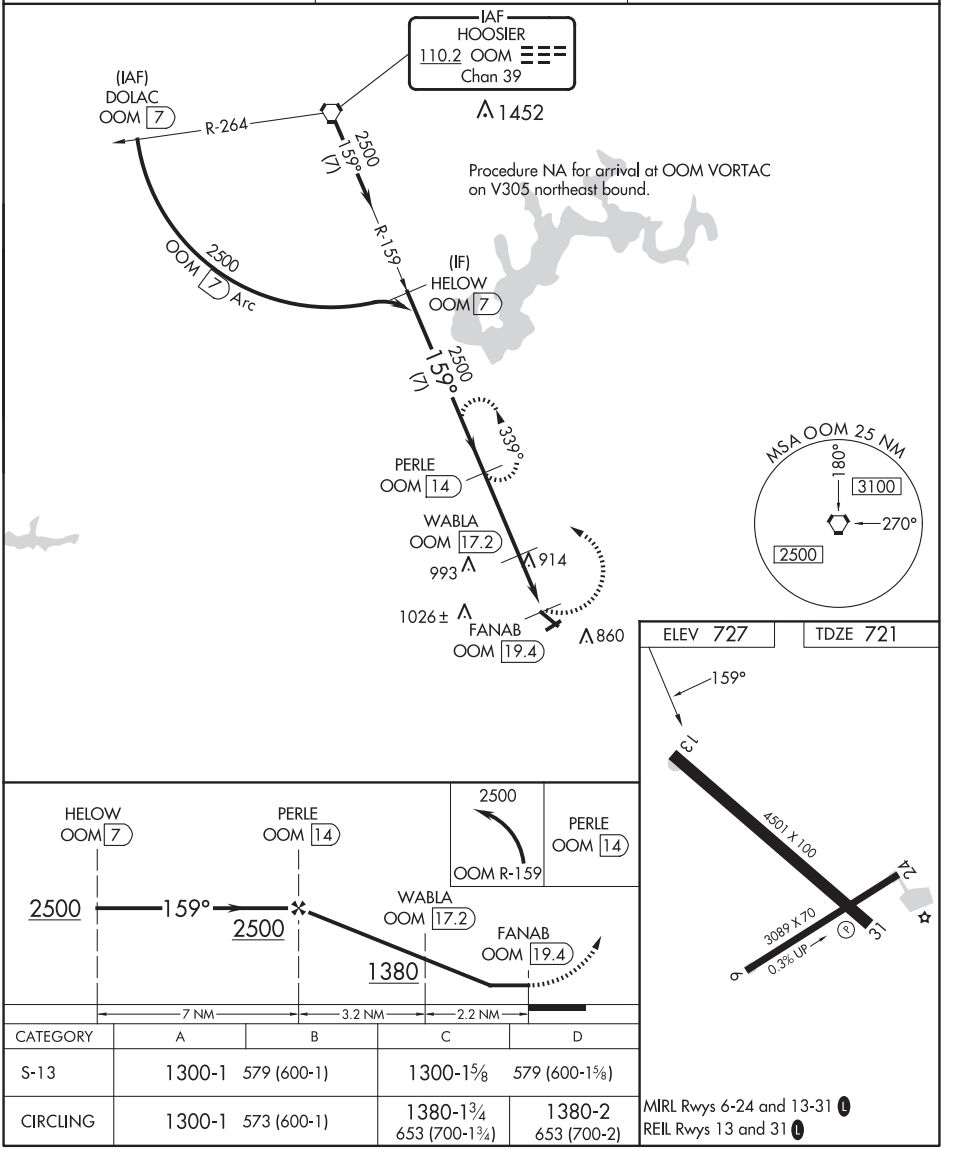
VORTAC OOM	APP CRS	Rwy Idg 4501
110.2	159°	TDZE 721
Chan 39		Apt Elev 727

DME required.

Procedure NA at night. Rwy 13 helicopter visibility reduction below 1 SM NA. When local altimeter setting not received, use Bloomington altimeter setting: increase all MDAs 80 feet and S-13 and Circling Cats C and D visibilities ¼ SM.

MISSED APPROACH: Climbing left turn to 2500 on OOM VORTAC R-159 to PERLE/14 DME and hold, continue climb-in-hold to 2500.

AWOS-3PT	LOUISVILLE APP CON	UNICOM
119.125	132.075 327.0	122.8 (CTAF) L



CATEGORY	A	B	C	D
S-13	1300-1 579 (600-1)		1300-1⅝ 579 (600-1⅝)	
CIRCLING	1300-1 573 (600-1)		1380-1¾ 653 (700-1¾)	1380-2 653 (700-2)

MIRL Rwys 6-24 and 13-31 L
REIL Rwys 13 and 31 L

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EC-2, 12 JUN 2025 to 07 AUG 2025

WAAS CH **42628** **W07A** | APP CRS **074°** | Rwy Idg **5000** TDZE **1112** Apt Elev **1122**

RNAV (GPS) RWY 7

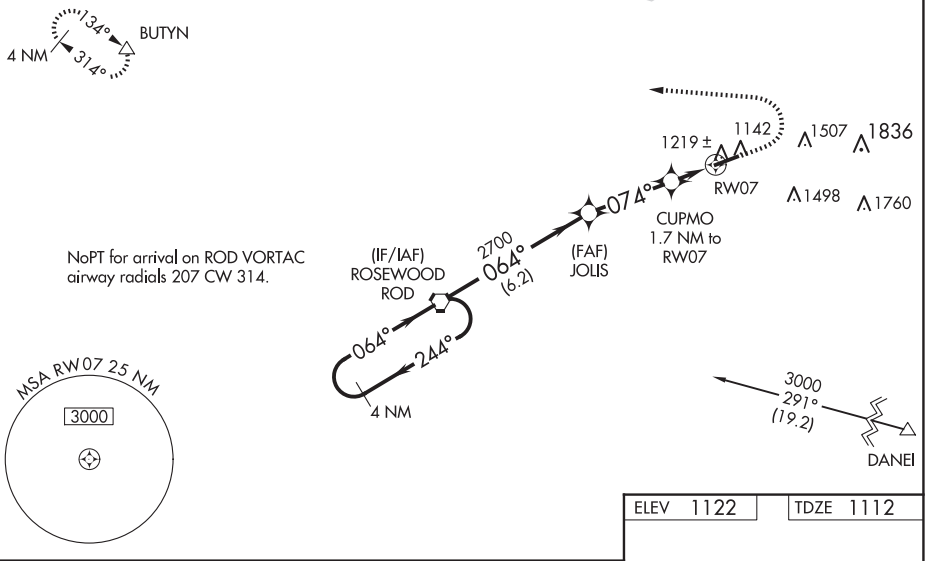
BELLEFONTAINE RGNL (EDJ)

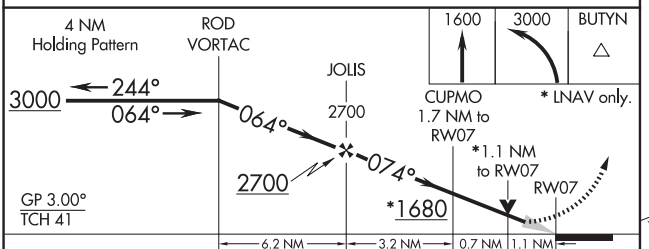
NA

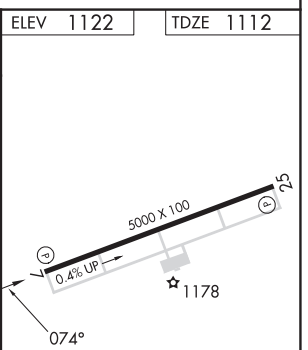
For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -17°C (2°F) or above 37°C (98°F). DME/DME RNP-0.3 NA. VDP and Baro-VNAV NA with James M. Cox Dayton Intl altimeter setting. When local altimeter setting not received, use James M. Cox Dayton Intl altimeter setting; increase LPV DA to 1456 feet, LNAV/VNAV DA to 1598 feet, and all MDAs 100 feet, and increase LPV and LNAV/VNAV all Cats visibility ¼ SM, LNAV Cats C and D visibility ⅜ SM, and Circling Cat C visibility ½ SM and Cat D visibility ¼ SM.

MISSED APPROACH: Climb to 1600 then climbing left turn to 3000 direct BUTYN and hold.

AWOS-3	COLUMBUS APP CON	UNICOM
118.075	**134.45 294.5**	**122.8** (CTAF) L







CATEGORY	A	B	C	D
LPV DA	1362-⅞ 250 (300-⅞)			
LNAV/VNAV DA	1504-1⅜ 392 (400-1⅜)			
LNAV MDA	1480-1 368 (400-1)			
CIRCLING	1620-1 498 (500-1)	1640-1 518 (600-1)	1860-2 738 (800-2)	1980-2¾ 858 (900-2¾)

MIRL Rwy 7-25 L
REIL Rwys 7 and 25 L

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EC-2, 12 JUN 2025 to 07 AUG 2025

RNAV (GPS) RWY 25

BELLEFONTAINE RGNL (EDJ)

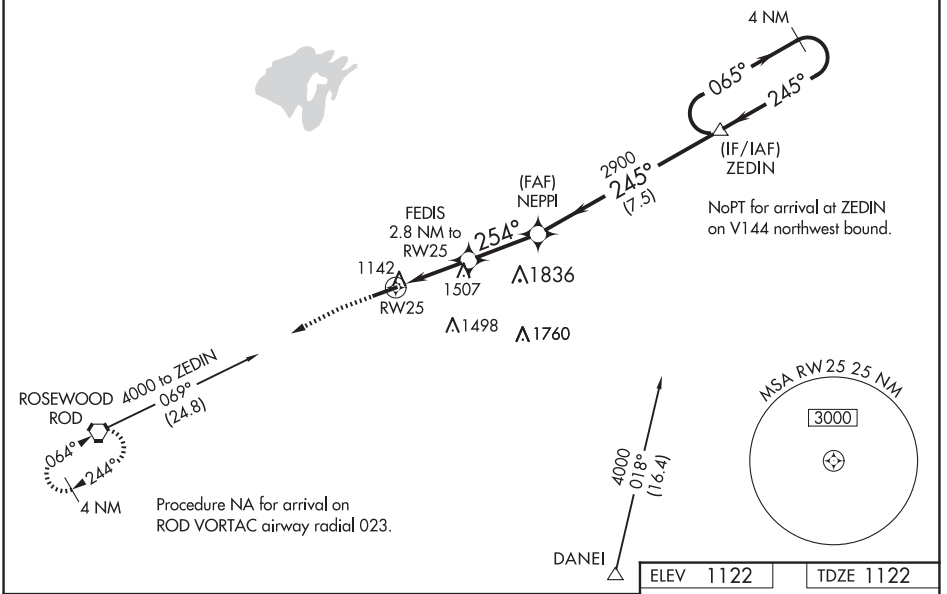
WAAS	APP CRS	Rwy Idg	5000
CH 93628	254°	TDZE	1122
W25A		Apt Elev	1122

RNP APCH - GPS

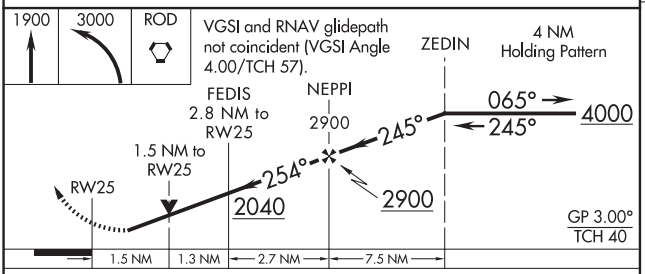
T NA For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -17°C or above 36°C. Rwy 25 helicopter visibility reduction below ¾ SM NA. When local altimeter setting not received, use James M Cox Dayton Intl altimeter setting and increase LPV DA to 1555 feet and all visibilities ⅛ SM; increase LNAV/VNAV DA to 1762 feet; increase all MDAs 100 feet and LNAV visibility Cat B ¼ SM, Cat C and D ½ SM, and Circling visibility Cat B ¼ SM, Cat C ½ SM, Cat D ¼ SM. Baro-VNAV and VDP NA when using James M Cox Dayton Intl altimeter setting.

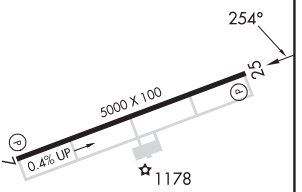
MISSED APPROACH: Climb to 1900 then climbing left turn to 3000 direct ROD VORTAC and hold.

AWOS-3	COLUMBUS APP CON	UNICOM
118.075	134.45 294.5	122.8 (CTAF) L



ELEV 1122	TDZE 1122





CATEGORY	A	B	C	D
LPV DA	1457-1⅛ 335 (400-1⅛)			
LNAV/VNAV DA	1664-1⅞ 542 (600-1⅞)			
LNAV MDA	1820-1 698 (700-1)		1820-2 698 (700-2)	
CIRCLING	1820-1 698 (700-1)		1860-2 738 (800-2)	1980-2¾ 858 (900-2¾)

MIRL Rwy 7-25 L
REIL Rwys 7 and 25 L

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EC-2, 12 JUN 2025 to 07 AUG 2025

BELLEFONTAINE, OHIO AL-10242 (FAA) 24193

VORTAC ROD	APP CRS	Rwy Idg	5000
117.5	249°	TDZE	1122
Chan 122		Apt Elev	1122

VOR RWY 25

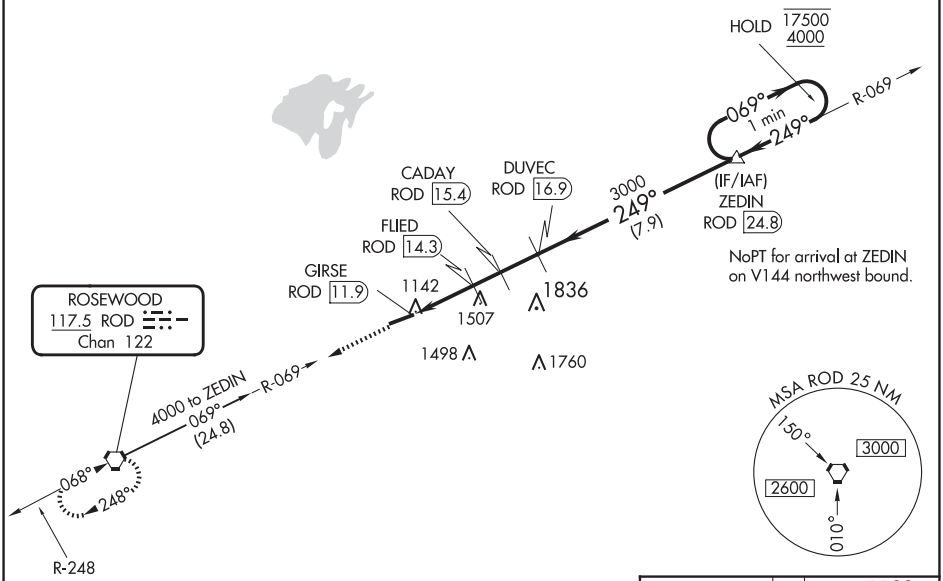
BELLEFONTAINE RGNL (EDJ)

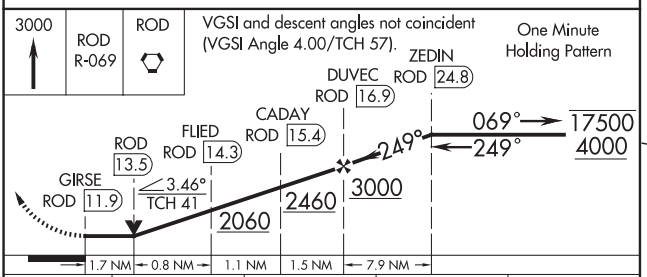
DME required.

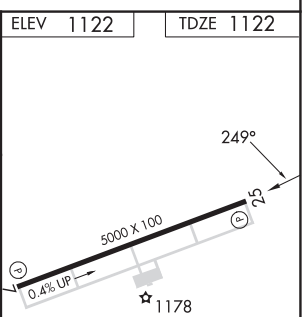
T A Rwy 25 helicopter visibility reduction below ¾ SM NA. When local altimeter setting not received, use James M Cox Dayton Intl altimeter setting and increase all MDAs 100 feet, and S-25 visibility Cats C and D ½ SM, and Circling visibility Cats A, C, and D ¼ SM. VDP NA when using James M Cox Dayton Intl altimeter setting.

MISSED APPROACH: Climb to 3000 on ROD R-069 to ROD VORTAC and hold.

AWOS-3	COLUMBUS APP CON	UNICOM
118.075	134.45 294.5	122.8 (CTAF) L







CATEGORY	A	B	C	D
S-25	1880-1 758 (800-1)	1880-1¼ 758 (800-1¼)	1880-2	758 (800-2)
CIRCLING	1880-1 758 (800-1)	1880-1¼ 758 (800-1¼)	1880-2¼ 758 (800-2¼)	2000-2¾ 878 (900-2¾)

MIRL Rwy 7-25 L
REIL Rwys 7 and 25 L

BELLEFONTAINE, OHIO
Amdt 1 11JUL24

40°22'N-83°49'W

BELLEFONTAINE RGNL (EDJ)
VOR RWY 25

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

VORTAC ROD	APP CRS	Rwy Idg	5000
117.5	068°	TDZE	1112
Chan 122		Apt Elev	1122

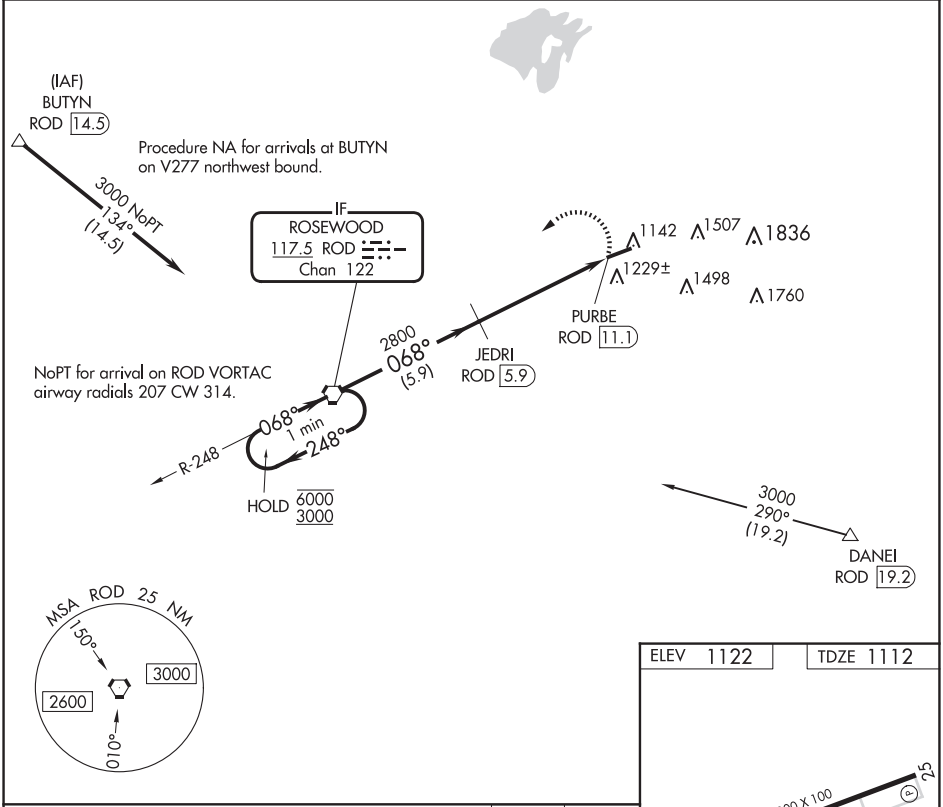
VOR RWY 7

BELLEFONTAINE RGNL (EDJ)

DME required.

MISSED APPROACH: Climbing left turn to 3000 direct ROD VORTAC and hold.

AWOS-3	COLUMBUS APP CON	UNICOM
118.075	134.45 294.5	122.8 (CTAF) L



CATEGORY	A	B	C	D
S-7	1480-1 368 (400-1)			1480-1¼ 368 (400-1¼)
CIRCLING	1540-1 418 (500-1)	1640-1 518 (600-1)	1860-2 738 (800-2)	1980-2¾ 858 (900-2¾)

MIRL Rwy 7-25 L
REIL Rwys 7 and 25 L

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

ILS or LOC/DME RWY 35

MONROE COUNTY (BMG)

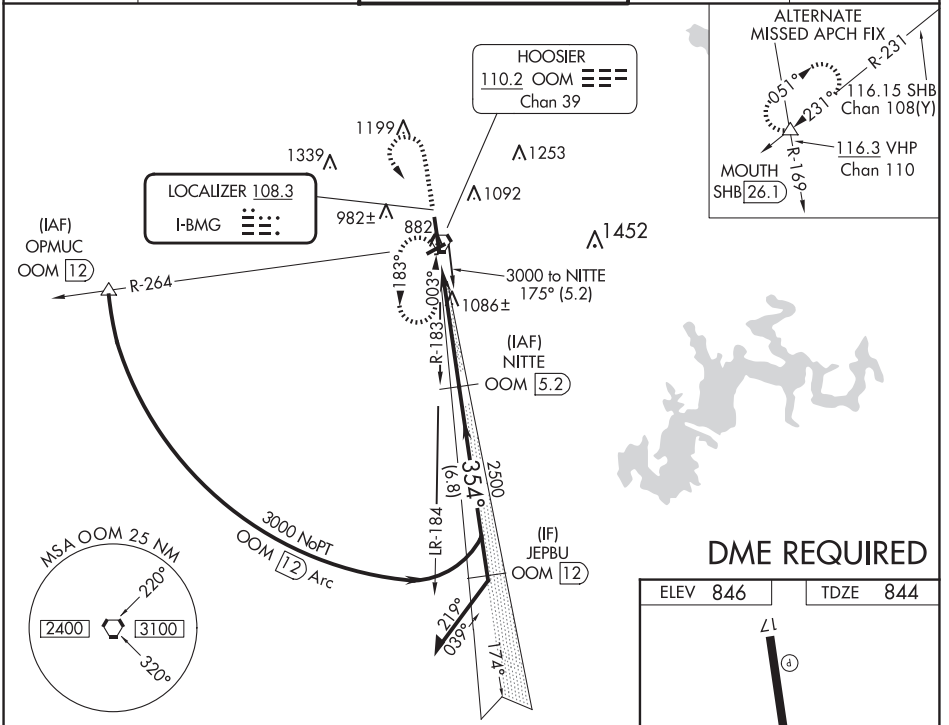
LOC I-BMG	APP CRS	Rwy Ldg	6500
108.3	354°	TDZE	844
		Apt Elev	846

Circling to Rwy 6/24 NA at night. When local altimeter setting not received, use Terre Haute Rgnl altimeter setting; increase S-ILS 35 DA to 1165 and all MDA 140 feet and increase S-ILS 35 all Cats visibility ¼ SM, S-LOC 35 Cat C and D and Circling Cat C and D visibility ½ SM. For inoperative MALSR when using Terre Haute Rgnl altimeter setting: increase S-ILS 35 all Cats visibility to 1¼ miles. DME from OOM VORTAC. Simultaneous reception of I-BMG and OOM DME required.

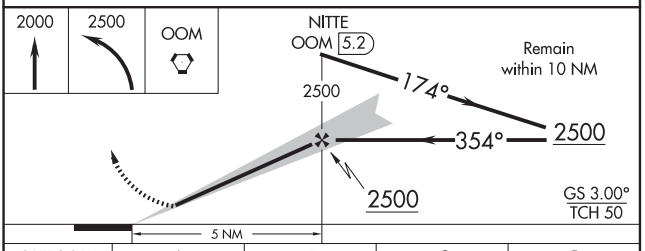
MALSR

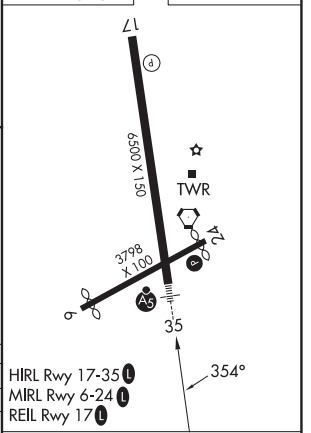
MISSED APPROACH: Climb to 2000 then climbing left turn to 2500 direct OOM VORTAC and hold.

ASOS	HULMAN APP CON	BLOOMINGTON TOWER★	GND CON	UNICOM
134.525	128.025 339.8	120.775 (CTAF) L	121.9	122.95



DME REQUIRED





CATEGORY	A	B	C	D
S-ILS 35	1044-½ 200 (200-½)			
S-LOC 35	1420-½ 576 (600-½)		1420-1 576 (600-1)	1420-1¼ 576 (600-1¼)
CIRCLING	1420-1 574 (600-1)		1420-1½ 574 (600-1½)	1620-2½ 774 (800-2½)

FAF to MAP 5 NM

Knots	60	90	120	150	180
Min:Sec	5:00	3:20	2:30	2:00	1:40

EC-2, 12 JUN 2025 to 07 AUG 2025
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RNAV (GPS) RWY 6

MONROE COUNTY (BMG)

APP CRS	Rwy Ldg	3494
064°	TDZE	840
	Apt Elev	846

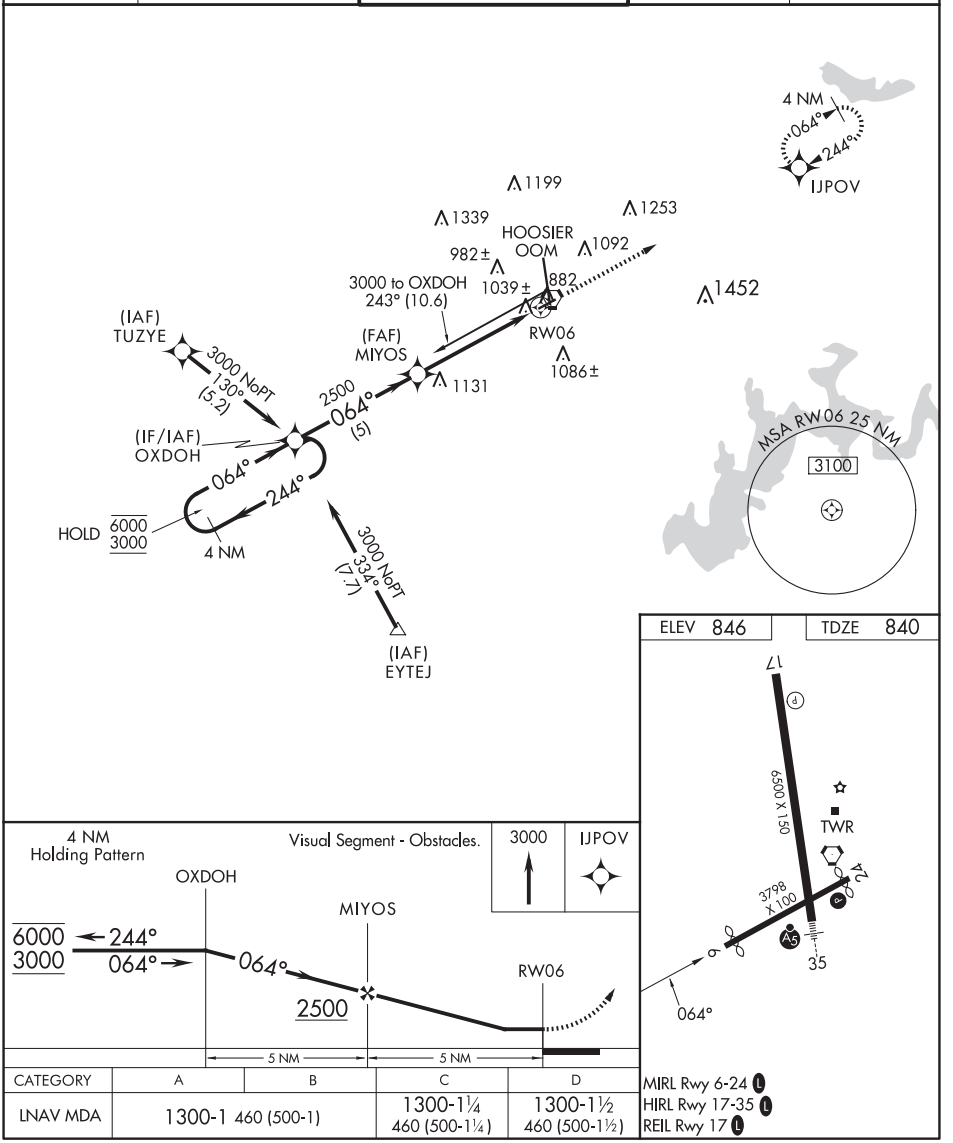
RNP APCH.

NA

Procedure NA at night.
Rwy 6 helicopter visibility reduction below 1 SM NA.

MISSED APPROACH: Climb to 3000 direct IJPOV and hold.

ASOS	HULMAN APP CON	BLOOMINGTON TOWER ★	GND CON	UNICOM
134.525	128.025 339.8	120.775 (CTAF) L	121.9	122.95



CATEGORY	A	B	C	D
LNAV MDA	1300-1 460 (500-1)		1300-1¼ 460 (500-1¼)	1300-1½ 460 (500-1½)

MIRL Rwy 6-24 L
HIRL Rwy 17-35 L
REIL Rwy 17 L

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

BLOOMINGTON, INDIANA AL-5168 (FAA) 25163

WAAS	APP CRS	Rwy Ldg	6500
CH 56412	174°	TDZE	845
W17A		Apt Elev	846

RNAV (GPS) RWY 17

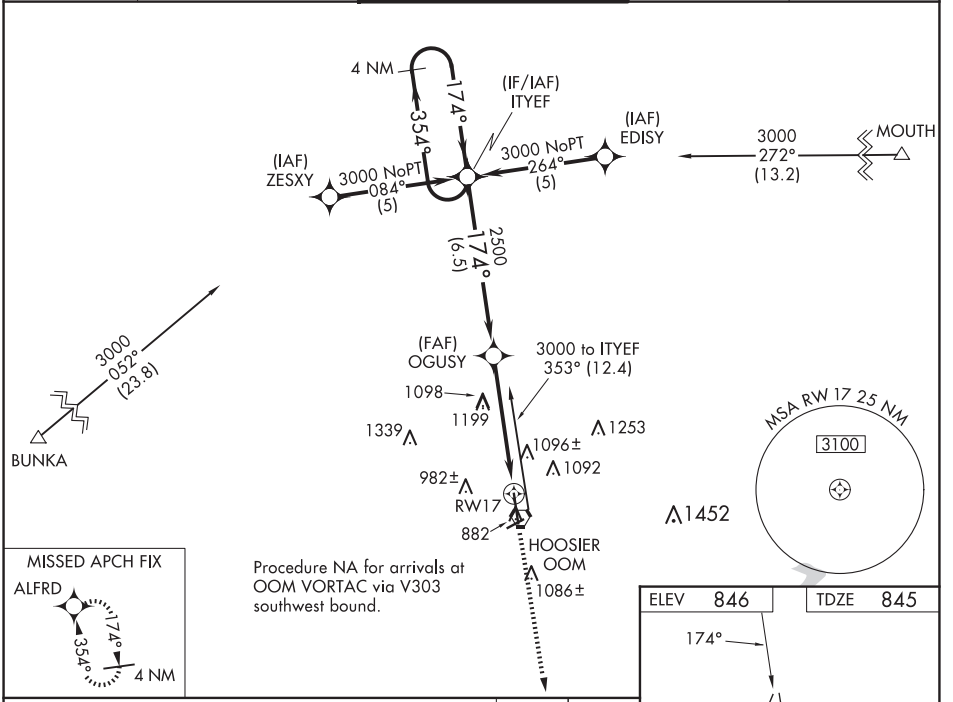
MONROE COUNTY (BMG)

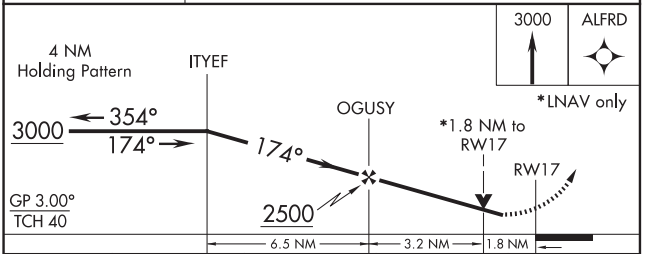
RNP APCH.

For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -16°C (4°F) or above 47°C (116°F). Rwy 17 helicopter visibility reduction below ¾ SM NA. When local altimeter setting not received, use Terre Haute Rgnl altimeter setting and increase all DA 121 feet and all MDA 140 feet. Increase LPV all Cats, LNAV/VNAV all Cats, LNAV Cat C/D visibility ½ mile.

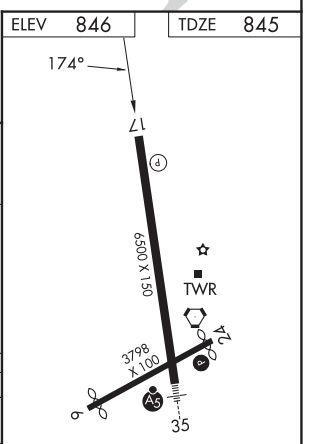
MISSED APPROACH: Climb to 3000 direct ALFRD and hold.

ASOS	HULMAN APP CON	BLOOMINGTON TOWER ★	GND CON	UNICOM
134.525	128.025 339.8	120.775 (CTAF) L	121.9	122.95





CATEGORY	A	B	C	D
LPV DA	1229-1¼ 384 (400-1¼)			
LNAV/VNAV DA	1404-2 559 (600-2)			
LNAV MDA	1460-1 614 (700-1)		1460-1¾ 614 (700-1¾)	1460-2 614 (700-2)



MIRL Rwy 6-24 L
HIRL Rwy 17-35 L
REIL Rwy 17 L

BLOOMINGTON, INDIANA
Amdt 1C 18JUL19

39°09'N-86°37'W

MONROE COUNTY (BMG)

RNAV (GPS) RWY 17

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

RNAV (GPS) RWY 24

MONROE COUNTY (BMG)

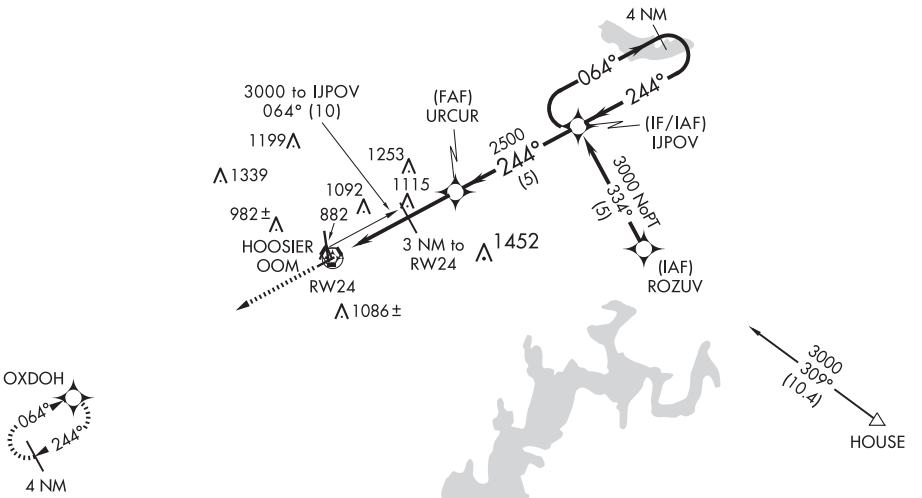
APP CRS	Rwy Ldg	3576
244°	TDZE	841
	Apt Elev	846

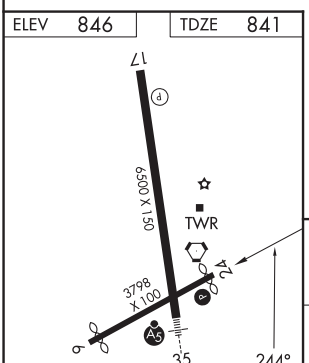
RNP APCH.

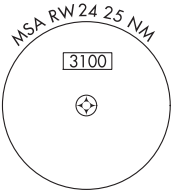
T A Rwy 24 helicopter visibility reduction below 1 SM NA. Procedure NA at night. When local altimeter setting not received use Terre Haute Rgnl altimeter setting and increase all MDA 140 feet; increase LNAV Cat C/D ¼ mile.

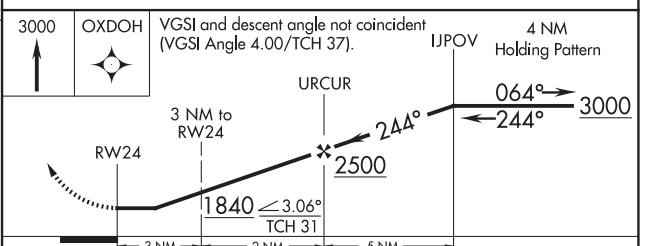
MISSED APPROACH: Climb to 3000 direct OXDOH WP and hold.

ASOS	HULMAN APP CON	BLOOMINGTON TOWER ★	GND CON	UNICOM
134.525	128.025 339.8	120.775 (CTAF) L	121.9	122.95









CATEGORY	A	B	C	D
LNAV MDA	1320-1	479 (500-1)	1320-1¼ 479 (500-1¼)	1320-1½ 479 (500-1½)

MIRL Rwy 6-24 L
HIRL Rwy 17-35 L
REIL Rwy 17 L

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

BLOOMINGTON, INDIANA | AL-5168 (FAA) | 25163

RNAV (GPS) RWY 35

MONROE COUNTY (BMG)

WAAS	APP CRS		
CH 72812 W35A	354°	Rwy Ldg	6500
		TDZE	844
		Apt Elev	846

For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -16°C (4°F) or above 47°C (116°F). DME/DME RNP-0.3 NA. When local altimeter setting not received, use Terre Haute Rgnl altimeter setting; increase LPV DA to 1165, LNAV/VNAV DA to 1465 and all MDA 140 feet and increase LPV all Cats, LNAV Cat C, D visibility ¼ SM, LNAV/VNAV all Cats and Circling C and D visibility ½ SM. For inoperative MALSR when using Terre Haute Rgnl altimeter setting: increase LPV all Cats visibility ½ mile. Baro-VNAV and VDP NA when using Terre Haute Rgnl altimeter setting. Circling to Rwy 6/24 NA at night.

MALSR

MISSED APPROACH: Climb to 3000 direct ITYEF and hold.

ASOS	HULMAN APP CON	BLOOMINGTON TOWER ★	GND CON	UNICOM
134.525	128.025 339.8	120.775 (CTAF) L	121.9	122.95

MISSED APCH FIX

4 NM 174° 354° ITYEF

Procedure NA for arrivals at OOM VORTAC via V305 northeast bound.

1199 1339 1253 982± 1092 882 HOOSIER OOM 1452

RW35 1047± 1086± 3000 to ALFRD 174° (11.7)

(FAF) NITTE 354° 2500 (6.5)

MSA RW35 25 NM 3100

CHARLES DEAM WILDERNESS AREA

BUNKA 3000 113° (23.5)

3100 251° (14) HOUSE

Procedure NA for arrivals at BUNKA via V243 northbound.

3000 NoPT 084° (5) (IAF) BEWHY

3000 NoPT 264° (5) (IAF) FODCU

(IF/IAF) ALFRD 354° 174° 4 NM

ELEV 846 | TDZE 844

17 6500 X 150 TWR 3798 X 100 35 354°

MIRL Rwy 6-24 L
HIRL Rwy 17-35 L
REIL Rwy 17 L

3000 ITYEF *LNAV only *1.3 NM to RW35 RW35 NITTE 354° ALFRD 4 NM Holding Pattern 174° 354° 3000 2500 GP 3.00° TCH 50

1.3 NM 3.7 NM 6.5 NM

CATEGORY	A	B	C	D
LPV DA	1044-½ 200 (200-½)			
LNAV/VNAV DA	1344-1¼ 500 (500-1¼)			
LNAV MDA	1300-½ 456 (500-½)		1300-¾ 456 (500-¾)	1300-1 456 (500-1)
CIRCLING	1380-1 534 (600-1)	1400-1 554 (600-1)	1400-1½ 554 (600-1½)	1620-2½ 774 (800-2½)

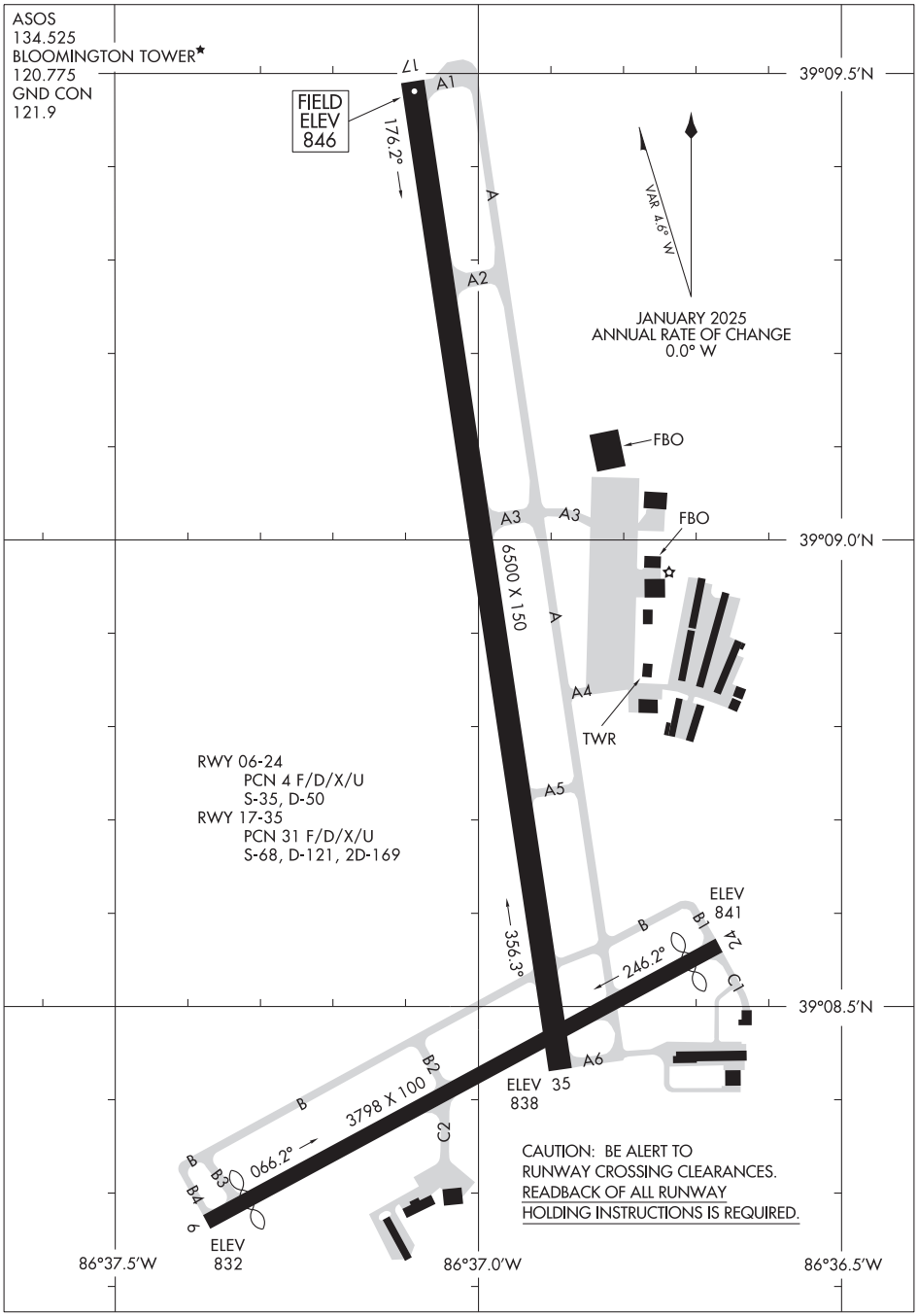
BLOOMINGTON, INDIANA
Amdt 1B 04NOV21

39°09′N-86°37′W

MONROE COUNTY (BMG)

RNAV (GPS) RWY 35

EC-2, 12 JUN 2025 to 07 AUG 2025



EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

BLUFFTON, OHIO AL-5665 (FAA) 25163

APP CRS	Rwy Ldg	4126
237°	TDZE	850
	Apt Elev	851

RNAV (GPS) RWY 23

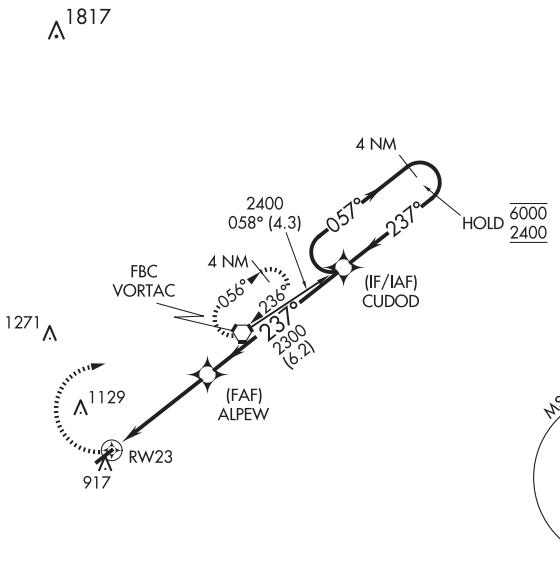
BLUFFTON (5G7)

RNP APCH.

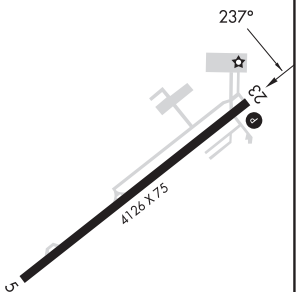
T
A NA Use Findlay altimeter setting; when not received use Lima altimeter setting and increase all MDA 20 feet and Circling Cat D visibility ¼ SM.

MISSED APPROACH: Climbing right turn to 2500 direct FBC VORTAC and hold.

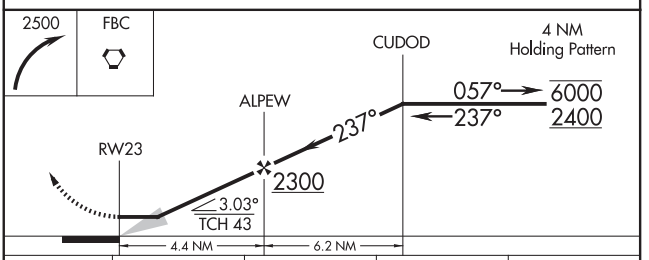
FDY ASOS	TOLEDO APP CON	UNICOM
132.85	120.8 317.55	122.8 (CTAF) L



ELEV 851 TDZE 850



REIL Rwys 5 and 23 L
MIRL Rwy 5-23 L



CATEGORY	A	B	C	D
LNAV MDA	1340-1	490 (500-1)	1340-1⅜ 490 (500-1⅜)	1340-1½ 490 (500-1½)
C CIRCLING	1360-1 509 (600-1)	1520-1 669 (700-1)	1520-1¾ 669 (700-1¾)	1520-2 669 (700-2)

BLUFFTON, OHIO
Orig-B 26MAR20

40°53'N-83°52'W

BLUFFTON (5G7)

RNAV (GPS) RWY 23

EC-2, 12 JUN 2025 to 07 AUG 2025

EC-2, 12 JUN 2025 to 07 AUG 2025

VORTAC FBC	APP CRS	Rwy Ldg 4126
108.2	233°	TDZE 850
Chan 19		Apt Elev 851

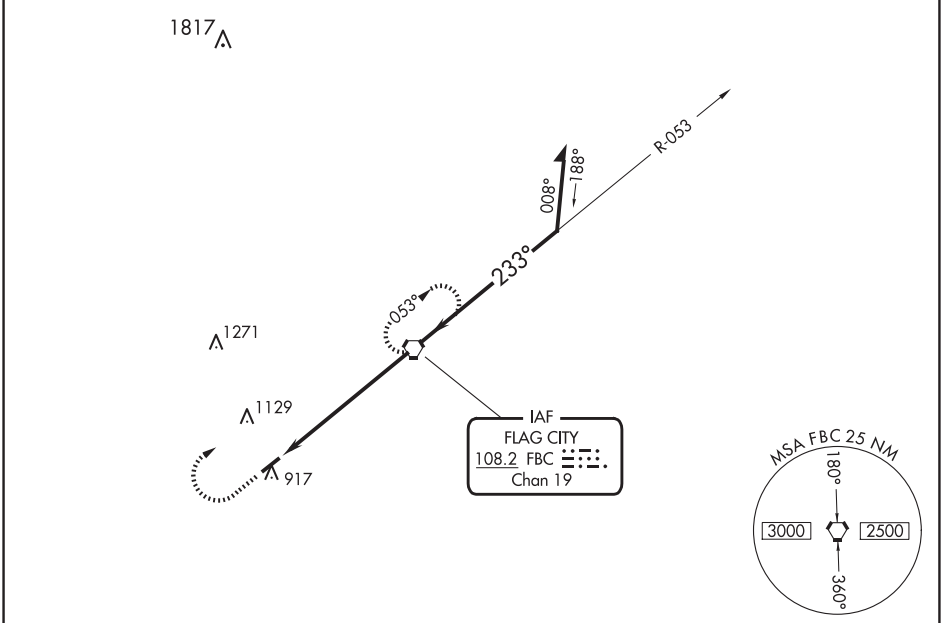
VOR RWY 23
BLUFFTON (5G7)

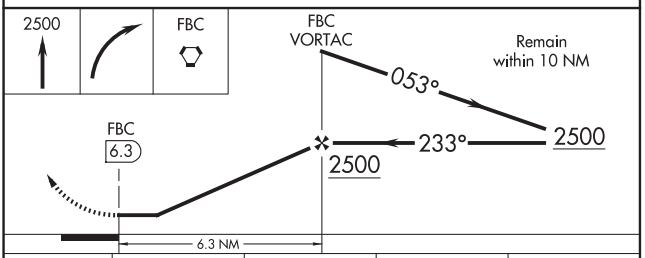
Use Findlay altimeter setting; when not received, use Lima altimeter setting and increase all MDA 20 feet, increase S-23 Cat C 1⅛ SM and Circling Cat C/D visibility ¼ SM.

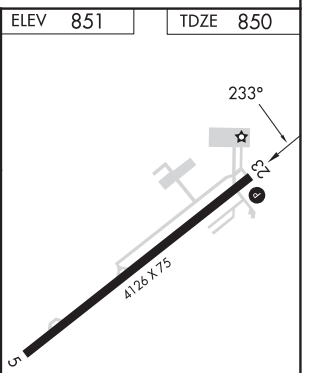
NA

MISSED APPROACH: Climb to 2500 then right turn direct FBC VORTAC and hold.

FDY ASOS	TOLEDO APP CON	UNICOM
132.85	120.8 317.55	122.8 (CTAF) L







REIL Rwys 5 and 23 L
MIRL Rwy 5-23 L

CATEGORY	A	B	C	D
S-23	1360-1 510 (600-1)		1360-1⅜ 510 (600-1⅜)	1360-1½ 510 (600-1½)
C CIRCLING	1360-1 509 (600-1)	1520-1 669 (700-1)	1520-1¾ 669 (700-1¾)	1520-2 669 (700-2)

FAF to MAP 6.3 NM

Knots	60	90	120	150	180
Min:Sec	6:18	4:12	3:09	2:31	2:06

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

BOWLING GREEN, OHIO | AL-5009 (FAA) | 22363

RNAV (GPS) RWY 10

WOOD COUNTY (1G∅)

WAAS	APP CRS	Rwy Idg	4199
CH 62803	096°	TDZE	673
W10A		Apt Elev	673

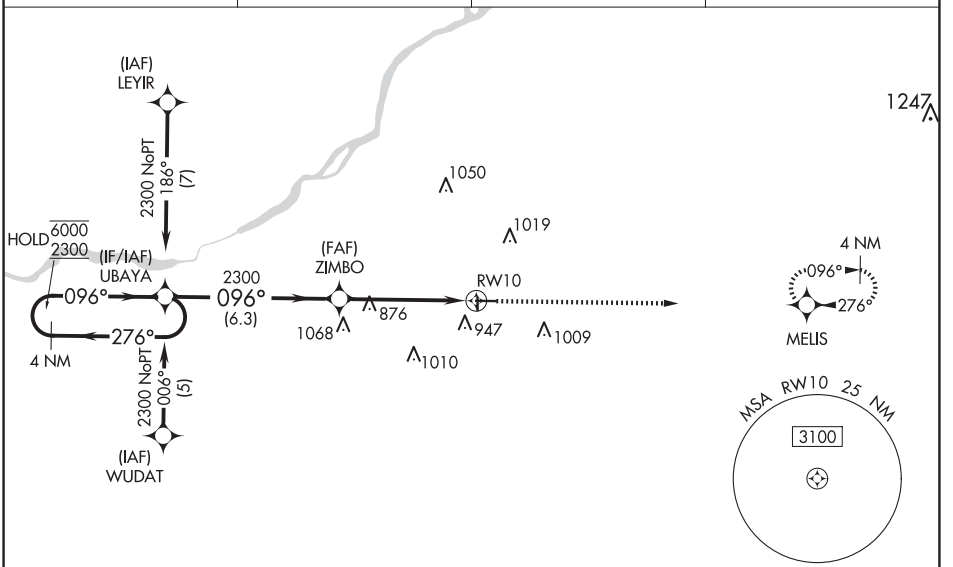
RNP APCH.

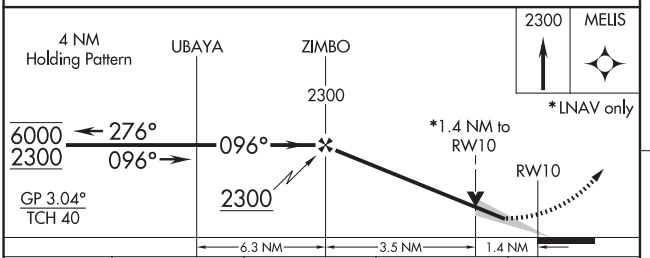
Circling Rwy 36 NA at night. VDP NA when using Toledo Express altimeter setting. When local altimeter setting not received, use Toledo Express altimeter setting: increase DA to 974 feet; increase all MDA 40 feet and LNAV Cat C visibility ¼ SM, Circling Cat C/D visibility ¼ SM.

NA

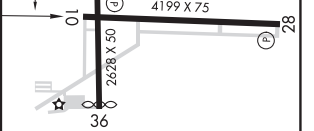
MISSED APPROACH: Climb to 2300 direct MELIS and hold.

AWOS-3	TOLEDO APP CON	CLNC DEL	UNICOM
120.725	126.1 317.55	125.6	122.975 (CTAF) L





ELEV 673 | TDZE 673



CATEGORY	A	B	C	D
LPV DA	939-1	266 (300-1)		
LNAV MDA	1160-1	487 (500-1)	1160-1⅜ 487 (500-1⅜)	1160-1½ 487 (500-1½)
CIRCLING	1300-1	627 (700-1)	1320-1¾ 647 (700-1¾)	1320-2 647 (700-2)

REIL Rwys 10, 18, and 28 L
MIRL Rwys 10-28 and 18-36 L

BOWLING GREEN, OHIO
Orig-F 25MAR21

41°23'N-83°38'W

WOOD COUNTY (1G∅)

RNAV (GPS) RWY 10

EC-2, 12 JUN 2025 to 07 AUG 2025

EC-2, 12 JUN 2025 to 07 AUG 2025

RNAV (GPS) RWY 18

WOOD COUNTY (1G0)

WAAS	APP CRS	Rwy Idg	2628
CH 97403	184°	TDZE	672
W18A		Apt Elev	673

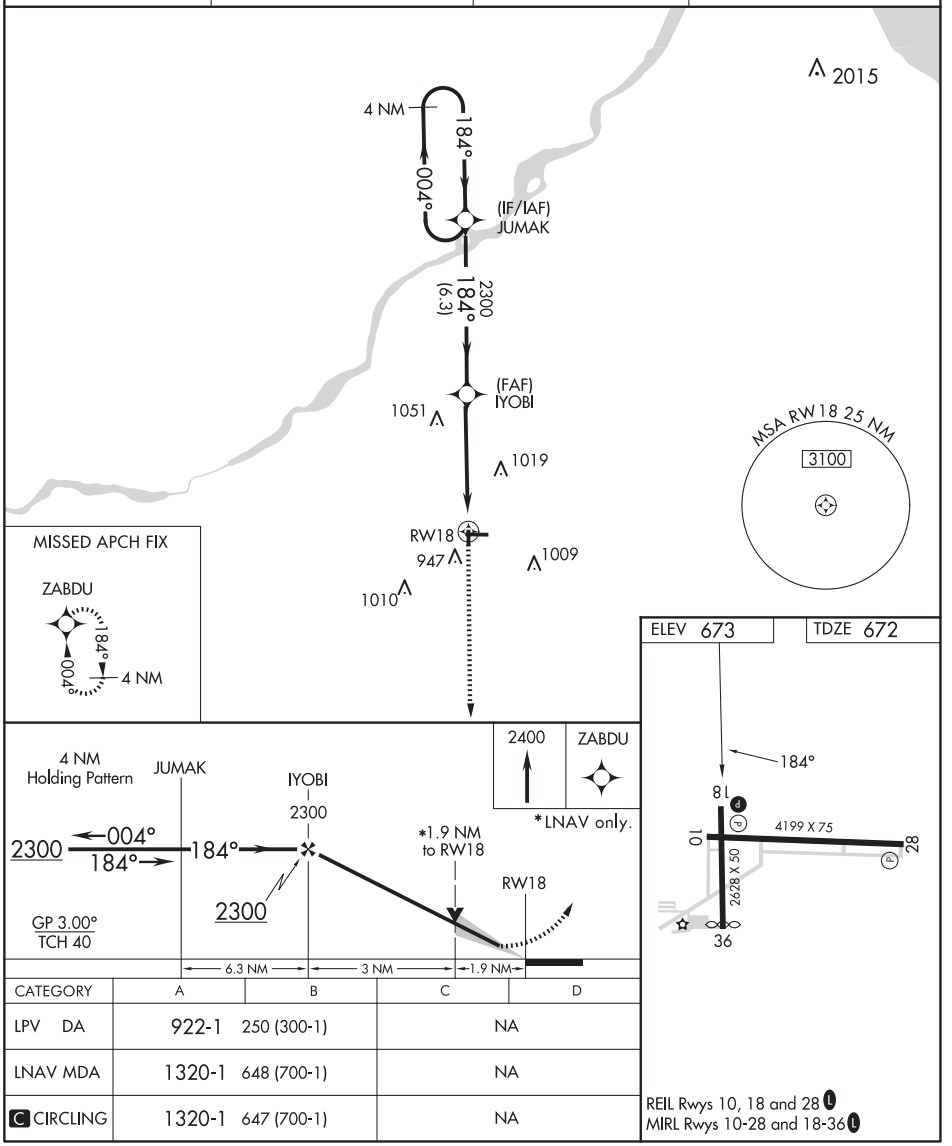
RNP APCH.

Circling Rwy 36 NA at night. VDP NA when using Toledo Express altimeter setting. When local altimeter setting not received, use Toledo Express altimeter setting and increase DA to 957 feet; increase all MDAs 40 feet.

NA

MISSED APPROACH: Climb to 2400 direct ZABDU and hold.

AWOS-3	TOLEDO APP CON	CLNC DEL	UNICOM
120.725	126.1 317.55	125.6	122.975 (CTAF) L



CATEGORY	A	B	C	D
LPV DA	922-1	250 (300-1)	NA	
LNAV MDA	1320-1	648 (700-1)	NA	
C CIRCLING	1320-1	647 (700-1)	NA	

REIL Rwys 10, 18 and 28 L
MIRL Rwys 10-28 and 18-36 L

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

BOWLING GREEN, OHIO | AL-5009 (FAA) | 22363

RNAV (GPS) RWY 28

WOOD COUNTY (1G0)

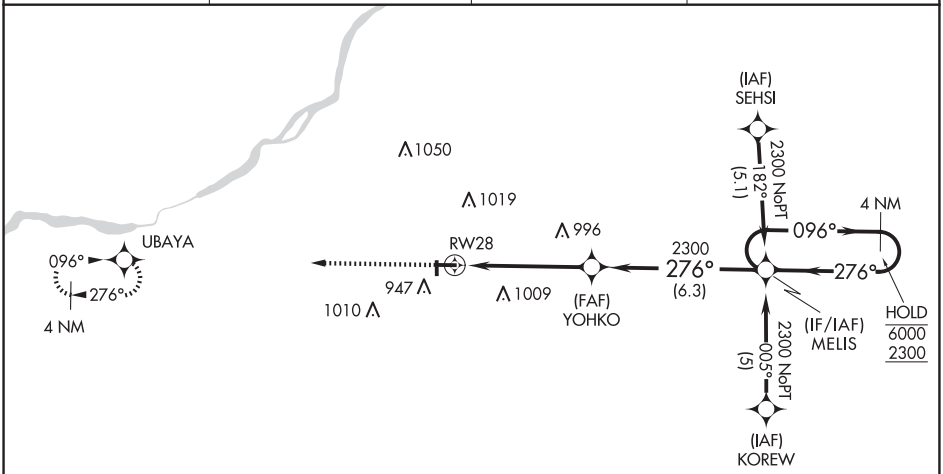
WAAS	APP CRS	Rwy Idg	4199
CH 82702	276°	TDZE	673
W28A		Apt Elev	673

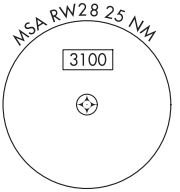
RNP APCH.

Circling Rwy 36 NA at night. Rwy 28 helicopter visibility reduction below ¾ SM NA. VDP NA when using Toledo Express altimeter setting.
NA When local altimeter setting not received, use Toledo Express altimeter setting: increase DA to 958 feet; increase all MDA 40 feet and LNAV Cat C visibility ⅛ SM, Circling Cats C/D visibility ¼ SM.

MISSED APPROACH: Climb to 2300 direct UBAYA and hold.

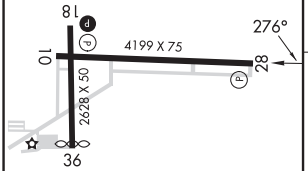
AWOS-3	TOLEDO APP CON	CLNC DEL	UNICOM
120.725	126.1 317.55	125.6	122.975 (CTAF) L

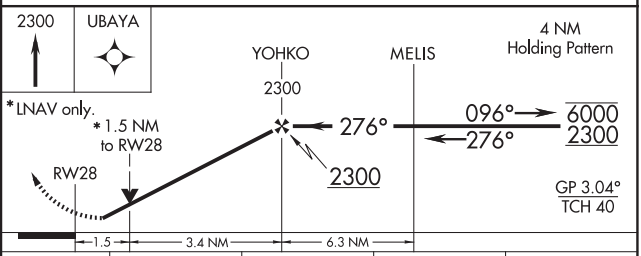




1292

ELEV 673 | TDZE 673





CATEGORY	A	B	C	D
LPV DA	923-1 250 (300-1)			
LNAV MDA	1200-1 527 (600-1)		1200-1½ 527 (600-1½)	1200-1¾ 527 (600-1¾)
CIRCLING	1300-1 627 (700-1)		1320-1¾ 647 (700-1¾)	1320-2 647 (700-2)

REIL Rwys 10, 18 and 28 L
MIRL Rwys 10-28 and 18-36 L

BOWLING GREEN, OHIO
Orig-E 25MAR21

41°23'N-83°38'W

WOOD COUNTY (1G0)

RNAV (GPS) RWY 28

EC-2, 12 JUN 2025 to 07 AUG 2025

EC-2, 12 JUN 2025 to 07 AUG 2025

APP CRS	Rwy Idg	2560
004°	TDZE	672
	Apt Elev	673

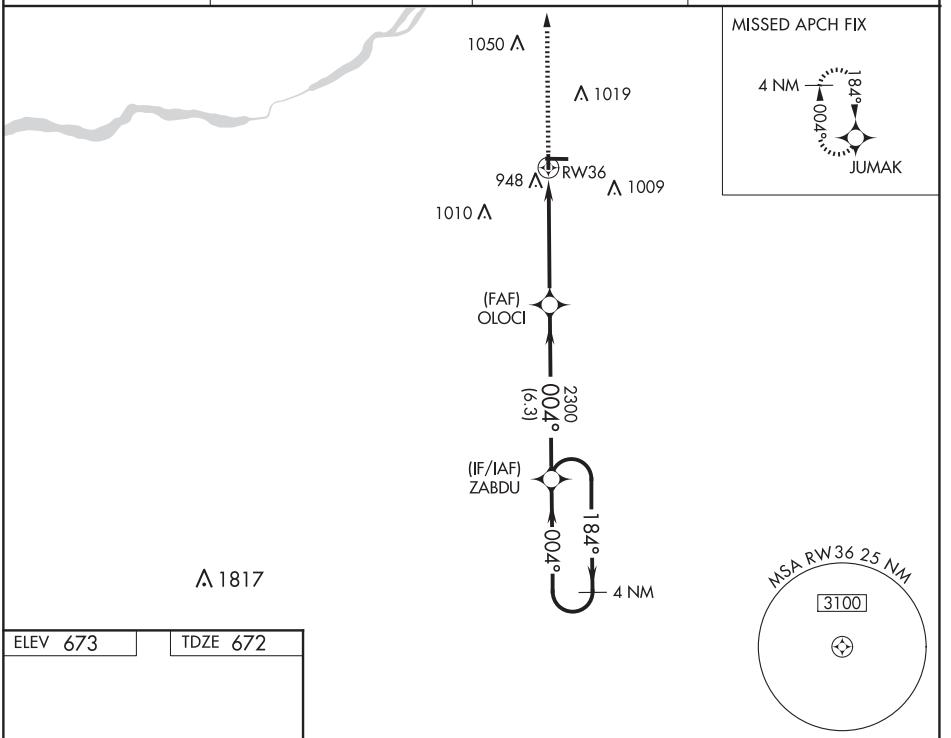
RNAV (GPS) RWY 36
WOOD COUNTY (1G0)

RNP APCH.

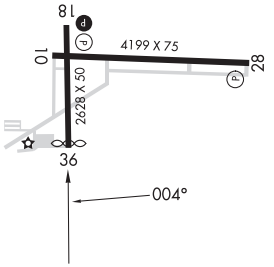
T NA — Rwy 36 helicopter visibility reduction below 1 SM NA. When local altimeter setting not received, use Toledo Express altimeter setting and increase all MDAs 40 feet. Straight-in and Circling Rwy 36 NA at night.

MISSED APPROACH: Climb to 2300 direct JUMAK and hold.

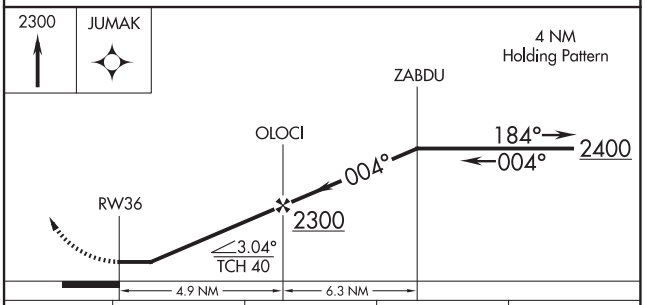
AWOS-3	TOLEDO APP CON	CLNC DEL	UNICOM
120.725	126.1 317.55	125.6	122.975 (CTAF) L



ELEV 673 | TDZE 672



REIL Rwys 10, 18 and 28 L
MIRL Rwys 10-28 and 18-36 L



CATEGORY	A	B	C	D
LNAV MDA	1260-1	588 (600-1)	NA	
C CIRCLING	1300-1	627 (700-1)	NA	

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

RNAV (GPS) RWY 27

BRAZIL CLAY COUNTY (ØI2)

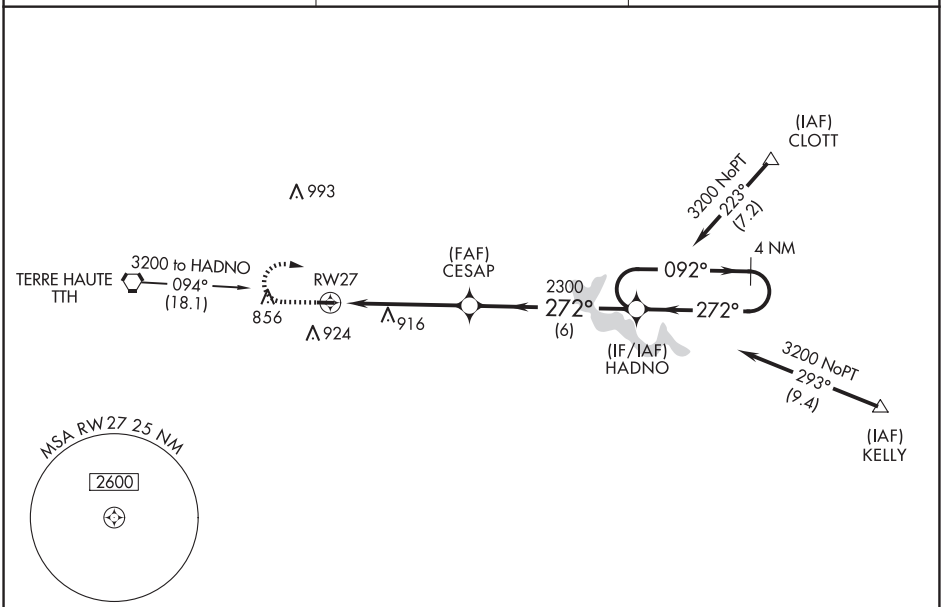
APP CRS	Rwy Idg	2499
272°	TDZE	645
	Apt Elev	645

RNP APCH - GPS.

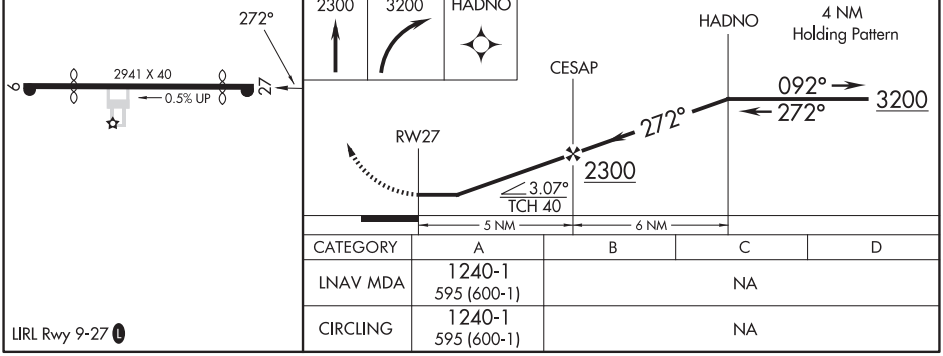
Use HUF altimeter setting. Procedure NA at night.
NA Helicopter visibility reduction below 1 SM NA.

MISSED APPROACH: Climb to 2300 then climbing right turn to 3200 direct HADNO and hold.

HUF ASOS	HULMAN APP CON	UNICOM
127.5	125.45 339.8	122.8 (CTAF) L



ELEV 645 TDZE 645



CATEGORY	A	B	C	D
LNAV MDA	1240-1 595 (600-1)	NA		
CIRCLING	1240-1 595 (600-1)	NA		

LIRL Rwy 9-27 L

39°29′N-87°06′W

EC-2, 12 JUN 2025 to 07 AUG 2025

EC-2, 12 JUN 2025 to 07 AUG 2025

WAAS	APP CRS	Rwy Idg	4491
CH 81927	073°	TDZE	730
W07A		Apt Elev	730

RNAV (GPS) RWY 7

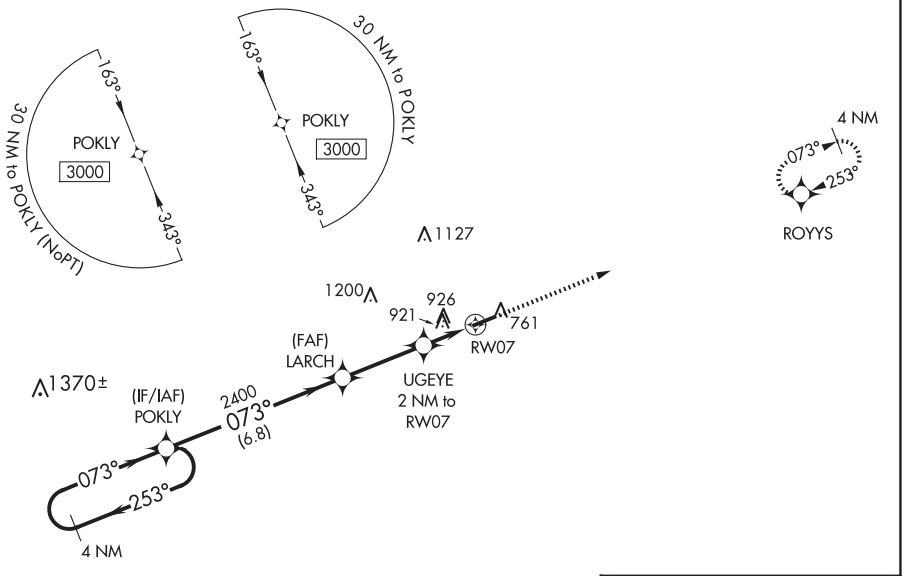
WILLIAMS COUNTY (ØG6)

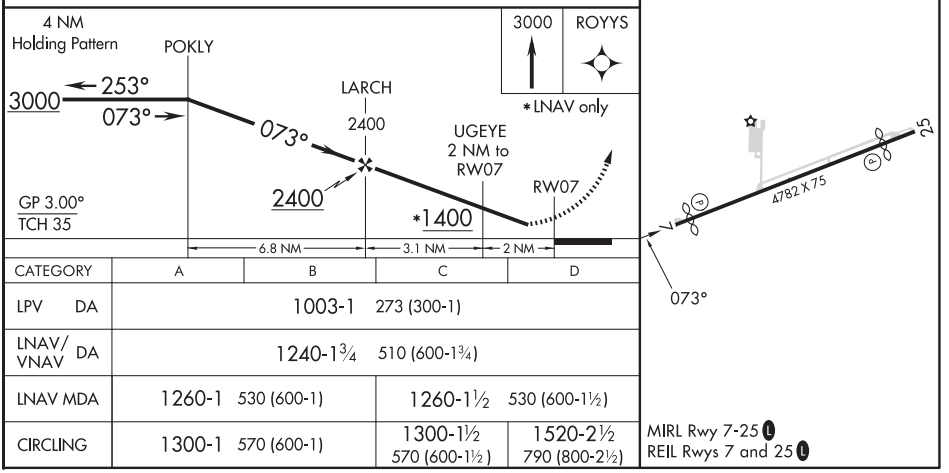
Baro-VNAV NA. When VGSI inop, Straight-in/Circling Rwy 7 procedure NA at night. DME/DME RNP-0.3 NA. Visibility reduction by helicopters NA. Use Defiance Meml altimeter setting; when not received, use De Kalb County altimeter setting: increase LPV DA to 1063 and all visibilities ⅛ SM, LNAV/VNAV DA to 1300 and all visibilities ¼ SM; increase all MDAs 60 feet and LNAV and Circling visibility Cats C/D ¼ SM.

NA

MISSED APPROACH: Climb to 3000 direct ROYYS and hold.

DFI ASOS	TOLEDO APP CON	UNICOM	
121.425	134.35 307.0	122.8 (CTAF)	123.0 L





CATEGORY	A	B	C	D
LPV DA	1003-1 273 (300-1)			
LNAV/VNAV DA	1240-1¾ 510 (600-1¾)			
LNAV MDA	1260-1 530 (600-1)		1260-1½ 530 (600-1½)	
CIRCLING	1300-1 570 (600-1)		1300-1½ 570 (600-1½)	1520-2½ 790 (800-2½)

MIRL Rwy 7-25 L
REIL Rwys 7 and 25 L

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

BRYAN, OHIO | AL-5604 (FAA) | 23334

RNAV (GPS) RWY 25

WILLIAMS COUNTY (ØG6)

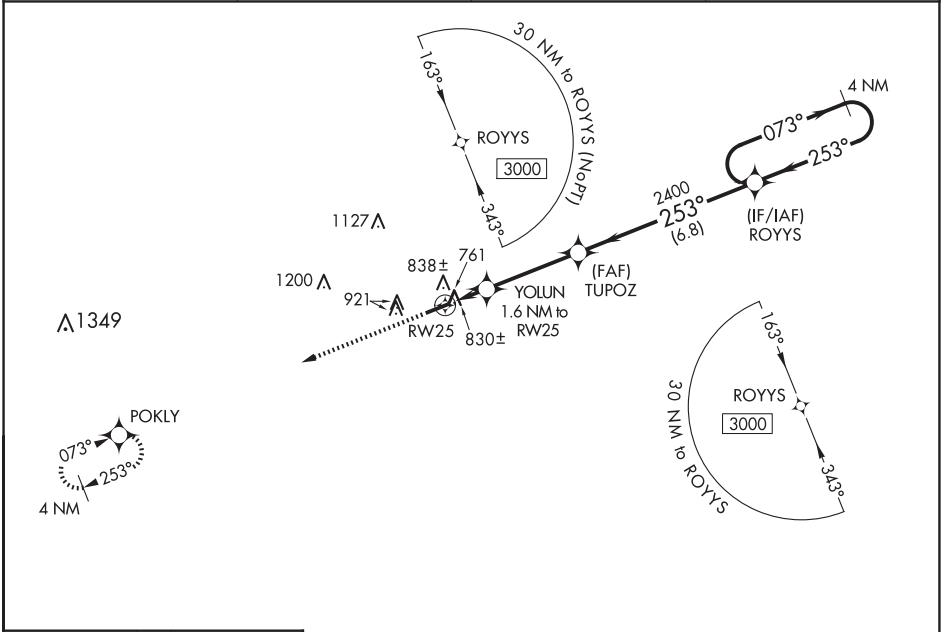
WAAS	APP CRS	Rwy Idg	4153
CH 40427	253°	TDZE	730
W25A		Apt Elev	730

When VGSI inop, Straight-in/Circling Rwy 25 procedure NA at night. DME/DME RNP-0.3 NA. Helicopter visibility reduction below 1 SM NA. Use Defiance Meml altimeter setting; when not received, use De Kalb County altimeter setting: increase all MDAs 60 feet and LP and LNAV and Circling visibility Cats C/D ¼ SM.

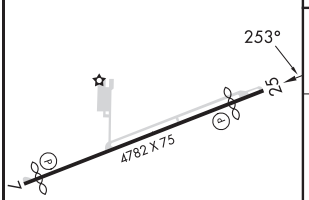
NA

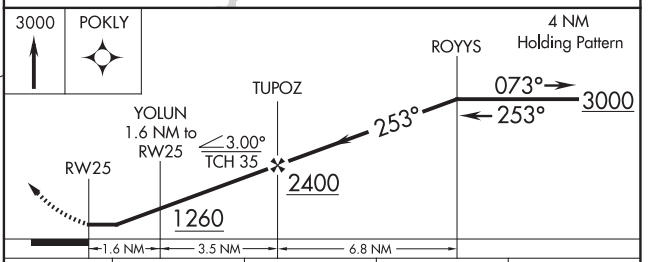
MISSED APPROACH: Climb to 3000 direct POKLY and hold.

DFI ASOS	TOLEDO APP CON	UNICOM	
121.425	134.35 307.0	122.8 (CTAF)	123.0 L



ELEV 730 | TDZE 730





CATEGORY	A	B	C	D
LP MDA	1120-1 390 (400-1)		1120-1⅛ 390 (400-1⅛)	
LNAV MDA	1140-1 410 (500-1)		1140-1⅛ 410 (500-1⅛)	
CIRCLING	1300-1 570 (600-1)		1300-1½ 570 (600-1½)	1520-2½ 790 (800-2½)

MIRL Rwy 7-25 L
REIL Rwys 7 and 25 L

BRYAN, OHIO
Amdt 1B 11AUG22

41°28′N - 84°30′W

WILLIAMS COUNTY (ØG6)

RNAV (GPS) RWY 25

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

RNAV (GPS) RWY 4

PORT BUCYRUS/CRAWFORD COUNTY (17G)

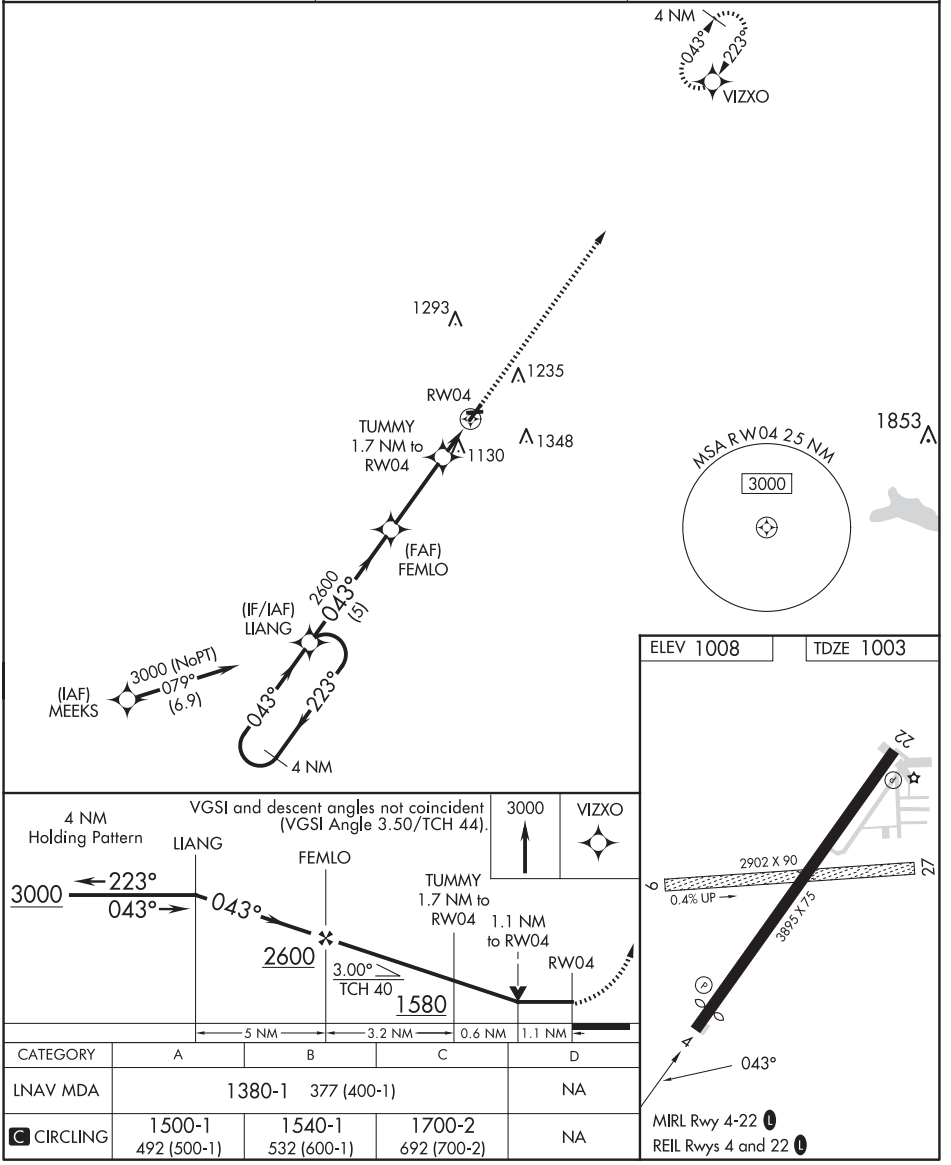
APP CRS	Rwy Idg	3619
043°	TDZE	1003
	Apt Elev	1008

RNP APCH - GPS.

Circling NA to Rwys 9 and 27. Circling Rwy 22 NA at night. Rwy 4 helicopter visibility reduction below ¾ SM NA. VDP NA with Mansfield altimeter setting. When local altimeter setting not received, use Mansfield altimeter setting: increase all MDA 100 feet and visibility Cat C ⅜ SM.

MISSED APPROACH: Climb to 3000 direct VIZXO and hold.

AWOS-3	CLEVELAND APP CON ★	UNICOM
126.625	128.35 360.65	122.8 (CTAF) L



CATEGORY	A	B	C	D
LNAV MDA	1380-1 377 (400-1)			NA
C CIRCLING	1500-1 492 (500-1)	1540-1 532 (600-1)	1700-2 692 (700-2)	NA

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

BUCYRUS, OHIO | AL-6388 (FAA) | 24193

WAAS	APP CRS	Rwy Idg	3895
CH 82033	223°	TDZE	1003
W22A		Apt Elev	1008

RNAV (GPS) RWY 22

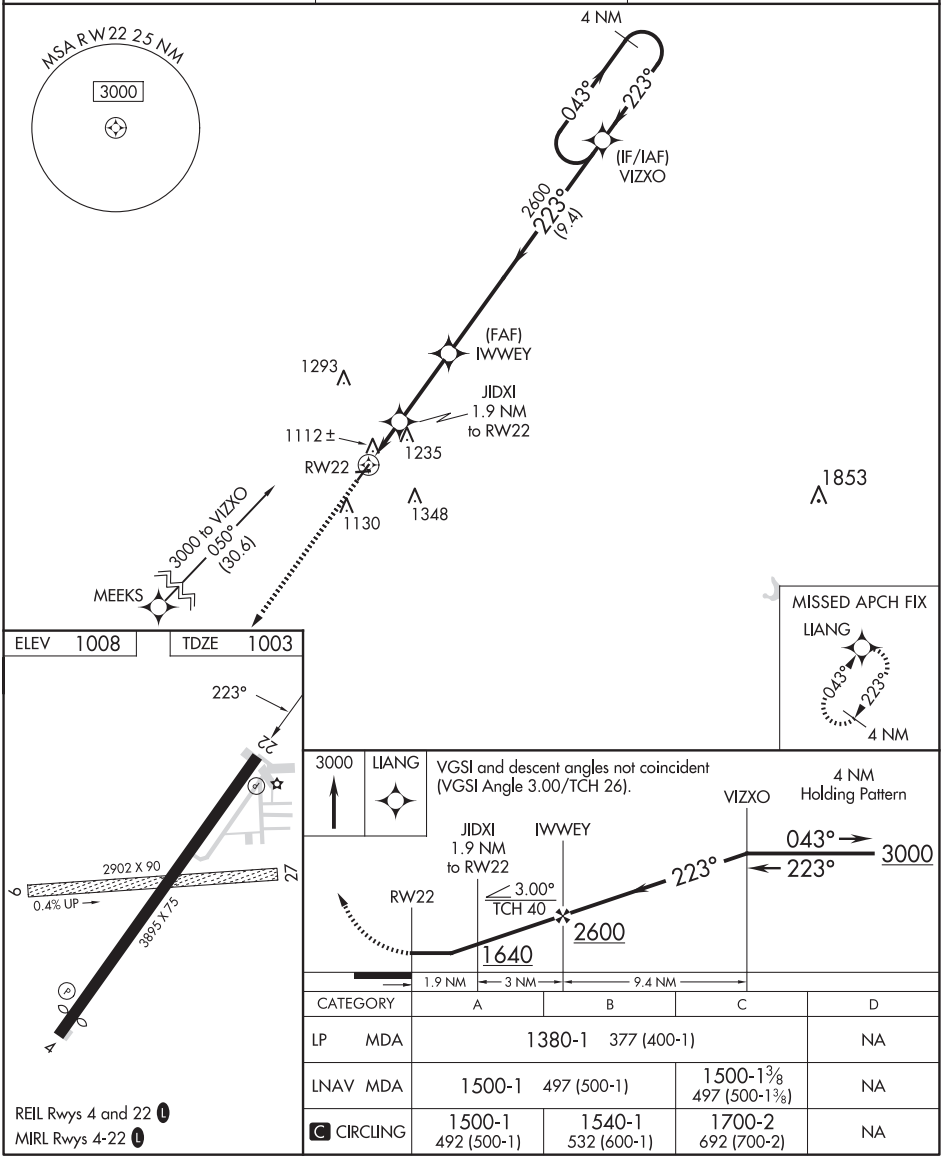
PORT BUCYRUS/CRAWFORD COUNTY (17G)

RNP APCH.

Circling NA to Rwys 9 and 27. Rwy 22 helicopter visibility reduction below 1 SM NA. Straight-in and Circling Rwy 22 NA at night. When local altimeter setting not received, use Mansfield altimeter setting: increase all MDA 100 feet and visibility Cat C 3/8 SM.

MISSED APPROACH: Climb to 3000 direct LIANG and hold.

AWOS-3	CLEVELAND APP CON ★	UNICOM
126.625	128.35 360.65	122.8 (CTAF) L



CATEGORY	A	B	C	D
LP MDA	1380-1 377 (400-1)			NA
LNAV MDA	1500-1 497 (500-1)		1500-1 3/8 497 (500-1 3/8)	NA
C CIRCLING	1500-1 492 (500-1)	1540-1 532 (600-1)	1700-2 692 (700-2)	NA

REIL Rwys 4 and 22 L
MIRL Rwys 4-22 L

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

VOR BUD	APP CRS	Rwy Idg	3895
109.8	208°	TDZE	1003
		Apt Elev	1008

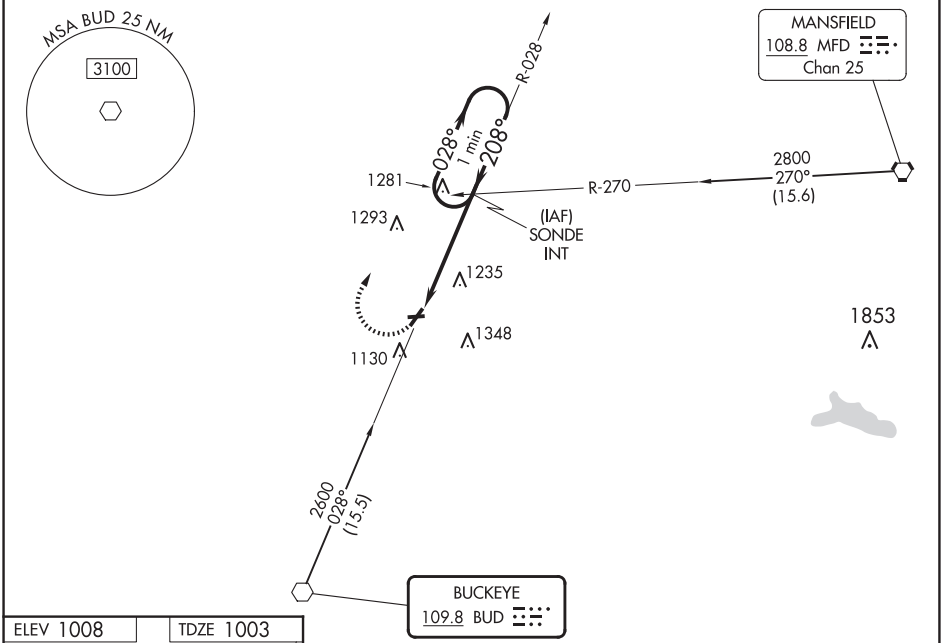
VOR RWY 22

PORT BUCYRUS/CRAWFORD COUNTY (17G)

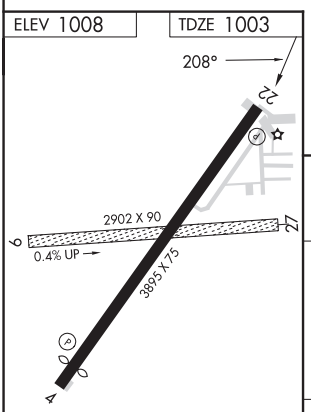
T NA — Circling NA to Rwys 9 and 27. Rwy 22 helicopter visibility reduction below 1 SM NA. Straight-in and Circling Rwy 22 NA at night. When local altimeter setting not received, use Mansfield altimeter setting: increase all MDA 100 feet and visibility Cats B and C ½ SM.

MISSED APPROACH: Climbing right turn to 2600 on heading 090°and on BUD VOR R-028 to SONDE INT and hold.

AWOS-3	CLEVELAND APP CON ★	UNICOM
126.625	128.35 360.65	122.8 (CTAF) L



RADAR REQUIRED

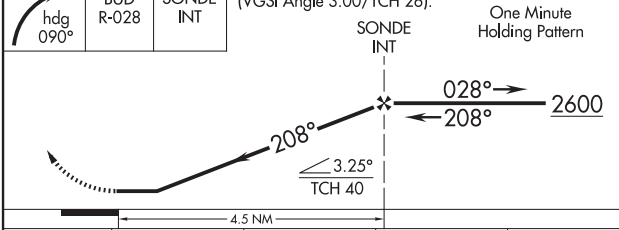


MIRL Rwy 4-22 L
REIL Rwys 4 and 22 L

FAF to MAP 4.5 NM					
Knots	60	90	120	150	180
Min:Sec	4:30	3:00	2:15	1:48	1:30

2600 hdg 090°	BUD R-028	SONDE INT

VGSI and descent angles not coincident (VGSI Angle 3.00/TCH 26).



CATEGORY	A	B	C	D
S-22	1700-1	697 (700-1)	1700-2 697 (700-2)	NA
C CIRCLING	1700-1	692 (700-1)	1700-2 692 (700-2)	NA

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

CADIZ, OHIO | AL-6205 (FAA) | 23166

RNAV (GPS) RWY 13

HARRISON COUNTY (8G6)

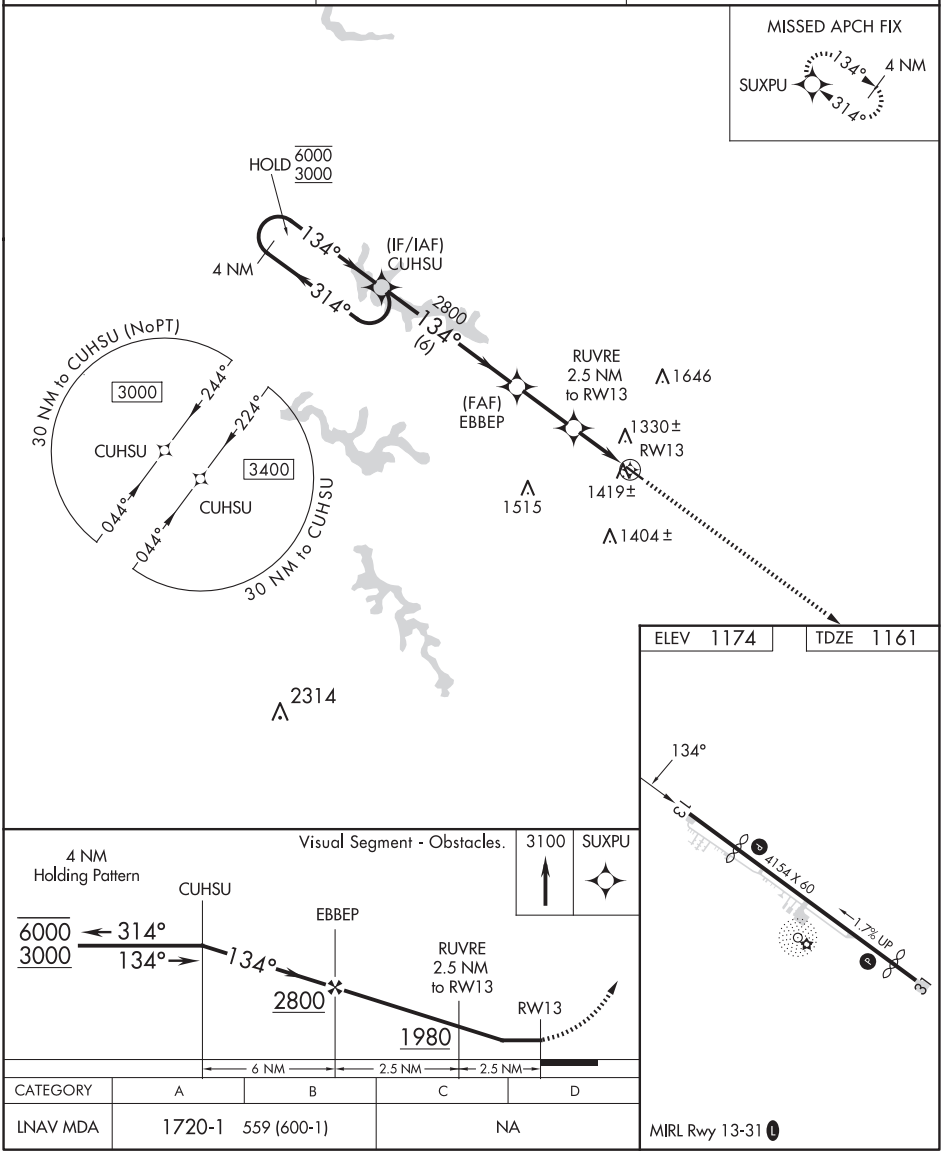
APP CRS	Rwy Idg	3280
134°	TDZE	1161
	Apt Elev	1174

RNP APCH.

Rwy 13 helicopter visibility reduction below 1 SM NA. Use Wheeling altimeter setting; when not received, use Washington altimeter setting and increase all MDA 40 feet. Procedure NA at night.

MISSED APPROACH: Climb to 3100 direct SUXPU and hold.

HLG ASOS	CLEVELAND CENTER	UNICOM
127.375	126.95 239.30	122.8 (CTAF) L



CATEGORY	A	B	C	D
LNAV MDA	1720-1 559 (600-1)		NA	

CADIZ, OHIO
Orig-C 07NOV19

40°14′N-81°01′W

HARRISON COUNTY (8G6)

RNAV (GPS) RWY 13

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

RNAV (GPS) RWY 31

HARRISON COUNTY (8G6)

APP CRS		
314°	Rwy Idg	3744
	TDZE	1163
	Apt Elev	1174

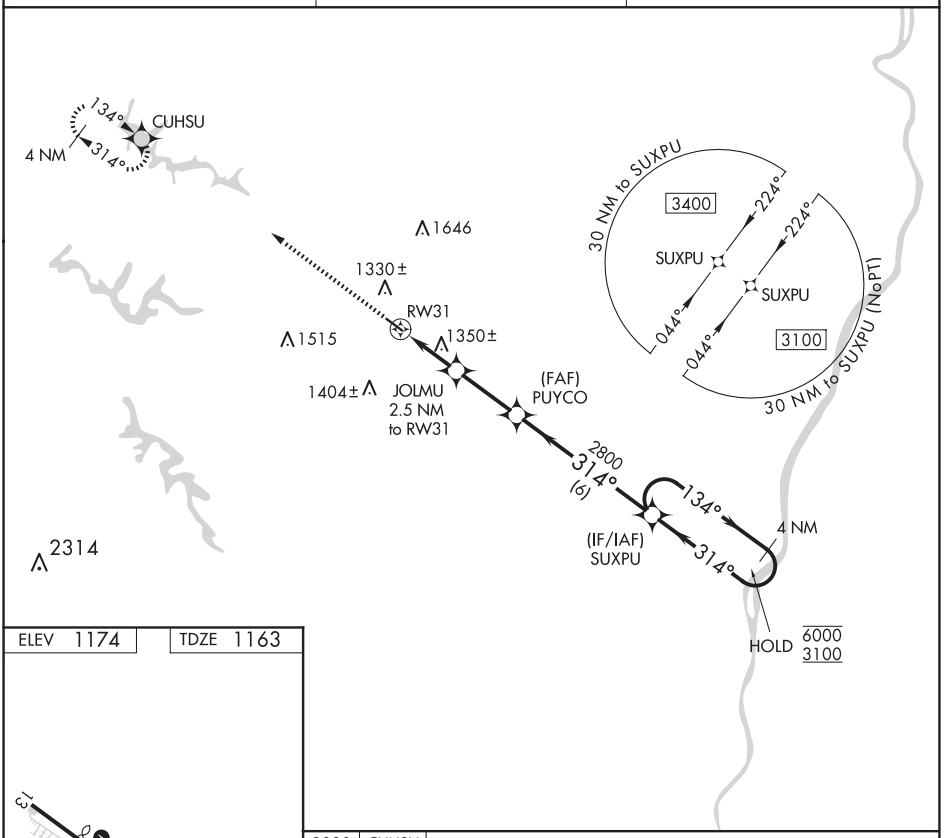
RNP APCH.

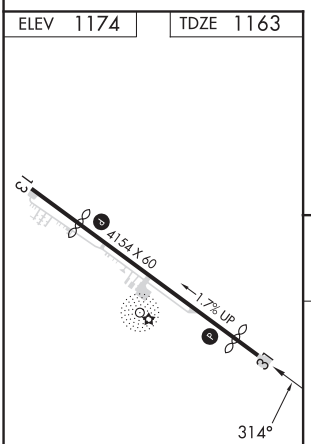
Rwy 31 helicopter visibility reduction below 1 SM NA. Use Wheeling altimeter setting; when not received, use Washington altimeter setting and increase all MDA 40 feet. Procedure NA at night.

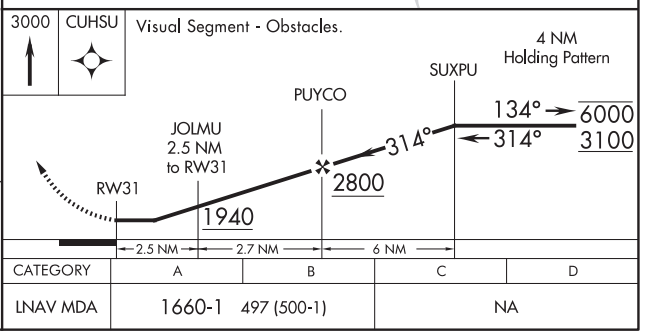
NA

MISSED APPROACH: Climb to 3000 direct CUHSU and hold.

HLG ASOS	CLEVELAND CENTER	UNICOM
127.375	126.95 239.30	122.8 (CTAF) L







CATEGORY	A	B	C	D
LNAV MDA	1660-1	497 (500-1)	NA	

MIRL Rwy 13-31 L

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

CALDWELL, OHIO | AL-6959 (FAA) | 25163

RNAV (GPS) RWY 23

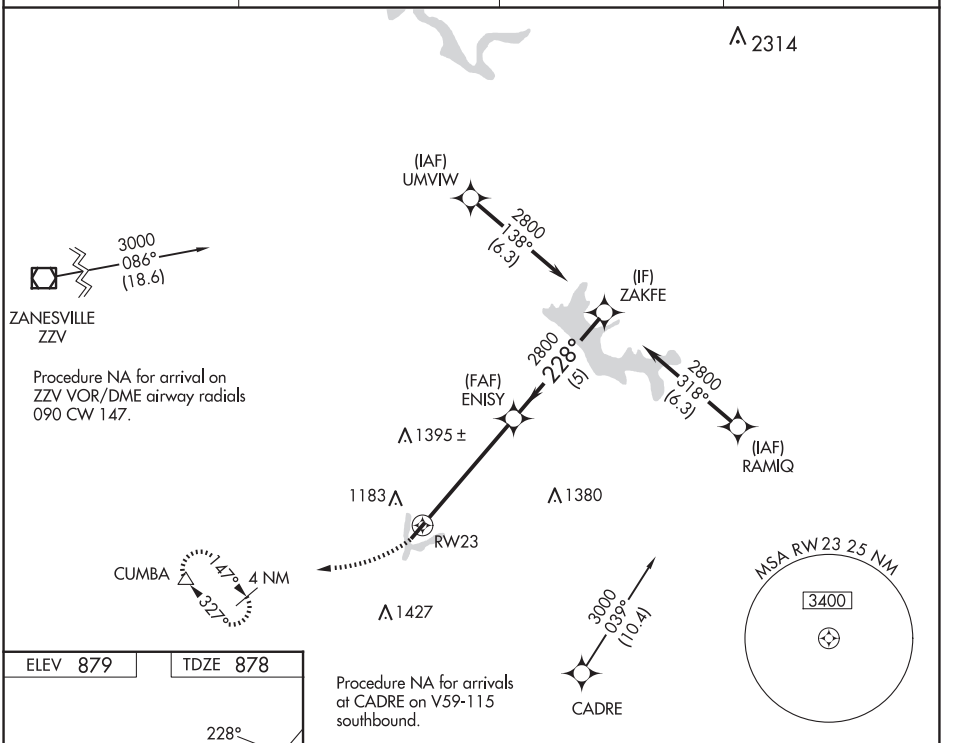
NOBLE COUNTY (I1Ø)

WAAS	APP CRS	Rwy Ldg	3398
CH 48841	228°	TDZE	878
W23A		Apt Elev	879

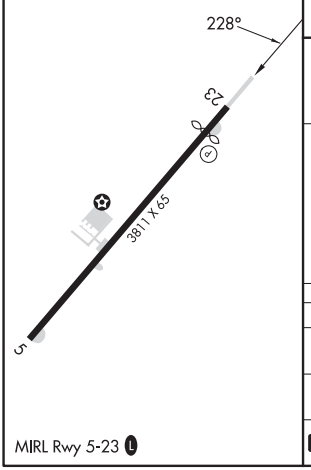
▼ NA — Rwy 23 helicopter visibility reduction below 1 SM NA. DME/DME RNP-0.3 NA. Procedure NA at night. Use Zanesville altimeter setting; when not received, procedure NA.

MISSED APPROACH: Climbing right turn to 3000 direct to CUMBA and hold.

ZZV ASOS	INDIANAPOLIS CENTER	UNICOM	
127.0	124.45 323.275	122.8 (CTAF)	122.7 L

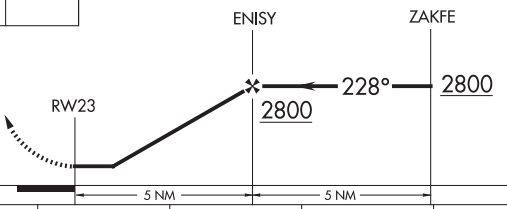


ELEV 879 | TDZE 878



MIRL Rwy 5-23 L

3000 | CUMBA △ | Visual Segment - Obstacles.



CATEGORY	A	B	C	D
LP MDA	1580-1	702 (800-1)	1580-2 702 (800-2)	NA
LNAV MDA	1620-1 742 (800-1)	1620-1¼ 742 (800-1¼)	1620-2 742 (800-2)	NA
C CIRCLING	1620-1	741 (800-1)	1660-2¼ 781 (800-2¼)	NA

CALDWELL, OHIO
Amdt 1 14SEP17

39°48′N-81°32′W

NOBLE COUNTY (I1Ø)

RNAV (GPS) RWY 23

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

RNAV (GPS) RWY 4

CAMBRIDGE MUNI (CDI)

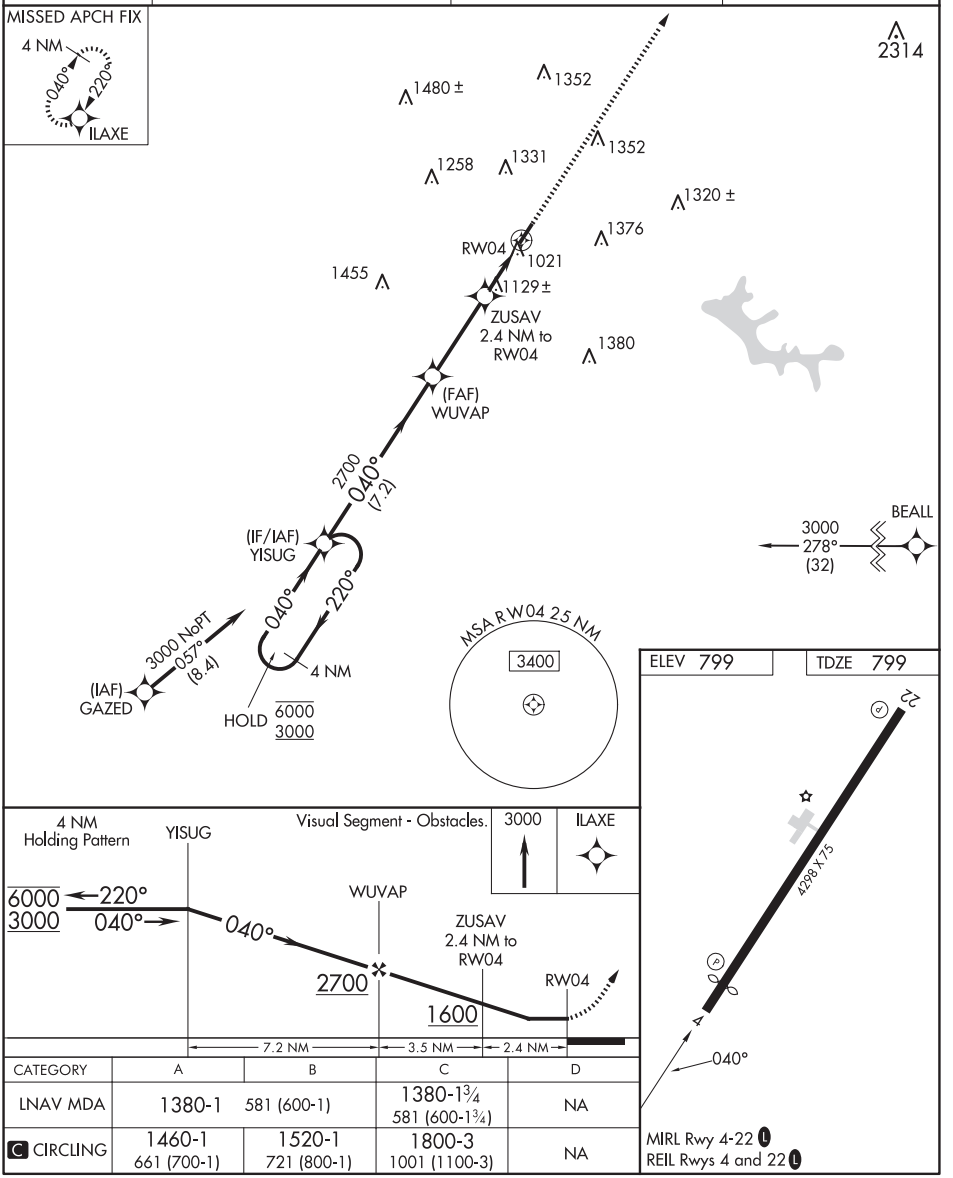
APP CRS	Rwy Idg	TDZE	Apt Elev
040°	3898	799	799

RNP APCH.

T A Rwy 4 helicopter visibility reduction below 1 SM NA. Straight-in and Circling Rwy 4 NA at night.

MISSED APPROACH: Climb to 3000 direct ILAXE and hold.

AWOS-3	(WEST) INDIANAPOLIS CENTER	(EAST) CLEVELAND CENTER	UNICOM
118.525	124.45 323.275	126.95 239.3	123.075 (CTAF) L



CATEGORY	A	B	C	D
LNAV MDA	1380-1	581 (600-1)	1380-1¾ 581 (600-1¾)	NA
C CIRCLING	1460-1 661 (700-1)	1520-1 721 (800-1)	1800-3 1001 (1100-3)	NA

MIRL Rwy 4-22 L
REIL Rwys 4 and 22 L

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

CAMBRIDGE, OHIO AL-5993 (FAA) 23166

WAAS	APP CRS	Rwy Idg 4298
CH 70334	220°	TDZE 799
W22A		Apt Elev 799

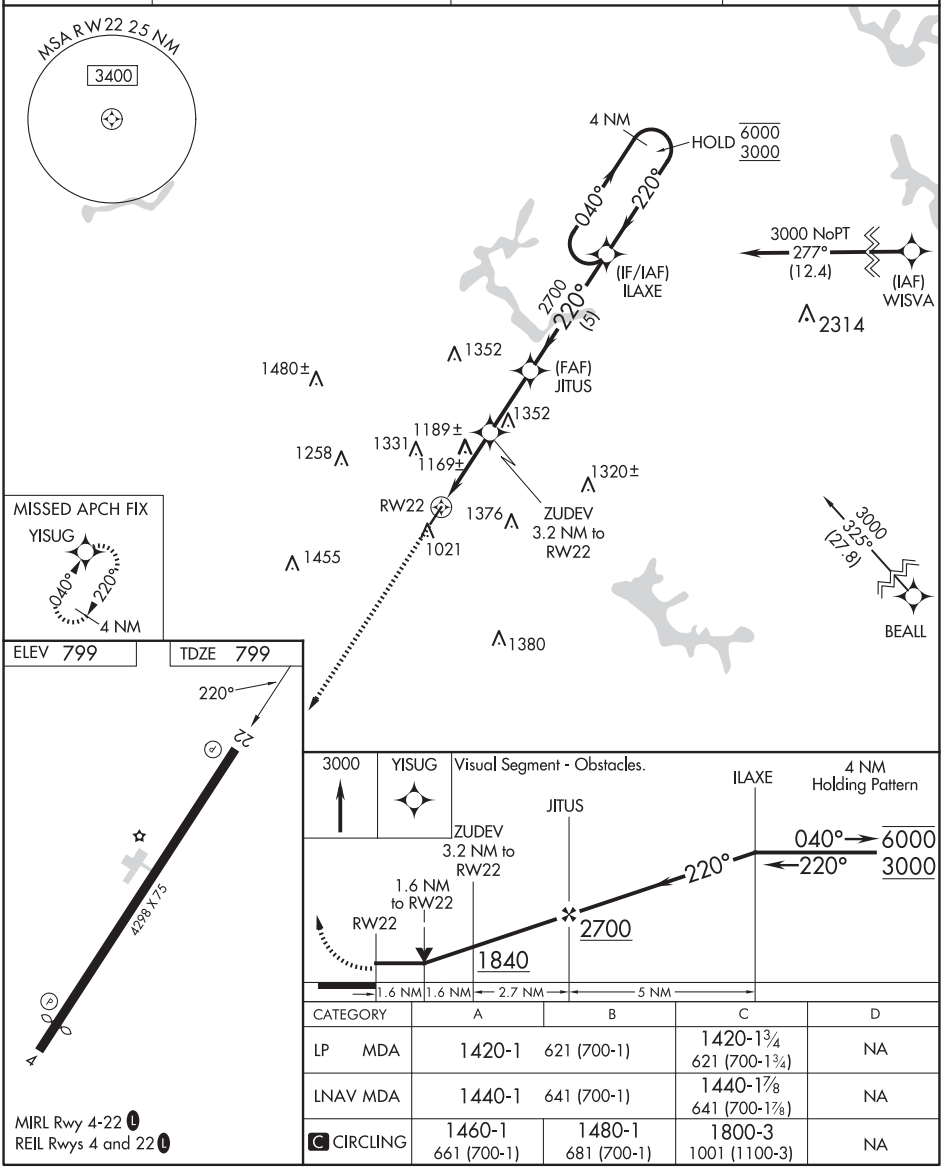
RNAV (GPS) RWY 22
CAMBRIDGE MUNI (CDI)

RNP APCH.

T A Circling Rwy 4 NA at night. Rwy 22 helicopter visibility reduction below ¾ SM NA.

MISSED APPROACH: Climb to 3000 direct YISUG and hold.

AWOS-3	(WEST) INDIANAPOLIS CENTER	(EAST) CLEVELAND CENTER	UNICOM
118.525	124.45 323.275	126.95 239.3	123.075 (CTAF) L



CATEGORY	A	B	C	D
LP MDA	1420-1	621 (700-1)	1420-1¾ 621 (700-1¾)	NA
LNAV MDA	1440-1	641 (700-1)	1440-1⅞ 641 (700-1⅞)	NA
C CIRCLING	1460-1 661 (700-1)	1480-1 681 (700-1)	1800-3 1001 (1100-3)	NA

MIRL Rwy 4-22 L
REIL Rwys 4 and 22 L

CAMBRIDGE, OHIO
Orig-E 05DEC19

39°59′N-81°35′W

CAMBRIDGE MUNI (CDI)
RNAV (GPS) RWY 22

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

RNAV (GPS) RWY 7

CARROLL COUNTY-TOLSON (TSO)

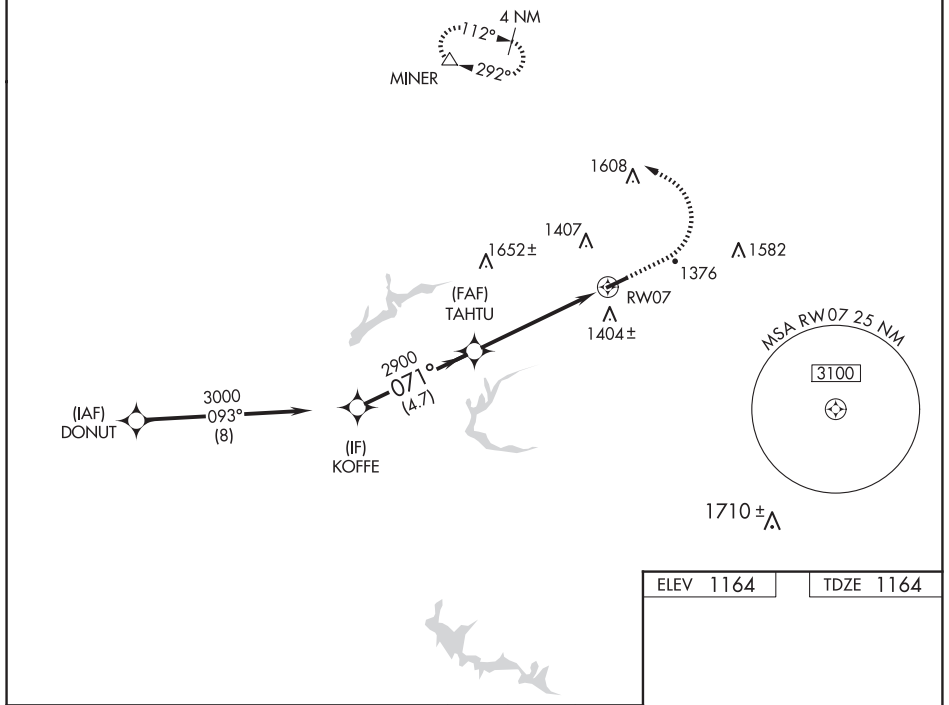
WAAS CH 62930 W07A	APP CRS 071°	Rwy Idg 4300 TDZE 1164 Apt Elev 1164

RNP APCH.

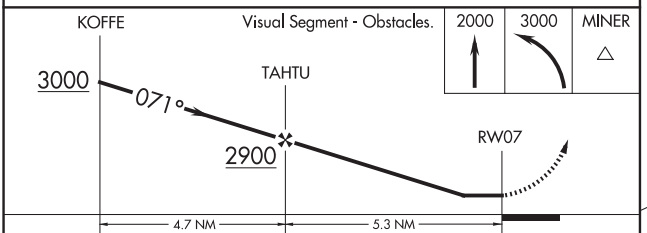
T
A NA Procedure NA at night. Use Akron-Canton Rgnl altimeter setting; when not received use New Philadelphia altimeter and increase all MDA 20 feet. Rwy 7 helicopter visibility reduction below 1 SM NA.

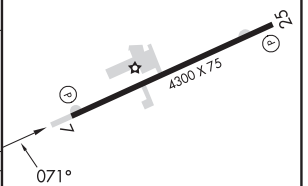
MISSED APPROACH: Climb to 2000 then climbing left turn to 3000 direct MINER and hold.

CLEVELAND APP CON★	UNICOM
125.5 371.875	122.7 (CTAF) L



ELEV 1164	TDZE 1164





CATEGORY	A	B	C	D
LP MDA	1760-1	596 (600-1)	NA	
LNAV MDA	1820-1	656 (700-1)	NA	
C CIRCLING	1840-1	676 (700-1)	NA	

REIL Rwys 7 and 25 L
MIRL Rwy 7-25 L

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

CARROLLTON, OHIO | AL-5994 (FAA) | 23222

VOR-A

CARROLL COUNTY-TOLSON (TSO)

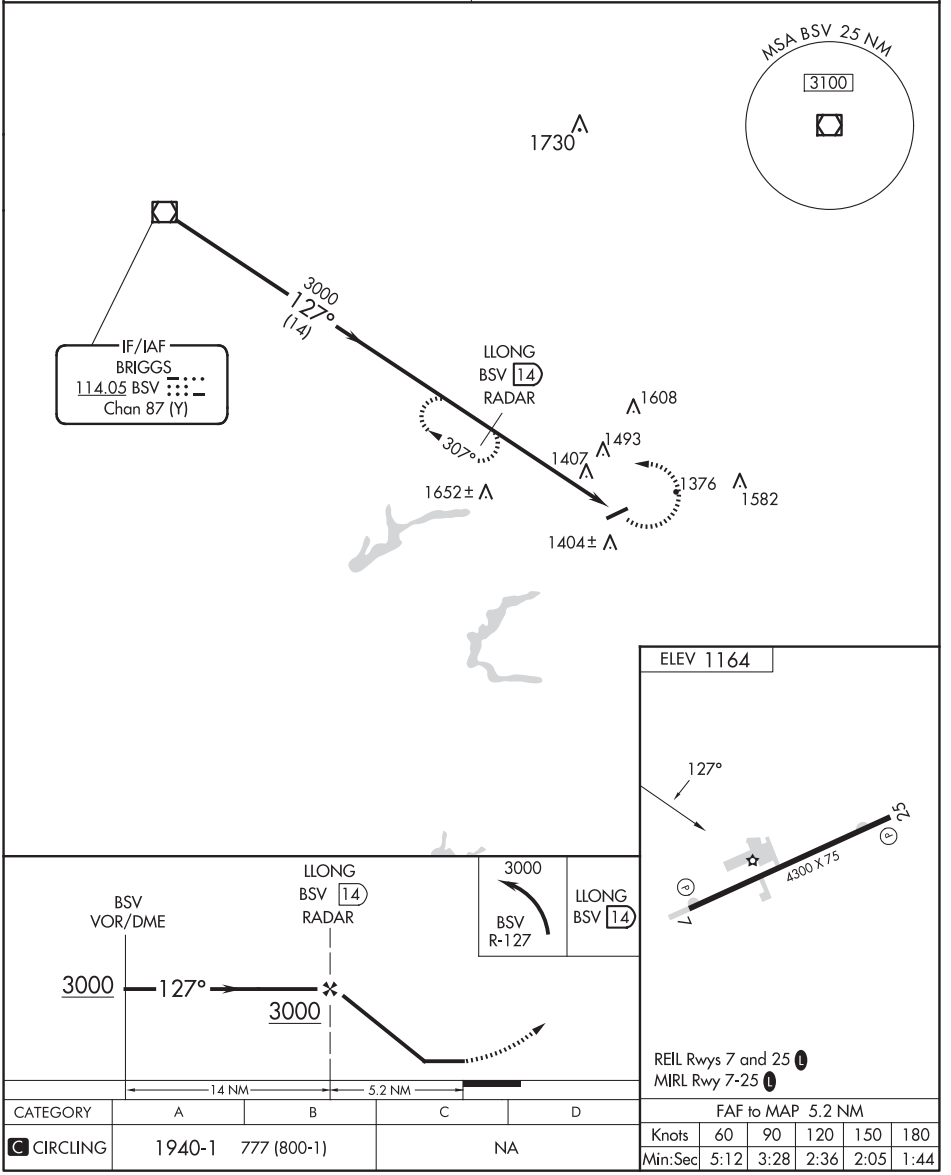
VOR/DME BSV	APP CRS	Rwy Idg	N/A
114.05	127°	TDZE	N/A
Chan 87 (Y)		Apt Elev	1164

DME or RADAR required.

T
A NA Procedure NA at night. Use Akron-Canton altimeter setting; when not received, use New Philadelphia altimeter setting and increase MDA 20 feet.

MISSED APPROACH: Climbing left turn to 3000 on BSV VOR/DME R-127 to LLONG/BSV 14 DME/RADAR and hold.

CLEVELAND APP CON ★	UNICOM
125.5 371.875	122.7 (CTAF) L



CATEGORY	A	B	C	D
C CIRCLING	1940-1	777 (800-1)	NA	

FAF to MAP 5.2 NM

Knots	60	90	120	150	180
Min:Sec	5:12	3:28	2:36	2:05	1:44

CARROLLTON, OHIO
Amdt 1C 11AUG22

40°34'N-81°05'W

CARROLL COUNTY-TOLSON (TSO)
VOR-A

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

WAAS CH 61116 W08A	APP CRS 087°	Rwy Ldg 4400 TDZE 894 Apt Elev 894

RNAV (GPS) RWY 8

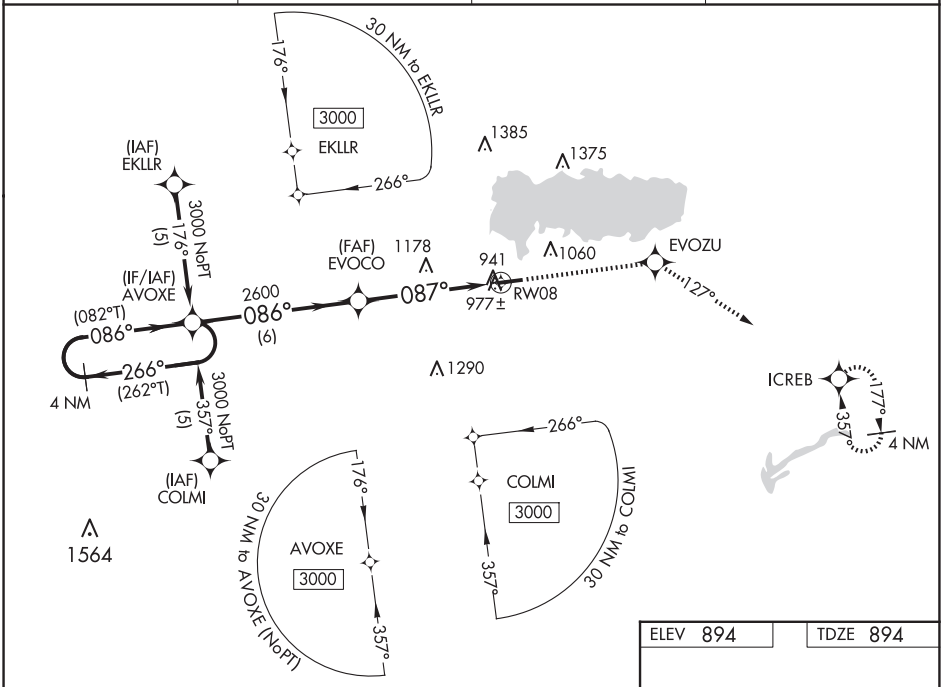
LAKEFIELD (CQA)

RNP APCH - GPS.

T NA Helicopter visibility reduction below ¾ SM NA. Baro-VNAV NA. Use AXV altimeter setting. When not received use DAY altimeter setting and increase LPV DA to 1293 and all Cats visibility ¼ SM, increase LNAV/VNAV DA to 1350 and all Cats visibility ½ SM, increase all MDAs 80 feet and visibility Cat C ¼ SM.

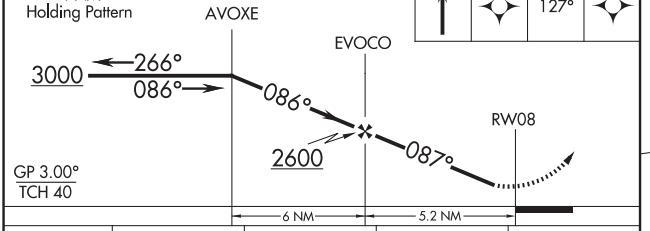
MISSED APPROACH: Climb to 3000 direct EVOZU and on track 127° to ICREB and hold.

AXV AWOS-3PT	COLUMBUS APP CON	UNICOM	
128.325	134.45 352.05	122.8 (CTAF)	123.3 L



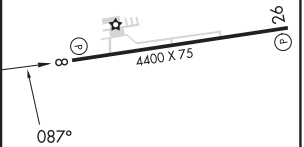
VGSI and RNAV glidepath not coincident (VGSI Angle 3.00/TCH 20).

3000	EVOZU	tr 127°	ICREB



CATEGORY	A	B	C	D
LPV DA	1221-1¼ 327 (400-1¼)			NA
LNAV/VNAV DA	1278-1¼ 384 (400-1¼)			NA
LNAV MDA	1440-1 546 (600-1)		1440-1½ 546 (600-1½)	NA
C CIRCLING	1440-1 546 (600-1)		1520-1¾ 626 (700-1¾)	NA

ELEV 894 TDZE 894



REIL Rwys 8 and 26 L
MIRL Rwy 8-26 L

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

CELINA, OHIO | AL-5823 (FAA) | 25163

RNAV (GPS) RWY 26

LAKEFIELD (CQA)

APP CRS	Rwy Ldg	4400
267°	TDZE	893
	Apt Elev	894

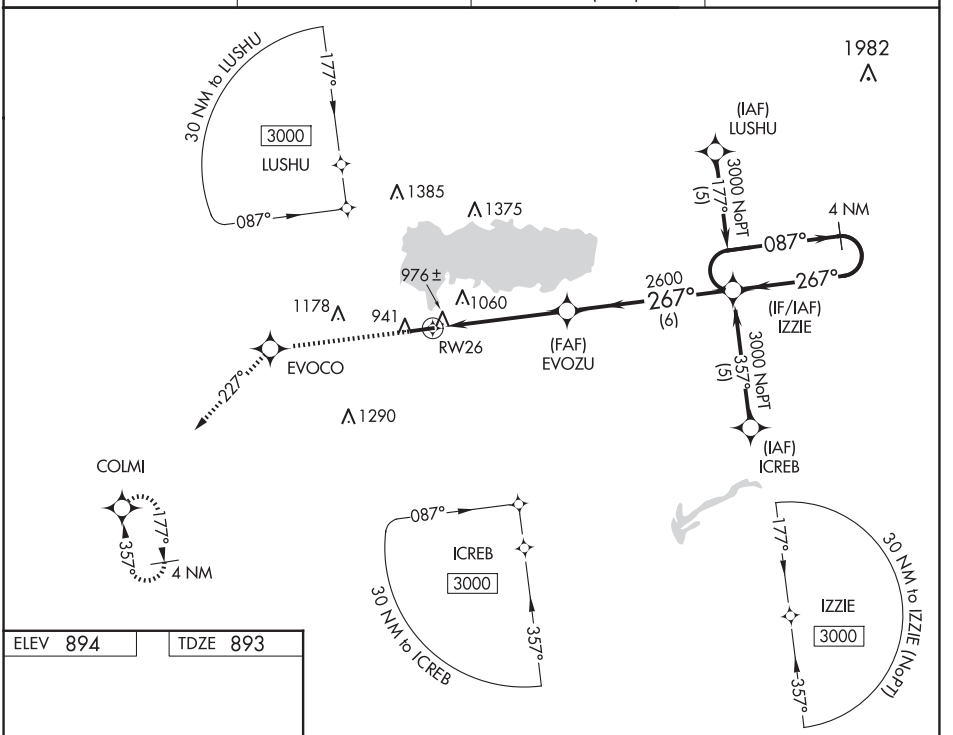
RNP APCH - GPS.

Baro-VNAV NA. Use AXV altimeter setting. When not received use DAY altimeter setting and increase LNAV/VNAV DA to 1349 feet and visibility all Cats ¼ SM, increase all MDA 80 feet and visibility Cat C ¼ SM. Helicopter visibility below ¾ SM NA.

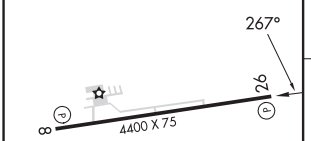
NA

MISSED APPROACH: Climb to 3000 direct EVOCO and on track 227° to COLMI and hold.

AXV AWOS-3PT	COLUMBUS APP CON	UNICOM	
128.325	134.45 352.05	122.8 (CTAF)	123.3 L



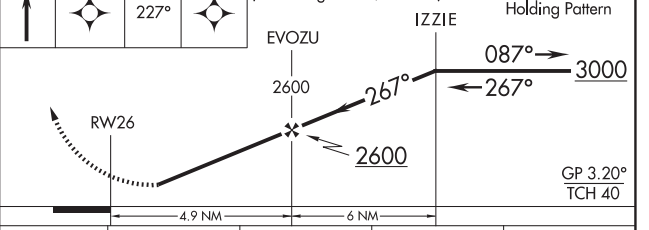
ELEV 894	TDZE 893



3000	EVOCO	tr 227°	COLMI

VGSI and RNAV glidepath not coincident (VGSI Angle 3.00/TCH 29).

4 NM Holding Pattern



CATEGORY	A	B	C	D
LNAV/VNAV DA	1277-1¼ 384 (400-1¼)			NA
LNAV MDA	1260-1 367 (400-1)			NA
C CIRCLING	1360-1 466 (500-1)	1400-1 506 (600-1)	1520-1¾ 626 (700-1¾)	NA

REIL Rwys 8 and 26 L
MIRL Rwy 8-26 L

CELINA, OHIO
Orig-B 12JUN25

40°29'N-84°33'W

LAKEFIELD (CQA)

RNAV (GPS) RWY 26

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

WAAS	APP CRS	Rwy Idg	5405
CH 69329	227°	TDZE	716
W23A		Apt Elev	725

RNAV (GPS) RWY 23

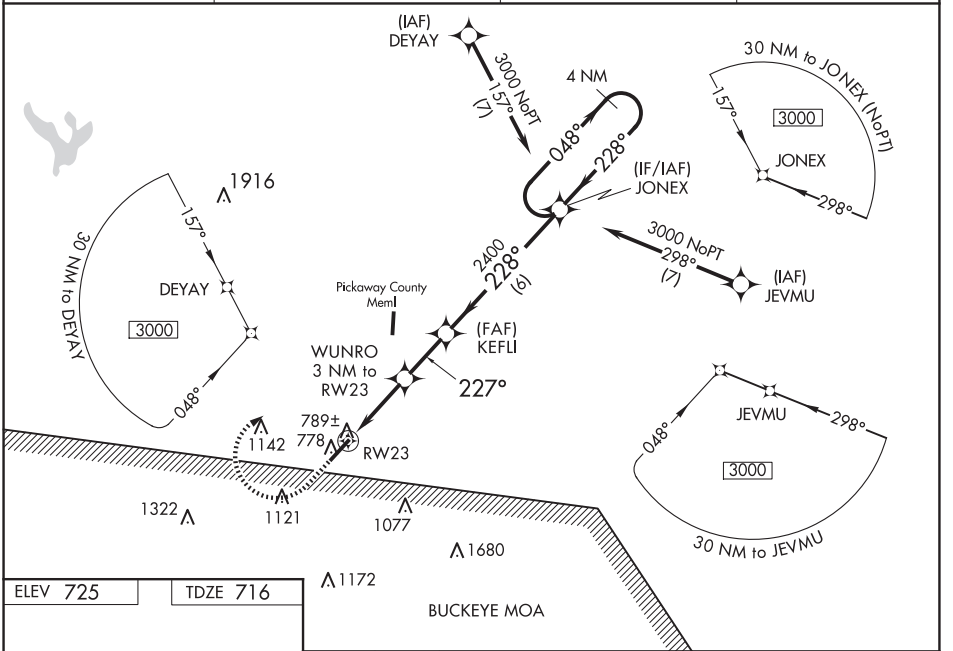
ROSS COUNTY (RZT)

RNP APCH - GPS.

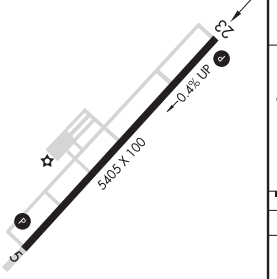
T A For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -16°C or above 54°C. When local altimeter setting not received, use Rickenbacker Intl altimeter setting and increase all DA/MDA 60 feet, increase LPV all Cats, LNAV/VNAV all Cats and LNAV Cat C and D and Circling Cat C visibility ¼ mile. Baro-VNAV and VDP NA when using Rickenbacker Intl altimeter setting. Rwy 23 helicopter visibility reduction below ¾ SM NA.

MISSED APPROACH: Climb to 1500 then climbing right turn to 3000 direct JONEX and hold.

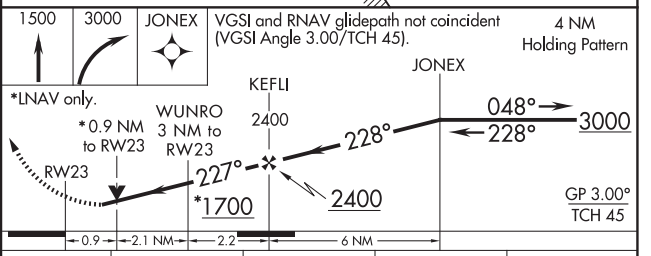
AWOS-3	COLUMBUS APP CON	UNICOM	
119.225	134.0 279.6	122.8 (CTAF)	123.0 L



ELEV 725	TDZE 716



REIL Rwys 5 and 23 L
MIRL Rwy 5-23 L



CATEGORY	A	B	C	D
LPV DA	966-¾	250 (300-¾)		
LNAV/VNAV DA	1088-1¼	372 (400-1¼)		
LNAV MDA	1040-1	324 (400-1)		
CIRCLING	1320-1 595 (600-1)	1380-1 655 (700-1)	1500-2¼ 775 (800-2¼)	1540-2¾ 815 (900-2¾)

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

CHILLICOTHE, OHIO AL-6138 (FAA) 23278

VOR XUB	APP CRS	Rwy Idg	5405
112.5	204°	TDZE	716
		Apt Elev	725

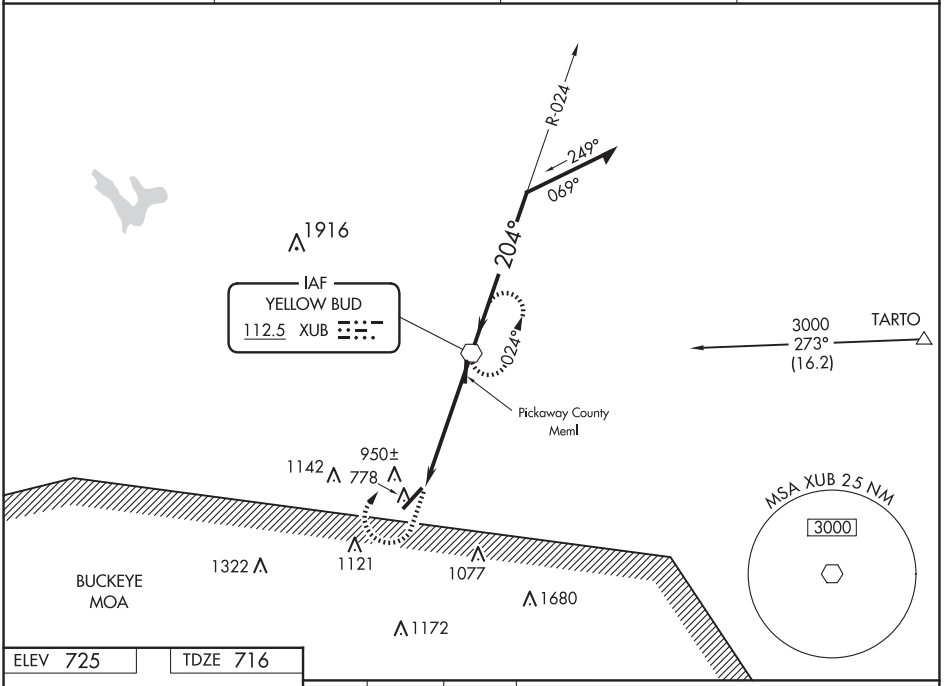
VOR RWY 23

ROSS COUNTY (RZT)

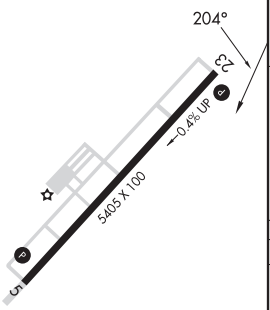
NA — When local altimeter setting not received, use Rickenbacker Intl altimeter setting. When VGSI is inop, Straight-in and Circling Rwy 23 procedures NA at night.

MISSED APPROACH: Climb to 3000 then right turn direct XUB VOR and hold.

AWOS-3	COLUMBUS APP CON	UNICOM	123.0 L
119.225	134.0 279.6	122.8 (CTAF)	



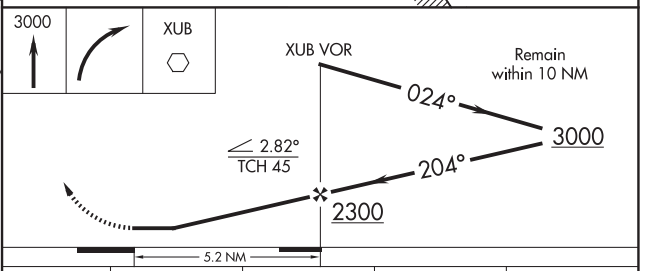
ELEV 725 TDZE 716



REIL Rwys 5 and 23 L
MIRL Rwy 5-23 L

FAF to MAP 5.2 NM

Knots	60	90	120	150	180
Min:Sec	5:12	3:28	2:36	2:05	1:44



CATEGORY	A	B	C	D
S-23	1220-1 504 (500-1)		1220-1½ 504 (500-1½)	
CIRCLING	1340-1 615 (700-1)	1360-1 635 (700-1)	1500-2¼ 775 (800-2¼)	1540-2¾ 815 (900-2¾)
RICKENBACKER INTL ALTIMETER SETTING MINIMUMS				
S-23	1280-1 564 (600-1)		1280-1⅝ 564 (600-1⅝)	
CIRCLING	1400-1 675 (700-1)	1420-1 695 (700-1)	1560-2½ 835 (900-2½)	1600-2¾ 875 (900-2¾)

CHILLICOTHE, OHIO
Amdt 3F 07OCT21

39°26'N-83°01'W

ROSS COUNTY (RZT)
VOR RWY 23

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

LOC/DME I-LUK	APP CRS	Rwy Idg	6101
110.9	205°	TDZE	475
Chan 46		Apt Elev	482

ILS or LOC RWY 21

CINCINNATI MUNI/LUNKEN FLD (LUK)

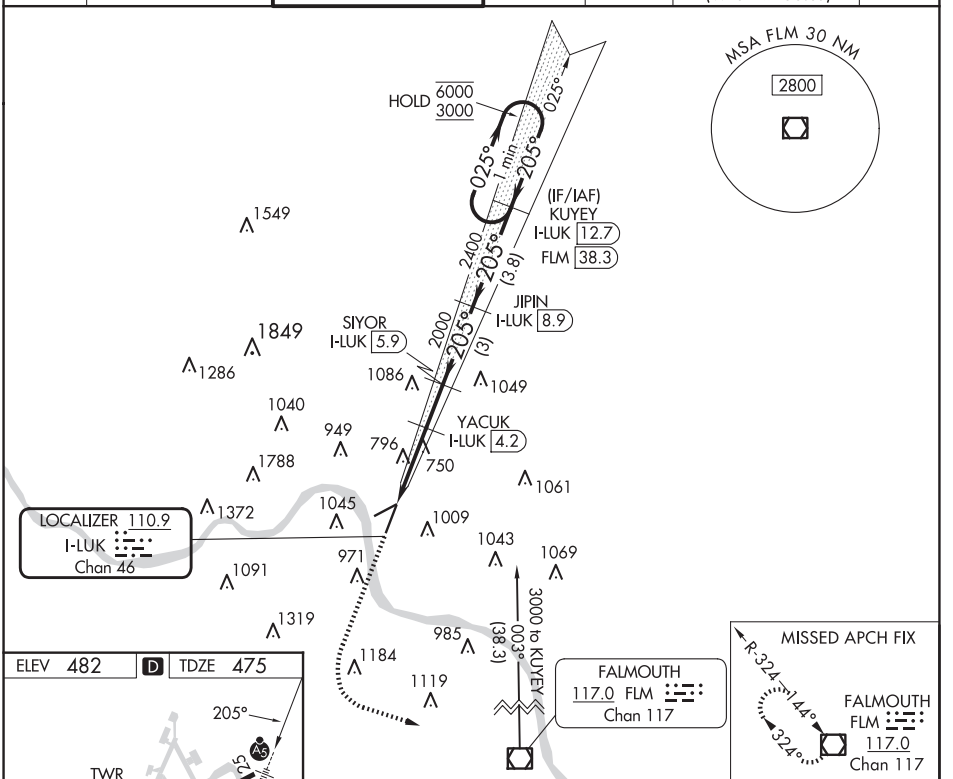
DME required.

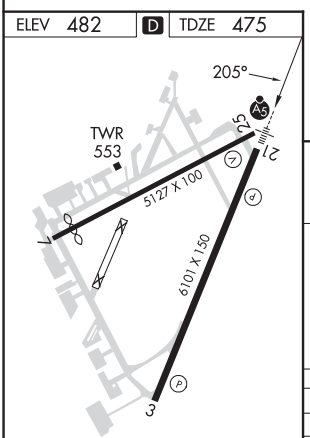
Rwy 21 helicopter visibility reduction below RVR 4000 NA. Circling Rwy 7 NA at night. Circling NA for Cat D north of Rwy 7-25. Inop table does not apply to S-ILS 21 all Cats and S-LOC 21 Cats A and B.

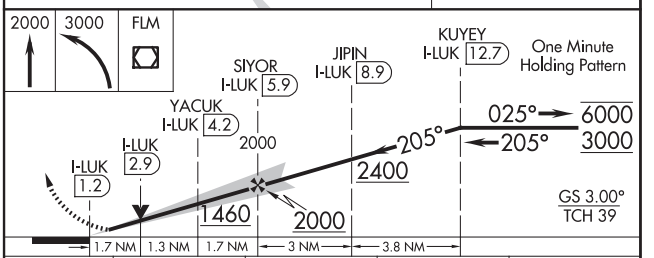
MALSR

MISSED APPROACH: Climb to 2000 then climbing left turn to 3000 direct FLM VOR/DME and hold.

ATIS	CINCINNATI APP CON	LUNKEN TOWER ★	GND CON	CLNC DEL	CLNC DEL	UNICOM
123.6	121.0 254.25	118.7 (CTAF) L 257.8	121.9	121.9	124.9 (When twr closed)	122.95







CATEGORY	A	B	C	D
S-ILS 21	797/50 322 (400-1)			
S-LOC 21	1060/50 585 (600-1)		1060-1¼ 585 (600-1¼)	
CIRCLING	1260-1 778 (800-1)	1360-1¼ 878 (900-1¼)	1360-2½ 878 (900-2½)	1400-3 918 (1000-3)

REIL Rwy 3
HIRL Rwy 3-21 L
MIRL Rwy 7-25

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

CINCINNATI, OHIO AL-83 (FAA) 25163

RNAV (GPS) RWY 3

CINCINNATI MUNI/LUNKEN FLD (LUK)

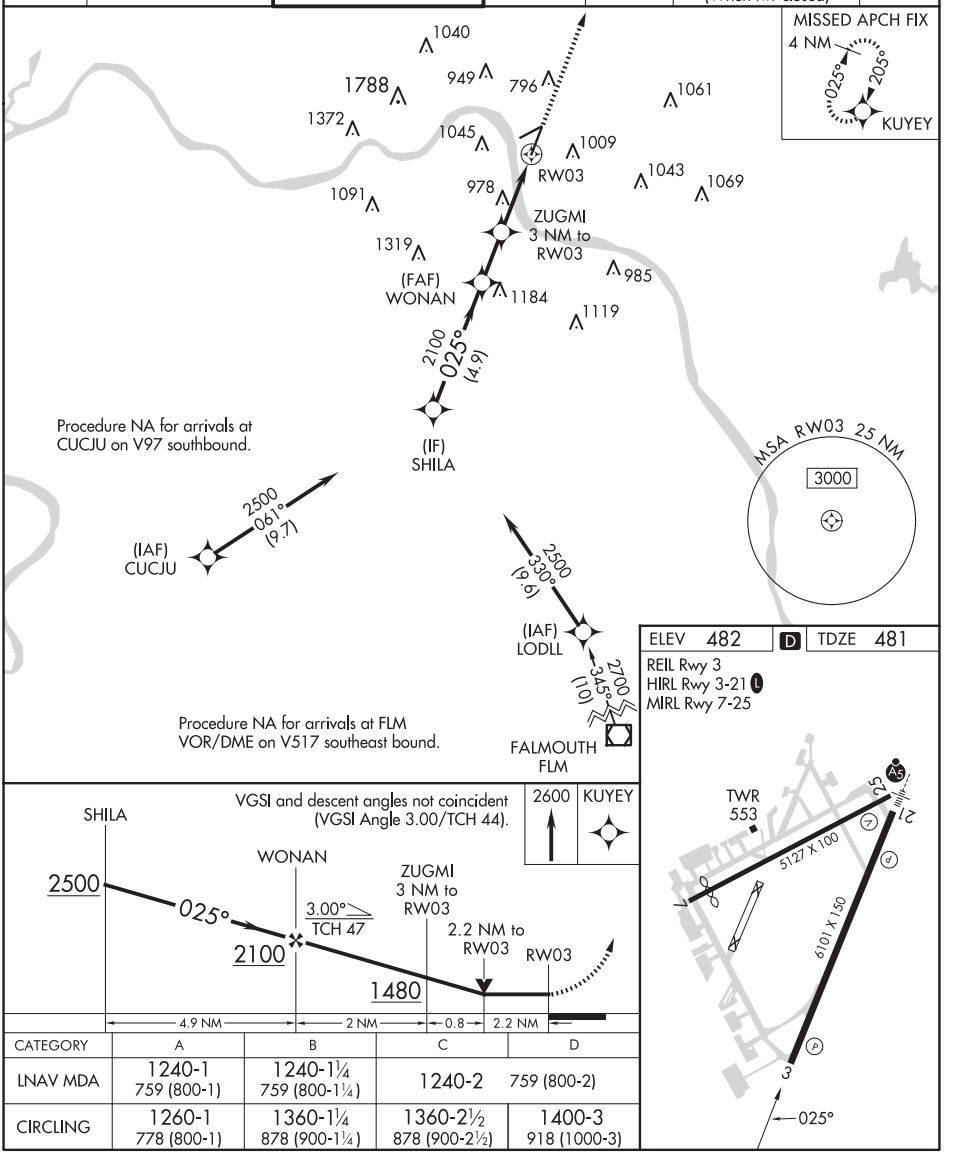
APP CRS	Rwy Ldg	6101
025°	TDZE	481
	Apt Elev	482

RNP APCH-GPS.

Rwy 3 helicopter visibility reduction below ¾ SM NA.
Circling NA for Cat D north of Rwy 7-25. Circling Rwy 7 NA at night.

MISSED APPROACH: Climb to 2600 direct KUYEY and hold.

ATIS	CINCINNATI APP CON	LUNKEN TOWER ★	GND CON	CLNC DEL	CLNC DEL	UNICOM
123.6	121.0 254.25	118.7 (CTAF) L 257.8	121.9	121.9	124.9 (When twr closed)	122.95



CATEGORY	A	B	C	D
LNAV MDA	1240-1 759 (800-1)	1240-1¼ 759 (800-1¼)	1240-2	759 (800-2)
CIRCLING	1260-1 778 (800-1)	1360-1¼ 878 (900-1¼)	1360-2½ 878 (900-2½)	1400-3 918 (1000-3)

CINCINNATI, OHIO
Orig 11JUL24

39°06'N-84°25'W

CINCINNATI MUNI/LUNKEN FLD (LUK)

RNAV (GPS) RWY 3

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

RNAV (GPS) RWY 21

CINCINNATI MUNI/LUNKEN FLD (LUK)

WAAS	APP CRS	Rwy Ldg	6101
CH 90148	205°	TDZE	475
W21A		Apt Elev	482

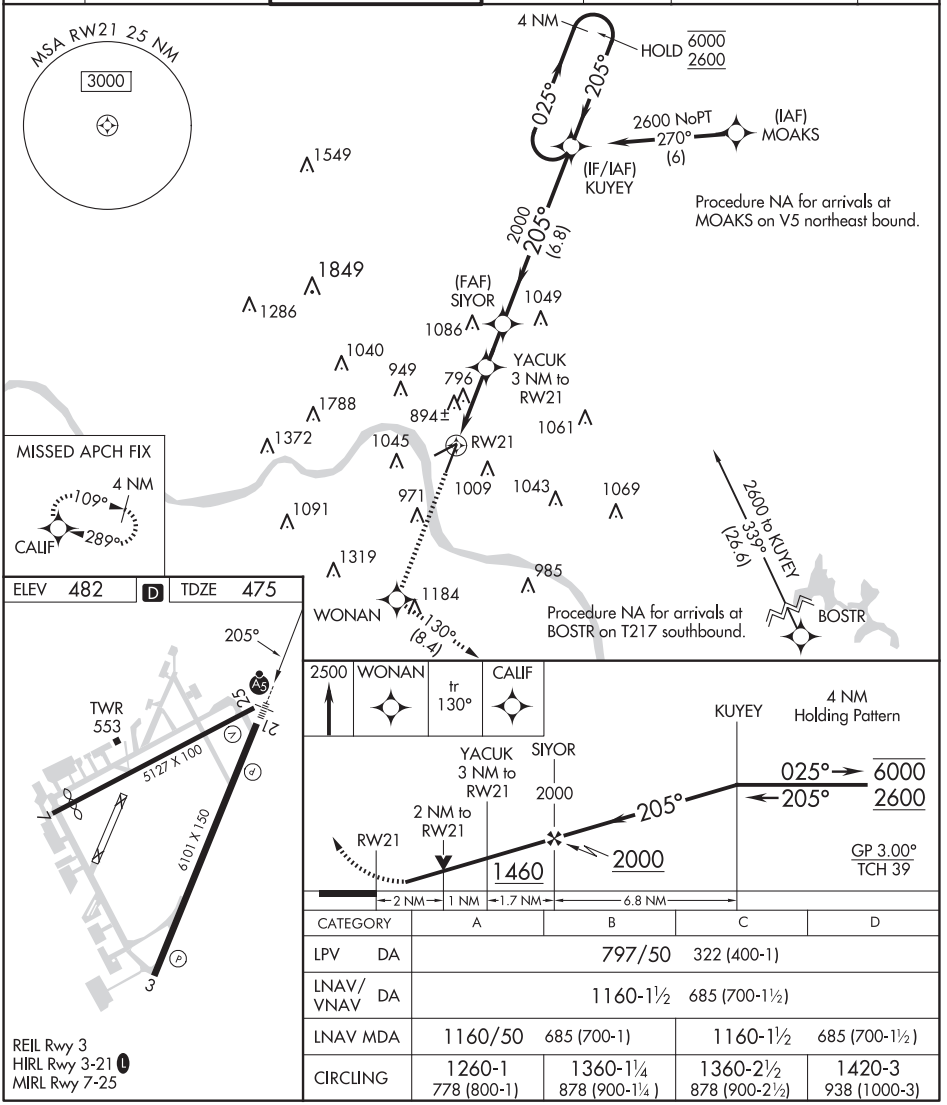
RNP APCH - GPS.

T A Circling NA for Cat D north of Rwy 7-25. Circling Rwy 7 NA at night. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -15°C or above 54°C. Rwy 21 helicopter visibility reduction below RVR 4000 NA. Inop table does not apply to LPV all Cats and LNAV Cat A and B visibility. For inop ALS, increase LNAV/VNAV all Cats and LNAV Cat C and D visibility to 1⅞ SM.

MALSR

MISSED APPROACH: Climb to 2500 direct WONAN and on track 130° to CALIF and hold.

ATIS	CINCINNATI APP CON	LUNKEN TOWER ★	GND CON	CLNC DEL	CLNC DEL	UNICOM
123.6	121.0 254.25	118.7 (CTAF) L 257.8	121.9	121.9	124.9 (When twr closed)	122.95



CATEGORY	A	B	C	D
LPV DA	797/50 322 (400-1)			
LNAV/VNAV DA	1160-1½ 685 (700-1½)			
LNAV MDA	1160/50 685 (700-1)		1160-1½ 685 (700-1½)	
CIRCLING	1260-1 778 (800-1)	1360-1¼ 878 (900-1¼)	1360-2½ 878 (900-2½)	1420-3 938 (1000-3)

REIL Rwy 3
HIRL Rwy 3-21 L
MIRL Rwy 7-25

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

CINCINNATI, OHIO AL-83 (FAA) 25163

WAAS	APP CRS	Rwy Ldg	5127
CH 86701	246°	TDZE	478
W25A		Apt Elev	482

RNAV (GPS) RWY 25

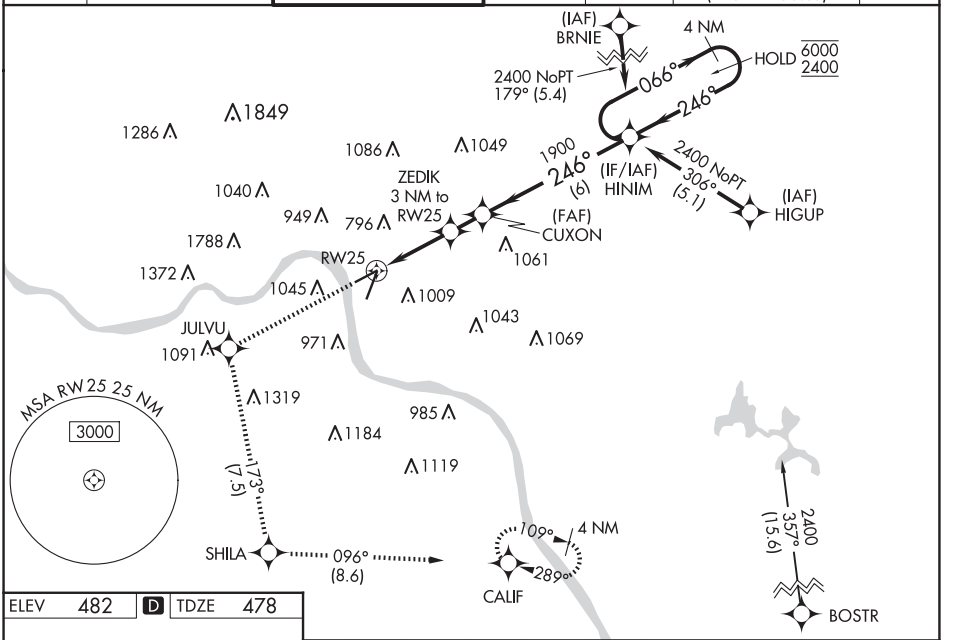
CINCINNATI MUNI/LUNKEN FLD (LUK)

RNP APCH - GPS.

Baro-VNAV and VDP NA when using CVG altimeter setting. Rwy 25 helicopter visibility reduction below ¾ SM NA. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -15°C or above 54°C. When local altimeter setting not received, use CVG altimeter setting and increase LPV DA to 961 feet, all visibilities ⅛ SM; increase LNAV/VNAV DA to 1248 feet; increase all MDAs 100 feet, LNAV Cat B visibility ¼ SM, and LNAV Cat C/D visibility ½ SM.

MISSED APPROACH: Climb to 2500 direct JULVU and on track 173° to SHILA and on track 096° to CALIF and hold, continue climb-in-hold to 2600.

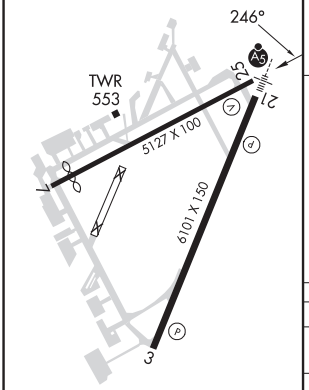
ATIS	CINCINNATI APP CON	LUNKEN TOWER ★	GND CON	CLNC DEL	CLNC DEL	UNICOM
123.6	121.0 254.25	118.7 (CTAF) L 257.8	121.9	121.9	124.9 (when twr closed)	122.95



EC-2, 12 JUN 2025 to 07 AUG 2025

EC-2, 12 JUN 2025 to 07 AUG 2025

ELEV	482	D	TDZE	478

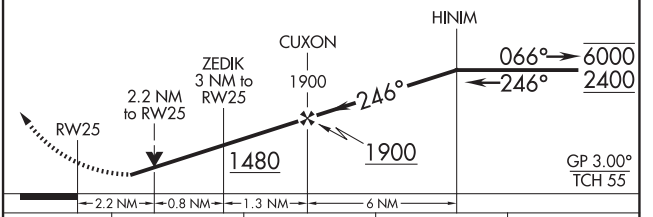


REIL Rwy 3
HIRL Rwy 3-21 L
MIRL Rwy 7-25

2500	JULVU	tr 173°	SHILA	tr 096°	CALIF

VGSI and RNAV glidepath not coincident (VGSI Angle 3.00/TCH 40).

4 NM Holding Pattern



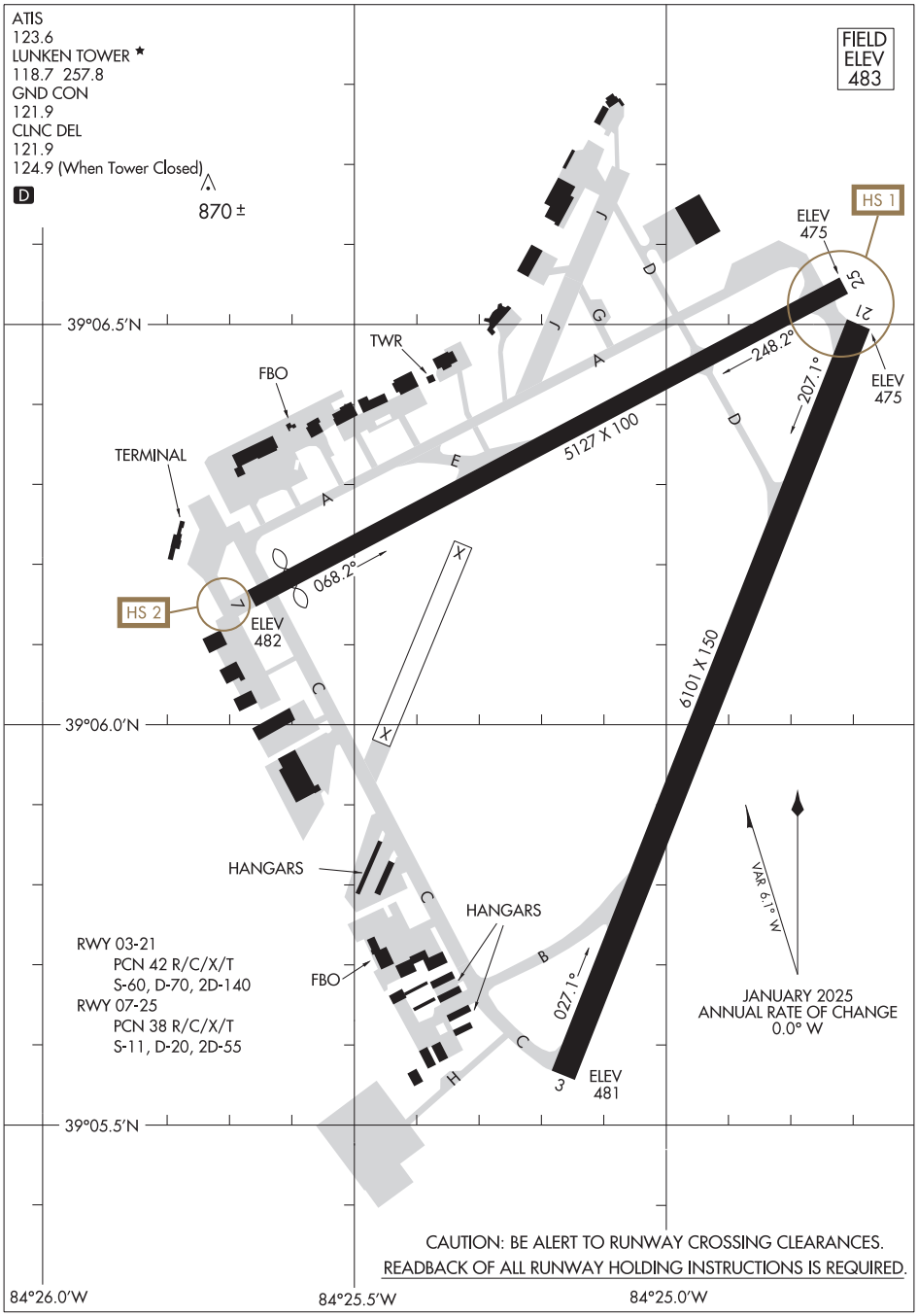
CATEGORY	A	B	C	D
LPV DA	875-1¼ 397 (400-1¼)			
LNAV/VNAV DA	1162-2½ 684 (700-2½)			
LNAV MDA	1160-1 682 (700-1)		1160-2 682 (700-2)	

CINCINNATI, OHIO
Amdt 1D 12JUN25

39°06'N-84°25'W

CINCINNATI MUNI/LUNKEN FLD (LUK)

RNAV (GPS) RWY 25



EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

(UCEEE2.UCEEE) 24305

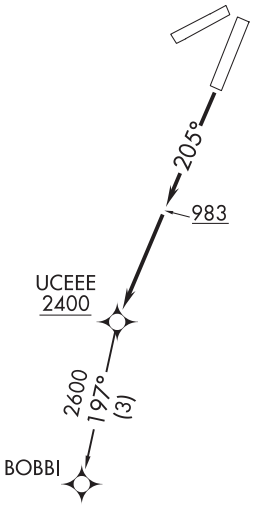
UCEEE TWO DEPARTURE (RNAV)

CINCINNATI MUNI/LUNKEN FLD (LUK)
AL-83 (FAA)
CINCINNATI, OHIO

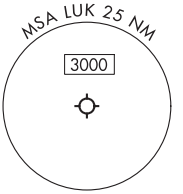
CINCINNATI DEP CON
121.0 254.25
ATIS 123.6
CLNC DEL
121.9
CLNC DEL
124.9 (When twr closed)
GND CON
121.9
LUNKEN TOWER ★
118.7 (CTAF) 257.8

RNAV 1 - DME/DME/IRU or GPS.
RADAR required for non-GPS equipped aircraft.

TOP ALTITUDE: 2500



TAKEOFF MINIMUMS
Rwy 21: Standard with minimum climb of 439'/NM to 1000.



NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 21: Climb on heading 205° to 983, then direct to cross UCEEE at or above 2400, thence....

....on (transition). Maintain 2500. Expect filed altitude 10 minutes after departure.

BOBBI TRANSITION (UCEEE2.BOBBI):

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

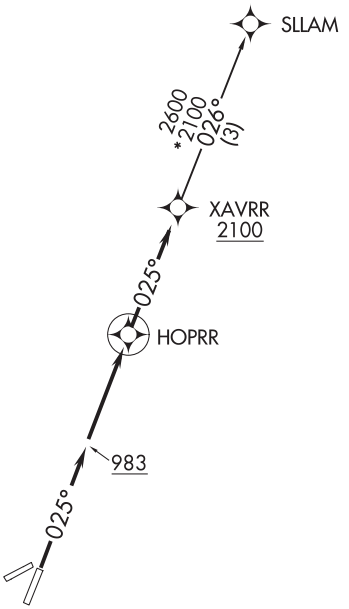
XAVRR TWO DEPARTURE (RNAV)

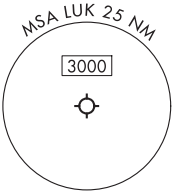
AL-83 (FAA)

CINCINNATI DEP CON
121.0 254.25
ATIS 123.6
CLNC DEL
121.9
CLNC DEL
124.9 (When twr closed)
GND CON
121.9
LUNKEN TOWER ★
118.7 (CTAF) 257.8

RNAV 1 - DME/DME/IRU or GPS.
RADAR required for non-GPS equipped aircraft.

TOP ALTITUDE: 2500





TAKEOFF MINIMUMS
Rwy 3: Standard with minimum climb of 384'/NM to 1100.

NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 3: Climb on heading 025° to 983, then direct HOPRR, then on track 025° to cross XAVRR at or above 2100, thence....

....on (transition). Maintain 2500, expect filed altitude 10 minutes after departure.

SLLAM TRANSITION (XAVRR2.SLLAM):

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

CIRCLEVILLE, OHIO AL-5995 (FAA) 23278

APP CRS	Rwy Idg	4346
008°	TDZE	678
	Apt Elev	685

RNAV (GPS) RWY 1

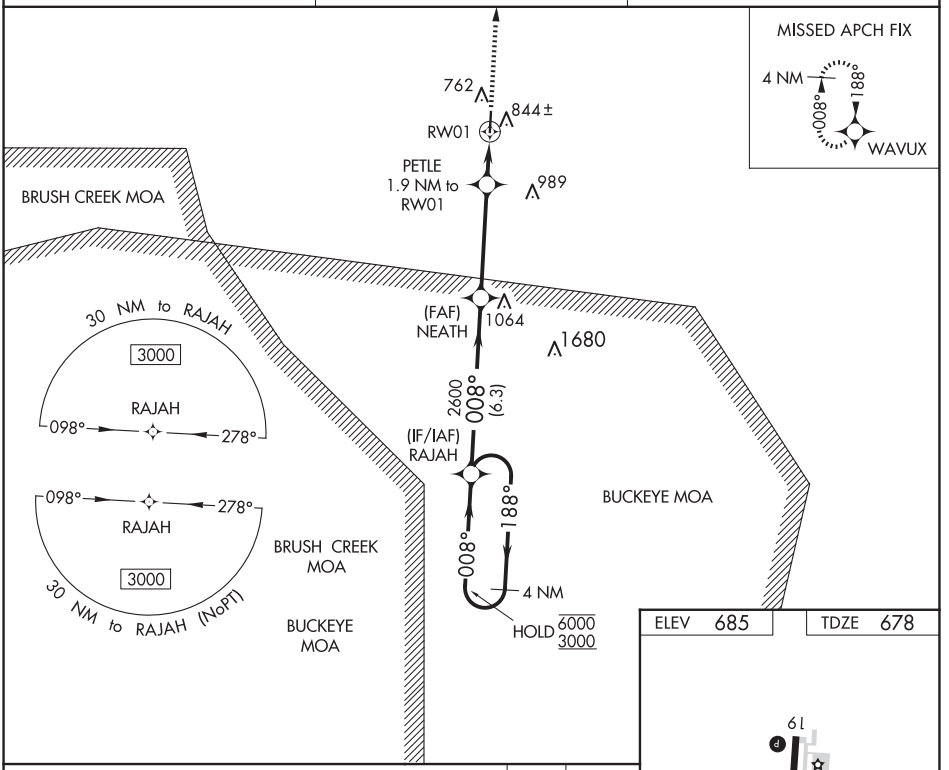
PICKAWAY COUNTY MEML (CYO)

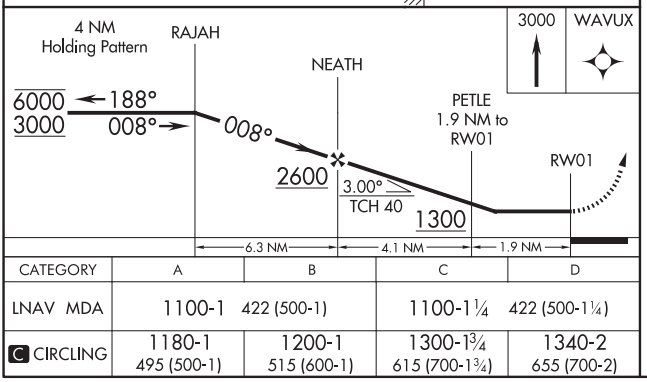
RNP APCH.

Use Chillicothe altimeter setting, when not received use Rickenbacker Intl altimeter setting and increase all MDAs 60 feet, and Cats C and D visibility ¼ SM. Rwy 1 helicopter visibility reduction below 1 SM NA. Straight-In and Circling Rwy 1 NA at night.

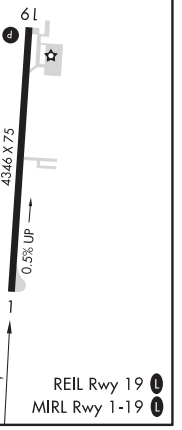
MISSED APPROACH: Climb to 3000 direct WAVUX and hold.

RZT AWOS-3	COLUMBUS APP CON	UNICOM
119.225	134.0 279.6	122.7 (CTAF) L





ELEV 685 TDZE 678



CATEGORY	A	B	C	D
LNAV MDA	1100-1 422 (500-1)		1100-1¼ 422 (500-1¼)	
C CIRCLING	1180-1 495 (500-1)	1200-1 515 (600-1)	1300-1¾ 615 (700-1¾)	1340-2 655 (700-2)

CIRCLEVILLE, OHIO
Orig-A 20JUN19

39°31'N-82°59'W

PICKAWAY COUNTY MEML (CYO)

RNAV (GPS) RWY 1

EC-2, 12 JUN 2025 to 07 AUG 2025

EC-2, 12 JUN 2025 to 07 AUG 2025

WAAS	APP CRS	Rwy Idg	4346
CH 87038	188°	TDZE	685
W19A		Apt Elev	685

RNAV (GPS) RWY 19

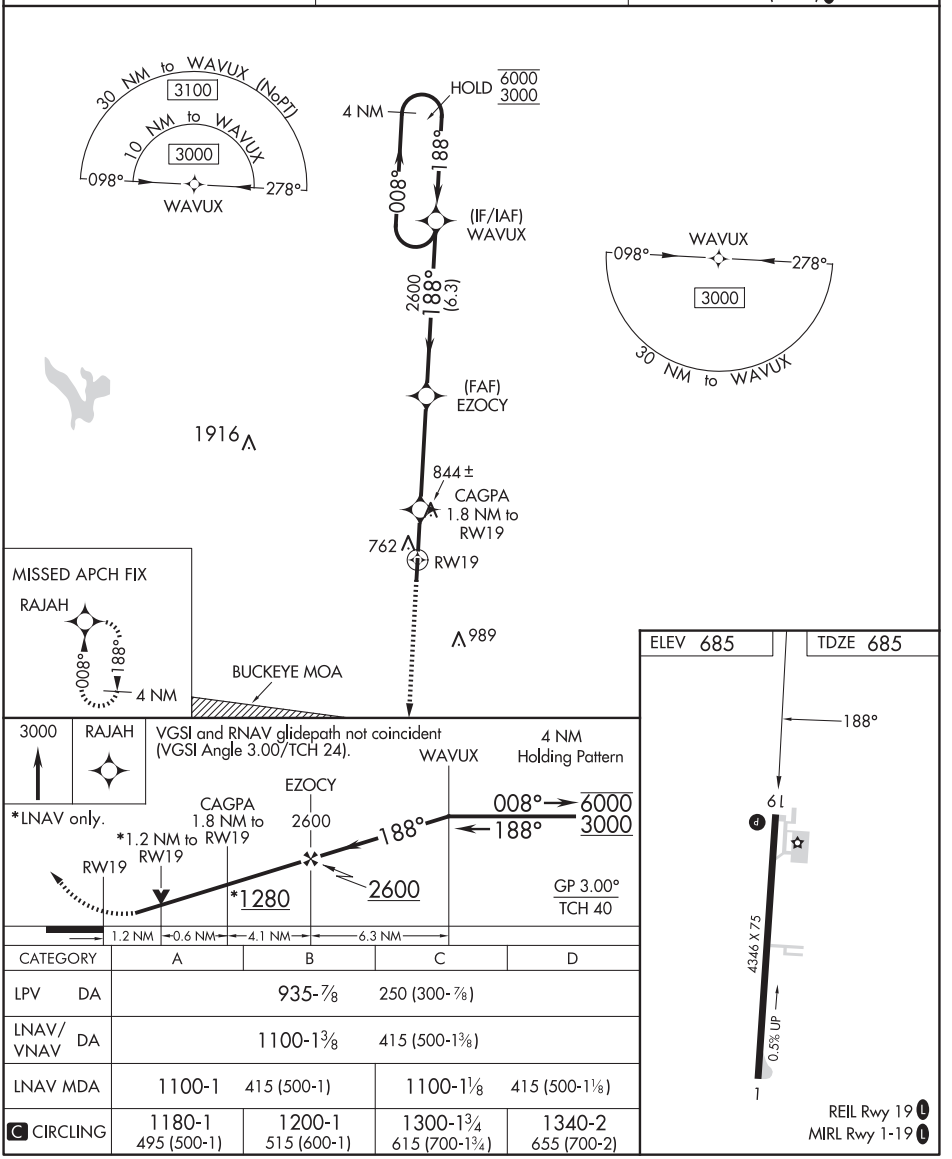
PICKAWAY COUNTY MEML (CYO)

RNP APCH.

T A Baro-VNAV and VDP NA when using Rickenbacker Intl altimeter setting. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -18°C or above 54°C. Use Chillicothe altimeter setting, when not received use Rickenbacker Intl altimeter setting and increase LPV DA to 985 feet, LNAV/VNAV DA to 1150 feet, and all visibilities ¼ SM. Increase all MDAs 60 feet and Cats C and D visibility ¼ SM. Circling Rwy 1 NA at night. Rwy 19 helicopter visibility reduction below ¾ SM NA.

MISSED APPROACH: Climb to 3000 direct RAJAH and hold.

RZT AWOS-3	COLUMBUS APP CON	UNICOM
119.225	134.0 279.6	122.7 (CTAF) L



CATEGORY	A	B	C	D
LPV DA	935-⅞		250 (300-⅞)	
LNAV/VNAV DA	1100-1⅜		415 (500-1⅜)	
LNAV MDA	1100-1	415 (500-1)	1100-1⅛	415 (500-1⅛)
C CIRCLING	1180-1 495 (500-1)	1200-1 515 (600-1)	1300-1¾ 615 (700-1¾)	1340-2 655 (700-2)

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

CIRCLEVILLE, OHIO AL-5995 (FAA) 23278

VOR XUB	APP CRS	Rwy Idg	4346
112.5	165°	TDZE	685
		Apt Elev	685

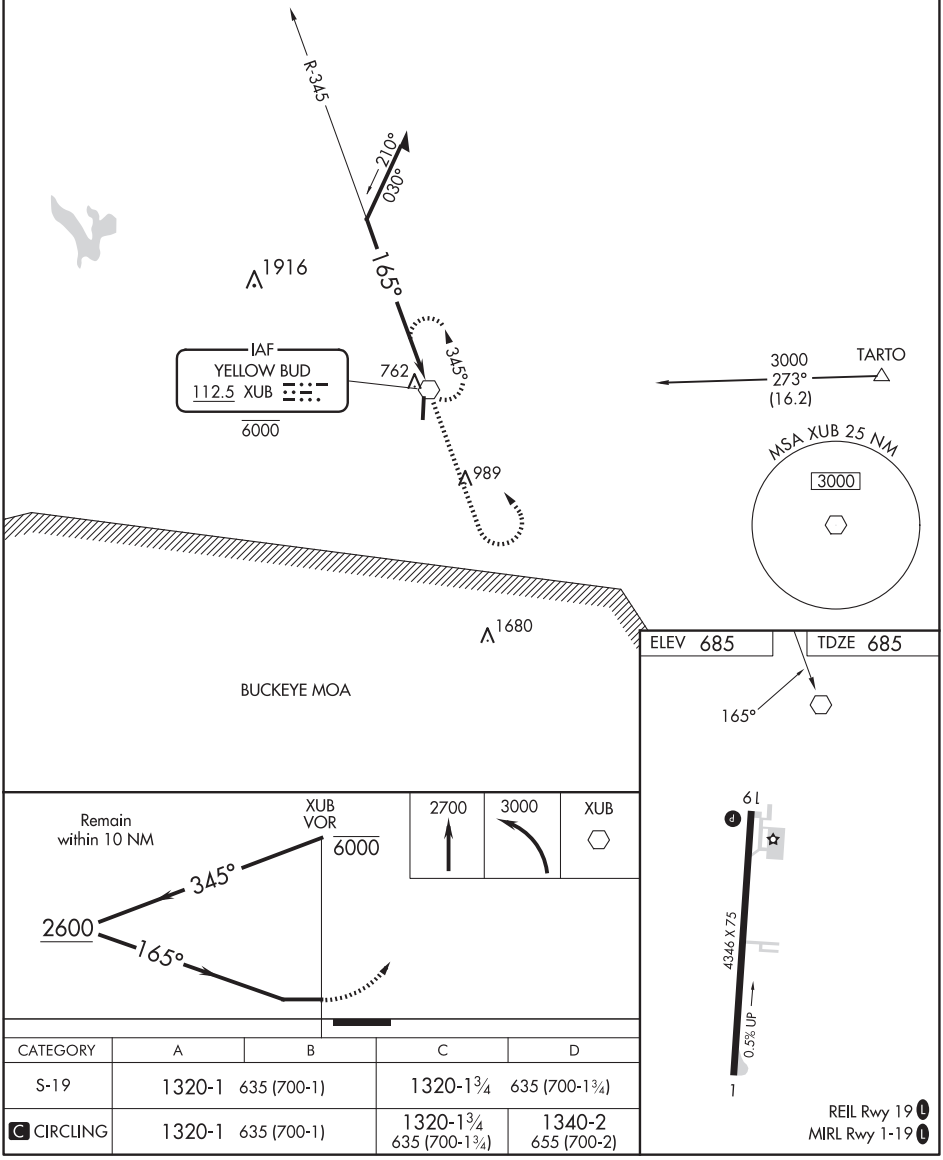
VOR RWY 19

PICKAWAY COUNTY MEML (CYO)

Use Chillicothe altimeter setting, when not received use Rickenbacker Intl altimeter setting and increase all MDAs 60 feet and Cats C and D visibility ¼ SM. Circling Rwy 1 NA at night. Rwy 19 helicopter visibility reduction below ¾ SM NA.

MISSED APPROACH: Climb to 2700 then climbing left turn to 3000 direct XUB VOR and hold.

RZT AWOS-3	COLUMBUS APP CON	UNICOM
119.225	134.0 279.6	122.7 (CTAF) L



CATEGORY	A	B	C	D
S-19	1320-1	635 (700-1)	1320-1¾	635 (700-1¾)
C CIRCLING	1320-1	635 (700-1)	1320-1¾ 635 (700-1¾)	1340-2 655 (700-2)

REIL Rwy 19 L
MIRL Rwy 1-19 L

EC-2, 12 JUN 2025 to 07 AUG 2025

EC-2, 12 JUN 2025 to 07 AUG 2025

CIRCLEVILLE, OHIO
Amdt 3A 20JUN19

39°31′N - 82°59′W

ILS or LOC RWY 24R

BURKE LAKEFRONT (BKL)

LOC/DME I-BFT	APP CRS		24R	24L
109.75	245°	Rwy Idg	6003	5197
Chan 34 (Y)		TDZE	583	584
		Apt Elev	584	584

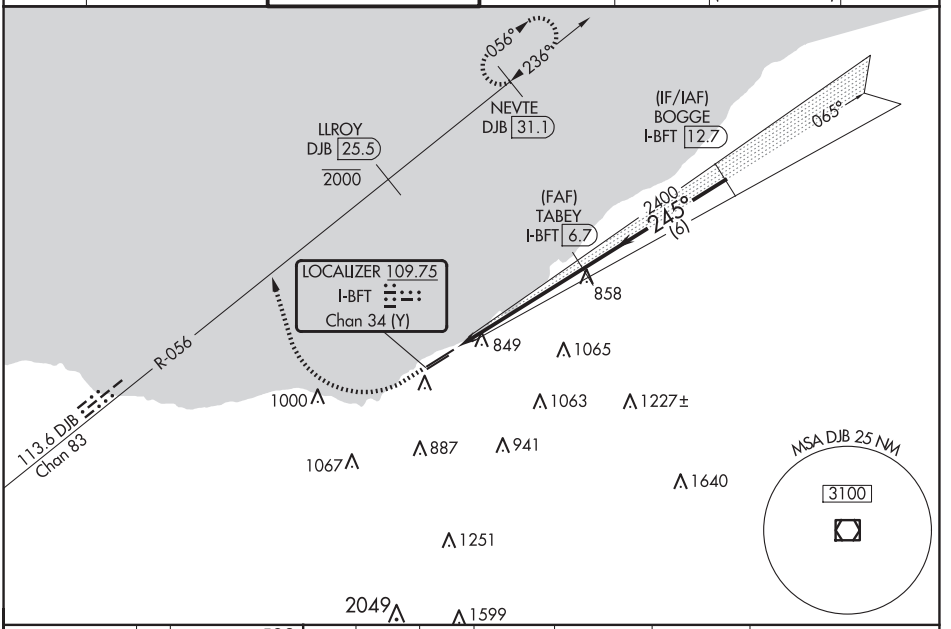
DME required. RADAR required for procedure entry.

Circling Rwy 6R NA at night. Rwy 24R helicopter visibility reduction below ¾ SM NA. Circling NA southeast of Rwy 6R-24L. S-ILS minimums NA when control tower closed.

MALSF

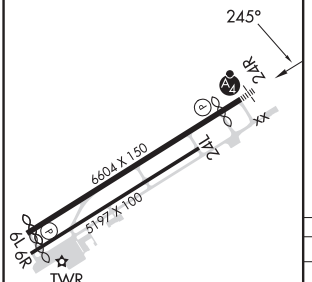
MISSED APPROACH: Climb to 1120 then climbing right turn heading 350° and DJB VOR/DME R-056 to cross LLROY/DJB 25.5 DME at or below 2000 then climb to 3000 on DJB VOR/DME R-056 northeast course to NEVTE/DJB 31.1 DME and hold.

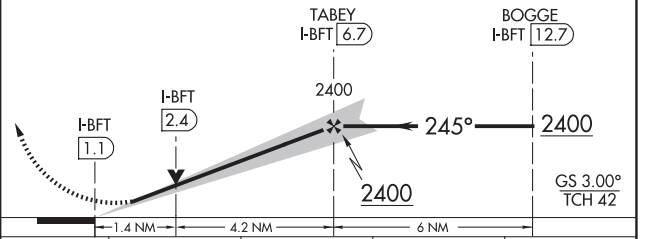
ATIS	CLEVELAND APP CON	LAKEFRONT TOWER ★	GND CON	CLNC DEL	CLNC DEL	UNICOM
125.25	125.35 346.325	124.3 (CTAF) L 339.8	121.9 339.8	339.8	121.9 (when twr closed)	122.95 L



ELEV 584	D	TDZE 24R 583	TDZE 24L 584

1120	hdg 350°	DJB R-056	LLROY DJB 25.5 2000	3000 DJB R-056 NE crs	NEVTE DJB 31.1





CATEGORY	A	B	C	D
S-ILS 24R	916-¾ 333 (400-¾)			
S-LOC 24R	1060-¾ 477 (500-¾)		1060-1⅛ 477 (500-1⅛)	
SIDESTEP 24L	1060-1 476 (500-1)		1060-1½ 476 (500-1½)	1060-2 476 (500-2)
CIRCLING	1060-1 476 (500-1)		1140-1½ 556 (600-1½)	1200-2 616 (700-2)

REIL Rwy 6L L
REIL Rwy 24L
HIRL Rwy 6L-24R L
HIRL Rwy 6R-24L

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

CLEVELAND, OHIO | AL-5370 (FAA) | 24081

RNAV (GPS) RWY 24R

BURKE LAKEFRONT (BKL)

WAAS	APP CRS	Rwy Idg	6003
CH 77621	265°	TDZE	583
W24A		Apt Elev	584

RNP APCH.

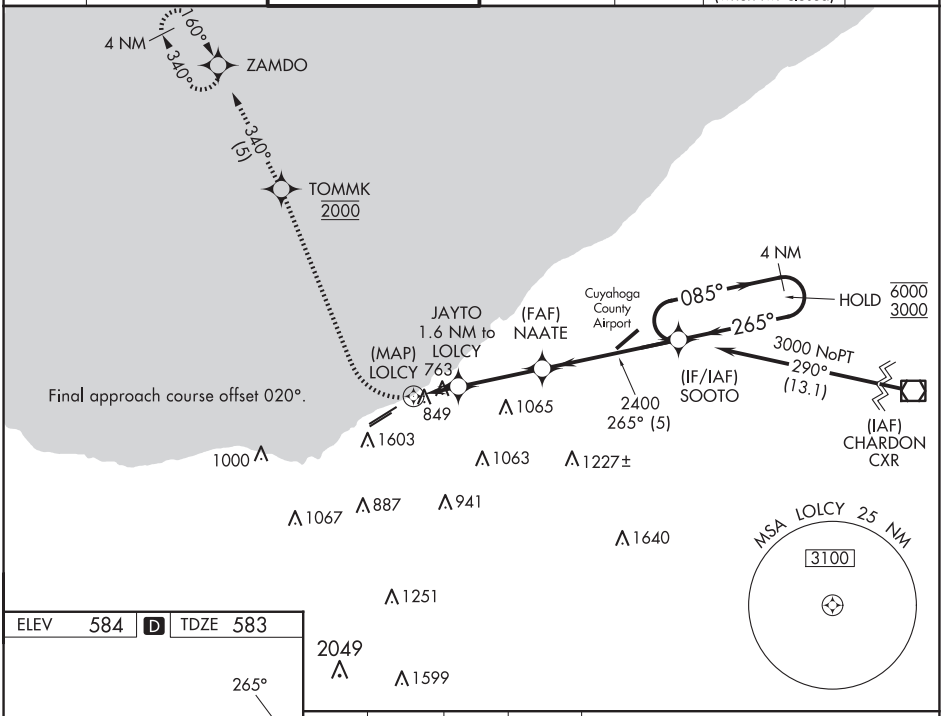
T Circling Rwy 6R NA at night.

A Rwy 24R helicopter visibility reduction below ¾ SM NA.
Circling NA SE of Rwy 6R and 24L.
For inop ALS, increase LNAV Cat C/D visibility to 1⅜ SM.

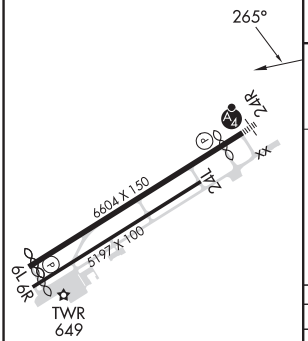
MALSF

MISSED APPROACH: Climbing right turn direct TOMMK, cross TOMMK at 2000, then climb to 3000 on track 340° to ZAMDO and hold.

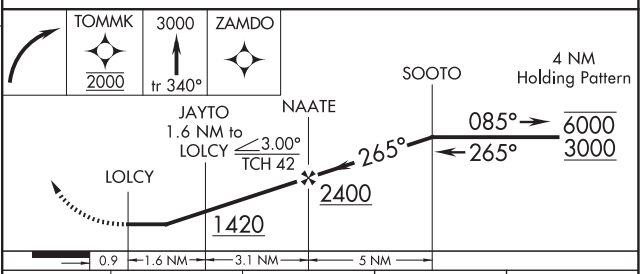
ATIS	CLEVELAND APP CON	LAKEFRONT TOWER ★	GND CON	CLNC DEL	CLNC DEL	UNICOM
125.25	125.35 346.325	124.3 (CTAF) L 339.8	121.9 339.8	339.8	121.9 (when twr closed)	122.95 L



ELEV 584 D TDZE 583



REIL Rwy 6L L
REIL Rwy 24L
HIRL Rwy 6L-24R L
HIRL Rwy 6R-24L



CATEGORY	A	B	C	D
LP MDA	1020-¾ 437 (500-¾)		1020-1 437 (500-1)	
LNAV MDA	1100-¾ 517 (600-¾)		1100-1¼ 517 (600-1¼)	
C CIRCLING	1100-1 516 (600-1)		1140-1½ 556 (600-1½)	1200-2 616 (700-2)

CLEVELAND, OHIO
Amdt 1 12AUG21

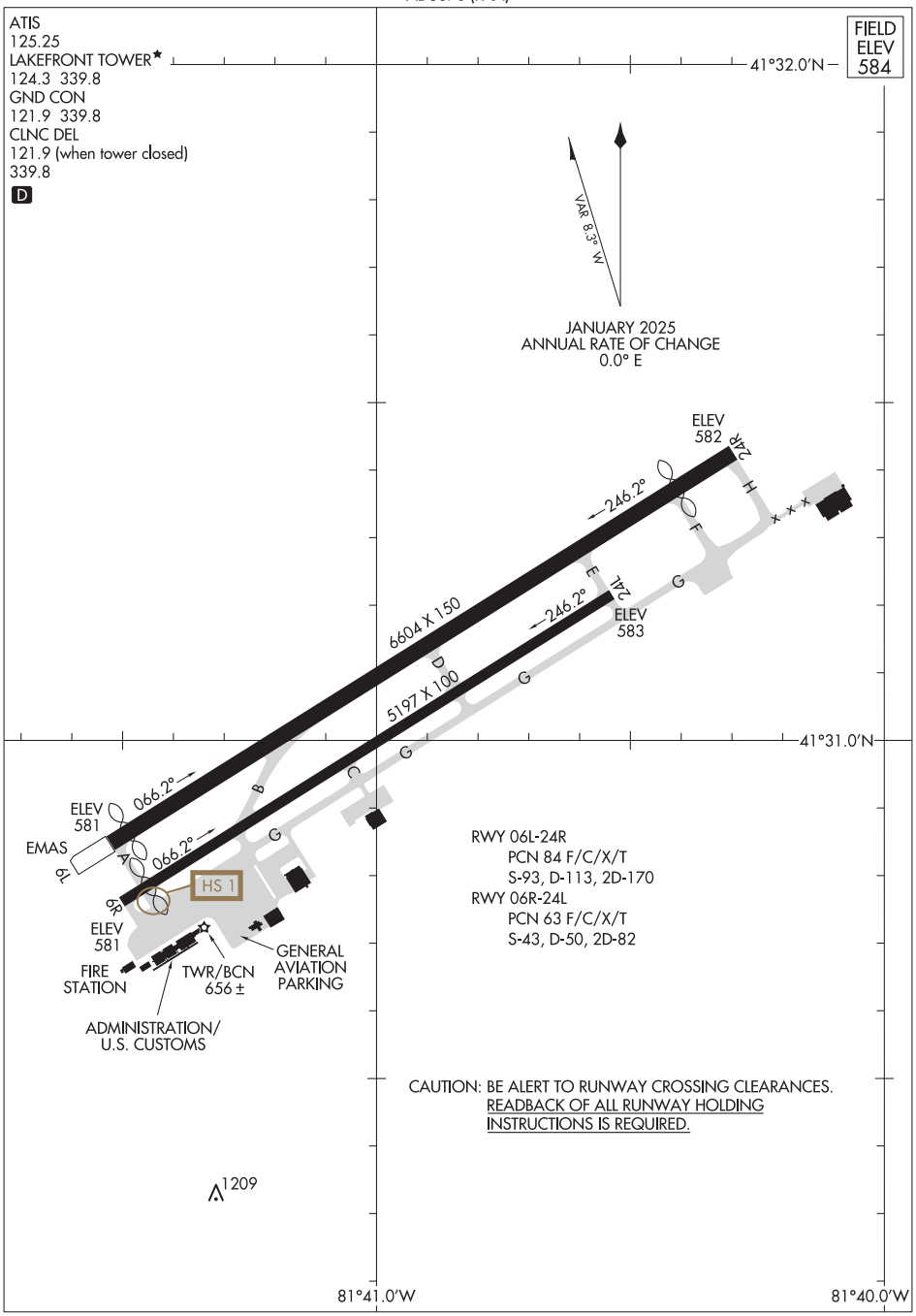
41°31′N-81°41′W

BURKE LAKEFRONT (BKL)

RNAV (GPS) RWY 24R

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

AL-5370 (FAA)



EC-2, 12 JUN 2025 to 07 AUG 2025

(AHMET4.KKIDS) 20086 AL-5370 (FAA)

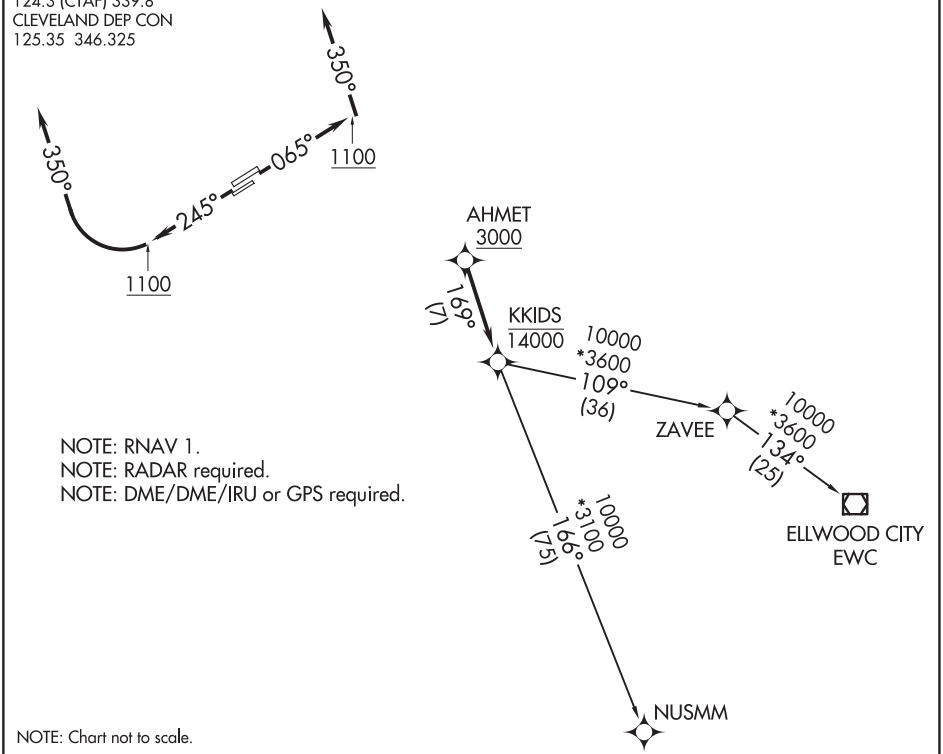
AHMET FOUR DEPARTURE (RNAV)

BURKE LAKEFRONT (BKL)
CLEVELAND, OHIO

ATIS
125.25
CLNC DEL
339.8
121.9 (when tower closed)
GND CON
121.9 339.8
LAKEFRONT TOWER ★
124.3 (CTAF) 339.8
CLEVELAND DEP CON
125.35 346.325

TOP ALTITUDE: ASSIGNED BY ATC

TAKEOFF MINIMUMS:
Rwys 6L/R, 24R: Standard with minimum climb of 500′ per NM to 1100.
Rwy 24L: 400-1⅜ or standard with minimum climb of 757′ per NM to 1000.



NOTE: RNAV 1.
NOTE: RADAR required.
NOTE: DME/DME/IRU or GPS required.

NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAYS 6L/R: Climb on heading 065° to 1100, then on heading 350° or as assigned by ATC, maintain 2000 (do not climb above 2000) for RADAR vectors to cross AHMET at or above 3000, thence....
TAKEOFF RUNWAYS 24L/R: Climb on heading 245° to 1100, then right turn to heading 350° or as assigned by ATC, maintain 2000 (do not climb above 2000) for RADAR vectors to cross AHMET at or above 3000, thence....

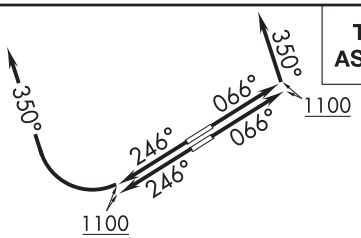
....on track 169° to cross KKIDS at or below 14000, then on (transition).
Maintain altitude assigned by ATC, expect filed altitude ten minutes after departure.

ELLWOOD CITY TRANSITION (AHMET4.EWC)
NUSMM TRANSITION (AHMET4.NUSMM)

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

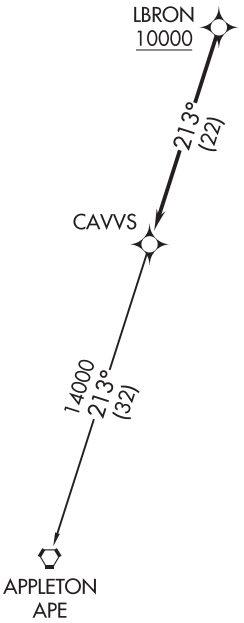
ATIS 125.25
CLNC DEL
339.8
121.9 (when tower closed)
GND CON 121.9 339.8
LAKEFRONT TOWER ★
124.3 (CTAF) 339.8
CLEVELAND DEP CON
125.35 346.325

TOP ALTITUDE: ASSIGNED BY ATC



NOTE: RADAR required.
NOTE: RNAV 1.
NOTE: DME/DME/IRU or GPS required.

TAKEOFF MINIMUMS:
Rwys 6L/R, 24R: Standard with a minimum climb of 500′ per NM to 1100.
Rwy 24L: 400-1⅜ or standard with minimum climb of 757′ per NM to 1000.



NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAYS 6L/R: Climb on heading 066° to 1100, then on heading 350° or as assigned by ATC, maintain 2000 (do not climb above 2000) for RADAR vectors to cross LBRON at or above 10000, thence....
TAKEOFF RUNWAYS 24L/R: Climb on heading 246° to 1100, then right turn heading 350° or as assigned by ATC, maintain 2000 (do not climb above 2000) for RADAR vectors to cross LBRON at or above 10000, thence....

....on track 213° to CAVVS, then on (transition). Maintain altitude assigned by ATC, expect filed altitude ten minutes after departure.

APPLETON TRANSITION (CAVVS4.APE)

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

GTLKE FOUR DEPARTURE (RNAV)

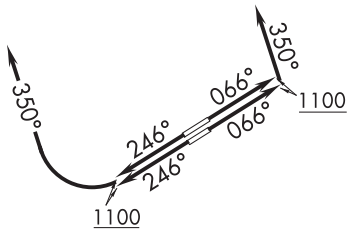
(GTLKE4.GTLKE) 26MAR20

CLEVELAND, OHIO
BURKE LAKEFRONT (BKL)

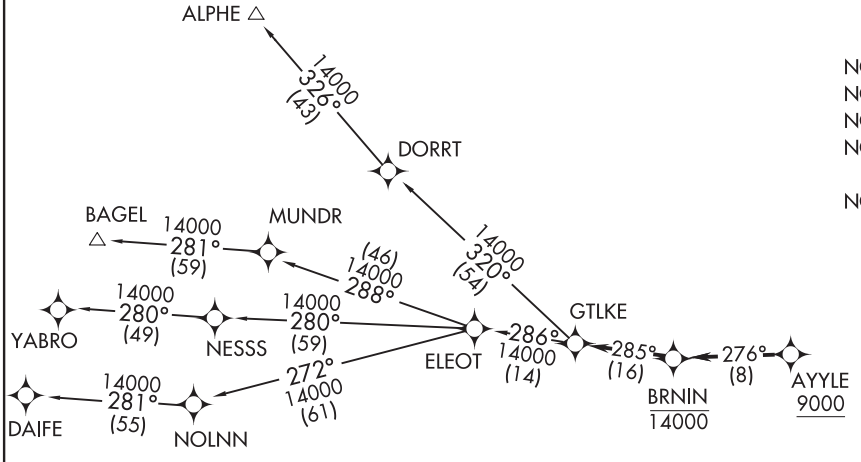
ATIS
125.25
CLNC DEL
339.8
121.9 (when tower closed)
GND CON
121.9 339.8
LAKEFRONT TOWER ✱
124.3 (CTAF) 339.8
CLEVELAND DEP CON
125.35 346.325

TAKEOFF MINIMUMS:
Rwys 6L/R, 24R: Standard with a minimum climb of 500′ per NM to 1100.
Rwy 24L: 400-1⅜ or standard with a minimum climb of 757′ per NM to 1000.

TOP ALTITUDE: ASSIGNED BY ATC



NOTE: RADAR required.
NOTE: RNAV 1.
NOTE: DME/DME/IRU or GPS required.
NOTE: BAGEL TRANSITION: For aircraft landing MDW only, or as assigned by ATC.
NOTE: DAIFE TRANSITION: For aircraft landing ORD only, or as assigned by ATC.



NOTE: Chart not to scale.

(NARRATIVE ON FOLLOWING PAGE)

GTLKE FOUR DEPARTURE (RNAV)

(GTLKE4.GTLKE) 20086

AL-5370 (FAA)

BURKE LAKEFRONT (BKL)
CLEVELAND, OHIO

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAYS 6L/R: Climb on heading 066° to 1100, then on heading 350° or as assigned by ATC, maintain 2000 (do not climb above 2000) for RADAR vectors to cross AYYLE at or above 9000, thence....
TAKEOFF RUNWAYS 24L/R: Climb on heading 246° to 1100, then right turn heading 350° or as assigned by ATC, maintain 2000 (do not climb above 2000) for RADAR vectors to cross AYYLE at or above 9000, thence....

....on track 276° to cross BRNIN at or below 14000, then on track 285° to GTLKE then on (transition). Maintain ATC assigned altitude, expect filed altitude 10 minutes after departure.

ALPHE TRANSITION (GTLKE4.ALPHE)
BAGEL TRANSITION (GTLKE4.BAGEL)
DAIFE TRANSITION (GTLKE4.DAIFE)
YABRO TRANSITION (GTLKE4.YABRO)

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

(MYCAR4.MYCAR) 20086 AL-5370 (FAA)

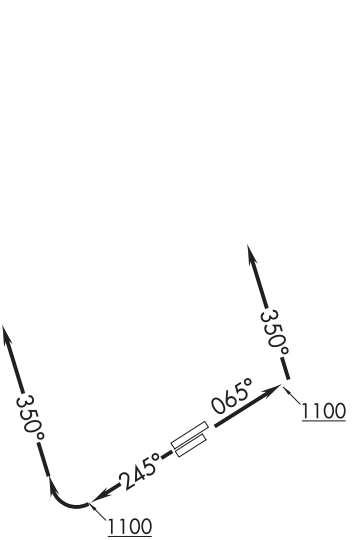
MYCAR FOUR DEPARTURE (RNAV)

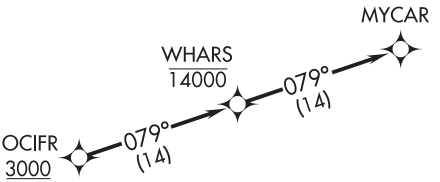
BURKE LAKEFRONT (BKL)
CLEVELAND, OHIO

TOP ALTITUDE: ASSIGNED BY ATC

ATIS
125.25
CLNC DEL
339.8
121.9 (when tower closed)
GND CON
121.9 339.8
LAKEFRONT TOWER ★
124.3 (CTAF) 339.8
CLEVELAND DEP CON
125.35 346.325

NOTE: RNAV 1.
NOTE: RADAR required.
NOTE: DME/DME/IRU or GPS required.





TAKEOFF MINIMUMS:
Rwys 6L, 6R, 24R: Standard with minimum climb of 500' per NM to 1100.
Rwy 24L: 400-1⅜ or standard with minimum climb of 757' per NM to 1000.

NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAYS 6L/R: Climb on heading 065° to 1100, then on heading 350° or as assigned by ATC, maintain 2000 (do not climb above 2000) for RADAR vectors to cross OCIFR at or above 3000, thence....
TAKEOFF RUNWAYS 24L/R: Climb on heading 245° to 1100, then right turn on heading 350° or as assigned by ATC, maintain 2000 (do not climb above 2000) for RADAR vectors to cross OCIFR at or above 3000, thence....

....on track 079° to cross WHARS at or below 14000, then on track 079° to MYCAR. Maintain altitude assigned by ATC, expect filed altitude ten minutes after departure.

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

ZAAPA FIVE DEPARTURE (RNAV)

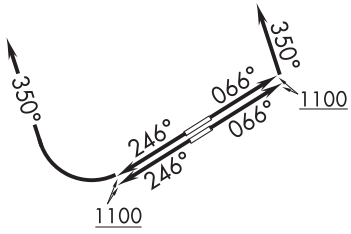
(ZAAPA5.ZAAPA) 26MAR20

CLEVELAND, OHIO
BURKE LAKEFRONT (BKL)

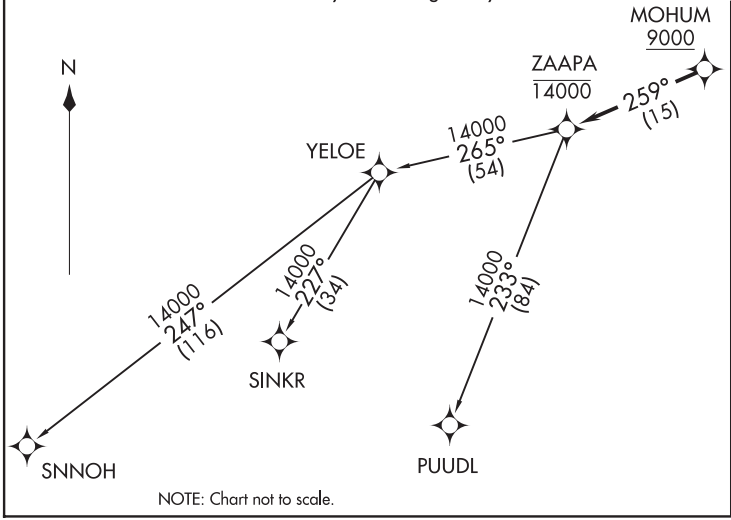
ATIS
125.25
CLNC DEL
339.8
121.9 (when tower closed)
GND CON
121.9 339.8
LAKEFRONT TOWER ★
124.3 (CTAF) 339.8
CLEVELAND DEP CON
125.35 346.325

TOP ALTITUDE: ASSIGNED BY ATC

TAKEOFF MINIMUMS:
Rwys 6L/R, 24R: Standard with a minimum climb of 500′ per NM to 1100.
Rwy 24L: 400-1⅜ or standard with minimum climb of 757′ per NM to 1000.



NOTE: RADAR required.
NOTE: RNAV 1.
NOTE: DME/DME/IRU or GPS required.
NOTE: PUUDL TRANSITION: For aircraft at or below FL220 only or as assigned by ATC.



DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 6L/R: Climb on heading 066° to 1100, then on heading 350° or as assigned by ATC, maintain 2000 (do not climb above 2000) for RADAR vectors to cross MOHUM at or above 9000, thence....
TAKEOFF RUNWAY 24L/R: Climb on heading 246° to 1100, then right turn heading 350° or as assigned by ATC, maintain 2000 (do not climb above 2000) for RADAR vectors to cross MOHUM at or above 9000, thence....

....on track 259° to cross ZAAPA at or below 14000, then on (transition). Maintain ATC assigned altitude, expect filed altitude ten minutes after departure.

PUUDL TRANSITION (ZAAPA5.PUUDL)
SINKR TRANSTIION (ZAAPA5.SINKR)
SNNOH TRANSITION (ZAAPA5.SNNOH)

ZAAPA FIVE DEPARTURE (RNAV)

(ZAAPA5.ZAAPA) 20086

AL-5370 (FAA)

BURKE LAKEFRONT (BKL)
CLEVELAND, OHIO

CLEVELAND, OHIO | AL-84 (FAA) | 24305

ILS or LOC RWY 6L

CLEVELAND-HOPKINS INTL (CLE)

LOC/DME I-LIZ	APP CRS	Rwy Idg	6L	6R
111.55	058°	TDZE	9000	8029
Chan 52 (Y)		Apt Elev	773	777
			799	799

From GROHL, HICKR, and KWENE: RNAV 1-DME/DME/IRU or GPS required for procedure entry. Aircraft not DME/DME/IRU or GPS equipped - RADAR required for procedure entry. RNAV 1.

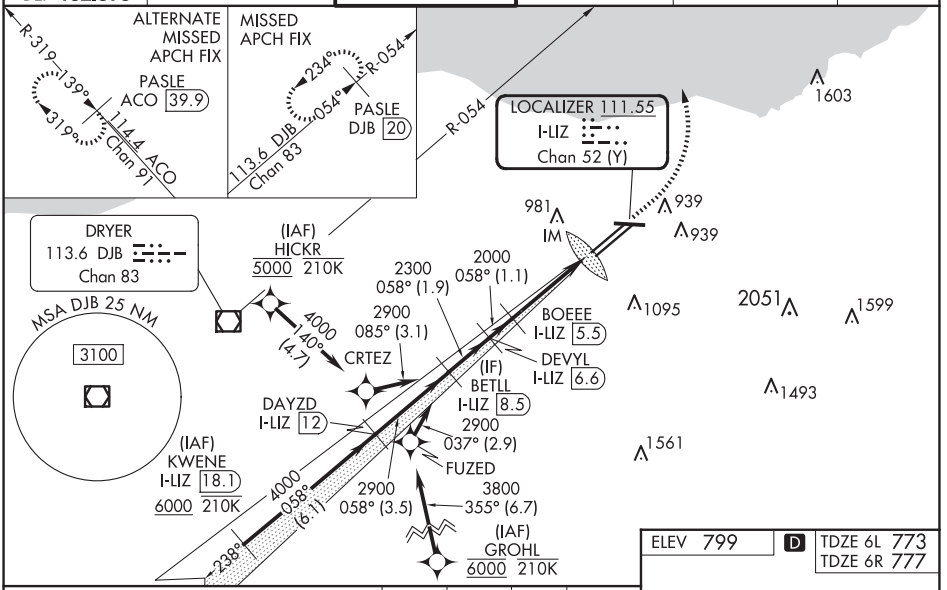
DME required.

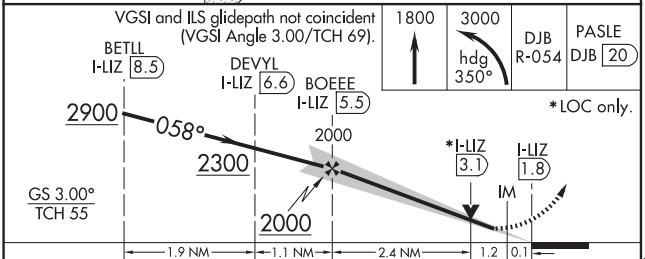
T Circling Rwy 10 NA at night. Simultaneous approach authorized. Simultaneous operations require use of vertical guidance; maintain last assigned altitude until established on glideslope. Inop table does not apply to Sidestep 6R. For inop ALS, increase S-LOC 6L Cats C/D visibility to 1⅜ SM.

Rwy 6L ALSF-2 (A) | Rwy 6R MALSR (A5)

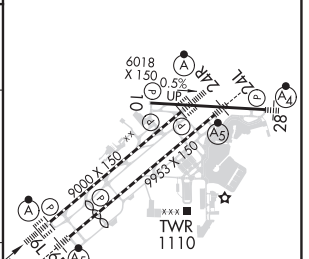
MISSED APPROACH: Climb to 1800 then climbing left turn to 3000 on heading 350° and DJB VOR/DME R-054 to PASLE/DJB 20 DME and hold.

D-ATIS	CLEVELAND APP CON	CLEVELAND TOWER	GND CON	CLNC DEL	CPDLC
ARR 127.85 DEP 132.375	126.55 346.325	124.5 273.45	121.7 273.45	125.05 273.45	





CATEGORY	A	B	C	D
S-ILS 6L		973/18	200 (200-½)	
S-LOC 6L	1260/24	487 (500-½)	1260/50	487 (500-1)
SIDESTEP 6R	1260/55	483 (500-1)	1260-1½ 483 (500-1½)	1260-2 483 (500-2)
C CIRCLING	1420-1	621 (700-1)	1420-1¾ 621 (700-1¾)	1420-2 621 (700-2)



REIL Rwy 10
TDZ/CL Rwy 6L, 6R, 24L, and 24R
HIRL Rwys 6L-24R, 6R-24L and 10-28

CLEVELAND, OHIO
Amdt 3 24MAY18

41°25'N-81°51'W

CLEVELAND-HOPKINS INTL (CLE)
ILS or LOC RWY 6L

EC-2, 12 JUN 2025 to 07 AUG 2025

ILS or LOC RWY 6R

CLEVELAND-HOPKINS INTL (CLE)

LOC/DME I-CLE	APP CRS		6R	6L
111.9	058°	Rwy Idg	8029	9000
Chan 56		TDZE	777	773
		Apt Elev	799	799

From GROHL, HICKR, and RUHSH: RNAV 1-DME/DME/IRU or GPS required for procedure entry. Aircraft not DME/DME/IRU or GPS equipped - RADAR required for procedure entry. RNAV 1.

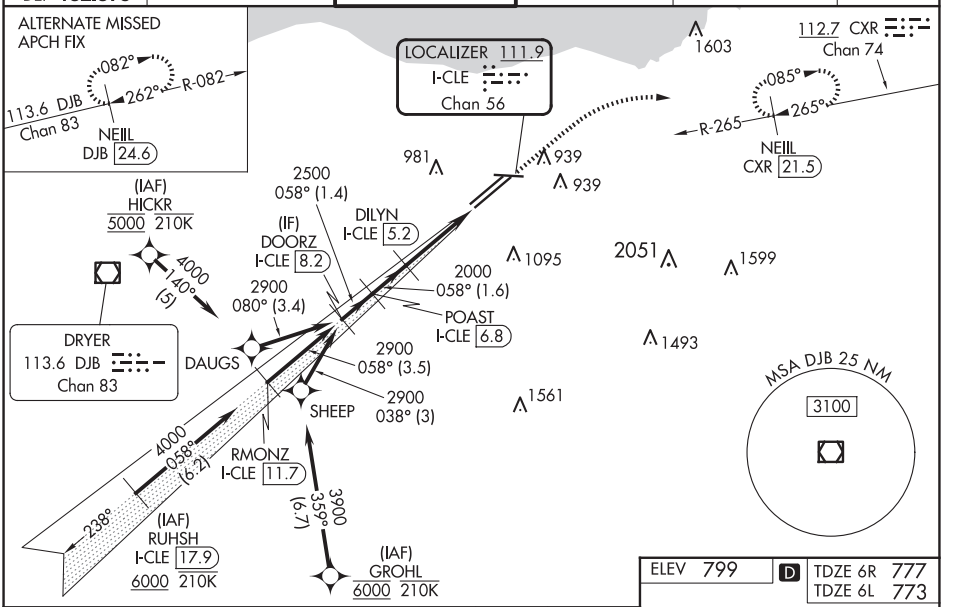
DME required.

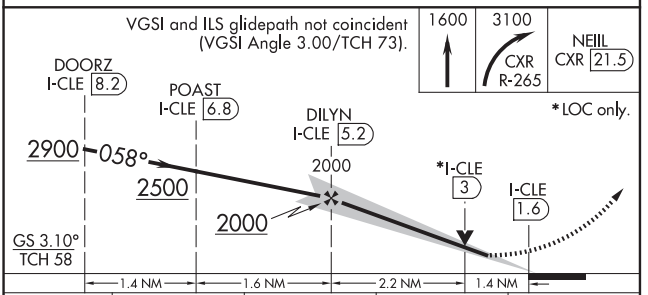
Circling Rwy 10 NA at night. Simultaneous approach authorized. Simultaneous operations require use of vertical guidance; maintain last assigned altitude until established on glideslope. Inop table does not apply to Sidestep 6L. For inop ALS, increase S-LOC 6R Cats C/D visibility to 1⅜ SM.

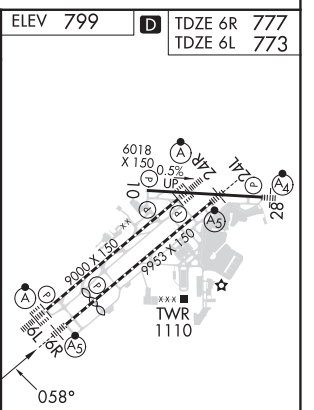
Rwy 6L ALSF-2 (A) | Rwy 6R MALSR (A5)

MISSED APPROACH: Climb to 1600 then climbing right turn to 3100 on CXR VOR/DME R-265 to NEIIL/CXR 21.5 DME and hold.

D-ATIS	CLEVELAND APP CON	CLEVELAND TOWER	GND CON	CLNC DEL	CPDLC
ARR 127.85 DEP 132.375	126.55 346.325	124.5 273.45	121.7 273.45	125.05 273.45	







CATEGORY	A	B	C	D
S-ILS 6R	977/18 200 (200-½)			
S-LOC 6R	1260/24 483 (500-½)		1260/50 483 (500-1)	
SIDESTEP 6L	1260/55 487 (500-1)		1260-1½ 487 (500-1½)	1260-2 487 (500-2)
C CIRCLING	1420-1 621 (700-1)		1420-1¾ 621 (700-1¾)	1420-2 621 (700-2)

REIL Rwy 10
TDZ/CL Rwy 6L, 6R, 24L and 24R
HIRL Rwys 6L-24R, 6R-24L and 10-28

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

CLEVELAND, OHIO

AL-84 (FAA)

24305

ILS or LOC RWY 24L

CLEVELAND-HOPKINS INTL (CLE)

LOC/DME I-HPI	APP CRS		24L	24R
109.9	238°	Rwy Idg	9953	9000
Chan 36		TDZE	786	780
		Apt Elev	799	799

DME required. Aircraft not DME/DME/IRU or GPS equipped - RADAR required for procedure entry. RNAV 1. From LLROY and BUDRW: RNAV 1-DME/DME/IRU or GPS required for procedure entry.

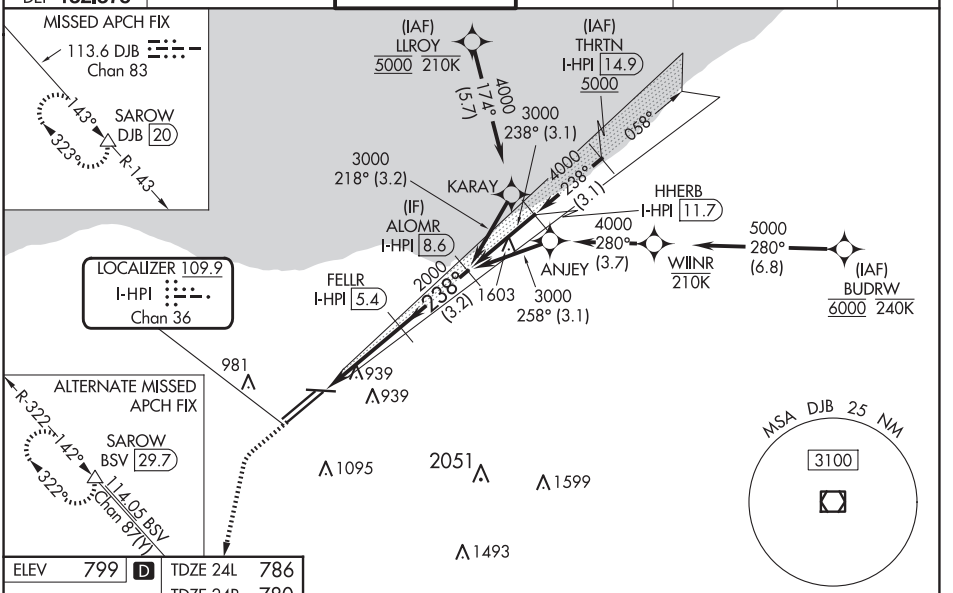
Circling Rwy 10 NA at night. Simultaneous approach authorized. Simultaneous operations require use of vertical guidance; maintain last assigned altitude until established on glideslope. Inop table does not apply to Sidestep 24R. For inop ALS, increase S-LOC 24L Cats C/D visibility to 1⅜ SM.

Rwy 24L MALSR (A5)

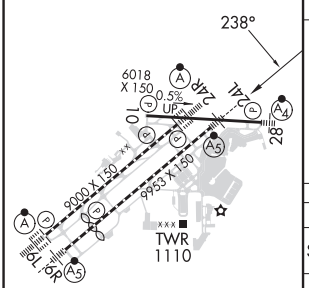
Rwy 24R ALSF-2 (A)

MISSED APPROACH: Climb to 1300 then climbing left turn to 3000 on heading 200° and DJB VOR/DME R-143 to SAROW/DJB 20 DME and hold.

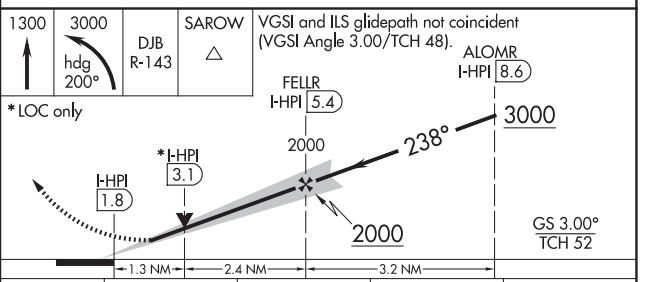
D-ATIS	CLEVELAND APP CON	CLEVELAND TOWER	GND CON	CLNC DEL	CPDLC
ARR 127.85 DEP 132.375	126.55 346.325	124.5 273.45	121.7 273.45	125.05 273.45	



ELEV 799 D	TDZE 24L 786
	TDZE 24R 780



REIL Rwy 10
TDZ/CL Rwys 6L, 6R, 24L, and 24R
HIRL Rwys 6L-24R, 6R-24L, and 10-28



CATEGORY	A	B	C	D
S-ILS 24L	986/18 200 (200-½)			
S-LOC 24L	1260/24 474 (500-½)		1260/50 474 (500-1)	
SIDESTEP 24R	1260/55 480 (500-1)		1260-1½ 480 (500-1½)	1260-2 480 (500-2)
C CIRCLING	1420-1 621 (700-1)		1420-1¾ 621 (700-1¾)	1420-2 621 (700-2)

EC-2, 12 JUN 2025 to 07 AUG 2025

EC-2, 12 JUN 2025 to 07 AUG 2025

ILS or LOC RWY 24R

CLEVELAND-HOPKINS INTL (CLE)

LOC/DME I-PVY	APP CRS		24R	24L
111.55	238°	Rwy Idg	9000	9956
Chan 52 (Y)		TDZE	780	786
		Apt Elev	799	799

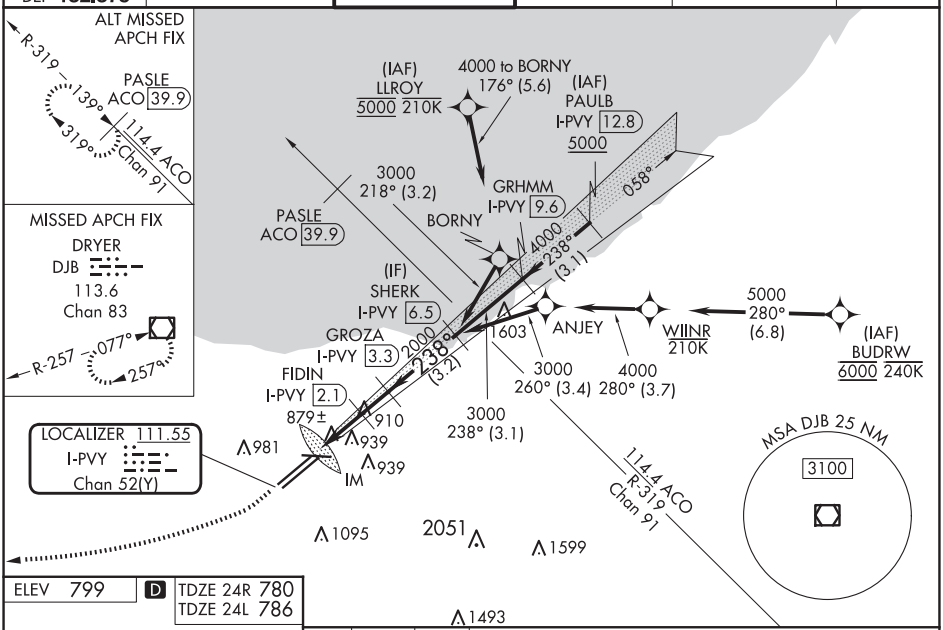
DME required. Aircraft not DME/DME/IRU or GPS equipped - RADAR required for procedure entry. RNAV 1. From LLROY and BUDRW: RNAV 1-DME/DME/IRU or GPS required for procedure entry.

Rwy 24L MALSR (A5) | Rwy 24R ALSF-2 (A)

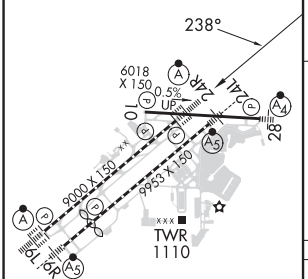
MISSED APPROACH: Climb to 1700 then climbing right turn to 3000 direct DJB VOR/DME and hold.

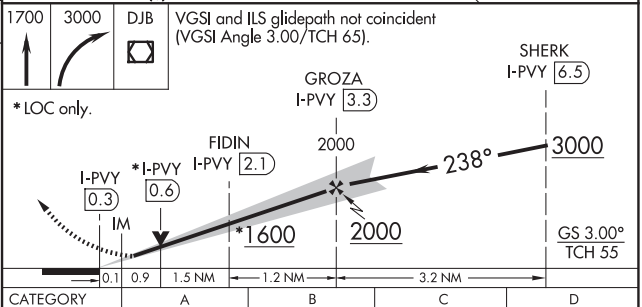
T Circling Rwy 10 NA at night. Simultaneous approach authorized. Simultaneous operations require use of vertical guidance; maintain last assigned altitude until established on glideslope. Inop table does not apply to sidestep 24L. For inop ALS, increase S-LOC 24R Cats C/D visibility to RVR 5500.

D-ATIS	CLEVELAND APP CON	CLEVELAND TOWER	GND CON	CLNC DEL	CPDLC
ARR 127.85 DEP 132.375	126.55 346.325	124.5 273.45	121.7 273.45	125.05 273.45	



ELEV 799	D	TDZE 24R 780 TDZE 24L 786





CATEGORY	A	B	C	D
S-ILS 24R	980/18 200 (200-½)			
S-LOC 24R	1160/24 379 (400-½)		1160/35 379 (400-⅝)	
SIDESTEP 24L	1280/55 494 (500-1)		1280-1½ 494 (500-1½)	1280-2 494 (500-2)
C CIRCLING	1420-1 621 (700-1)		1420-1¾ 621 (700-1¾)	1420-2 621 (700-2)

REIL Rwy 10
TDZ/CL Rwy 6L, 6R, 24L and 24R
HIRL Rwys 6L-24R, 6R-24L and 10-28

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

CLEVELAND, OHIO AL-84 (FAA) 24305

ILS or LOC RWY 28

CLEVELAND-HOPKINS INTL (CLE)

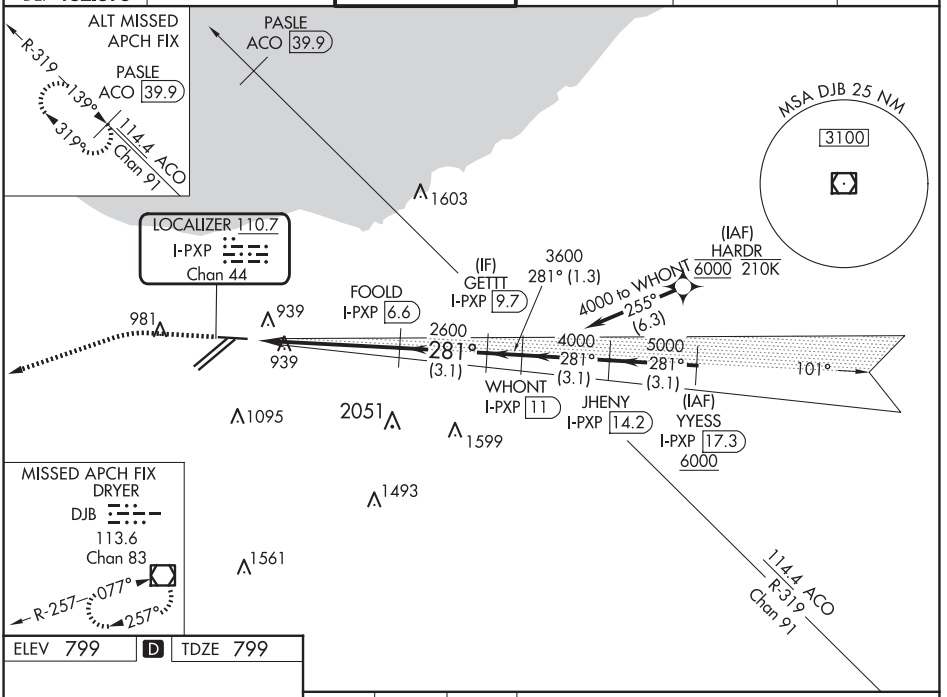
LOC/DME I-PXP	APP CRS	Rwy Idg	TDZE	Apt Elev
110.7 Chan 44	281°	6018	799	799

RNAV 1. From HARDR: RNAV 1-DME/DME/IRU or GPS required for procedure entry. Aircraft not DME/DME/IRU or GPS equipped - RADAR required for procedure entry.
DME required.
T Circling Rwy 10 NA at night. Inop table does not apply to S-ILS 28.

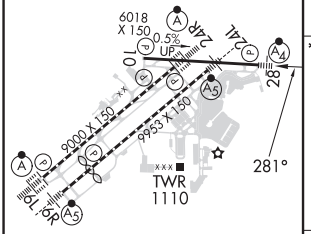
MALSF

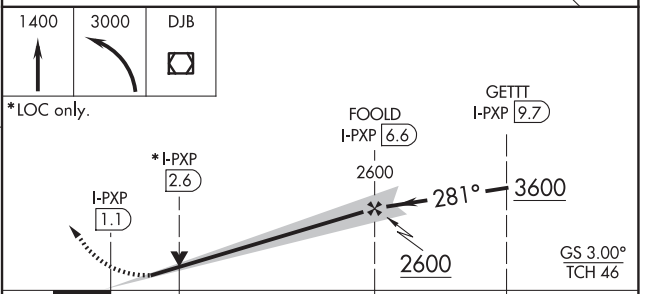
MISSED APPROACH: Climb to 1400 then climbing left turn to 3000 direct DJB VOR/DME and hold.

D-ATIS	CLEVELAND APP CON	CLEVELAND TOWER	GND CON	CLNC DEL	CPDLC
ARR 127.85 DEP 132.375	126.55 346.325	124.5 273.45	121.7 273.45	125.05 273.45	



ELEV 799	D	TDZE 799





CATEGORY	A	B	C	D
S-ILS 28	999/40 200 (200-¾)			
S-LOC 28	1340/40 541 (600-¾)		1340-1⅜ 541 (600-1⅜)	
C CIRCLING	1420-1 621 (700-1)		1420-1¾ 621 (700-1¾)	1420-2 621 (700-2)

REIL Rwy 10
TDZ/CL Rwy 6L, 6R, 24L, and 24R
HIRL Rwys 6L-24R, 6R-24L and 10-28

CLEVELAND, OHIO
Amdt 25 24MAY18

41°25'N-81°51'W

CLEVELAND-HOPKINS INTL (CLE)
ILS or LOC RWY 28

EC-2, 12 JUN 2025 to 07 AUG 2025

EC-2, 12 JUN 2025 to 07 AUG 2025

ILS RWY 24R (SA CAT I)

CLEVELAND-HOPKINS INTL (CLE)

LOC/DME I-PVY	APP CRS	Rwy Idg	9000
111.55	238°	TDZE	780
Chan 52(Y)		Apt Elev	799

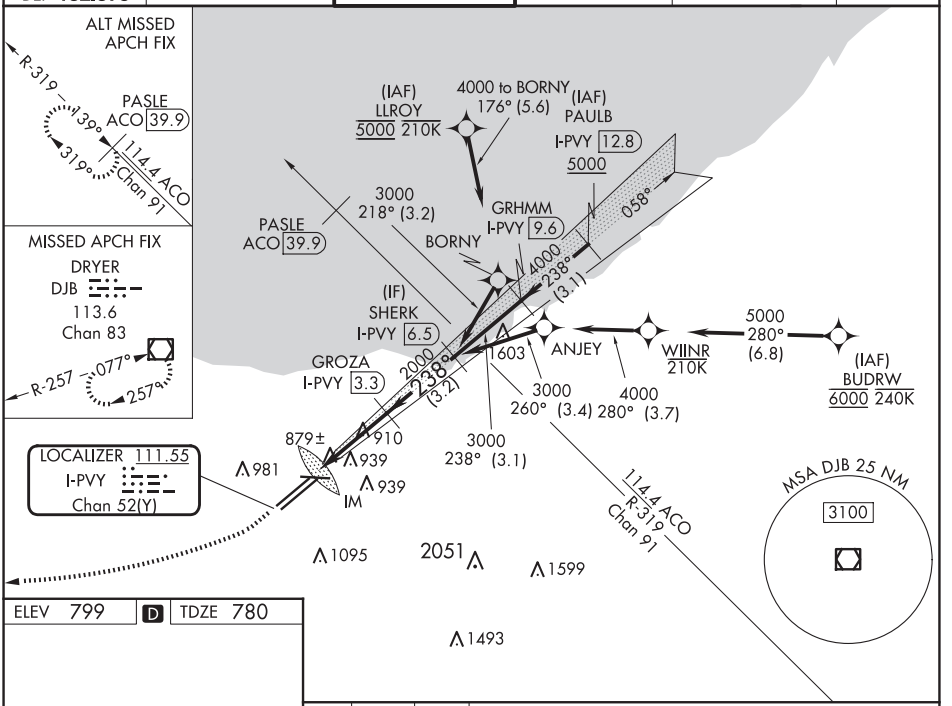
DME required. Aircraft not DME/DME/IRU or GPS equipped - RADAR required for procedure entry. RNAV 1. From LLROY and BUDRW: RNAV 1-DME/DME/IRU or GPS required for procedure entry.

Requires specific OPSPEC, MSPEC, or LOA approval and use of HUD to DH. Simultaneous approach authorized. Simultaneous operations require use of vertical guidance; maintain last assigned altitude until established on glideslope.

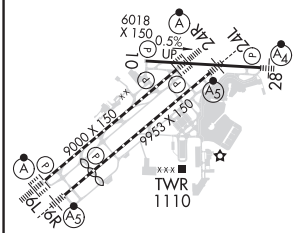
ALSF-2

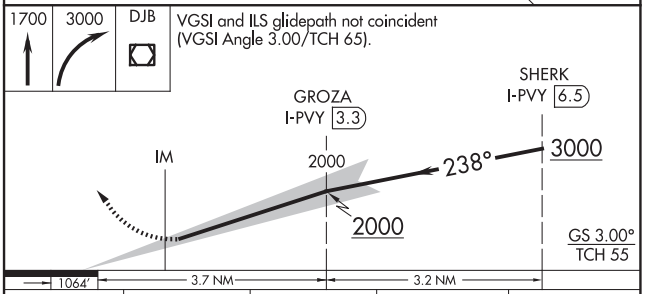
MISSED APPROACH: Climb to 1700 then climbing right turn to 3000 direct DJB VOR/DME and hold.

D-ATIS	CLEVELAND APP CON	CLEVELAND TOWER	GND CON	CLNC DEL	CPDLC
ARR 127.85 DEP 132.375	126.55 346.325	124.5 273.45	121.7 273.45	125.05 273.45	



ELEV 799 D TDZE 780





CATEGORY	A	B	C	D
S-ILS 24R	RA 150/14 150 DA 930			

REIL Rwy 10
TDZ/CL Rwy 6L, 6R, 24L and 24R
HIRL Rwys 6L-24R, 6R-24L and 10-28

SA CATEGORY I ILS - SPECIAL AIRCREW & AIRCRAFT CERTIFICATION REQUIRED

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

CLEVELAND, OHIO

AL-84 (FAA)

24305

ILS RWY 6L (CAT II & III)

CLEVELAND-HOPKINS INTL (CLE)

LOC/DME I-LIZ	APP CRS	Rwy Idg 9000
111.55	058°	TDZE 773
Chan 52 (Y)		Apt Elev 799

From GROHL, HICKR, and KWENE: RNAV 1-DME/DME/IRU or GPS required for procedure entry. Aircraft not DME/DME/IRU or GPS equipped - RADAR required for procedure entry. RNAV 1.

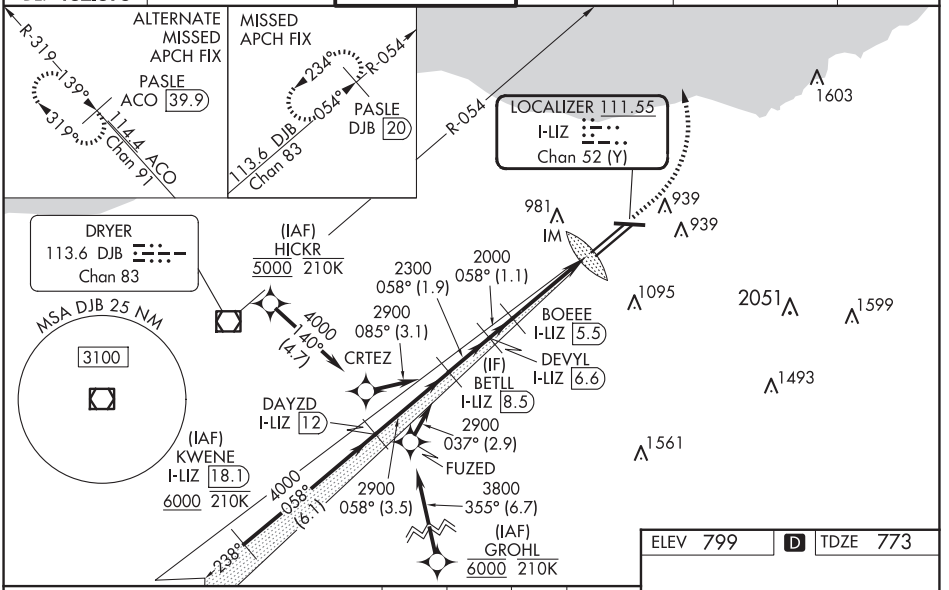
DME required.

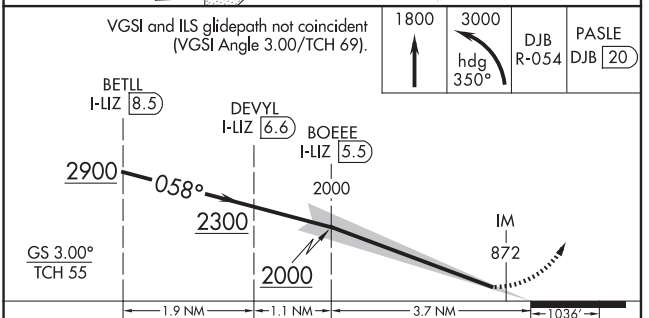
Simultaneous approach authorized.
Simultaneous operations require use of vertical guidance; maintain last assigned altitude until established on glideslope.

ALSF-2

MISSED APPROACH: Climb to 1800 then climbing left turn to 3000 on heading 350° and DJB VOR/DME R-054 to PASLE/DJB 20 DME and hold.

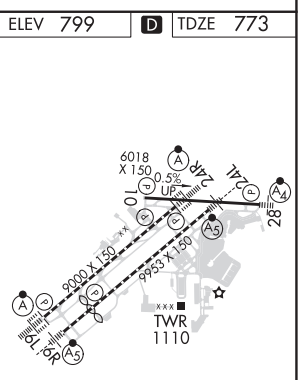
D-ATIS	CLEVELAND APP CON	CLEVELAND TOWER	GND CON	CLNC DEL	CPDLC
ARR 127.85 DEP 132.375	126.55 346.325	124.5 273.45	121.7 273.45	125.05 273.45	





CATEGORY	A	B	C	D
S-ILS 6L	CAT II RA 111/12 100 DA 873			
S-ILS 6L	CAT III RVR 06			

CATEGORY II & III ILS - SPECIAL AIRCREW & AIRCRAFT CERTIFICATION REQUIRED



REIL Rwy 10
TDZ/CL Rwy 6L, 6R, 24L, and 24R
HIRL Rwys 6L-24R, 6R-24L and 10-28

CLEVELAND, OHIO
Amdt 3 24MAY18

41°25'N-81°51'W

CLEVELAND-HOPKINS INTL (CLE)

ILS RWY 6L (CAT II & III)

EC-2, 12 JUN 2025 to 07 AUG 2025

ILS RWY 24R (CAT II & III)

CLEVELAND-HOPKINS INTL (CLE)

LOC/DME I-PVY	APP CRS	Rwy Idg	9000
111.55	238°	TDZE	780
Chan 52 (Y)		Apt Elev	799

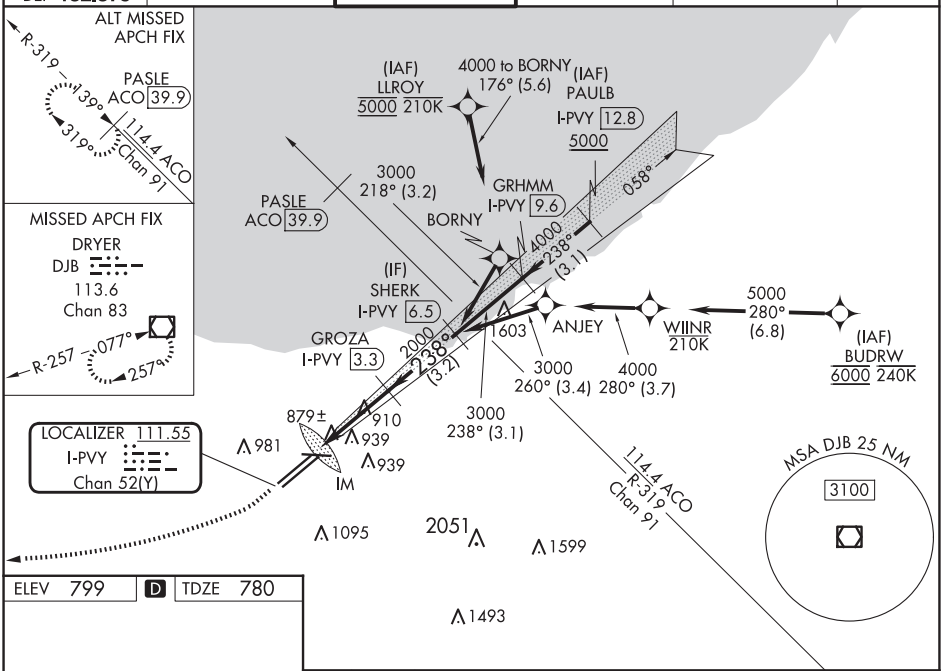
DME required. Aircraft not DME/DME/IRU or GPS equipped - RADAR required for procedure entry. RNAV 1. From LLROY and BUDRW: RNAV 1-DME/DME/IRU or GPS required for procedure entry.

CAT II: RVR 1000 authorized with specific OPSPEC, MSPEC, or LOA approval and use of autoland or HUD to touchdown. Simultaneous approach authorized. Simultaneous operations require use of vertical guidance; maintain last assigned altitude until established on glideslope.

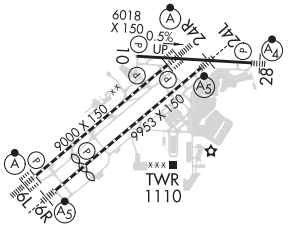
ALSF-2

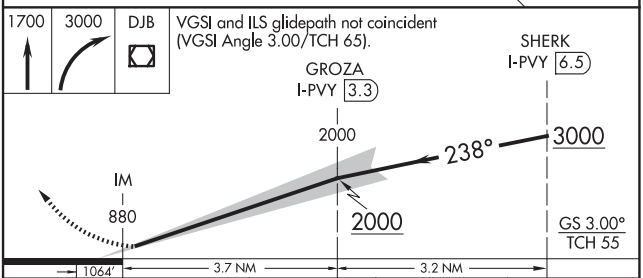
MISSED APPROACH: Climb to 1700 then climbing right turn to 3000 direct DJB VOR/DME and hold.

D-ATIS	CLEVELAND APP CON	CLEVELAND TOWER	GND CON	CLNC DEL	CPDLC
ARR 127.85 DEP 132.375	126.55 346.325	124.5 273.45	121.7 273.45	125.05 273.45	



ELEV 799 | D | TDZE 780





CATEGORY	A	B	C	D
S-ILS 24R	CAT II RA 100/12 100 DA 880			
S-ILS 24R	CAT III RVR 06			

REIL Rwy 10
TDZ/CL Rwy 6L, 6R, 24L and 24R
HIRL Rwys 6L-24R, 6R-24L and 10-28

CATEGORY II & III ILS - SPECIAL AIRCREW & AIRCRAFT CERTIFICATION REQUIRED

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

CLEVELAND, OHIO

AL-84 (FAA)

24305

ILS RWY 6R (SA CAT II)

CLEVELAND-HOPKINS INTL (CLE)

LOC/DME I-CLE	APP CRS	Rwy Idg	8029
111.9	058°	TDZE	777
Chan 56		Apt Elev	799

From GROHL, HICKR, and RUHSH: RNAV 1-DME/DME/IRU or GPS required for procedure entry. Aircraft not DME/DME/IRU or GPS equipped - RADAR required for procedure entry. RNAV 1.

DME required.

Simultaneous approach authorized. Simultaneous operations require use of vertical guidance; maintain last assigned altitude until established on glideslope. Reduced lighting: Requires specific OPSPEC, MSPEC, or LOA approval and use of autoland or HUD to touchdown.

MALSR

MISSED APPROACH: Climb to 1600 then climbing right turn to 3100 on CXR VOR/DME R-265 to NEIIL/CXR 21.5 DME and hold.

D-ATIS	CLEVELAND APP CON	CLEVELAND TOWER	GND CON	CLNC DEL	CPDLC
ARR 127.85 DEP 132.375	126.55 346.325	124.5 273.45	121.7 273.45	125.05 273.45	

ALTERNATE MISSED APCH FIX

082° R-082 262° 113.6 DJB Chan 83 NEIIL DJB 24.6

LOCALIZER 111.9 I-CLE Chan 56

112.7 CXR Chan 74 085° R-265 265° NEIIL CXR 21.5

1603 981 939 939 2051 1095 1599 1493 1561

(IAF) HICKR 5000 210K

4000 140° (5)

2500 058° (1.4)

(IF) DOORZ I-CLE 8.2

DILYN I-CLE 5.2

2000 058° (1.6)

POAST I-CLE 6.8

2900 080° (3.4)

DRYER 113.6 DJB Chan 83

DAUGS

2900 058° (3.5)

2900 038° (3)

SHEEP

RMONZ I-CLE 11.7

4000 058° (6.2)

238°

3900 359° (6.7)

(IAF) RUHSH I-CLE 17.9 6000 210K

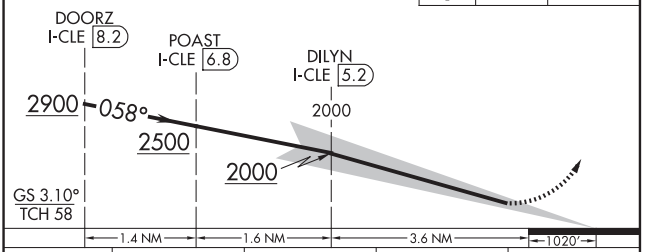
(IAF) GROHL 6000 210K

MSA DJB 25 NM 3100

ELEV 799 D TDZE 777

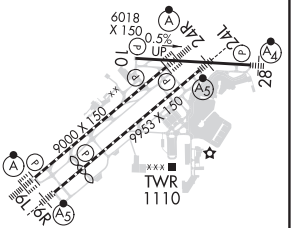
VGSI and ILS glidepath not coincident (VGSI Angle 3.00/TCH 73).

1600 3100 CXR R-265 NEIIL CXR 21.5



CATEGORY	A	B	C	D
S-ILS 6R	RA 100/12 100 DA 877			

SA CATEGORY II ILS - SPECIAL AIRCREW & AIRCRAFT CERTIFICATION REQUIRED



REIL Rwy 10
TDZ/CL Rwy 6L, 6R, 24L and 24R
HIRL Rwys 6L-24R, 6R-24L and 10-28

CLEVELAND, OHIO
Amdt 22 24MAY18

41°25'N-81°51'W

CLEVELAND-HOPKINS INTL (CLE)

ILS RWY 6R (SA CAT II)

EC-2, 12 JUN 2025 to 07 AUG 2025

EC-2, 12 JUN 2025 to 07 AUG 2025

24305

ILS RWY 24L (SA CAT II)

CLEVELAND-HOPKINS INTL (CLE)

LOC/DME I-HPI	APP CRS	Rwy ldg	9953
109.9	238°	TDZE	786
Chan 36		Apt Elev	799

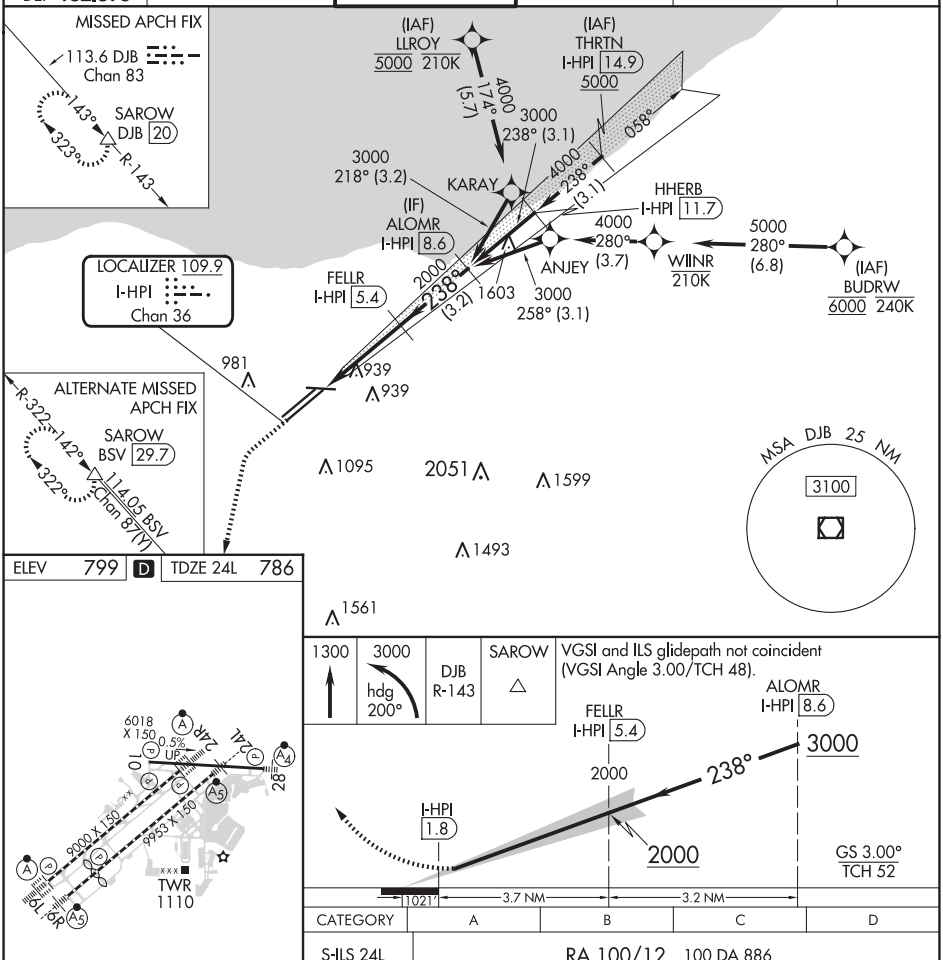
DME required. Aircraft not DME/DME/IRU or GPS equipped - RADAR required for procedure entry. RNAV 1. From LLROY and BUDRW: RNAV 1-DME/DME/IRU or GPS required for procedure entry.

T Simultaneous approach authorized. Simultaneous operations require use of vertical guidance; maintain last assigned altitude until established on glideslope. Reduced lighting: requires specific OPSPEC, MSPEC, or LOA approval and use of autoland or HUD to touchdown.

MALSR

MISSED APPROACH: Climb to 1300 then climbing left turn to 3000 on heading 200° and DJB VOR/DME R-143 to SAROW/DJB 20 DME and hold.

D-ATIS	CLEVELAND APP CON	CLEVELAND TOWER	GND CON	CLNC DEL	CPDLC
ARR 127.85 DEP 132.375	126.55 364.325	124.5 273.45	121.7 273.45	125.05 273.45	



ELEV 799	D	TDZE 24L 786

CATEGORY	A	B	C	D
S-ILS 24L	RA 100/12 100 DA 886			

SA CATEGORY II ILS - SPECIAL AIRCREW & AIRCRAFT CERTIFICATION REQUIRED

REIL Rwy 10
TDZ/CL Rwys 6L, 6R, 24L, and 24R
HIRL Rwys 6L-24R, 6R-24L, and 10-28

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

CLEVELAND, OHIO

AL-84 (FAA)

24305

RNAV (RNP) Z RWY 6L

CLEVELAND-HOPKINS INTL (CLE)

APP CRS	Rwy Idg	9000
058°	TDZE	773
	Apt Elev	799

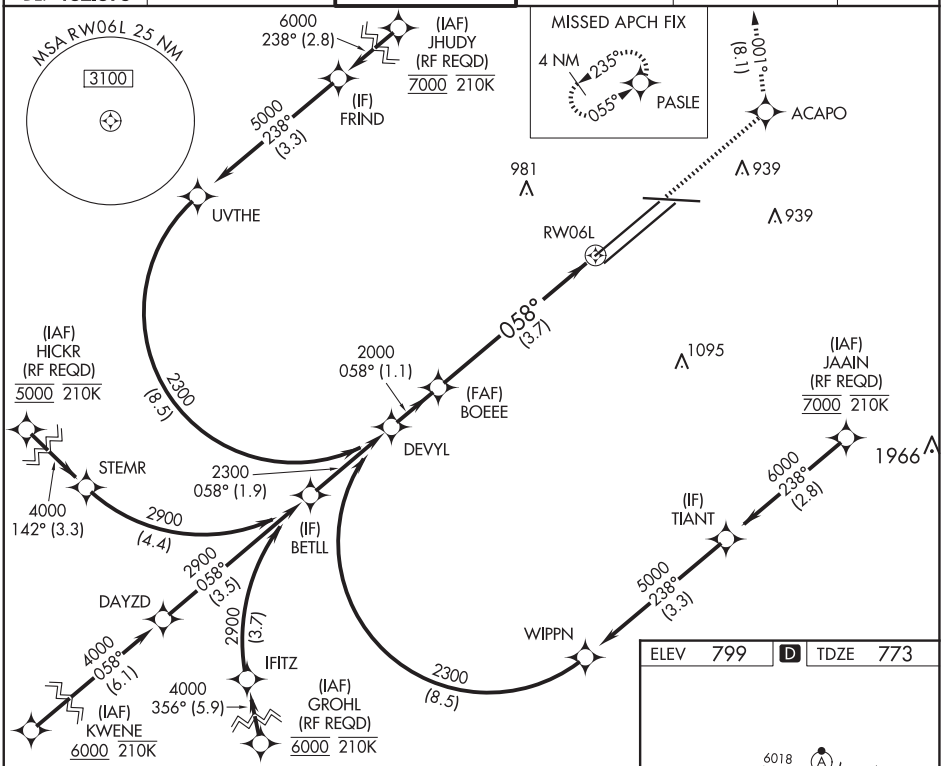
RNP AR APCH.

For uncompensated Baro-VNAV systems, procedure NA below -18°C (0°F) or above 54°C (130°F). For inop ALS, increase RNP 0.17 all Cats visibility to RVR 5500 and RNP 0.30 all Cats visibility to RVR 6000.

ALSF-2

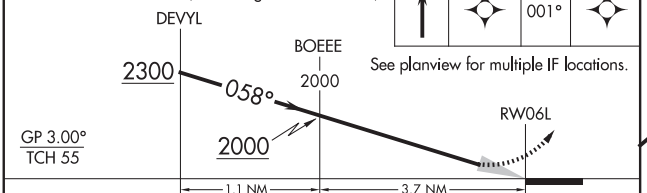
MISSED APPROACH: Climb to 3000 direct ACAPO and on track 001° to PASLE and hold.

D-ATIS	CLEVELAND APP CON	CLEVELAND TOWER	GND CON	CLNC DEL	CPDLC
ARR 127.85 DEP 132.375	126.55 346.325	124.5 273.45	121.7 273.45	125.05 273.45	



VGSI and RNAV glidepath not coincident (VGSI Angle 3.00/TCH 69).

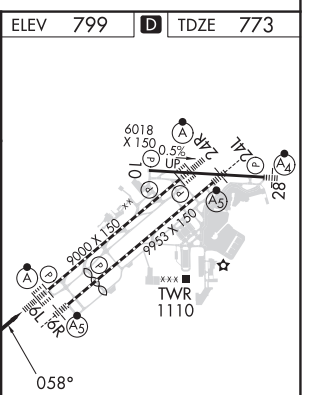
3000	ACAPO	tr 001°	PASLE



See planview for multiple IF locations.

CATEGORY	A	B	C	D
RNP 0.17 DA	1123/30	350 (400-⅝)		
RNP 0.30 DA	1176/40	403 (400-¾)		

AUTHORIZATION REQUIRED



REIL Rwy 10
TDZ/CL Rwy 6L, 6R, 24L, and 24R
HIRL Rwys 6L-24R, 6R-24L and 10-28

CLEVELAND, OHIO
Orig 24MAY18

41°25'N-81°51'W

CLEVELAND-HOPKINS INTL (CLE)

RNAV (RNP) Z RWY 6L

EC-2, 12 JUN 2025 to 07 AUG 2025

RNAV (RNP) Z RWY 6R

CLEVELAND-HOPKINS INTL (CLE)

APP CRS	Rwy Idg	8029
058°	TDZE	777
	Apt Elev	799

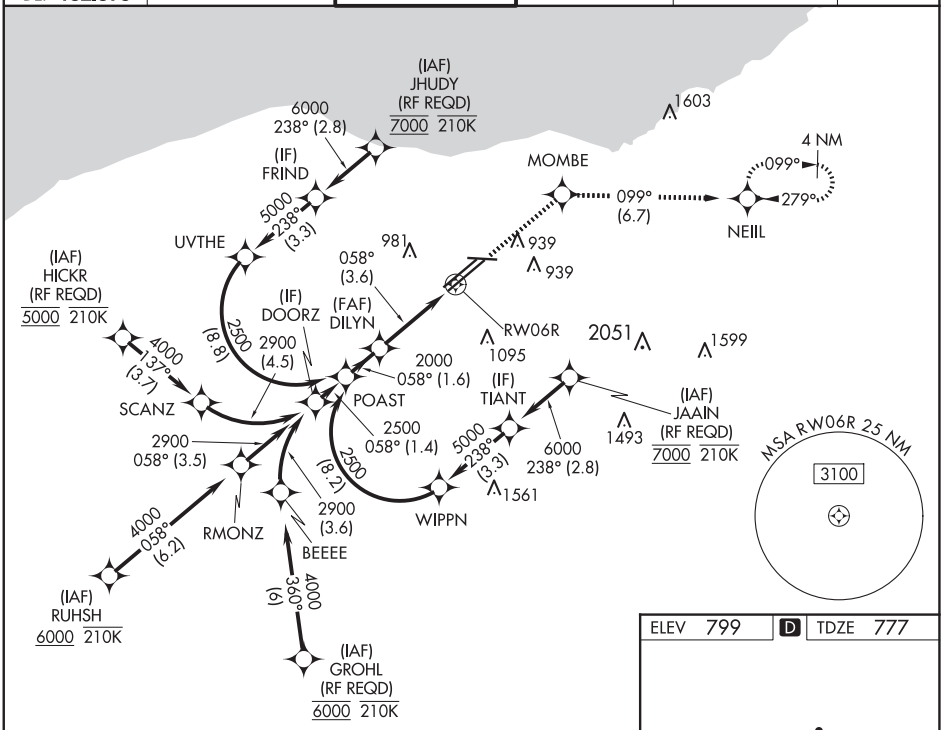
RNP AR APCH.

For uncompensated Baro-VNAV systems, procedure NA below -18°C (0°F) or above 46°C (114°F).
For inop ALS, increase RNP 0.15 all Cats visibility to RVR 5500.

MALSR

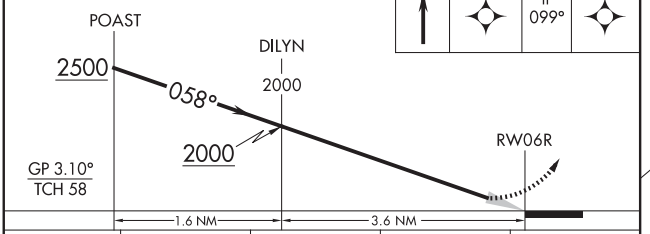
MISSED APPROACH: Climb to 3000 direct MOMBE and on track 099° to NEIIL and hold.
*Missed approach requires minimum climb of 270 feet per NM to 1400.

D-ATIS	CLEVELAND APP CON	CLEVELAND TOWER	GND CON	CLNC DEL	CPDLC
ARR 127.85 DEP 132.375	126.55 346.325	124.5 273.45	121.7 273.45	125.05 273.45	



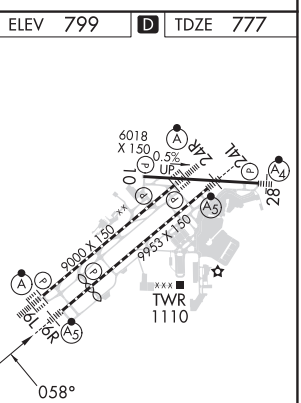
See planview for multiple IF locations.

3000	MOMBE	tr 099°	NEIIL



CATEGORY	A	B	C	D
RNP 0.15 DA*		1127/30	350 (400-⅝)	
RNP 0.30 DA		1229/45	452 (500-⅞)	

AUTHORIZATION REQUIRED



REIL Rwy 10
TDZ/CL Rwy 6L, 6R, 24L, and 24R
HIRL Rwys 6L-24R, 6R-24L and 10-28

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

CLEVELAND, OHIO | AL-84 (FAA) | 24305

APP CRS	Rwy Idg	9953
238°	TDZE	786
	Apt Elev	799

RNAV (RNP) Z RWY 24L

CLEVELAND-HOPKINS INTL (CLE)

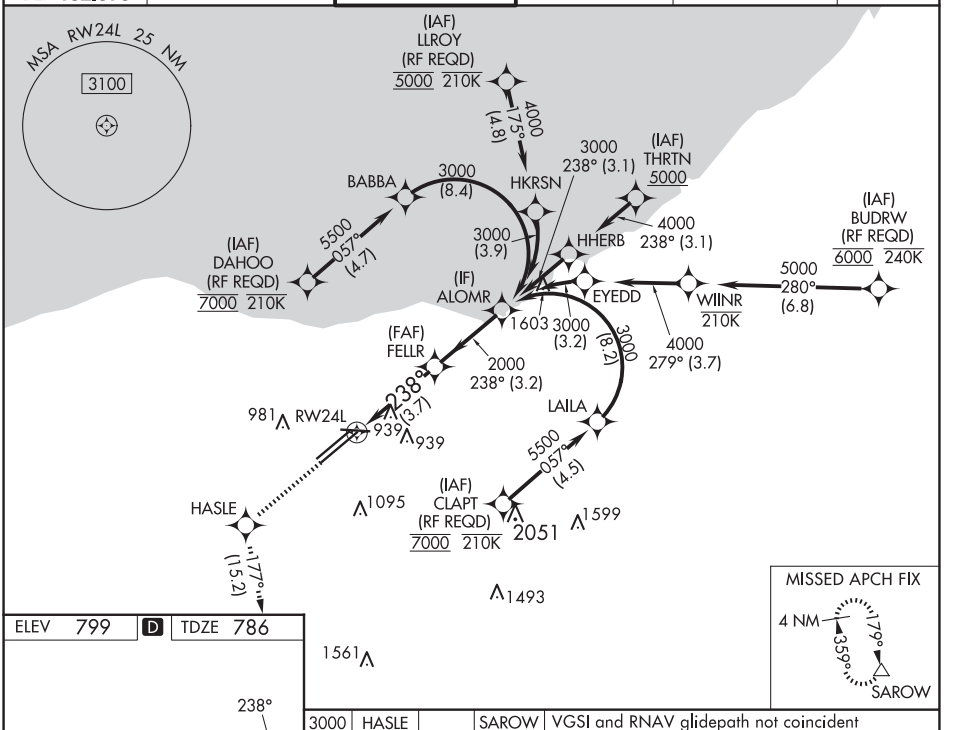
RNP AR APCH.

T For uncompensated Baro-VNAV systems, procedure NA below -18°C (0°F) or above 54°C (130°F). For inop ALS, increase RNP 0.19 all Cats visibility to RVR 5500.

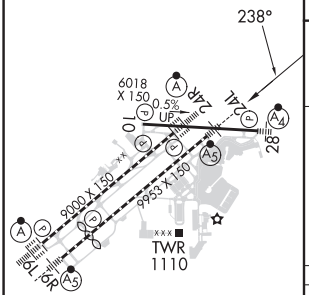
MALSR (A5)

MISSED APPROACH: Climb to 3000 direct HASLE and on track 177° to SAROW and hold.

D-ATIS	CLEVELAND APP CON	CLEVELAND TOWER	GND CON	CLNC DEL	CPDLC
ARR 127.85 DEP 132.375	126.55 346.325	124.5 273.45	121.7 273.45	125.05 273.45	



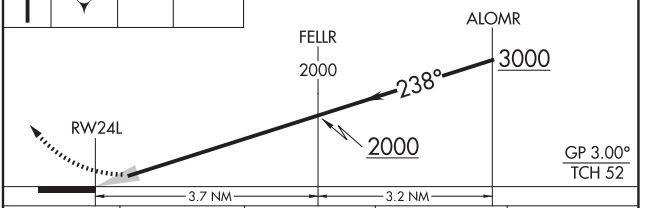
ELEV 799 | D | TDZ 786



REIL Rwy 10
TDZ/CL Rwy 6L, 6R, 24L and 24R
HIRL Rwys 6L-24R, 6R-24L and 10-28

3000	HASLE	tr 177°	SAROW

VGSI and RNAV glidepath not coincident (VGSI Angle 3.00/TCH 48).



CATEGORY	A	B	C	D
RNP 0.19 DA	1140/30	354 (400-⅝)		
RNP 0.30 DA	1243/45	457 (500-⅞)		

AUTHORIZATION REQUIRED

CLEVELAND, OHIO
Orig 24MAY18

41°25'N-81°51'W

CLEVELAND-HOPKINS INTL (CLE)

RNAV (RNP) Z RWY 24L

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

RNAV (RNP) Z RWY 24R

CLEVELAND-HOPKINS INTL (CLE)

APP CRS	Rwy Idg	9000
238°	TDZE	780
	Apt Elev	799

RNP AR APCH.

For uncompensated Baro-VNAV systems, procedure NA below -18°C (0°F) or above 54°C (130°F). For inop ALS, increase RNP 0.13 all Cats visibility to RVR 4500.

ALSF-2

MISSED APPROACH: Climb to 3000 direct ZAPAN and on track 274° to DJB VOR/DME and hold.

D-ATIS	CLEVELAND APP CON	CLEVELAND TOWER	GND CON	CLNC DEL	CPDLC
ARR 127.85 DEP 132.375	126.55 346.325	124.5 273.45	121.7 273.45	125.05 273.45	

MISSED APCH FIX

DRYER DJB

077° 257°

4 NM

(IAF) LLROY (RF REQD) 5000 210K

180° (5.1) 4000

KEEEP

HAULN 3000 (8.3)

GRHMM

(IAF) PAULB 5000

4000 238° (3.1)

5000 056° (4.4)

3000 (3.5)

3000 238° (3.1)

(IAF) DAHOO (RF REQD) 7000 210K

HAMEE

5000 280° (6.8)

WIINR 210K

1603

2000 238°

(FAF) GROZA

3000 (3.4)

3000 (8.4)

4000 280° (3.9)

(IAF) BUDRW (RF REQD) 6000 240K

238° (3.7)

(IF) SHERK

981

939 939

RW24R

5000 056° (4.3)

ZLASH

274° (11.1)

ZAPAN

1095

(IAF) CLAPT (RF REQD) 7000 210K

2051

1599

1493

1561

MSA RW24R 25 NM

3100

ELEV 799 D TDZE 780

238°

6018 X 150 0.5% UP

RWY 24L

RWY 10

9000 X 150

9953 X 150

TWR 1110

3000	ZAPAN	tr 274°	DJB

VGSI and RNAV glidepath not coincident (VGSI Angle 3.00/TCH 65).

SHERK 3000

GROZA 2000

238°

RW24R

2000

GP 3.00° TCH 55

3.7 NM 3.2 NM

CATEGORY	A	B	C	D
RNP 0.13 DA	1064/24 284 (300-½)			
RNP 0.30 DA	1176/35 396 (400-⅝)			

AUTHORIZATION REQUIRED

REIL Rwy 10
TDZ/CL Rwy 6L, 6R, 24L and 24R
HIRL Rwys 6R-24L, and 6L-24R, 10-28

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

CLEVELAND, OHIO | AL-84 (FAA) | 24305

RNAV (GPS) RWY 10

CLEVELAND-HOPKINS INTL (CLE)

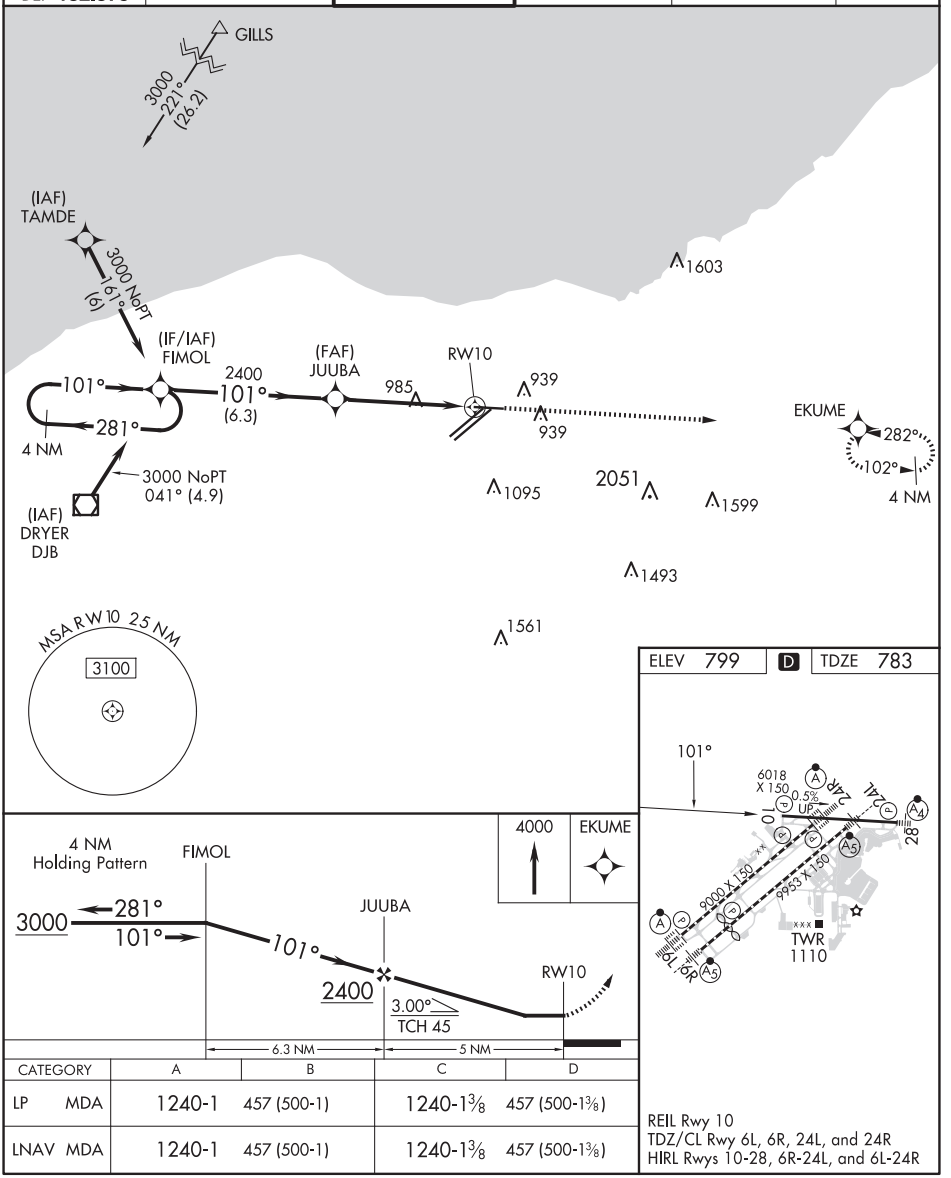
WAAS	APP CRS	Rwy Idg	6018
CH 73026	101°	TDZE	783
W10A		Apt Elev	799

RNP APCH.

Rwy 10 helicopter visibility reduction below 1 SM NA. Procedure NA at night.

MISSED APPROACH: Climb to 4000 direct EKUME and hold.

D-ATIS	CLEVELAND APP CON	CLEVELAND TOWER	GND CON	CLNC DEL	CPDLC
ARR 127.85	126.55 346.325	124.5 273.45	121.7 273.45	125.05 273.45	
DEP 132.375					



CATEGORY	A	B	C	D
LP MDA	1240-1	457 (500-1)	1240-1⅜	457 (500-1⅜)
LNAV MDA	1240-1	457 (500-1)	1240-1⅜	457 (500-1⅜)

REIL Rwy 10
TDZ/CL Rwy 6L, 6R, 24L, and 24R
HIRL Rwys 10-28, 6R-24L, and 6L-24R

CLEVELAND, OHIO
Amdt 3C 24MAY18

41°25'N-81°51'W

CLEVELAND-HOPKINS INTL (CLE)

RNAV (GPS) RWY 10

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

WAAS	APP CRS	Rwy Idg 6018
CH 40109	281°	TDZE 799
W28A		Apt Elev 799

RNAV (GPS) RWY 28

CLEVELAND-HOPKINS INTL (CLE)

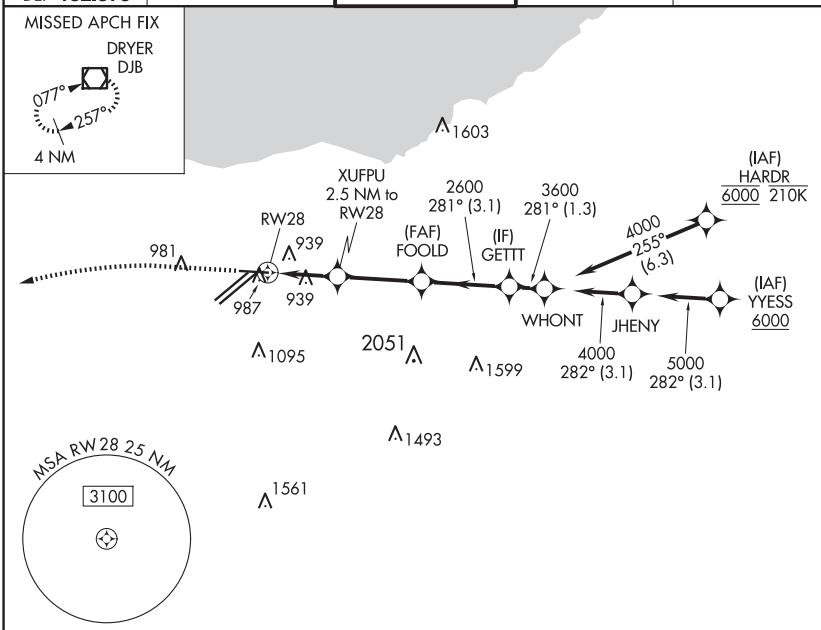
RNP APCH.

For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -18°C (0°F) or above 54°C (130°F). Circling Rwy 10 NA at night. Inop table does not apply to LPV.

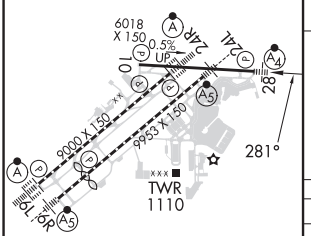
MALSF

MISSED APPROACH: Climb to 1400 then climbing left turn to 3000 direct DJB VOR/DME and hold.

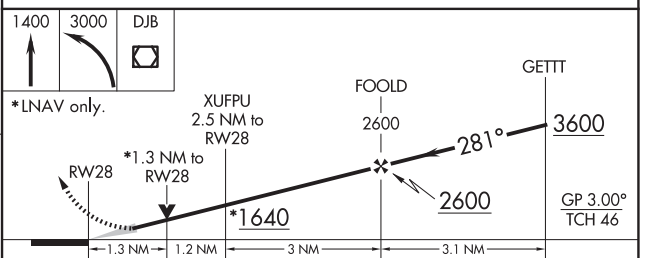
D-ATIS	CLEVELAND APP CON	CLEVELAND TOWER	GND CON	CLNC DEL	CPDLC
ARR 127.85 DEP 132.375	126.55 346.325	124.5 273.45	121.7 273.45	125.05 273.45	



ELEV 799 D TDZE 799



REIL Rwy 10
TDZ/CL Rwy 6L, 6R, 24L, and 24R
HIRL Rwys 6L-24R, 6R-24L and 10-28



CATEGORY	A	B	C	D
LPV DA	999/40 200 (200-¾)			
LNAV/VNAV DA	1168/40 369 (400-¾)			
LNAV MDA	1260/40 461 (500-¾)		1260/60 461 (500-1¼)	
C CIRCLING	1420-1 621 (700-1)		1420-1¾ 621 (700-1¾)	1420-2 621 (700-2)

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

CLEVELAND, OHIO

AL-84 (FAA)

24305

RNAV (GPS) Y RWY 6L

CLEVELAND-HOPKINS INTL (CLE)

WAAS	APP CRS	Rwy Idg	9000
CH 56204	058°	TDZE	773
W06A		Apt Elev	799

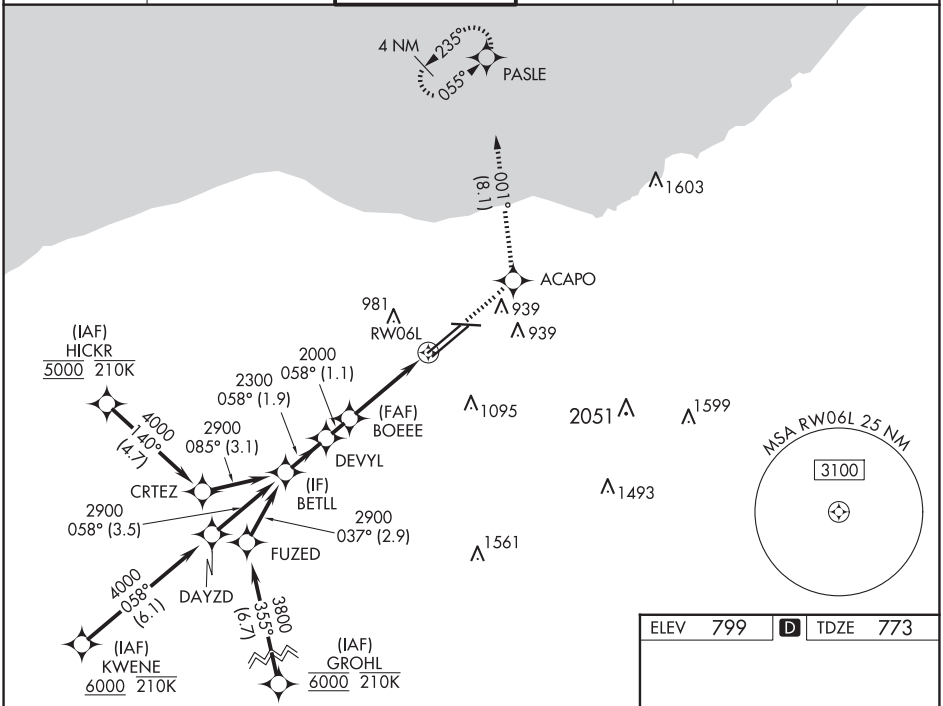
RNP APCH.

For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -18°C (0°F) or above 54°C (130°F). Circling Rwy 10 NA at night. For inop ALS, increase LNAV/VNAV all Cats visibility to RVR 5500 and increase LNAV Cats C/D visibility to 1⅜ SM.

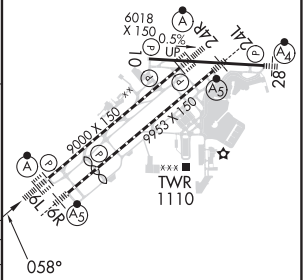
ALSF-2

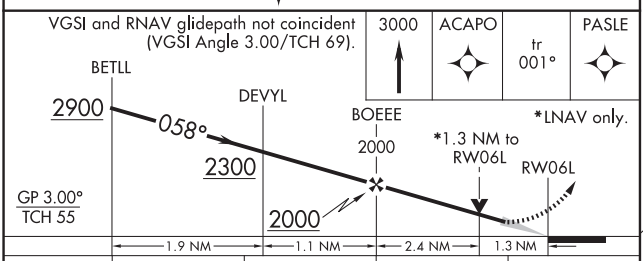
MISSED APPROACH: Climb to 3000 direct ACAPO and on track 001° to PASLE and hold.

D-ATIS	CLEVELAND APP CON	CLEVELAND TOWER	GND CON	CLNC DEL	CPDLC
ARR 127.85 DEP 132.375	126.55 346.325	124.5 273.45	121.7 273.45	125.05 273.45	



ELEV 799	D	TDZE 773





CATEGORY	A	B	C	D
LPV DA	973/18 200 (200-½)			
LNAV/VNAV DA	1120/30 347 (400-⅜)			
LNAV MDA	1260/24 487 (500-½)		1260/50 487 (500-1)	
C CIRCLING	1420-1 621 (700-1)		1420-1¾ 621 (700-1¾)	1420-2 621 (700-2)

REIL Rwy 10
TDZ/CL Rwy 6L, 6R, 24L, and 24R
HIRL Rwys 6L-24R, 6R-24L and 10-28

EC-2, 12 JUN 2025 to 07 AUG 2025

EC-2, 12 JUN 2025 to 07 AUG 2025

CLEVELAND, OHIO
Amdt 2A 21JUN18

41°25'N-81°51'W

CLEVELAND-HOPKINS INTL (CLE)
RNAV (GPS) Y RWY 6L

RNAV (GPS) Y RWY 6R

CLEVELAND-HOPKINS INTL (CLE)

WAAS	APP CRS	Rwy Idg	8029
CH **81806**	**058°**	TDZE	**777**
W06B		Apt Elev	**799**

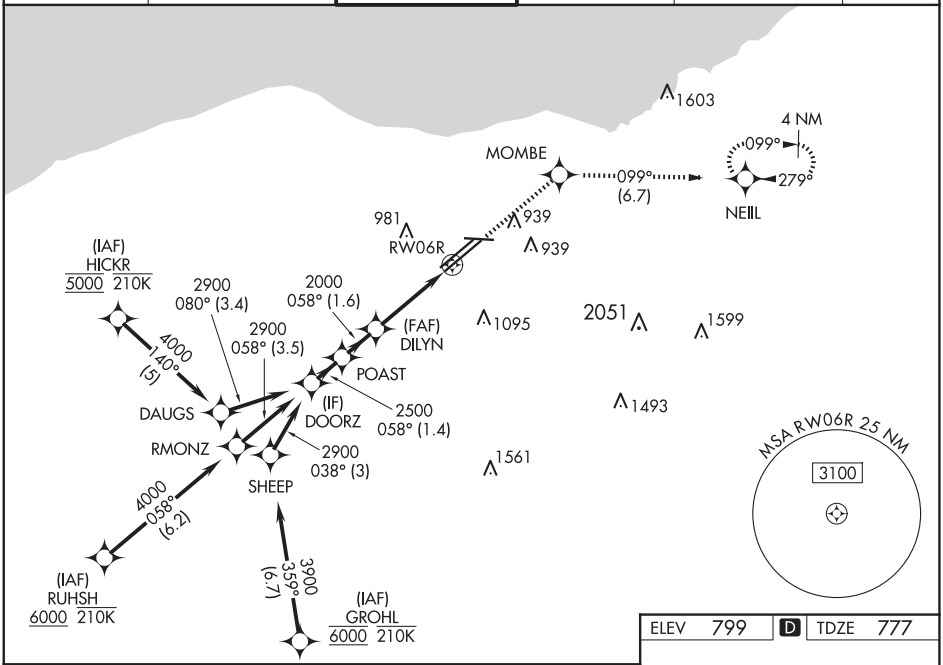
RNP APCH.

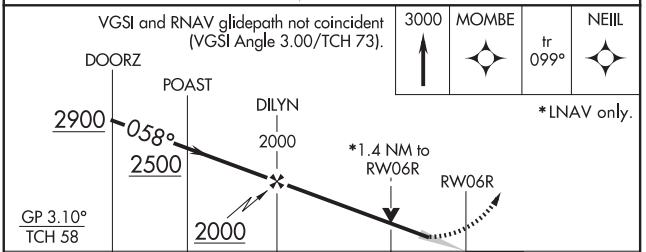
T For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -18°C (0°F) or above 46°C (114°F). Circling Rwy 10 NA at night. For inop ALS, increase LNAV Cats C/D visibility to 1⅜ SM.

MALSR (A5)

MISSED APPROACH: Climb to 3000 direct MOMBE and on track 099° to NEIIL and hold.

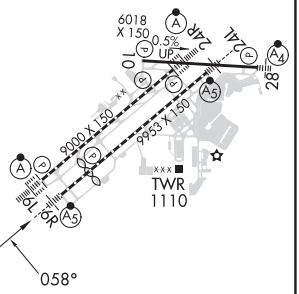
D-ATIS	CLEVELAND APP CON	CLEVELAND TOWER	GND CON	CLNC DEL	CPDLC
ARR **127.85**	**126.55 346.325**	**124.5 273.45**	**121.7 273.45**	**125.05 273.45**	
DEP **132.375**					





CATEGORY	A	B	C	D
LPV DA	977/18 200 (200-½)			
LNAV/VNAV DA	1227/45 450 (500-⅞)			
LNAV MDA	1260/24 483 (500-½)		1260/50 483 (500-1)	
C CIRCLING	1420-1 621 (700-1)		1420-1¾ 621 (700-1¾)	1420-2 621 (700-2)

ELEV 799 D TDZE 777



REIL Rwy 10
TDZ/CL Rwy 6L, 6R, 24L, and 24R
HIRL Rwys 6L-24R, 6R-24L and 10-28

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

CLEVELAND, OHIO AL-84 (FAA) 24305

WAAS	APP CRS	Rwy Idg	9953
CH 77506	238°	TDZE	786
W24B		Apt Elev	799

RNAV (GPS) Y RWY 24L

CLEVELAND-HOPKINS INTL (CLE)

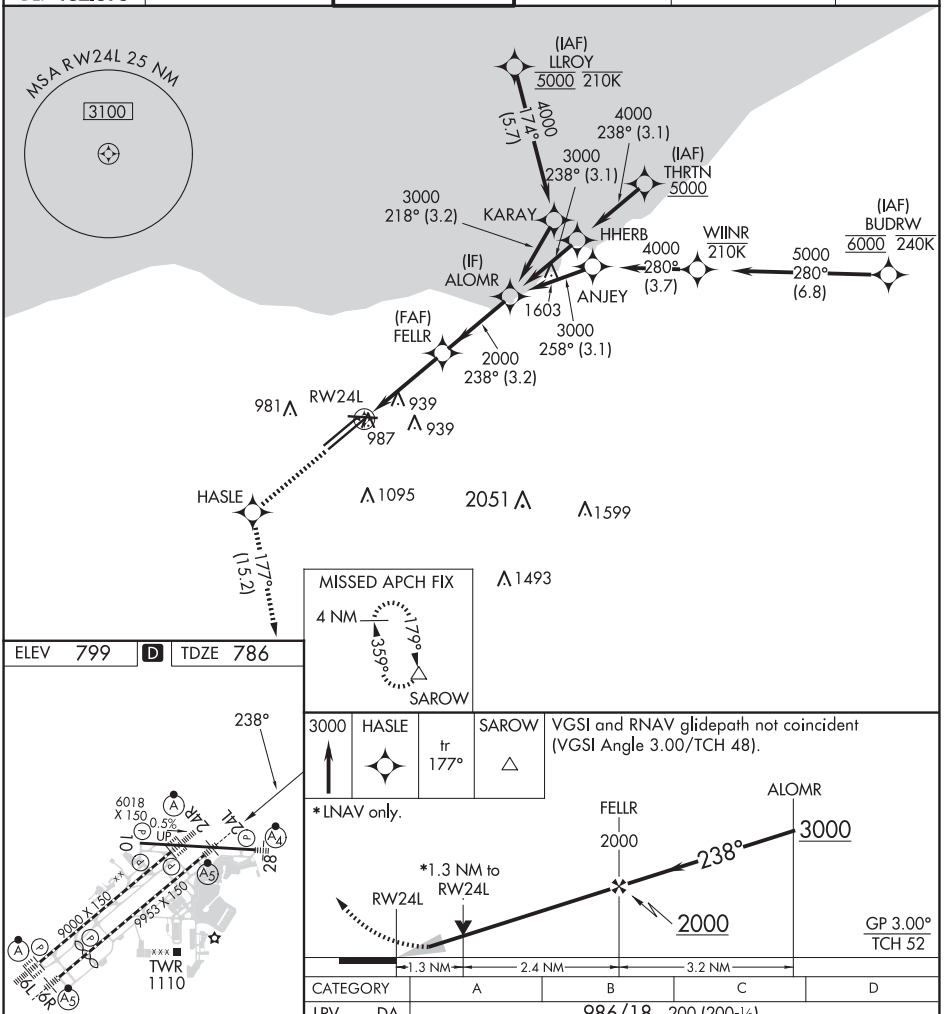
RNP APCH.

Circling Rwy 10 NA at night. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -19°C or above 54°C.

MALSR

MISSED APPROACH: Climb to 3000 direct HASLE and on track 177° to SAROW and hold.

D-ATIS	CLEVELAND APP CON	CLEVELAND TOWER	GND CON	CLNC DEL	CPDLC
ARR 127.85 DEP 132.375	126.55 346.325	124.5 273.45	121.7 273.45	125.05 273.45	



CATEGORY	A	B	C	D
LPV DA	986/18 200 (200-½)			
LNAV/VNAV DA	1180/35 394 (400-⅝)			
LNAV MDA	1240/24 454 (500-½)		1240/45 454 (500-⅞)	
C CIRCLING	1420-1 621 (700-1)		1420-1¾ 621 (700-1¾)	1420-2 621 (700-2)

REIL Rwy 10
TDZ/CL Rwy 6L, 6R, 24L and 24R
HIRL Rwys 6L-24R, 6R-24L and 10-28

CLEVELAND, OHIO
Amdt 5A 02DEC21

41°25'N-81°51'W

CLEVELAND-HOPKINS INTL (CLE)

RNAV (GPS) Y RWY 24L

EC-2, 12 JUN 2025 to 07 AUG 2025

RNAV (GPS) Y RWY 24R

CLEVELAND-HOPKINS INTL (CLE)

WAAS	APP CRS	Rwy Idg	9000
CH 60904	238°	TDZE	780
W24A		Apt Elev	799

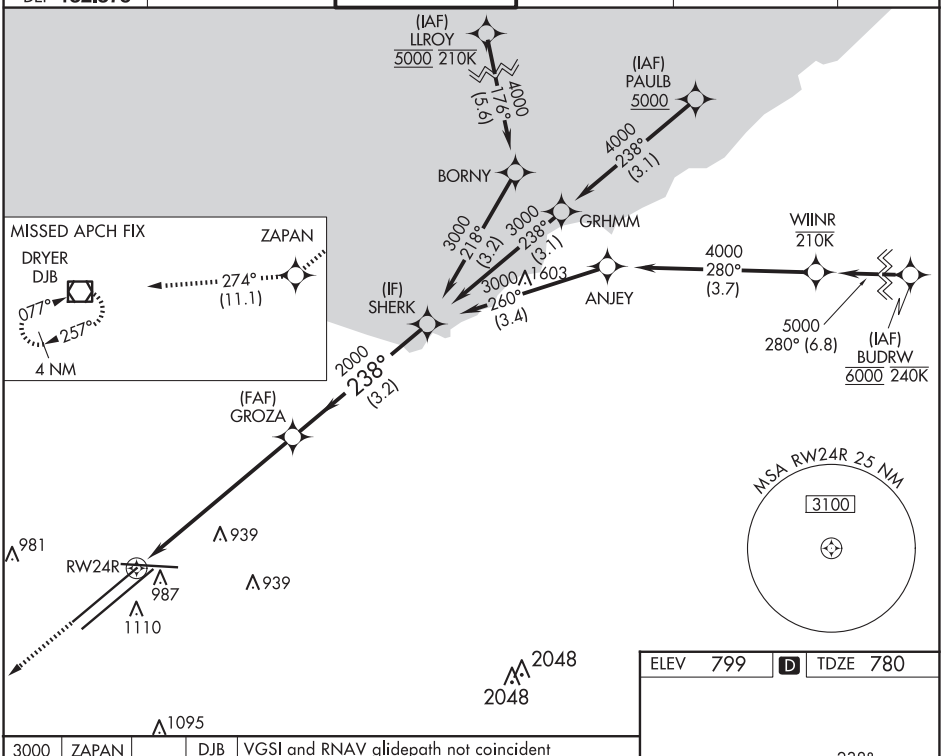
RNP APCH.

Circling Rwy 10 NA at night. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -19°C or above 54°C.

ALSF-2

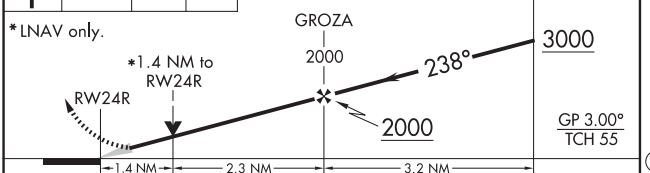
MISSED APPROACH: Climb to 3000 direct ZAPAN and on track 274° to DJB VOR/DME and hold.

D-ATIS	CLEVELAND APP CON	CLEVELAND TOWER	GND CON	CLNC DEL	CPDLC
ARR 127.85 DEP 132.375	126.55 346.325	124.5 273.45	121.7 273.45	125.05 273.45	



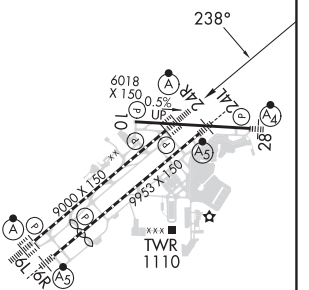
3000	ZAPAN	tr 274°	DJB

VGSI and RNAV glidepath not coincident (VGSI Angle 3.00/TCH 65).



CATEGORY	A	B	C	D
LPV DA	980/18 200 (200-½)			
LNAV/VNAV DA	1168/35 388 (400-⅝)			
LNAV MDA	1240/24 460 (500-½)		1240/45 460 (500-⅞)	
C CIRCLING	1420-1 621 (700-1)		1420-1¾ 621 (700-1¾)	1420-2 621 (700-2)

ELEV 799 D TDZE 780



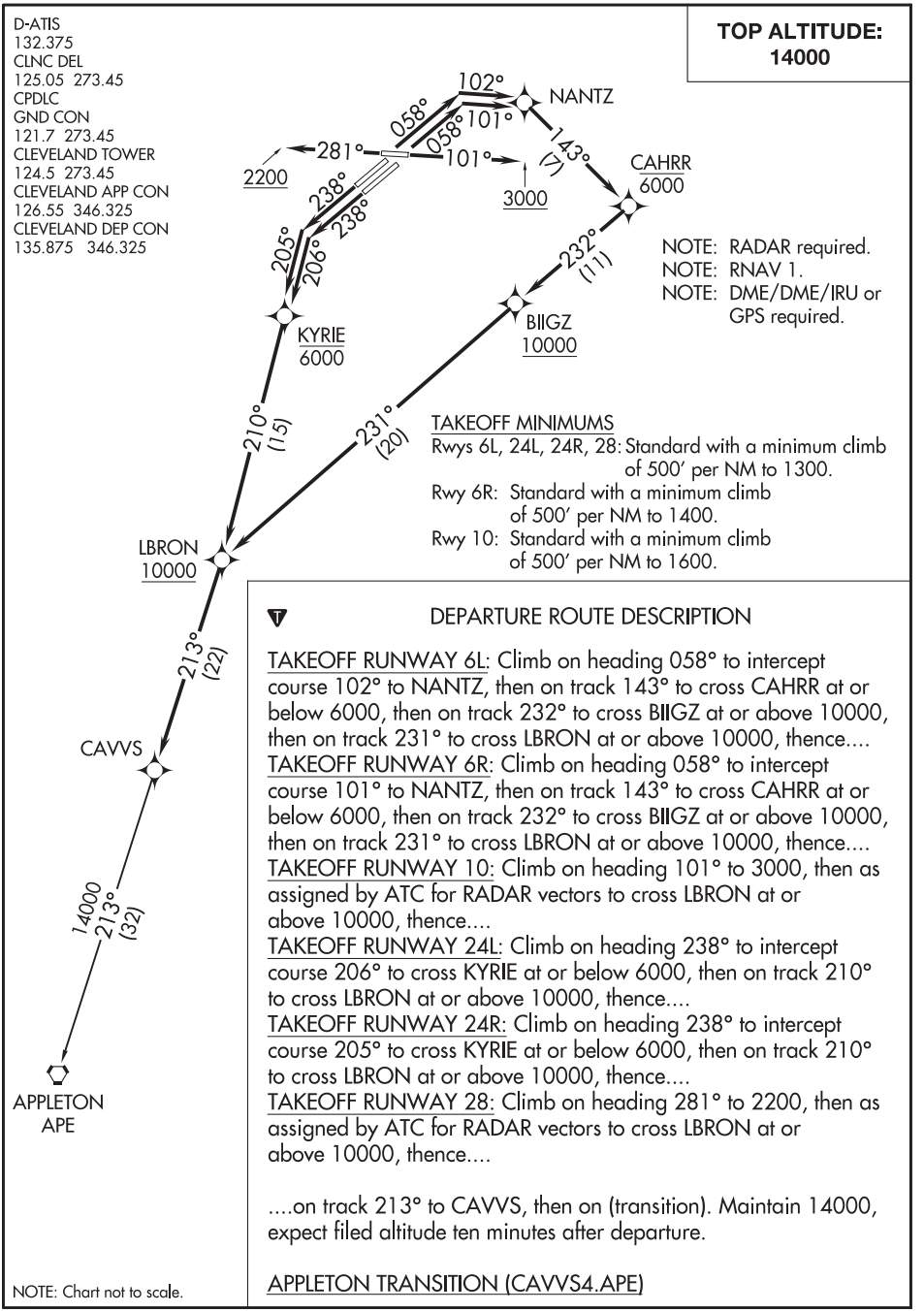
REIL Rwy 10
TDZ/CL Rwy 6L, 6R, 24L and 24R
HIRL Rwys 6R-24L, 6L-24R and 10-28

EC-2, 12 JUN 2025 to 07 AUG 2025

EC-2, 12 JUN 2025 to 07 AUG 2025

25107
AIRPORT DIAGRAM
AL-84 (FAA)
CLEVELAND-HOPKINS INTL (CLE)
CLEVELAND, OHIO

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025



EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

(GTLKE4.GTLKE) 22139

AL-84 (FAA)

GTLKE FOUR DEPARTURE (RNAV)

CLEVELAND-HOPKINS INTL (CLE)

CLEVELAND, OHIO

EC-2, 12 JUN 2025 to 07 AUG 2025

GTLKE FOUR DEPARTURE (RNAV)

(GTLKE4.GTLKE) 26MAR20

CLEVELAND, OHIO

CLEVELAND-HOPKINS INTL (CLE)

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 6L: Climb on heading 058° to intercept course 009° to cross EDMNN at or above 2000 and at or below 240K, then on track 318° to FTTZZ, then on track 263° to cross GRALD at or above 8000, then on track 237° to XMASS, then on track 249° to cross AYYLE at or above 9000, thence....

TAKEOFF RUNWAY 6R: Climb on heading 058° to intercept course 005° to cross EDMNN at or above 2000 and at or below 240K, then on track 318° to FTTZZ, then on track 263° to cross GRALD at or above 8000, then on track 237° to XMASS, then on track 249° to cross AYYLE at or above 9000, thence....

TAKEOFF RUNWAY 10: Climb on heading 101° to 3000, then as assigned by ATC for RADAR vectors to cross AYYLE at or above 9000, thence....

TAKEOFF RUNWAY 24L: Climb on heading 238° to intercept course 270° to cross CNWAY at or below 6000, then on track 260° to cross AYYLE at or above 9000, thence....

TAKEOFF RUNWAY 24R: Climb on heading 238° to intercept course 269° to cross CNWAY at or below 6000, then on track 260° to cross AYYLE at or above 9000, thence....

TAKEOFF RUNWAY 28: Climb on heading 281° to 2200, then as assigned by ATC for RADAR vectors to cross AYYLE at or above 9000, thence....

....on track 276° to cross BRNIN at or below 14000, then on track 285° to GTLKE then on (transition). Maintain 14000, expect filed altitude ten minutes after departure.

ALPHE TRANSITION (GTLKE4.ALPHE)
BAGEL TRANSITION (GTLKE4.BAGEL)
DAIFE TRANSITION (GTLKE4.DAIFE)
YABRO TRANSITION (GTLKE4.YABRO)

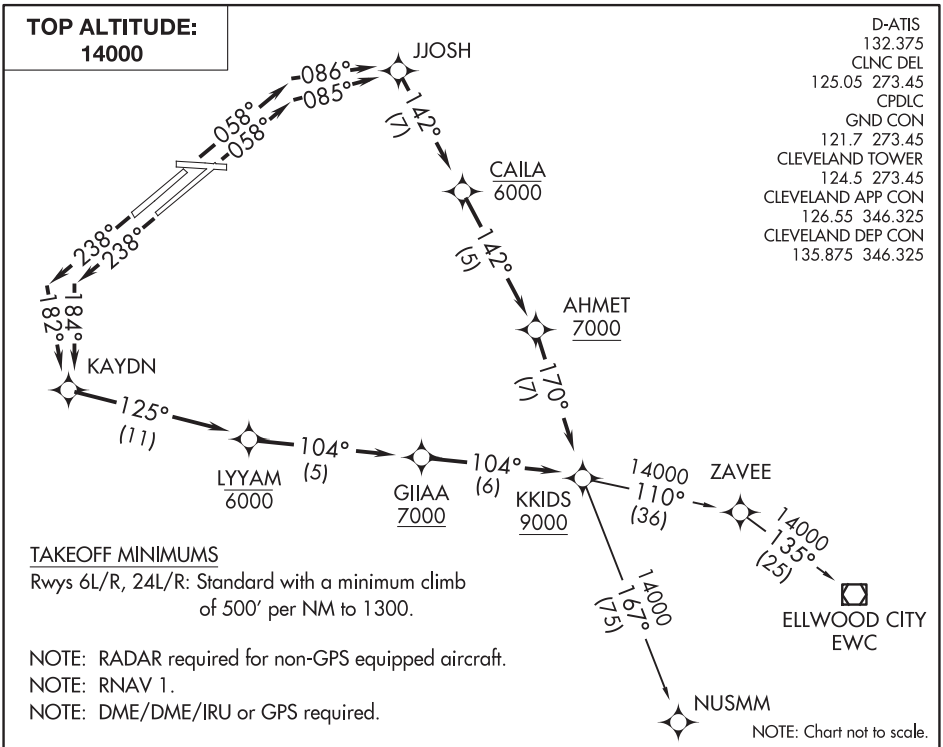
EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

(KKIDS1.KKIDS) 22139

AL-84 (FAA)

CLEVELAND-HOPKINS INTL (CLE)
CLEVELAND, OHIO

KKIDS ONE DEPARTURE (RNAV)



TAKEOFF MINIMUMS

Rwys 6L/R, 24L/R: Standard with a minimum climb of 500' per NM to 1300.

NOTE: RADAR required for non-GPS equipped aircraft.
NOTE: RNAV 1.
NOTE: DME/DME/IRU or GPS required.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 06L: Climb on heading 058° to intercept course 086° to JJOSH, then on track 142° to cross CAILA at or below 6000, then on track 142° to cross AHMET at or above 7000, then on track 170° to cross KKIDS at or above 9000 thence....

TAKEOFF RUNWAY 06R: Climb on heading 058° to intercept course 085° to JJOSH, then on track 142° to cross CAILA at or below 6000, then on track 142° to cross AHMET at or above 7000, then on track 170° to cross KKIDS at or above 9000 thence....

TAKEOFF RUNWAY 24L: Climb on heading 238° to intercept course 184° to KAYDN, then on track 125° to cross LYYAM at or below 6000, then on track 104° to cross GIIAA at or above 7000, then on track 104° to cross KKIDS at or above 9000, thence....

TAKEOFF RUNWAY 24R: Climb on heading 238° to intercept course 182° to KAYDN, then on track 125° to cross LYYAM at or below 6000, then on track 104° to cross GIIAA at or above 7000, then on track 104° to cross KKIDS at or above 9000, thence....

....on (Transition). Maintain 14000, expect filed altitude ten minutes after departure.

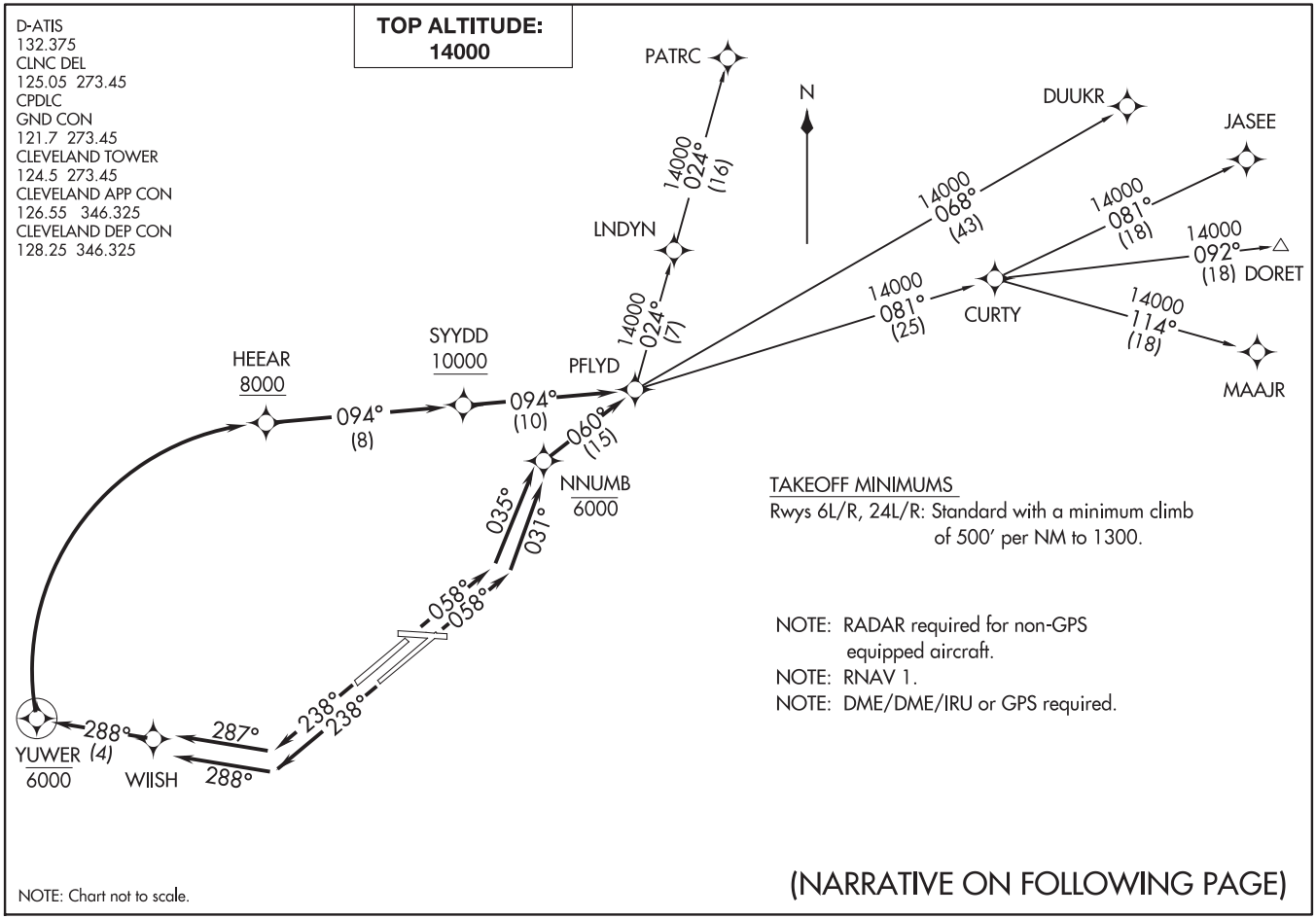
ELLWOOD CITY TRANSITION (KKIDS1.EWC)
NUSMM TRANSITION (KKIDS1.NUSMM)

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

PFLYD ONE DEPARTURE (RNAV)

(PFLYD1.PFLYD) 19JUL18

CLEVELAND, OHIO
CLEVELAND-HOPKINS INTL (CLE)



(PFLYD1.PFLYD) 22139

PFLYD ONE DEPARTURE (RNAV)

AL-84 (FAA)

CLEVELAND-HOPKINS INTL (CLE)
CLEVELAND, OHIO

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 06L: Climb on heading 058° to intercept course 035° to cross NNUMB at or below 6000, then on track 060° to PFLYD, thence....

TAKEOFF RUNWAY 06R: Climb on heading 058° to intercept course 031° to cross NNUMB at or below 6000, then on track 060° to PFLYD, thence....

TAKEOFF RUNWAY 24L: Climb on heading 238° to intercept course 288° to WIISH, then on track 288° to cross YUWER at or below 6000, then right turn direct to cross HEEAR at or above 8000, then on track 094° to cross SYYDD at or above 10000, then on track 094° to PFLYD, thence....

TAKEOFF RUNWAY 24R: Climb on heading 238° to intercept course 287° to WIISH, then on track 288° to cross YUWER at or below 6000, then right turn direct to cross HEEAR at or above 8000, then on track 094° to cross SYYDD at or above 10000, then on track 094° to PFLYD, thence....

....on (Transition). Maintain 14000, expect filed altitude ten minutes after departure.

DORET TRANSITION (PFLYD1.DORET)
DUUKR TRANSITION (PFLYD1.DUUKR)
JASEE TRANSITION (PFLYD1.JASEE)
MAAJR TRANSITION (PFLYD1.MAAJR)
PATRC TRANSITION (PFLYD1.PATRC)

EC-2, 12 JUN 2025 to 07 AUG 2025

ZAAPA FIVE DEPARTURE (RNAV)

EC-2, 12 JUN 2025 to 07 AUG 2025

ZAAPA FIVE DEPARTURE (RNAV)
(ZAAPA5.ZAAPA) 26MAR20
CLEVELAND, OHIO
CLEVELAND-HOPKINS INTL (CLE)

ZAAPA FIVE DEPARTURE (RNAV)

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 6L: Climb on heading 058° to intercept course 009° to cross EDMNN at or above 2000 and at or below 240K, then on track 318° to FTTZZ, then on track 250° to cross DINAA at or above 8000, then on track 235° to cross MOHUM at or above 9000, thence....

TAKEOFF RUNWAY 6R: Climb on heading 058° to intercept course 005° to cross EDMNN at or above 2000 and at or below 240K, then on track 318° to FTTZZ, then on track 250° to cross DINAA at or above 8000, then on track 235° to cross MOHUM at or above 9000, thence....

TAKEOFF RUNWAY 10: Climb on heading 101° to 3000, then as assigned by ATC for RADAR vectors to cross MOHUM at or above 9000, thence....

TAKEOFF RUNWAY 24L: Climb on heading 238° to intercept course 255° to cross DWEZL at or below 6000, then on track 250° to cross MOHUM at or above 9000, thence....

TAKEOFF RUNWAY 24R: Climb on heading 238° to intercept course 254° to cross DWEZL at or below 6000, then on track 250° to cross MOHUM at or above 9000, thence....

TAKEOFF RUNWAY 28: Climb on heading 281° to 2200, then as assigned by ATC for RADAR vectors to cross MOHUM at or above 9000, thence....

....on track 259° to cross ZAAPA at or below 14000, then on (transition). Maintain 14000 or as assigned by ATC, expect filed altitude ten minutes after departure.

PUUDL TRANSITION (ZAAPA5.PUUDL)
SINKR TRANSITION (ZAAPA5.SINKR)
SNNOH TRANSITION (ZAAPA5.SNNOH)

EC-2, 12 JUN 2025 to 07 AUG 2025

ILS or LOC RWY 24

CUYAHOGA COUNTY (CGF)

LOC/DME I-CGF	APP CRS	Rwy Idg	5000
111.1	237°	TDZE	873
Chan 48		Apt Elev	876

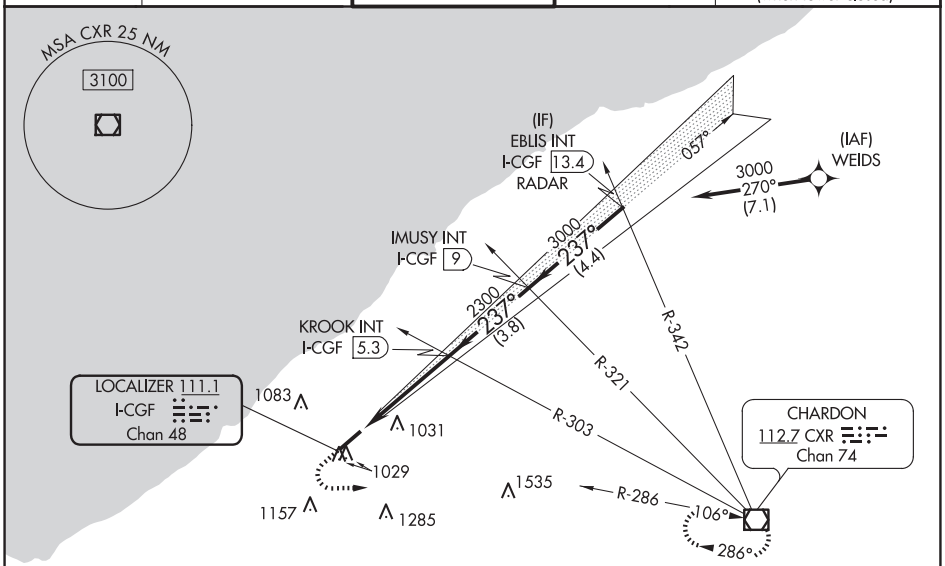
RNP APCH-GPS. From WEIDS.
RNAV 1-GPS or RADAR required for procedure entry.
Aircraft not GPS equipped - RADAR required for procedure entry.

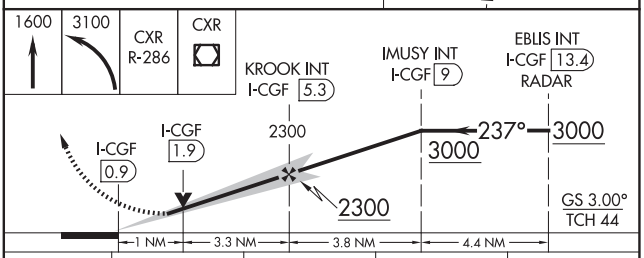
Autopilot coupled approach NA below 1513.
Rwy 24 helicopter visibility reduction below ¾ SM NA.
For inop ALS increase S-LOC Cats C/D to 1 SM.

MALSR

MISSED APPROACH: Climb to 1600 then climbing left turn to 3100 on CXR VOR/DME R-286 to CXR VOR/DME and hold.

D-ATIS	CLEVELAND APP CON	COUNTY TOWER★	GND CON	CLNC DEL
119.95	125.35 346.325	118.5 (CTAF) L	121.85	121.85 (when tower closed)





REIL Rwy 6 L
HIRL Rwy 6-24 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	1073-½ 200 (200-½)			
S-LOC 24	1240-½ 367 (400-½)		1240-⅝ 367 (400-⅝)	
C CIRCLING	1400-1 524 (600-1)	1500-1 624 (700-1)	1560-2 684 (700-2)	1620-2½ 744 (800-2½)

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

CLEVELAND, OHIO | AL-5027 (FAA) | 23278

RNAV (GPS) RWY 6

CUYAHOGA COUNTY (CGF)

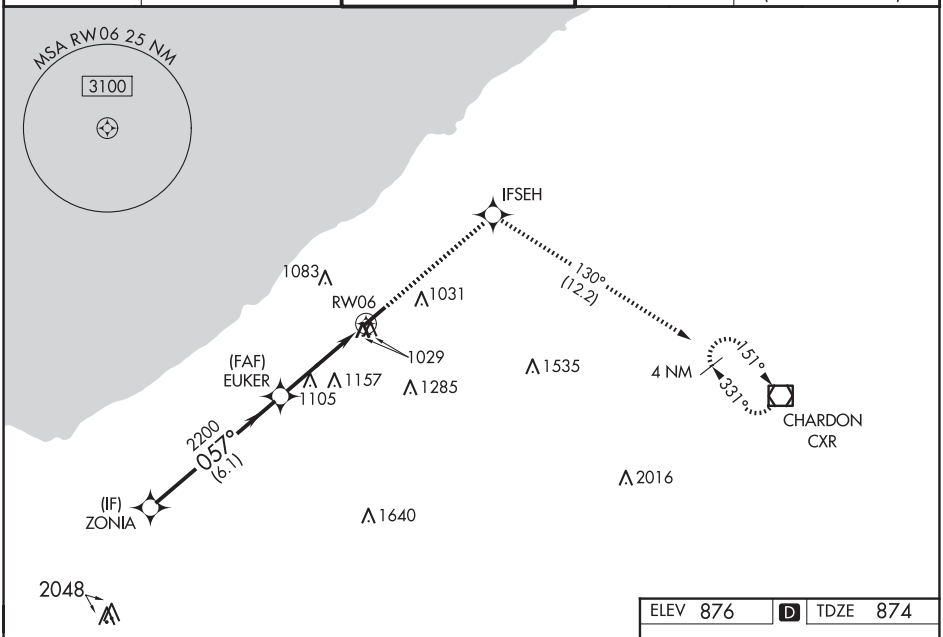
WAAS	APP CRS	Rwy Idg	5184
CH 70628	057°	TDZE	874
W06A		Apt Elev	876

RNP APCH.

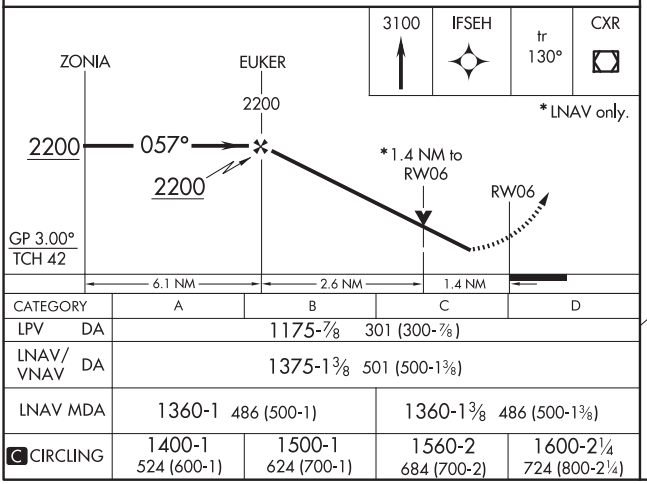
T A Rwy 6 helicopter visibility reduction below ¾ SM NA. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -16°C or above 38°C.

MISSED APPROACH: Climb to 3100 direct IFSEH and on track 130° to CXR VOR/DME and hold.

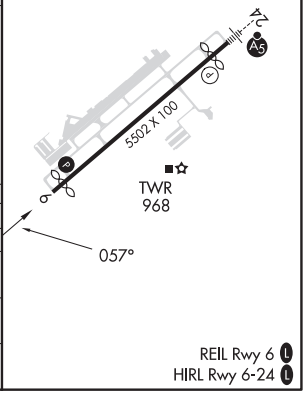
D-ATIS	CLEVELAND APP CON	COUNTY TOWER★	GND CON	CLNC DEL
119.95	125.35 346.325	118.5 (CTAF) L	121.85	121.85 (when tower closed)



ELEV 876 | D | TDZE 874



CATEGORY	A	B	C	D
LPV DA	1175-⅞ 301 (300-⅞)			
LNAV/VNAV DA	1375-1⅜ 501 (500-1⅜)			
LNAV MDA	1360-1 486 (500-1)		1360-1⅜ 486 (500-1⅜)	
C CIRCLING	1400-1 524 (600-1)	1500-1 624 (700-1)	1560-2 684 (700-2)	1600-2¼ 724 (800-2¼)



REIL Rwy 6 L
HIRL Rwy 6-24 L

CLEVELAND, OHIO
Amdt 2 08NOV18

41°34′N-81°29′W

CUYAHOGA COUNTY (CGF)

RNAV (GPS) RWY 6

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

RNAV (GPS) RWY 24

CUYAHOGA COUNTY (CGF)

WAAS CH 42528 W24A	APP CRS 238°	Rwy Idg 5000 TDZE 873 Apt Elev 876

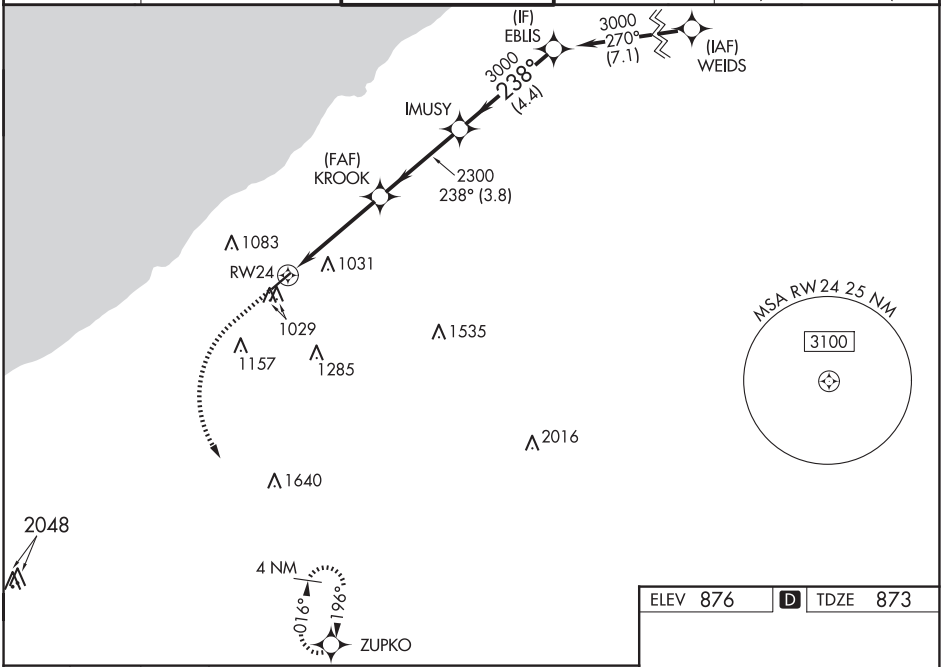
RNP APCH.

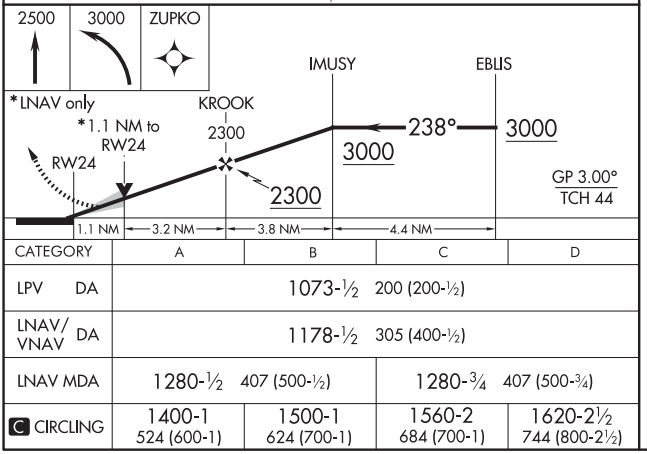
For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -16°C or above 38°C . For inop ALS increase LNAV/VNAV visibility all Cats to ⅞ SM, LNAV Cat C, D to 1⅛ SM.

MALSR

MISSED APPROACH: Climb to 2500 then climbing left turn to 3000 direct ZUPKO and hold.

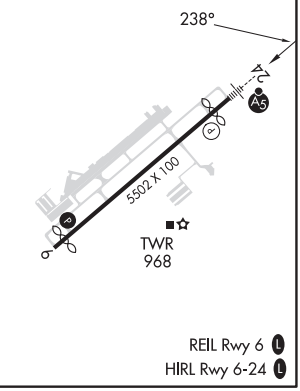
D-ATIS	CLEVELAND APP CON	COUNTY TOWER★	GND CON	CLNC DEL
119.95	125.35 346.325	118.5 (CTAF) L	121.85	121.85 (when tower closed)





CATEGORY	A	B	C	D
LPV DA	1073-½ 200 (200-½)			
LNAV/VNAV DA	1178-½ 305 (400-½)			
LNAV MDA	1280-½ 407 (500-½)		1280-¾ 407 (500-¾)	
C CIRCLING	1400-1 524 (600-1)	1500-1 624 (700-1)	1560-2 684 (700-1)	1620-2½ 744 (800-2½)

ELEV 876 D TDZE 873



REIL Rwy 6 L
HIRL Rwy 6-24 L

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

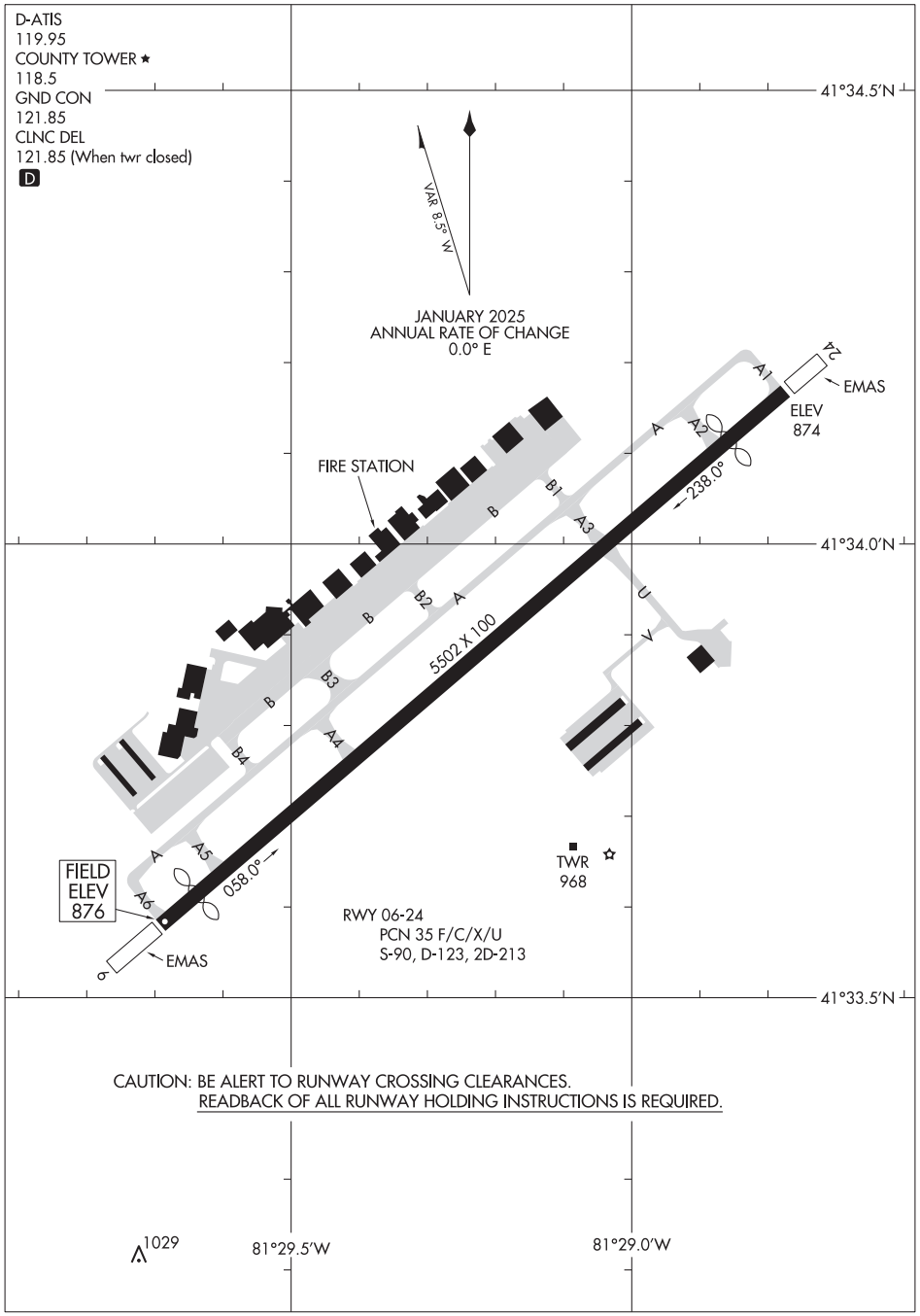
25107

AIRPORT DIAGRAM

AL-5027 (FAA)

CUYAHOGA COUNTY (CGF)

CLEVELAND, OHIO



EC-2, 12 JUN 2025 to 07 AUG 2025

EC-2, 12 JUN 2025 to 07 AUG 2025

AIRPORT DIAGRAM

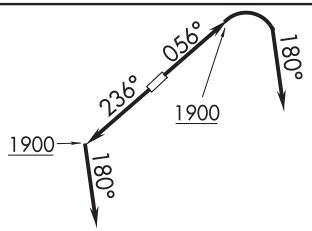
25107

CLEVELAND, OHIO

CUYAHOGA COUNTY (CGF)

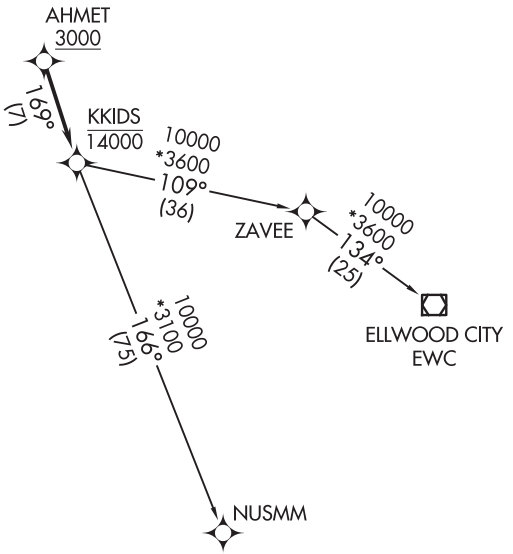
D-ATIS
119.95
CLNC DEL
121.85 (when tower closed)
GND CON
121.85
COUNTY TOWER ★
118.5 (CTAF)
CLEVELAND DEP CON
125.35 346.325

TOP ALTITUDE: ASSIGNED BY ATC



TAKEOFF MINIMUMS:
Rwys 6, 24: Standard with minimum climb of 500' per NM to 1400.

NOTE: RNAV 1.
NOTE: RADAR required.
NOTE: DME/DME/IRU or GPS required.



NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 6: Climb on heading 056° to 1900, then right turn on heading 180° or as assigned by ATC for RADAR vectors to cross AHMET at or above 3000, thence....
TAKEOFF RUNWAY 24: Climb on heading 236° to 1900, then on heading 180° or as assigned by ATC for RADAR vectors to cross AHMET at or above 3000, thence....

....on track 169° to cross KKIDS at or below 14000, then on (transition).
Maintain altitude assigned by ATC, expect filed altitude ten minutes after departure.

ELLWOOD CITY TRANSITION (AHMET4.EWC)
NUSMM TRANSITION (AHMET4.NUSMM)

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

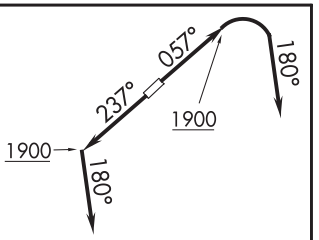
AL-5027 (FAA)

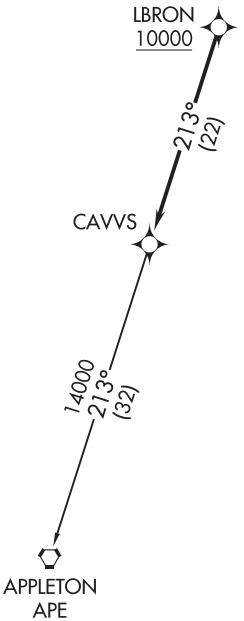
(CAVVS4.CAVVS) 23278
CAVVS FOUR DEPARTURE (RNAV)

CUYAHOGA COUNTY (CGF)
CLEVELAND, OHIO

D-ATIS
119.95
CLNC DEL
121.85 (when tower closed)
GND CON
121.85
COUNTY TOWER ★
118.5 (CTAF)
CLEVELAND DEP CON
125.35 346.325

TOP ALTITUDE: ASSIGNED BY ATC





NOTE: RADAR required.
NOTE: RNAV 1.
NOTE: DME/DME/IRU or GPS required.

TAKEOFF MINIMUMS:
Rwys 6, 24: Standard with a minimum climb of 500′ per NM to 1400.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 6: Climb on heading 057° to 1900, then right turn heading 180° or as assigned by ATC for RADAR vectors to cross LBRON at or above 10000, thence....
TAKEOFF RUNWAY 24: Climb on heading 237° to 1900, then on heading 180° or as assigned by ATC for RADAR vectors to cross LBRON at or above 10000, thence....

....on track 213° to CAVVS, then on (transition).
Maintain altitude assigned by ATC, expect filed altitude ten minutes after departure.

APPLETON TRANSITION (CAVVS4.APE)

NOTE: Chart not to scale.

EC-2, 12 JUN 2025 to 07 AUG 2025

EC-2, 12 JUN 2025 to 07 AUG 2025

GTLKE FOUR DEPARTURE (RNAV)

TOP ALTITUDE: ASSIGNED BY ATC

TAKEOFF MINIMUMS:
Rwys 6, 24: Standard with a minimum climb of 500' per NM to 1400.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 6: Climb on heading 057° to 1900, then on heading 330° or as assigned by ATC for RADAR vectors to cross AYYLE at or above 9000, thence....

TAKEOFF RUNWAY 24: Climb on heading 237° to 1900, then right turn heading 330° or as assigned by ATC for RADAR vectors to cross AYYLE at or above 9000, thence....

....on track 276° to cross BRNIN at or below 14000, then on track 285° to GTLKE then on (transition). Maintain ATC assigned altitude, expect filed altitude 10 minutes after departure.

ALPHE TRANSITION (GTLKE4.ALPHE)
BAGEL TRANSITION (GTLKE4.BAGEL)
DAIFE TRANSITION (GTLKE4.DAIFE)
YABRO TRANSITION (GTLKE4.YABRO)

NOTE: RADAR required.
NOTE: RNAV 1.
NOTE: DME/DME/IRU or GPS required.
NOTE: BAGEL TRANSITION: For aircraft landing MDW only, or as assigned by ATC.
NOTE: DAIFE TRANSITION: For aircraft landing ORD only, or as assigned by ATC.

GTLKE FOUR DEPARTURE (RNAV)
CLEVELAND, OHIO
CUYAHOGA COUNTY (CGF)

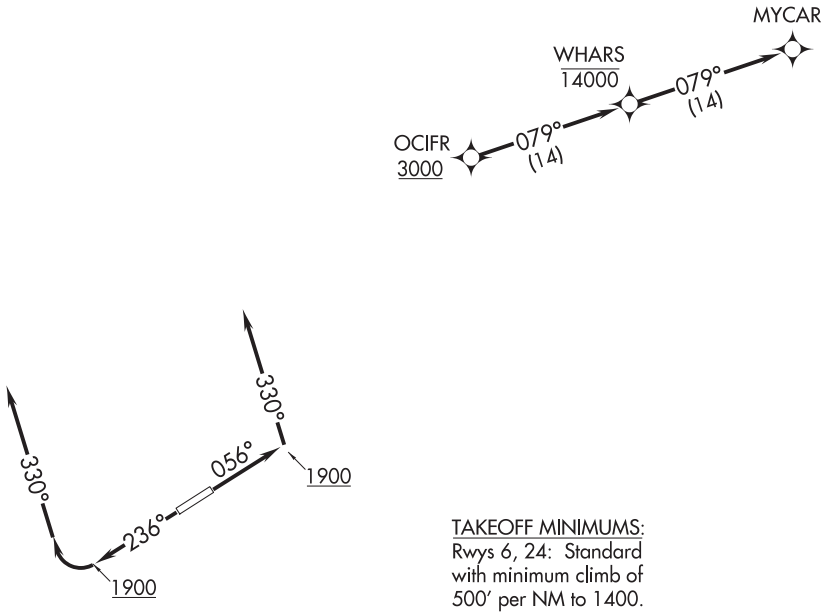
EC-2, 12 JUN 2025 to 07 AUG 2025

MYCAR FOUR DEPARTURE (RNAV)

TOP ALTITUDE: ASSIGNED BY ATC

D-ATIS
119.95
CLNC DEL
121.85 (when tower closed)
GND CON
121.85
COUNTY TOWER ★
118.5 (CTAF)
CLEVELAND DEP CON
125.35 346.325

NOTE: RNAV 1.
NOTE: RADAR required.
NOTE: DME/DME/IRU or GPS required.



TAKEOFF MINIMUMS:
Rwys 6, 24: Standard with minimum climb of 500′ per NM to 1400.

NOTE: Chart not to scale.

EC-2, 12 JUN 2025 to 07 AUG 2025

EC-2, 12 JUN 2025 to 07 AUG 2025

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 6: Climb on heading 056° to 1900, then on heading 330° or as assigned by ATC for RADAR vectors to cross OCIFR at or above 3000, thence....
TAKEOFF RUNWAY 24: Climb on heading 236° to 1900, then right turn on heading 330° or as assigned by ATC for RADAR vectors to cross OCIFR at or above 3000, thence....

....on track 079° to cross WHARS at or below 14000, then on track 079° to MYCAR. Maintain altitude assigned by ATC, expect filed altitude ten minutes after departure.

ZAAPA FIVE DEPARTURE (RNAV)

D-ATIS 119.95
CLNC DEL 121.85 (when tower closed)
GND CON 121.85
COUNTY TOWER ★ 118.5 (CTAF)
CLEVELAND DEP CON 125.35 346.325

TOP ALTITUDE: ASSIGNED BY ATC

TAKEOFF MINIMUMS:
Rwys 6, 24: Standard with a minimum climb of 500' per NM to 1400.

NOTE: RADAR required.
NOTE: RNAV 1.
NOTE: DME/DME/IRU or GPS required.
NOTE: PUUDL TRANSITION: For aircraft at or below FL220 only or as assigned by ATC.

NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 6: Climb on heading 057° to 1900, then on heading 330° or as assigned by ATC for RADAR vectors to cross MOHUM at or above 9000, thence....
TAKEOFF RUNWAY 24: Climb on heading 237° to 1900, then right turn heading 330° or as assigned by ATC for RADAR vectors to cross MOHUM at or above 9000, thence....

....on track 259° to cross ZAAPA at or below 14000, then on (transition). Maintain ATC assigned altitude, expect filed altitude ten minutes after departure.

PUUDL TRANSITION (ZAAPA5.PUUDL)
SINKR TRANSITION (ZAAPA5.SINKR)
SNNOH TRANSITION (ZAAPA5.SNNOH)

ZAAPA FIVE DEPARTURE (RNAV)
(ZAAPA5.ZAAPA) 26MAR20
CLEVELAND, OHIO
CUYAHOGA COUNTY (CGF)
EC-2, 12 JUN 2025 to 07 AUG 2025

COLUMBUS, INDIANA | AL-594 (FAA) | 25163

ILS or LOC RWY 23

COLUMBUS MUNI (BAK)

LOC I-BAK	APP CRS	Rwy Ldg	6401
110.7	228°	TDZE	656
		Apt Elev	656

ADF or RADAR required.

T A NA — For inop ALS increase S-LOC 23 Cats C/D visibility to 1 ⅛ SM.

MALSR

MISSED APPROACH: Climb to 1500 then climbing left turn to 2300 direct CLIFS LOM and hold, continue climb-in hold to 2300.

AWOS-3	INDIANAPOLIS APP CON	COLUMBUS TOWER ★	GND CON	CLNC DEL	UNICOM
119.75	134.85 317.8	118.6 (CTAF) L	121.6	134.85 (When twr closed)	122.95

Procedure NA for arrival on SHB VOR/DME airway radials 124 CW 231.

SHELBYVILLE
116.15 SHB
Chan 108 (Y)

2400
178°
(18.6)

183°
003°
048°
228°

2002

LOM/IAF
CLIFS
410 BA
RADAR

048°
810

R-3401B
R-3401A

685
824
1079
841
1185

LOCALIZER 110.7
I-BAK

MSA BA 25 NM
3100
090°
270°
2500

ELEV 656 D TDZE 656

228°
23
14
5
32
6401 X 150
5000 X 100

MIRL Rwy 14-32 L
HIRL Rwy 5-23 L
REIL Rwys 5, 14, and 32 L

FAF to MAP 4.6 NM					
Knots	60	90	120	150	180
Min:Sec	4:36	3:04	2:18	1:50	1:32

1500	2300	BA

BA LOM
RADAR

Remain within 10 NM

048°
2181
228°
2300
2300

GS 3.00°
TCH 51

4.6 NM

CATEGORY	A	B	C	D
S-ILS 23	856-½ 200 (200-½)			
S-LOC 23	1060-½ 404 (500-½)		1060-¾ 404 (500-¾)	
C CIRCLING	1140-1 484 (500-1)		1200-1½ 544 (600-1½)	1400-2½ 744 (800-2½)

COLUMBUS, INDIANA
Amdt 9 26DEC24

39°16′N-85°54′W

COLUMBUS MUNI (BAK)
ILS or LOC RWY 23

EC-2, 12 JUN 2025 to 07 AUG 2025

RNAV (GPS) RWY 5

COLUMBUS MUNI (BAK)

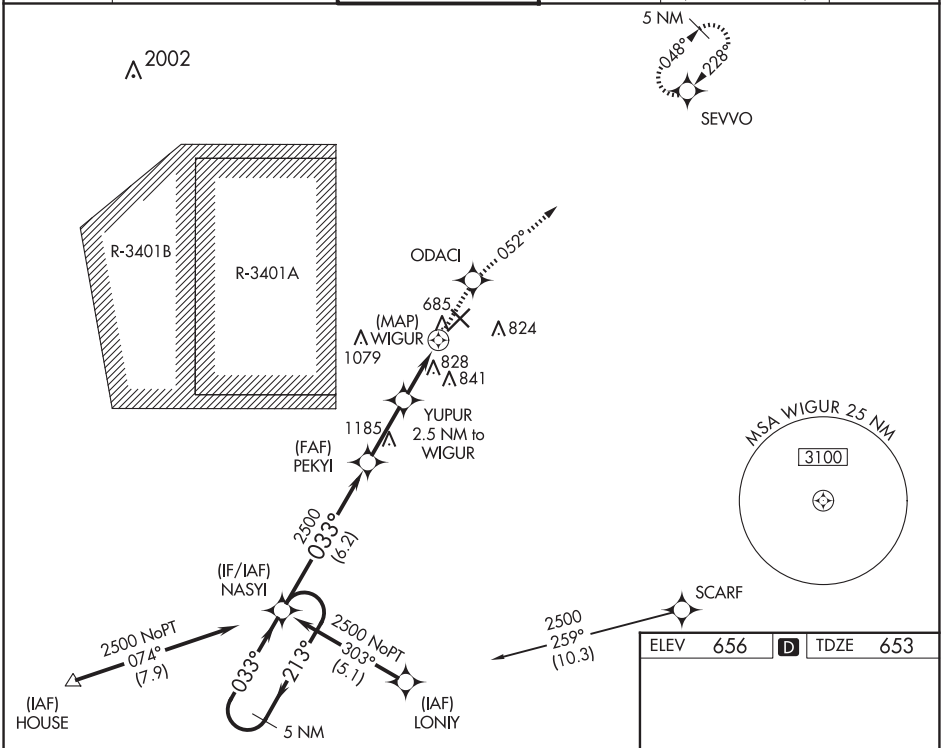
APP CRS	Rwy Ldg	6401
033°	TDZE	653
	Apt Elev	656

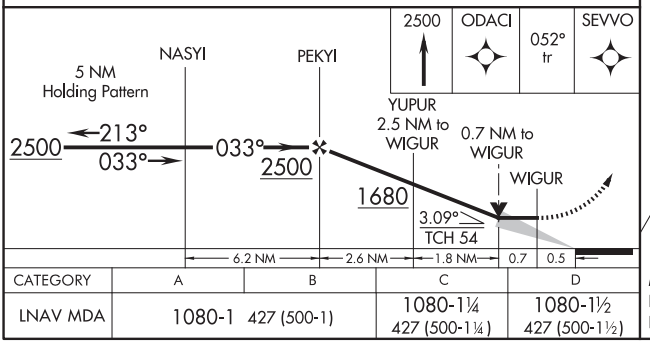
RNP APCH.

If local altimeter setting not received, use Indianapolis Intl altimeter setting and increase all MDAs 100 feet. VDP NA when using Indianapolis Intl altimeter setting.

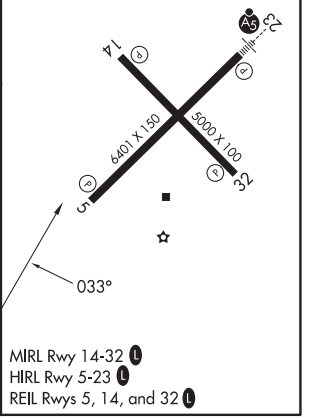
MISSED APPROACH: Climb to 2500 direct ODACI and on 052° track to SEVVO and hold.

AWOS-3	INDIANAPOLIS APP CON	COLUMBUS TOWER ★	GND CON	CLNC DEL	UNICOM
119.75	134.85 317.8	118.6 (CTAF) L	121.6	134.85 (When twr closed)	122.95





CATEGORY	A	B	C	D
LNAV MDA	1080-1	427 (500-1)	1080-1¼ 427 (500-1¼)	1080-1½ 427 (500-1½)



MIRL Rwy 14-32 L
HIRL Rwy 5-23 L
REIL Rwys 5, 14, and 32 L

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

COLUMBUS, INDIANA | AL-594 (FAA) | 25163

RNAV (GPS) RWY 14

COLUMBUS MUNI (BAK)

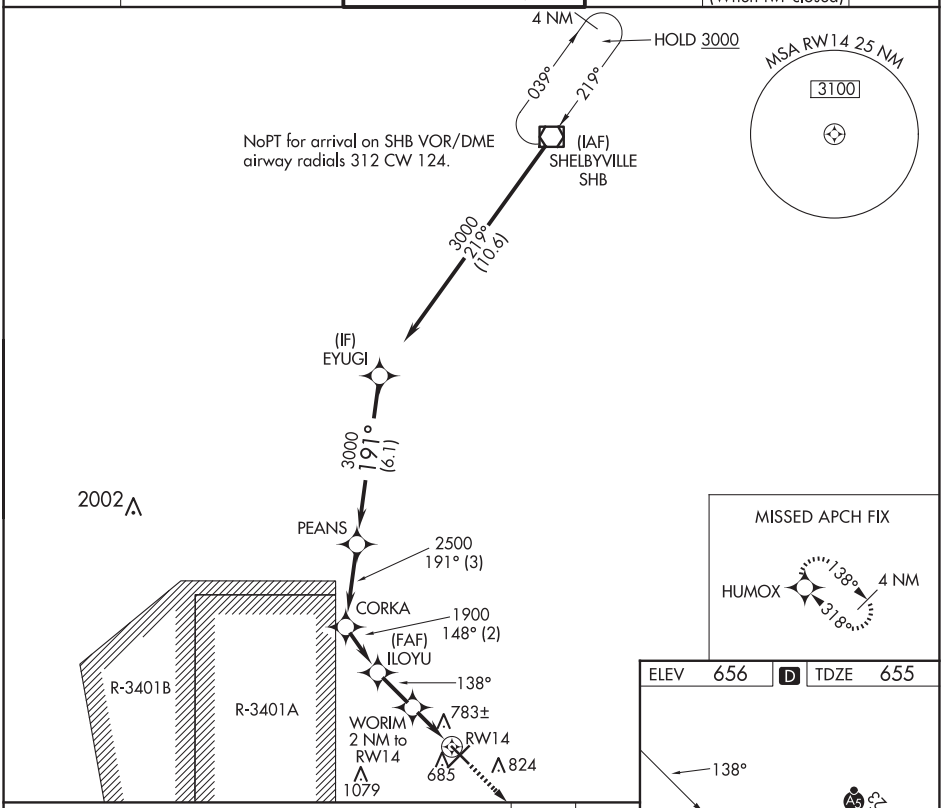
WAAS	APP CRS	Rwy Ldg	5000
CH 62847	138°	TDZE	655
W14A		Apt Elev	656

RNP APCH - GPS.

T For uncompensated Baro-VNAV systems, LNAV/VNAV NA
A below -16°C or above 54°C.

MISSED APPROACH: Climb to 2500 direct HUMOX and hold.

AWOS-3	INDIANAPOLIS APP CON	COLUMBUS TOWER ★	GND CON	CLNC DEL	UNICOM
119.75	134.85 317.8	118.6 (CTAF) L	121.6	134.85 (When twr closed)	122.95



CATEGORY	A	B	C	D
LPV DA		855-¾	200 (200-¾)	
LNAV/VNAV DA		944-⅞	289 (300-⅞)	
LNAV MDA	1040-1	385 (400-1)	1040-1⅛	385 (400-1⅛)
C CIRCLING	1140-1	484 (500-1)	1200-1½ 544 (600-1½)	1400-2½ 744 (800-2½)

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

RNAV (GPS) RWY 23

COLUMBUS MUNI (BAK)

WAAS CH 90399 W23A	APP CRS 228°	Rwy Ldg 6401 TDZE 656 Apt Elev 656

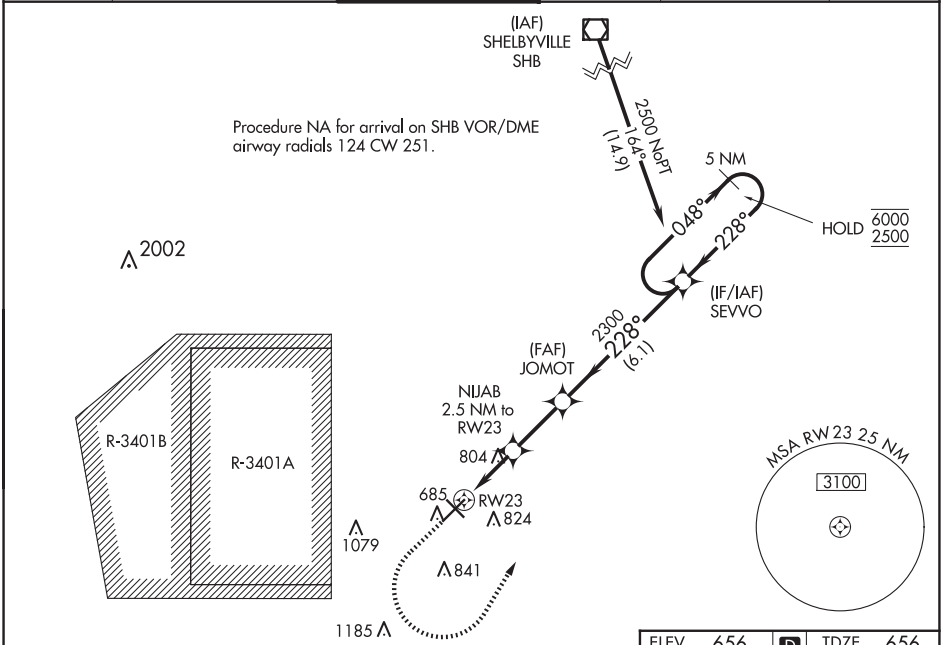
RNP APCH - GPS.

For inop ALS, increase LNAV Cat C/D visibility to 1⅛ SM.

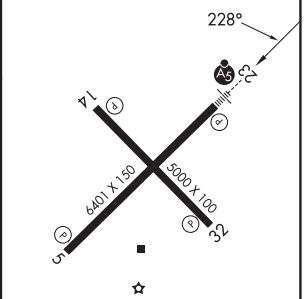
MALSR

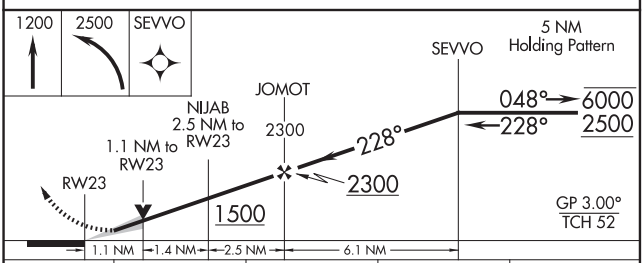
MISSED APPROACH: Climb to 1200, then climbing left turn to 2500 direct SEVVO and hold.

AWOS-3	INDIANAPOLIS APP CON	COLUMBUS TOWER ★	GND CON	CLNC DEL	UNICOM
119.75	134.85 317.8	118.6 (CTAF) L	121.6	134.85 (When twr closed)	122.95



ELEV 656 D TDZ 656





CATEGORY	A	B	C	D
LPV DA	906-½ 250 (300-½)			
LNAV MDA	1060-½ 404 (500-½)		1060-¾ 404 (500-¾)	

MIRL Rwy 14-32 L
HIRL Rwy 5-23 L
REIL Rwys 5, 14, and 32 L

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

COLUMBUS, INDIANA | AL-594 (FAA) | 25163

RNAV (GPS) RWY 32

COLUMBUS MUNI (BAK)

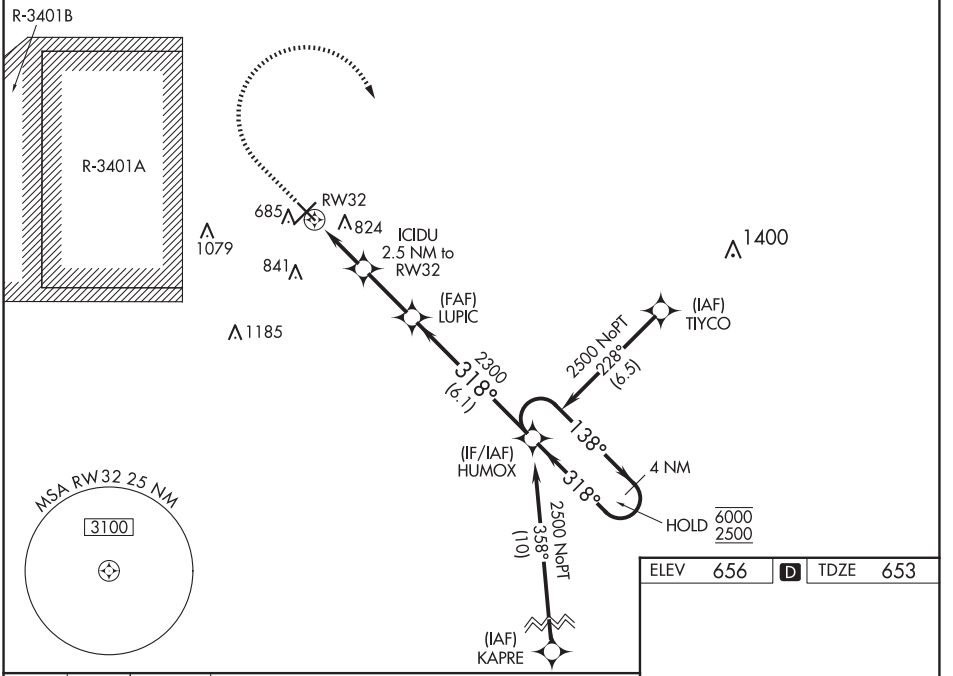
WAAS CH 50399 W32A	APP CRS 318°	Rwy Ldg 5000 / TDZE 653 / Apt Elev 656

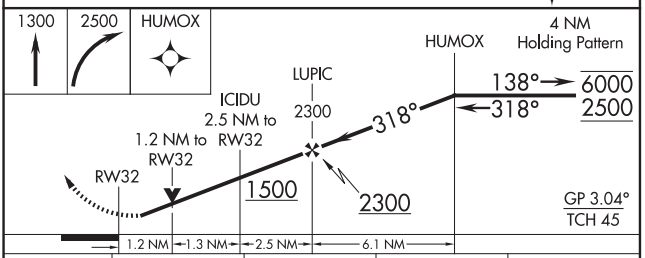
RNP APCH - GPS.

Rwy 32 helicopter visibility reduction below ¾ SM NA. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -16°C or above 54°C.

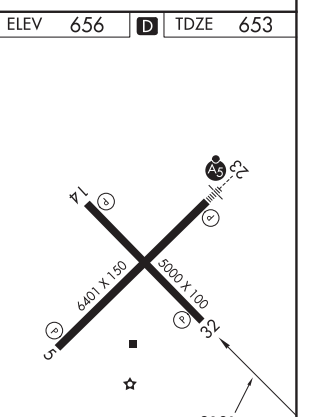
MISSED APPROACH: Climb to 1300, then climbing right turn to 2500 direct HUMOX and hold.

AWOS-3	INDIANAPOLIS APP CON	COLUMBUS TOWER ★	GND CON	CLNC DEL	UNICOM
119.75	134.85 317.8	118.6 (CTAF) L	121.6	134.85 (When twr closed)	122.95





CATEGORY	A	B	C	D
LPV DA	903-1	250 (300-1)		
LNAV/VNAV DA	1056-1⅛	403 (400-1⅛)		
LNAV MDA	1080-1	427 (500-1)	1080-1¼	427 (500-1¼)



MIRL Rwy 14-32 L
HIRL Rwy 5-23 L
REIL Rwys 5, 14, and 32 L

COLUMBUS, INDIANA
Amdt 1A 05SEP24

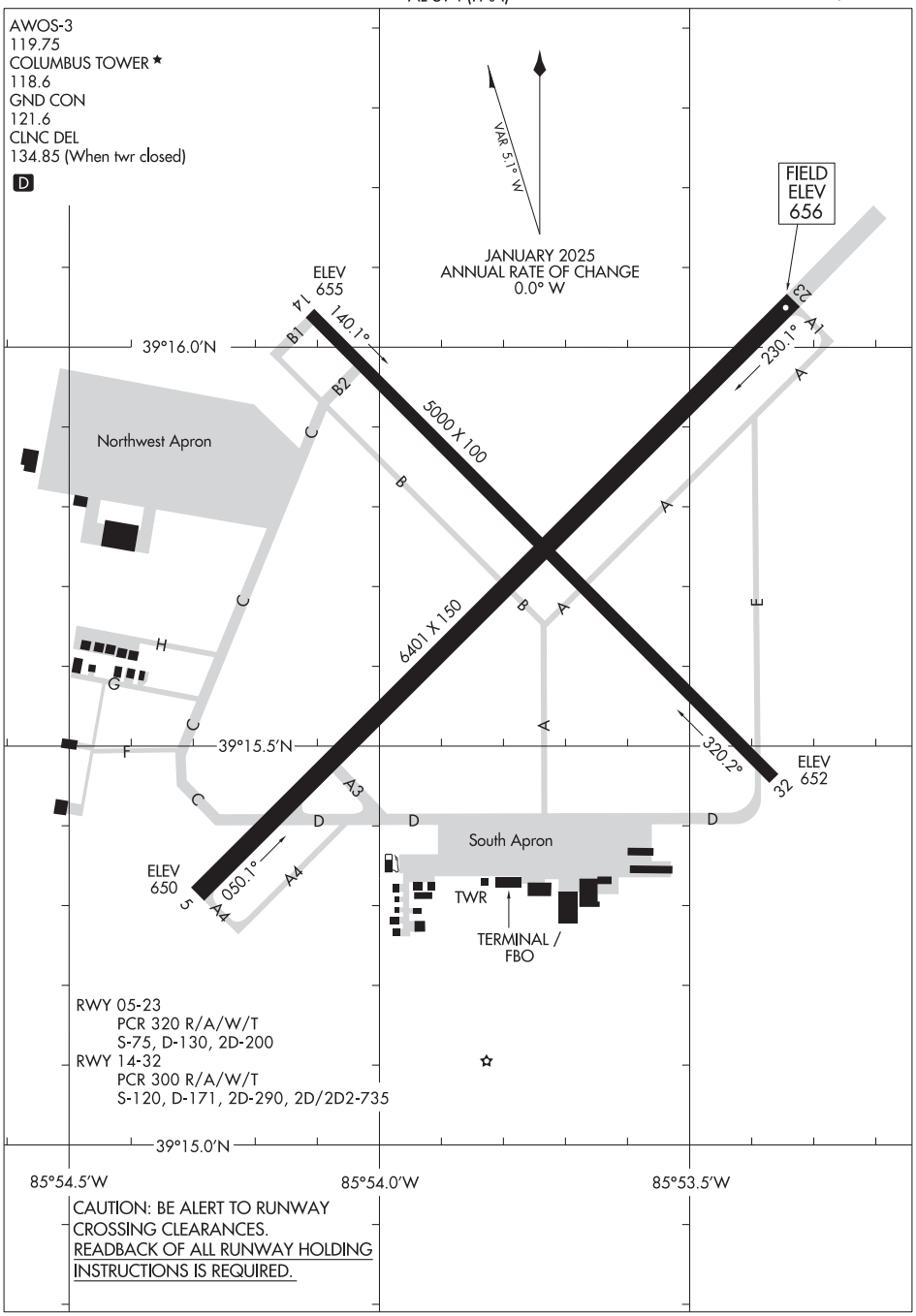
39°16'N-85°54'W

COLUMBUS MUNI (BAK)

RNAV (GPS) RWY 32

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

AL-594 (FAA)



EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

COLUMBUS, OHIO | AL-5958 (FAA) | 23166

ILS or LOC RWY 4
BOLTON FLD (TZR)

LOC I-BUZ	APP CRS	Rwy Idg	5500
111.7	037°	TDZE	904
		Apt Elev	904

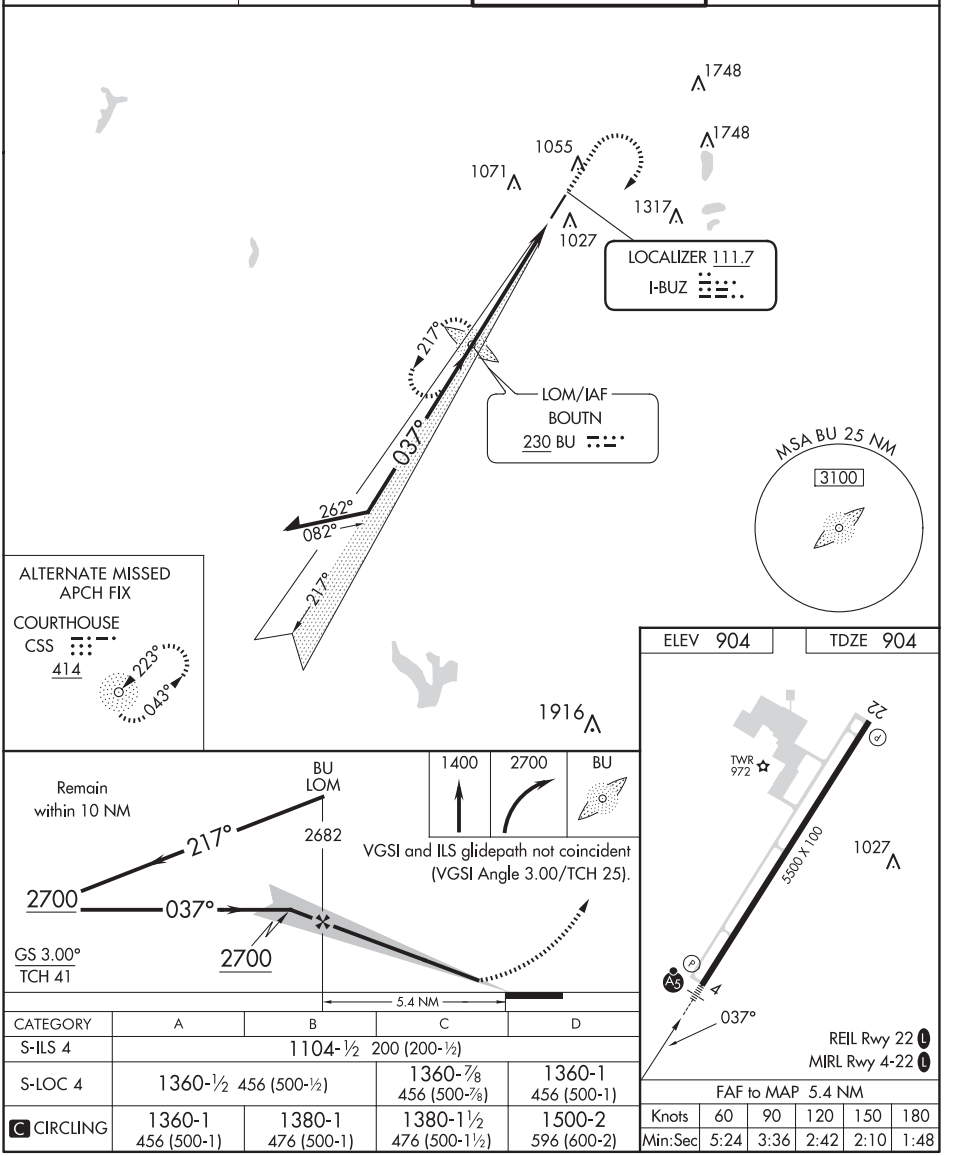
ADF required.
RADAR required for procedure entry.

AutoPilot coupled approach NA below 1144.

MALSR

MISSED APPROACH: Climb to 1400 then climbing right turn to 2700 direct BU LOM and hold.

AWOS-3PT	COLUMBUS APP CON	BOLTON TOWER ★	GND CON
135.925	134.0 279.6	128.1 (CTAF) L	121.8



CATEGORY	A	B	C	D
S-ILS 4	1104-½ 200 (200-½)			
S-LOC 4	1360-½ 456 (500-½)		1360-⅞ 456 (500-⅞)	1360-1 456 (500-1)
C CIRCLING	1360-1 456 (500-1)	1380-1 476 (500-1)	1380-1½ 476 (500-1½)	1500-2 596 (600-2)

FAF to MAP 5.4 NM

Knots	60	90	120	150	180
Min:Sec	5:24	3:36	2:42	2:10	1:48

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

RNAV (GPS) RWY 4

BOLTON FLD (TZR)

WAAS	APP CRS	Rwy Ldg	5500
CH 90505	037°	TDZE	904
W04A		Apt Elev	904

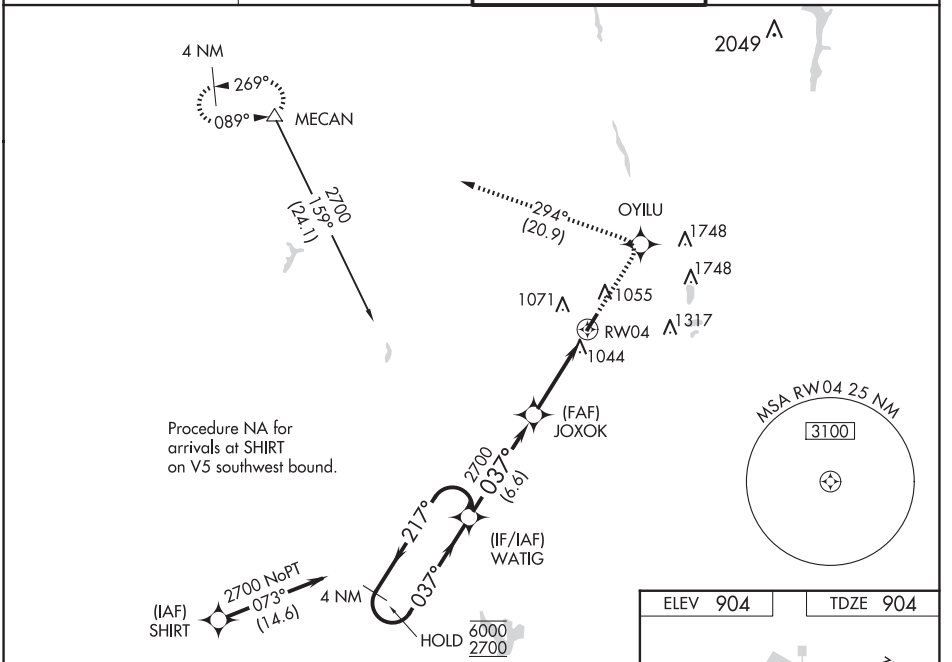
RNP APCH.

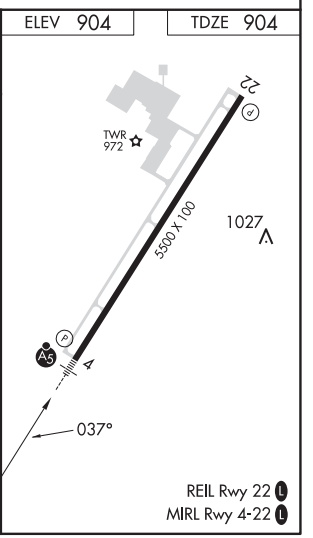
For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -16°C or above 54°C. For inop ALS, increase LNAV/VNAV all Cats visibility to 1¼ SM and LNAV Cats C/D visibility to 1⅜ SM.

MALSR

MISSED APPROACH: Climb to 3000 direct OYILU and left turn on track 294° to MECAN and hold.

AWOS-3PT	COLUMBUS APP CON	BOLTON TOWER★	GND CON
135.925	134.0 279.6	128.1 (CTAF) L	121.8

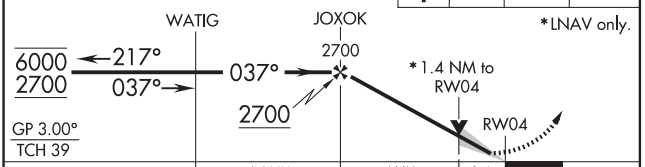




VGSI and RNAV glidepath not coincident (VGSI Angle 3.00/TCH 25).

3000	OYILU	tr 294°	MECAN

4 NM Holding Pattern



*LNAV only.

CATEGORY	A	B	C	D
LPV DA	1163-½ 259 (300-½)			
LNAV/VNAV DA	1325-1 421 (500-1)			
LNAV MDA	1360-½ 456 (500-½)		1360-⅞ 456 (500-⅞)	1360-1 456 (500-1)
C CIRCLING	1360-1 456 (500-1)	1380-1 476 (500-1)	1380-1½ 476 (500-1½)	1500-2 596 (600-2)

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

COLUMBUS, OHIO | AL-5958 (FAA) | 23166

RNAV (GPS) RWY 22

BOLTON FLD (TZR)

WAAS	APP CRS	Rwy Idg	5500
CH 65641	217°	TDZE	904
W22A		Apt Elev	904

For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -16°C (4°F) or above 54°C (130°F). Baro-VNAV and VDP NA when using John Glenn Columbus Intl altimeter setting. DME/DME RNP-0.3 NA. When local altimeter setting not received use John Glenn Columbus Intl setting and increase LPV DA to 1196 feet and LNAV/VNAV DA to 1382 feet and all MDA 60 feet; increase LPV and LNAV/VNAV all Cats visibility ⅛ SM, and LNAV Cat C/D visibility ¼ SM.

MISSED APPROACH: Climb to 2700 direct WATIG and hold.

AWOS-3PT	COLUMBUS APP CON	BOLTON TOWER ★	GND CON
135.925	134.0 279.6	128.1 (CTAF) L	121.8

RADAR REQUIRED

(IAF) SIZES

3000 128° (7)

(IF) HARIP

2300 217° (5)

1137 | 1748

(FAF) OPOKE

1055 | 1748

1071 | RW04

1317

MISSED APCH FIX

WATIG

4 NM 217° 037°

MSA RW 22 25 NM

3100

ELEV 904 | TDZE 904

217°

22

TWR 972

5500 X 100

1027

2700 | WATIG

VGSI and RNAV glidepath not coincident (VGSI Angle 3.00/TCH 25).

* LNAV only.

HARIP 3000

OPOKE 2300

*1.2 NM to RW22

RW22

217°

2300

GP 3.00° TCH 40

1.2 NM | 3.1 NM | 5 NM

CATEGORY	A	B	C	D
LPV DA	1154-⅞ 250 (300-⅞)			
LNAV/VNAV DA	1339-1½ 435 (500-1½)			
LNAV MDA	1320-1 416 (500-1)		1320-1⅛ 416 (500-1⅛)	
C CIRCLING	1360-1 456 (500-1)	1380-1 476 (500-1)	1380-1½ 476 (500-1½)	1500-2 596 (600-2)

REIL Rwy 22 L

MIRL Rwy 4-22 L

EC-2, 12 JUN 2025 to 07 AUG 2025

EC-2, 12 JUN 2025 to 07 AUG 2025

NDB RWY 4

BOLTON FLD (TZR)

LOM BU	APP CRS	Rwy Idg	5500
230	038°	TDZE	904
		Apt Elev	904

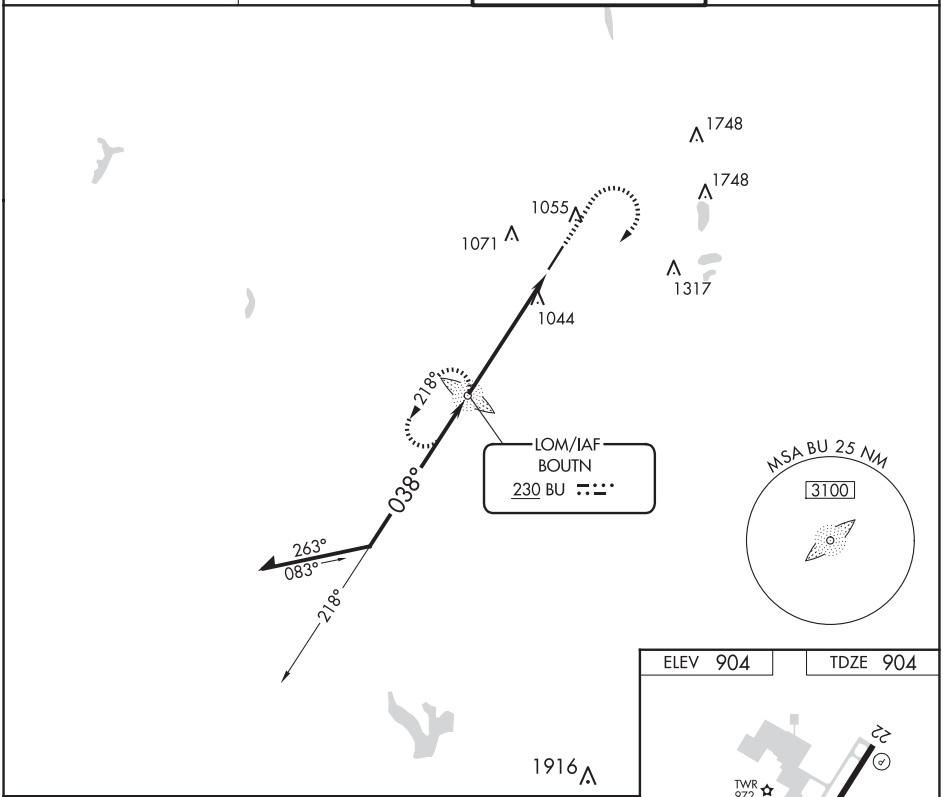
RADAR required for procedure entry.

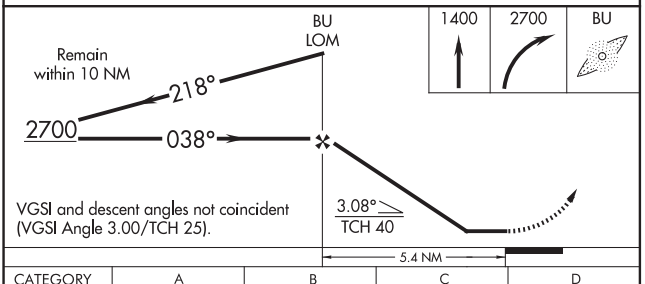
For inop ALS, increase S-4 Cats A/B visibility to 1 SM and S-4 Cats C/D visibility to 1⅜ SM.

MALSR

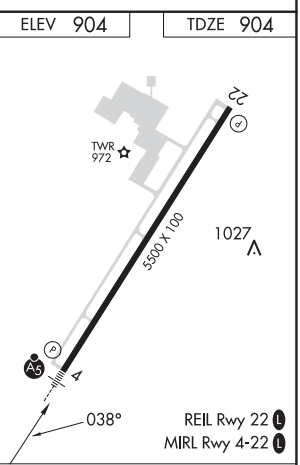
MISSED APPROACH: Climb to 1400 then climbing right turn to 2700 direct BU LOM and hold.

AWOS-3PT	COLUMBUS APP CON	BOLTON TOWER ★	GND CON
135.925	134.0 279.6	128.1 (CTAF) L	121.8





CATEGORY	A	B	C	D
S-4	1400-¾	496 (500-¾)	1400-1 496 (500-1)	1400-1¼ 496 (500-1¼)
C CIRCLING	1400-1	496 (500-1)	1400-1½ 496 (500-1½)	1500-2 596 (600-2)



FAF to MAP 5.4 NM					
Knots	60	90	120	150	180
Min:Sec	5:24	3:36	2:42	2:10	1:48

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

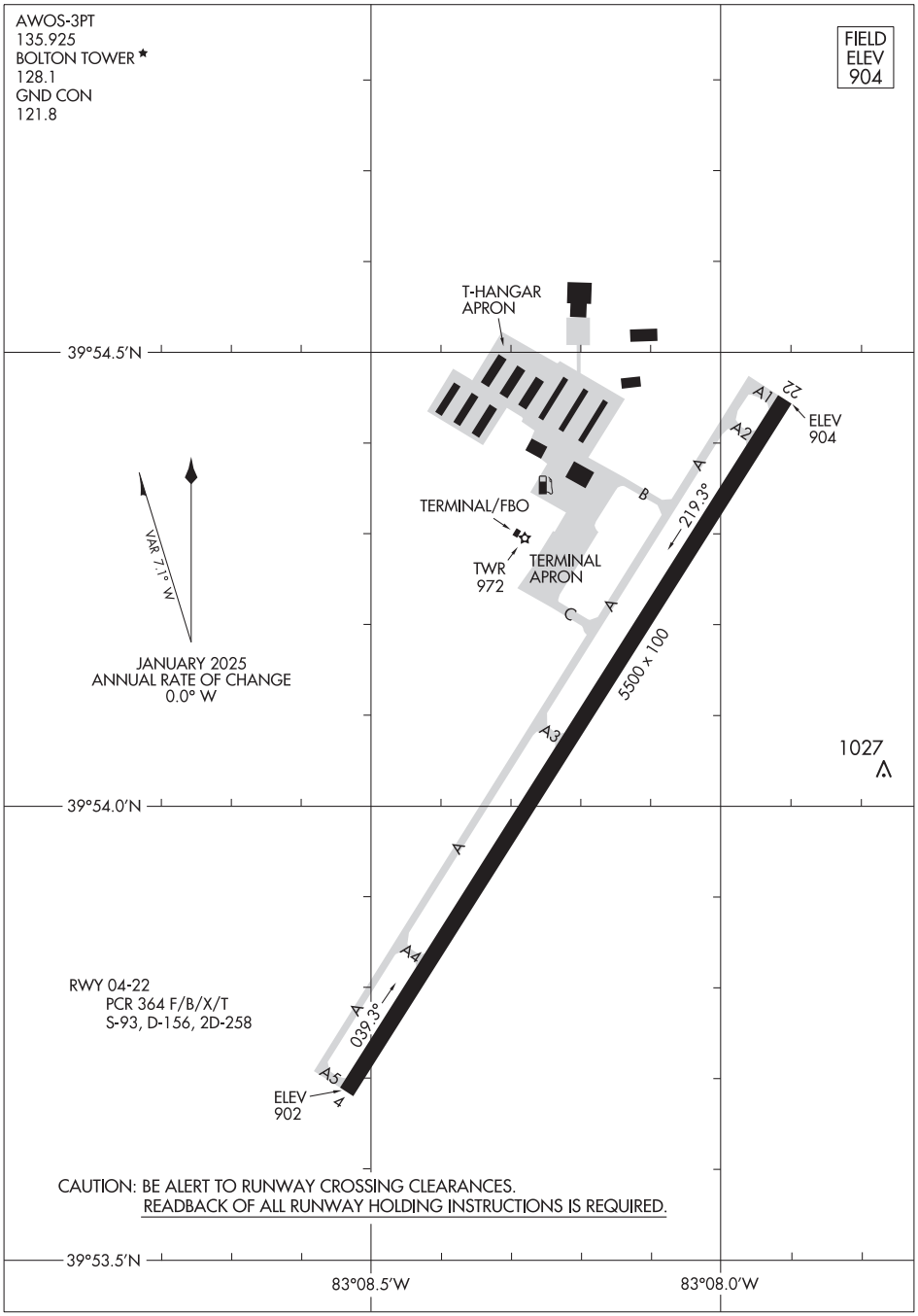
25107

AIRPORT DIAGRAM

BOLTON FLD (TZR)

AL-5958 (FAA)

COLUMBUS, OHIO



EC-2, 12 JUN 2025 to 07 AUG 2025

EC-2, 12 JUN 2025 to 07 AUG 2025

AIRPORT DIAGRAM
25107
COLUMBUS, OHIO
BOLTON FLD (TZR)

LOC/DME I-CBP	APP CRS	Rwy Idg 8000
109.1 Chan 28	101°	TDZE 815
		Apt Elev 815

ILS or LOC RWY 10L
JOHN GLENN COLUMBUS INTL (CMH)

DME or RADAR required.

Simultaneous approach authorized.
For inop ALS, increase S-LOC 10L Cat C/D visibility to 1⅜ SM.
* RVR 1800 authorized with the use of FD or AP or HUD to DA.

MALSR

MISSED APPROACH: Climb to 1400 then climbing left turn to 3000 direct APE VORTAC and hold.

D-ATIS	COLUMBUS APP CON	COLUMBUS TOWER	GND CON	CLNC DEL	CPDLC
124.6	125.95 371.975	132.7 257.8	121.9 348.6	126.3	

Procedure NA for arrival on APE VORTAC airway radials 196 CW 316.

APPLETON 116.7 APE Chan 114

R-055 055° 235° 3300 to MESRE 256° (23.9)

2049

LOCALIZER 109.1 I-CBP Chan 28

1503

(IF/IAF) MESRE I-CBP 7.5

(IAF) AMITE I-CBP 13.2 RADAR

POGLE I-CBP 9.7 RADAR

APE 23.9 RADAR

CCREW I-CBP 4.3 RADAR

1280

1129

1196

3300 101° (2.2)

1400

2300

101°

1 min

3.2

1029

1113

281°

281°

4000 NoPT 101° (3.5)

HOLD 5200 3300

1748

1175

1116

SILKN I-CBP 2.3 RADAR

1166

1094

1748

LOM BOUTN 230 BU

MSA APE 25 NM 3100

ALTERNATE MISSED APCH FIX

BOUTN BU 230

218° 038°

ELEV 815 D TDZE 815

One Minute Holding Pattern

MESRE I-CBP 7.5 RADAR

CCREW I-CBP 4.3 RADAR

SILKN I-CBP 2.3 RADAR

I-CBP DME ANTENNA

I-CBP 1.1

I-CBP 0.2

5200 3300 281° 101°

2300

1660

GS 3.00° TCH 50

3.2 NM 2 NM 1.2 NM 1.3 NM

1400	3000	APE

101°

8000 X 150 10L 28R

TWR 1026

10114 X 150 28L 01R

TDZ/CL Rwy 10R-28L
HIRL Rwys 10R-28L and 10L-28R

CATEGORY	A	B	C	D
S-ILS 10L*	1015/24 200 (200-½)			
S-LOC 10L	1280/24 465 (500-½)		1280/50 465 (500-1)	
C CIRCLING	1340-1 525 (600-1)		1520-2 705 (800-2)	1520-2¼ 705 (800-2¼)

FAF to MAP 4.5 NM

Knots	60	90	120	150	180
Min:Sec	4:30	3:00	2:15	1:48	1:30

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

COLUMBUS, OHIO | AL-94 (FAA) | 25163

LOC/DME I-AQI	APP CRS	Rwy Ldg 10114
111.75	101°	TDZE 809
Chan 54 (Y)		Apt Elev 815

ILS or LOC RWY 10R

JOHN GLENN COLUMBUS INTL (CMH)

ADF required. DME or RADAR required.

Simultaneous approach authorized.

MALSR

MISSED APPROACH: Climb to 1400 then climbing right turn to 3000 direct BU LOM and hold.

D-ATIS	COLUMBUS APP CON	COLUMBUS TOWER	GND CON	CLNC DEL	CPDLC
124.6	125.95 371.975	132.7 257.8	121.9 348.6	126.3	

ALTERNATE MISSED APCH FIX

055° 235° R-055

APPLETON APE 116.7 Chan 114

APPLETON 116.7 APE Chan 114

3300 to JOGMA 255° (24.2)

Procedure NA for arrival on APE VORTAC airway radials 194 CW 315.

(IAF) EPATY I-AQI 13.2 RADAR

AVUSE I-AQI 9.7 RADAR

(IF/IAF) JOGMA I-AQI 7.6

APE 24.2 RADAR

SHUUU I-AQI 4.4 RADAR

DEBBY I-AQI 2.4 RADAR

3300 101° (2.1)

2300 101° (3.2)

1 min 281°

281°

4000 NoPT 101° (3.5)

HOLD 5300 3300

2049 1503 1129 1280 1196 1400 1002 1113 1059 1175 1116 1748 1166 1094 1748

LOCALIZER 111.75 I-AQI Chan 54(Y)

MSA APE 25 NM 3100

LOM BOUTN 230 BU

218° 038°

ELEV 815 D TDZE 809

VGSI and ILS glidepath not coincident (VGSI Angle 3.00/ TCH 70).

1400 3000 BU

One Minute Holding Pattern

JOGMA I-AQI 7.6 RADAR

SHUUU I-AQI 4.4 RADAR

DEBBY I-AQI 2.4 RADAR

I-AQI DME ANTENNA

5300 3300 281° 101°

101° 2300

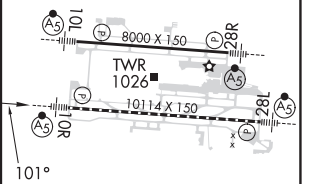
I-AQI 1.1

I-AQI 0.2

2300 1660

GS 3.00° TCH 54

3.2 NM 2 NM 1.3 1.2 NM



CATEGORY	A	B	C	D
S-ILS 10R	1009/18		200 (200-½)	
S-LOC 10R	1260/24	451 (500-½)	1260/45	451 (500-⅞)
C CIRCLING	1340-1	525 (600-1)	1520-2 705 (800-2)	1520-2¼ 705 (800-2¼)

TDZ/CL Rwy 10R-28L
HIRL Rwys 10R-28L and 10L-28R

FAF to MAP 4.5 NM

Knots	60	90	120	150	180
Min:Sec	4:30	3:00	2:15	1:48	1:30

COLUMBUS, OHIO
Amdt 10 22APR21

40°00′N-82°54′W

JOHN GLENN COLUMBUS INTL (CMH)
ILS or LOC RWY 10R

EC-2, 12 JUN 2025 to 07 AUG 2025

EC-2, 12 JUN 2025 to 07 AUG 2025

ILS or LOC RWY 28L

JOHN GLENN COLUMBUS INTL (CMH)

LOC/DME I-CMH	APP CRS	Rwy Ldg	10114
111.75	281°	TDZE	815
Chan 54 (Y)		Apt Elev	815

ADF required. DME or RADAR required.

Simultaneous approach authorized.

For inop ALS, increase S-LOC 28L Cat C/D visibility to 1⅜ SM.

MALSR

MISSED APPROACH: Climb to 1400 then climbing left turn to 3000 direct BU LOM and hold.

D-ATIS	COLUMBUS APP CON	COLUMBUS TOWER	GND CON	CLNC DEL	CPDLC
124.6	125.95 371.975	132.7 257.8	121.9 348.6	126.3	

ALTERNATE MISSED APCH FIX

055° 235° R-055

APPLETON APE 116.7 Chan 114

2049

1503

APPLETON 116.7 APE Chan 114

Procedure NA for arrival on APE VORTAC airway radials 143 CW 264.

4000 to VUZLI 204° (10.8)

LOCALIZER 111.75 I-CMH Chan 54(Y)

1280

1129

1196

ZIGTI I-CMH 4 RADAR

(IF) BKEYE I-CMH 9.5 RADAR

3300 281°(2.1)

1400

1113

2300 281° (3.2)

4000 281° (3.5) 101°

1066

1748

1116

LMITD I-CMH 6.3 RADAR

(IAF) VUZLI I-CMH 11.7 APE 10.8 RADAR

HAMON I-CMH 15.2 RADAR

1166

1094

1748

LOM BOUTN 230 BU

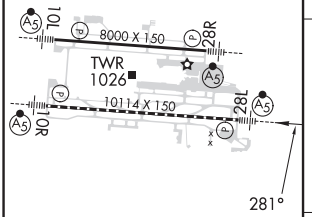
218° 038°

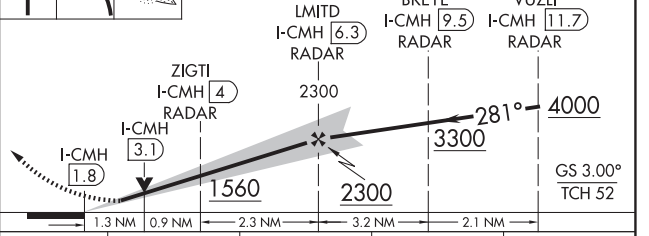
MSA APE 25 NM 3100

ELEV 815 D TDZE 815

1400 3000 BU

VGSI and ILS glidepath not coincident (VGSI Angle 3.00/TCH 68).





TDZ/CL Rwy 10R-28L
HIRL Rwys 10R-28L and 10L-28R

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 28L	1015/18 200 (200-½)			
S-LOC 28L	1300/24 485 (500-½)		1300/50 485 (500-1)	
C CIRCLING	1340-1 525 (600-1)		1520-2 705 (800-2)	1520-2¼ 705 (800-2¼)

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

COLUMBUS, OHIO | AL-94 (FAA) | 25107

ILS or LOC RWY 28R

JOHN GLENN COLUMBUS INTL (CMH)

LOC/DME I-ONB	APP CRS	Rwy Idg	8000
109.1	281°	TDZE	813
Chan 28		Apt Elev	815

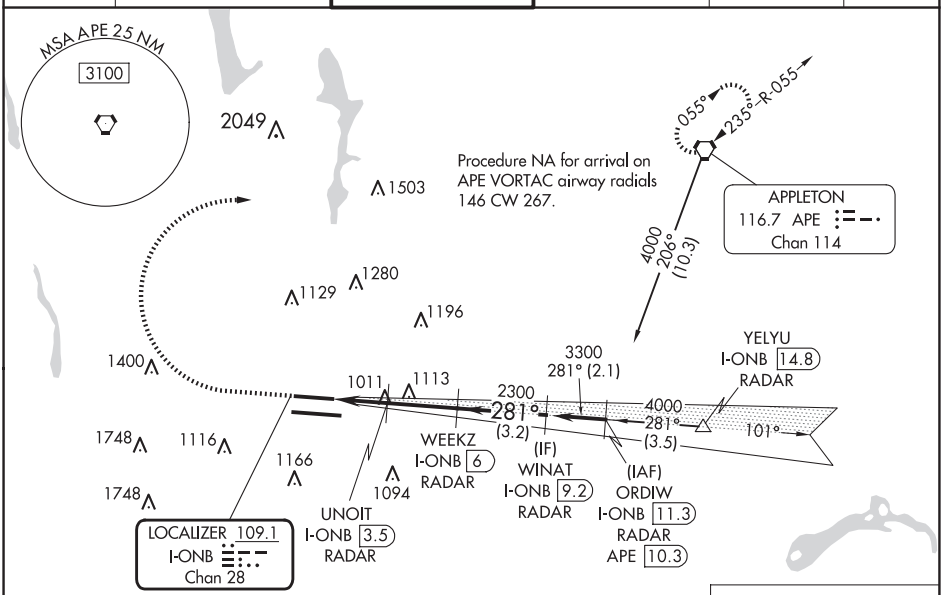
DME or RADAR required.

Simultaneous approach authorized. Autopilot coupled approach NA.
For inop ALS, increase S-LOC 28R Cat C/D visibility to 1⅜ SM.

MALSR

MISSED APPROACH: Climb to 1400 then climbing right turn to 3000 direct APE VORTAC and hold.

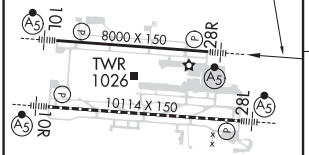
D-ATIS	COLUMBUS APP CON	COLUMBUS TOWER	GND CON	CLNC DEL	CPDLC
124.6	125.95 371.975	132.7 257.8	121.9 348.6	126.3	



ALTERNATE MISSED APCH FIX

BOUTN
BU
230
218°
038°

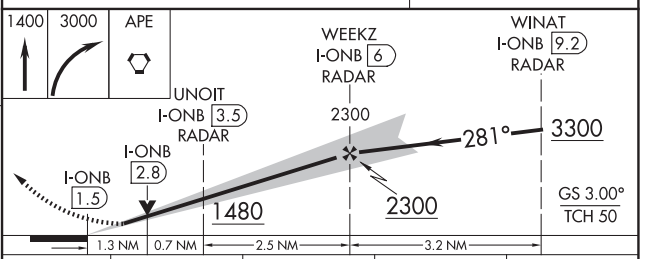
ELEV 815 | D | TDZE 813



TDZ/CL Rwy 10R-28L
HIRL Rwys 10R-28L and 10L-28R

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 28R	1013/24 200 (200-½)			
S-LOC 28R	1280/24 467 (500-½)		1280/50 467 (500-1)	
C CIRCLING	1340-1 525 (600-1)		1520-2 705 (800-2)	1520-2¼ 705 (800-2¼)

COLUMBUS, OHIO
Amdt 5 22APR21

40°00′N-82°54′W

JOHN GLENN COLUMBUS INTL (CMH)

ILS or LOC RWY 28R

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

LOC/DME I-AQI	APP CRS	Rwy Ldg 10114
111.75	101°	TDZE 809
Chan 54 (Y)		Apt Elev 815

ILS RWY 10R (SA CAT I & II)

JOHN GLENN COLUMBUS INTL (CMH)

ADF required. DME or RADAR required.

Simultaneous approach authorized.
SA CAT I, SA CAT II: Requires specific OPSPEC, MSPEC, or LOA approval.

MALSR

MISSED APPROACH: Climb to 1400 then climbing right turn to 3000 direct BU LOM and hold.

D-ATIS	COLUMBUS APP CON	COLUMBUS TOWER	GND CON	CLNC DEL	CPDLC
124.6	125.95 371.975	132.7 257.8	121.9 348.6	126.3	

ALTERNATE MISSED APCH FIX
055°
235°-R-055°
APPLETON APE 116.7 Chan 114

APPLETON 116.7 APE Chan 114
3300 to JOGMA 255° (24.2)

2049 1503 1280 1129 1196 1113 1059 1002 1400 1175 1116 1748 1166 1094 1748

(IF/IAF) JOGMA I-AQI 7.6 APE 24.2 RADAR
(IAF) EPATY I-AQI 13.2 RADAR
AVUSE I-AQI 9.7 RADAR
SHUUU I-AQI 4.4 RADAR
3300 101° (2.1)
2300 101° (3.2)
281°
1 min
281°
4000 NoPT 101° (3.5)
HOLD 5300 3300

Procedure NA for arrival on APE VORTAC airway radials 194 CW 315.

LOCALIZER 111.75 I-AQI Chan 54(Y)

MSA APE 25 NM 3100

LOM BOUTN 230 BU
218°
038°

ELEV 815 D TDZE 809

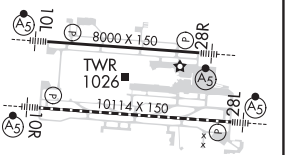
VGSI and ILS glidepath not coincident (VGSI Angle 3.00/ TCH 70).

1400	3000	BU

One Minute Holding Pattern
JOGMA I-AQI 7.6 RADAR
SHUUU I-AQI 4.4 RADAR
5300 3300 281° 101°
101° 2300
GS 3.00° TCH 54
2300
3.2 NM 4.5 NM 1000'

CATEGORY	A	B	C	D
S-ILS 10R	SA CAT I	RA 146/14	150 DA 959	
S-ILS 10R	SA CAT II	RA 99/12	100 DA 909	

SA CATEGORY I & II ILS- SPECIAL AIRCREW & AIRCRAFT CERTIFICATION REQUIRED



TDZ/CL Rwy 10R-28L
HIRL Rwys 10R-28L and 10L-28R

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

COLUMBUS, OHIO | AL-94 (FAA) | 25163

ILS RWY 28L (SA CAT I & II)

JOHN GLENN COLUMBUS INTL (CMH)

LOC/DME I-CMH	APP CRS	Rwy Ldg	10114
111.75	281°	TDZE	815
Chan 54 (Y)		Apt Elev	815

ADF required. DME or RADAR required.

Simultaneous approach authorized.
SA CAT I, SA CAT II: Requires specific OPSPEC, MSPEC, or LOA approval.

MALSR

MISSED APPROACH: Climb to 1400 then climbing left turn to 3000 direct BU LOM and hold.

D-ATIS	COLUMBUS APP CON	COLUMBUS TOWER	GND CON	CLNC DEL	CPDLC
124.6	125.95 371.975	132.7 257.8	121.9 348.6	126.3	

ALTERNATE MISSED APCH FIX

055° 235° R-055

APPLETON APE 116.7 Chan 114

2049

1503

APPLETON 116.7 APE Chan 114

Procedure NA for arrival on APE VORTAC airway radials 143 CW 264.

4000 to VUZLI 204° (10.8)

LOCALIZER 111.75 I-CMH Chan 54(Y)

1280 1129 1196 1400 1113

(IF) BKEYE I-CMH 9.5 RADAR

3300 281°(2.1)

2300 281° (3.2) 4000 281° (3.5) 101°

1748 1116 1066 1748 1166 1094

LMTD I-CMH 6.3 RADAR

(IAF) VUZLI I-CMH 11.7 APE 10.8 RADAR

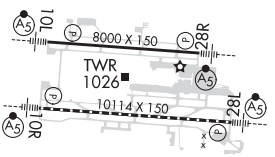
HAMON I-CMH 15.2 RADAR

LOM BOUTN 230 BU

218° 038°

MSA APE 25 NM 3100

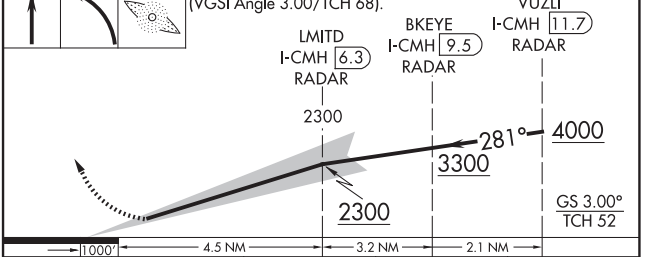
ELEV 815 D TDZE 815



TDZ/CL Rwy 10R-28L
HIRL Rwys 10R-28L and 10L-28R

1400 | 3000 | BU

VGSI and ILS glidepath not coincident (VGSI Angle 3.00/TCH 68).



CATEGORY	A	B	C	D
S-ILS 28L	SA CAT I RA 157/14 150 DA 965			
S-ILS 28L	SA CAT II RA 100/12 100 DA 915			

SA CATEGORY I & II ILS - SPECIAL AIRCREW & AIRCRAFT CERTIFICATION REQUIRED

COLUMBUS, OHIO
Amdt 31 22APR21

40°00'N-82°54'W

JOHN GLENN COLUMBUS INTL (CMH)

ILS RWY 28L (SA CAT I & II)

EC-2, 12 JUN 2025 to 07 AUG 2025

EC-2, 12 JUN 2025 to 07 AUG 2025

APP CRS	Rwy Idg	8000
101°	TDZE	815
	Apt Elev	815

RNAV (RNP) Z RWY 10L

JOHN GLENN COLUMBUS INTL (CMH)

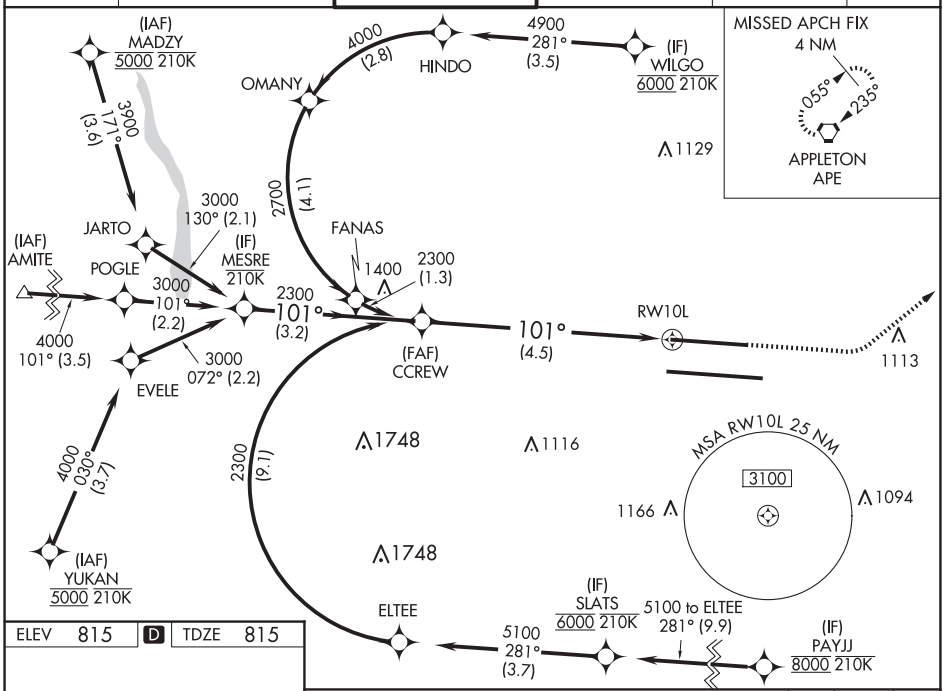
RNP AR APCH - GPS.

Simultaneous approach authorized. For uncompensated Baro-VNAV systems, procedure NA below -14°C or above 54°C. For inop ALS, increase RNP 0.30 all Cats visibility to RVR 6000.

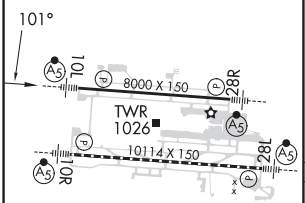
MALSR

MISSED APPROACH: Climb to 1400 then climbing left turn to 3000 direct APE VORTAC and hold.

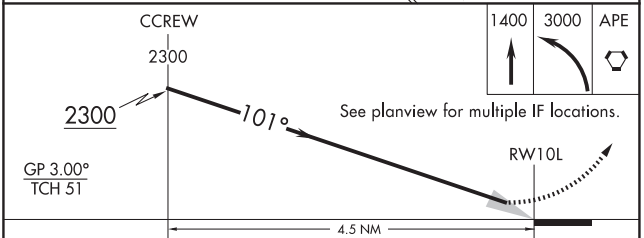
D-ATIS	COLUMBUS APP CON	COLUMBUS TOWER	GND CON	CLNC DEL	CPDLC
124.6	125.95 371.975	132.7 257.8	121.9 348.6	126.3	



ELEV 815 D TDZE 815



TDZ/CL Rwys 10R and 28L
HIRL Rwys 10R-28L and 10L-28R



CATEGORY	A	B	C	D
RNP 0.13 DA	1148/26 333 (400-½)			
RNP 0.26 DA	1198/35 383 (400-⅝)			
RNP 0.30 DA	1216/40 401 (500-¾)			

AUTHORIZATION REQUIRED

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

COLUMBUS, OHIO AL-94 (FAA) 25163

APP CRS	Rwy Idg	10114
101°	TDZE	809
	Apt Elev	815

RNAV (RNP) Z RWY 10R

JOHN GLENN COLUMBUS INTL (CMH)

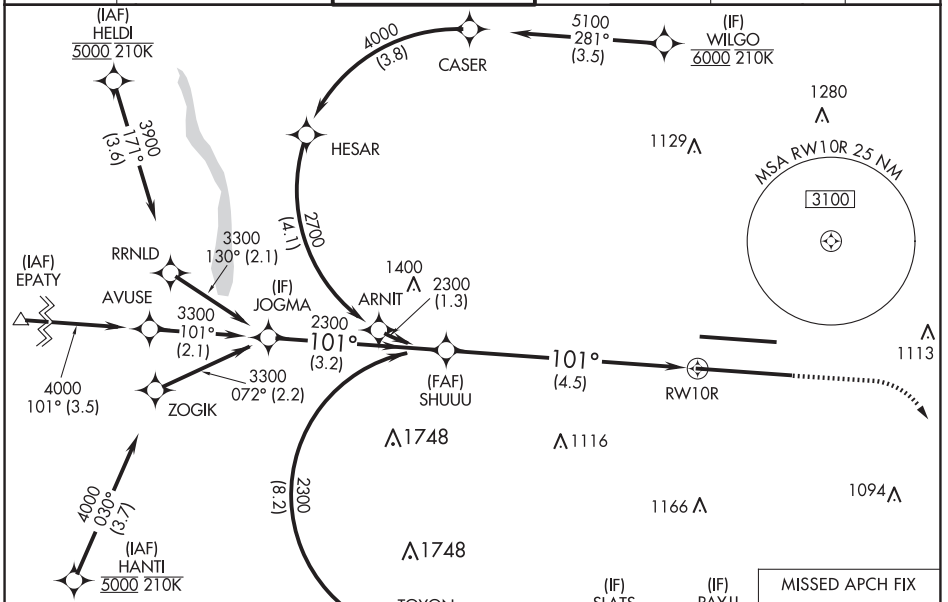
RNP AR APCH - GPS.

Simultaneous approach authorized. For uncompensated Baro-VNAV systems, procedure NA below -14°C or above 54°C. For inop ALS, increase RNP 0.30 all Cats visibility to RVR 6000.

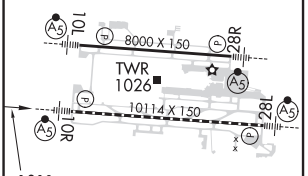
MALSR

MISSED APPROACH: Climb to 1400 then climbing right turn to 3000 direct BOUTN LOM and hold.

D-ATIS	COLUMBUS APP CON	COLUMBUS TOWER	GND CON	CLNC DEL	CPDLC
124.6	125.95 371.975	132.7 257.8	121.9 348.6	126.3	



ELEV 815 D TDZE 809

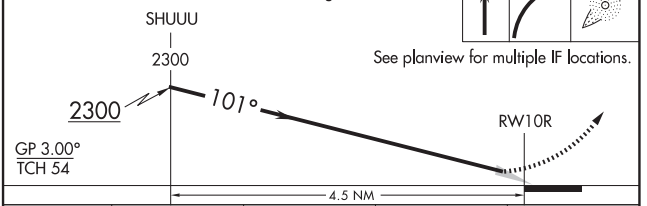


TDZ/CL Rwys 10R and 28L
HIRL Rwys 10R-28L and 10L-28R

VGSI and RNAV glidepath not coincident (VGSI Angle 3.00/TCH 70).

1400	3000	BU

See planview for multiple IF locations.



CATEGORY	A	B	C	D
RNP 0.17 DA		1138/26	329 (400-½)	
RNP 0.30 DA		1214/40	405 (400-¾)	

AUTHORIZATION REQUIRED

COLUMBUS, OHIO
Amdt 3 26DEC24

40°00'N-82°54'W

JOHN GLENN COLUMBUS INTL (CMH)
RNAV (RNP) Z RWY 10R

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

APP CRS	Rwy Ldg	10114
281°	TDZE	815
	Apt Elev	815

RNAV (RNP) Z RWY 28L

JOHN GLENN COLUMBUS INTL (CMH)

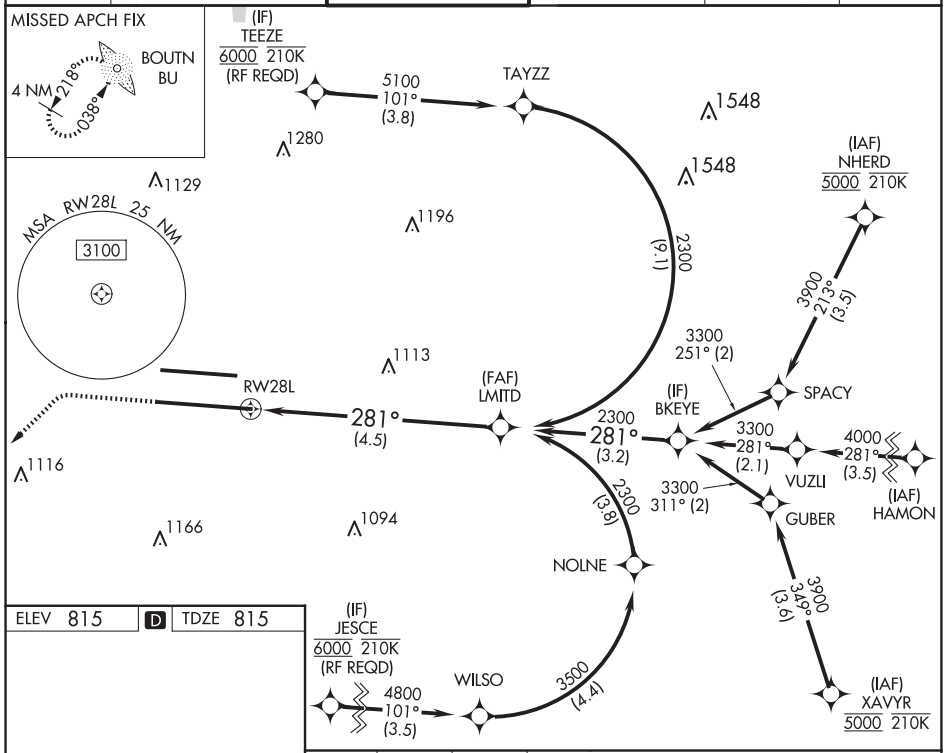
RNP AR APCH.

For uncompensated Baro-VNAV systems, procedure NA below -19°C or above 54°C. For inop ALS, increase RNP 0.30 all Cats visibility to 1⅜ SM. Simultaneous approach authorized.

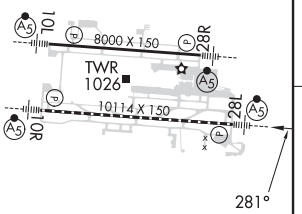
MALSR

MISSED APPROACH: Climb to 1400 then climbing left turn to 3000 direct BOUTN LOM and hold.

D-ATIS	COLUMBUS APP CON	COLUMBUS TOWER	GND CON	CLNC DEL	CPDLC
124.6	125.95 371.975	132.7 257.8	121.9 348.6	126.3	

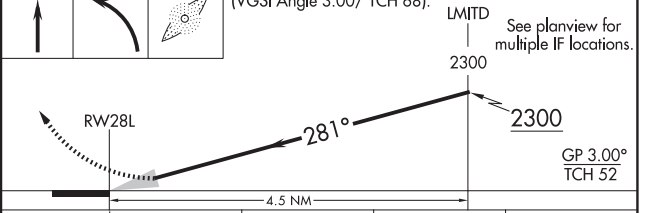


ELEV 815 D TDZE 815



1400	3000	BU

VGSI and RNAV glidepath not coincident (VGSI Angle 3.00/ TCH 68).



CATEGORY	A	B	C	D
RNP 0.17 DA	1147/26	332 (400-½)		
RNP 0.30 DA	1314/50	499 (500-1)		

AUTHORIZATION REQUIRED

TDZ/CL Rwy 10R-28L
HIRL Rwys 10R-28L and 10L-28R

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

COLUMBUS, OHIO | AL-94 (FAA) | 25107

RNAV (RNP) Z RWY 28R

JOHN GLENN COLUMBUS INTL (CMH)

APP CRS	Rwy Idg	8000
281°	TDZE	813
	Apt Elev	815

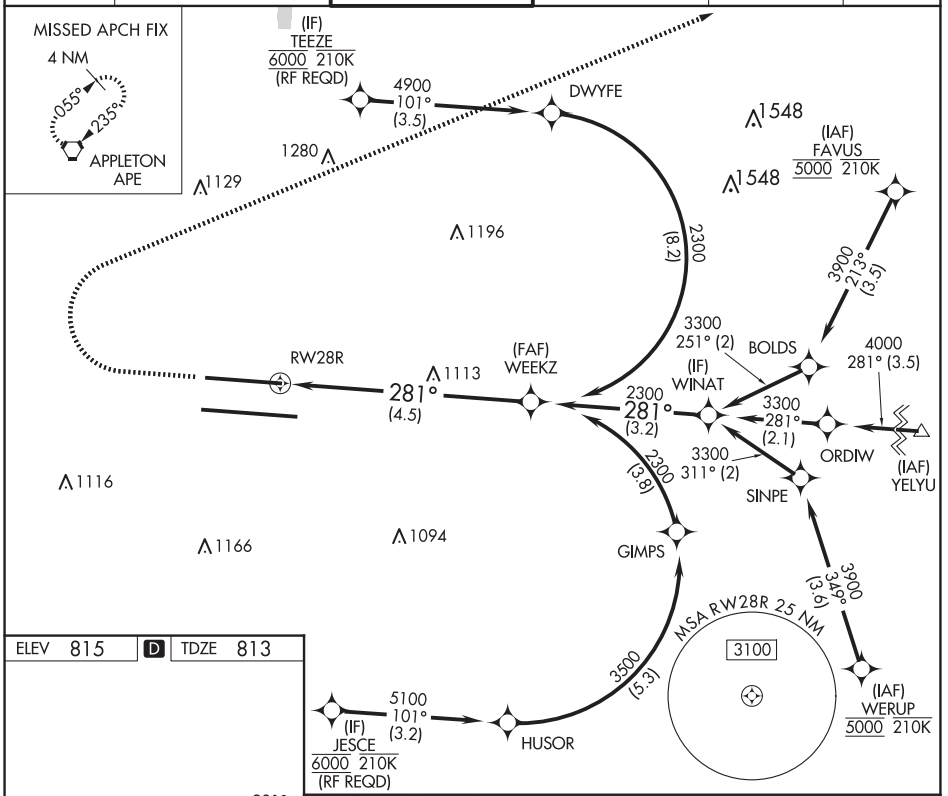
RNP AR APCH.

For uncompensated Baro-VNAV systems, procedure NA below -19°C or above 54°C. For inop ALS, increase RNP 0.16 all Cats visibility to RVR 4500 and increase RNP 0.30 all Cats visibility to RVR 5500. Simultaneous approach authorized.

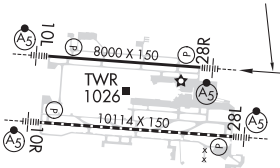
MALSR (A5)

MISSED APPROACH: Climb to 1400 then climbing right turn to 3000 to APE VORTAC and hold.

D-ATIS	COLUMBUS APP CON	COLUMBUS TOWER	GND CON	CLNC DEL	CPDLC
124.6	125.95 371.975	132.7 257.8	121.9 348.6	126.3	

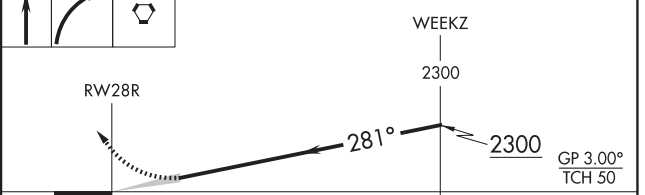


ELEV 815 | D | TDZE 813



1400	3000	APE

See planview for multiple IF locations.



CATEGORY	A	B	C	D
RNP 0.16 DA	1129/24 316 (400-½)			
RNP 0.30 DA	1185/35 372 (400-⅝)			

TDZ/CL Rwy 10R-28L
HIRL Rwys 10R-28L and 10L-28R

AUTHORIZATION REQUIRED

COLUMBUS, OHIO
Amdt 2 22APR21

40°00'N-82°54'W

JOHN GLENN COLUMBUS INTL (CMH)

RNAV (RNP) Z RWY 28R

EC-2, 12 JUN 2025 to 07 AUG 2025

WAAS CH 40299 W10B	APP CRS 101°	Rwy Idg 8000 TDZE 815 Apt Elev 815

RNAV (GPS) Y RWY 10L

JOHN GLENN COLUMBUS INTL (CMH)

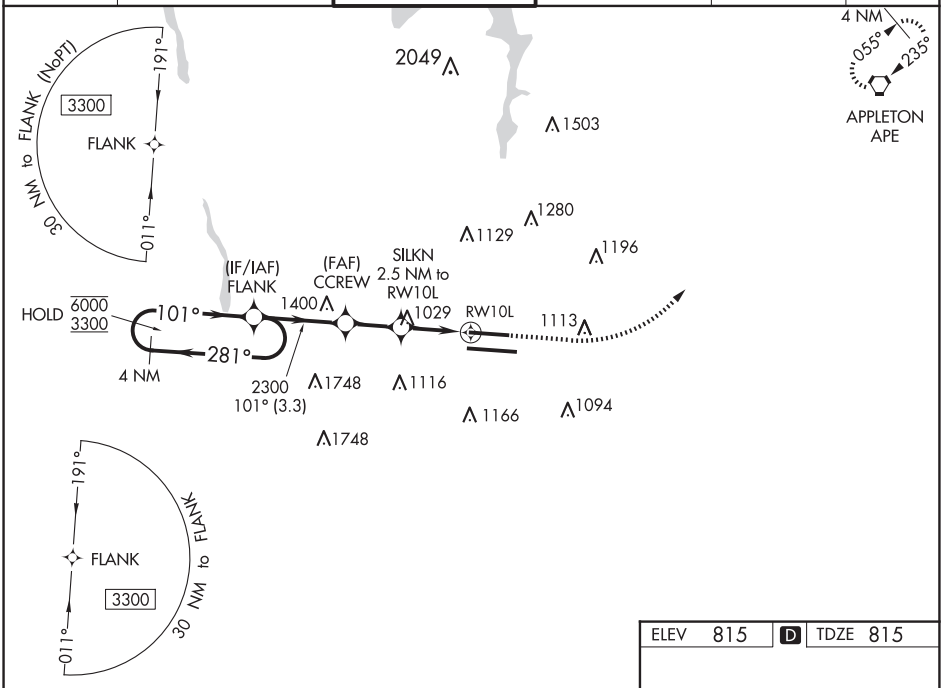
RNP APCH.

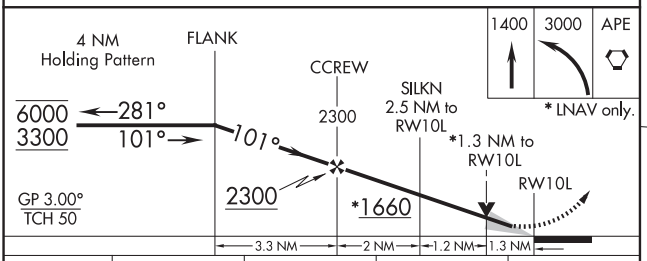
T A For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -19°C or above 54°C. LNAV procedure NA during simultaneous operations. Use of FD or AP providing RNAV track guidance required during simultaneous operations. Simultaneous approach authorized. For inop ALS, increase LNAV Cat C/D visibility to 1⅜ SM. # RVR 1800 authorized with use of FD or AP or HUD to DA.

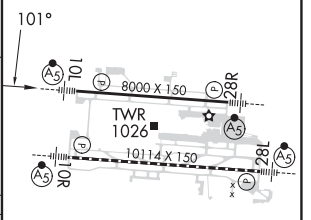
MALSR (A5)

MISSED APPROACH: Climb to 1400 then climbing left turn to 3000 direct APE VORTAC and hold.

D-ATIS	COLUMBUS APP CON	COLUMBUS TOWER	GND CON	CLNC DEL	CPDLC
124.6	125.95 371.975	132.7 257.8	121.9 348.6	126.3	







ELEV 815 D TDZE 815

CATEGORY	A	B	C	D
LPV DA #	1015/24 200 (200-½)			
LNAV/VNAV DA	1197/35 382 (400-⅝)			
LNAV MDA	1280/24 465 (500-½)		1280/50 465 (500-1)	
C CIRCLING	1340-1 525 (600-1)		1520-2 705 (800-2)	1520-2¼ 705 (800-2¼)

TDZ/CL Rwy 10R-28L
HIRL Rwys 10R-28L and 10L-28R

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

COLUMBUS, OHIO | AL-94 (FAA) | 25163

WAAS	APP CRS	Rwy Ldg	10114
CH 99603	101°	TDZE	809
W10A		Apt Elev	815

RNAV (GPS) Y RWY 10R

JOHN GLENN COLUMBUS INTL (CMH)

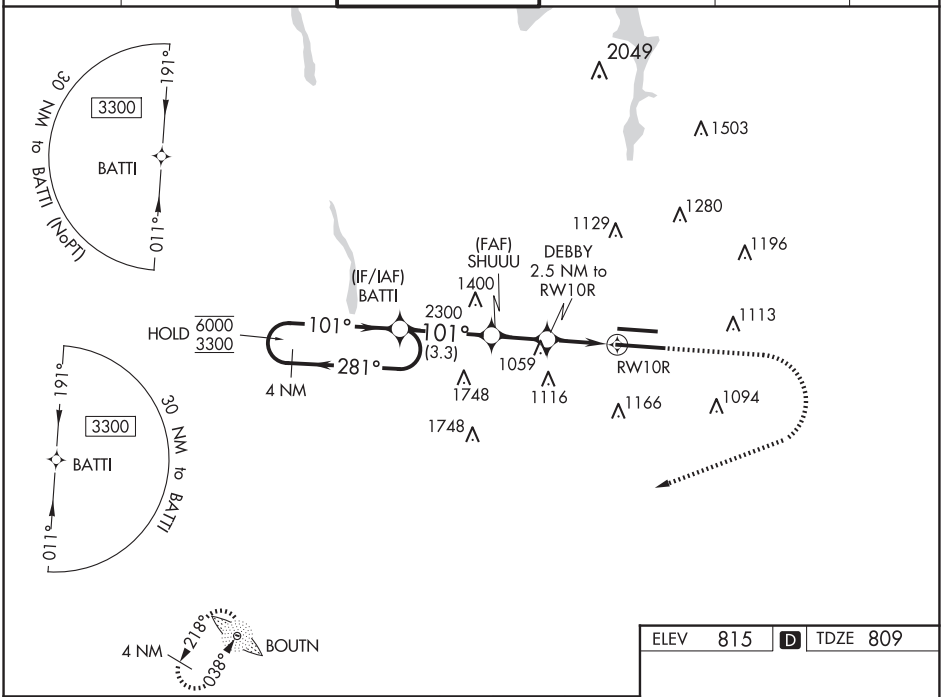
RNP APCH.

T A For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -19°C or above 54°C. LNAV procedure NA during simultaneous operations. Use of FD or AP providing RNAV track guidance required during simultaneous operations. For inop ALS, increase LNAV Cat C/D visibility to 1⅜ SM. Simultaneous approach authorized.

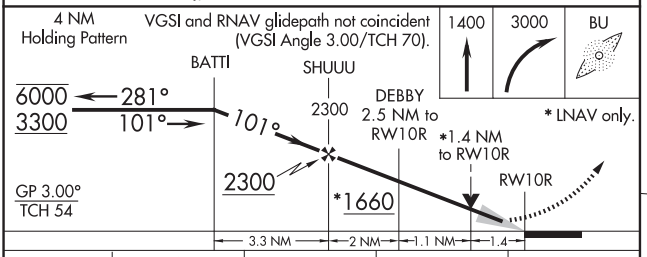
MALSR

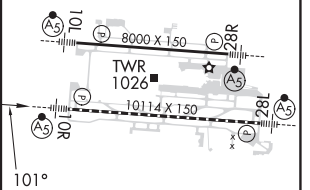
MISSED APPROACH: Climb to 1400 then climbing right turn to 3000 direct BU LOM and hold.

D-ATIS	COLUMBUS APP CON	COLUMBUS TOWER	GND CON	CLNC DEL	CPDLC
124.6	125.95 371.975	132.7 257.8	121.9 348.6	126.3	



ELEV 815 | D | TDZE 809





CATEGORY	A	B	C	D
LPV DA	1009/18 200 (200-½)			
LNAV/VNAV DA	1194/35 385 (400-⅝)			
LNAV MDA	1320/24 511 (600-½)		1320/55 511 (600-1)	
C CIRCLING	1340-1 525 (600-1)		1520-2 705 (800-2)	1520-2¼ 705 (800-2¼)

TDZ/CL Rwy 10R-28L
HIRL Rwys 10R-28L and 10L-28R

COLUMBUS, OHIO
Amdt 4 22APR21

40°00'N-82°54'W

JOHN GLENN COLUMBUS INTL (CMH)
RNAV (GPS) Y RWY 10R

EC-2, 12 JUN 2025 to 07 AUG 2025

WAAS	APP CRS	Rwy Ldg	10114
CH 48999	281°	TDZE	815
W28A		Apt Elev	815

RNAV (GPS) Y RWY 28L

JOHN GLENN COLUMBUS INTL (CMH)

RNP APCH.

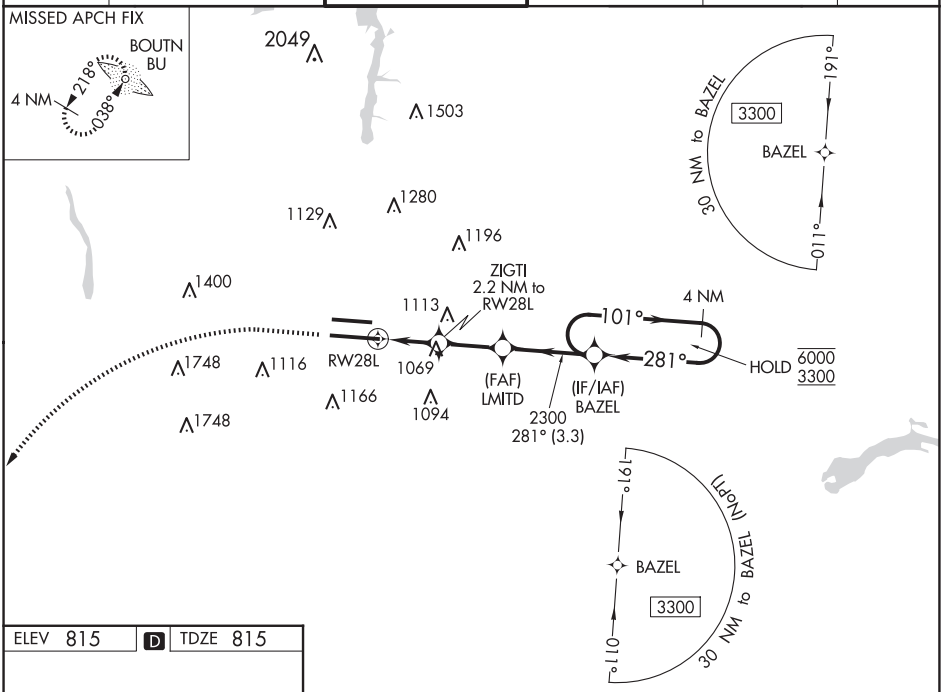
T A Simultaneous approach authorized. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -19°C or above 54°C. LNAV procedure NA during simultaneous operations. Use of FD or AP providing RNAV track guidance required during simultaneous operations. For inop ALS, increase LNAV Cat C/D visibility to 1⅜ SM.

MALSR (A5)

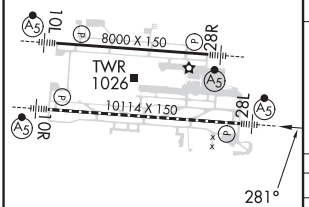
MISSED APPROACH: Climb to 1400 then climbing left turn to 3000 direct BOUTN LOM and hold.

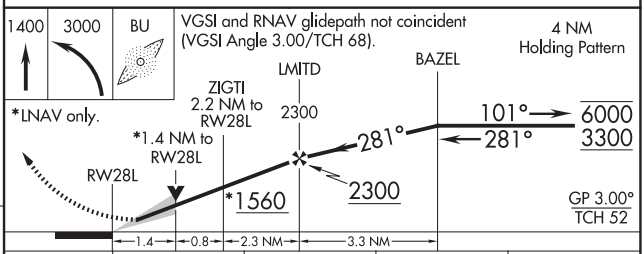
D-ATIS	COLUMBUS APP CON	COLUMBUS TOWER	GND CON	CLNC DEL	CPDLC
124.6	125.95 371.975	132.7 257.8	121.9 348.6	126.3	

MISSED APCH FIX



ELEV 815 D TDZE 815





CATEGORY	A	B	C	D
LPV DA	1015/18 200 (200-½)			
LNAV/VNAV DA	1237/40 422 (500-¾)			
LNAV MDA	1320/24 505 (600-½)		1320/55 505 (600-1)	
C CIRCLING	1340-1 525 (600-1)		1520-2 705 (800-2)	1520-2¼ 705 (800-2¼)

TDZ/CL Rwy 10R-28L
HIRL Rwys 10R-28L and 10L-28R

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

COLUMBUS, OHIO | AL-94 (FAA) | 25107

WAAS	APP CRS	Rwy Idg	8000
CH 86619	281°	TDZE	813
W28B		Apt Elev	815

RNAV (GPS) Y RWY 28R

JOHN GLENN COLUMBUS INTL (CMH)

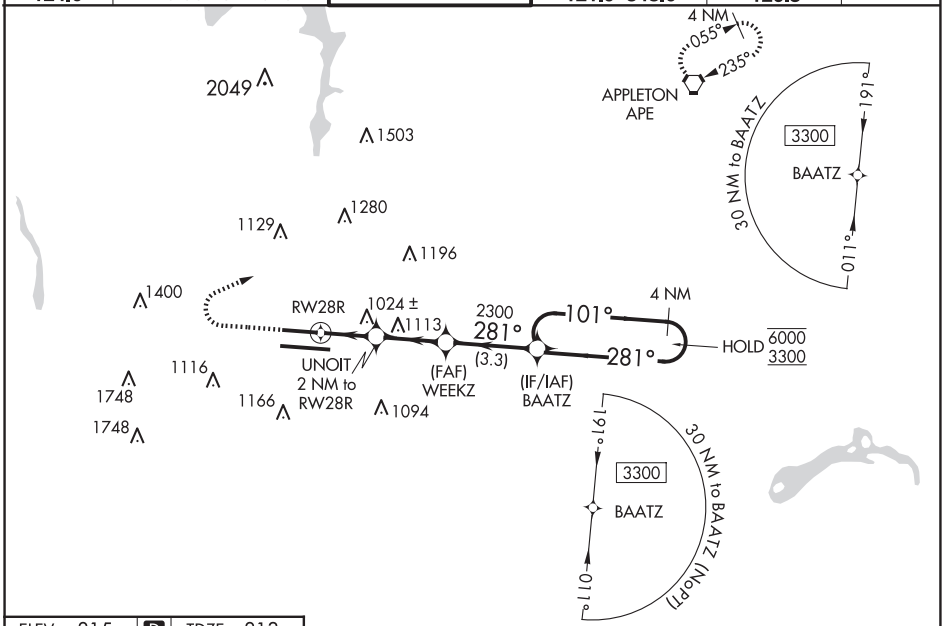
RNP APCH.

Simultaneous approach authorized. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -19°C or above 54°C. LNAV procedure NA during simultaneous operations. Use of FD or AP providing RNAV track guidance required during simultaneous operations. For inop ALS, increase LNAV/VNAV all Cats visibility or RVR 4500; increase LNAV Cat C/D visibility to 1⅜ SM. #RVR 1800 authorized with use of FD or AP or HUD to DA.

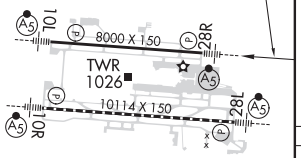
MALSR

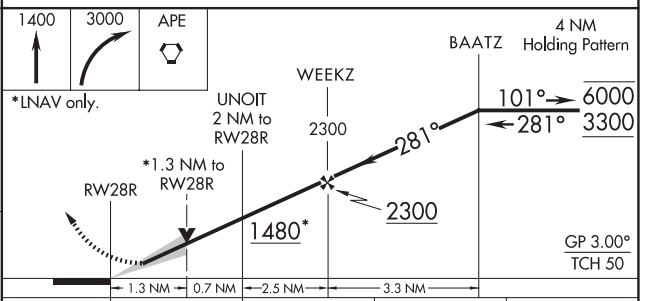
MISSED APPROACH: Climb to 1400 then climbing right turn to 3000 direct APE VORTAC and hold.

D-ATIS	COLUMBUS APP CON	COLUMBUS TOWER	GND CON	CLNC DEL	CPDLC
124.6	125.95 371.975	132.7 257.8	121.9 348.6	126.3	



ELEV 815 | D | TDZE 813





CATEGORY	A	B	C	D
LPV DA #	1013/24 200 (200-½)			
LNAV/VNAV DA	1096/24 283 (300-½)			
LNAV MDA	1280/24 467 (500-½)		1280/50 467 (500-1)	
C CIRCLING	1340-1 525 (600-1)		1520-2 705 (800-2)	1520-2¼ 705 (800-2¼)

TDZ/CL Rwy 10R-28L
HIRL Rwys 10R-28L and 10L-28R

COLUMBUS, OHIO
Amdt 3 22APR21

40°00'N-82°54'W

JOHN GLENN COLUMBUS INTL (CMH)

RNAV (GPS) Y RWY 28R

EC-2, 12 JUN 2025 to 07 AUG 2025

EC-2, 12 JUN 2025 to 07 AUG 2025

EC-2, 12 JUN 2025 to 07 AUG 2025

EC-2, 12 JUN 2025 to 07 AUG 2025

COLUMBUS, OHIO | AL-5387 (FAA) | 25051

LOC I-OSU	APP CRS	Rwy Idg	5004
108.5	092°	TDZE	905
		Apt Elev	905

ILS or LOC RWY 9R

OHIO STATE UNIVERSITY (OSU)

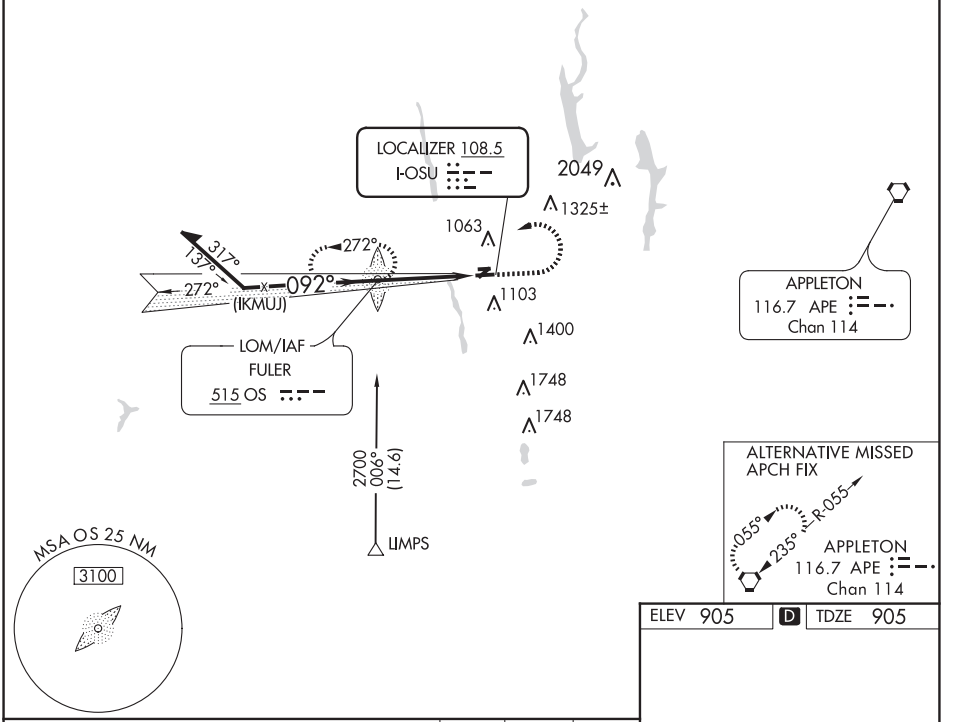
ADF required for procedure entry. ADF required.

When local altimeter setting not received, use John Glenn Columbus Intl altimeter setting; increase DA to 1140 feet; increase all MDAs 40 feet and S-9R visibility Cat C ⅛ SM and Cat D and Circling Cat D ¼ SM. Circling Rwy 23 NA at night.

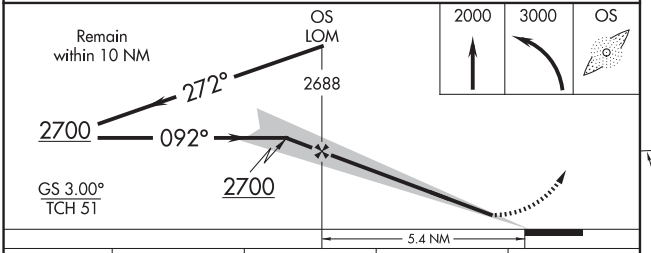
MALSR

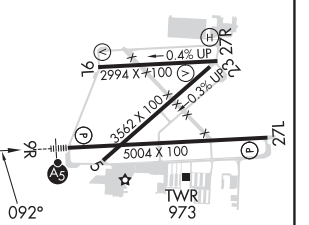
MISSED APPROACH: Climb to 2000 then climbing left turn to 3000 direct FULER LOM and hold.

ATIS	COLUMBUS APP CON	STATE TOWER ★	GND CON	CLNC DEL	UNICOM
121.35	125.95 317.775	118.8 (CTAF) L 254.325	121.7	121.7	122.95



ELEV 905 | D | TDZE 905





CATEGORY	A	B	C	D
S-ILS 9R	1105-½ 200 (200-½)			
S-LOC 9R	1420-½ 515 (600-½)		1420-1 515 (600- 1)	
CIRCLING	1420-1 515 (600-1)		1420-1½ 515 (600-1½)	1680-2½ 775 (800-2½)

REIL Rwy 27L
HIRL Rwy 9R-27L
MIRL Rwys 9L-27R

FAF to MAP 5.4 NM

Knots	60	90	120	150	180
Min:Sec	5:24	3:36	2:42	2:10	1:48

COLUMBUS, OHIO
Amdt 5C 09SEP21

40°05′N - 83°04′W

OHIO STATE UNIVERSITY (OSU)
ILS or LOC RWY 9R

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

RNAV (GPS) RWY 9R

OHIO STATE UNIVERSITY (OSU)

WAAS	APP CRS	Rwy Idg	5004
CH 86420	092°	TDZE	905
W09A		Apt Elev	905

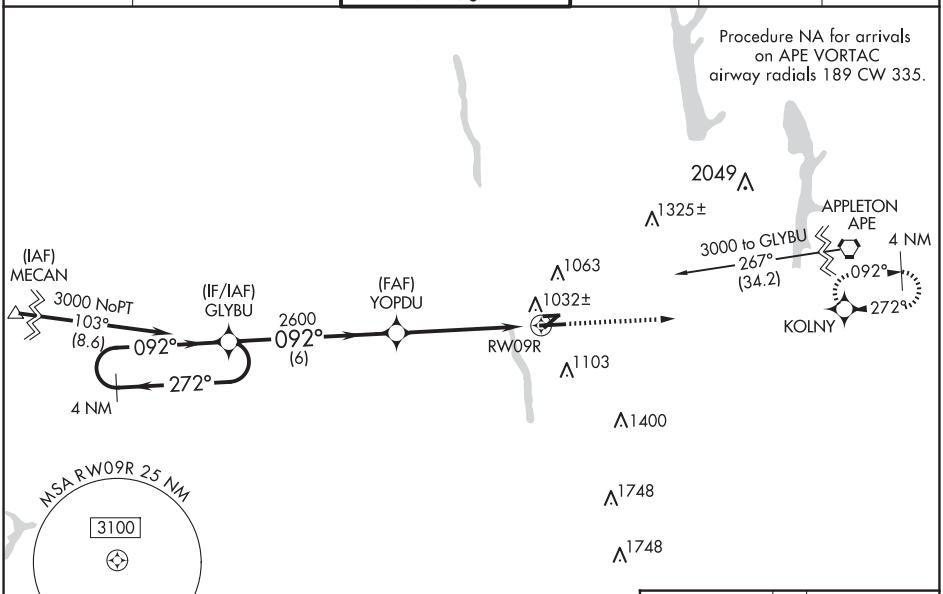
RNP APCH.

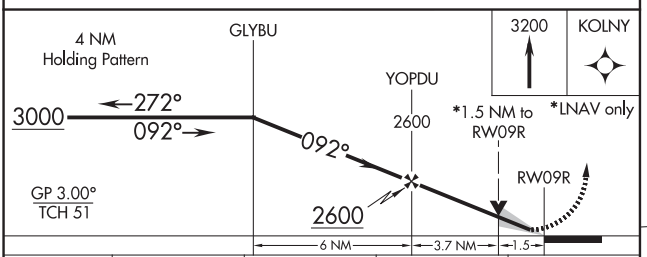
Baro-VNAV NA when using John Glenn Columbus Intl altimeter setting. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -16°C or above 38°C. VDP NA with John Glenn Columbus Intl altimeter setting. When local altimeter setting not received, use John Glenn Columbus Intl altimeter setting; increase LPV DA to 1140 feet; increase LNAV/VNAV DA to 1227 feet; increase all MDAs 40 feet and LNAV visibility Cat C ⅛ SM, Cat D ¼ SM and Circling Cat D ¼ SM. Circling Rwy 23 NA at night. For inop ALS, increase LNAV/VNAV visibility all Cats to ⅞ SM.

MALSR

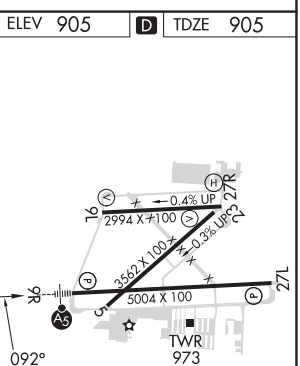
MISSED APPROACH: Climb to 3200 direct KOLNY and hold.

ATIS	COLUMBUS APP CON	STATE TOWER ★	GND CON	CLNC DEL	UNICOM
121.35	125.95 317.775	118.8 (CTAF) 254.325	121.7	121.7	122.95





CATEGORY	A	B	C	D
LPV DA	1105-½ 200 (200-½)			
LNAV/VNAV DA	1192-½ 287 (300-½)			
LNAV MDA	1420-½ 515 (600-½)		1420-1 515 (600-1)	
CIRCLING	1420-1 515 (600-1)		1420-1½ 515 (600-1½)	1680-2½ 775 (800-2½)



REIL Rwy 27L
HIRL Rwy 9R-27L
MIRL Rwys 9L-27R

EC-2, 12 JUN 2025 to 07 AUG 2025

EC-2, 12 JUN 2025 to 07 AUG 2025

COLUMBUS, OHIO AL-5387 (FAA) 25051

WAAS CH 45720 W27A	APP CRS 272°	Rwy Idg 5004 / TDZE 903 / Apt Elev 905

RNAV (GPS) RWY 27L

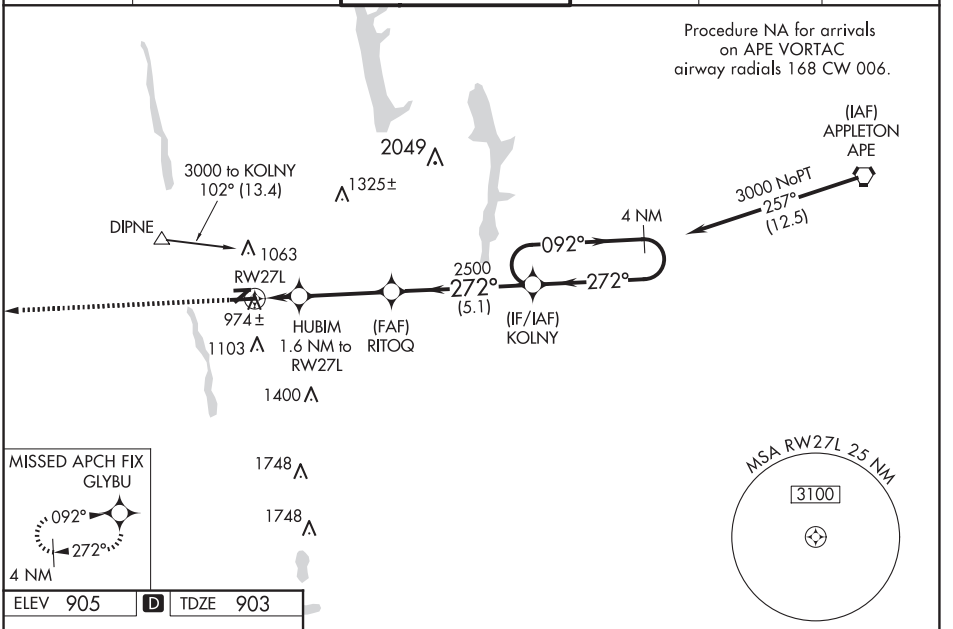
OHIO STATE UNIVERSITY (OSU)

RNP APCH.

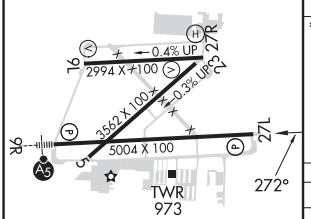
Baro-VNAV NA when using John Glenn Columbus Intl altimeter setting. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -16°C or above 38°C. When local altimeter setting not received, use John Glenn Columbus Intl altimeter setting; increase LPV DA to 1178 feet; increase LNAV/VNAV DA to 1224 feet and all visibilities ⅛ SM; increase all MDAs 40 feet and visibility LNAV Cat C ⅛ SM and Cat D ¼ SM, and Circling Cat D ¼ SM. Circling Rwy 23 NA at night. Rwy 27L helicopter visibility reduction below ¾ SM NA.

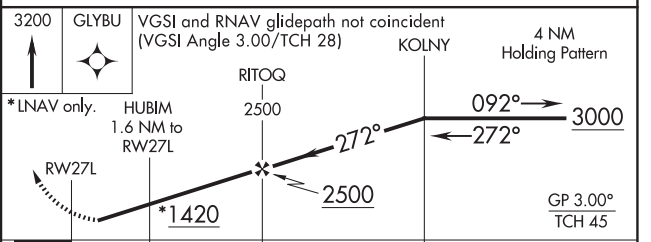
MISSED APPROACH: Climb to 3200 direct GLYBU and hold.

ATIS	COLUMBUS APP CON	STATE TOWER ★	GND CON	CLNC DEL	UNICOM
121.35	125.95 317.775	118.8 (CTAF) L 254.325	121.7	121.7	122.95



ELEV 905	D	TDZE 903





CATEGORY	A	B	C	D
LPV DA	1153-1 250 (300-1)			
LNAV/VNAV DA	1199-1 296 (300-1)			
LNAV MDA	1280-1 377 (400-1)		1280-1⅛ 377 (400-1⅛)	
CIRCLING	1380-1 475 (500-1)	1420-1 515 (600-1)	1420-1½ 515 (600-1½)	1680-2½ 775 (800-2½)

REIL Rwy 27L
HIRL Rwy 9R-27L
MIRL Rwys 9L-27R

COLUMBUS, OHIO
Orig-C 09SEP21

40°05′N - 83°04′W

OHIO STATE UNIVERSITY (OSU)
RNAV (GPS) RWY 27L

EC-2, 12 JUN 2025 to 07 AUG 2025

EC-2, 12 JUN 2025 to 07 AUG 2025

NDB RWY 9R

OHIO STATE UNIVERSITY (OSU)

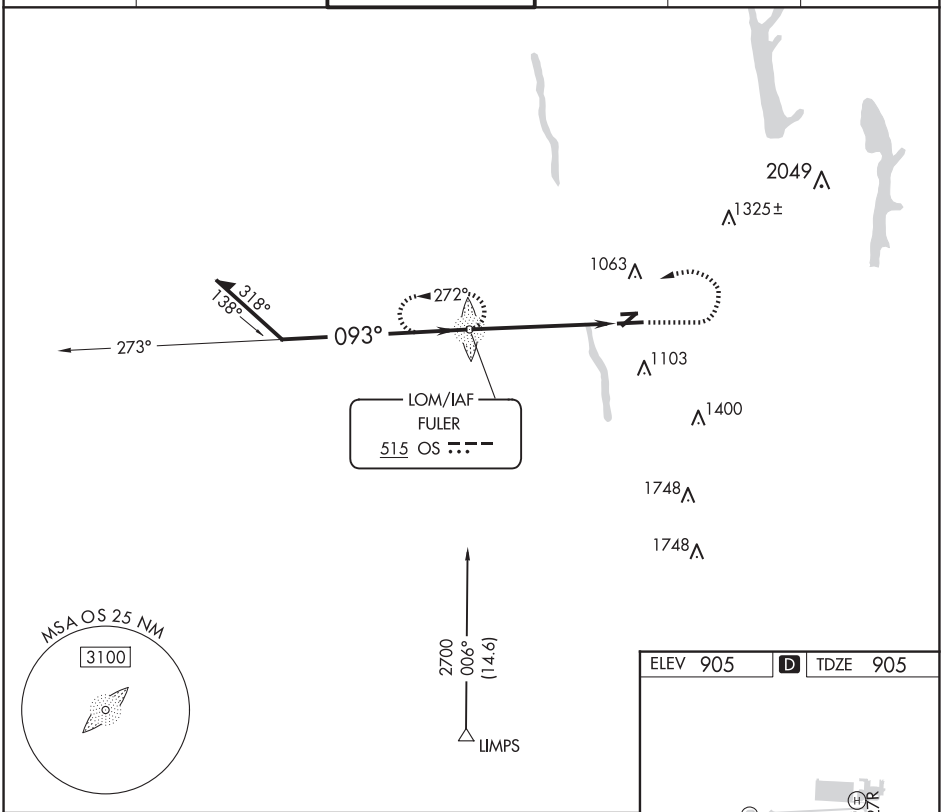
LOM OS	APP CRS	Rwy Idg	5004
515	093°	TDZE	905
		Apt Elev	905

T A When local altimeter setting not received, use John Glenn Columbus Intl altimeter setting and increase all MDAs 40 feet and S-9R visibility Cat C ⅛ SM and Cat D and Circling Cat D ¼ SM. Circling Rwy 23 NA at night.

MALSR

MISSED APPROACH: Climb to 3100 then left turn direct OS LOM and hold.

ATIS	COLUMBUS APP CON	STATE TOWER★	GND CON	CLNC DEL	UNICOM
121.35	125.95 317.775	118.8 (CTAF) L 254.325	121.7	121.7	122.95



CATEGORY	A	B	C	D
S-9R	1460-¾ 555 (600-¾)		1460-1⅛ 555 (600-1⅛)	
CIRCLING	1460-1 555 (600-1)		1460-1⅝ 555 (600-1⅝)	1680-2½ 775 (800-2½)

REIL Rwy 27L
HIRL Rwy 9R-27L
MIRL Rwys 9L-27R

FAF to MAP 5.4 NM

Knots	60	90	120	150	180
Min:Sec	5:24	3:36	2:42	2:10	1:48

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

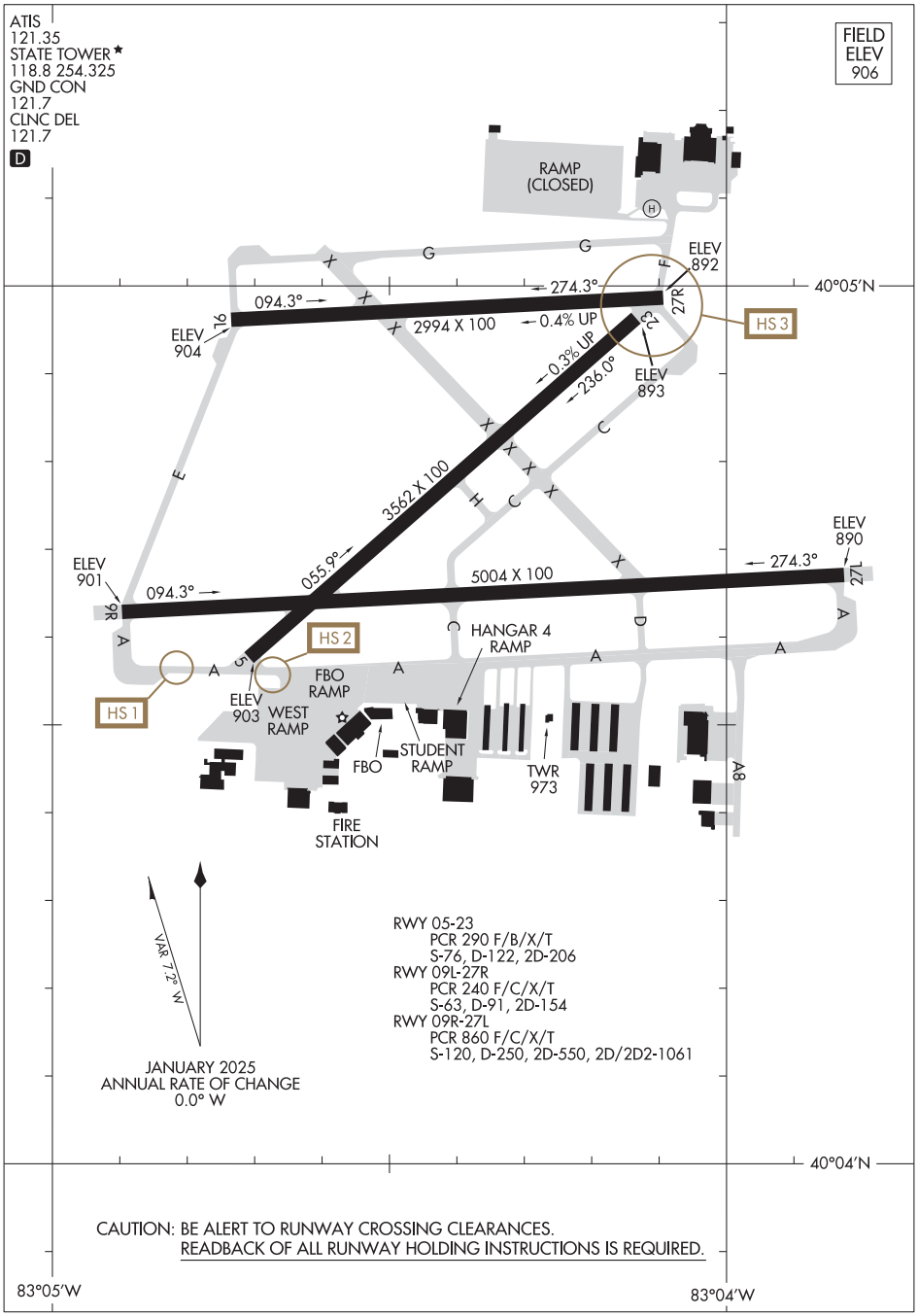
25107

AIRPORT DIAGRAM

AL-5387 (FAA)

OHIO STATE UNIVERSITY (OSU)

COLUMBUS, OHIO



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

EC-2, 12 JUN 2025 to 07 AUG 2025

EC-2, 12 JUN 2025 to 07 AUG 2025

LOC/DME I-FQS	APP CRS	Rwy Idg	11004
110.55	052°	TDZE	744
Chan 42 (Y)		Apt Elev	744

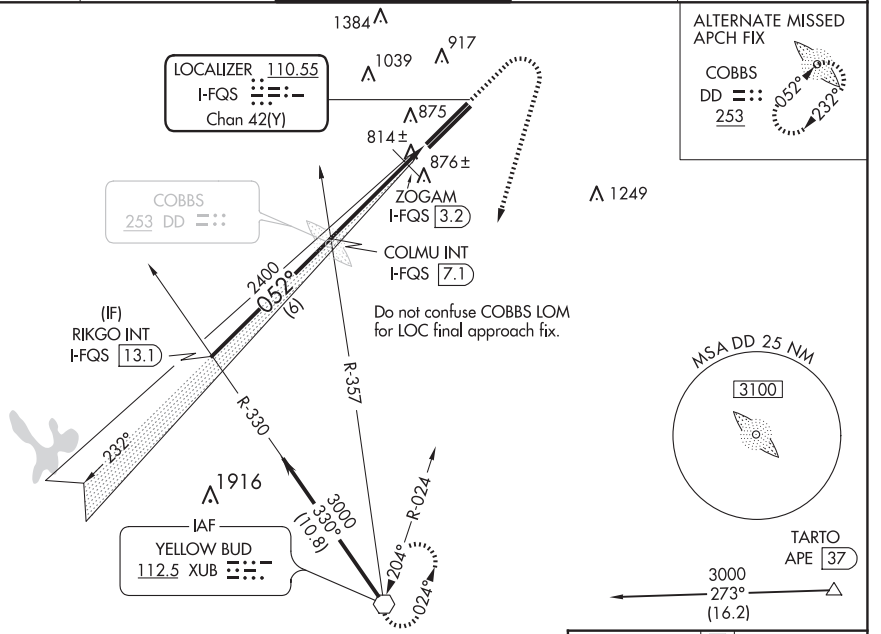
ILS or LOC RWY 5L
RICKENBACKER INTL (LCK)

⚠ Circling NA northwest of Rwy 5L-23R. When local altimeter setting not received, use John Glenn Columbus Intl altimeter setting and increase DA to 979 feet; increase all MDAs 40 feet and S-LOC 5L Cat C, Circling Cat D ¼ SM; increase ZOGAM fix minimums S-LOC 5L Cats C/D visibility ⅛ SM and Circling Cat D ¼ SM.

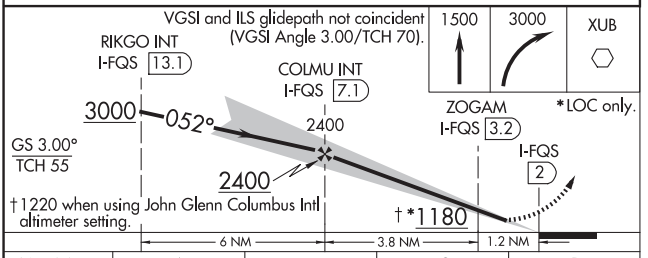
MALSR

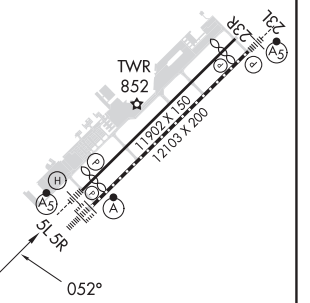
MISSED APPROACH: Climb to 1500 then climbing right turn to 3000 direct XUB VOR and hold.

ATIS	COLUMBUS APP CON	RICK TOWER	GND CON	CLNC DEL
132.75	134.0 279.6	120.05 348.4	125.275 275.8	125.275 275.8



ELEV 744 D TDZE 744





TDZ/CL Rwy 5R
REIL Rwy 23R
HIRL Rwys 5L-23R and 5R-23L

CATEGORY	A	B	C	D
S-ILS 5L	944-½	200 (200-½)		
S-LOC 5L	1180-½	436 (500-½)	1180-¾	436 (500-¾)
CIRCLING	1240-1	496 (500-1)	1280-1½ 536 (600-1½)	1400-2 656 (700-2)
ZOGAM FIX MINIMUMS				
S-LOC 5L	1080-½	336 (400-½)		
CIRCLING	1240-1	496 (500-1)	1280-1½ 536 (600-1½)	1400-2 656 (700-2)

FAF to MAP 5 NM

Knots	60	90	120	150	180
Min:Sec	5:00	3:20	2:30	2:00	1:40

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

COLUMBUS, OHIO AL-6846 (FAA) 23054

ILS or LOC RWY 5R
RICKENBACKER INTL (LCK)

LOC/DME I-DDV	APP CRS	Rwy Idg	12103
110.1	052°	TDZE	736
Chan 38		Apt Elev	744

ADF or DME required.

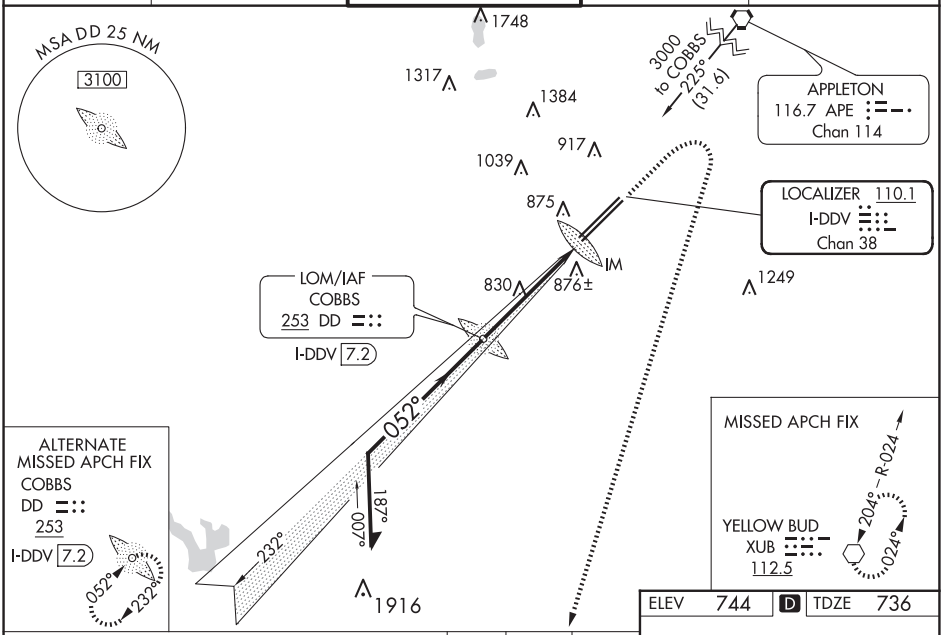
NA

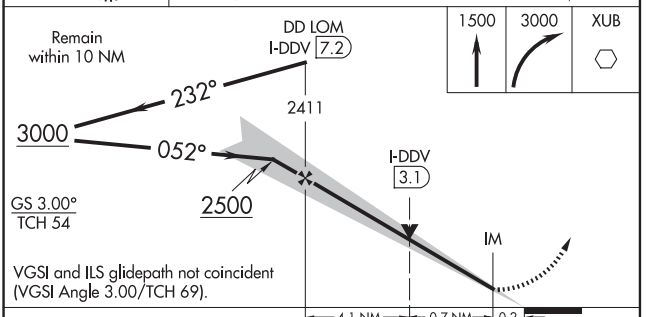
Circling NA northwest of Rwy 5L-23R.

ALSF-2

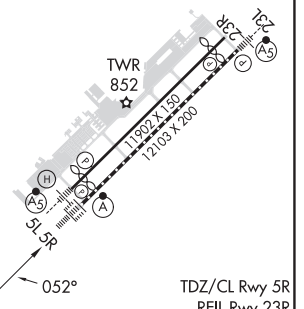
MISSED APPROACH: Climb to 1500 then climbing right turn to 3000 direct XUB VOR and hold.

ATIS	COLUMBUS APP CON	RICK TOWER	GND CON	CLNC DEL
132.75	134.0 279.6	120.05 348.4	125.275 275.8	125.275 275.8





ELEV 744 D TDZ 736



CATEGORY	A	B	C	D
S-ILS 5R	936/18 200 (200-½)			
S-LOC 5R	1080/24 344 (400-½)		1080/30 344 (400-⅝)	
CIRCLING	1240-1 496 (500-1)		1280-1½ 536 (600-1½)	1400-2 656 (700-2)

FAF to MAP 5 NM

Knots	60	90	120	150	180
Min:Sec	5:00	3:20	2:30	2:00	1:40

COLUMBUS, OHIO
Amdt 3E 09SEP21

39°49′N-82°56′W

RICKENBACKER INTL (LCK)
ILS or LOC RWY 5R

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

ILS or LOC RWY 23L

RICKENBACKER INTL (LCK)

LOC I-LCK	APP CRS		23L	23R
110.1	232°	Rwy Idg	12103	10913
		TDZE	740	743
		Apt Elev	744	744

⚠ Circling NA northwest of Rwy 5L-23R. When local altimeter setting not received, use John Glenn Columbus Intl altimeter setting: increase DA to 975 feet; increase all MDAs 40 feet and S-LOC 23L visibility Cats C/D to RVR 5500 and Circling visibility Cat D to 2¼ SM. Autopilot coupled approach NA below 1000 MSL.

MALSR (A5)

MISSED APPROACH: Climb to 3000, then left turn direct XUB VOR and hold.

ATIS	COLUMBUS APP CON	RICK TOWER	GND CON	CLNC DEL
132.75	134.0 279.6	120.05 348.4	125.275 275.8	125.275 275.8

ALTERNATE MISSED APCH FIX

052° 232°

PICKL

376 LC

RADAR REQUIRED

1748 1748 1317 1384 917 1039 875 876± 1249

(DNGFB) 277° 097° 052° 232°

LOM/IAF PICKL 376 LC RADAR

LOCALIZER 110.1 I-LCK

MISSED APCH FIX

YELLOW BUD XUB 112.5

204° R-024 024°

MSA LC 25 NM 3100

ELEV 744 D TDZE 23L 740 TDZE 23R 743

232°

TWR 852

11902 X 150 12103 X 200

5L-5R

TDZ/CL Rwy 5R REIL Rwy 23R HIRL Rwys 5L-23R and 5R-23L

3000 XUB

LC LOM RADAR

Remain within 10 NM

052° 2900 232° 2400

2372

VGSI and ILS glidepath not coincident (VGSI Angle 3.00/TCH 78).

GS 3.00° TCH 62

4.9 NM

CATEGORY	A	B	C	D
S-ILS 23L	940/24 200 (200-½)			
S-LOC 23L	1220/24 480 (500-½)		1220/50 480 (500-1)	
SIDESTEP RWY 23R	1220-1 477 (500-1)		1220-1½ 477 (500-1½)	1220-2 477 (500-2)
CIRCLING	1240-1 496 (500-1)		1280-1½ 536 (600-1½)	1400-2 656 (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

EC-2, 12 JUN 2025 to 07 AUG 2025

EC-2, 12 JUN 2025 to 07 AUG 2025

COLUMBUS, OHIO AL-6846 (FAA) 23054

LOC/DME I-DDV	APP CRS	Rwy Idg	12103
110.1	052°	TDZE	736
Chan 38		Apt Elev	744

ILS RWY 5R (SA CAT I)
RICKENBACKER INTL (LCK)

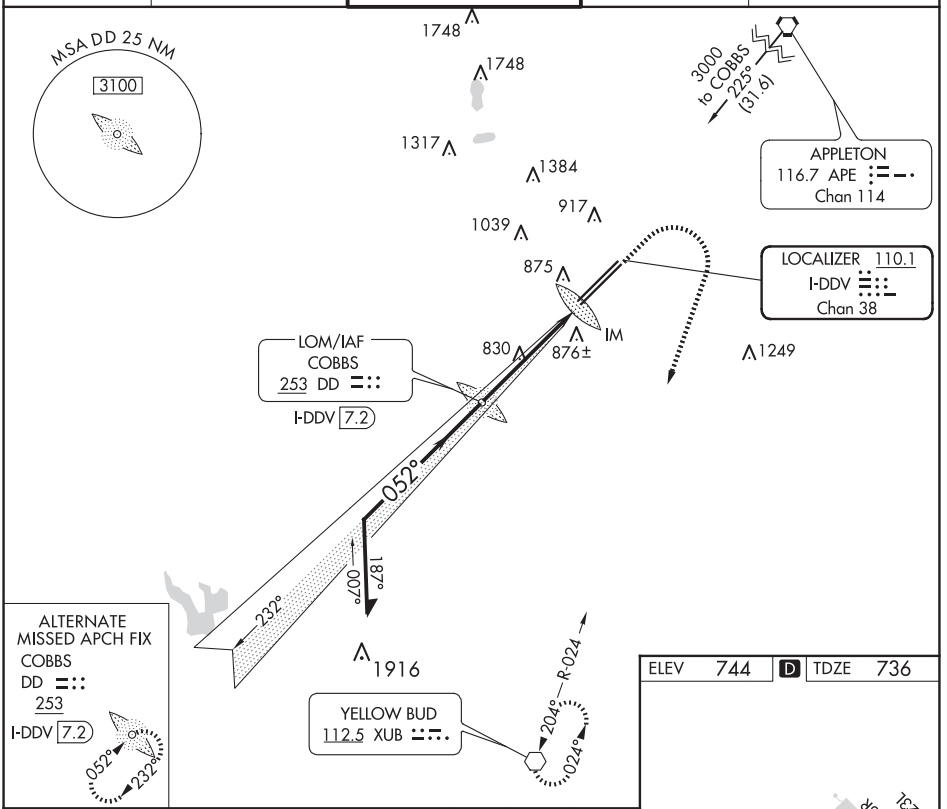
ADF or DME required.

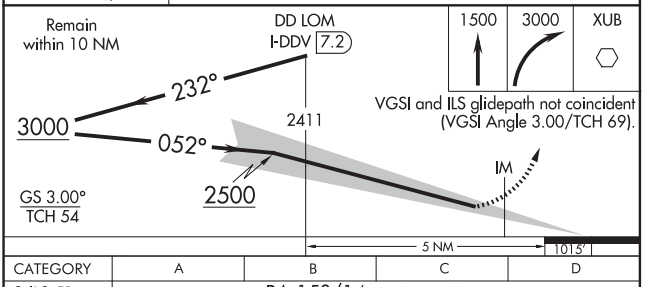
NA Requires specific OPSPEC, MSPEC or LOA approval.

ALSF-2

MISSED APPROACH: Climb to 1500 then climbing right turn to 3000 direct XUB VOR and hold.

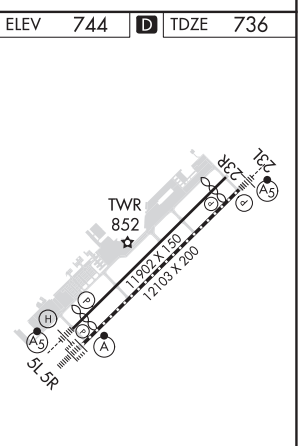
ATIS	COLUMBUS APP CON	RICK TOWER	GND CON	CLNC DEL
132.75	134.0 279.6	120.05 348.4	125.275 275.8	125.275 275.8





CATEGORY	A	B	C	D
S-ILS 5R	RA 150/14 150 DA 886			

SA CATEGORY I ILS - SPECIAL AIRCREW & AIRCRAFT CERTIFICATION REQUIRED



TDZ/CL Rwy 5R
REIL Rwy 23R
HIRL Rwys 5L-23R and 5R-23L

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

ILS RWY 5R (CAT II)

RICKENBACKER INTL (LCK)

LOC/DME I-DDV	APP CRS	Rwy Idg	12103
110.1	052°	TDZE	736
Chan 38		Apt Elev	744

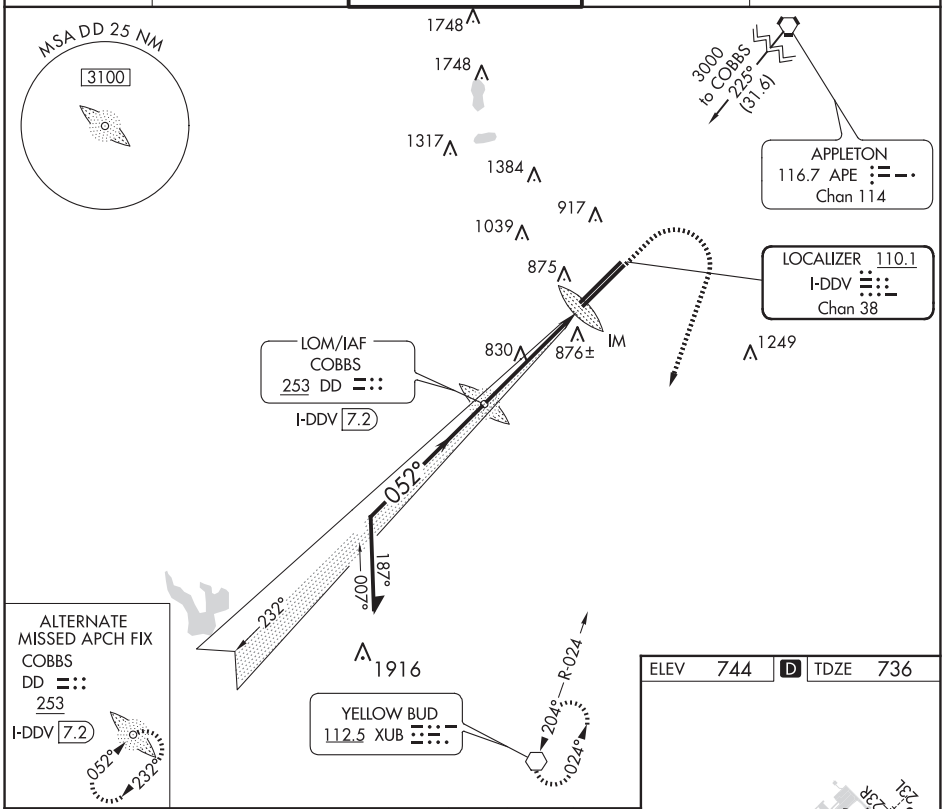
ADF or DME required.

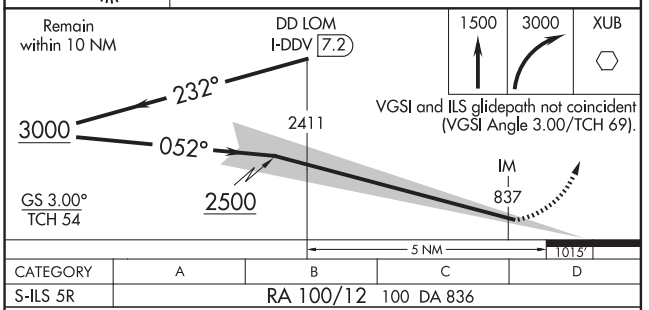
NA

ALSF-2

MISSED APPROACH: Climb to 1500 then climbing right turn to 3000 direct XUB VOR and hold.

ATIS	COLUMBUS APP CON	RICK TOWER	GND CON	CLNC DEL
132.75	134.0 279.6	120.05 348.4	125.275 275.8	125.275 275.8

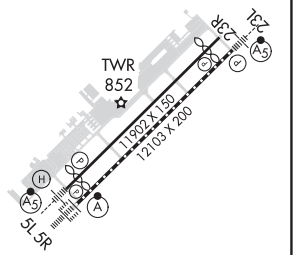




CATEGORY	A	B	C	D
S-ILS 5R	RA 100/12 100 DA 836			

CATEGORY II ILS - SPECIAL AIRCREW & AIRCRAFT CERTIFICATION REQUIRED

ELEV 744 D TDZE 736



TDZ/CL Rwy 5R
REIL Rwy 23R
HIRL Rwys 5L-23R and 5R-23L

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

WAAS	APP CRS	Rwy Ldg	11004
CH 78022	052°	TDZE	744
W05B		Apt Elev	744

RNAV (GPS) RWY 5L

RICKENBACKER INTL (LCK)

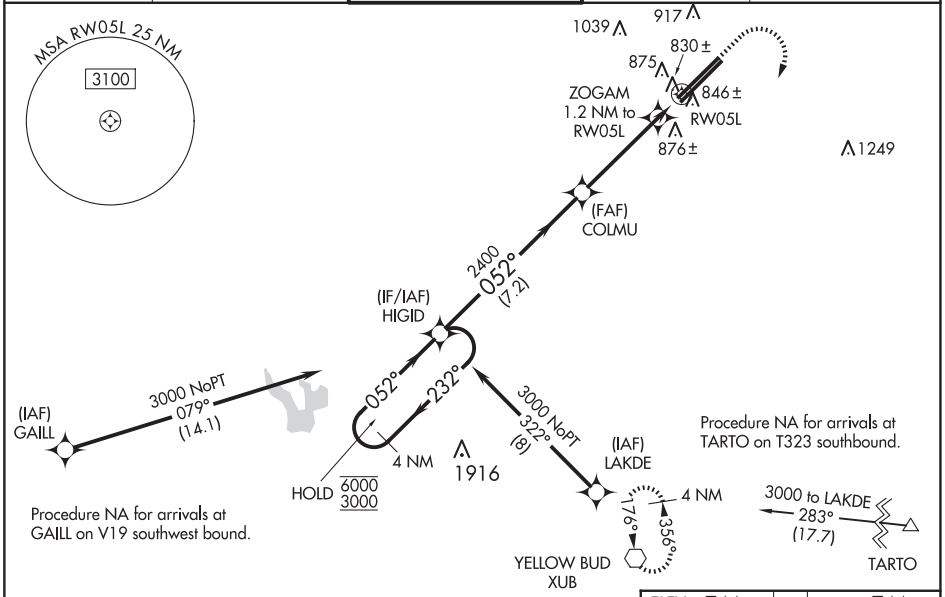
RNP APCH - GPS.

⚠ Circling NA northwest of Rwy 5L-23R. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -16°C or above 54°C. Baro-VNAV NA when using John Glenn Columbus Intl altimeter setting. When local altimeter setting not received, use John Glenn Columbus Intl altimeter setting: increase LPV DA to 979 feet; increase LNAV/VNAV DA to 1042 feet; increase all MDAs 40 feet and Circling visibility Cat D ¼ SM.

MALSR (A5)

MISSED APPROACH: Climb to 1500 then climbing right turn to 3000 direct XUB VOR and hold.

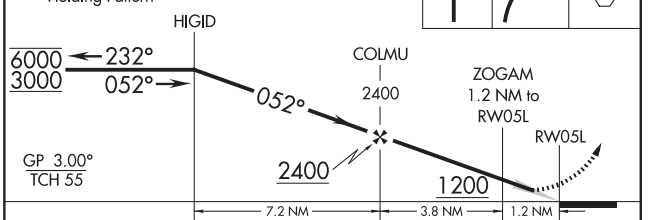
ATIS	COLUMBUS APP CON	RICK TOWER	GND CON	CLNC DEL
132.75	134.0 279.6	120.05 348.4	125.275 275.8	125.275 275.8



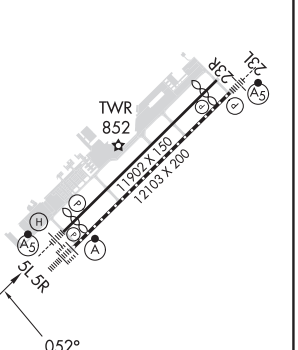
ELEV 744 D TDZE 744

VGSI and RNAV glidepath not coincident (VGSI Angle 3.00/TCH 70).

1500 3000 XUB



CATEGORY	A	B	C	D
LPV DA	944-½	200 (200-½)		
LNAV/VNAV DA	1007-½	263 (300-½)		
LNAV MDA	1100-½	356 (400-½)	1100-⅝	356 (400-⅝)
CIRCLING	1240-1	496 (500-1)	1280-1½ 536 (600-1½)	1400-2 656 (700-2)



TDZ/CL Rwy 5R
REIL Rwy 23R
HIRL Rwys 5L-23R and 5R-23L

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

WAAS	APP CRS	Rwy Ldg	12103
CH 78410	052°	TDZE	736
W05A		Apt Elev	744

RNAV (GPS) RWY 5R

RICKENBACKER INTL (LCK)

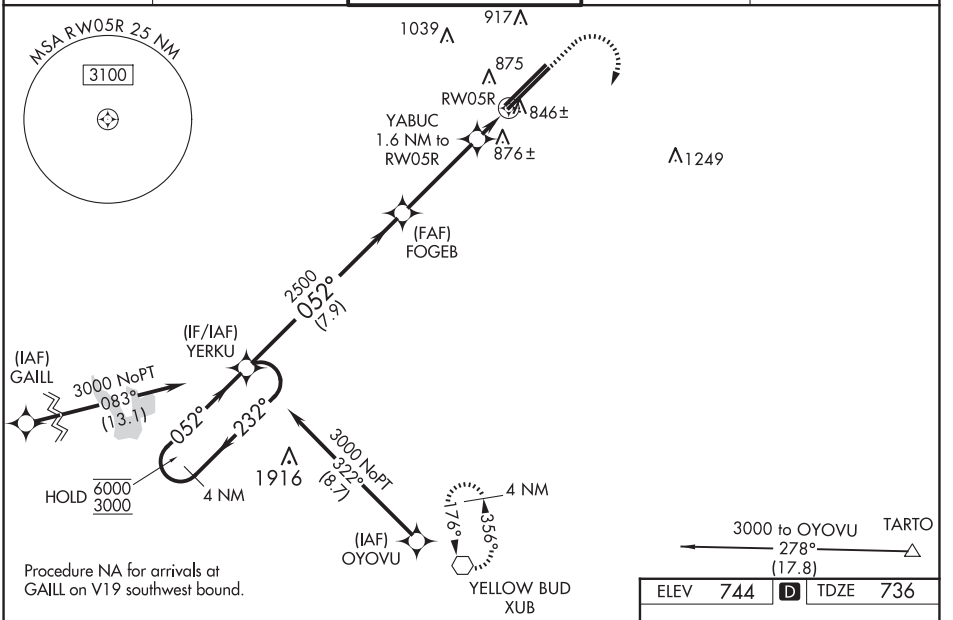
RNP APCH - GPS.

Circling NA northwest of Rwy 5L-23R. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -16°C or above 54°C. Baro-VNAV and VDP NA when using John Glenn Columbus Intl altimeter setting. When local altimeter setting not received, use John Glenn Columbus Intl altimeter setting: increase LPV DA to 971 feet; increase LNAV/VNAV DA to 1138 feet and visibility to RVR 4000 all Cats; increase all MDAs 40 feet and LNAV Cats C/D visibility to RVR 4000 and Circling Cat D visibility to 2¼ SM. For inop ALS when using John Glenn Columbus Intl altimeter setting, increase LNAV/VNAV visibility to RVR 6000, all Cats.

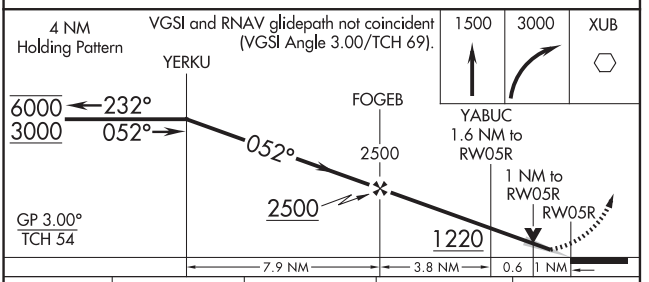
ALSF-2

MISSED APPROACH: Climb to 1500 then climbing right turn to 3000 direct XUB VOR and hold.

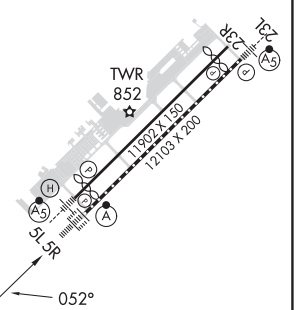
ATIS	COLUMBUS APP CON	RICK TOWER	GND CON	CLNC DEL
132.75	134.0 279.6	120.05 348.4	125.275 275.8	125.275 275.8



ELEV	744	D	TDZE	736



CATEGORY	A	B	C	D
LPV DA		936/18	200 (200-½)	
LNAV/VNAV DA		1103/35	367 (400-⅝)	
LNAV MDA	1120/24	384 (400-½)	1120/35	384 (400-⅝)
CIRCLING	1240-1	496 (500-1)	1280-1½ 536 (600-1½)	1400-2 656 (700-2)



TDZ/CL Rwy 5R
REIL Rwy 23R
HIRL Rwys 5L-23R and 5R-23L

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

COLUMBUS, OHIO AL-6846 (FAA) 25163

WAAS CH 62811 W23A	APP CRS 232°	Rwy Ldg 12103 TDZE 740 Apt Elev 744

RNAV (GPS) RWY 23L

RICKENBACKER INTL (LCK)

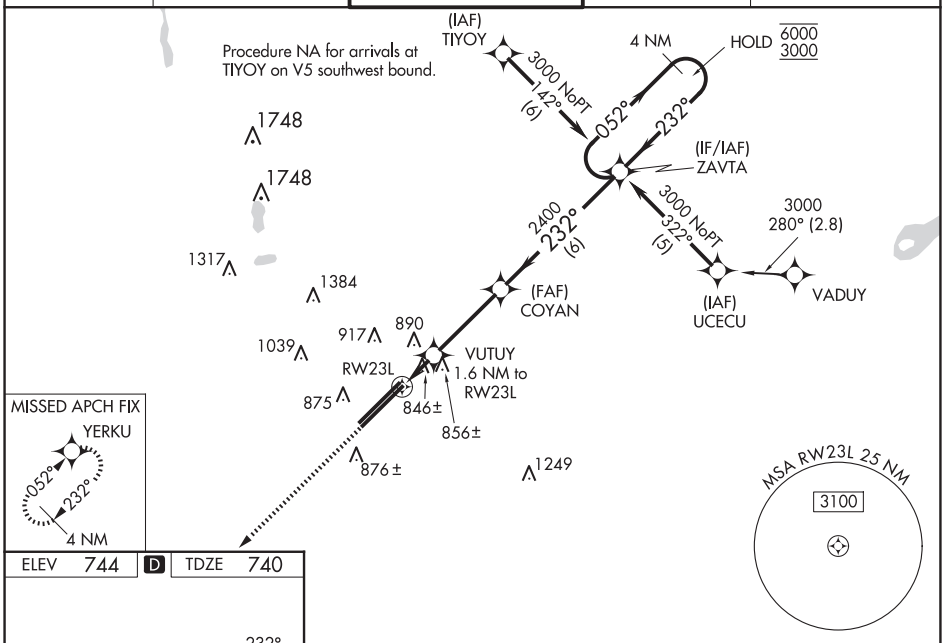
RNP APCH - GPS.

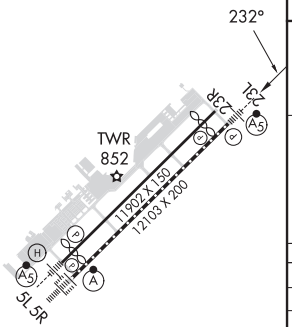
A For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -16°C or above 54°C. Circling NA northwest of Rwy 5L-23R. Baro-VNAV NA when using John Glenn Columbus Intl altimeter setting. When local altimeter setting not received, use John Glenn Columbus Intl altimeter setting: increase LPV DA to 975 feet; increase LNAV/VNAV DA to 1157 feet and all visibilities to RVR 4000; increase all MDAs 40 feet and LNAV visibility Cats C/D to RVR 5000 and Circling Cat D to 2¼ SM.
* RVR 1800 authorized with use of FD or AP or HUD to DA, (NA when using John Glenn Columbus Intl altimeter setting).

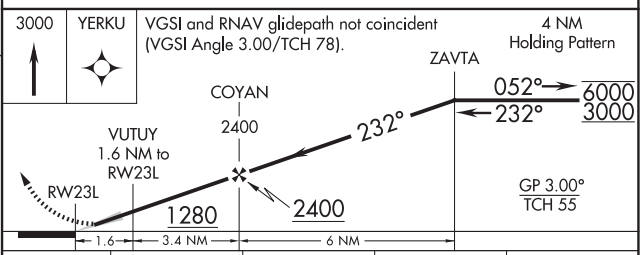
MALSR (A5)

MISSED APPROACH: Climb to 3000 direct YERKU and hold.

ATIS	COLUMBUS APP CON	RICK TOWER	GND CON	CLNC DEL
132.75	134.0 279.6	120.05 348.4	125.275 275.8	125.275 275.8







CATEGORY	A	B	C	D
LPV DA *	940/24	200 (200-½)		
LNAV/VNAV DA	1122/35	382 (400-⅝)		
LNAV MDA	1180/24	440 (500-½)	1180/40	440 (500-¾)
CIRCLING	1240-1	496 (500-1)	1280-1½ 536 (600-1½)	1400-2 656 (700-2)

TDZ/CL Rwy 5R
REIL Rwy 23R
HIRL Rwys 5L-23R and 5R-23L

COLUMBUS, OHIO
Orig-C 11JUL24

39°49'N-82°56'W

RICKENBACKER INTL (LCK)

RNAV (GPS) RWY 23L

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

RNAV (GPS) RWY 23R

RICKENBACKER INTL (LCK)

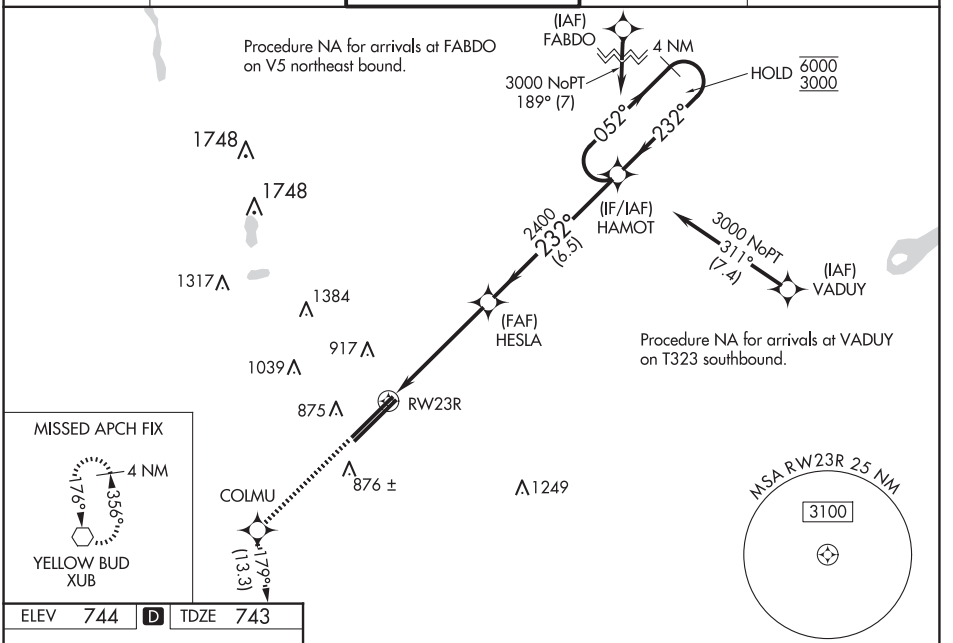
WAAS CH 78421 W23B	APP CRS 232°	Rwy Ldg 10913 / TDZE 743 / Apt Elev 744

RNP APCH - GPS.

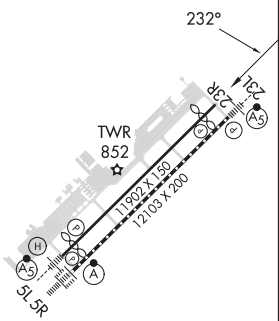
A Circling NA northwest of Rwy 5L-23R. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -16°C or above 54°C. Baro-VNAV and VDP NA when using John Glenn Columbus Intl altimeter setting. When local altimeter setting not received, use John Glenn Columbus Intl altimeter setting: increase LPV DA to 978 feet; increase LNAV/VNAV DA to 1041 feet and all visibilities to 1 SM; increase all MDAs 40 feet and Circling Cat D visibility ¼ SM.

MISSED APPROACH: Climb to 3000 direct COLMU and on track 179° to XUB VOR and hold.

ATIS	COLUMBUS APP CON	RICK TOWER	GND CON	CLNC DEL
132.75	134.0 279.6	120.05 348.4	125.275 275.8	125.275 275.8



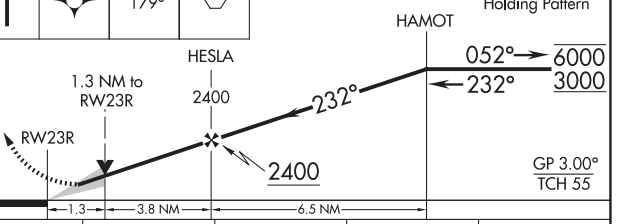
ELEV 744 D TDZE 743



3000	COLMU	tr 179°	XUB

VGSI and RNAV glidepath not coincident (VGSI Angle 3.00/TCH 79).

4 NM Holding Pattern



CATEGORY	A	B	C	D
LPV DA	943-¾	200 (200-¾)		
LNAV/VNAV DA	1006-⅞	263 (300-⅞)		
LNAV MDA	1220-1	477 (500-1)	1220-1⅜	477 (500-1⅜)
CIRCLING	1240-1	496 (500-1)	1280-1½ 536 (600-1½)	1400-2 656 (700-2)

TDZ/CL Rwy 5R
REIL Rwy 23R
HIRL Rwys 5L-23R and 5R-23L

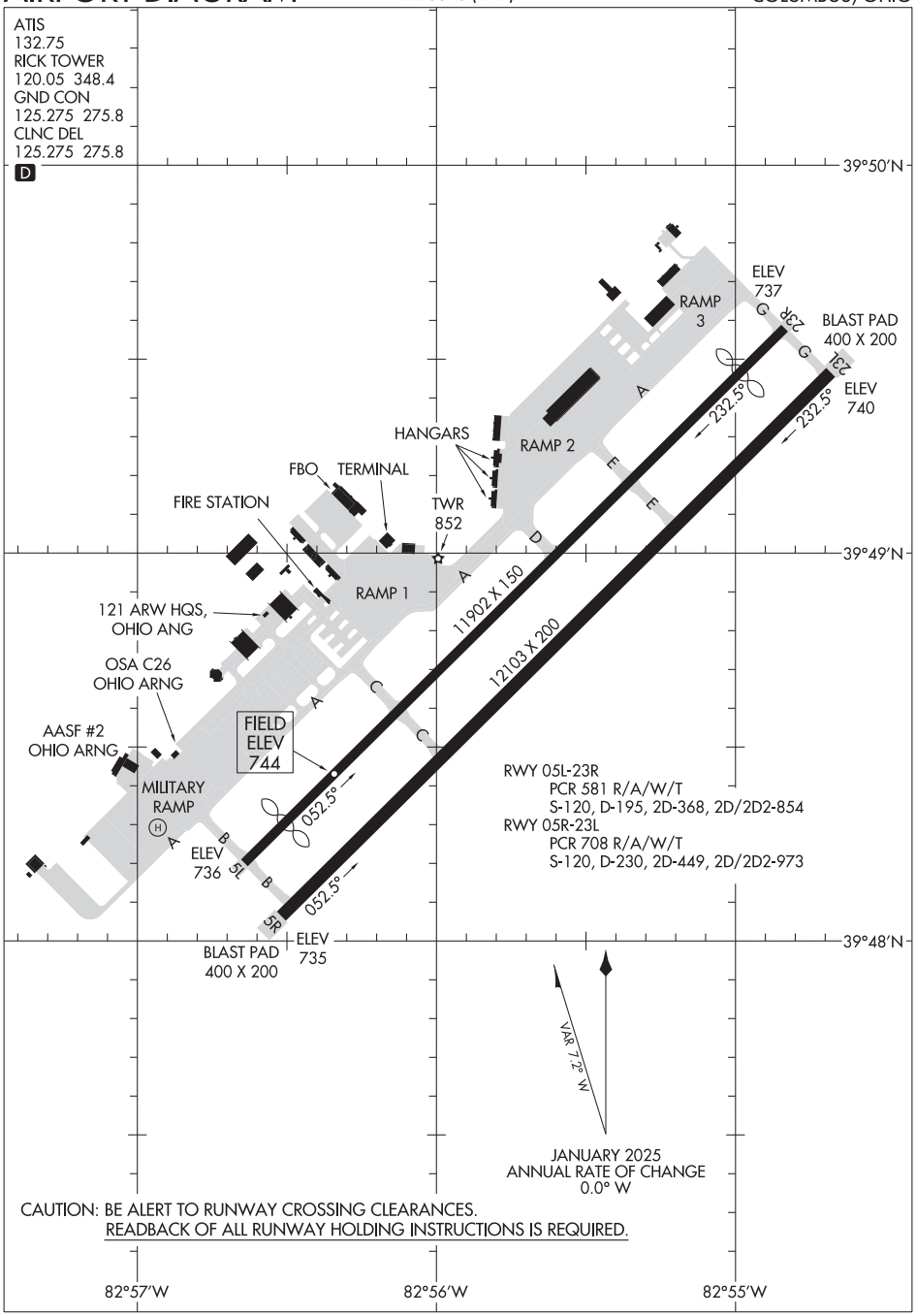
EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

25107

AIRPORT DIAGRAM

AL-6846 (FAA)

RICKENBACKER INTL (LCK)
COLUMBUS, OHIO



EC-2, 12 JUN 2025 to 07 AUG 2025

EC-2, 12 JUN 2025 to 07 AUG 2025

AIRPORT DIAGRAM
25107
COLUMBUS, OHIO
RICKENBACKER INTL (LCK)

LOC I-SQK	APP CRS	Rwy Idg	6503
108.35	185°	TDZE	866
		Apt Elev	866

ILS or LOC RWY 18

METTEL FLD (CEV)

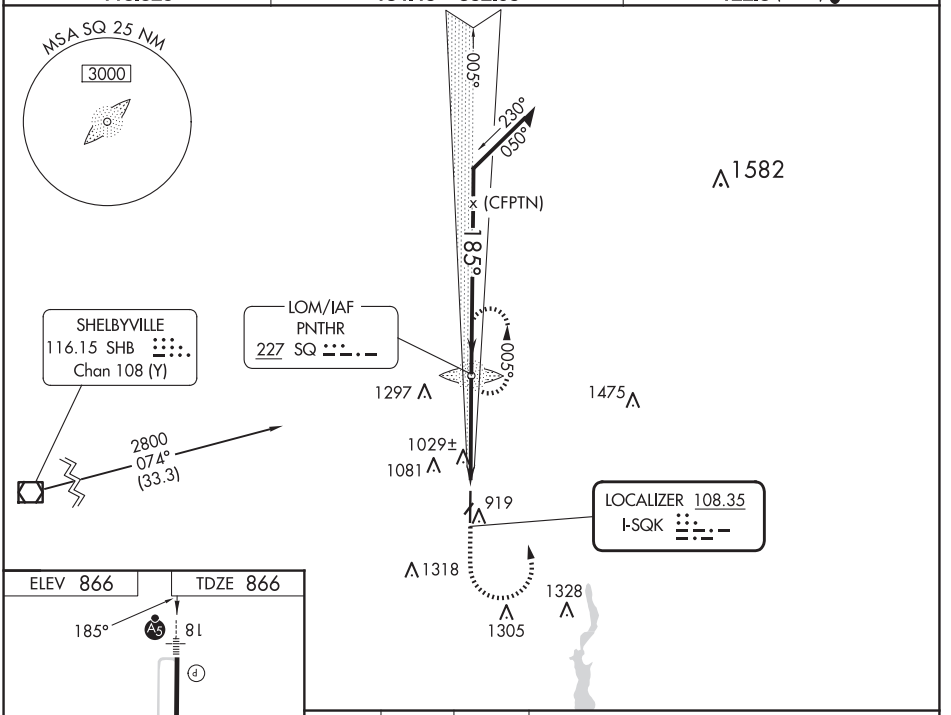
ADF required.

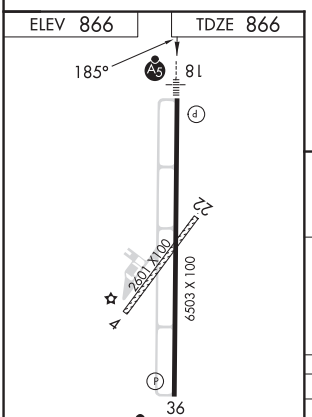
T A NA Circling NA to Rwys 4 and 22. For inop MALSR, increase S-LOC 18 Cats C/D visibility to 1⅛ mile. When local altimeter setting not received, use James M Cox Dayton Intl altimeter setting and increase ILS DA to 1237 feet and visibility all Cats to ⅝ mile, increase all MDA 140 feet and LOC Cats C/D visibility to 1⅛ mile, and Circling Cat B visibility to 1¼ miles and Cat C to 2¾ miles and Cat D to 3 miles. When using James M Cox Dayton Intl altimeter setting: for inop MALSR, increase S-ILS 18 all Cats visibility to 1 mile and increase S-LOC 18 Cat A/B visibility to 1 mile and Cat C/D to 1⅝ mile.

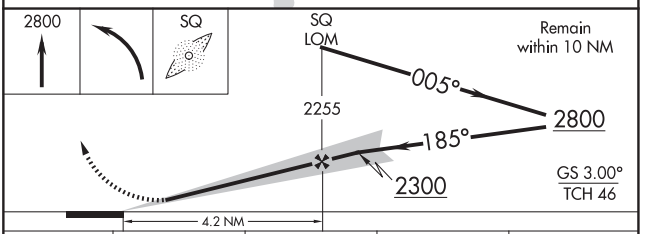
MALSR (A5)

MISSED APPROACH: Climb to 2800 then left turn direct SQ LOM and hold.

AWOS-3	COLUMBUS APP CON	UNICOM
118.325	134.45 352.05	122.8 (CTAF) L







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 18	1116-½ 250 (300-½)			
S-LOC 18	1280-½ 414 (500-½)		1280-¾ 414 (500-¾)	
C CIRCLING	1440-1 574 (600-1)	1540-1 674 (700-1)	1620-2¼ 754 (800-2¼)	1620-2½ 754 (800-2½)

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

CONNERSVILLE, INDIANA

AL-5371 (FAA)

24305

RNAV (GPS) RWY 18

METTEL FLD (CEV)

WAAS	APP CRS	Rwy Idg	6503
CH 93699	185°	TDZE	866
W18A		Apt Elev	866

RNP APCH.

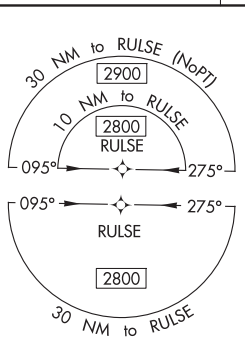
T NA

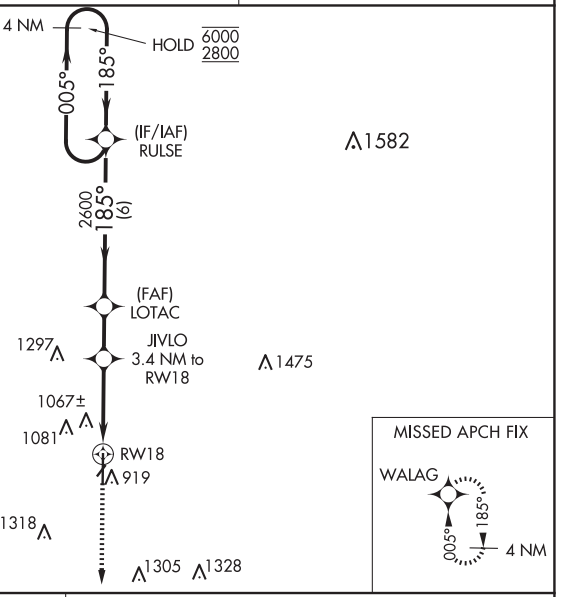
For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -16°C or above 54°C. VDP and Baro-VNAV NA when using James M. Cox Dayton Intl altimeter setting. Circling Rwy 4, 22 NA at night. For inop ALS increase LPV all Cats visibility to 1 SM, LNAV/VNAV all Cats visibility to 1⅜ SM, and LNAV Cats A/B visibility to 1 SM. For inop ALS when using James M. Cox Dayton Intl altimeter setting, increase LPV all Cats visibility to 1 SM, LNAV/VNAV all Cats visibility to 1¾ SM. When local altimeter setting not received, use James M. Cox Dayton Intl altimeter setting and increase all DA 121 feet and all MDA 140 feet: increase LPV and LNAV/VNAV all Cats and LNAV Cat C/D visibility ⅜ SM, and Circling Cat C/D visibility ½ SM.

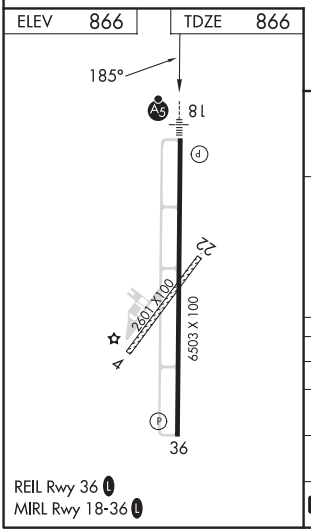
MALSR

MISSED APPROACH: Climb to 2800 direct WALAG and hold.

AWOS-3	COLUMBUS APP CON	UNICOM
118.325	134.45 352.05	122.8 (CTAF) L

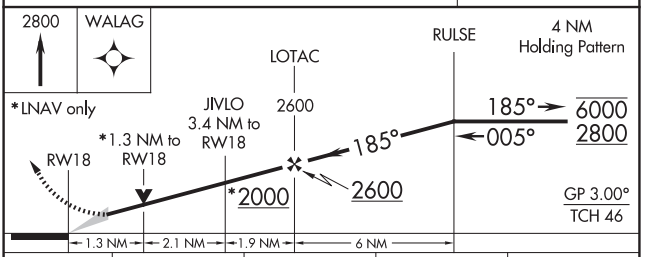






REIL Rwy 36 L

MIRL Rwy 18-36 L



CATEGORY	A	B	C	D
LPV DA	1116-½ 250 (300-½)			
LNAV/VNAV DA	1385-1 519 (600-1)			
LNAV MDA	1320-½ 454 (500-½)		1320-⅞ 454 (500-⅞)	
C CIRCLING	1440-1 574 (600-1)	1540-1 674 (700-1)	1620-2¼ 754 (800-2¼)	1620-2½ 754 (800-2½)

EC-2, 12 JUN 2025 to 07 AUG 2025

EC-2, 12 JUN 2025 to 07 AUG 2025

WAAS CH 93929 W36A	APP CRS 005°	Rwy Idg 6503 TDZE 862 Apt Elev 866

RNAV (GPS) RWY 36

METTEL FLD (CEV)

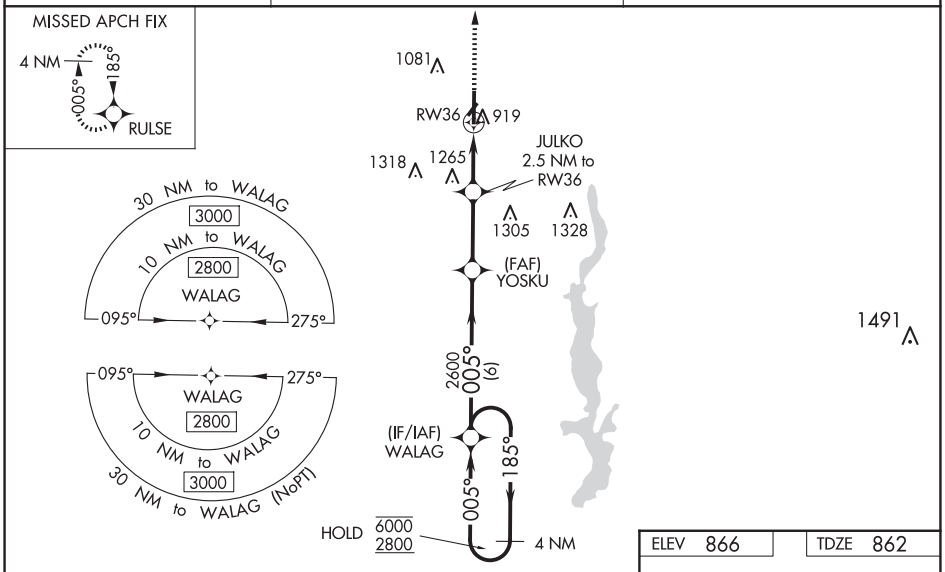
RNP APCH.

T NA

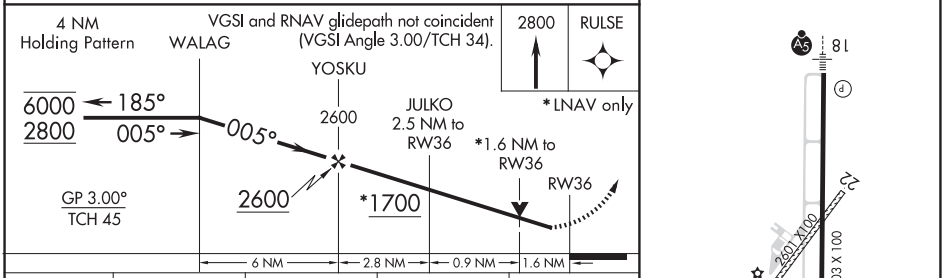
For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -16°C or above 54°C. VDP and Baro VNAV NA when using James M. Cox Dayton Intl altimeter setting. Rwy 36 helicopter visibility reduction below ¾ SM NA. Circling Rwy 4, 22 NA at night. When local altimeter setting not received, use James M Cox Dayton Intl altimeter setting and increase LPV DA to 1253 feet and visibility all Cats to 1⅛ SM, LNAV/VNAV DA to 1472 feet and visibility all Cats to 1¾ SM, increase all MDA 140 feet and LNAV Cats C/D visibility to 1⅞ SM, Circling Cat B to 1¼ SM, Cat C to 2¾ SM, and Cat D to 3 SM.

MISSED APPROACH: Climb to 2800 direct RULSE and hold.

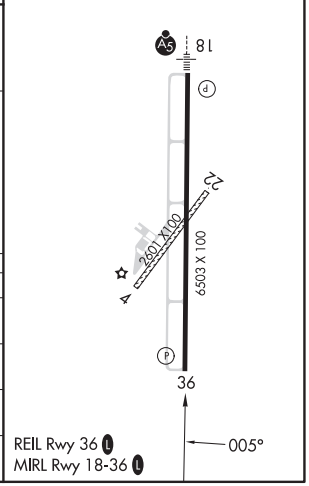
AWOS-3	COLUMBUS APP CON	UNICOM
118.325	134.45 352.05	122.8 (CTAF) L



ELEV 866 TDZE 862



CATEGORY	A	B	C	D
LPV DA	1132-⅞ 270 (300-⅞)			
LNAV/VNAV DA	1351-1⅜ 489 (500-1⅜)			
LNAV MDA	1400-1 538 (600-1)		1400-1½ 538 (600-1½)	
C CIRCLING	1440-1 574 (600-1)	1540-1 674 (700-1)	1620-2¼ 754 (800-2¼)	1620-2½ 754 (800-2½)



EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

COSHOCTON, OHIO AL-5804 (FAA) 23278

WAAS	APP CRS	Rwy Idg	5001
CH 86543	044°	TDZE	978
W04A		Apt Elev	979

RNAV (GPS) RWY 4

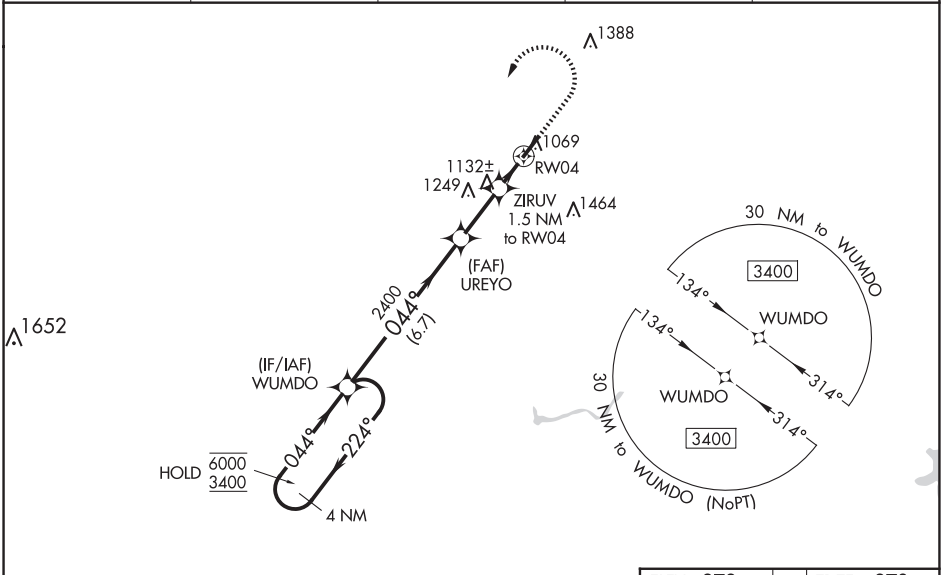
RICHARD DOWNING (I40)

RNP APCH.

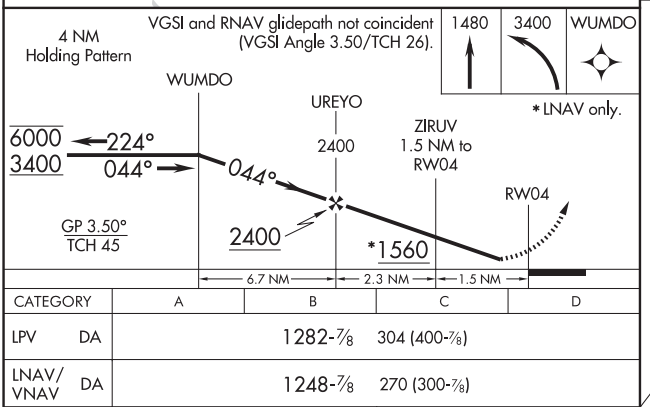
T A NA Rwy 4 helicopter visibility reduction below ¾ SM NA. Baro-VNAV NA when using Zanesville altimeter setting. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -16°C or above 48°C. When local altimeter setting not received, use Zanesville altimeter setting and increase LPV DA to 1344 feet, increase LNAV/VNAV DA to 1310 feet, increase all MDA 80 feet and LPV and LNAV/VNAV visibility ⅛ SM, LNAV Cat C/D visibility ¼ SM, and Circling Cat C/D visibility ½ SM.

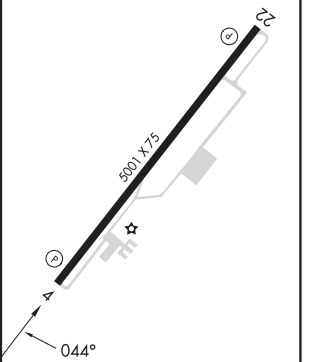
MISSED APPROACH: Climb to 1480 then climbing left turn to 3400 direct WUMDO and hold.

AWOS-3	INDIANAPOLIS CENTER	GCO	UNICOM	
118.875	124.45 323.275	121.725	123.0 (CTAF)	122.9 L



ELEV 979 TDZE 978





CATEGORY	A	B	C	D
LPV DA	1282-⅞	304 (400-⅞)		
LNAV/VNAV DA	1248-⅞	270 (300-⅞)		
LNAV MDA	1400-1	422 (500-1)	1400-1¼	422 (500-1¼)
C CIRCLING	1440-1 461 (500-1)	1500-1 521 (600-1)	1780-2¼ 801 (900-2¼)	1780-2½ 801 (900-2½)

COSHOCTON, OHIO
Orig-A 05OCT23

40°19′N-81°51′W

RICHARD DOWNING (I40)
RNAV (GPS) RWY 4

EC-2, 12 JUN 2025 to 07 AUG 2025

EC-2, 12 JUN 2025 to 07 AUG 2025

RNAV (GPS) RWY 22

RICHARD DOWNING (I40)

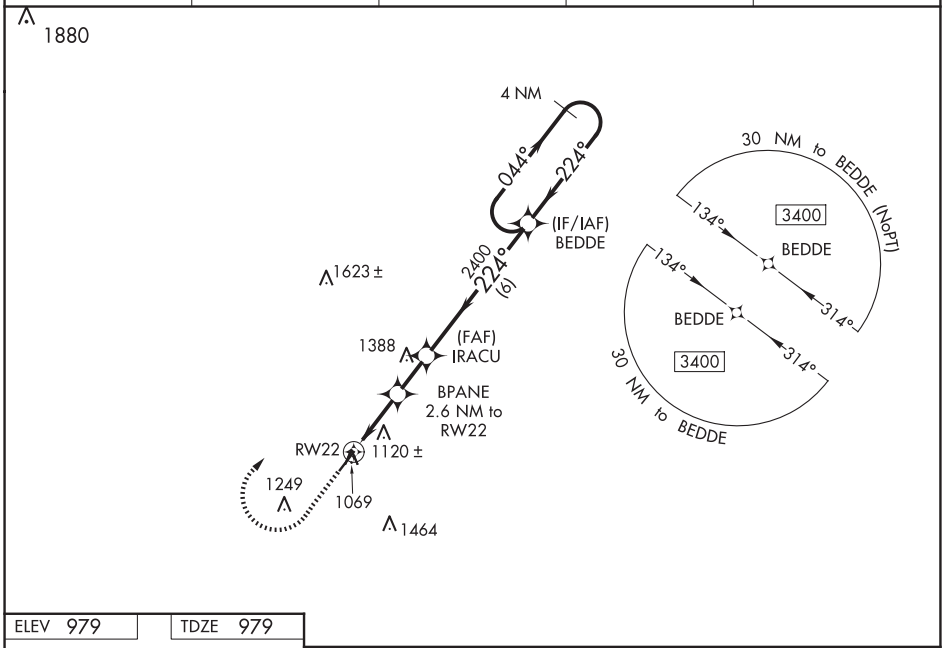
WAAS CH 42838 W22A	APP CRS 224°	Rwy Idg 5001 TDZE 979 Apt Elev 979

For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -16°C (4°F) or above 54°C (130°F). Baro-VNAV and VDP NA when using Zanesville altimeter setting. DME/DME RNP-0.3 NA. When local altimeter setting not received, use Zanesville altimeter setting and increase LPV DA to 1291 feet and all visibilities ¼ SM, increase LNAV/VNAV DA to 1501 feet and all visibilities ⅛ SM, increase all MDA 80 feet and LNAV Cat C/D visibility ¼ SM, Circling Cat C/D visibility ½ SM.

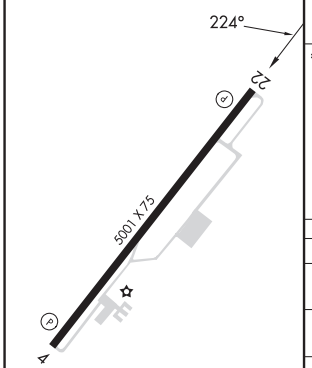
NA

MISSED APPROACH: Climb to 1400 then climbing right turn to 3400 direct BEDDE and hold.

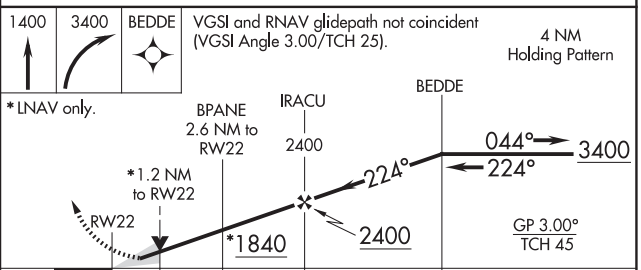
AWOS-3	INDIANAPOLIS CENTER	GCO	UNICOM	
118.875	124.45 323.275	121.725	123.0 (CTAF)	122.9 L



ELEV 979 TDZE 979



REIL Rwy 22 L
MIRL Rwy 4-22 L



CATEGORY	A	B	C	D
LPV DA	1229-¾ 250 (300-¾)			
LNAV/VNAV DA	1439-1⅝ 460 (500-1⅝)			
LNAV MDA	1380-1 401 (500-1)		1380-1⅛ 401 (500-1⅛)	
C CIRCLING	1440-1 461 (500-1)	1520-1 541 (600-1)	1780-2¼ 801 (900-2¼)	1780-2½ 801 (900-2½)

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

CRAWFORDSVILLE, INDIANA | AL-6014 (FAA) | 25163

WAAS	APP CRS	Rwy Ldg	5506
CH 82739	047°	TDZE	797
W04A		Apt Elev	800

RNAV (GPS) RWY 4

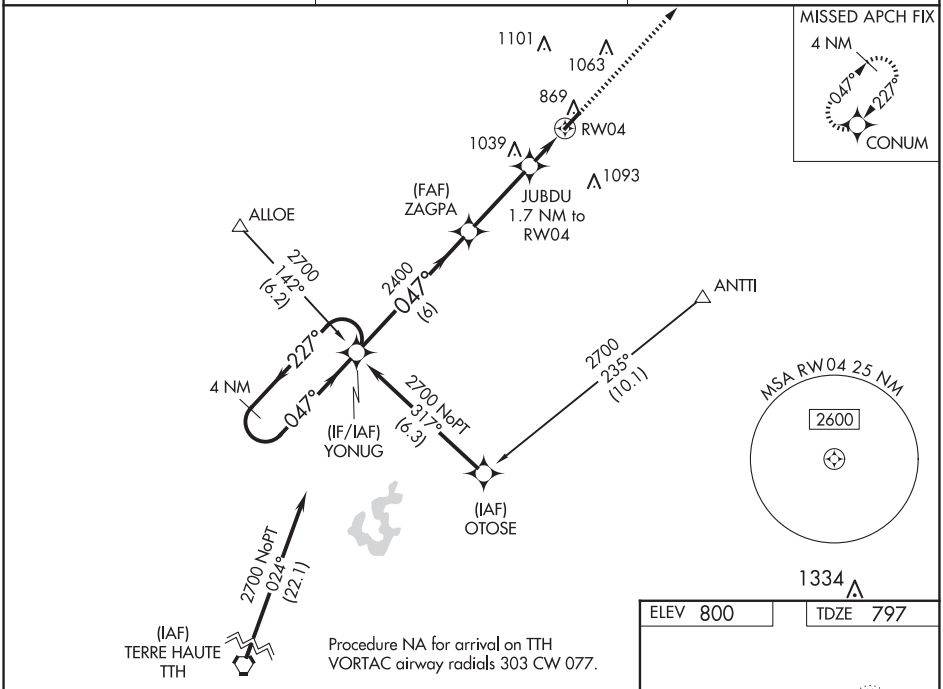
CRAWFORDSVILLE RGNL (CFJ)

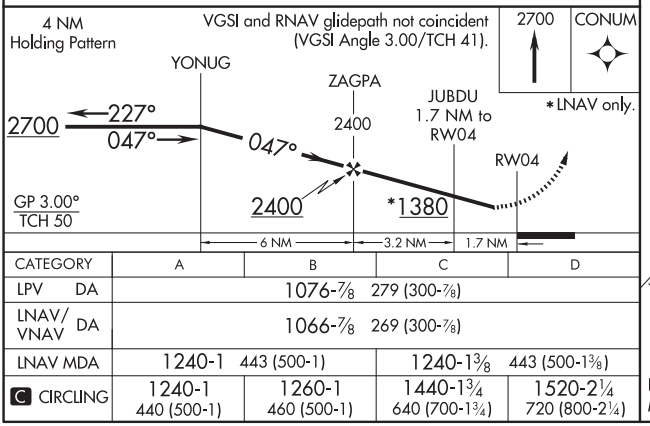
RNP APCH.

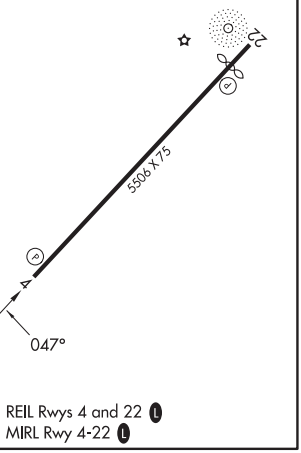
Baro-VNAV NA when using Greencastle altimeter setting. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -16°C or above 54°C. When local altimeter setting not received, use Greencastle altimeter setting: increase LPV DA to 1128 feet and all visibilities ¼ SM, LNAV/VNAV DA to 1118 feet and all visibilities ¼ SM; increase all MDA 60 feet and Circling Cats C and D visibilities ¼ SM. Rwy 4 helicopter visibility reduction below ¾ SM NA.

MISSED APPROACH: Climb to 2700 direct CONUM and hold.

AWOS-3PT	INDIANAPOLIS APP CON	UNICOM
125.65	119.05 317.8	122.8 (CTAF) L







CATEGORY	A	B	C	D
LPV DA	1076-⅞ 279 (300-⅞)			
LNAV/VNAV DA	1066-⅞ 269 (300-⅞)			
LNAV MDA	1240-1 443 (500-1)		1240-1⅜ 443 (500-1⅜)	
C CIRCLING	1240-1 440 (500-1)	1260-1 460 (500-1)	1440-1¾ 640 (700-1¾)	1520-2¼ 720 (800-2¼)

CRAWFORDSVILLE, INDIANA
Amdt 1B 08NOV18

39°59′N-86°55′W

CRAWFORDSVILLE RGNL (CFJ)
RNAV (GPS) RWY 4

EC-2, 12 JUN 2025 to 07 AUG 2025

RNAV (GPS) RWY 22

CRAWFORDSVILLE RGNL (CFJ)

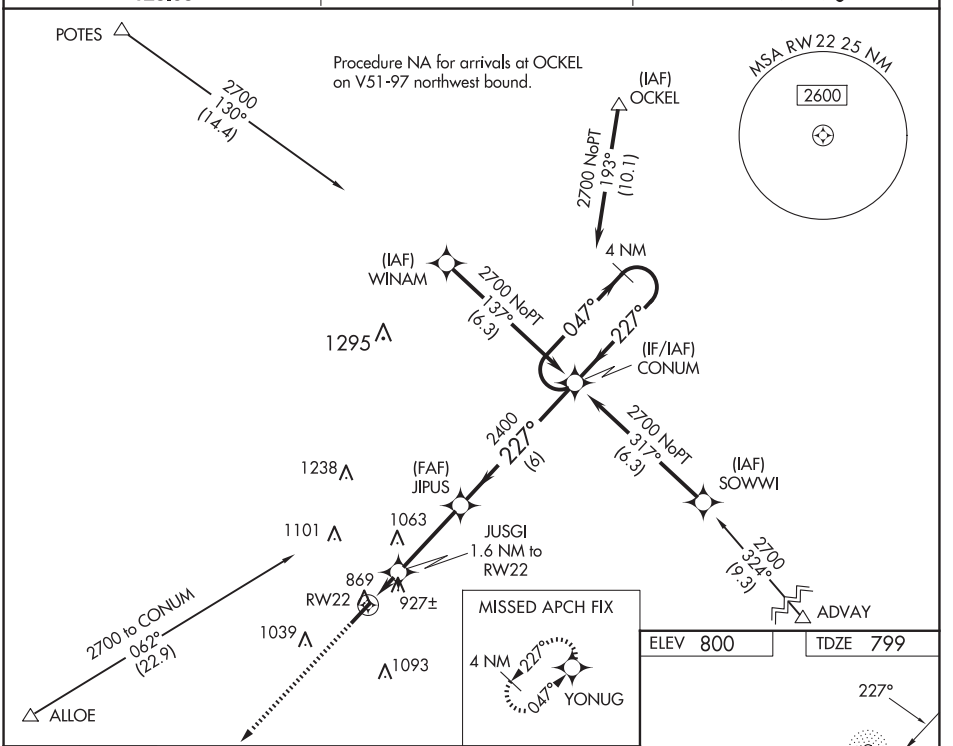
WAAS CH 60941 W22A	APP CRS 227°	Rwy Ldg 5004 / TDZE 799 / Apt Elev 800

RNP APCH.

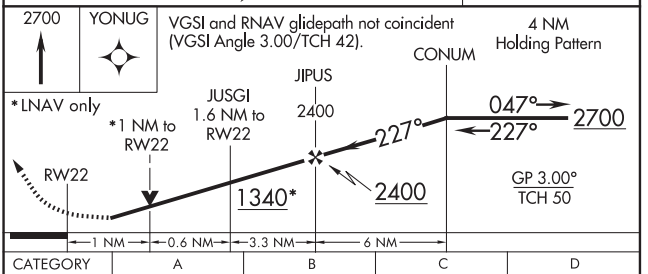
For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -16°C or above 54°C. Baro-VNAV and VDP NA when using Greencastle altimeter setting. When local altimeter setting not received, use Greencastle altimeter setting: increase LPV DA to 1104 feet, LNAV/VNAV DA to 1115 feet; increase all MDA 60 feet and visibility Cats C and D 1¼ SM. Rwy 22 helicopter visibility reduction below ¾ SM NA.

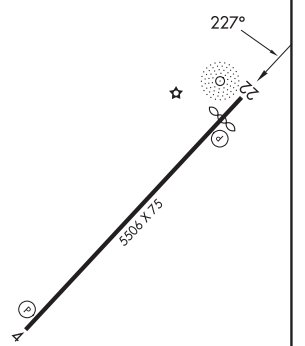
MISSED APPROACH: Climb to 2700 direct YONUG and hold.

AWOS-3PT	INDIANAPOLIS APP CON	UNICOM
125.65	119.05 317.8	122.8 (CTAF) L



ELEV 800 TDZE 799





CATEGORY	A	B	C	D
LPV DA		1052-1	253 (300-1)	
LNAV/VNAV DA		1063-1	264 (300-1)	
LNAV MDA	1180-1 381 (400-1)		1180-1⅛ 381 (400-1⅛)	
C CIRCLING	1240-1 440 (500-1)	1260-1 460 (500-1)	1440-1¾ 640 (700-1¾)	1520-2¼ 720 (800-2¼)

REIL Rwys 4 and 22 L
MIRL Rwy 4-22 L

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

CRAWFORDSVILLE, INDIANA | AL-6014 (FAA) | 25163

NDB RWY 4

CRAWFORDSVILLE RGNL (CFJ)

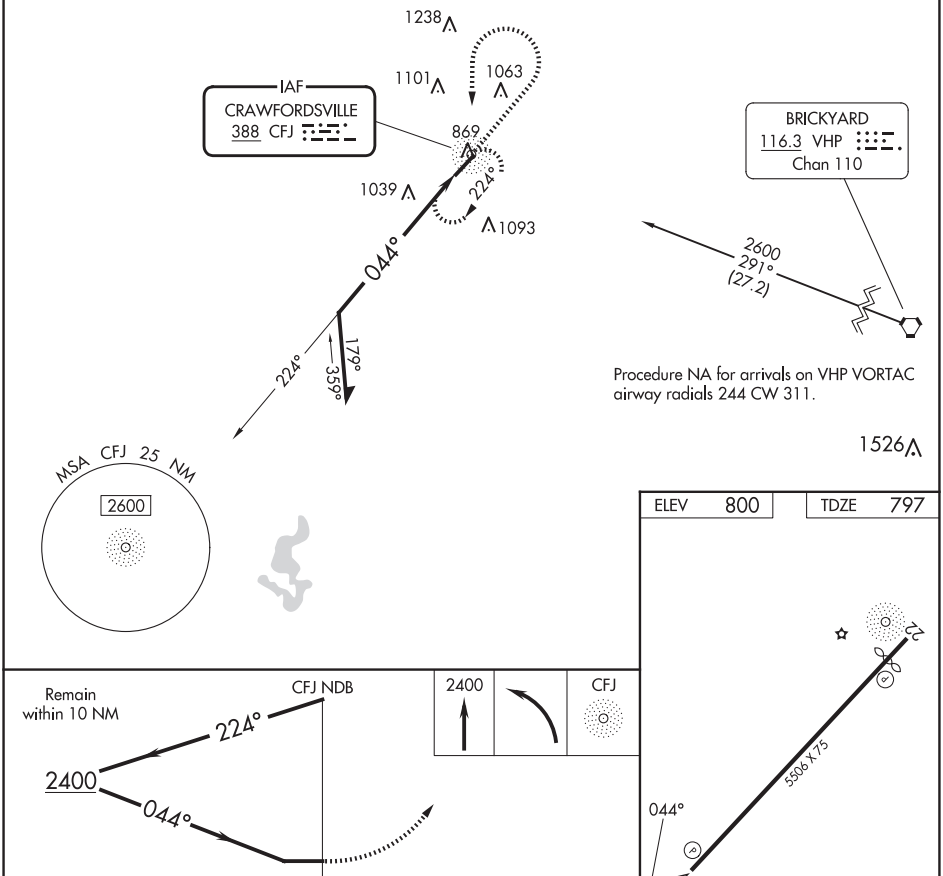
NDB CFJ	APP CRS	Rwy Ldg	5506
388	044°	TDZE	797
		Apt Elev	800

When local altimeter setting not received, use Greencastle altimeter setting: increase all MDA 60 feet and visibility Cats C and D ¼ SM. Rwy 4 helicopter visibility reduction below ¾ SM NA.

NA

MISSED APPROACH: Climb to 2400 then left turn direct CFJ NDB and hold.

AWOS-3PT	INDIANAPOLIS APP CON	UNICOM
125.65	119.05 317.8	122.8 (CTAF) L



CATEGORY	A	B	C	D
S-04	1420-1	623 (700-1)	1420-1¾	623 (700-1¾)
C CIRCLING	1420-1	620 (700-1)	1440-1¾ 640 (700-1¾)	1520-2¼ 720 (800-2¼)

CRAWFORDSVILLE, INDIANA
Amdt 6A 08NOV18

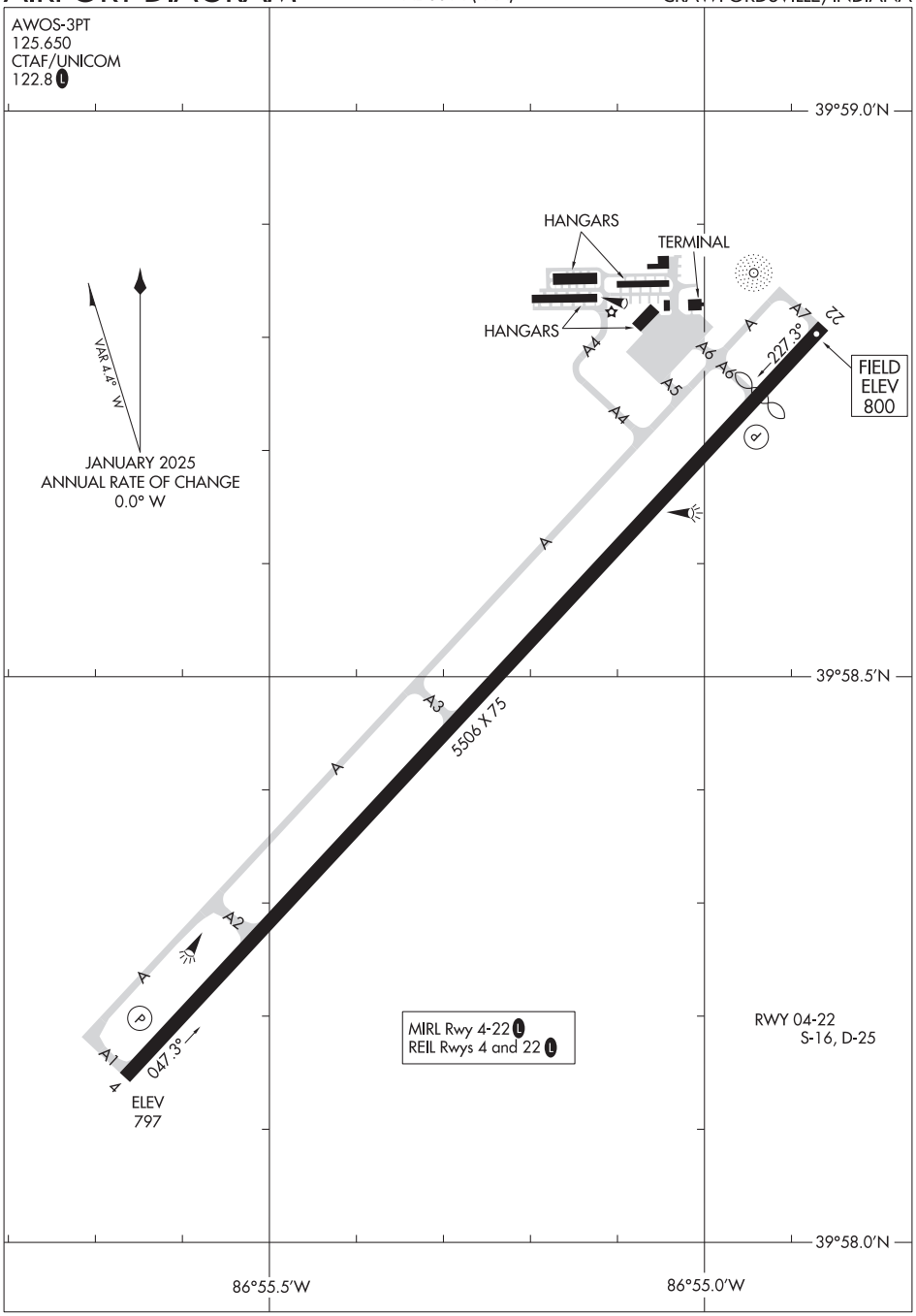
39°59'N-'86°55'W

CRAWFORDSVILLE RGNL (CFJ)

NDB RWY 4

EC-2, 12 JUN 2025 to 07 AUG 2025

EC-2, 12 JUN 2025 to 07 AUG 2025



EC-2, 12 JUN 2025 to 07 AUG 2025

DAYTON, OHIO | AL-6307 (FAA) | 24137

APP CRS	Rwy Idg	N/A
208°	TDZE	N/A
	Apt Elev	1028

RNAV (GPS)-A

DAYTON/PHILLIPSBURG (3I7)

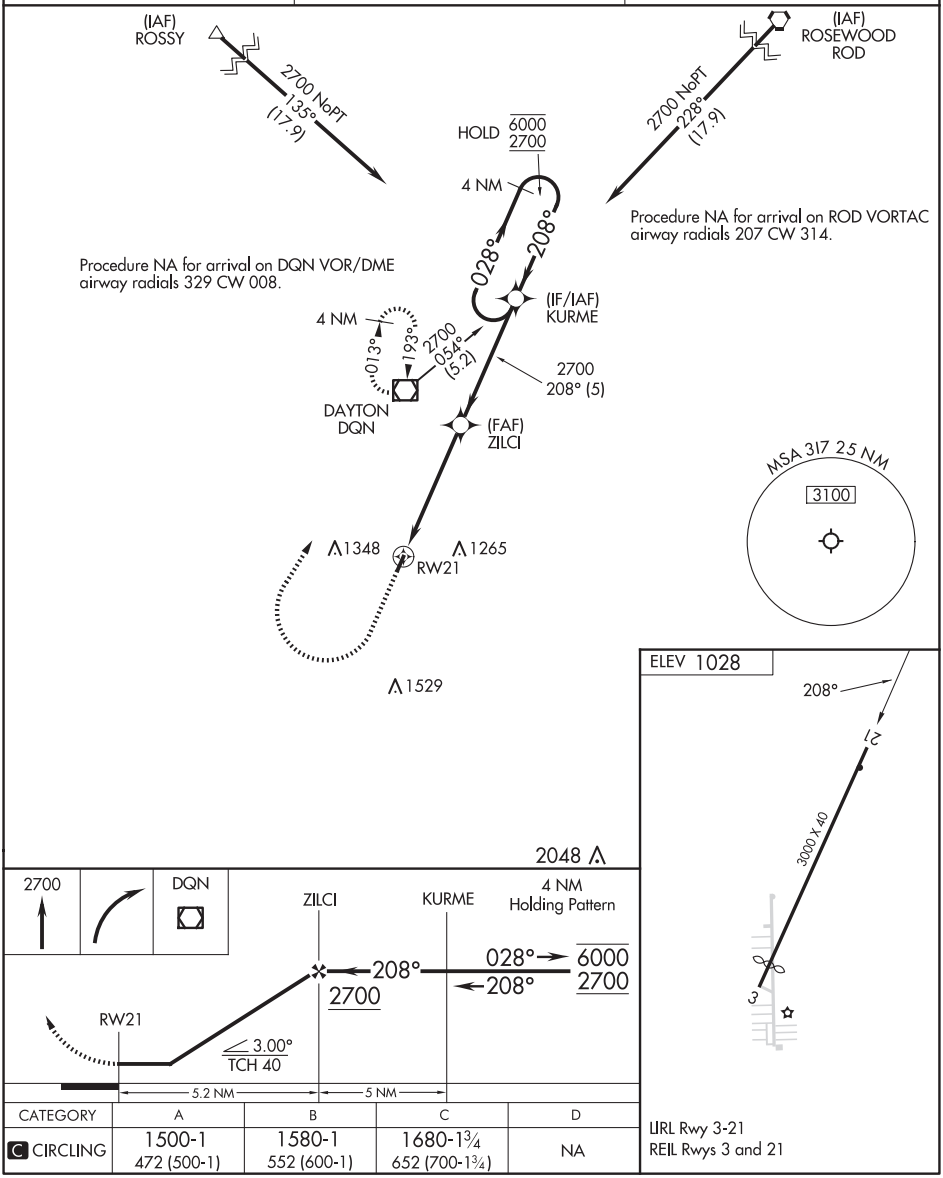
RNP APCH - GPS.

NA

Use James M Cox Dayton Intl altimeter setting.

MISSED APPROACH: Climb to 2700 then right turn direct DQN VOR/DME and hold.

DAY ASOS	COLUMBUS APP CON	UNICOM
125.8	134.45 352.05	122.7 (CTAF)



CATEGORY	A	B	C	D
C CIRCLING	1500-1 472 (500-1)	1580-1 552 (600-1)	1680-1¾ 652 (700-1¾)	NA

LIRL Rwy 3-21
REIL Rwys 3 and 21

DAYTON, OHIO
Orig 17JUN21

39°55′N-84°24′W

DAYTON/PHILLIPSBURG (3I7)
RNAV (GPS)-A

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

RNAV (GPS) RWY 2

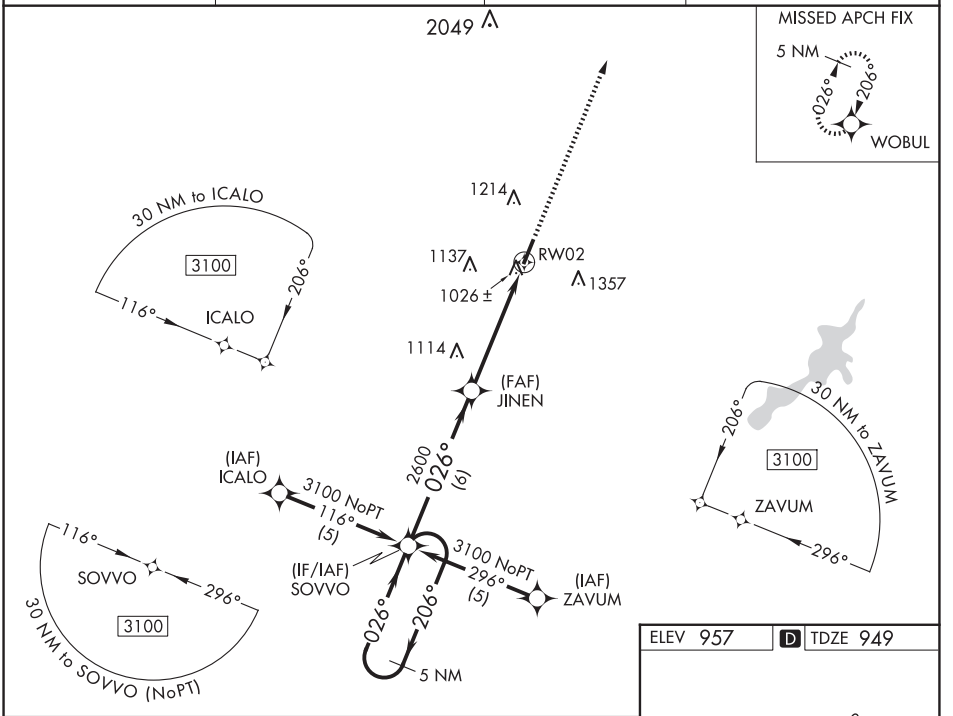
DAYTON/WRIGHT BROTHERS (MGY)

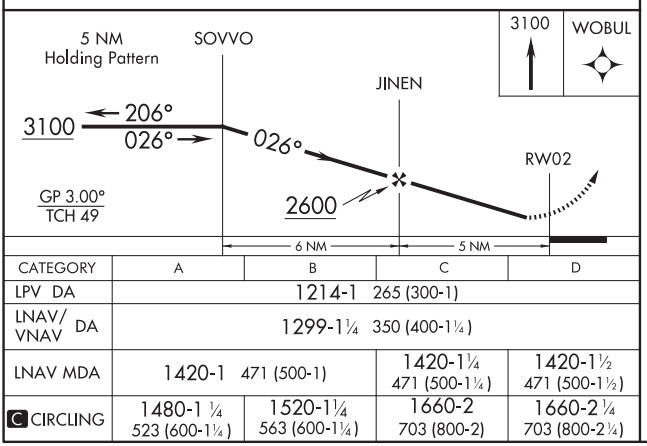
WAAS	APP CRS	Rwy Idg	4700
CH 45801	026°	TDZE	949
W02A		Apt Elev	957

T Baro-VNAV NA when using James M Cox Dayton Intl altimeter setting. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -16°C (4°F) or above 47°C (116°F). DME/DME RNP-0.3 NA. Visibility reduction for helicopters NA. When local altimeter setting not received, use James M Cox Dayton Intl altimeter setting and increase all DAs/MDAs 60 feet and Circling Cat C/D visibility ¼ SM.

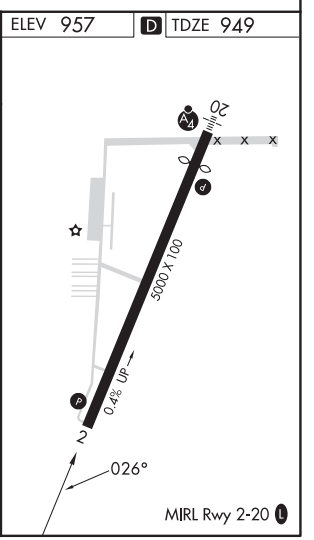
MISSED APPROACH: Climb to 3100 direct WOBUL and hold.

ASOS	COLUMBUS APP CON	CLNC DEL	UNICOM
118.375	118.85 269.275	119.4	122.8 (CTAF) L





CATEGORY	A	B	C	D
LPV DA	1214-1 265 (300-1)			
LNAV/VNAV DA	1299-1¼ 350 (400-1¼)			
LNAV MDA	1420-1 471 (500-1)		1420-1¼ 471 (500-1¼)	1420-1½ 471 (500-1½)
C CIRCLING	1480-1 ¼ 523 (600-1¼)	1520-1¼ 563 (600-1¼)	1660-2 703 (800-2)	1660-2¼ 703 (800-2¼)



EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

DAYTON, OHIO

AL-5042 (FAA)

22307

RNAV (GPS) RWY 20

DAYTON/WRIGHT BROTHERS (MGY)

WAAS	APP CRS	Rwy Idg	4410
CH 93601	206°	TDZE	955
W20A		Apt Elev	957

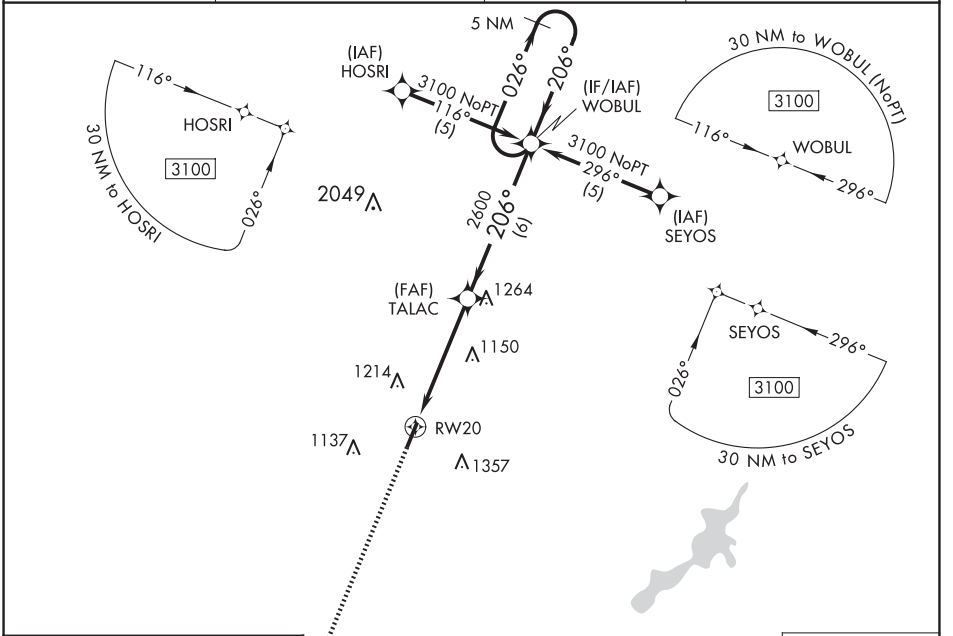
RNP APCH.

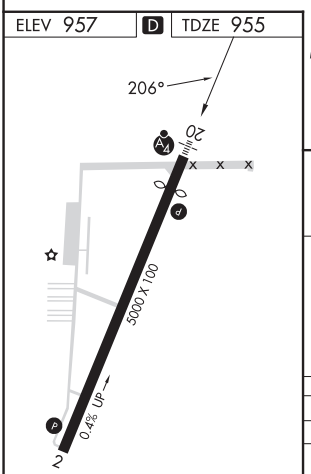
Inoperative table does not apply. When local altimeter setting not received, use James M Cox Dayton Intl altimeter setting and increase all DAs/MDAs 60 feet and Circling Cat C/D visibility ¼ SM. Rwy 20 helicopter visibility reduction below ¾ SM NA. VDP NA when using James M Cox Dayton Intl altimeter setting.

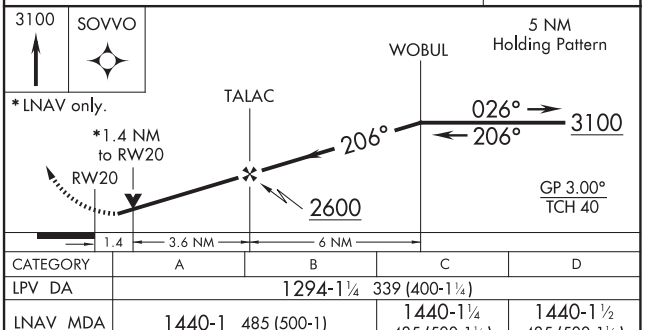
MALS

MISSED APPROACH: Climb to 3100 direct SOVVO and hold.

ASOS	COLUMBUS APP CON	CLNC DEL	UNICOM
118.375	118.85 269.275	119.4	122.8 (CTAF) L







CATEGORY	A	B	C	D
LPV DA	1294-1¼ 339 (400-1¼)			
LNAV MDA	1440-1 485 (500-1)		1440-1¼ 485 (500-1¼)	1440-1½ 485 (500-1½)
C CIRCLING	1480-1¼ 523 (600-1¼)	1520-1¼ 563 (600-1¼)	1660-2 703 (800-2)	1660-2¼ 703 (800-2¼)

EC-2, 12 JUN 2025 to 07 AUG 2025

EC-2, 12 JUN 2025 to 07 AUG 2025

LOC RWY 20

DAYTON/WRIGHT BROTHERS (MGY)

LOC/DME I-MGY	APP CRS	Rwy Idg	4410
109.5	206°	TDZE	955
Chan 32		Apt Elev	957

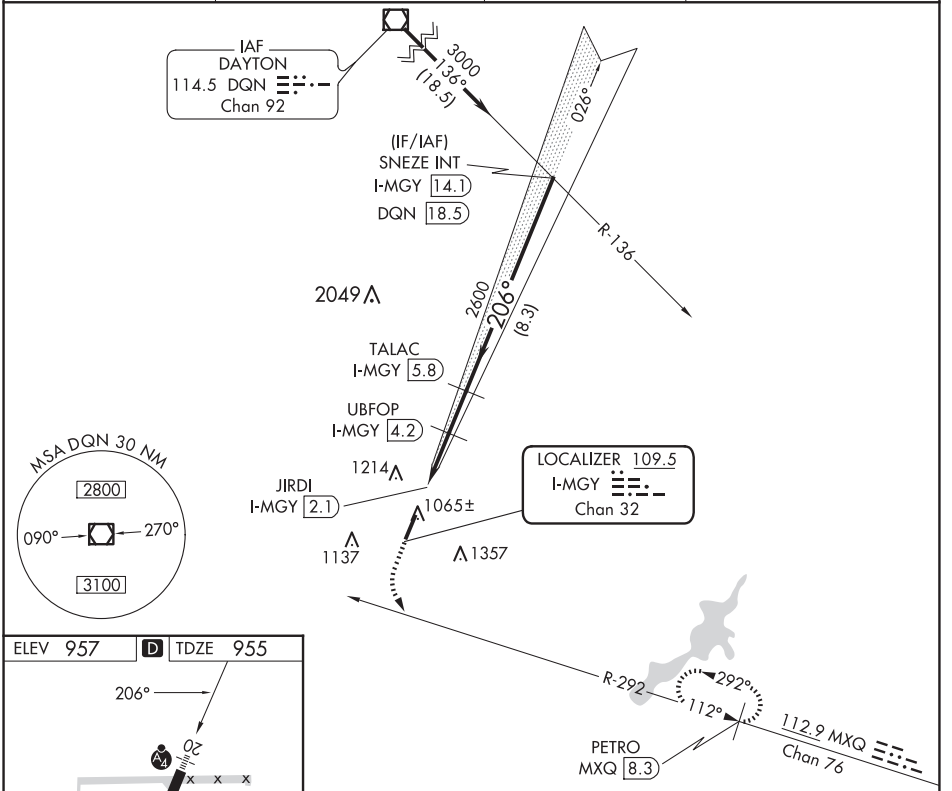
DME required.

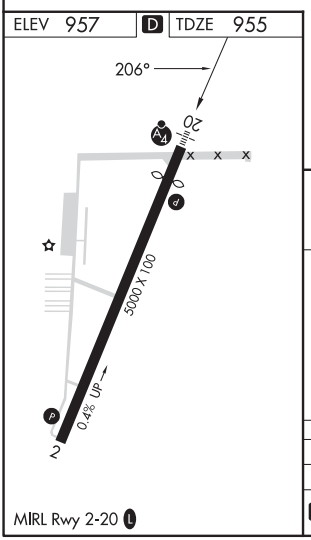
Rwy 20 helicopter visibility reduction below ¾ SM NA.
Inop table does not apply.

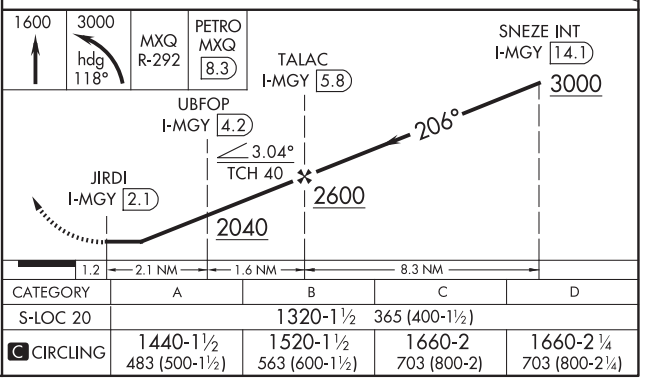
MALS

MISSED APPROACH: Climb to 1600 then climbing left turn to 3000 on heading 118° and MXQ VOR/DME R-292 to PETRO MXQ 8.3 DME and hold.

ASOS	COLUMBUS APP CON	CLNC DEL	UNICOM
118.375	118.85 269.275	119.4	122.8 (CTAF)







CATEGORY	A	B	C	D
S-LOC 20	1320-1½ 365 (400-1½)			
C CIRCLING	1440-1½ 483 (500-1½)	1520-1½ 563 (600-1½)	1660-2 703 (800-2)	1660-2¼ 703 (800-2¼)

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

DAYTON, OHIO

AL-5042 (FAA)

22307

NDB-A

DAYTON/WRIGHT BROTHERS (MGY)

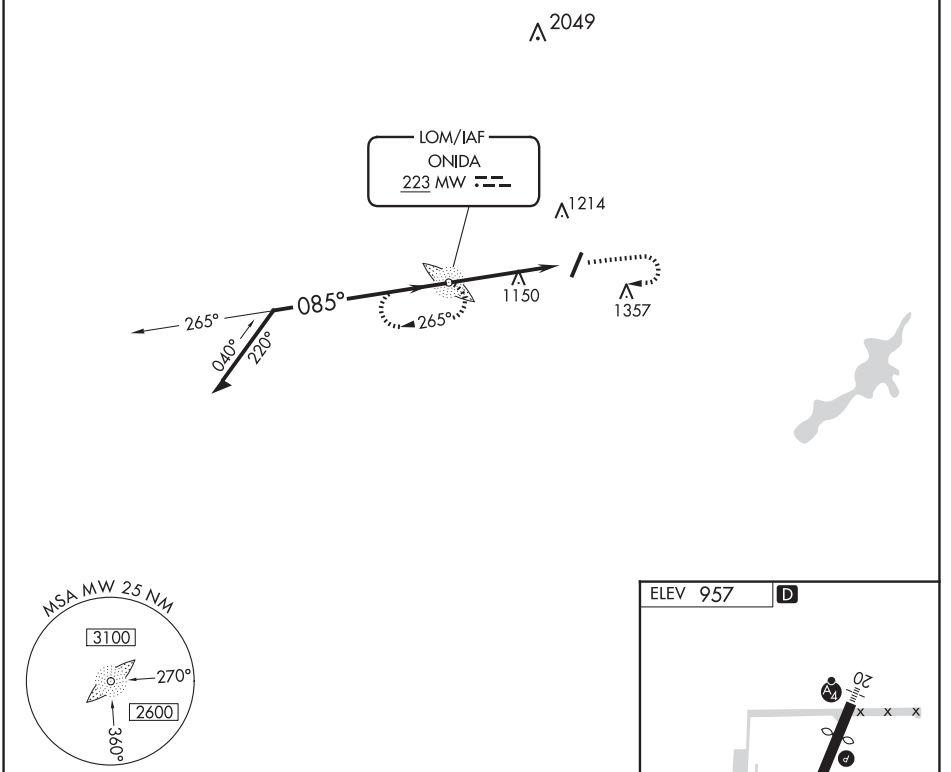
LOM MW	APP CRS	Rwy Idg	N/A
223	085°	TDZE	N/A
		Apt Elev	957

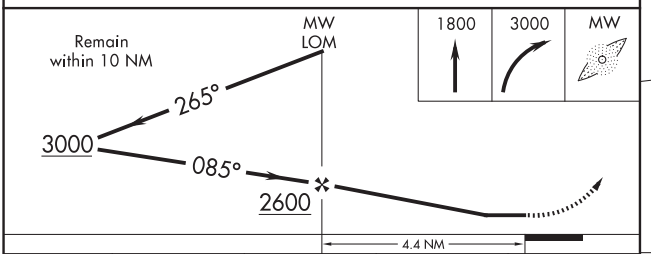
RADAR required for procedure entry.

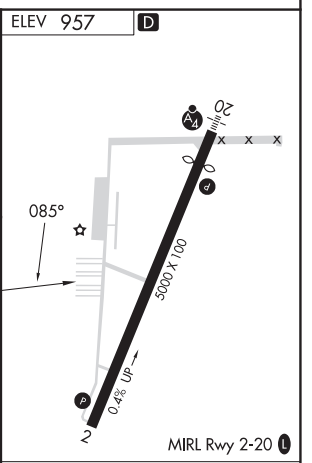
T
NA
When local altimeter setting not received, use James M Cox Dayton Intl altimeter setting and increase all MDAs 60 feet, and Cat C/D visibilities ¼ SM.

MISSED APPROACH: Climb to 1800 then climbing right turn to 3000 direct MW LOM and hold.

ASOS	COLUMBUS APP CON	CLNC DEL	UNICOM
118.375	118.85 269.275	119.4	122.8 (CTAF) L







CATEGORY	A	B	C	D
C CIRCLING	1480-1 523 (600-1)	1520-1 563 (600-1)	1660-2 703 (800-2)	1660-2¼ 703 (800-2¼)

FAF to MAP 4.4 NM

Knots	60	90	120	150	180
Min:Sec	4:24	2:56	2:12	1:46	1:28

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

WAAS CH **97702** **W07A**	APP CRS **068°**	Rwy Ldg **5004** TDZE **932** Apt Elev **949**

RNAV (GPS) RWY 7

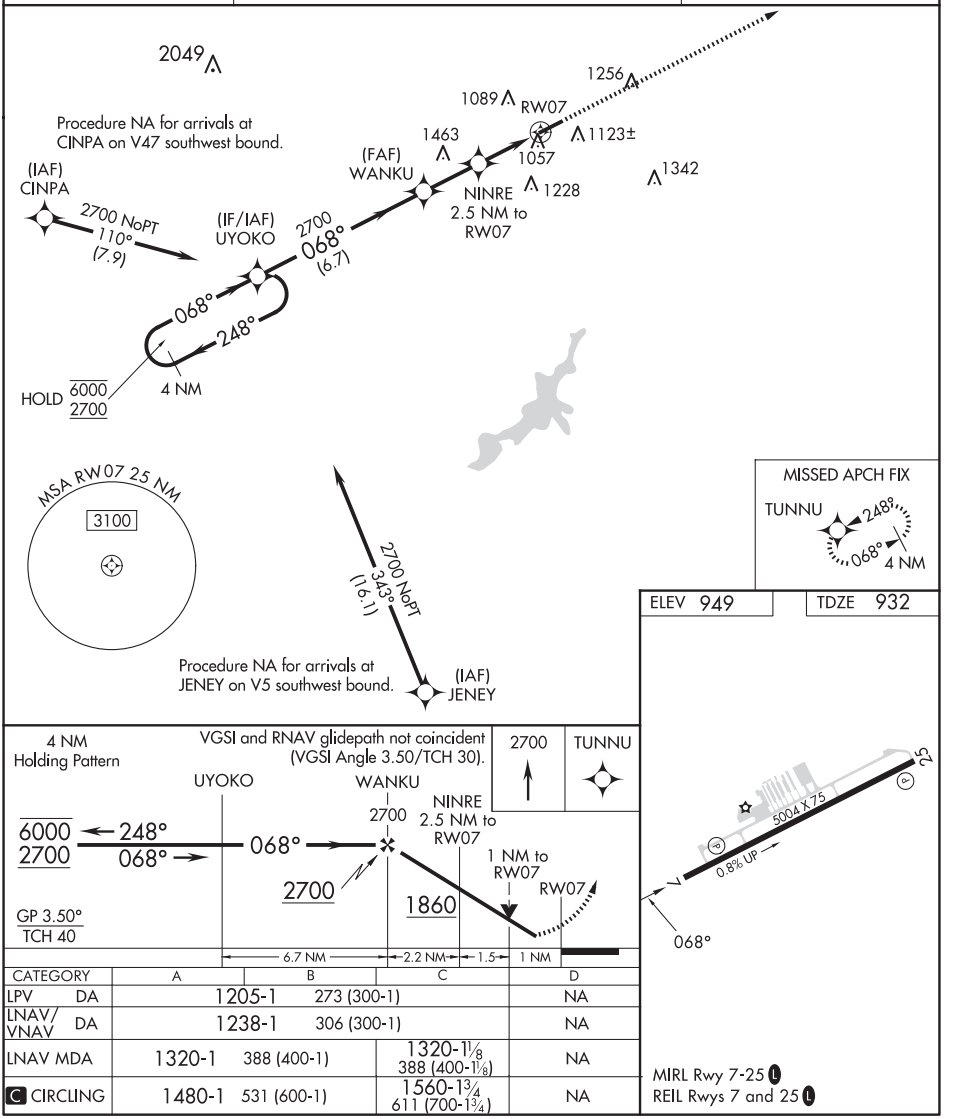
GREENE COUNTY/LEWIS A JACKSON RGNL (GDK)

RNP APCH - GPS.

T A When local altimeter setting not received, use Dayton/Wright Brothers altimeter setting: increase LPV DA to 1235 feet; increase LNAV/VNAV DA to 1268 feet; increase all MDA 40 feet and LNAV visibility Cat C ⅛ SM. Rwy 7 helicopter visibility reduction below ¾ SM NA. VDP and Baro-VNAV NA when using Dayton/Wright Brothers altimeter setting. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -16°C or above 54°C.

MISSED APPROACH: Climb to 2700 direct TUNNU and hold.

AWOS-3	COLUMBUS APP CON	UNICOM
118.525	**118.85 269.275**	**122.725** (CTAF) L



CATEGORY	A	B	C	D
LPV DA	1205-1	273 (300-1)		NA
LNAV/VNAV DA	1238-1	306 (300-1)		NA
LNAV MDA	1320-1	388 (400-1)	1320-1⅛ 388 (400-1⅛)	NA
C CIRCLING	1480-1	531 (600-1)	1560-1¾ 611 (700-1¾)	NA

MIRL Rwy 7-25 L
REIL Rwys 7 and 25 L

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

DAYTON, OHIO | AL-5879 (FAA) | 25163

WAAS CH 56602 W25A	APP CRS 248°	Rwy Ldg 5004 TDZE 949 Apt Elev 949

RNAV (GPS) RWY 25

GREENE COUNTY/LEWIS A JACKSON RGNL (GDK)

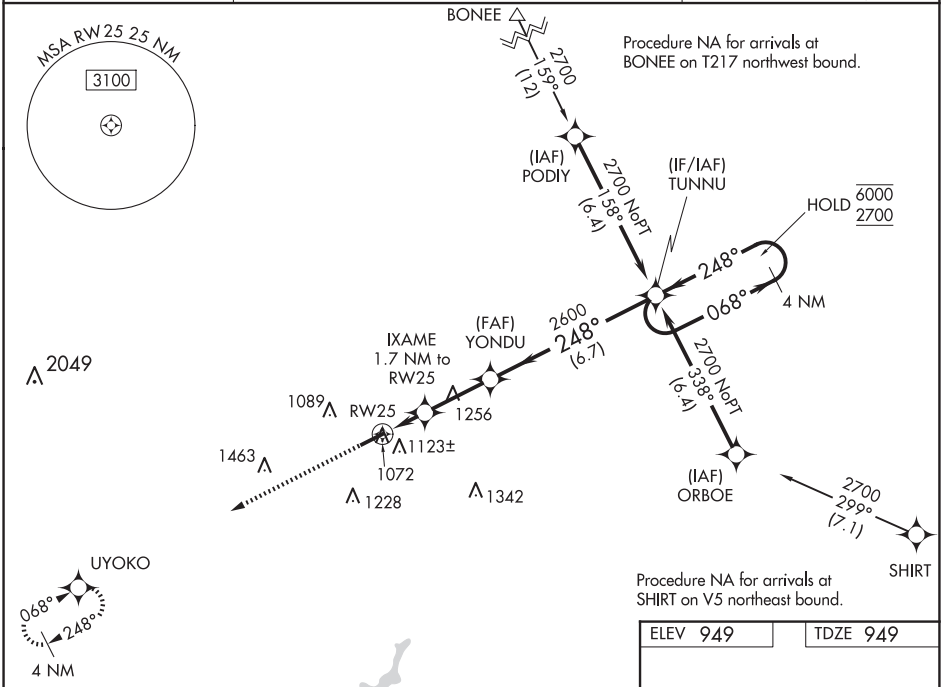
RNP APCH - GPS.

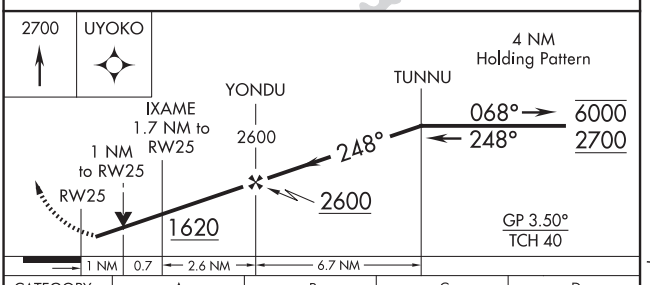
T A

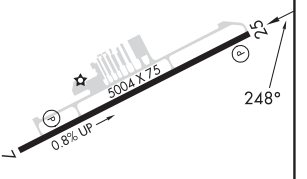
For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -16°C or above 54°C. Rwy 25 helicopter visibility reduction below ¾ SM NA. VDP and Baro-VNAV NA when using Dayton/Wright Brothers altimeter setting. When local altimeter setting not received, use Dayton/Wright Brothers altimeter setting: increase LPV DA to 1249 feet; increase LNAV/VNAV DA to 1252 feet; increase all MDA 40 feet and LNAV visibility Cat C 1⅛ SM.

MISSED APPROACH: Climb to 2700 direct UYOKO and hold.

AWOS-3	COLUMBUS APP CON	UNICOM
118.525	118.85 269.275	122.725 (CTAF) L







ELEV 949 | TDZE 949

CATEGORY	A	B	C	D
LPV DA	1219-1 270 (300-1)			NA
LNAV/VNAV DA	1222-1 273 (300-1)			NA
LNAV MDA	1340-1 391 (400-1)		1340-1⅛ 391 (400-1⅛)	NA
C CIRCLING	1480-1 531 (600-1)		1560-1¾ 611 (700-1¾)	NA

MIRL Rwy 7-25 L
REIL Rwys 7 and 25 L

DAYTON, OHIO
Amdt 1B 30NOV23

GREENE COUNTY/LEWIS A JACKSON RGNL (GDK)
39°41'N-84°00'W
RNAV (GPS) RWY 25

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

ILS or LOC RWY 6L

JAMES M COX DAYTON INTL (DAY)

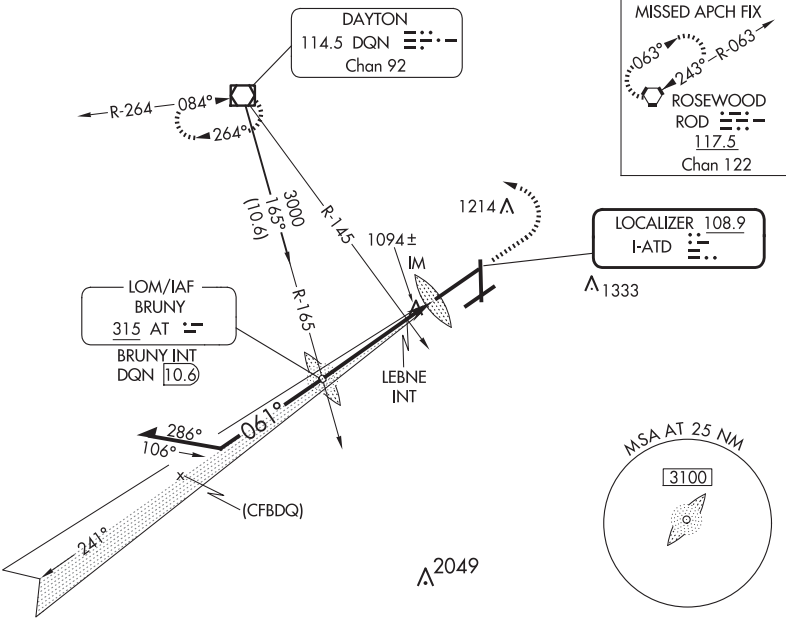
LOC I-ATD	APP CRS	Rwy Idg	10900
108.9	061°	TDZE	998
		Apt Elev	1009

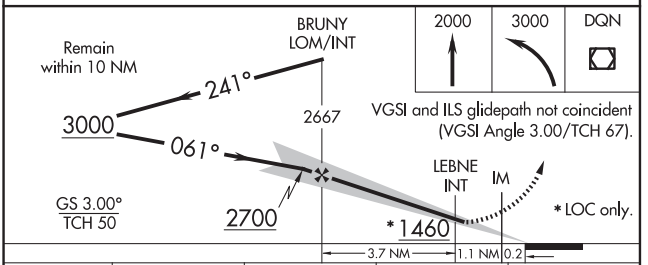
Simultaneous approach authorized.
For inop ALSF-2, increase S-LOC 6L Cat C/D visibility to 1⅜ mile.

ALSF-2

MISSED APPROACH: Climb to 2000 then climbing left turn to 3000 direct DQN VOR/DME and hold.

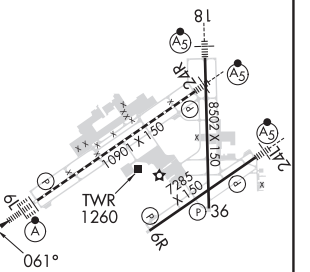
ATIS	COLUMBUS APP CON	DAYTON TOWER	GND CON	CLNC DEL
125.8	134.45 323.15	119.9 257.7	121.9	121.75





CATEGORY	A	B	C	D
S-ILS 6L	1198/18 200 (200-½)			
S-LOC 6L	1460/24 462 (500-½)		1460/50 462 (500-1)	
C CIRCLING	1580-1 571 (600-1)		1580-1½ 571 (600-1½)	1640-2 631 (700-2)
LEBNE FIX MINIMUMS (DUAL VOR RECEIVERS REQUIRED)				
S-LOC 6L	1380/24 382 (400-½)		1380/35 382 (400-⅝)	
C CIRCLING	1580-1 571 (600-1)		1580-1½ 571 (600-1½)	1640-2 631 (700-2)

ELEV 1009 D TDZE 998



HIRL all Rwys
TDZ/CL Rwy 6L
REIL Rwys 6R and 36

FAF to MAP 5 NM

Knots	60	90	120	150	180
Min:Sec	5:00	3:20	2:30	2:00	1:40

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

DAYTON, OHIO

AL-107 (FAA)

25107

ILS or LOC RWY 18

JAMES M COX DAYTON INTL (DAY)

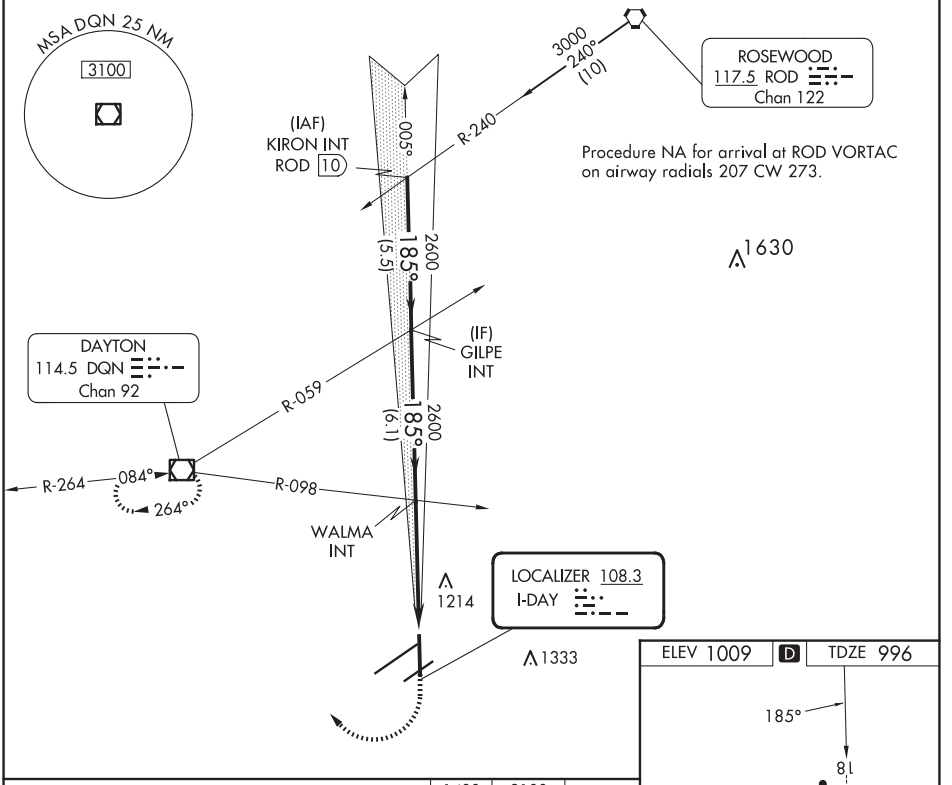
LOC I-DAY	APP CRS	Rwy Idg / TDZE / Apt Elev
108.3	185°	8502 / 996 / 1009

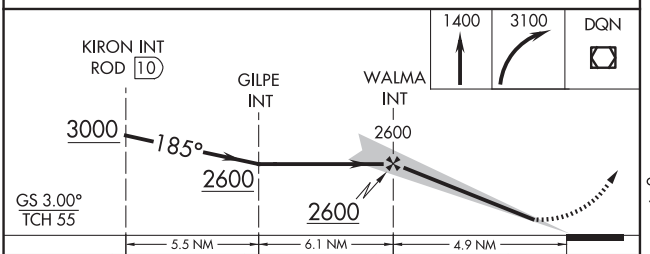
For inop ALS, increase S-LOC 18 Cat C/D visibility to RVR 6000.
** RVR 1800 authorized with use of FD or AP or HUD to DA.

MALSR

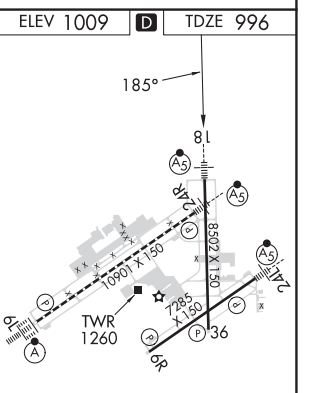
MISSED APPROACH: Climb to 1400 then climbing right turn to 3100 direct DQN VOR/DME and hold.

ATIS	COLUMBUS APP CON	DAYTON TOWER	GND CON	CLNC DEL
125.8	134.45 323.15	119.9 257.7	121.9	121.75





CATEGORY	A	B	C	D
S-ILS 18 **	1196/24 200 (200-½)			
S-LOC 18	1400/24 404 (400-½)		1400/40 404 (400-¾)	
C CIRCLING	1580-1 571 (600-1)		1580-1½ 571 (600-1½)	1640-2 631 (700-2)



HIRL all Rwys
TDZ/CL Rwy 6L
REIL Rwys 6R and 36

FAF to MAP 4.9 NM

Knots	60	90	120	150	180
Min:Sec	4:54	3:16	2:27	1:58	1:38

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

ILS or LOC RWY 24L

JAMES M COX DAYTON INTL (DAY)

LOC I-EGK 110.3 Chan 40	APP CRS 241°	Rwy Idg 7001 TDZE 1007 Apt Elev 1009

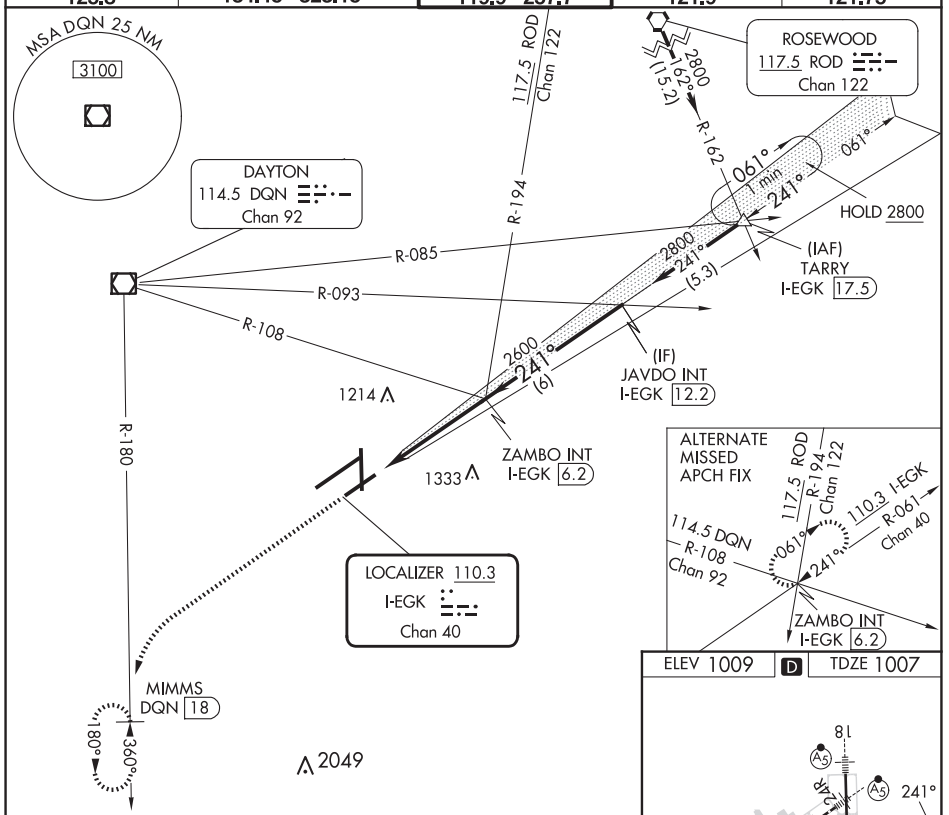
DME required.

T Simultaneous approach authorized.
RVR 1800 authorized with use of FD or AP or HUD to DA.

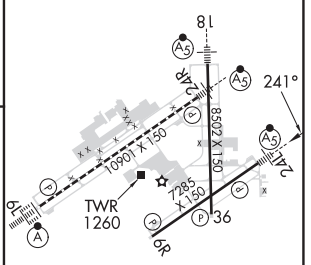
MALSR

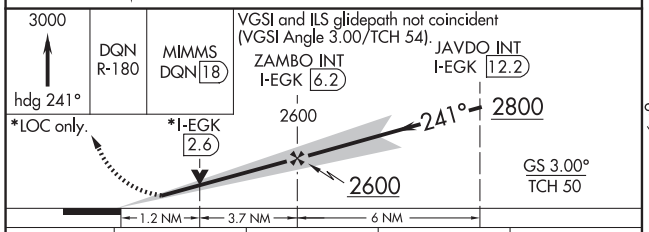
MISSED APPROACH: Climb to 3000 on heading 241° and DQN R-180 to MIMMS/DQN 18 DME and hold.

ATIS	COLUMBUS APP CON	DAYTON TOWER	GND CON	CLNC DEL
125.8	134.45 323.15	119.9 257.7	121.9	121.75



ELEV 1009	D	TDZE 1007





CATEGORY	A	B	C	D
S-ILS 24L #	1207/24 200 (200-½)			
S-LOC 24L	1440/24 433 (500-½)		1440/40 433 (500-¾)	
C CIRCLING	1580-1 571 (600-1)		1580-1½ 571 (600-1½)	1640-2 631 (700-2)

HIRL all Rwys
TDZ/CL Rwy 6L
REIL Rwys 6R and 36

FAF to MAP 4.9 NM

Knots	60	90	120	150	180
Min:Sec	4:54	3:16	2:27	1:58	1:38

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

DAYTON, OHIO | AL-107 (FAA) | 25107

LOC/DME I-VUQ	APP CRS	Rwy Idg 10900
111.9	241°	TDZE 997
Chan 56		Apt Elev 1009

ILS or LOC RWY 24R

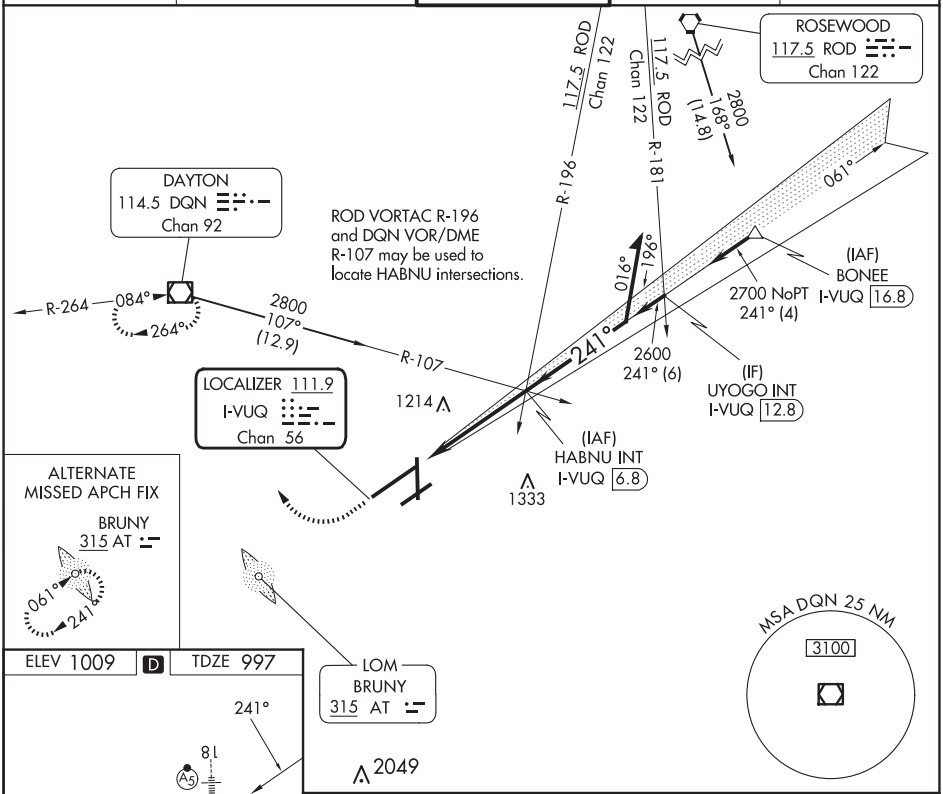
JAMES M COX DAYTON INTL (DAY)

Simultaneous approach authorized.
For inop ALS, increase S-LOC 24R Cat C/D visibility to RVR 6000.

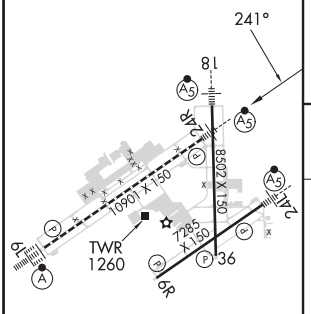
MALSR

MISSED APPROACH: Climb to 3000 then right turn direct DQN VOR/DME and hold.

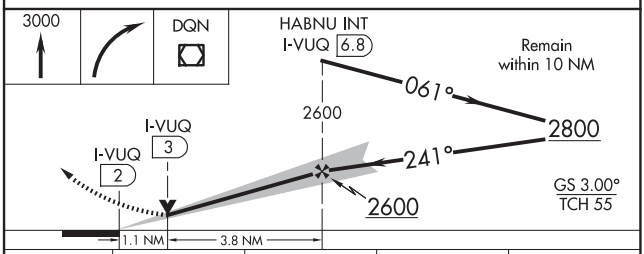
ATIS	COLUMBUS APP CON	DAYTON TOWER	GND CON	CLNC DEL
125.8	134.45 323.15	119.9 257.7	121.9	121.75



ELEV 1009 | D | TDZE 997



HIRL all Rwys
TDZ/CL Rwy 6L
REIL Rwys 6R and 36



CATEGORY	A	B	C	D
S-ILS 24R	1203/24		206 (200-½)	
S-LOC 24R	1400/24	403 (400-½)	1400/40	403 (400-¾)
C CIRCLING	1580-1	571 (600-1)	1580-1½ 571 (600-1½)	1640-2 631 (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

DAYTON, OHIO
Amdt 10B 07OCT21

39°54'N-84°13'W

JAMES M COX DAYTON INTL (DAY)

ILS or LOC RWY 24R

EC-2, 12 JUN 2025 to 07 AUG 2025

LOC I-ATD	APP CRS	Rwy Idg / TDZE / Apt Elev
108.9	061°	10900 / 998 / 1009

ILS RWY 6L (CAT II & III)

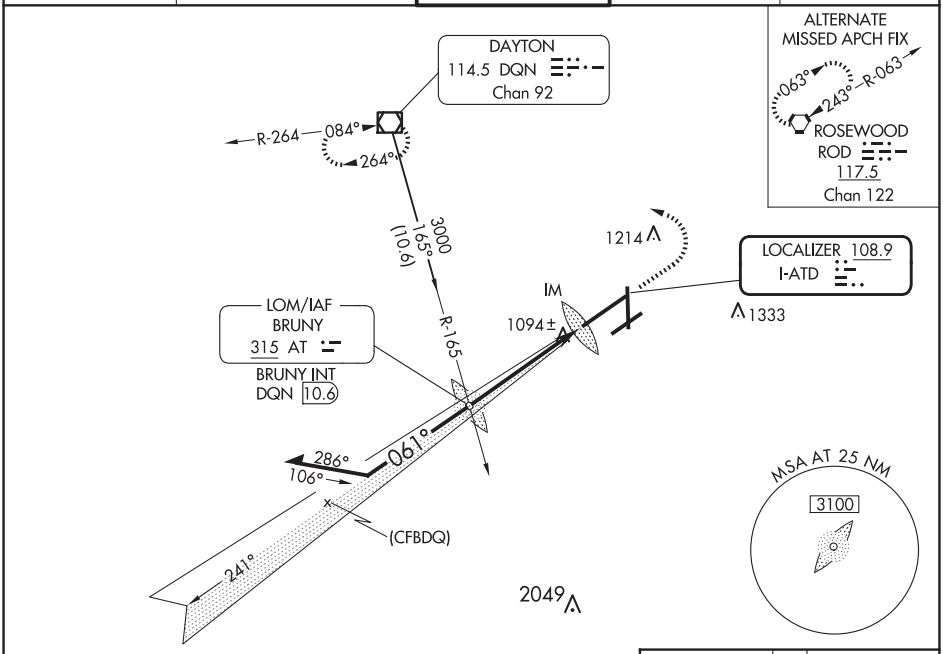
JAMES M COX DAYTON INTL (DAY)

Simultaneous approach authorized.
CAT II: RVR 1000 authorized with specific OPSPEC, MSPEC, or LOA approval and use of autoland or HUD to touchdown.

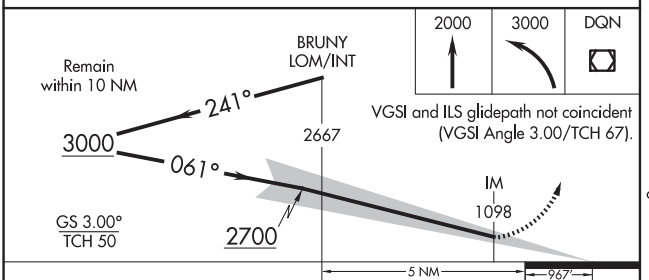
ALSF-2

MISSED APPROACH: Climb to 2000 then climbing left turn to 3000 direct DQN VOR/DME and hold.

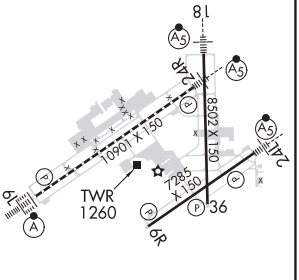
ATIS	COLUMBUS APP CON	DAYTON TOWER	GND CON	CLNC DEL
125.8	134.45 323.15	119.9 257.7	121.9	121.75



ELEV 1009 D TDZE 998



VGSI and ILS glidepath not coincident (VGSI Angle 3.00/TCH 67).



CATEGORY	A	B	C	D
S-ILS 6L	CAT II RA 99/12 100 DA 1098			
S-ILS 6L	CAT III RVR 06			

CATEGORY II & III ILS - SPECIAL AIRCREW & AIRCRAFT CERTIFICATION REQUIRED

HIRL all Rwys
TDZ/CL Rwy 6L
REIL Rwys 6R and 36

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

DAYTON, OHIO AL-107 (FAA) 25107

APP CRS	Rwy Idg	10900
061°	TDZE	998
	Apt Elev	1009

RNAV (RNP) Y RWY 6L

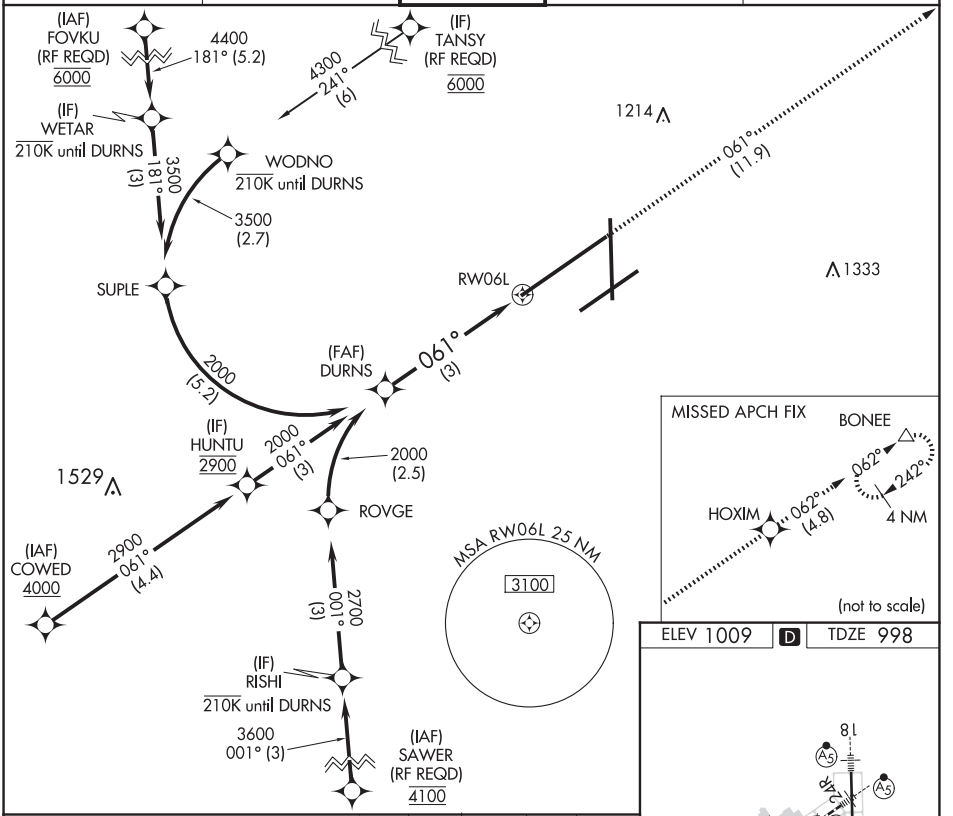
JAMES M COX DAYTON INTL (DAY)

GPS required. For uncompensated Baro-VNAV systems, procedure NA below -19°C (-2°F) or above 54°C (130°F). For inop ALS, increase RNP 0.10 all Cats visibility to RVR 6000. For inop ALS, increase RNP 0.30 all Cats visibility to 1⅝.

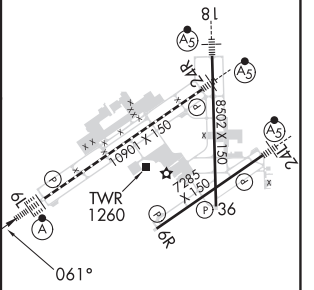
ALSF-2

MISSED APPROACH: Climb to 3000 on the RNAV missed approach route to BONEE and hold.

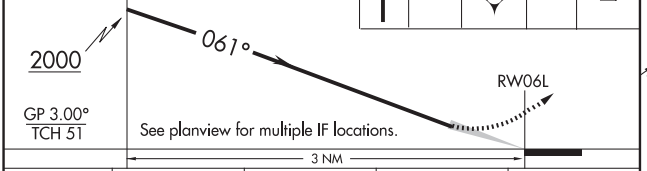
ATIS	COLUMBUS APP CON	DAYTON TOWER	GND CON	CLNC DEL
125.8	134.45 323.15	119.9 257.7	121.9	121.75



ELEV 1009 D TDZE 998



VGSI and RNAV glidepath not coincident (VGSI Angle 3.00/TCH 67).



3000	tr 061°	HOXIM	tr 062°	BONEE

CATEGORY	A	B	C	D
RNP 0.10 DA		1358/40	360 (400-¾)	
RNP 0.30 DA		1464/40	466 (500-1¼)	

AUTHORIZATION REQUIRED

HIRL all Rwys
TDZ/CL Rwy 6L
REIL Rwys 6R and 36

DAYTON, OHIO
Orig-B 24MAY18

39°54'N-84°13W

JAMES M COX DAYTON INTL (DAY)

RNAV (RNP) Y RWY 6L

EC-2, 12 JUN 2025 to 07 AUG 2025

EC-2, 12 JUN 2025 to 07 AUG 2025

RNAV (RNP) Y RWY 24R

JAMES M COX DAYTON INTL (DAY)

APP CRS	Rwy Idg	10900
241°	TDZE	997
	Apt Elev	1009

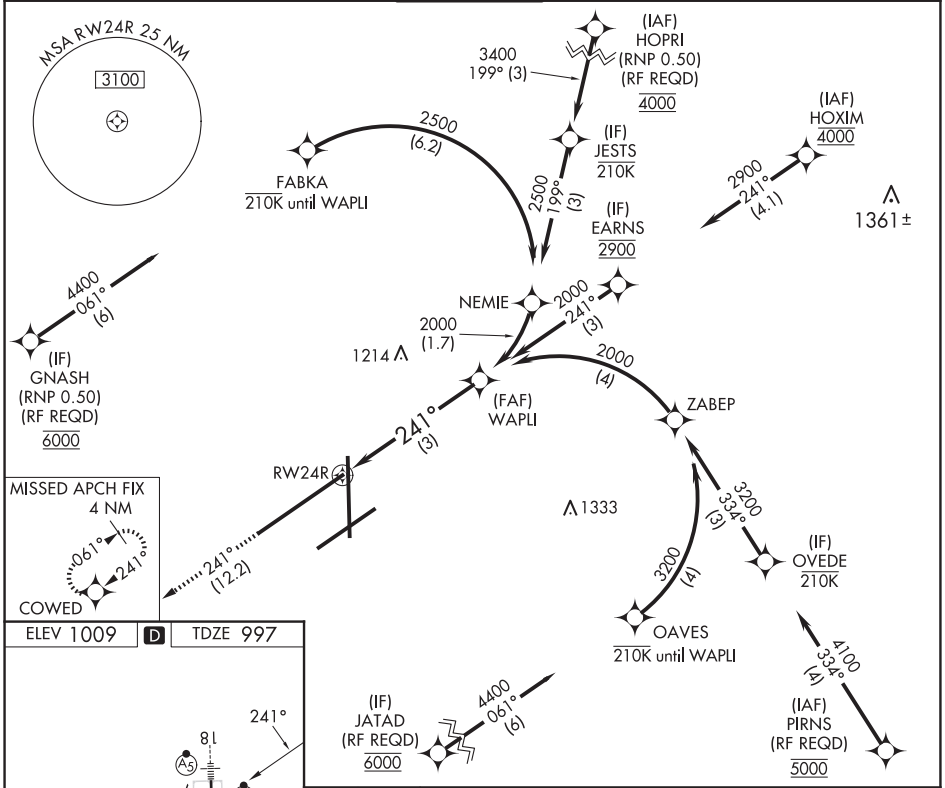
RNP AR APCH.

For inop ALS, increase RNP 0.10 all Cats visibility to RVR 5500 and RNP 0.30 all Cats visibility to 1⅜ SM. For uncompensated Baro-VNAV systems, procedure NA below -19°C or above 54°C.

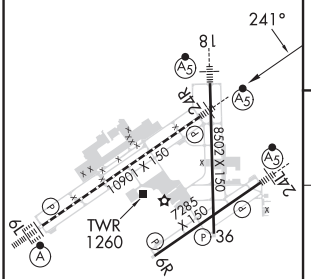
MALSR

MISSED APPROACH: Climb to 3000 on track 241° COWED and hold.

ATIS	COLUMBUS APP CON	DAYTON TOWER	GND CON	CLNC DEL
125.8	134.45 323.15	119.9 257.7	121.9	121.75

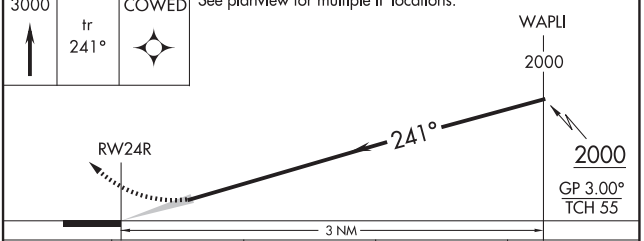


ELEV 1009 D TDZE 997



3000	tr 241°	COWED

See planview for multiple IF locations.



CATEGORY	A	B	C	D
RNP 0.10 DA	1334/35 337 (400-⅝)			
RNP 0.30 DA	1418/50 421 (500-1)			

AUTHORIZATION REQUIRED

HIRL all Rwys
TDZ/CL Rwy 6L
REIL Rwys 6R and 36

EC-2, 12 JUN 2025 to 07 AUG 2025
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DAYTON, OHIO | AL-107 (FAA) | 25163

RNAV (GPS) RWY 6R

JAMES M COX DAYTON INTL (DAY)

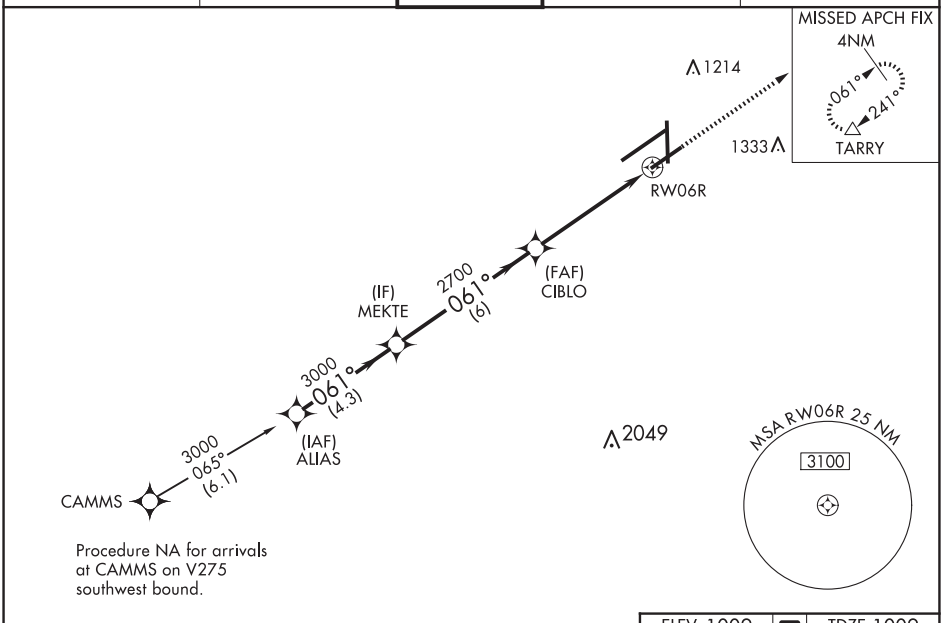
WAAS	APP CRS	Rwy Ldg	7001
CH 90414	061°	TDZE	1009
W06B		Apt Elev	1009

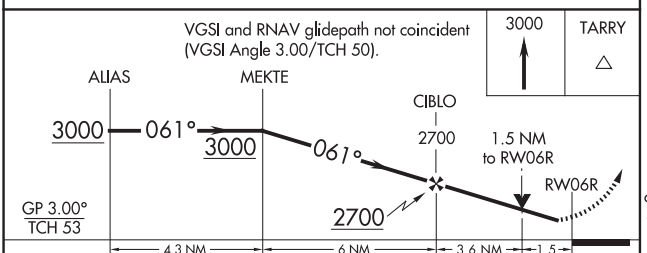
RNP APCH - GPS.

For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -19°C or above 54°C. Rwy 6R helicopter visibility reduction below ¾ SM NA. Simultaneous approach authorized. LNAV procedure NA during simultaneous operations. Use of FD or AP required during simultaneous operations.

MISSED APPROACH: Climb to 3000 direct TARRY and hold.

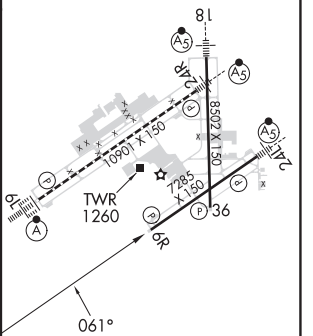
ATIS	COLUMBUS APP CON	DAYTON TOWER	GND CON	CLNC DEL
125.8	134.45 323.15	119.9 257.7	121.9	121.75





CATEGORY	A	B	C	D
LPV DA	1259-¾ 250 (300-¾)			
LNAV/VNAV DA	1496-1¾ 487 (500-1¾)			
LNAV MDA	1520-1 511 (600-1)		1520-1½ 511 (600-1½)	1520-1¾ 511 (600-1¾)
C CIRCLING	1580-1 571 (600-1)		1580-1½ 571 (600-1½)	1640-2 631 (700-2)

ELEV 1009 | D | TDZE 1009



HIRL all Rwys
TDZ/CL Rwy 6L
REIL Rwys 6R and 36

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EC-2, 12 JUN 2025 to 07 AUG 2025

RNAV (GPS) RWY 18

JAMES M COX DAYTON INTL (DAY)

WAAS	APP CRS	Rwy Ldg	8502
CH 86914	185°	TDZE	996
W18A		Apt Elev	1009

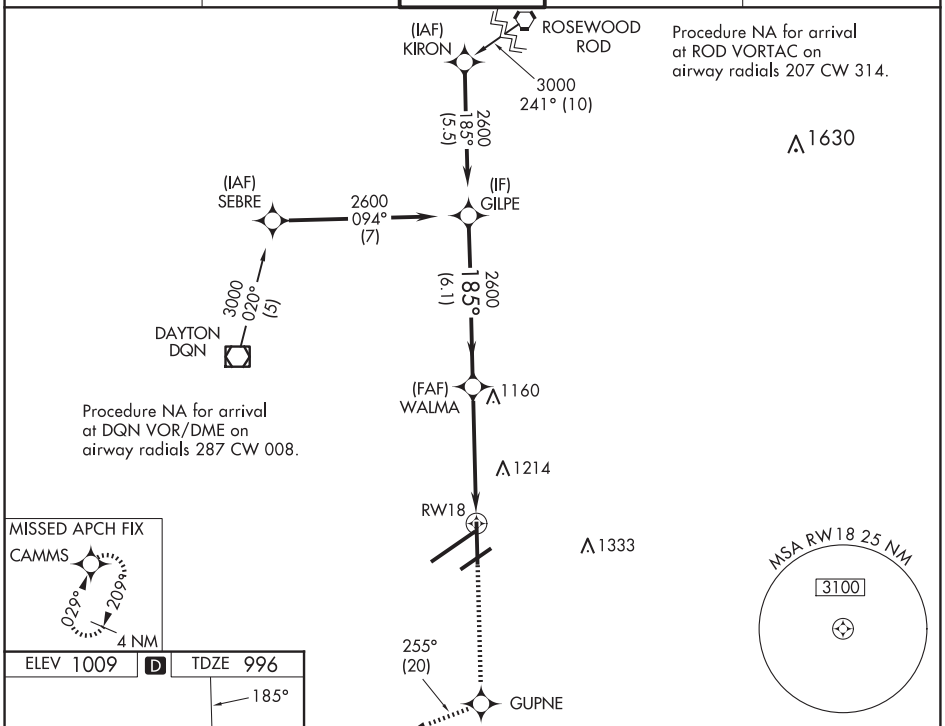
RNP APCH.

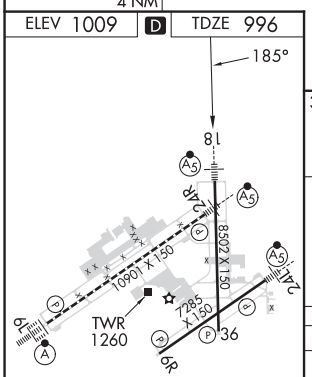
For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -20°C or above 54°C. For inop ALS, increase LNAV/VNAV all Cats visibility to RVR 4500. ** RVR 1800 authorized with use of FD or AP or HUD to DA.

MALSR

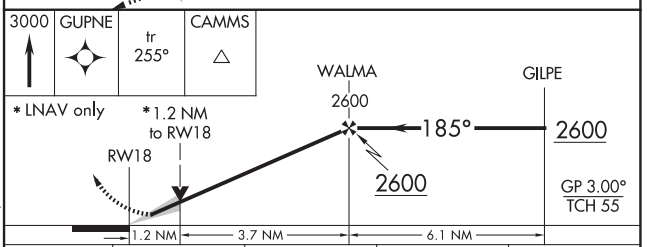
MISSED APPROACH: Climb to 3000 direct GUPNE and track 255° to CAMMS and hold.

ATIS	COLUMBUS APP CON	DAYTON TOWER	GND CON	CLNC DEL
125.8	134.45 323.15	119.9 257.7	121.9	121.75





HIRL all Rwys
TDZ/CL Rwy 6L
REIL Rwys 6R and 36



CATEGORY	A	B	C	D
LPV DA **	1196/24 200 (200-½)			
LNAV/VNAV DA	1274/24 278 (300-½)			
LNAV MDA	1420/24 424 (500-½)		1420/40 424 (500-¾)	
C CIRCLING	1580-1 571 (600-1)		1580-1½ 571 (600-1½)	1640-2 631 (700-2)

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

WAAS	APP CRS	Rwy Idg	7001
CH 50414	241°	TDZE	1007
W24A		Apt Elev	1009

RNAV (GPS) RWY 24L

JAMES M COX DAYTON INTL (DAY)

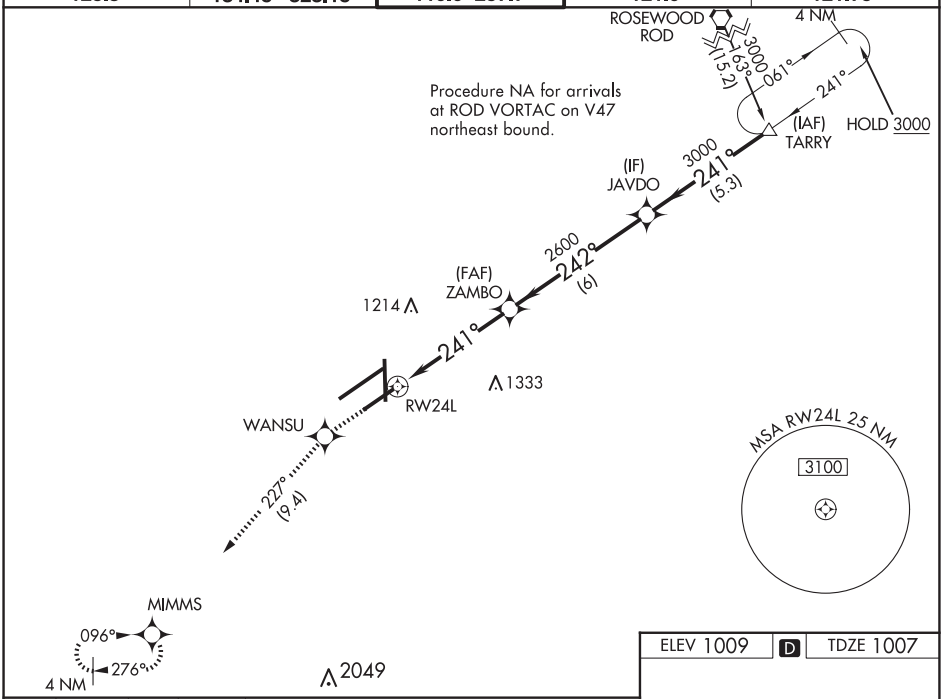
RNP APCH.

T Simultaneous approach authorized. LNAV procedure NA during simultaneous operations. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -19°C or above 54°C. Use of FD or AP required during simultaneous operations. For inop ALS, increase LNAV/VNAV all Cats RVR to 4500. **RVR 1800 authorized with use of FD or AP or HUD to DA.

MALSR

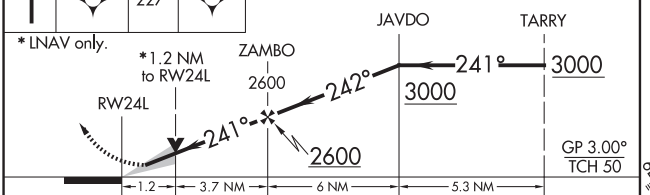
MISSED APPROACH: Climb to 3000 direct WANSU and on track 227° to MIMMS and hold.

ATIS	COLUMBUS APP CON	DAYTON TOWER	GND CON	CLNC DEL
125.8	134.45 323.15	119.9 257.7	121.9	121.75



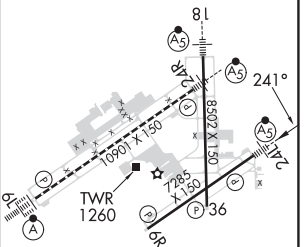
3000	WANSU	tr 227°	MIMMS

VGSI and RNAV glidepath not coincident (VGSI Angle 3.00/TCH 54).



CATEGORY	A	B	C	D
LPV DA**	1207/24 200 (200-½)			
LNAV/VNAV DA	1327/24 320 (400-½)			
LNAV MDA	1440/24 433 (500-½)		1440/40 433 (500-¾)	
C CIRCLING	1580-1 571 (600-1)		1580-1½ 571 (600-1½)	1640-2 631 (700-2)

ELEV 1009 D TDZE 1007



HIRL all Rwys
TDZ/CL Rwy 6L
REIL Rwys 6R and 36

39°54'N-84°13'W

EC-2, 12 JUN 2025 to 07 AUG 2025

EC-2, 12 JUN 2025 to 07 AUG 2025

RNAV (GPS) RWY 36

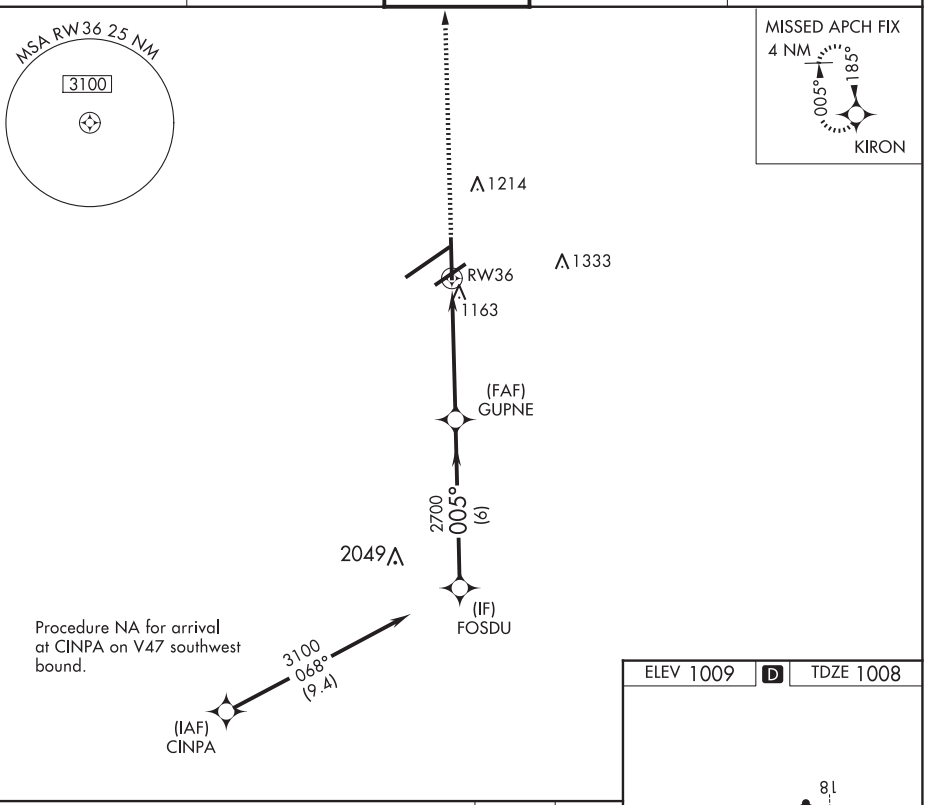
JAMES M COX DAYTON INTL (DAY)

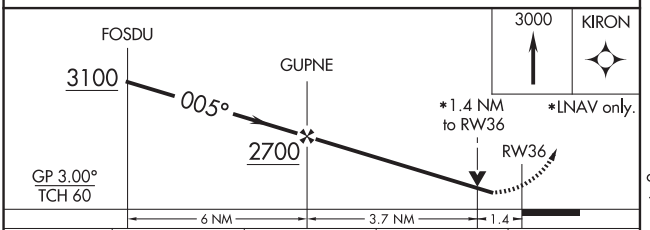
APP CRS	Rwy Ldg	8502
005°	TDZE	1008
	Apt Elev	1009

T For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -19°C (-2°F) or above 54°C (130°F). DME/DME RNP-0.3 NA. Rwy 36 helicopter visibility reduction below ¾ SM NA.

MISSED APPROACH: Climb to 3000 direct to KIRON and hold.

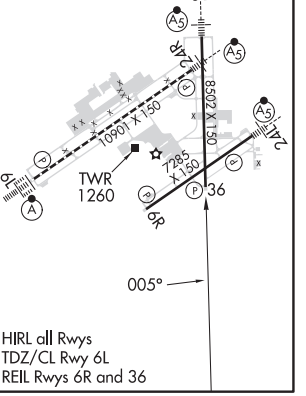
ATIS	COLUMBUS APP CON	DAYTON TOWER	GND CON	CLNC DEL
125.8	134.45 323.15	119.9 257.7	121.9	121.75





CATEGORY	A	B	C	D
LNAV/VNAV DA	1449-1½ 441 (500-1½)			
LNAV MDA	1500-1 492 (500-1)		1500-1¼ 492 (500-1¼)	1500-1½ 492 (500-1½)
C CIRCLING	1580-1 571 (600-1)		1580-1½ 571 (600-1½)	1640-2 631 (700-2)

ELEV 1009 D TDZE 1008



HIRL all Rwys
TDZ/CL Rwy 6L
REIL Rwys 6R and 36

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

DAYTON, OHIO

AL-107 (FAA)

25107

RNAV (GPS) Z RWY 6L

JAMES M COX DAYTON INTL (DAY)

WAAS	APP CRS	Rwy Idg	10900
CH 42913	061°	TDZE	998
W06A		Apt Elev	1009

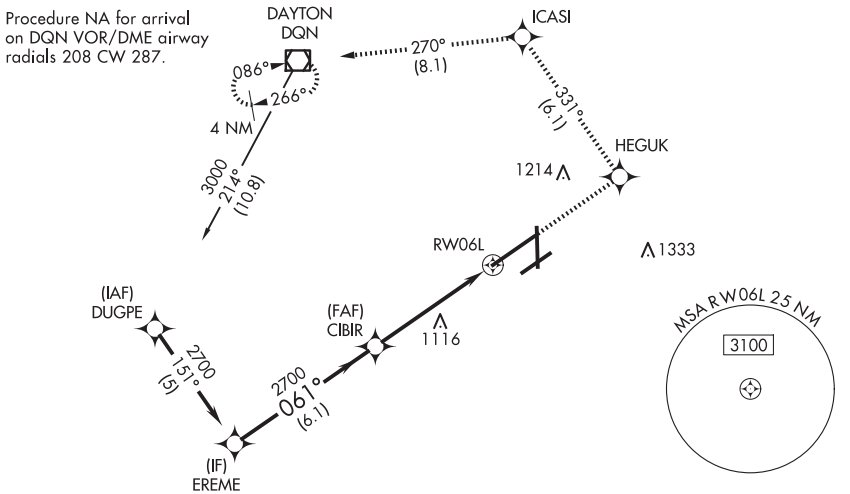
RNP APCH.

T Simultaneous approach authorized. LNAV procedure NA during simultaneous operations. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -19°C or above 54°C. Use of FD or AP required during simultaneous operations. For inop ALS, increase LNAV/VNAV all Cats visibility to RVR 5500 and LNAV Cats C/D to 1¼ SM.

ALSF-2

MISSED APPROACH: Climb to 3000 direct HEGUK and on track 331° to ICASI and on track 270° to DQN VOR/DME and hold.

ATIS	COLUMBUS APP CON	DAYTON TOWER	GND CON	CLNC DEL
125.8	134.45 323.15	119.9 257.7	121.9	121.75

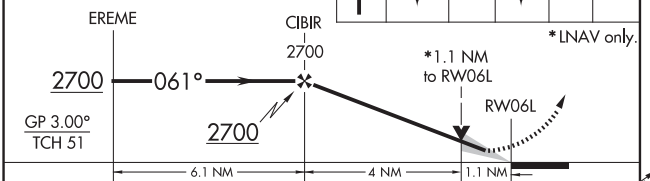


2049

VGSI and RNAV glidepath not coincident (VGSI Angle 3.00/TCH 67).

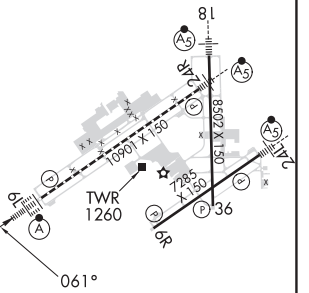
3000	HEGUK	tr 331°	ICASI	tr 270°	DQN

*LNAV only.



CATEGORY	A	B	C	D
LPV DA	1198/18 200 (200-½)			
LNAV/VNAV DA	1366/40 368 (400-¾)			
LNAV MDA	1420/24 422 (500-½)		1420/40 422 (500-¾)	1420/50 422 (500-1)
C CIRCLING	1580-1 571 (600-1)		1580-1½ 571 (600-1½)	1640-2 631 (700-2)

ELEV 1009 D TDZE 998



HIRL all Rwys
TDZ/CL Rwy 6L
REIL Rwys 6R and 36

DAYTON, OHIO
Amdt 1E 03JAN19

39°54'N-84°13W

JAMES M COX DAYTON INTL (DAY)

RNAV (GPS) Z RWY 6L

EC-2, 12 JUN 2025 to 07 AUG 2025

EC-2, 12 JUN 2025 to 07 AUG 2025

WAAS CH 66013 W24B	APP CRS 241°	Rwy Idg 10900 TDZE 997 Apt Elev 1009

RNAV (GPS) Z RWY 24R

JAMES M COX DAYTON INTL (DAY)

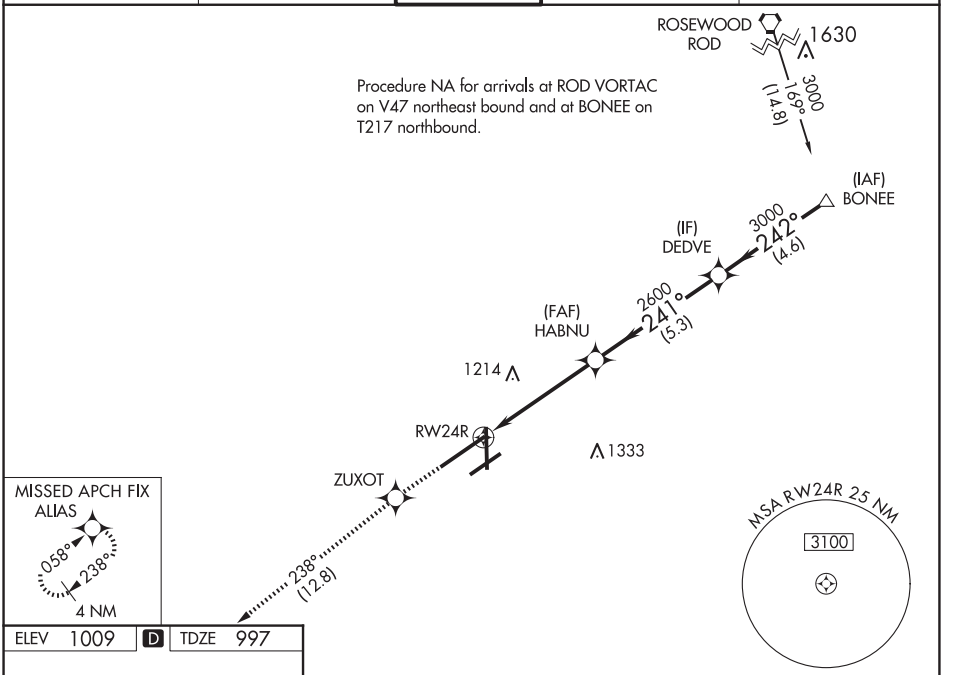
RNP APCH.

For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -19°C or above 54°C. Simultaneous approach authorized. LNAV procedure NA during simultaneous operations. Use of FD or AP required during simultaneous operations. For inop ALS, increase LNAV/VNAV all Cats visibility to RVR 4500.

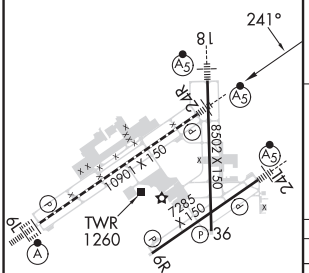
MALSR

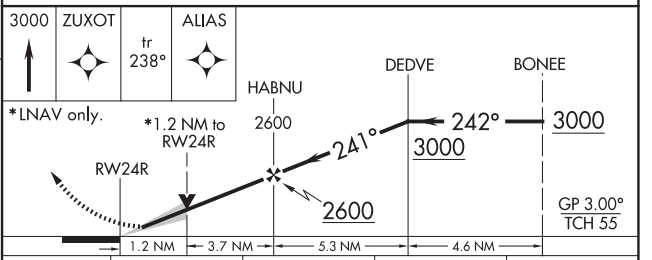
MISSED APPROACH: Climb to 3000 direct ZUXOT and on track 238° to ALIAS and hold.

ATIS	COLUMBUS APP CON	DAYTON TOWER	GND CON	CLNC DEL
125.8	134.45 323.15	119.9 257.7	121.9	121.75



ELEV 1009 D TDZE 997





CATEGORY	A	B	C	D
LPV DA	1203/24	206 (200-½)		
LNAV/VNAV DA	1294/24	297 (300-½)		
LNAV MDA	1440/24	443 (500-½)	1440/45	443 (500-⅞)
C CIRCLING	1580-1	571 (600-1)	1580-1½ 571 (600-1½)	1640-2 631 (700-2)

HIRL all Rwys
TDZ/CL Rwy 6L
REIL Rwys 6R and 36

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

25107

AIRPORT DIAGRAM

AL-107 (FAA)

JAMES M COX DAYTON INTL (DAY)

DAYTON, OHIO

AIRPORT DIAGRAM

25107

DAYTON, OHIO

JAMES M COX DAYTON INTL (DAY)

EC-2, 12 JUN 2025 to 07 AUG 2025

DAYTON EIGHT DEPARTURE

EC-2, 12 JUN 2025 to 07 AUG 2025

DAYTON EIGHT DEPARTURE
(DAY8.DAY) 16MAY24
DAYTON, OHIO
JAMES M COX DAYTON INTL (DAY)

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAYS 6L/R: Climb on heading 061°, thence....
TAKEOFF RUNWAY 18: Climb on heading 185°, thence....
TAKEOFF RUNWAYS 24L/R: Climb on heading 241°, thence....
TAKEOFF RUNWAY 36: Climb on heading 005°, thence....

....or assigned RADAR vectors to join assigned route/fix. All aircraft maintain 5000 or filed altitude if lower. Expect clearance to requested altitude/flight level 10 minutes after departure. Appropriate departure control frequency will be assigned by ATC. Aircraft filed over APE VORTAC, expect vectors to intercept APE R-260.

APP CRS	Rwy Idg	N/A
264°	TDZE	N/A
	Apt Elev	720

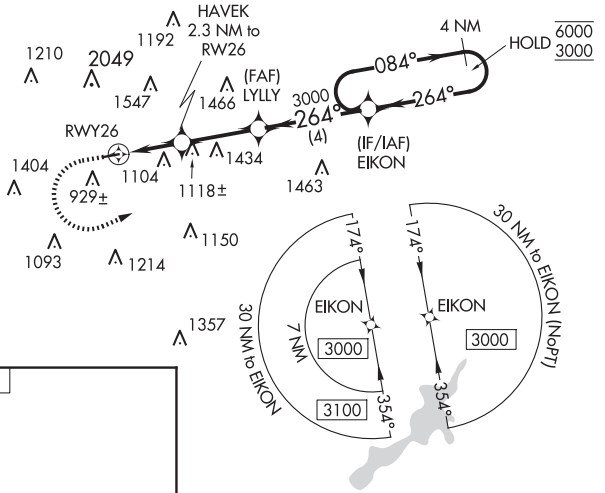
RNAV (GPS)-A
MORAINE AIR PARK (I73)

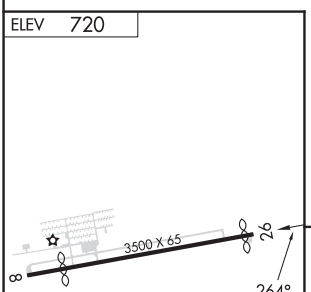
RNP APCH - GPS.

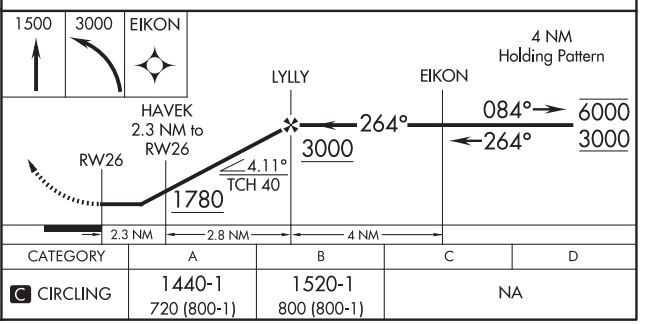
T
A NA — Procedure NA at night.
Rwy 8 and 26 helicopter visibility reduction below 1 SM NA.
Use Dayton-Wright Brothers altimeter setting.

MISSED APPROACH: Climb to 1500 then climbing left turn to 3000 direct EIKON and hold.

MGY ASOS	COLUMBUS APP CON	UNICOM
118.375	118.85 269.275	122.7 (CTAF)







CATEGORY	A	B	C	D
C CIRCLING	1440-1 720 (800-1)	1520-1 800 (800-1)	NA	

MIRL Rwy 8-26

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

DEFIANCE, OHIO

AL-5076 (FAA)

25163

RNAV (GPS) RWY 12

DEFIANCE MEML (DFI)

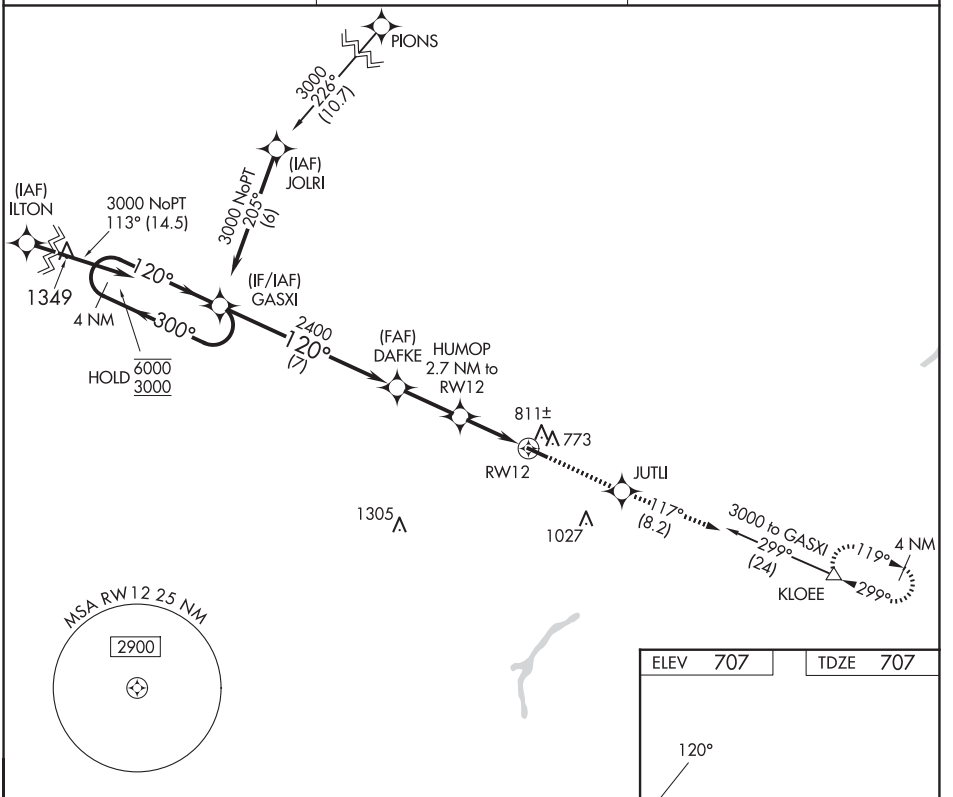
APP CRS	Rwy Ldg	4199
120°	TDZE	707
	Apt Elev	707

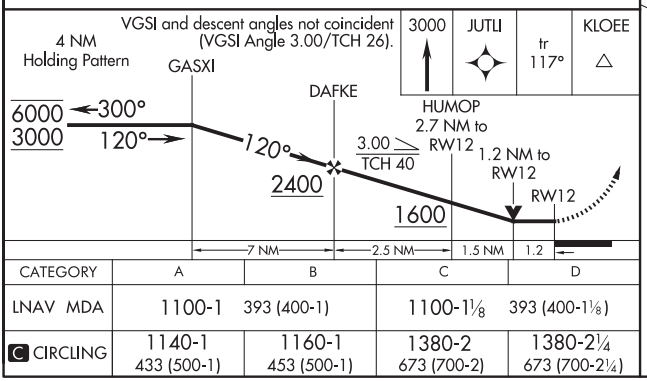
RNP APCH.

Circling Rwy 30 NA at night. Rwy 12 helicopter visibility reduction below ¾ SM NA.

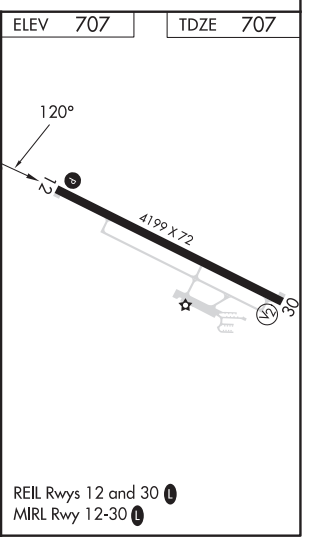
MISSED APPROACH: Climb to 3000 direct JUTLI and on track 117° to KLOEE and hold.

ASOS	TOLEDO APP CON	UNICOM
121.425	134.35 307.0	122.7 (CTAF) L





CATEGORY	A	B	C	D
LNAV MDA	1100-1	393 (400-1)	1100-1⅛	393 (400-1⅛)
C CIRCLING	1140-1 433 (500-1)	1160-1 453 (500-1)	1380-2 673 (700-2)	1380-2¼ 673 (700-2¼)



REIL Rwys 12 and 30 L

MIRL Rwy 12-30 L

EC-2, 12 JUN 2025 to 07 AUG 2025

EC-2, 12 JUN 2025 to 07 AUG 2025

RNAV (GPS) RWY 10

DELAWARE MUNI/JIM MOORE FLD (DLZ)

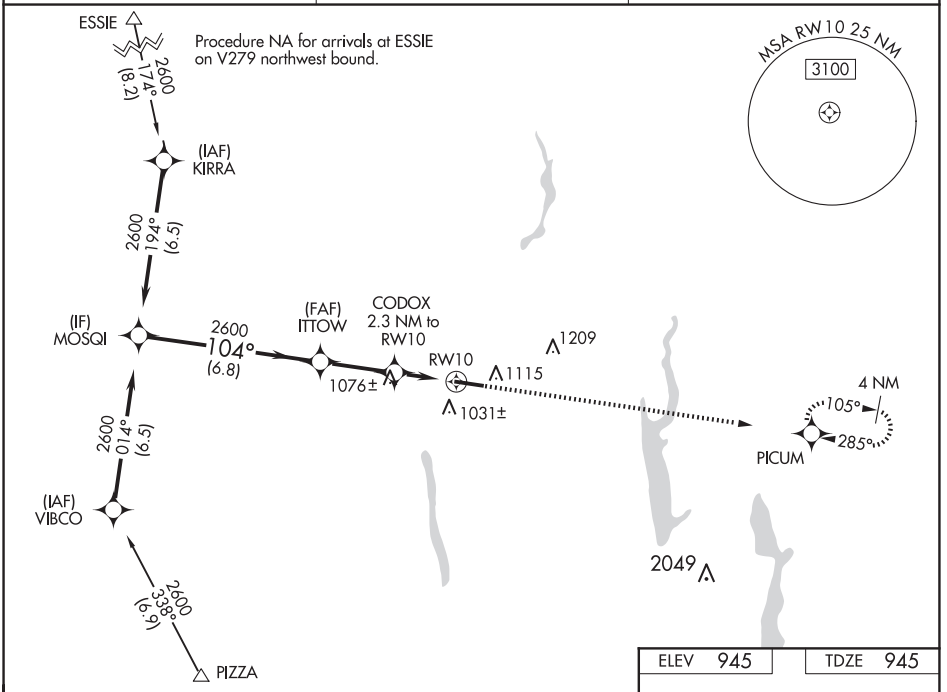
WAAS	APP CRS	Rwy Idg	5800
CH 90506	104°	TDZE	945
W10A		Apt Elev	945

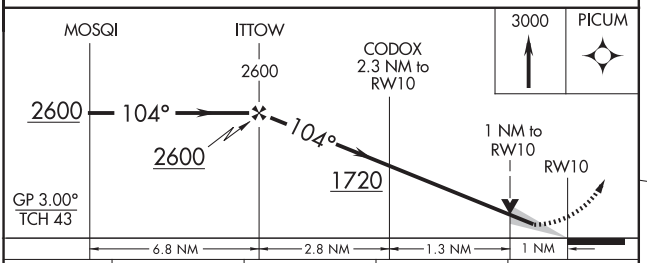
RNP APCH - GPS.

For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -16°C or above 54°C.

MISSED APPROACH: Climb to 3000 direct PICUM and hold.

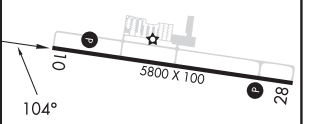
AWOS-3	COLUMBUS APP CON	UNICOM
119.025	125.95 317.775	122.7 (CTAF) L





CATEGORY	A	B	C	D
LPV DA		1195-⅞	250 (300-⅞)	
LNAV/VNAV DA		1231-1	286 (300-1)	
LNAV MDA		1340-1	395 (400-1)	
C CIRCLING	1420-1 475 (500-1)		1560-1¾ 615 (700-1¾)	1560-2 615 (700-2)

ELEV 945 | TDZE 945



REIL Rwys 10 and 28 L
MIRL Rwy 10-28 L

EC-2, 12 JUN 2025 to 07 AUG 2025

EC-2, 12 JUN 2025 to 07 AUG 2025

DELAWARE, OHIO | AL-6258 (FAA) | 23278

RNAV (GPS) RWY 28

DELAWARE MUNI/JIM MOORE FLD (DLZ)

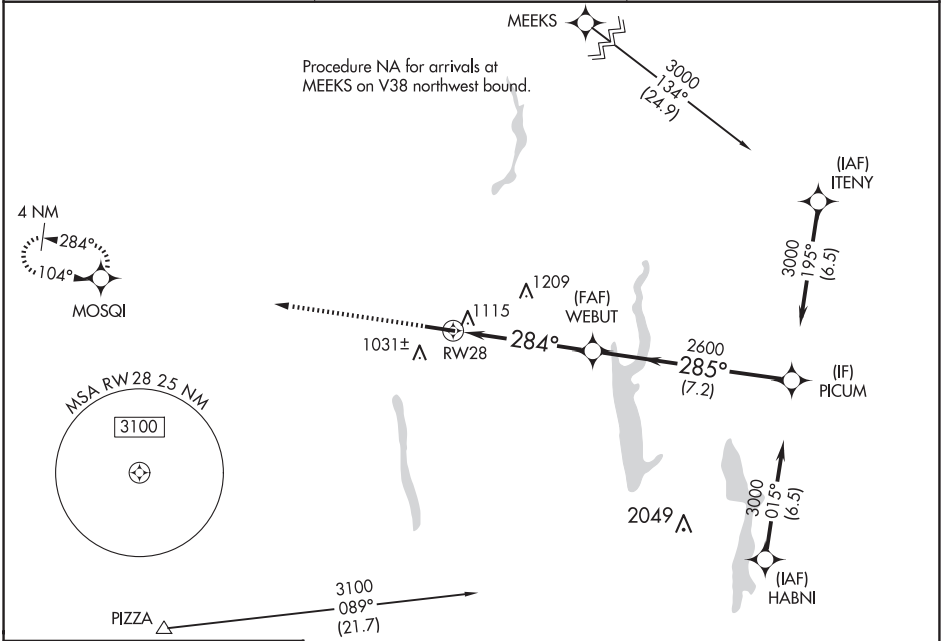
WAAS CH 50506 W28A	APP CRS 284°	Rwy Idg 5800 TDZE 945 Apt Elev 945

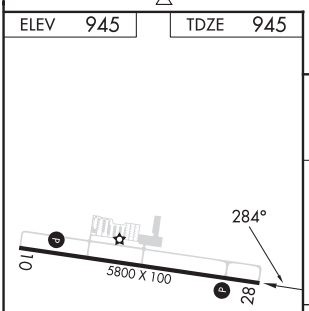
RNP APCH.

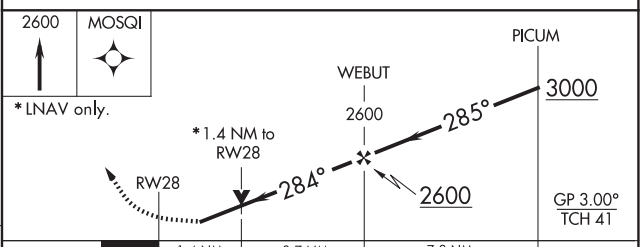
For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -16°C or above 54°C. Rwy 28 helicopter visibility reduction below ¾ SM NA.

MISSED APPROACH: Climb to 2600 direct MOSQI and hold.

AWOS-3	COLUMBUS APP CON	UNICOM
119.025	125.95 317.775	122.7 (CTAF) L







CATEGORY	A	B	C	D
LPV DA	1195-⅞ 250 (300-⅞)			
LNAV/VNAV DA	1406-1¾ 461 (500-1¾)			
LNAV MDA	1420-1 475 (500-1)		1420-1⅜ 475 (500-1⅜)	
C CIRCLING	1420-1 475 (500-1)		1560-1¾ 615 (700-1¾)	1560-2 615 (700-2)

REIL Rwys 10 and 28 L
MIRL Rwy 10-28 L

DELAWARE, OHIO
Amdt 1A 13SEP18

40°17′N-83°07′W

DELAWARE MUNI/JIM MOORE FLD (DLZ)

RNAV (GPS) RWY 28

EC-2, 12 JUN 2025 to 07 AUG 2025

EC-2, 12 JUN 2025 to 07 AUG 2025

VOR RWY 28

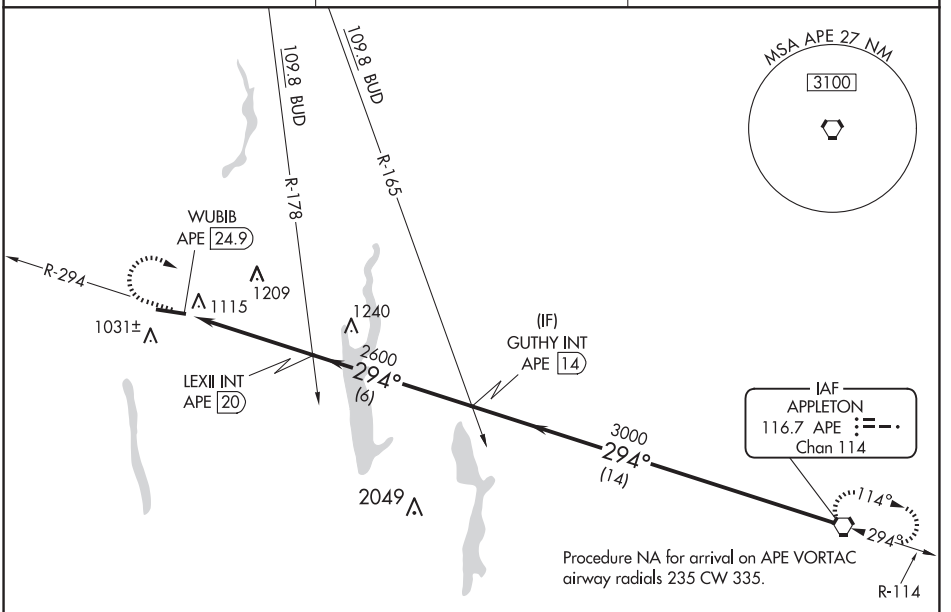
DELAWARE MUNI/JIM MOORE FLD (DLZ)

VORTAC APE	APP CRS	Rwy Idg	5800
116.7	294°	TDZE	945
Chan 114		Apt Elev	945

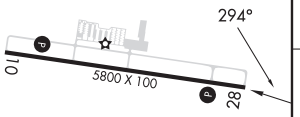
Rwy 28 helicopter visibility reduction below ¾ SM NA.

MISSED APPROACH: Climb to 3100 then right turn direct APE VORTAC and hold.

AWOS-3	COLUMBUS APP CON	UNICOM
119.025	125.95 317.775	122.7 (CTAF) L



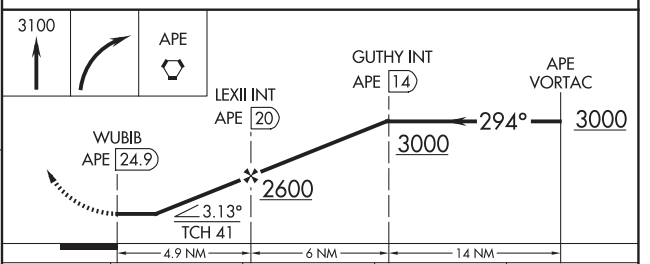
ELEV 945	TDZE 945



REIL Rwys 10 and 28 L
MIRL Rwy 10-28 L

FAF to MAP 4.9 NM

Knots	60	90	120	150	180
Min:Sec	4:52	3:14	2:26	1:57	1:37



CATEGORY	A	B	C	D
S-28	1520-1	575 (600-1)	1520-1⅝	575 (600-1⅝)
C CIRCLING	1520-1	575 (600-1)	1560-1¾ 615 (700-1¾)	1560-2 615 (700-2)

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

DELPHI, INDIANA | AL-11632 (FAA) | 23166

RNAV (GPS) RWY 18

DELPHI MUNI (1I9)

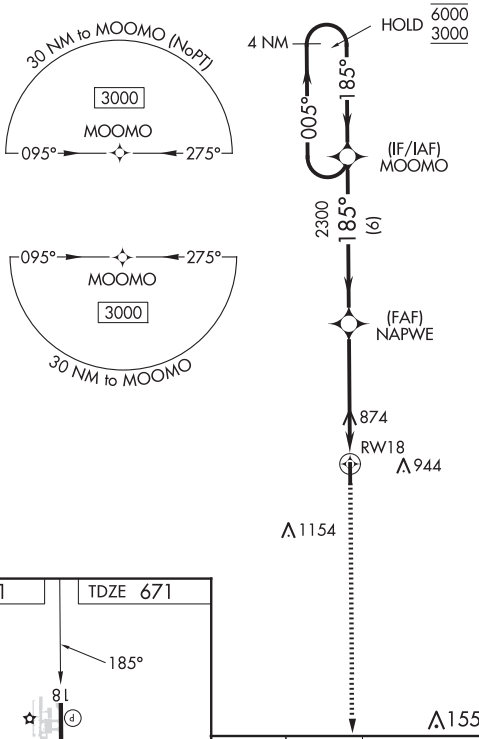
APP CRS	Rwy Idg	4001
185°	TDZE	671
	Apt Elev	671

RNP APCH - GPS.

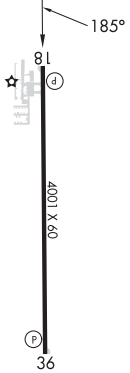
T NA Rwy 18 helicopter visibility reduction below 1 SM NA. Use Monticello altimeter setting. Procedure NA at night.

MISSED APPROACH: Climb to 3000 direct OCUPA and hold.

MCX AWOS-3P	GRISSOM APP CON★	CTAF
124.05	121.05 338.275	122.9 L



ELEV 671 | TDZE 671

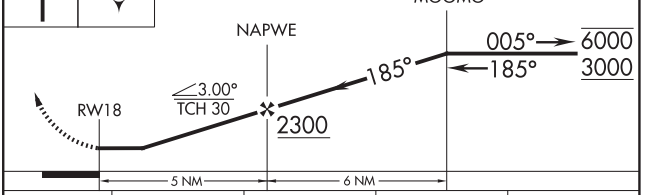


MISSED APCH FIX

3000 | OCUPA

VGSI and descent angles not coincident (VGSI Angle 3.00/TCH 26).

4 NM Holding Pattern



CATEGORY	A	B	C	D
LNAV MDA	1160-1 489 (500-1)		NA	
CIRCLING	1160-1 489 (500-1)	1220-1 549 (600-1)	NA	

MIRL Rwy 18-36 L
REIL Rwys 18 and 36 L

DELPHI, INDIANA
Orig 15JUN23

40°32′N-86°41′W

DELPHI MUNI (1I9)

RNAV (GPS) RWY 18

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

RNAV (GPS) RWY 36

DELPHI MUNI (1I9)

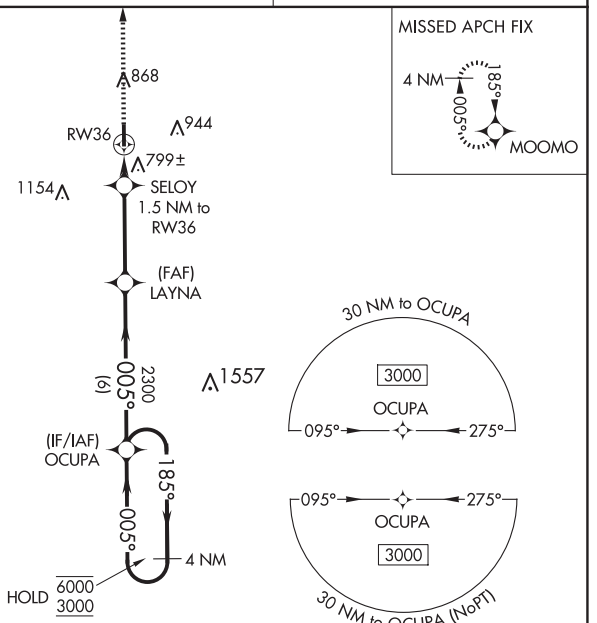
WAAS CH 70744 W36A	APP CRS 005°	Rwy Idg 4001 TDZE 671 Apt Elev 671

RNP APCH - GPS.

T A NA When Circling to Rwy 18 at night, operational VGSI required, remain on or above VGSI glidepath until threshold. Rwy 36 helicopter visibility reduction below ¾ SM NA. Baro-VNAV NA. Use Monticello altimeter setting.

MISSED APPROACH: Climb to 3000 direct MOOMO and hold.

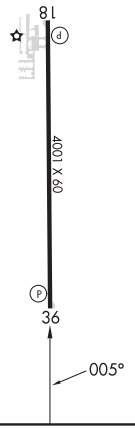
MCX AWOS-3P	GRISSOM APP CON★	CTAF
124.05	121.05 338.275	122.9 L

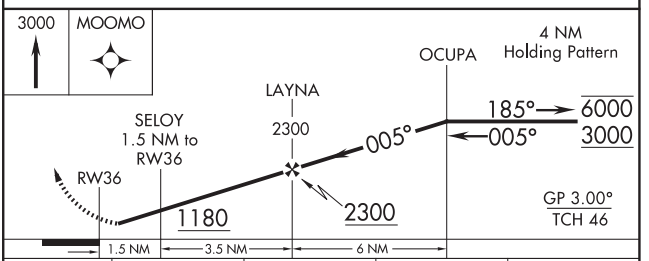


ELEV 671 TDZ 671

MIRL Rwy 18-36 L

REIL Rwys 18 and 36 L





CATEGORY	A	B	C	D
LPV DA	948-1	277 (300-1)	NA	
LNAV/VNAV DA	1089-1⅛	418 (500-1⅛)	NA	
LNAV MDA	1080-1	409 (500-1)	NA	
CIRCLING	1140-1 469 (500-1)	1220-1 549 (600-1)	NA	

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

EAST LIVERPOOL, OHIO | AL-6235 (FAA) | 24361

RNAV (GPS) RWY 25

COLUMBIANA COUNTY (Ø2G)

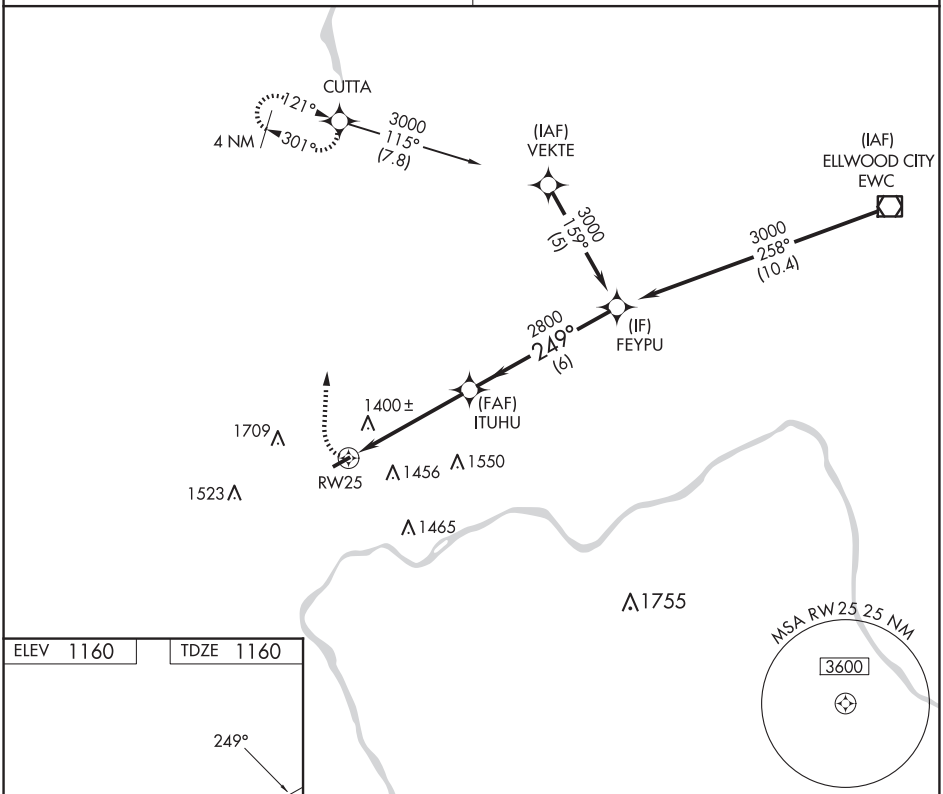
APP CRS	Rwy Idg	3503
249°	TDZE	1160
	Apt Elev	1160

NA

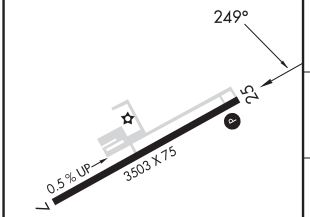
DME/DME RNP-0.3 NA. Use Pittsburgh Intl altimeter setting, when not received use Wheeling, WV altimeter setting and increase all MDA 20 feet; increase LNAV Cat C visibility ¼ SM, and Circling Cat A visibility ¼ SM. Rwy 25 helicopter visibility reduction below ¾ SM NA.

MISSED APPROACH: Climbing right turn to 3000 direct CUTTA and hold.

PITTSBURGH APP CON	UNICOM
124.75 338.2	123.0 (CTAF) L



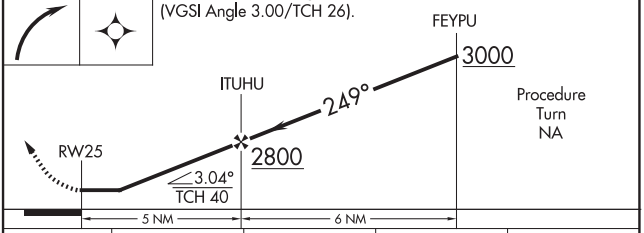
ELEV 1160 | TDZE 1160



REIL Rwy 7-25 L
MIRL Rwy 7-25 L

3000 | CUTTA

VGSI and descent angles not coincident (VGSI Angle 3.00/TCH 26).



CATEGORY	A	B	C	D
LNAV MDA	1760-1	600 (600-1)	1760-1½ 600 (600-1½)	NA
CIRCLING	1960-1 800 (800-1)	1960-1¼ 800 (800-1¼)	2080-2¾ 920 (1000-2¾)	NA

EAST LIVERPOOL, OHIO
Orig-A 17JUN21

40°40′N-80°38′W

COLUMBIANA COUNTY (Ø2G)

RNAV (GPS) RWY 25

EC-2, 12 JUN 2025 to 07 AUG 2025

EC-2, 12 JUN 2025 to 07 AUG 2025

ILS or LOC RWY 27

ELKHART MUNI (EKM)

LOC I-OUP	APP CRS	Rwy Ldg	6500
111.5	274°	TDZE	778
		Apt Elev	778

RNP APCH - GPS.

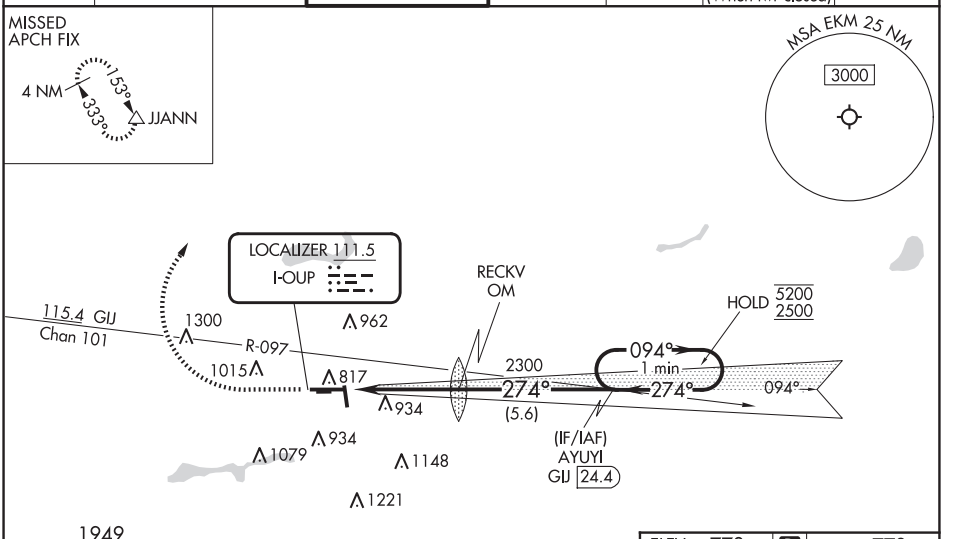
RADAR required for procedure entry.

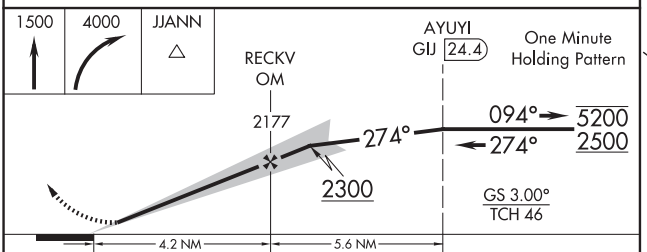
Circling NA to Rwys 8 and 26. Rwy 27 helicopter visibility reduction below RVR 4000 NA. Circling Rwy 18 and 36 NA at night. When local altimeter setting not received, use SBN altimeter setting and increase S-ILS 27 DA to 1100 feet, increase all MDAs 40 feet, and S-LOC 27 visibility Cat C/D to RVR 5500, and Circling visibility Cat D ¼ SM. For inop ALS, increase S-ILS 27 all Cats visibility to RVR 4500 and S-LOC 27 Cat A/B visibility to 5500 and Cat C/D visibility to 1⅜ SM. For inop ALS when using SBN, increase S-LOC 27 Cat A/B visibility to RVR 5500, and Cat C/D visibility to 1⅜ SM.

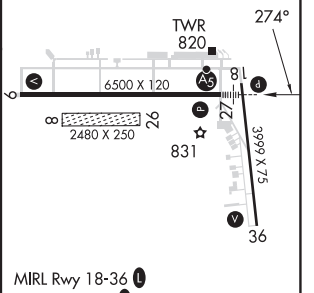
MALSR

MISSED APPROACH: Climb to 1500 then climbing right turn to 4000 direct JJANN and hold.

AWOS-3	SOUTH BEND APP CON ★		ELKHART TOWER ★	GND CON	CLNC DEL	CLNC DEL	UNICOM
124.475	118.55	257.8	119.5 (CTAF) L	121.8	121.8	119.7 (When twr closed)	122.95







MIRL Rwy 18-36 L
HIRL Rwy 9-27 L
REIL Rwys 9, 18 and 36 L

CATEGORY	A	B	C	D
S-ILS 27		1066/40	288 (300-¾)	
S-LOC 27	1240/40	462 (500-¾)	1240/50	462 (500-1)
C CIRCLING	1240-1 462 (500-1)	1300-1 522 (600-1)	1380-1¾ 602 (700-1¾)	1580-2½ 802 (900-2½)

FAF to MAP 4.2 NM					
Knots	60	90	120	150	180
Min:Sec	4:12	2:48	2:06	1:41	1:24

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

ELKHART, INDIANA

AL-5287 (FAA)

25163

RNAV (GPS) RWY 9

ELKHART MUNI (EKM)

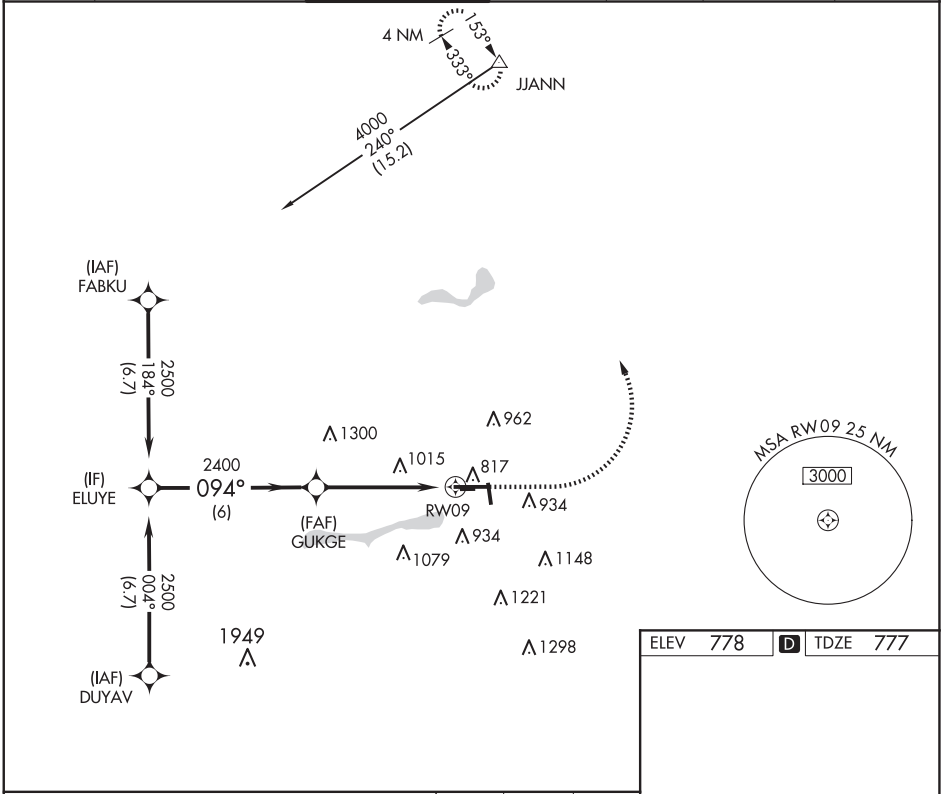
APP CRS	Rwy Ldg	6500
094°	TDZE	777
	Apt Elev	778

RNP APCH - GPS.

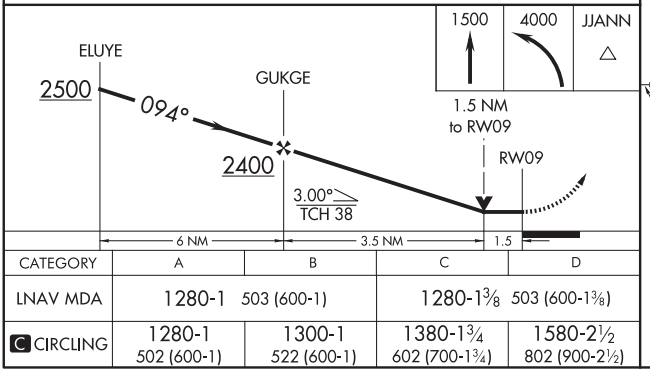
Circling NA to Rwys 8 and 26. Circling Rwy 36 NA at night. Rwy 9 helicopter visibility reduction below ¾ SM NA. VDP NA when using SBN altimeter setting. When local altimeter setting not received, use SBN altimeter setting: increase all MDAs 40 feet and LNAV visibility Cat C/D ¼ SM, and Circling visibility Cat D ¼ SM.

MISSED APPROACH: Climb to 1500 then climbing left turn to 4000 direct JJANN and hold.

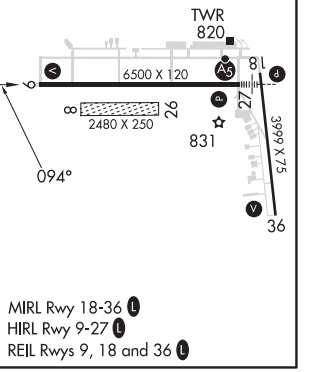
AWOS-3	SOUTH BEND APP CON ★		ELKHART TOWER ★	GND CON	CLNC DEL	CLNC DEL	UNICOM
124.475	118.55	257.8	119.5 (CTAF) L	121.8	121.8	119.7 (When twr closed)	122.95



ELEV	778	D	TDZE	777



CATEGORY	A	B	C	D
LNAV MDA	1280-1 503 (600-1)		1280-1⅜ 503 (600-1⅜)	
C CIRCLING	1280-1 502 (600-1)	1300-1 522 (600-1)	1380-1¾ 602 (700-1¾)	1580-2½ 802 (900-2½)



MIRL Rwy 18-36 L
HIRL Rwy 9-27 L
REIL Rwys 9, 18 and 36 L

ELKHART, INDIANA
Amdt 1 12JUN25

41°43'N-86°00'W

ELKHART MUNI (EKM)

RNAV (GPS) RWY 9

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

RNAV (GPS) RWY 18

ELKHART MUNI (EKM)

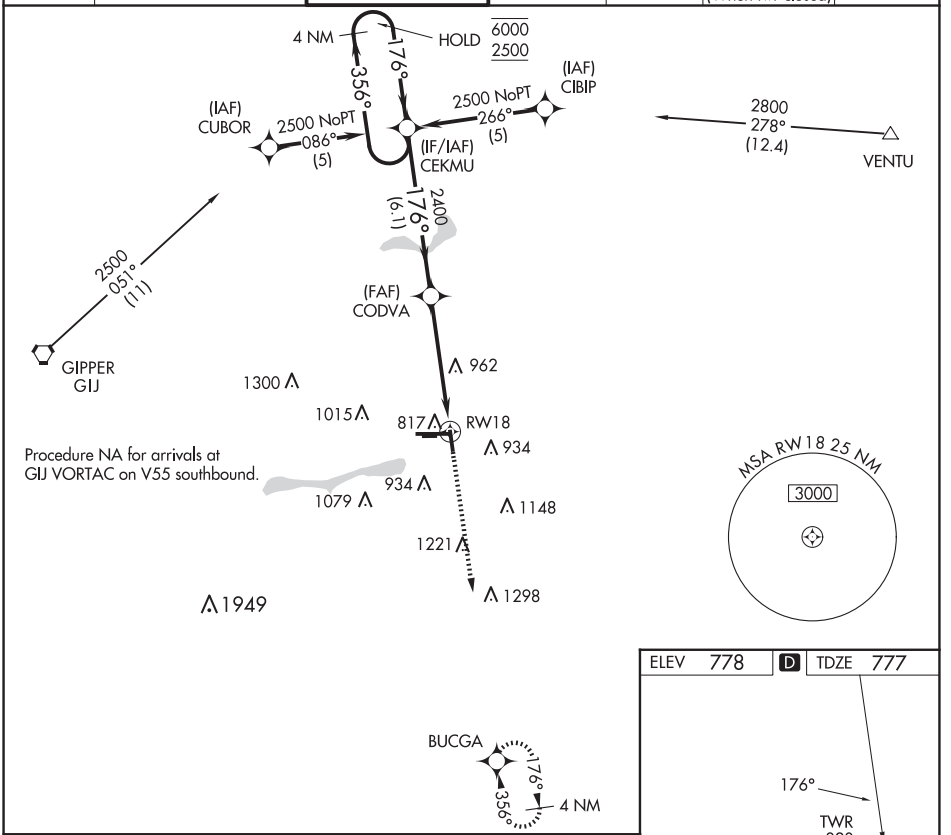
APP CRS	Rwy Idg	3999
176°	TDZE	777
	Apt Elev	778

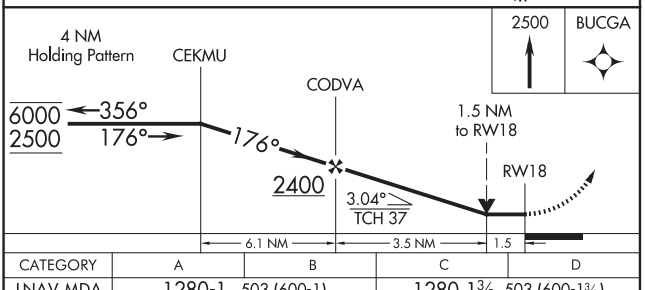
RNP APCH - GPS.

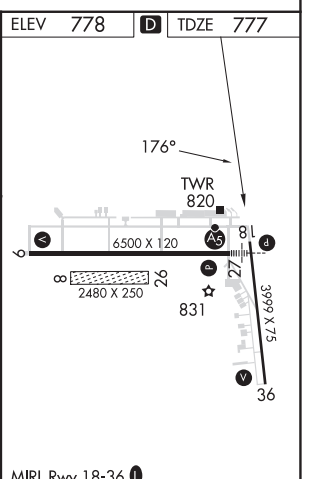
Circling NA to Rwys 8 and 26. Circling to Rwy 36 NA at night. Rwy 18 helicopter visibility reduction below ¾ SM NA. VDP NA with South Bend altimeter setting. When local altimeter setting not received, use South Bend altimeter setting and increase all MDAs 40 feet.

MISSED APPROACH: Climb to 2500 direct BUCGA and hold.

AWOS-3	SOUTH BEND APP CON ★		ELKHART TOWER ★	GND CON	CLNC DEL	CLNC DEL	UNICOM
124.475	118.55	257.8	119.5 (CTAF) L	121.8	121.8	119.7 (When twr closed)	122.95







CATEGORY	A	B	C	D
LNAV MDA	1280-1	503 (600-1)	1280-1⅜	503 (600-1⅜)
C CIRCLING	1280-1 502 (600-1)	1300-1 522 (600-1)	1380-1¾ 602 (700-1¾)	1580-2½ 802 (900-2½)

MIRL Rwy 18-36 L
HIRL Rwy 9-27 L
REIL Rwys 9, 18 and 36 L

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

ELKHART, INDIANA

AL-5287 (FAA)

25163

RNAV (GPS) RWY 27

ELKHART MUNI (EKM)

WAAS CH 50107 W27A	APP CRS 274°	Rwy Ldg 6500 TDZE 778 Apt Elev 778

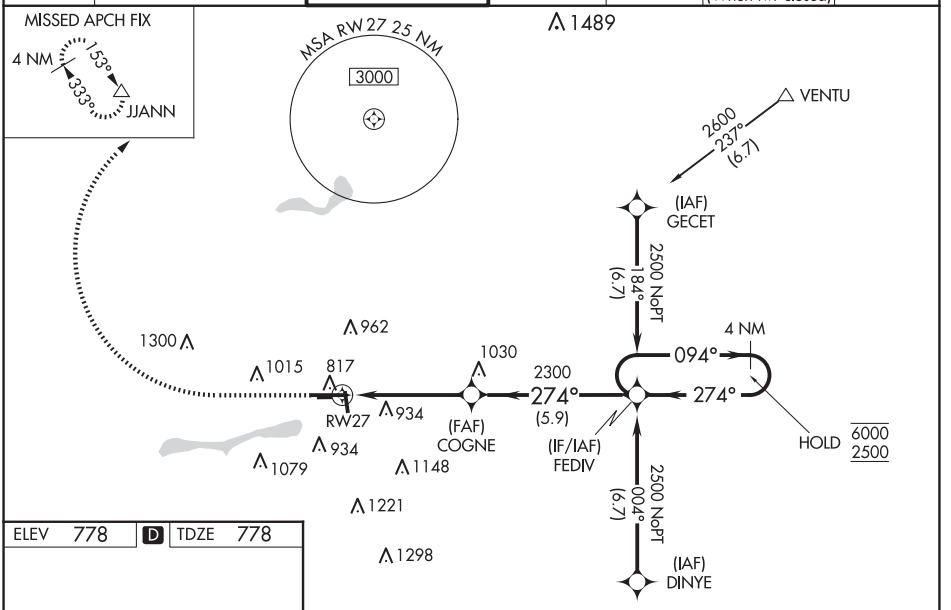
RNP APCH - GPS.

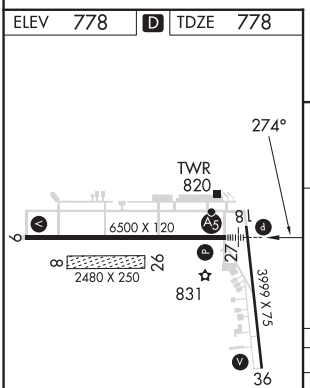
Baro-VNAV and VDP NA when using SBN altimeter setting. Circling NA to Rwys 8 and 26. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -16°C or above 54°C. Rwy 27 helicopter visibility reduction below RVR 4000 NA. Circling Rwy 36 NA at night. When local altimeter setting not received, use SBN altimeter setting: increase LPV DA to 1105 feet; increase LNAV/VNAV DA to 1255 feet and all visibilities to RVR 5000; increase all MDA 40 feet and LNAV visibility Cat C/D to RVR 5500 and Circling Cat D visibility ¼ SM. For inop ALS, increase LPV all Cats visibility to RVR 4500, LNAV Cat A/B visibility RVR 5500 and Cat C/D to 1⅜ SM. For inop ALS when using SBN altimeter setting, increase LNAV/VNAV all Cats visibility to 1⅜ SM and LNAV Cat A/B to RVR 5500.

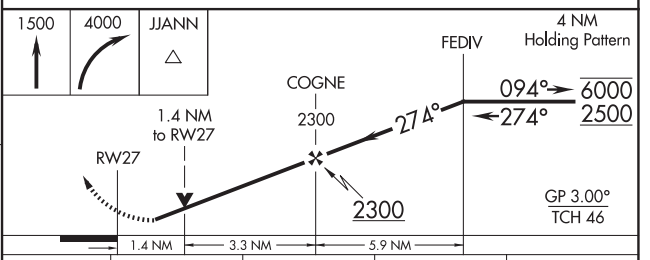
MALSR

MISSED APPROACH: Climb to 1500 then climbing right turn to 4000 to JJANN and hold.

AWOS-3	SOUTH BEND APP CON ★	ELKHART TOWER ★	GND CON	CLNC DEL	CLNC DEL (When twr closed)	UNICOM
124.475	118.55 257.8	119.5 (CTAF) L	121.8	121.8	119.7	122.95







CATEGORY	A	B	C	D
LPV DA	1071/40 293 (300-¾)			
LNAV/VNAV DA	1221/45 443 (500-⅞)			
LNAV MDA	1260/40 482 (500-¾)		1260/50 482 (500-1)	
C CIRCLING	1260-1 482 (500-1)	1300-1 522 (600-1)	1380-1¾ 602 (700-1¾)	1580-2½ 802 (900-2½)

MIRL Rwy 18-36 L
HIRL Rwy 9-27 L
REIL Rwys 9, 18 and 36 L

EC-2, 12 JUN 2025 to 07 AUG 2025

EC-2, 12 JUN 2025 to 07 AUG 2025

RNAV (GPS) RWY 36

ELKHART MUNI (EKM)

APP CRS	Rwy Ldg	3999
356°	TDZE	776
	Apt Elev	778

RNP APCH.

When local altimeter setting not received, use South Bend altimeter setting and increase all MDA 40 feet. Straight-in and Circling Rwy 36 NA at night. Rwy 36 helicopter visibility reduction below 1 SM NA. Circling NA to Rwys 8 and 26.

MISSED APPROACH: Climb to 2500 direct CEKMU and hold.

AWOS-3	SOUTH BEND APP CON ★		ELKHART TOWER ★	GND CON	CLNC DEL	CLNC DEL	UNICOM
124.475	118.55	257.8	119.5 (CTAF) L	121.8	121.8	119.7 (When twr closed)	122.95

MISSED APCH FIX

4 NM 176° 356° CEKMU

MSA RW36 25 NM 3000

GIPPER GIJ 3000 147° (19.1)

1300 962 1015 817 934 RW36 934 1079 ECEBI 2.6 NM to RW36 1148 1221 1298 1949

(FAF) AYERU 2500 356° (6.1)

Procedure NA for arrivals at BAGEL via V277 westbound and at NOMES via V156 eastbound.

(IAF) FIDNA 2500 NoPT 266° (5)

NOMES 2600 096° (19.6)

(IAF) DACAC 2500 NoPT 086° (5)

(IF/IAF) BUCGA 176° 356° 4 NM

BAGEL 2700 281° (10.6)

ELEV 778 D TDZE 776

2500 CEKMU

ECEBI 2.6 NM to RW36 AYERU BUCGA 4 NM Holding Pattern

VGSI and descent angles not coincident (VGSI Angle 4.00/TCH 57).

3.05° TCH 46 RW36 1660 356° 2500 176° 356° 2500

2.6 NM 2.6 NM 6.1 NM

CATEGORY	A	B	C	D
LNAV MDA	1220-1 444 (500-1)		1220-1¼ 444 (500-1¼)	1220-1½ 444 (500-1½)
C CIRCLING	1240-1 462 (500-1)	1300-1 522 (600-1)	1380-1¾ 602 (700-1¾)	1580-2½ 802 (900-2½)

TWR 820

6500 X 120 A5 8L 6 8 2480 X 250 26 27 831 3999 X 75 36 356°

MIRL Rwy 18-36 L

HIRL Rwy 9-27 L

REIL Rwys 9, 18 and 36 L

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

ELKHART, INDIANA

AL-5287 (FAA)

25163

VOR RWY 9

ELKHART MUNI (EKM)

VORTAC GIJ	APP CRS	Rwy Ldg	6500
115.4	102°	TDZE	777
Chan 101		Apt Elev	778

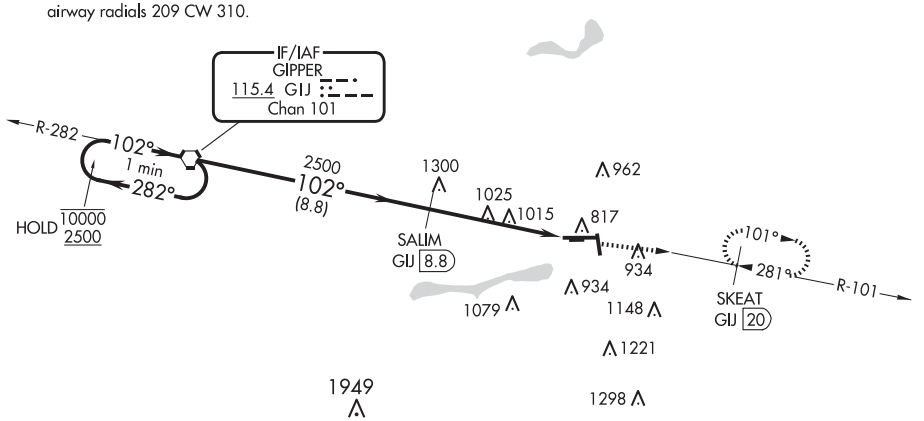
DME required.

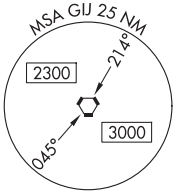
VDP NA when using SBN altimeter setting. Rwy 9 helicopter visibility reduction below ¾ SM NA. Circling NA to Rwys 8 and 26. When local altimeter setting not received, use SBN altimeter setting and increase all MDAs 40 feet and S-09 visibility Cat C/D ⅛ SM, and Circling visibility Cat D ¼ SM. Circling Rwy 18 and 36 NA at night.

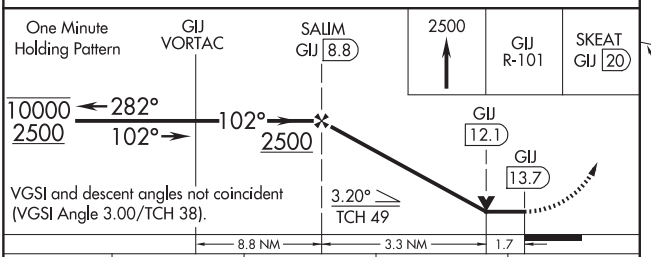
MISSED APPROACH: Climb to 2500 on GIJ R-101 to SKEAT/GIJ 20 DME and hold.

AWOS-3	SOUTH BEND APP CON ★		ELKHART TOWER ★	GND CON	CLNC DEL	CLNC DEL	UNICOM
124.475	118.55	257.8	119.5 (CTAF) L	121.8	121.8	119.7 (When twr closed)	122.95

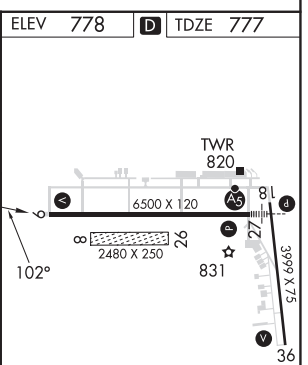
NoPT for arrival on GIJ VORTAC airway radials 209 CW 310.







CATEGORY	A	B	C	D
S-9	1340-1	563 (600-1)	1340-1⅝	563 (600-1⅝)
C CIRCLING	1340-1	562 (600-1)	1380-1¾ 602 (700-1¾)	1580-2½ 802 (900-2½)



MIRL Rwy 18-36 L
HIRL Rwy 9-27 L
REIL Rwys 9, 18 and 36 L

ELKHART, INDIANA
Amdt 7 12JUN25

41°43'N-86°00'W

ELKHART MUNI (EKM)

VOR RWY 9

EC-2, 12 JUN 2025 to 07 AUG 2025

EC-2, 12 JUN 2025 to 07 AUG 2025

FIELD ELEV 778
41°43.5'N
41°43.0'N
85°59.5'W
86°00.0'W
86°00.5'W
86°01.0'W
ELEV 777
3999 X 75
177.2°
357.2°
ELEV 772
TWR 820
275.2°
831
RWY 09-27
S-40, D-60, 2D-120
RWY 18-36
S-45, D-65, 2S-82
6500 X 120
2480 X 250
274.7°
094.7°
095.2°
ELEV 773
ELEV 769
ELEV 770
VAR 5.3° W
JANUARY 2025
ANNUAL RATE OF CHANGE
0.0° W
AWOS-3
124.475
ELKHART TOWER
119.5
GND CON
121.8
CLNC DEL
121.8
119.7 (When Twr Clsd)
CAUTION: BE ALERT TO RUNWAY CROSSING CLEARANCES.
READBACK OF ALL RUNWAY HOLDING INSTRUCTIONS IS REQUIRED.

ELYRIA, OHIO AL-5333 (FAA) 24025

VOR/DME DJB	APP CRS	Rwy Idg	N/A
113.6	125°	TDZE	N/A
Chan 83		Apt Elev	758

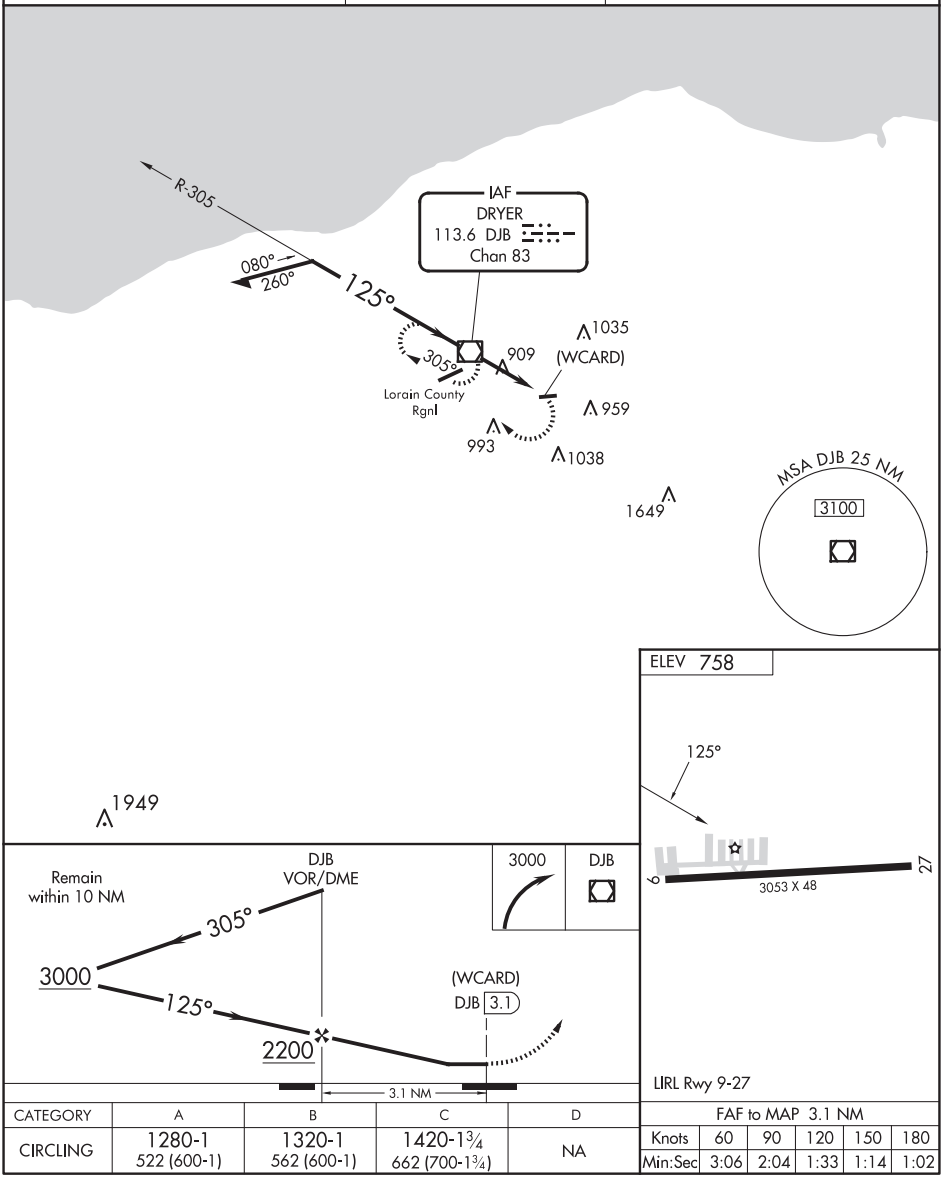
VOR or GPS-A

ELYRIA (1G1)

Use Cleveland Hopkins Intl altimeter setting.
NA Procedure NA at night.
Helicopter visibility reduction below 1 SM NA.

MISSED APPROACH: Climbing right turn to 3000 direct DJB VOR/DME and hold.

CLEVELAND APP CON	CLNC DEL	UNICOM
125.35 346.325	125.7	122.8 (CTAF)



CATEGORY	A	B	C	D
CIRCLING	1280-1 522 (600-1)	1320-1 562 (600-1)	1420-1¾ 662 (700-1¾)	NA

FAF to MAP 3.1 NM					
Knots	60	90	120	150	180
Min:Sec	3:06	2:04	1:33	1:14	1:02

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

LOC/DME I-DSO	APP CRS	Rwy Idg	8021
109.9	041°	TDZE	389
Chan 36		Apt Elev	422

ILS or LOC RWY 4

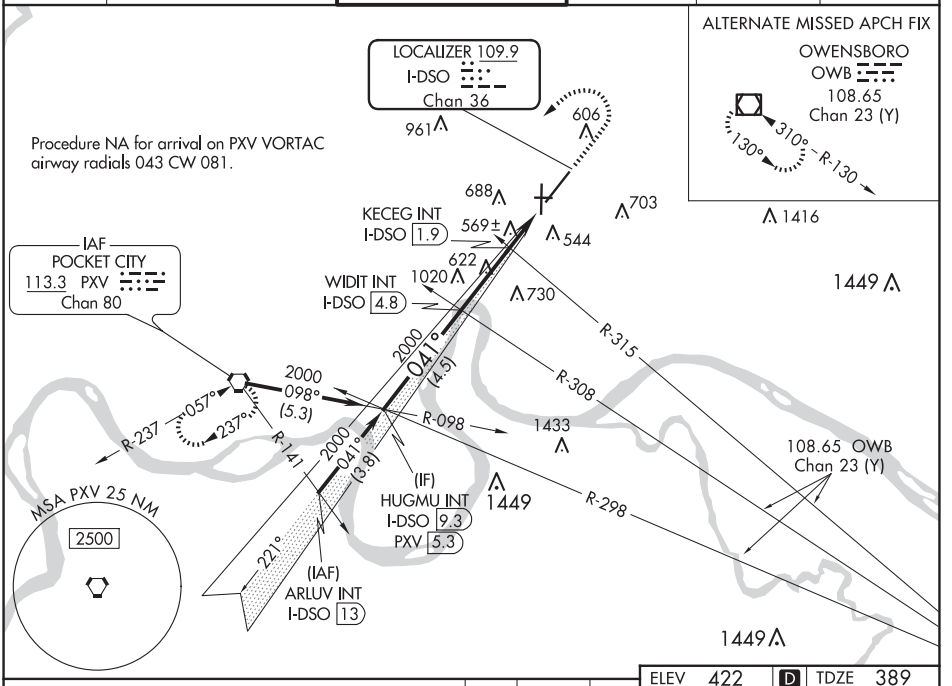
EVANSVILLE RGNL (EVV)

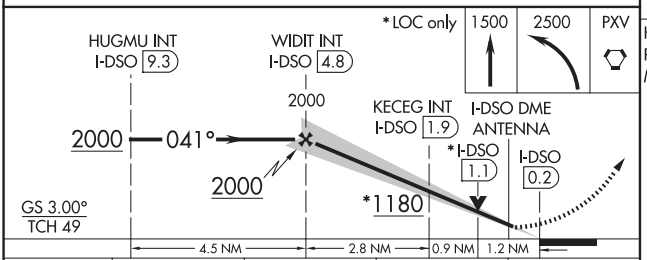
ASR

Circling Rwy 9 NA at night.

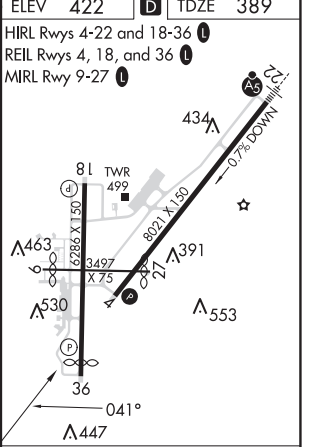
MISSED APPROACH: Climb to 1500 then climbing left turn to 2500 direct PXV VORTAC and hold.

ATIS	EVANSVILLE APP CON ★	EVANSVILLE TOWER ★	GND CON	CLNC DEL	UNICOM
120.2	124.025 290.9	118.7 (CTAF) L 257.8	121.9	126.6	122.95





CATEGORY	A	B	C	D
S-ILS 4	589-¾ 200 (200-¾)			
S-LOC 4	1180-1 791 (800-1)	1180-1¼ 791 (800-1¼)	1180-2½ 791 (800-2½)	
C CIRCLING	1180-1 758 (800-1)	1180-1¼ 758 (800-1¼)	1180-2½ 758 (800-2½)	
KECEG FIX MINIMUMS (DUAL VOR RECEIVERS OR DME REQUIRED)				
S-LOC 4	820-1 431 (400-1)		820-1¼ 431 (400-1¼)	
C CIRCLING	920-1 498 (500-1)	1040-1 618 (700-1)	1040-1¾ 618 (700-1¾)	1040-2 618 (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

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

EVANSVILLE, INDIANA | AL-513 (FAA) | 23278

ILS or LOC RWY 22

EVANSVILLE RGNL (EVV)

LOC/DME I-EVV	APP CRS	Rwy Idg	8021
109.9	221°	TDZE	422
Chan 36		Apt Elev	422

RADAR or DME required for procedure entry at AUGUS.

T A ASR Circling Rwy 9 NA at night. For inop ALS, increase S-LOC 22 Cats C and D visibility to 1¾ SM. DME minimums: For inop ALS, increase S-LOC 22 Cats C and D visibility to RVR 6000. * RVR 1800 authorized with use of FD or AP or HUD to DA.

MALSR

MISSED APPROACH: Climb to 1000 then climbing right turn to 2500 direct PXV VORTAC and hold.

ATIS	EVANSVILLE APP CON *	EVANSVILLE TOWER *	GND CON	CLNC DEL	UNICOM
120.2	124.025 290.9	118.7 (CTAF) L 257.8	121.9	126.6	122.95

OWENSBORO OWB 108.65 Chan 23 (Y)

ALT MISSED APCH FIX

310° 130° R-130

MSA PXV 25 NM 2500

2500 NoPT 221° (7.4)

(IAF) AUGUS I-EVV 21.5 RADAR

176° 356° 041°

(IF) JISEV INT I-EVV 14.1

(IAF) CUYAR INT I-EVV 7.9 PXV 20.1

221° 2500 221° (6.2)

R-347 R-336

108.65 OWB Chan 23 (Y)

961 606 ZAGAK I-EVV 3.5

Procedure NA for arrival on PXV VORTAC airway radials 355 CW 151.

R-048 688 544 703 1416 1020 730 1449

POCKET CITY 113.3 PXV Chan 80

2500 to CUYAR 048° (20.1)

LOCALIZER 109.9 I-EVV Chan 36

R-237 057° 237°

1433

ELEV 422 D TDZE 422

221° 7.2 434 0.7% DOWN

18 TWR 499

8021 X 150 6286 X 150 3497 X 75

463 391 530 553 447

36 27

HIRL Rwys 4-22 and 18-36 L

REIL Rwys 4, 18, and 36 L

MIRL Rwy 9-27 L

1000 2500 PXV

CUYAR INT I-EVV 7.9

Remain within 10 NM

ZAGAK I-EVV 3.5

I-EVV 2.6

I-EVV 1.5

2500 041° 221° 2500 2500

GS 3.00° TCH 50

1060

1.2 NM 0.9 NM 4.4 NM

CATEGORY	A	B	C	D
S-ILS 22 *	622/24		200 (200-½)	
S-LOC 22	1060/24	638 (700-½)	1060-1⅜	638 (700-1⅜)
C CIRCLING	1060-1	638 (700-1)	1060-1¾ 638 (700-1¾)	1060-2 638 (700-2)
ZAGAK FIX MINIMUMS (DME REQUIRED)				
S-LOC 22	840/24	418 (500-½)	840/40	418 (500-¾)
C CIRCLING	920-1 498 (500-1)	1040-1 618 (700-1)	1040-1¾ 618 (700-1¾)	1040-2 618 (700-2)

FAF to MAP 6.4 NM

Knots	60	90	120	150	180
Min:Sec	6:24	4:16	3:12	2:34	2:08

EC-2, 12 JUN 2025 to 07 AUG 2025

EC-2, 12 JUN 2025 to 07 AUG 2025

WAAS	APP CRS	Rwy Idg	8021
CH 82711	041°	TDZE	389
W04A		Apt Elev	422

RNAV (GPS) RWY 4

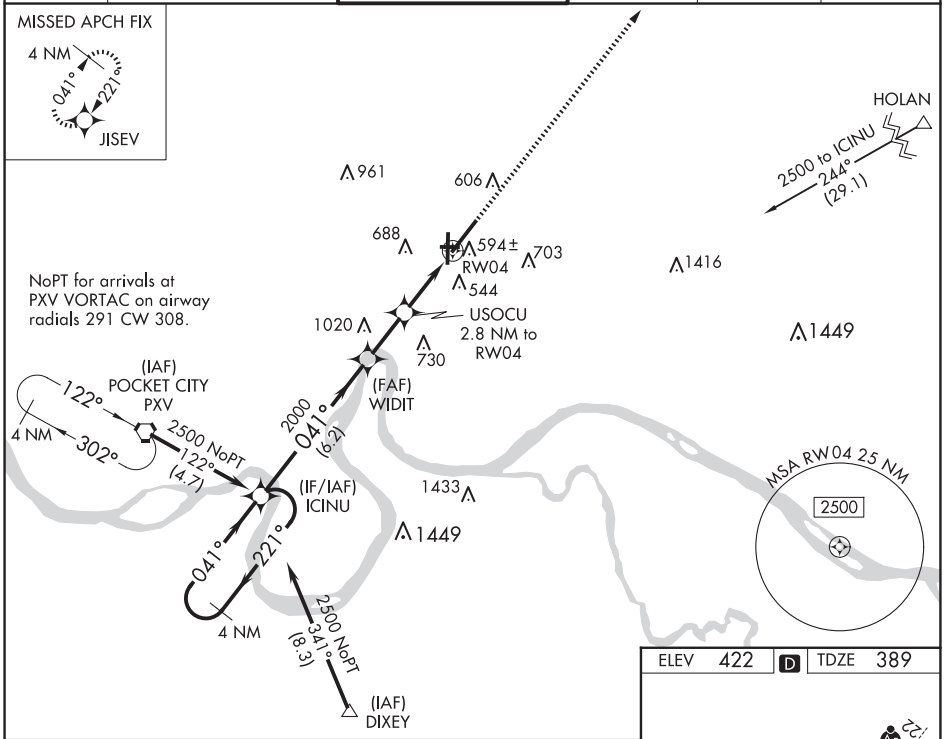
EVANSVILLE RGNL (EVV)

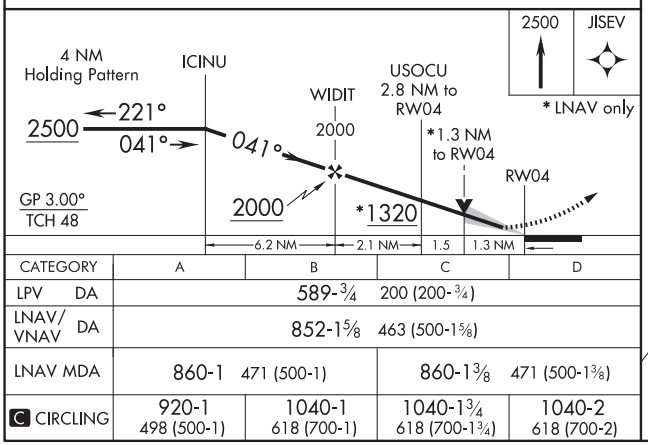
ASR

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. Circling Rwy 9 NA at night.

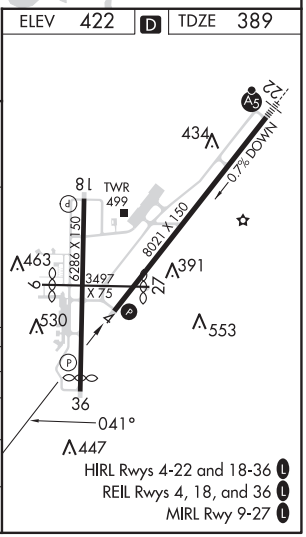
MISSED APPROACH: Climb to 2500 direct JISEV and hold.

ATIS	EVANSVILLE APP CON ★	EVANSVILLE TOWER ★	GND CON	CLNC DEL	UNICOM
120.2	124.025 290.9	118.7 (CTAF) L 257.8	121.9	126.6	122.95





CATEGORY	A	B	C	D
LPV DA	589-¾	200 (200-¾)		
LNAV/VNAV DA	852-1⅝	463 (500-1⅝)		
LNAV MDA	860-1	471 (500-1)	860-1⅜	471 (500-1⅜)
C CIRCLING	920-1 498 (500-1)	1040-1 618 (700-1)	1040-1¾ 618 (700-1¾)	1040-2 618 (700-2)



EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

EVANSVILLE, INDIANA | AL-513 (FAA) | 25107

RNAV (GPS) RWY 18

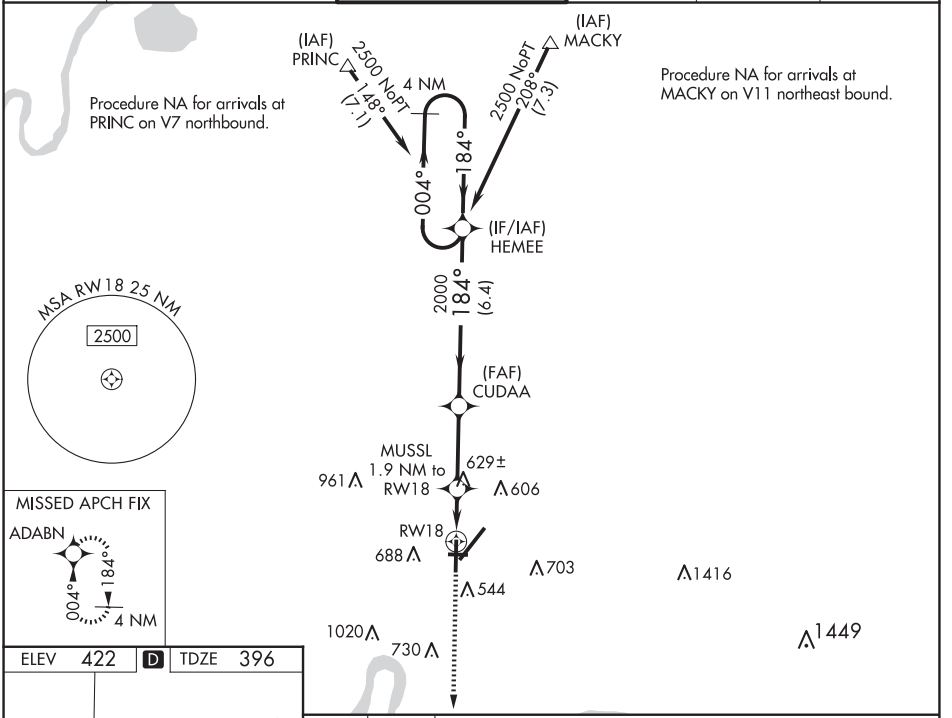
EVANSVILLE RGNL (EVV)

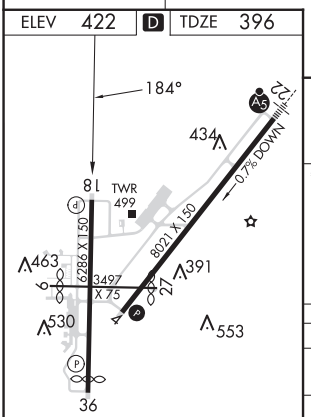
WAAS	APP CRS	Rwy Idg	5498
CH 50421	184°	TDZE	396
W18A		Apt Elev	422

ASR — 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. Circling Rwy 9 NA at night. Helicopter visibility reduction below ¾ SM NA.

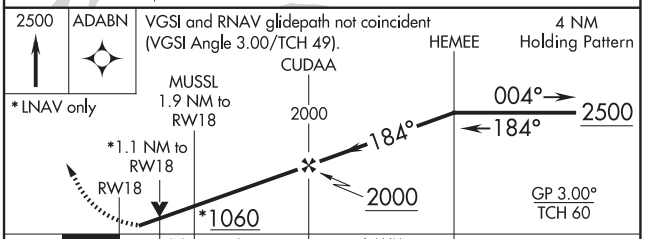
MISSED APPROACH: Climb to 2500 direct ADABN and hold.

ATIS	EVANSVILLE APP CON ★	EVANSVILLE TOWER ★	GND CON	CLNC DEL	UNICOM
120.2	124.025 290.9	118.7 (CTAF) L 257.8	121.9	126.6	122.95





HIRL Rwys 4-22 and 18-36 L
REIL Rwys 4, 18, and 36 L
MIRL Rwy 9-27 L



CATEGORY	A	B	C	D
LPV DA	596- ¾ 200 (200-¾)			
LNAV/VNAV DA	931-1¾ 535 (600-1¾)			
LNAV MDA	880-1 484 (500-1)		880-1⅜ 484 (500-1⅜)	
C CIRCLING	920-1 498 (500-1)	1040-1 618 (700-1)	1040-1¾ 618 (700-1¾)	1040-2 618 (700-2)

EVANSVILLE, INDIANA
Amdt 2A 13OCT16

38°02′N - 87°32′W

EVANSVILLE RGNL (EVV)

RNAV (GPS) RWY 18

EC-2, 12 JUN 2025 to 07 AUG 2025

EC-2, 12 JUN 2025 to 07 AUG 2025

RNAV (GPS) RWY 22

EVANSVILLE RGNL (EVV)

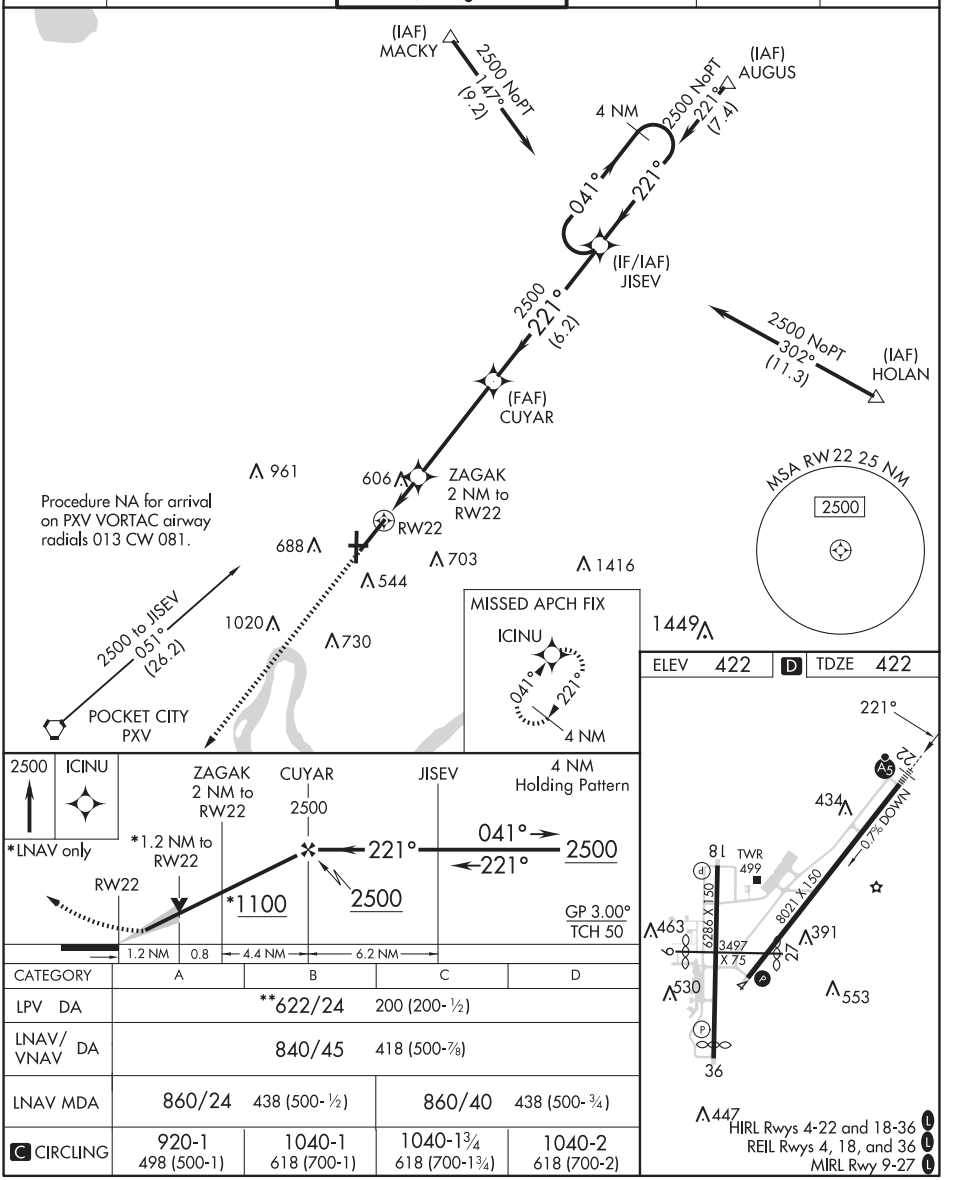
WAAS	APP CRS		
CH 42512	221°	Rwy Idg	8021
W22A		TDZE	422
		Apt Elev	422

ASR — 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. Circling Rwy 9 NA at night. ** RVR 1800 authorized with the use of FD or AP or HUD to DA.

MALSR (A5)

MISSED APPROACH: Climb to 2500 direct ICINU and hold.

ATIS	EVANSVILLE APP CON ★	EVANSVILLE TOWER ★	GND CON	CLNC DEL	UNICOM
120.2	124.025 290.9	118.7 (CTAF) L 257.8	121.9	126.6	122.95



CATEGORY	A	B	C	D
LPV DA	**622/24	200 (200-½)		
LNAV/VNAV DA	840/45	418 (500-⅞)		
LNAV MDA	860/24	438 (500-½)	860/40	438 (500-¾)
C CIRCLING	920-1 498 (500-1)	1040-1 618 (700-1)	1040-1¾ 618 (700-1¾)	1040-2 618 (700-2)

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

EVANSVILLE, INDIANA | AL-513 (FAA) | 25107

RNAV (GPS) RWY 36

EVANSVILLE RGNL (EVV)

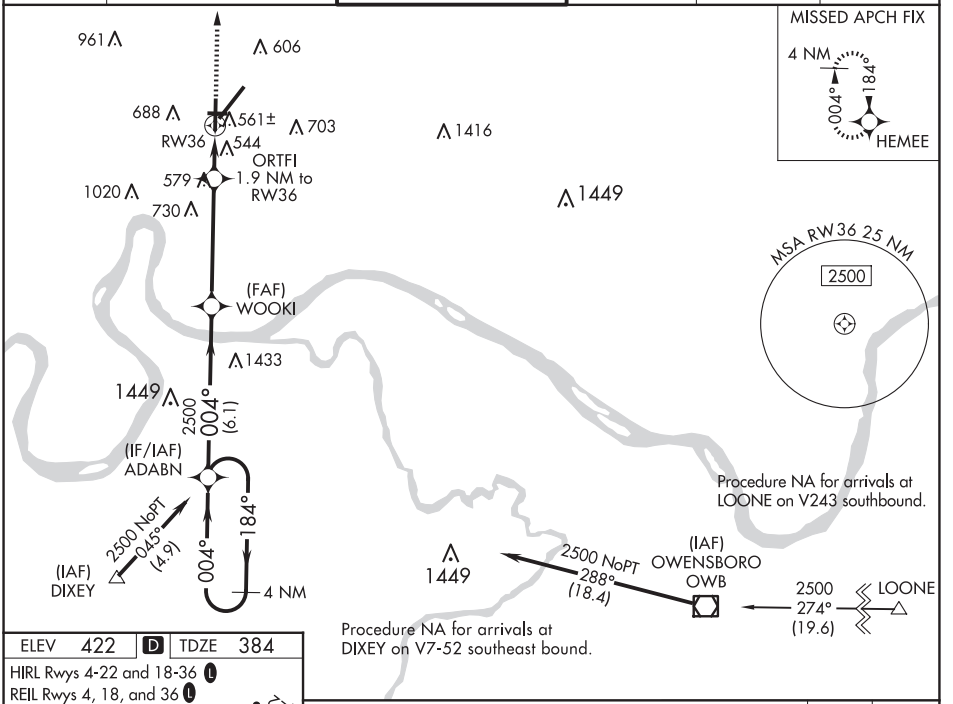
WAAS	APP CRS		
CH 90421	004°	Rwy Idg	5497
W36A		TDZE	384
		Apt Elev	422

ASR

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. Circling Rwy 9 NA at night. Helicopter visibility reduction below ¾ SM NA.

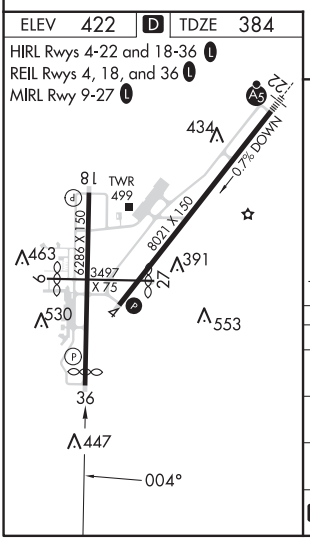
MISSED APPROACH: Climb to 2500 direct HEMEE and hold.

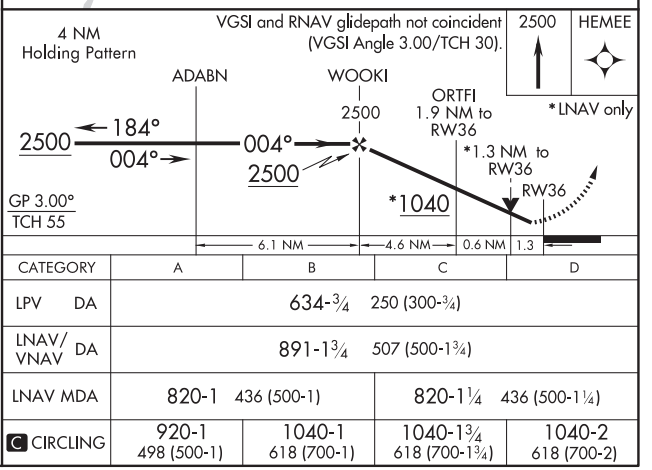
ATIS	EVANSVILLE APP CON ★	EVANSVILLE TOWER ★	GND CON	CLNC DEL	UNICOM
120.2	124.025 290.9	118.7 (CTAF) L 257.8	121.9	126.6	122.95



EC-2, 12 JUN 2025 to 07 AUG 2025

EC-2, 12 JUN 2025 to 07 AUG 2025





CATEGORY	A	B	C	D
LPV DA	634-¾ 250 (300-¾)			
LNAV/VNAV DA	891-1¾ 507 (500-1¾)			
LNAV MDA	820-1 436 (500-1)		820-1¼ 436 (500-1¼)	
C CIRCLING	920-1 498 (500-1)	1040-1 618 (700-1)	1040-1¾ 618 (700-1¾)	1040-2 618 (700-2)

EVANSVILLE, INDIANA
Amdt 2A 13OCT16

38°02'N-87°32'W

EVANSVILLE RGNL (EVV)
RNAV (GPS) RWY 36

VOR RWY 4

EVANSVILLE RGNL (EVV)

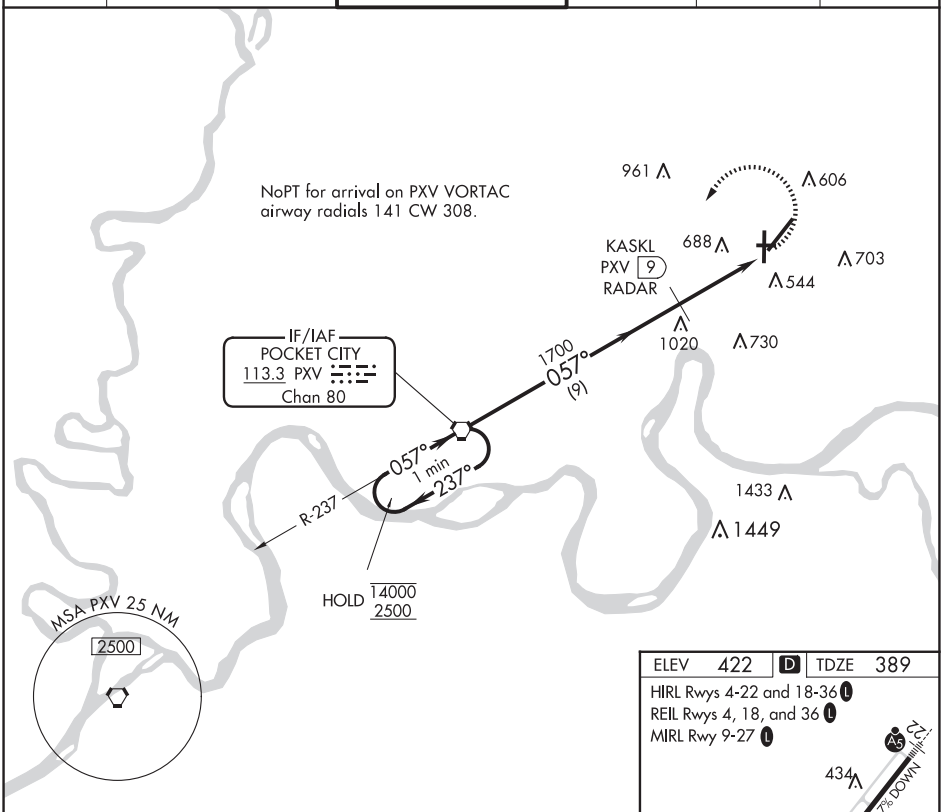
VORTAC PXV 113.3 Chan 80	APP CRS 057°	Rwy Idg 8021 TDZE 389 Apt Elev 422

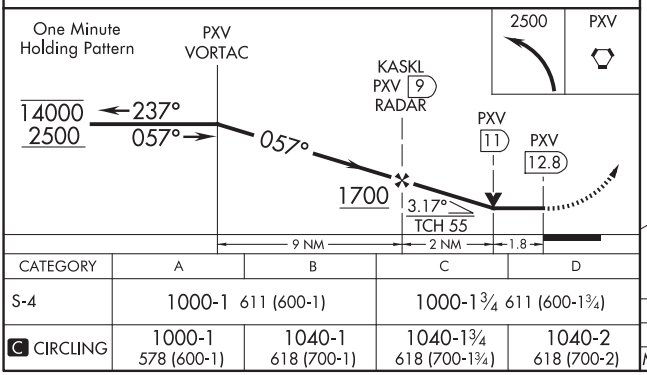
DME or RADAR required.

ASR — RWY 4 helicopter visibility reduction below ¾ SM NA. Circling Rwy 9 NA at night.

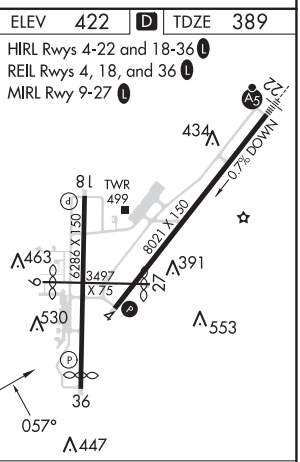
MISSED APPROACH: Climbing left turn to 2500 direct PXV VORTAC and hold.

ATIS	EVANSVILLE APP CON ★	EVANSVILLE TOWER ★	GND CON	CLNC DEL	UNICOM
120.2	124.025 290.9	118.7 (CTAF) L 257.8	121.9	126.6	122.95





CATEGORY	A	B	C	D
S-4	1000-1 611 (600-1)		1000-1¾ 611 (600-1¾)	
C CIRCLING	1000-1 578 (600-1)	1040-1 618 (700-1)	1040-1¾ 618 (700-1¾)	1040-2 618 (700-2)



FAF to MAP 3.8 NM					
Knots	60	90	120	150	180
Min:Sec	3:48	2:32	1:54	1:31	1:16

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

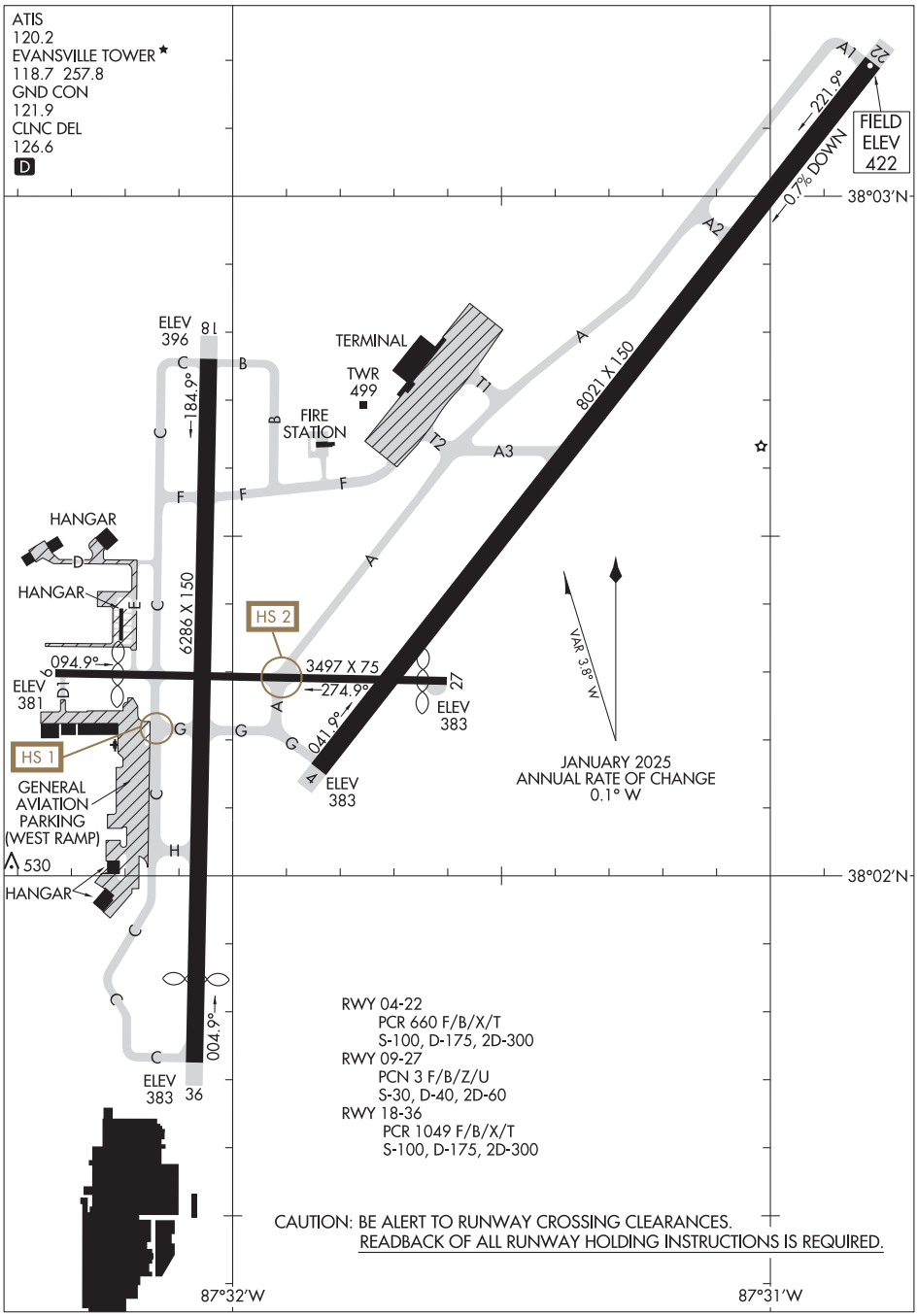
25107

AIRPORT DIAGRAM

AL-513 (FAA)

EVANSVILLE RGNL (EVV)

EVANSVILLE, INDIANA



EC-2, 12 JUN 2025 to 07 AUG 2025

EC-2, 12 JUN 2025 to 07 AUG 2025

AIRPORT DIAGRAM

EVANSVILLE, INDIANA

EVANSVILLE RGNL (EVV)

25107

RNAV (GPS) RWY 7

FINDLAY (FDY)

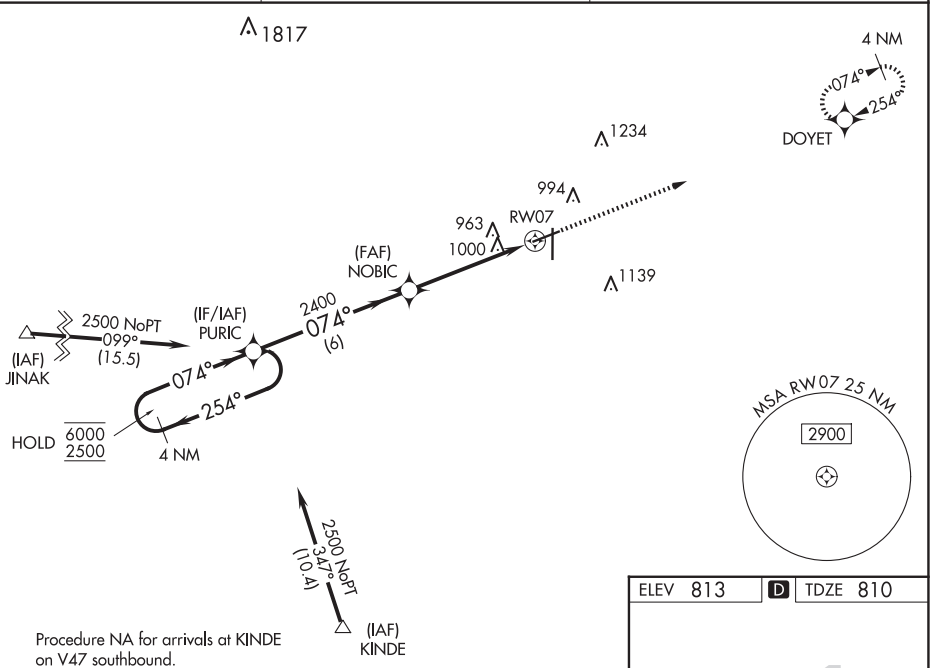
APP CRS	Rwy Idg	4558
074°	TDZE	810
	Apt Elev	813

RNP APCH - GPS.

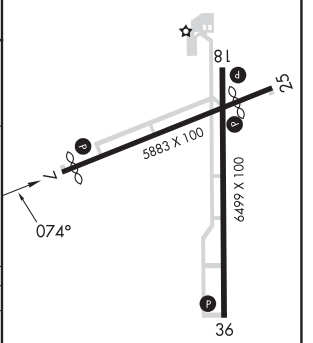
Baro-VNAV and VDP NA when using Lima Allen County altimeter setting. Rwy 7 helicopter visibility reduction below ¾ SM NA. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -16°C or above 54°C. When local altimeter setting not received, use Lima altimeter setting and increase LNAV/VNAV DA to 1391 feet and all visibilities ⅜ SM. Increase all MDAs 80 feet and LNAV visibility Cat C/D ⅛ SM, and Circling visibility Cat C/D ¼ SM. Straight-In Rwy 7 NA at night, Circling Rwy 7 NA at night.

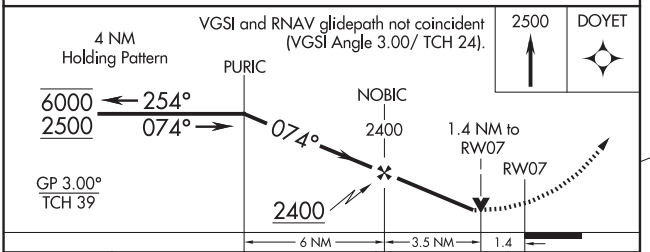
MISSED APPROACH: Climb to 2500 direct DOYET and hold.

ASOS	TOLEDO APP CON	UNICOM
132.85	120.8 317.55	122.725 (CTAF) L



ELEV 813 D TDZE 810





CATEGORY	A	B	C	D
LNAV/VNAV DA	1311-1¾ 501 (500-1¾)			
LNAV MDA	1260-1 450 (500-1)		1260-1⅜ 450 (500-1⅜)	
C CIRCLING	1440-1 627 (700-1)		1440-1¾ 627 (700-1¾)	1540-2¼ 727 (800-2¼)

HIRL Rwys 7-25 and 18-36 L
REIL Rwys 7, 25 and 36 L

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

FINDLAY, OHIO AL-702 (FAA) 24137

RNAV (GPS) RWY 18

FINDLAY (FDY)

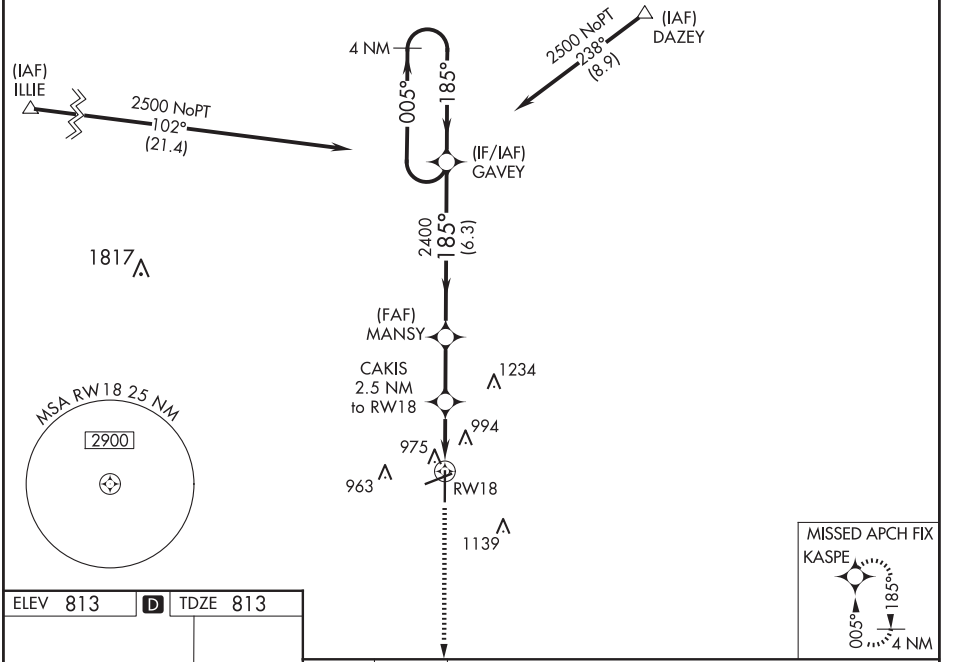
WAAS	APP CRS	Rwy Idg	6499
CH 70405	185°	TDZE	813
W18A		Apt Elev	813

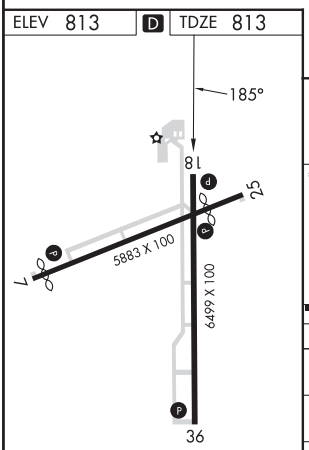
RNP APCH-GPS.

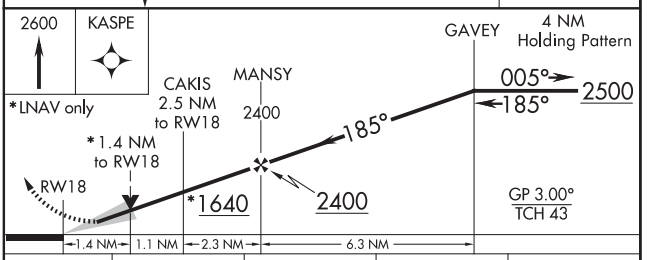
T A For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -16°C or above 47°C. Baro-VNAV and VDP NA when using Lima Allen County altimeter setting. When local altimeter setting not received, use Lima Allen County altimeter setting: increase all DAs/MDAs 80 feet; increase LNAV Cat C/D and Circling Cat C/D visibility ¼ SM. Circling Rwy 7 NA at night.

MISSED APPROACH: Climb to 2600 direct KASPE and hold.

ASOS	TOLEDO APP CON	UNICOM
132.85	120.8 317.55	122.725 (CTAF) L







CATEGORY	A	B	C	D
LPV DA	1063-1 250 (300-1)			
LNAV/VNAV DA	1320-1¾ 507 (600-1¾)			
LNAV MDA	1300-1 487 (500-1)		1300-1⅜ 487 (500-1⅜)	1300-1½ 487 (500-1½)
CIRCLING	1440-1 627 (700-1)		1440-1¾ 627 (700-1¾)	1540-2¼ 727 (800-2¼)

HIRL Rwys 7-25 and 18-36 L
REIL Rwys 7, 25 and 36 L

FINDLAY, OHIO
Amdt 1C 19MAY22

41°01'N-83°40'W

FINDLAY (FDY)

RNAV (GPS) RWY 18

EC-2, 12 JUN 2025 to 07 AUG 2025

RNAV (GPS) RWY 25

FINDLAY (FDY)

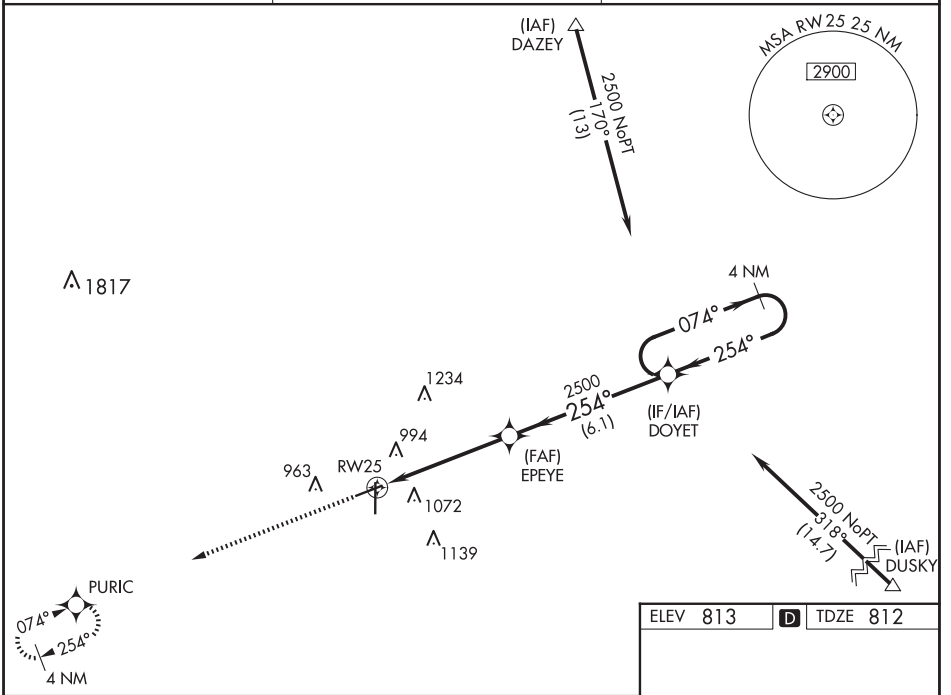
WAAS	APP CRS		
CH 56405	254°	Rwy Idg	4558
W25A		TDZE	812
		Apt Elev	813

RNP APCH-GPS.

For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -16°C or above 47°C. Baro-VNAV and VDP NA when using Lima Allen County altimeter setting. When local altimeter setting not received, use Lima Allen County altimeter setting: increase all DAs/MDAs 80 feet; increase LPV visibility ⅛ SM all Cats; increase LNAV Cat C/D and Circling Cat C/D visibility ¼ SM. Circling Rwy 7 NA at night.

MISSED APPROACH: Climb to 2500 direct PURIC and hold.

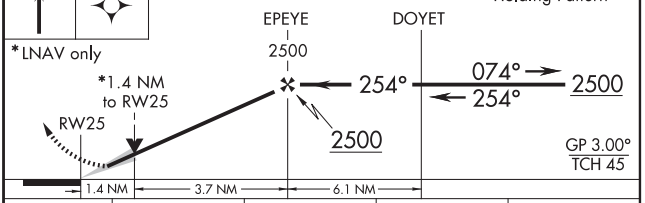
ASOS	TOLEDO APP CON	UNICOM
132.85	120.8 317.55	122.725 (CTAF) L



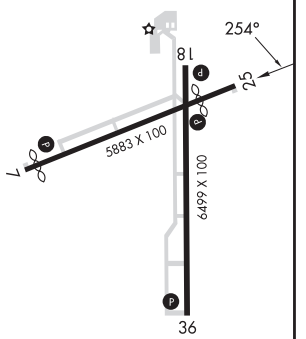
2500 | PURIC

VGSI and RNAV glidepath not coincident (VGSI Angle 3.00/TCH 31).

4 NM Holding Pattern



ELEV 813 D TDZE 812



HIRL Rwys 7-25 and 18-36 L
REIL Rwys 7, 25 and 36 L

CATEGORY	A	B	C	D
LPV DA	1116-1 304 (400-1)			
LNAV/VNAV DA	1411-2 599 (600-2)			
LNAV MDA	1280-1 468 (500-1)		1280-1⅜ 468 (500-1⅜)	1280-1½ 468 (500-1½)
CIRCLING	1440-1 627 (700-1)		1440-1¾ 627 (700-1¾)	1540-2¼ 727 (800-2¼)

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

FINDLAY, OHIO | AL-702 (FAA) | 24137

RNAV (GPS) RWY 36

FINDLAY (FDY)

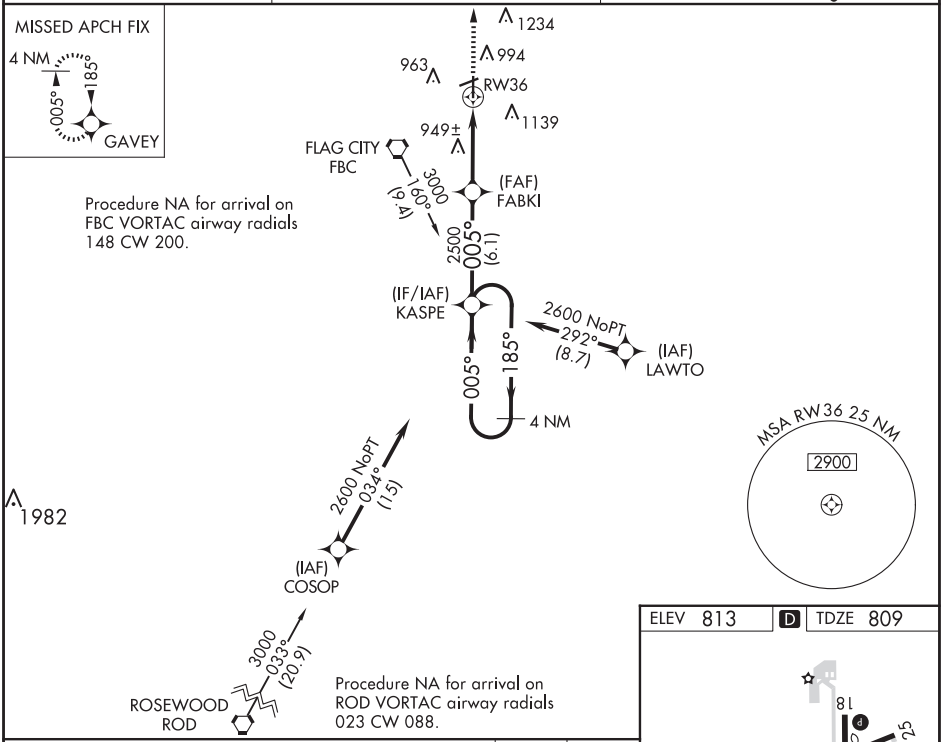
WAAS	APP CRS	Rwy Idg	6499
CH 72705	005°	TDZE	809
W36A		Apt Elev	813

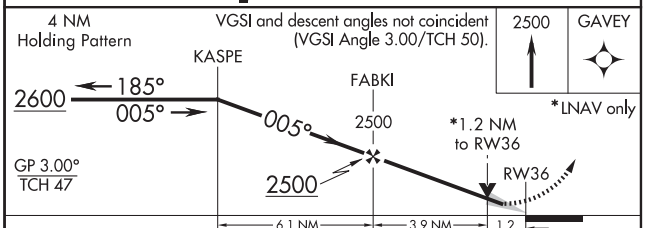
RNP APCH-GPS.

For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -16°C or above 47°C.
Baro-VNAV and VDP NA when using Lima Allen County altimeter setting.
When local altimeter setting not received, use Lima Allen County altimeter setting: increase all DAs/MDAs 80 feet; increase LNAV Cat C/D visibility ⅛ SM and Circling Cat C/D visibility ¼ SM.
Circling Rwy 7 NA at night.

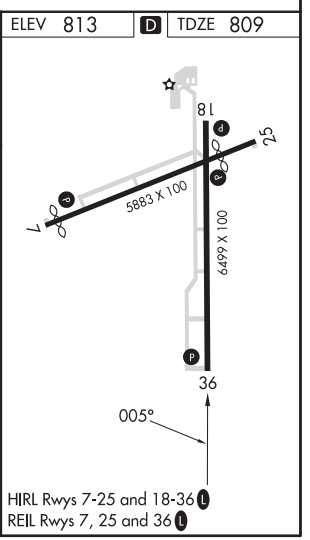
MISSED APPROACH: Climb to 2500 direct GAVEY and hold.

ASOS	TOLEDO APP CON	UNICOM
132.85	120.8 317.55	122.725 (CTAF) L





CATEGORY	A	B	C	D
LPV DA	1106-1 297 (300-1)			
LNAV/VNAV DA	1229-1½ 420 (500-1½)			
LNAV MDA	1220-1 411 (500-1)		1220-1¼ 411 (500-1¼)	
CIRCLING	1440-1 627 (700-1)		1440-1¾ 627 (700-1¾)	1540-2¼ 727 (800-2¼)



FINDLAY, OHIO
Amdt 1D 19MAY22

41°01'N-83°40'W

FINDLAY (FDY)

RNAV (GPS) RWY 36

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

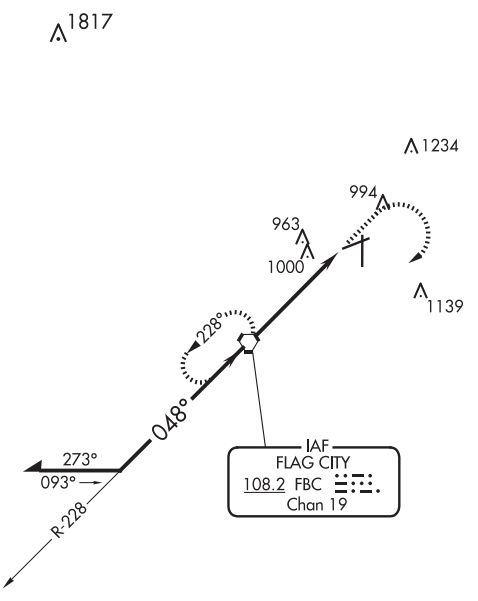
VORTAC FBC	APP CRS	Rwy Idg 4558
108.2	048°	TDZE 810
Chan 19		Apt Elev 813

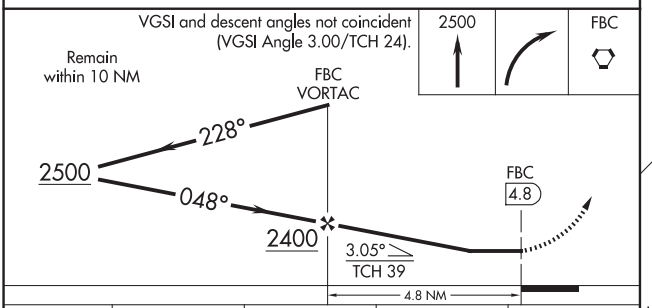
VOR RWY 7
FINDLAY (FDY)

T A Rwy 7 helicopter visibility reduction below 1 SM NA. When local altimeter setting not received, use Lima Allen County altimeter setting and increase all MDA 80 feet, and increase S-07 visibility Cat C/D ⅛ SM, and Circling visibility Cat C/D ¼ SM. Straight-In Rwy 7 NA at night, Circling Rwy 7 NA at night.

MISSED APPROACH: Climb to 2500 then right turn direct FBC VORTAC and hold.

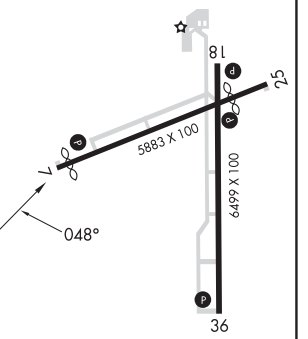
ASOS	TOLEDO APP CON	UNICOM
132.85	120.8 317.55	122.725 (CTAF) L





CATEGORY	A	B	C	D
S-7	1260-1	450 (500-1)	1260-1¼ 450 (500-1¼)	1260-1½ 450 (500-1½)
C CIRCLING	1440-1	627 (700-1)	1440-1¾ 627 (700-1¾)	1540-2¼ 727 (800-2¼)

ELEV 813 D TDZE 810



HIRL Rwys 7-25 and 18-36 L
REIL Rwys 7, 25 and 36 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

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

FORT WAYNE, INDIANA | AL-156 (FAA) | 25163

LOC I-HVD	APP CRS	Rwy Ldg	11981
111.9	050°	TDZE	815
		Apt Elev	815

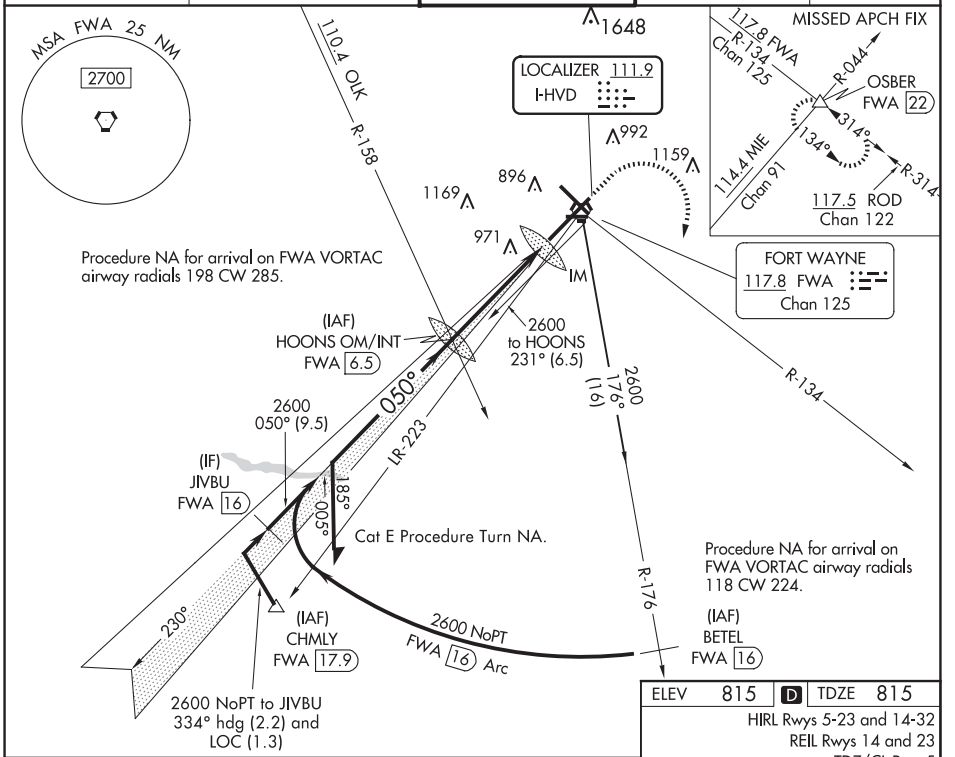
ILS or LOC RWY 5
FORT WAYNE INTL (FWA)

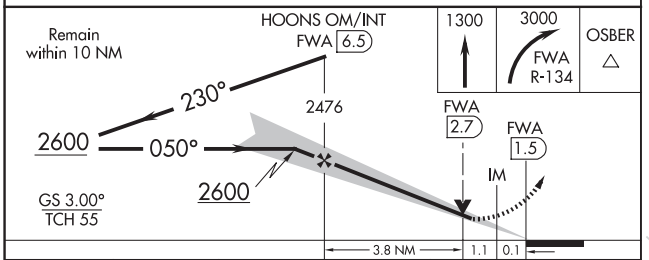
For inop ALS, increase S-ILS 5 Cat E visibility to RVR 4000 and S-LOC 5 Cats C, D, and E visibility to 1⅜ SM.

ALSF-2

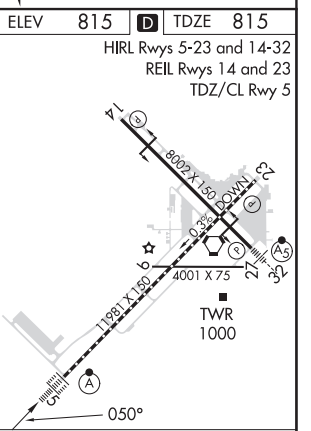
MISSED APPROACH: Climb to 1300 then climbing right turn to 3000 on FWA R-134 to OSBER INT/FWA 22 DME and hold.

ATIS	FORT WAYNE APP CON	FORT WAYNE TOWER	GND CON	CLNC DEL
121.25 360.825	127.2 284.6	119.1 269.325	121.9 348.6	124.75





CATEGORY	A	B	C	D	E
S-ILS 5	1015/18 200 (200-½)				
S-LOC 5	1300/24 485 (500-½)		1300/50 485 (500-1)		
C CIRCLING	1300-1 485 (500-1)		1420-1¾ 605 (700-1¾)	1520-2¼ 705 (800-2¼)	1520-2½ 705 (800-2½)



FAF to MAP 5 NM					
Knots	60	90	120	150	180
Min:Sec	5:00	3:20	2:30	2:00	1:40

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

ILS or LOC RWY 32

FORT WAYNE INTL (FWA)

LOC/DME I-FWA	APP CRS	Rwy Ldg	8001
109.9	321°	TDZE	800
Chan 36		Apt Elev	815

DME required for LOC only. DME or RADAR required for procedure entry.

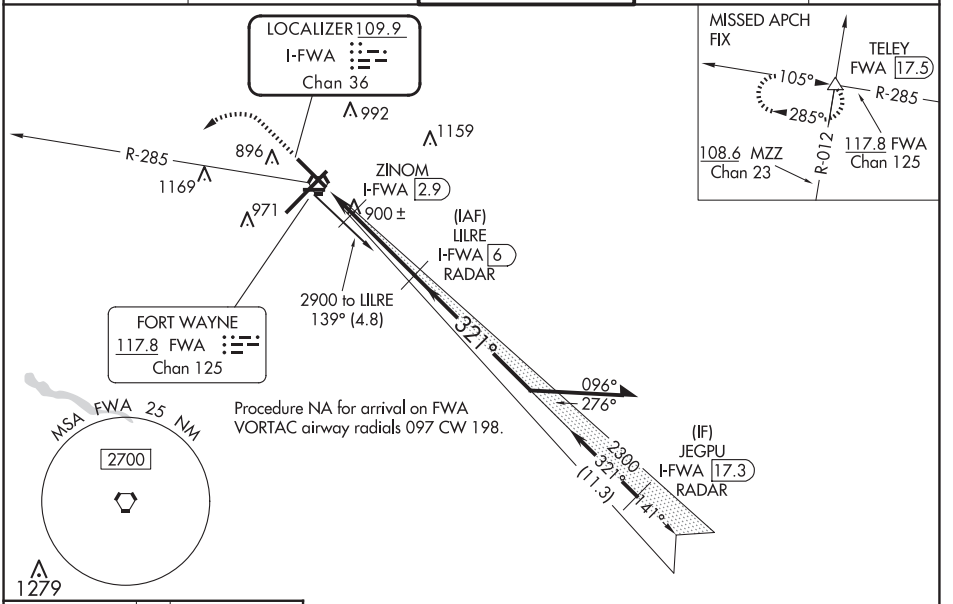
ASR

For inop ALS, increase S-ILS 32 visibility Cat E to RVR 4000 and increase S-LOC 32 visibility Cats C, D, and E to RVR 5500.
* RVR 1800 authorized with use of FD or AP or HUD to DA.

MALSR

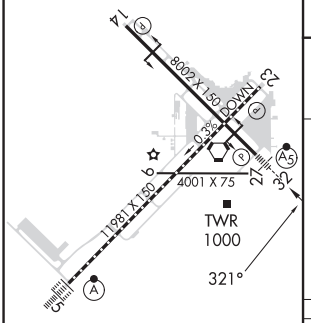
MISSED APPROACH: Climb to 3000 then left turn on FWA VORTAC R-285 to TELEY INT/FWA 17.5 DME and hold.

ATIS	FORT WAYNE APP CON	FORT WAYNE TOWER	GND CON	CLNC DEL
121.25 360.825	127.2 284.6	119.1 269.325	121.9 348.6	124.75

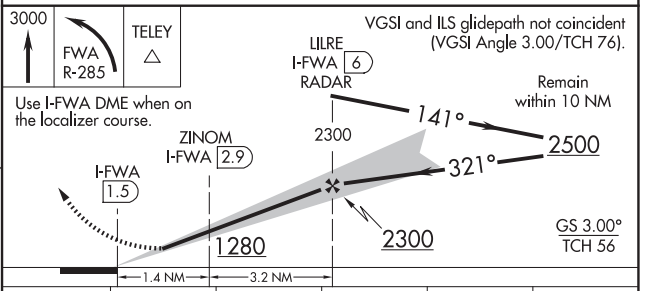


Cat E Procedure Turn NA.

ELEV 815 D TDZE 800



TDZ/CL Rwy 5
REIL Rwys 14 and 23
HIRL Rwys 5-23 and 14-32



CATEGORY	A	B	C	D	E
S-ILS 32*	1000/24 200 (200-½)				
S-LOC 32	1160/24 360 (400-½)		1160/30 360 (400-⅝)		
C CIRCLING	1300-1 485 (500-1)		1420-1¾ 605 (700-1¾)	1520-2¼ 705 (800-2¼)	1520-2½ 705 (800-2½)

FAF to MAP 4.6 NM

Knots	60	90	120	150	180
Min:Sec	4:36	3:04	2:18	1:50	1:32

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

ILS RWY 5 (CAT II)
FORT WAYNE INTL (FWA)

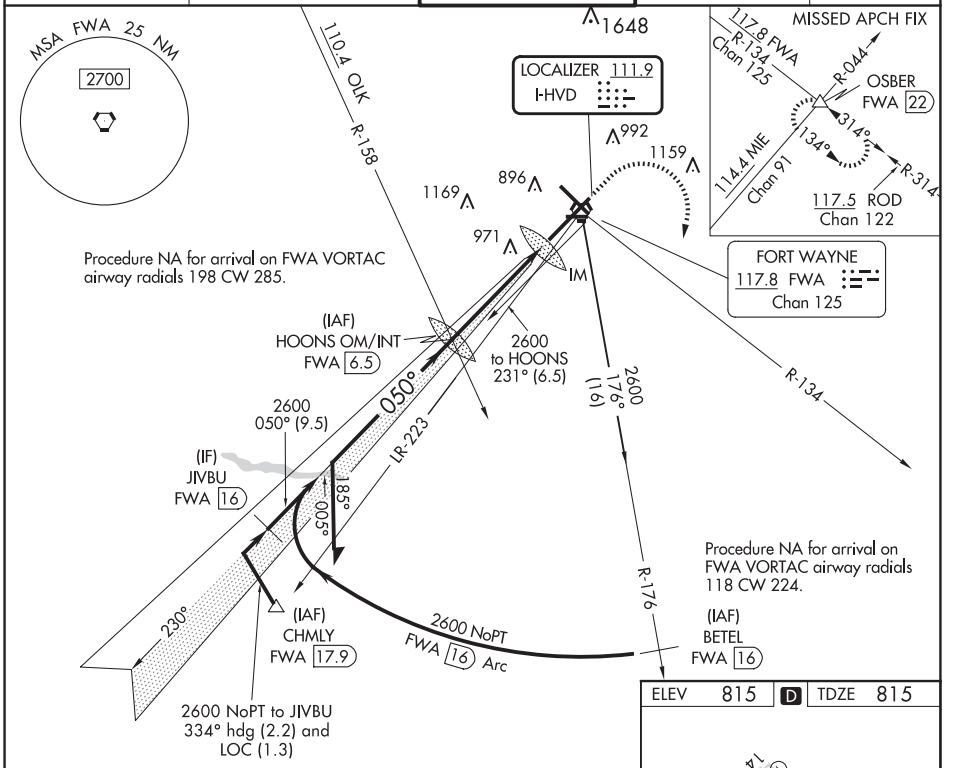
LOC I-HVD	APP CRS	Rwy Ldg	11981
111.9	050°	TDZE	815
		Apt Elev	815

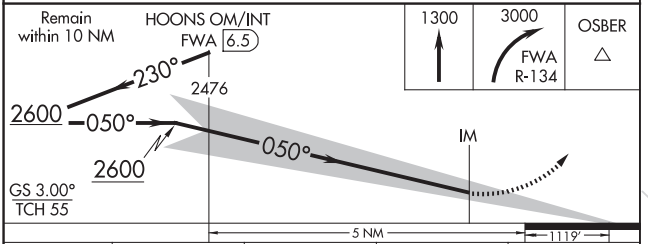
ASR

ALSF-2

MISSED APPROACH: Climb to 1300 then climbing right turn to 3000 on FWA R-134 to OSBER INT/FWA 22 DME and hold.

ATIS	FORT WAYNE APP CON	FORT WAYNE TOWER	GND CON	CLNC DEL
121.25 360.825	127.2 284.6	119.1 269.325	121.9 348.6	124.75

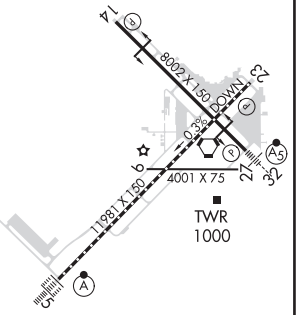




CATEGORY	A	B	C	D
S-ILS 5	RA 106/12 100 DA 915			

CATEGORY II ILS - SPECIAL AIRCREW & AIRCRAFT CERTIFICATION REQUIRED

ELEV 815 D TDZE 815



TDZ/CL Rwy 5
REIL Rwys 14 and 23
HIRL Rwys 5-23 and 14-32

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

RNAV (GPS) RWY 5

FORT WAYNE INTL (FWA)

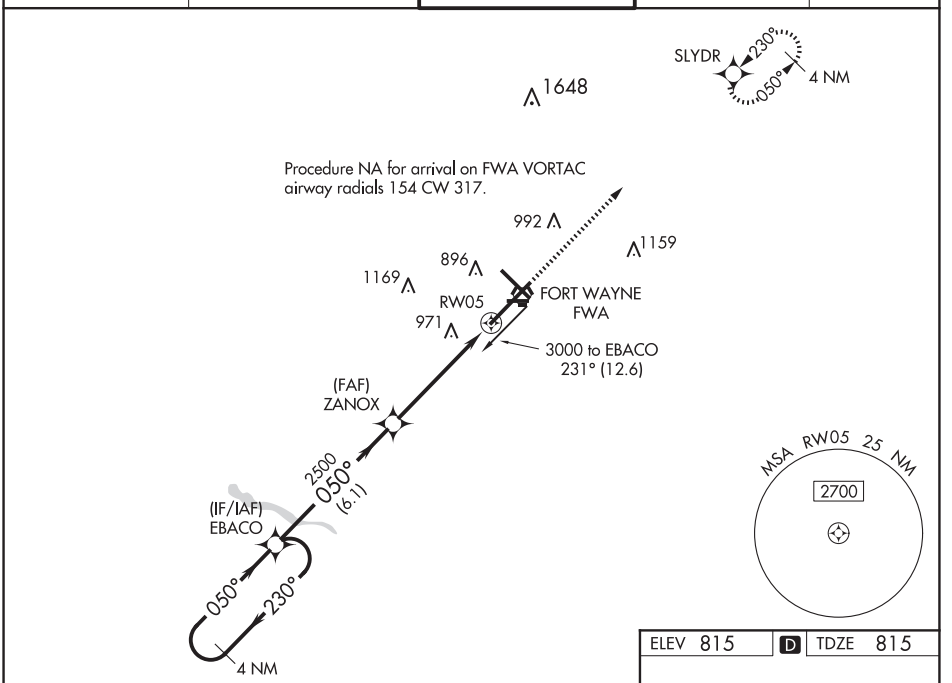
WAAS	APP CRS	Rwy Idg	11981
CH 93609	050°	TDZE	815
W05A		Apt Elev	815

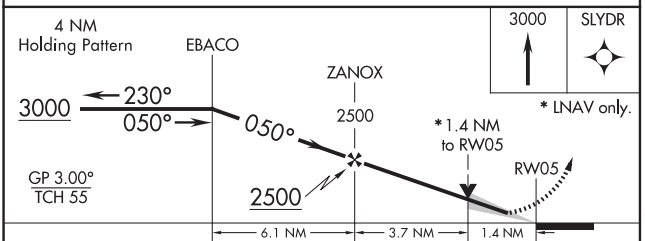
T A ASR — For uncompensated Baro-VNAV systems, procedure NA below -16°C (4°F) or above 47°C (116°F). DME/DME RNP-0.3 NA. For inop ALS, increase LPV Cat E visibility to RVR 4000, LNAV/VNAV all Cats visibility to 1½ SM and LNAV Cat C/D/E visibility to 1⅜ SM.

ALSF-2

MISSED APPROACH: Climb to 3000 direct SLYDR and hold.

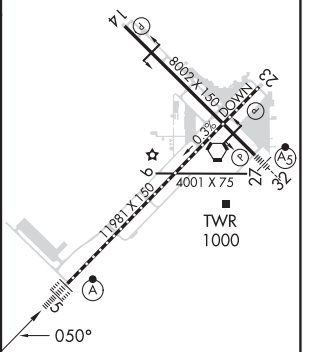
ATIS	FORT WAYNE APP CON	FORT WAYNE TOWER	GND CON	CLNC DEL
121.25 360.825	127.2 284.6	119.1 269.325	121.9 348.6	124.75





CATEGORY	A	B	C	D	E
LPV DA	1065/18 250 (300-½)				
LNAV/VNAV DA	1275/60 460 (500-1¼)				
LNAV MDA	1300/24 485 (500-½)		1300/50 485 (500-1)		
C CIRCLING	1300-1 485 (500-1)		1420-1¾ 605 (700-1¾)	1520-2¼ 705 (800-2¼)	1520-2½ 705 (800-2½)

ELEV 815 D TDZE 815



TDZ/CL Rwy 5
REIL Rwys 14 and 23
HIRL Rwys 5-23 and 14-32

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

FORT WAYNE, INDIANA | AL-156 (FAA) | 24249

RNAV (GPS) RWY 14

FORT WAYNE INTL (FWA)

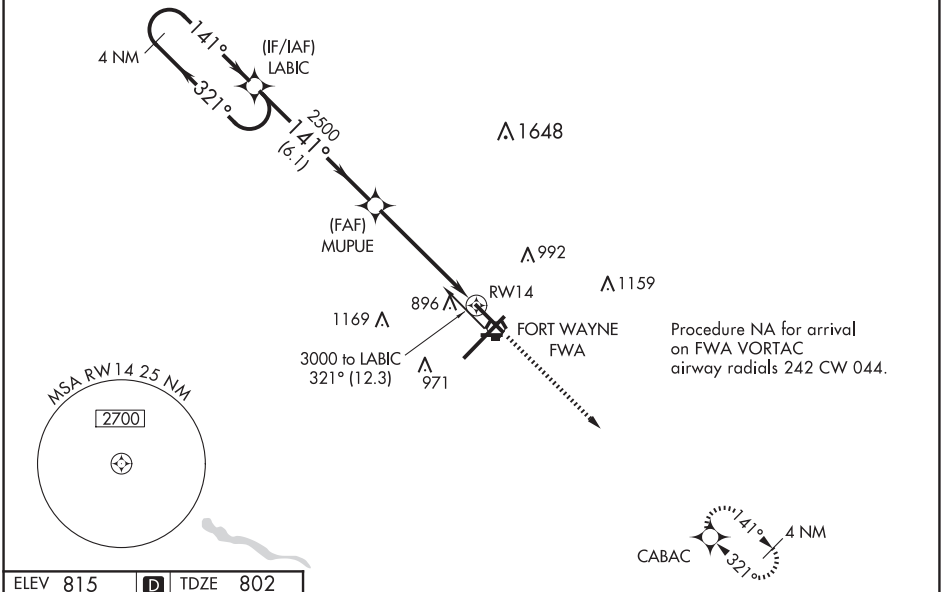
WAAS	APP CRS	Rwy Idg	8001
CH 86417	141°	TDZE	802
W14A		Apt Elev	815

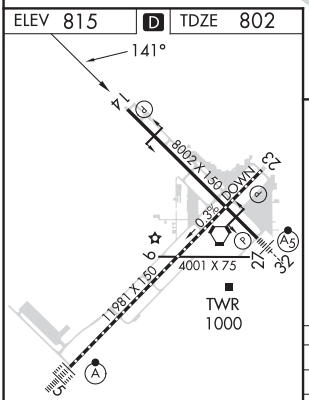
T A ASR

For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -16°C (4°F) or above 47°C (116°F). DME/DME RNP-0.3 NA.

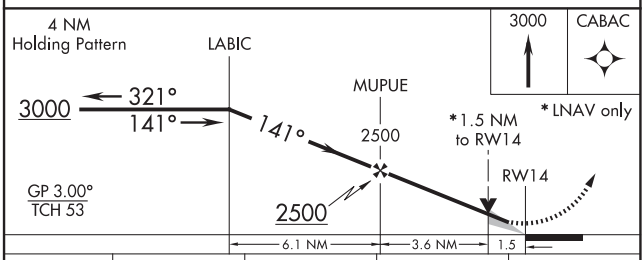
MISSED APPROACH: Climb to 3000 direct CABAC and hold.

ATIS	FORT WAYNE APP CON	FORT WAYNE TOWER	GND CON	CLNC DEL
121.25 360.825	127.2 284.6	119.1 269.325	121.9 348.6	124.75





TDZ/CL Rwy 5
REIL Rwys 14 and 23
HIRL Rwys 5-23 and 14-32



CATEGORY	A	B	C	D
LPV DA	1002-¾ 200 (200-¾)			
LNAV/VNAV DA	1199-1¼ 397 (400-1¼)			
LNAV MDA	1320-1 518 (600-1)		1320-1⅜ 518 (600-1⅜)	
C CIRCLING	1320-1 505 (600-1)		1420-1¾ 605 (700-1¾)	1520-2¼ 705 (800-2¼)

FORT WAYNE, INDIANA
Amdt 1A 27APR17

40°59′N-85°12′W

FORT WAYNE INTL (FWA)
RNAV (GPS) RWY 14

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

RNAV (GPS) RWY 23

FORT WAYNE INTL (FWA)

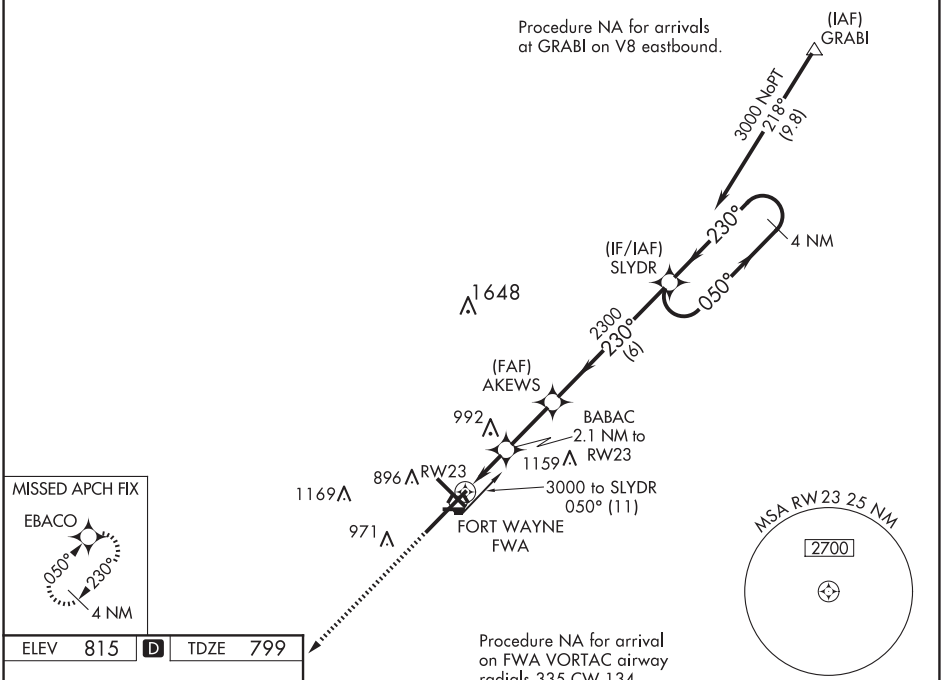
WAAS CH 69599 W23A	APP CRS 230°	Rwy Idg 11981 TDZE 799 Apt Elev 815

ASR

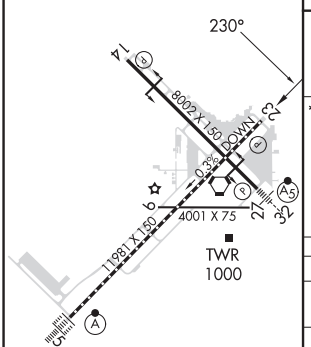
For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -16°C (4°F) or above 47°C (116°F). DME/DME RNP-0.3 NA.

MISSED APPROACH: Climb to 3000 direct EBACO and hold.

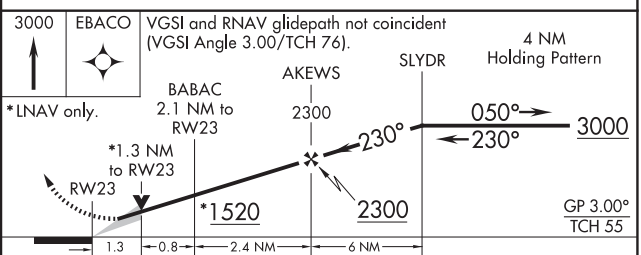
ATIS	FORT WAYNE APP CON	FORT WAYNE TOWER	GND CON	CLNC DEL
121.25 360.825	127.2 284.6	119.1 269.325	121.9 348.6	124.75



ELEV 815 D TDZE 799



TDZ/CL Rwy 5
REIL Rwys 14 and 23
HIRL Rwys 5-23 and 14-32



CATEGORY	A	B	C	D	E
LPV DA	1053/40 254 (300-¾)				
LNAV/VNAV DA	1230-1⅜ 431 (500-1⅜)				
LNAV MDA	1300/55 501 (500-1)		1300-1⅜ 501 (500-1⅜)		
C CIRCLING	1300-1 485 (500-1)		1420-1¾ 605 (700-1¾)	1520-2¼ 705 (800-2¼)	1520-2½ 705 (800-2½)

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

RNAV (GPS) RWY 32

FORT WAYNE INTL (FWA)

WAAS CH 82417 W32A	APP CRS 321°	Rwy Idg 8001 / TDZE 800 / Apt Elev 815

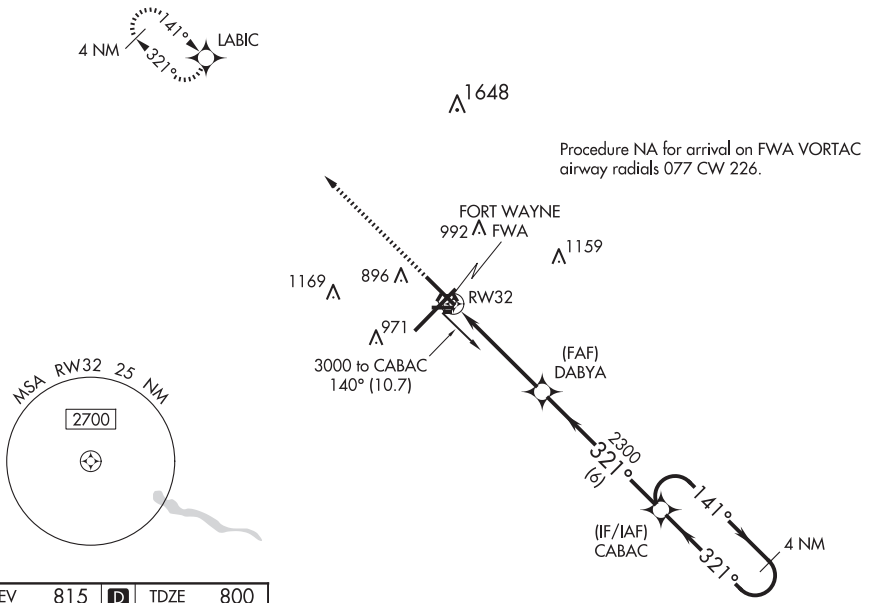
ASR

For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -16°C (4°F) or above 47°C (116°F).
DME/DME RNP-0.3 NA.
** RVR 1800 authorized with use of FD or AP or HUD to DA.

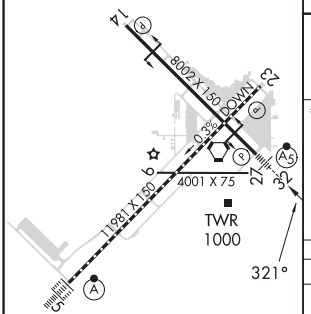
MALSR

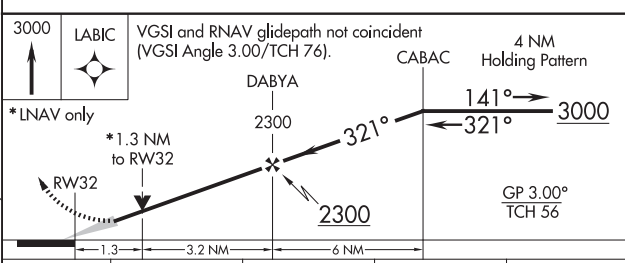
MISSED APPROACH: Climb to 3000 direct LABIC and hold.

ATIS	FORT WAYNE APP CON	FORT WAYNE TOWER	GND CON	CLNC DEL
121.25 360.825	127.2 284.6	119.1 269.325	121.9 348.6	124.75



ELEV 815 D TDZE 800





CATEGORY	A	B	C	D
LPV DA	**1000/24 200 (200-½)			
LNAV/VNAV DA	1250/50 450 (500-1)			
LNAV MDA	1280/24 480 (500-½)		1280/50 480 (500-1)	
C CIRCLING	1300-1 485 (500-1)		1420-1¾ 605 (700-1¾)	1520-2¼ 705 (800-2¼)

TDZ/CL Rwy 5
REIL Rwys 14 and 23
HIRL Rwys 5-23 and 14-32

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

VOR or TACAN RWY 5

FORT WAYNE INTL (FWA)

VORTAC FWA	APP CRS	Rwy Idg	11981
117.8	054°	TDZE	815
Chan 125		Apt Elev	815

DME or RADAR required.

For inop ALS, increase S-5 Cat C/D/E visibility to 1⅜ SM.

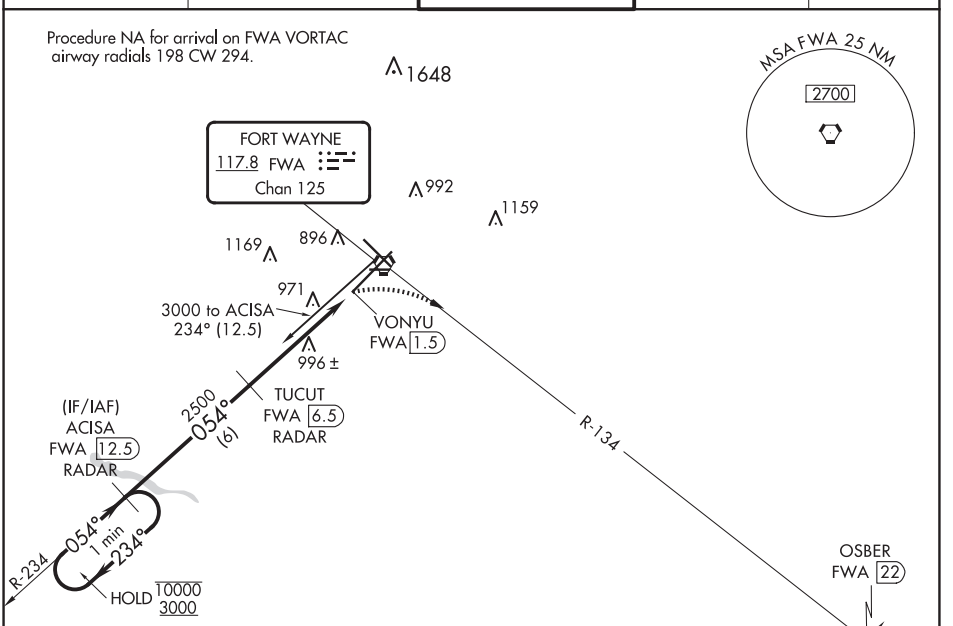
ASR

ALSF-2

MISSED APPROACH: Climbing right turn to 3000 on FWA VORTAC R-134 to OSBER INT/FWA 22 DME and hold.

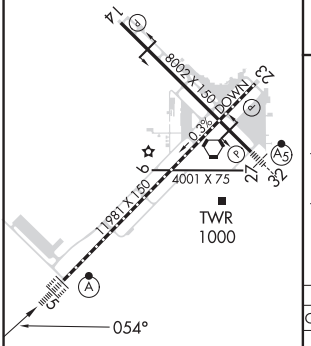
ATIS	FORT WAYNE APP CON	FORT WAYNE TOWER	GND CON	CLNC DEL
121.25 360.825	127.2 284.6	119.1 269.325	121.9 348.6	124.75

Procedure NA for arrival on FWA VORTAC airway radials 198 CW 294.



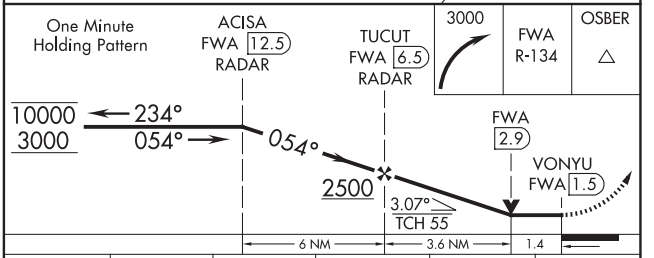
ELEV 815	D	TDZE 815

HIRL Rwys 5-23 and 14-32
REIL Rwys 14 and 23
TDZ/CL Rwy 5



FAF to MAP 5 NM

Knots	60	90	120	150	180
Min:Sec	5:00	3:20	2:30	2:00	1:40



CATEGORY	A	B	C	D	E
S-5	1320/24	505 (600-½)	1320/55	505 (600-1)	1320/60 505 (600-1¼)
C CIRCLING	1320-1	505 (600-1)	1360-1½ 545 (600-1½)	1520-2¼ 705 (800-2¼)	1520-2½ 705 (800-2½)

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

FORT WAYNE, INDIANA AL-156 (FAA) 24249

VOR or TACAN RWY 14

FORT WAYNE INTL (FWA)

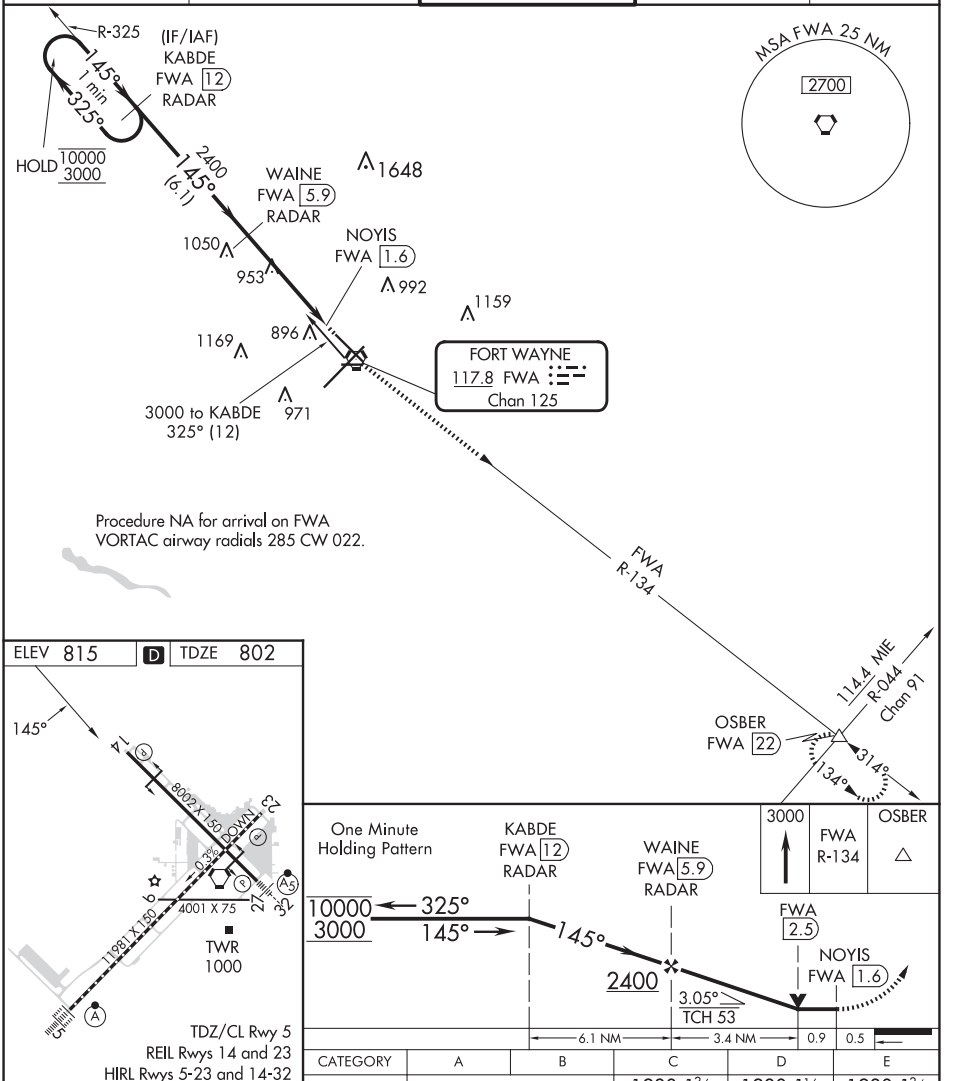
VORTAC FWA	APP CRS	Rwy Idg	8001
117.8	145°	TDZE	802
Chan 125		Apt Elev	815

DME or RADAR required.

ASR

MISSED APPROACH: Climb to 3000 on FWA R-134 to OSBER INT/FWA 22 DME and hold.

ATIS	FORT WAYNE APP CON	FORT WAYNE TOWER	GND CON	CLNC DEL
121.25 360.825	127.2 284.6	119.1 269.325	121.9 348.6	124.75



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	E
S-14	1280-1	478 (500-1)	1280-1⅜ 478 (500-1⅜)	1280-1½ 478 (500-1½)	1280-1¾ 478 (500-1¾)
C CIRCLING	1300-1	485 (500-1)	1360-1½ 545 (600-1½)	1520-2¼ 705 (800-2¼)	1520-2½ 705 (800-2½)

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

VORTAC FWA	APP CRS	Rwy Idg	11981
117.8	224°	TDZE	799
Chan 125		Apt Elev	815

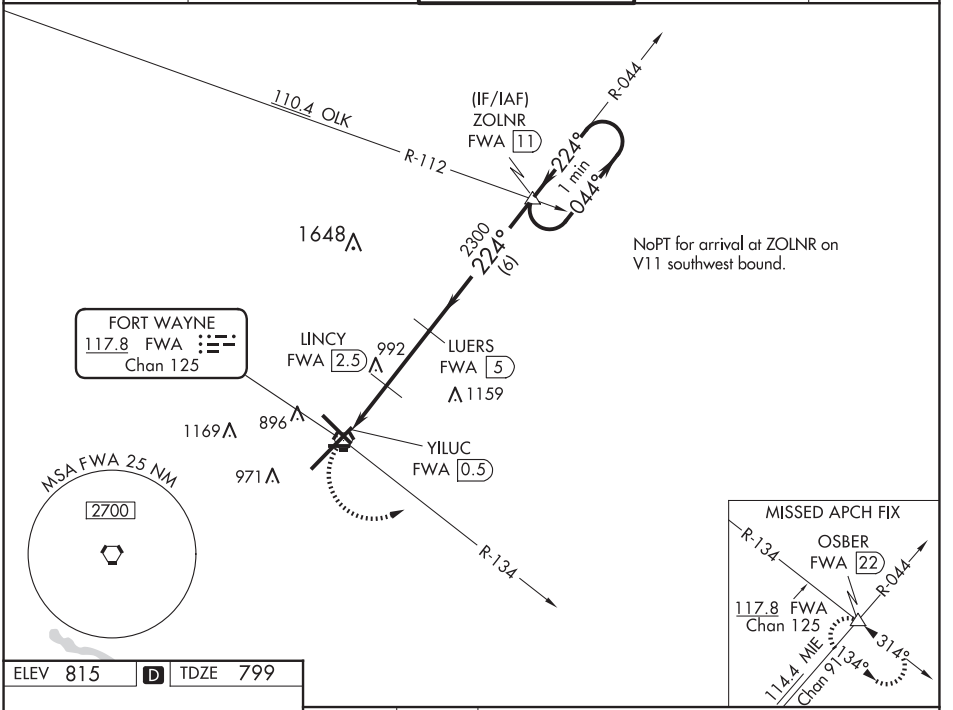
VOR or TACAN RWY 23

FORT WAYNE INTL (FWA)

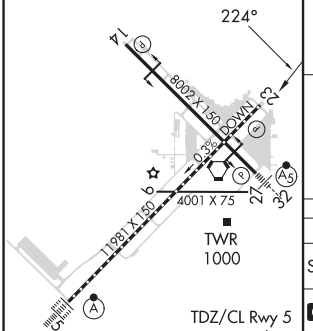
ASR

MISSED APPROACH: Climbing left turn to 3000 on FWA VORTAC R-134 to OSBER INT/FWA 22 DME and hold.

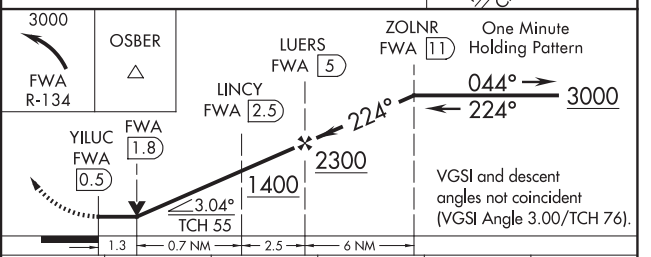
ATIS	FORT WAYNE APP CON	FORT WAYNE TOWER	GND CON	CLNC DEL
121.25 360.825	127.2 284.6	119.1 269.325	121.9 348.6	124.75



ELEV 815 D TDZE 799



TDZ/CL Rwy 5
REIL Rwys 14 and 23
HIRL Rwys 5-23 and 14-32



CATEGORY	A	B	C	D	E
S-23	1400/55	601 (600-1)	1400-1¾	601 (600-1¾)	
C CIRCLING	1400-1	585 (600-1)	1420-1¾ 605 (700-1¾)	1520-2¼ 705 (800-2¼)	1520-2½ 705 (800-2½)
LINCY FIX MINIMUMS					
S-23	1300/55	501 (500-1)	1300-1⅜	501 (500-1⅜)	
C CIRCLING	1300-1	485 (500-1)	1420-1¾ 605 (700-1¾)	1520-2¼ 705 (800-2¼)	1520-2½ 705 (800-2½)

FAF to MAP 4.5 NM

Knots	60	90	120	150	180
Min:Sec	4:30	3:00	2:15	1:48	1:30

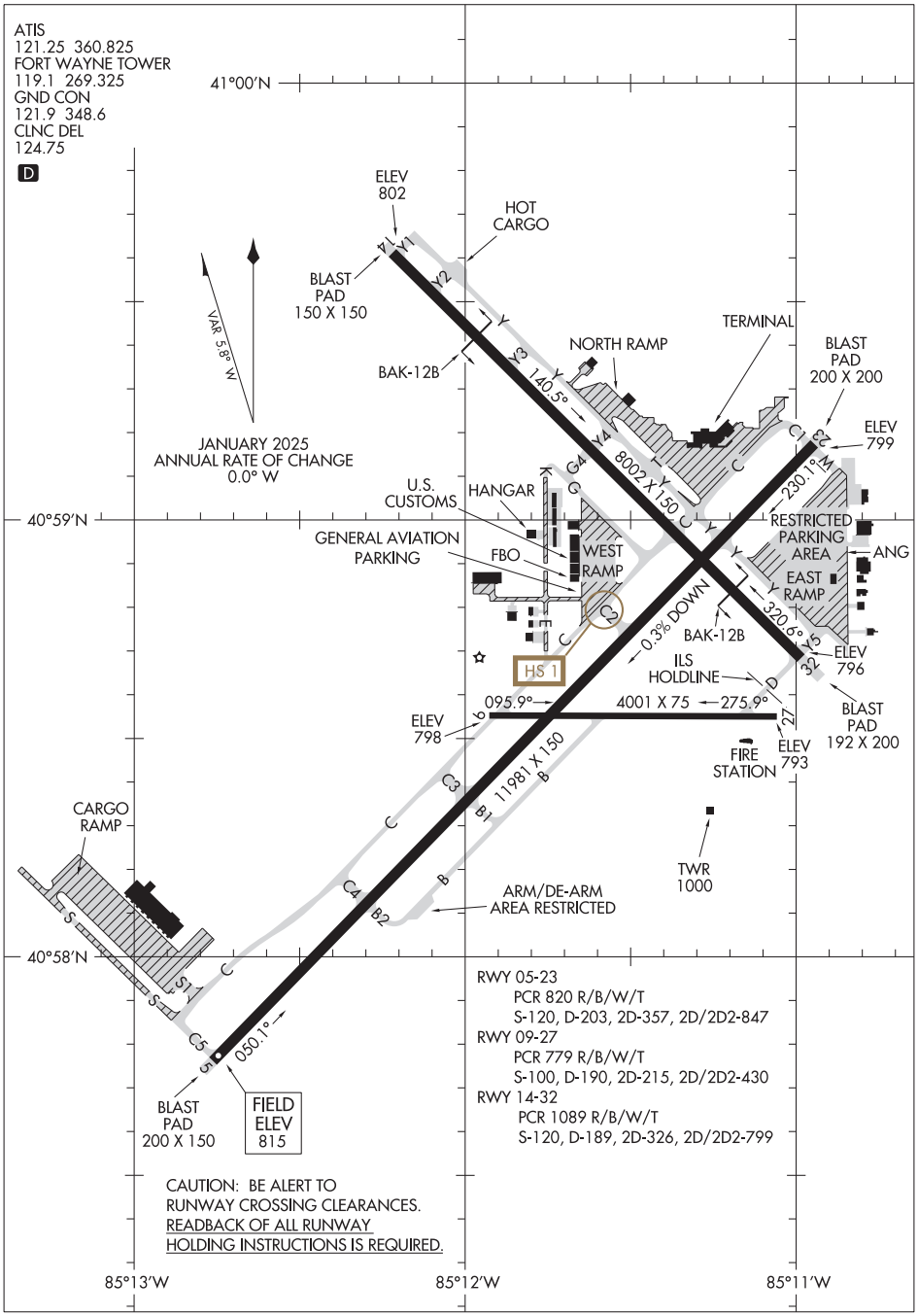
EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

25107

AIRPORT DIAGRAM

AL-156 (FAA)

FORT WAYNE INTL (FWA)
FORT WAYNE, INDIANA



EC-2, 12 JUN 2025 to 07 AUG 2025

EC-2, 12 JUN 2025 to 07 AUG 2025

AIRPORT DIAGRAM
25107
FORT WAYNE, INDIANA
FORT WAYNE INTL (FWA)

APP CRS	Rwy Ldg	2925
056°	TDZE	834
	Apt Elev	836

RNAV (GPS) RWY 5

SMITH FLD (SMD)

RNP APCH - GPS.

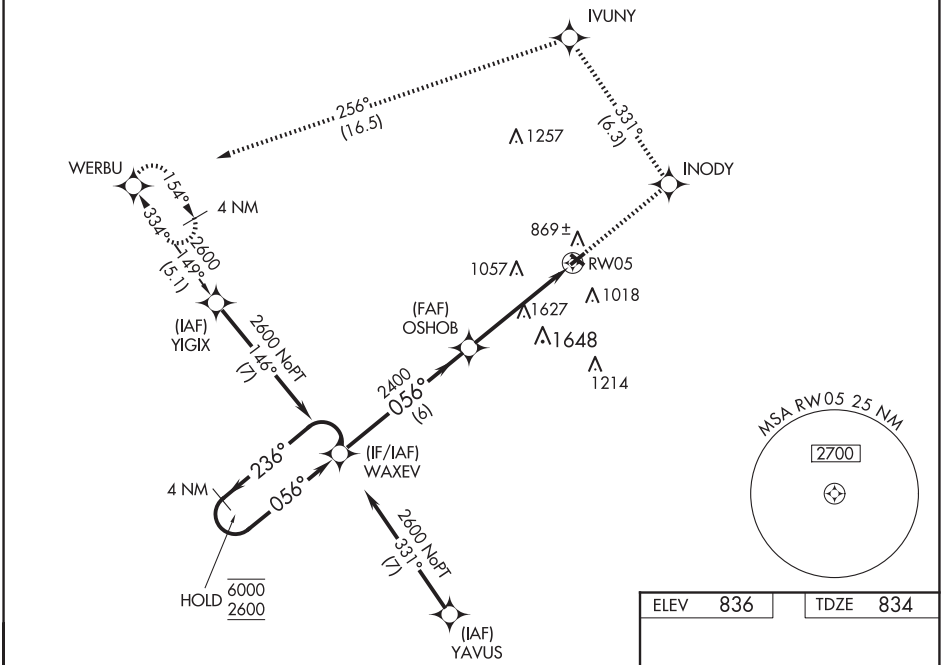
Rwy 5 helicopter visibility reduction below ¾ NA. Circling to Rwy 13/31 NA at night. When local altimeter setting not received, use FWA altimeter setting and increase all MDAs 40 feet. VDP NA with FWA altimeter setting.

NA

-22°C

MISSED APPROACH: Climb to 2700 direct INODY and on track 331° to IVUNY and on track 256° to WERBU and hold.

AWOS-3	FORT WAYNE APP CON	UNICOM
124.55	127.2 284.6	122.8 (CTAF) L

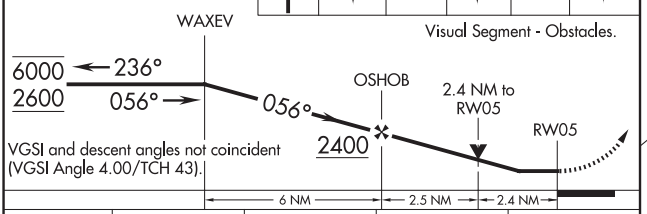


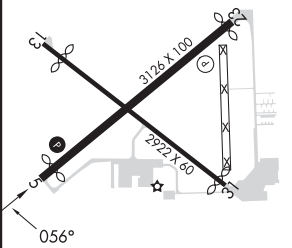
ELEV	836	TDZE	834

4 NM Holding Pattern

2700	INODY	tr 331°	IVUNY	tr 256°	WERBU

Visual Segment - Obstacles.





CATEGORY	A	B	C	D
LNAV MDA	1880-1¼ 1046 (1100-1¼)	1880-1½ 1046 (1100-1½)	1880-3 1046 (1100-3)	NA
C CIRCLING	1880-1¼ 1044 (1100-1¼)	1880-1½ 1044 (1100-1½)	1940-3 1104 (1200-3)	NA

MIRL Rwys 5-23 and 13-31 L

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

FORT WAYNE, INDIANA | AL-157 (FAA) | 25163

RNAV (GPS) RWY 13

SMITH FLD (SMD)

WAAS	APP CRS	Rwy Ldg	2623
CH 69220	133°	TDZE	836
W13A		Apt Elev	836

RNP APCH.

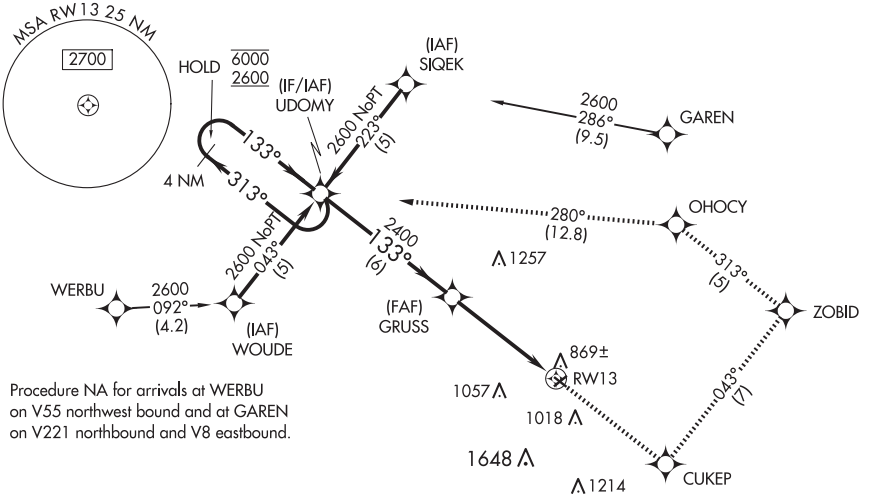
NA

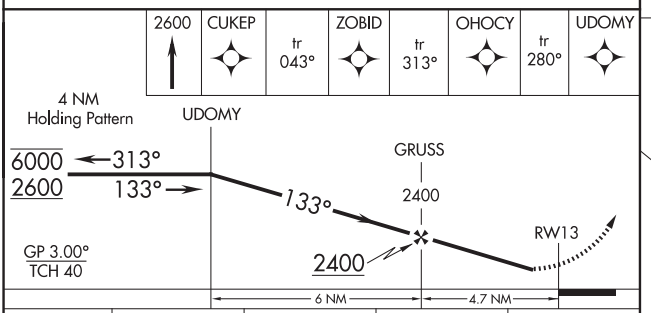
-22°C

Procedure NA at night. Rwy 13 helicopter visibility reduction below 1 SM NA. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -16°C or above 54°C. When local altimeter setting not received, use Fort Wayne Intl altimeter setting: increase LPV DA to 1162 feet; LNAV/VNAV DA to 1435 feet; increase all MDA 40 feet and LNAV Cat C visibility ¼ SM. Baro-VNAV NA when using Fort Wayne Intl altimeter setting.

MISSED APPROACH: Climb to 2600 direct CUKEP and on track 043° to ZOBID and on track 313° to OHOCY and on track 280° to UDOMY and hold.

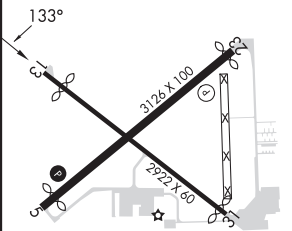
AWOS-3	FORT WAYNE APP CON	UNICOM
124.55	127.2 284.6	122.8 (CTAF) L





CATEGORY	A	B	C	D
LPV DA	1135-1 299 (300-1)			NA
LNAV/VNAV DA	1408-2 572 (600-2)			NA
LNAV MDA	1340-1 504 (600-1)		1340-1½ 504 (600-1½)	NA
C CIRCLING	1400-1 564 (600-1)		1940-3 1104 (1200-3)	NA

ELEV 836 | TDZE 836



MIRL Rwys 5-23 and 13-31 L

FORT WAYNE, INDIANA
Orig-A 20JUN19

41°09′N-85°09′W

SMITH FLD (SMD)

RNAV (GPS) RWY 13

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

RNAV (GPS) RWY 23

SMITH FLD (SMD)

WAAS CH 65738 W23A	APP CRS 236°	Rwy Ldg 3035 TDZE 834 Apt Elev 836

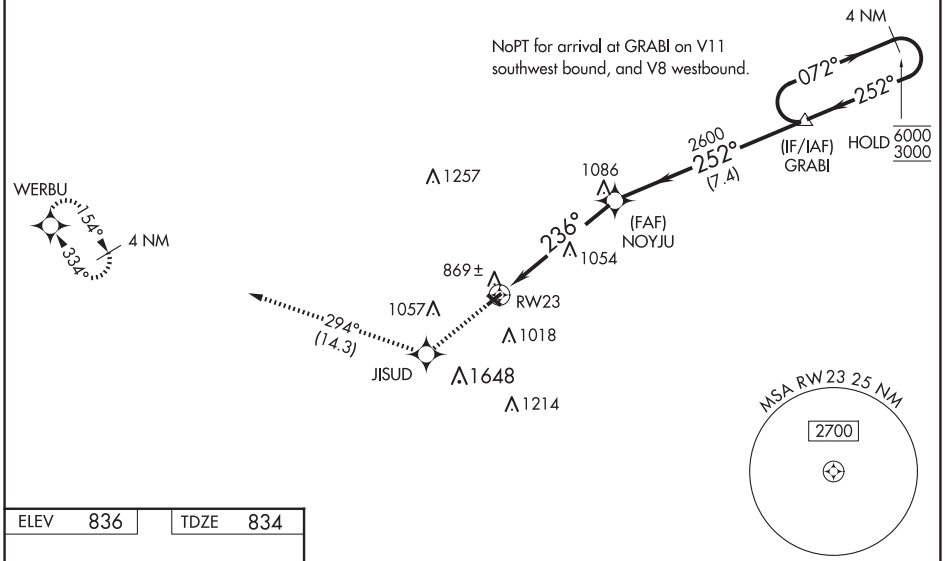
RNP APCH - GPS.

T NA -22°C

Rwy 23 helicopter visibility reduction below 1 SM NA. Circling to Rwy 13/31 NA at night. When local altimeter setting not received, use FWA altimeter setting and increase all MDAs 40 feet and LNAV visibility Cat C 1⅛ SM and LP visibility Cat C 1⅛ SM.

MISSED APPROACH: Climb to 2700 direct JISUD and on track 294° to WERBU and hold.

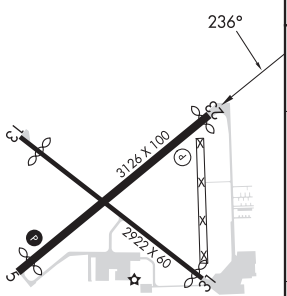
AWOS-3	FORT WAYNE APP CON	UNICOM
124.55	127.2 284.6	122.8 (CTAF) L



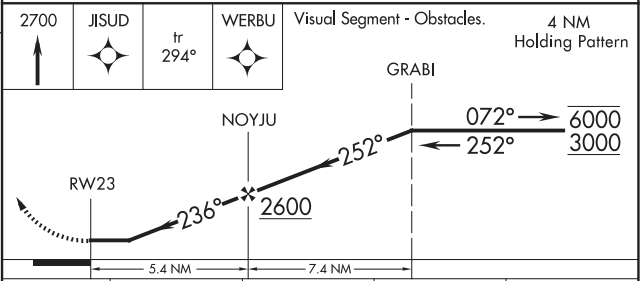
EC-2, 12 JUN 2025 to 07 AUG 2025

EC-2, 12 JUN 2025 to 07 AUG 2025

ELEV 836 TDZE 834



MIRL Rwys 5-23 and 13-31 L



CATEGORY	A	B	C	D
LP MDA	1360-1	526 (600-1)	1360-1½ 526 (600-1½)	NA
LNAV MDA	1400-1	566 (600-1)	1400-1⅝ 566 (600-1⅝)	NA
C CIRCLING	1400-1	564 (600-1)	1940-3 1104 (1200-3)	NA

FORT WAYNE, INDIANA | AL-157 (FAA) | 25163

RNAV (GPS) RWY 31

SMITH FLD (SMD)

WAAS	APP CRS	Rwy Ldg	2821
CH 77638	313°	TDZE	836
W31A		Apt Elev	836

T NA -22°C

Rwy 31 helicopter visibility reduction below 1 SM NA. DME/DME RNP-0.3 NA. Procedure NA at night. When local altimeter setting not received, use Fort Wayne Intl altimeter setting and increase all MDA 40 feet, LP Cat C visibility ¼ SM and LNAV Cat C visibility ⅛ SM.

MISSED APPROACH: Climb to 2700 direct GRUSS and on track 273° to WERBU and hold.

AWOS-3	FORT WAYNE APP CON	UNICOM
124.55	127.2 284.6	122.8 (CTAF) L

MISSED APCH FIX

WERBU 154° 334° 4 NM

MSA RW31 25 NM

2700

1257

273° (12.1)

GRUSS

869±

RW31

1057

1018

YIPLU 2 NM to RW31

1648

1107

1171

1214

(FAF) OPOBY

2600 313° (6.1)

133° 313° 4 NM

(IF/IAF) KOKTE

Procedure NA for arrivals at TWERP on V8 eastbound and V422 eastbound.

(IAF) TWERP

2600 NoPT 254° (21.2)

FORT WAYNE FWA

2600 081° (11.1)

Procedure NA for arrival on FWA VORTAC airway radials 022 CW 174.

2600 NoPT 343° (17.5)

(IAF) OSBER

ELEV 836 | TDZE 836

3126 X 100

2922 X 60

313°

MIRL Rwys 5-23 and 13-31 L

2700	GRUSS	tr 273°	WERBU	Visual Segment - Obstacles.

OPOBY KOKTE 4 NM Holding Pattern

YIPLU 2 NM to RW31

313° 2600 133° 313° 2600

RW31 1500

2 NM 3.3 NM 6.1 NM

CATEGORY	A	B	C	D
LP MDA	1240-1 404 (500-1)		1240-1⅛ 404 (500-1⅛)	NA
LNAV MDA	1260-1 424 (500-1)		1260-1¼ 424 (500-1¼)	NA
C CIRCLING	1400-1 564 (600-1)		1940-3 1104 (1200-3)	NA

FORT WAYNE, INDIANA
Amdt 1A 25MAY17

41°09′N-85°09′W

SMITH FLD (SMD)

RNAV (GPS) RWY 31

EC-2, 12 JUN 2025 to 07 AUG 2025

EC-2, 12 JUN 2025 to 07 AUG 2025

VOR RWY 13

SMITH FLD (SMD)

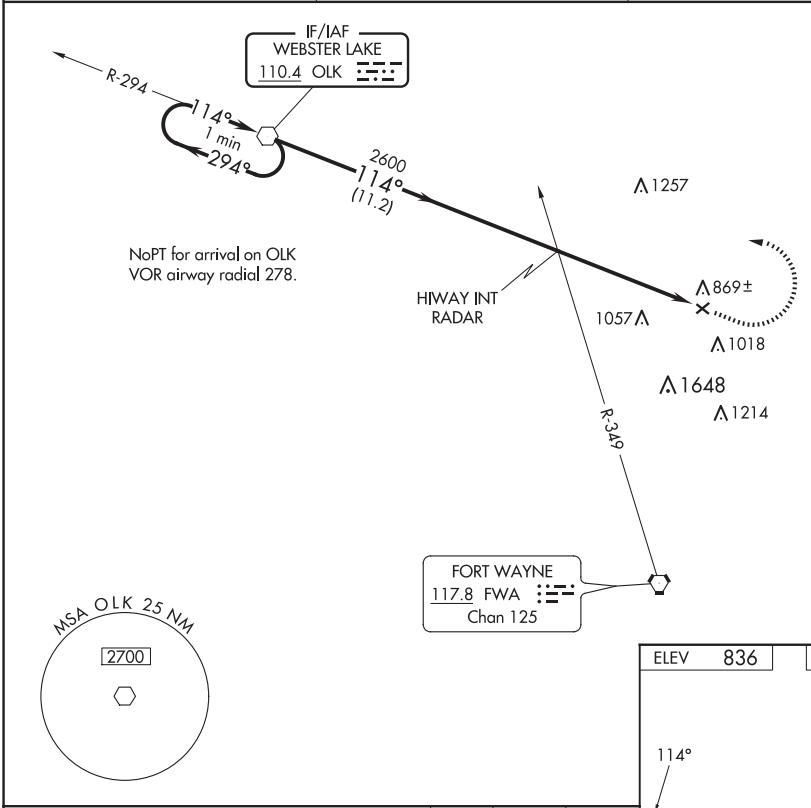
VOR OLK	APP CRS	Rwy Idg	2623
110.4	114°	TDZE	836
		Apt Elev	836

T
NA
-22°C

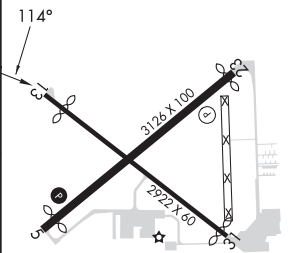
Rwy 13 helicopter visibility reduction below 1 SM NA. Procedure NA at night. When local altimeter setting not received, use Fort Wayne Intl altimeter setting and increase all MDA 40 feet and S-13 Cat C visibility ⅛ SM.

MISSED APPROACH: Climb to 1900 then climbing left turn to 2700 direct OLK VOR and hold.

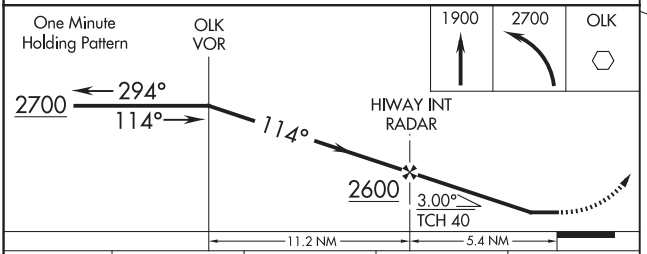
AWOS-3	FORT WAYNE APP CON	UNICOM
124.55	127.2 284.6	122.8 (CTAF) L



ELEV	836	TDZE	836



MIRL Rwys 5-23 and 13-31 L



CATEGORY	A	B	C	D
S-13	1360-1	524 (600-1)	1360-1½ 524 (600-1½)	NA
C CIRCLING	1400-1	564 (600-1)	1940-3 1104 (1200-3)	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

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

RNAV (GPS) RWY 9

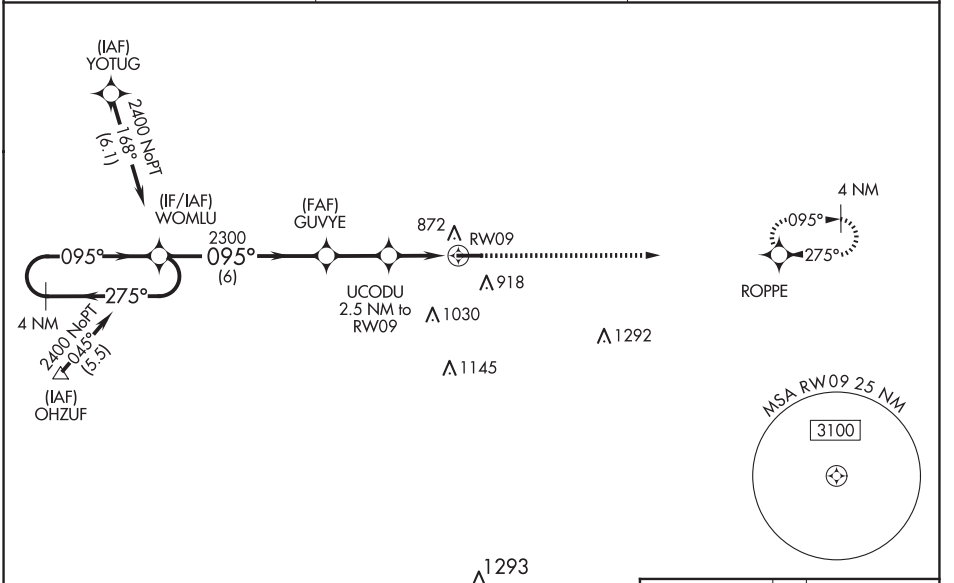
DONALD P MILLER (FZI)

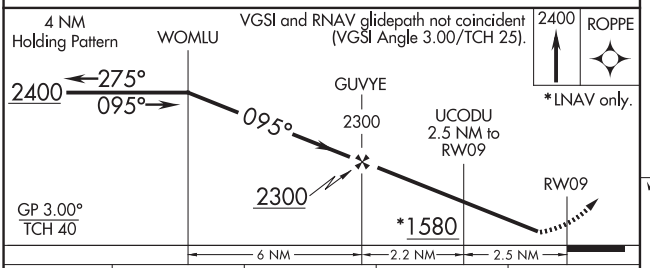
WAAS	APP CRS	Rwy Ldg	5005
CH 53529	095°	TDZE	752
W09A		Apt Elev	752

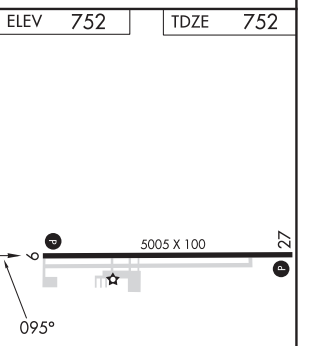
DME/DME RNP-0.3 NA. Visibility reduction by helicopters NA. Baro-VNAV NA when using Findlay altimeter setting. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -16°C (4°F) or above 54°C (130°F). When local altimeter setting not received, use Findlay altimeter setting and increase LPV DA to 1122 feet and all visibilities ⅛ SM; increase LNAV/VNAV DA to 1121 feet and all visibilities ⅛ SM; increase all MDAs 60 feet and LNAV Cat C visibility ⅛ SM, increase Circling Cat C visibility ¼ SM. When VGSI inop, Straight-in/Circling Rwy 9 procedure NA at night.

MISSED APPROACH: Climb to 2400 direct ROPPE and hold.

AWOS-3	TOLEDO APP CON	UNICOM
124.625	126.1 307.0	122.7 (CTAF) L







CATEGORY	A	B	C	D
LPV DA	1075-1⅛ 323 (400-1⅛)			NA
LNAV/VNAV DA	1074-1⅛ 322 (400-1⅛)			NA
LNAV MDA	1180-1 428 (500-1)		1180-1¼ 428 (500-1¼)	NA
CIRCLING	1280-1 528 (600-1)	1320-1 568 (600-1)	1400-1¾ 648 (700-1¾)	NA

REIL Rwys 9 and 27 L
MIRL Rwy 9-27 L

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

RNAV (GPS) RWY 27

DONALD P MILLER (FZI)

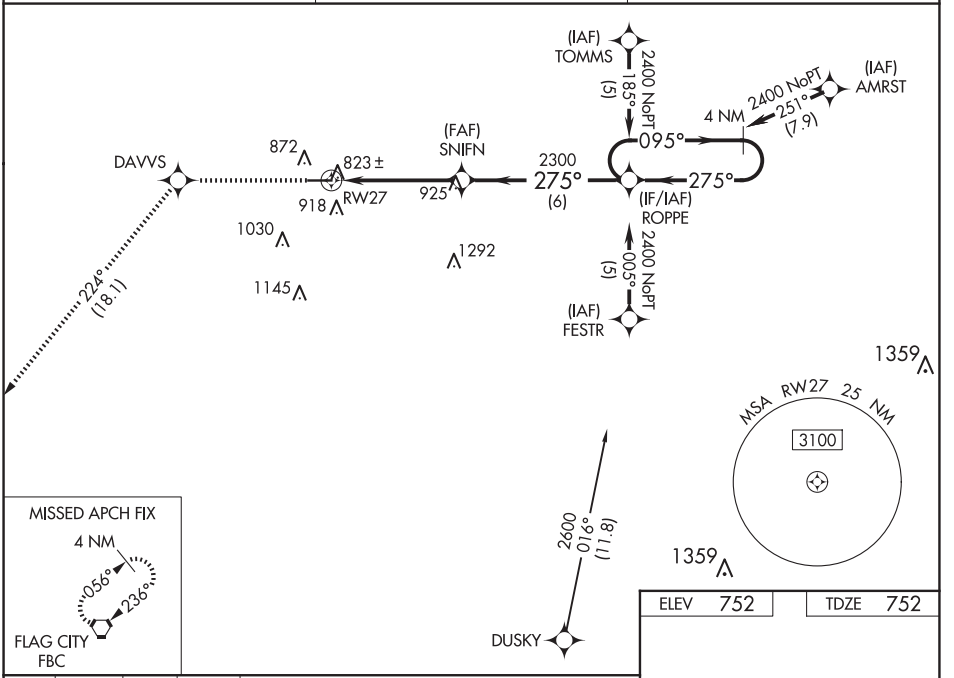
WAAS	APP CRS	Rwy Ldg	5005
CH 45819	275°	TDZE	752
W27A		Apt Elev	752

RNP APCH.

T NA For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -16°C (4°F) or above 54°C (130°F). Baro-VNAV and VDP NA when using Findlay altimeter setting. When local altimeter setting not received, use Findlay altimeter setting and increase all DA 47 feet and all MDA 60 feet, increase LNAV/VNAV all Cats and Circling Cat C visibility ¼ mile.

MISSED APPROACH: Climb to 2500 direct DAVVS and on track 224° to FBC VORTAC and hold.

AWOS-3	TOLEDO APP CON	UNICOM
124.625	126.1 307.0	122.7 (CTAF) L



CATEGORY	A	B	C	D
LPV DA	1002-1 250 (300-1)			NA
LNAV/VNAV DA	1131-1¼ 379 (400-1¼)			NA
LNAV MDA	1160-1 408 (500-1)		1160-1¼ 408 (500-1¼)	NA
CIRCLING	1280-1 528 (600-1)	1320-1 568 (600-1)	1400-1¾ 648 (700-1¾)	NA

REIL Rwys 9 and 27 L
MIRL Rwy 9-27 L

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

FOSTORIA, OHIO | AL-6133 (FAA) | 25163

VOR-A

DONALD P MILLER (FZI)

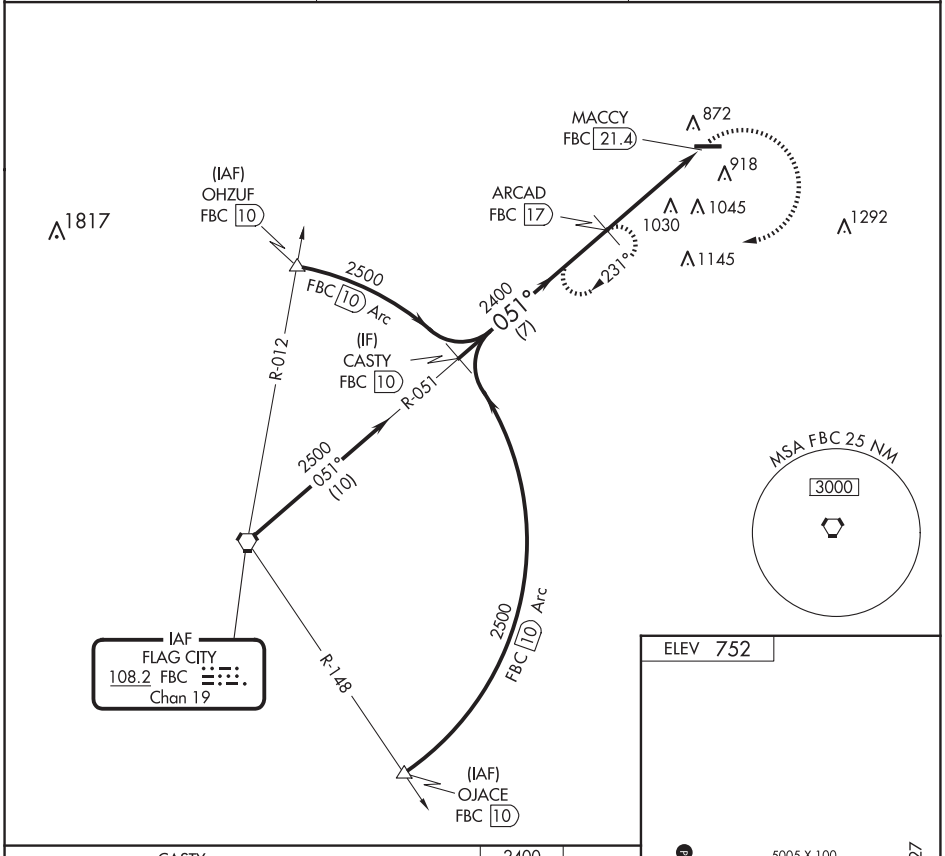
VORTAC FBC	APP CRS	Rwy Ldg	N/A
108.2	051°	TDZE	N/A
Chan 19		Apt Elev	752

DME required.

When local altimeter setting not received, use Findlay altimeter setting and increase all MDA 60 feet, and increase Cat C visibility ¼ mile.

MISSED APPROACH: Climbing right turn to 2400 on FBC VORTAC R-051 to ARCAD/FBC 17 DME and hold.

AWOS-3	TOLEDO APP CON	UNICOM
124.625	126.1 307.0	122.7 (CTAF) L



CATEGORY	A	B	C	D
C CIRCLING	1400-1	1400-1¼	1400-1¾	NA
	648 (700-1)	648 (700-1¼)	648 (700-1¾)	

FAF to MAP 4.4 NM

Knots	60	90	120	150	180
Min:Sec	4:24	2:56	2:12	1:46	1:28

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

WAAS	APP CRS	Rwy Idg	5000
CH 62834	092°	TDZE	856
W09A		Apt Elev	861

RNAV (GPS) RWY 9

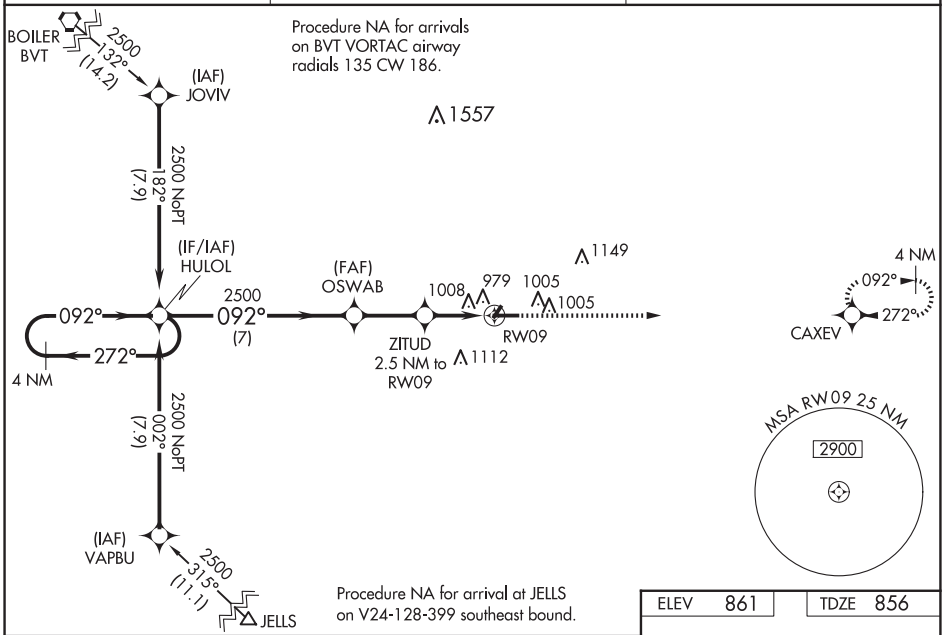
FRANKFORT CLINTON COUNTY RGNL (FKR)

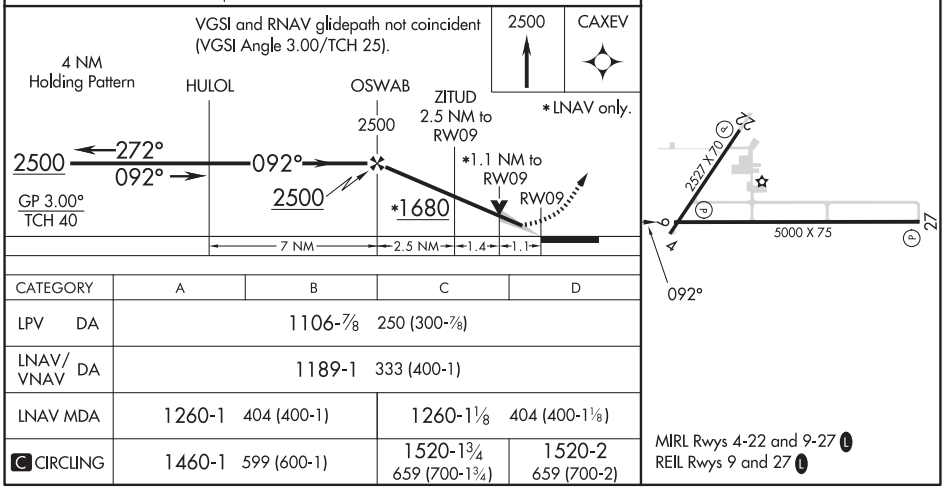
T NA

Baro-VNAV NA when using Indianapolis Exec altimeter setting. 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. VDP NA with Indianapolis Exec altimeter setting. When local altimeter setting not received, use Indianapolis Exec altimeter setting: increase LPV DA to 1162 feet and visibility ⅛ SM all Cats; increase LNAV/VNAV DA to 1245 feet and visibility ⅛ SM all Cats; increase all MDAs 60 feet and LNAV and Circling Cats C/D visibilities ¼ SM.

MISSED APPROACH: Climb to 2500 direct CAXEV and hold.

AWOS-3	GRISSOM APP CON ★	UNICOM
124.325	123.85 291.675	123.0 (CTAF) L





CATEGORY	A	B	C	D
LPV DA	1106-⅞ 250 (300-⅞)			
LNAV/VNAV DA	1189-1 333 (400-1)			
LNAV MDA	1260-1 404 (400-1)		1260-1⅛ 404 (400-1⅛)	
C CIRCLING	1460-1 599 (600-1)		1520-1¾ 659 (700-1¾)	1520-2 659 (700-2)

MIRL Rwys 4-22 and 9-27 L
REIL Rwys 9 and 27 L

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

FRANKFORT, INDIANA | AL-6194 (FAA) | 23278

WAAS	APP CRS	Rwy Idg	5000
CH 65734	272°	TDZE	861
W27A		Apt Elev	861

RNAV (GPS) RWY 27

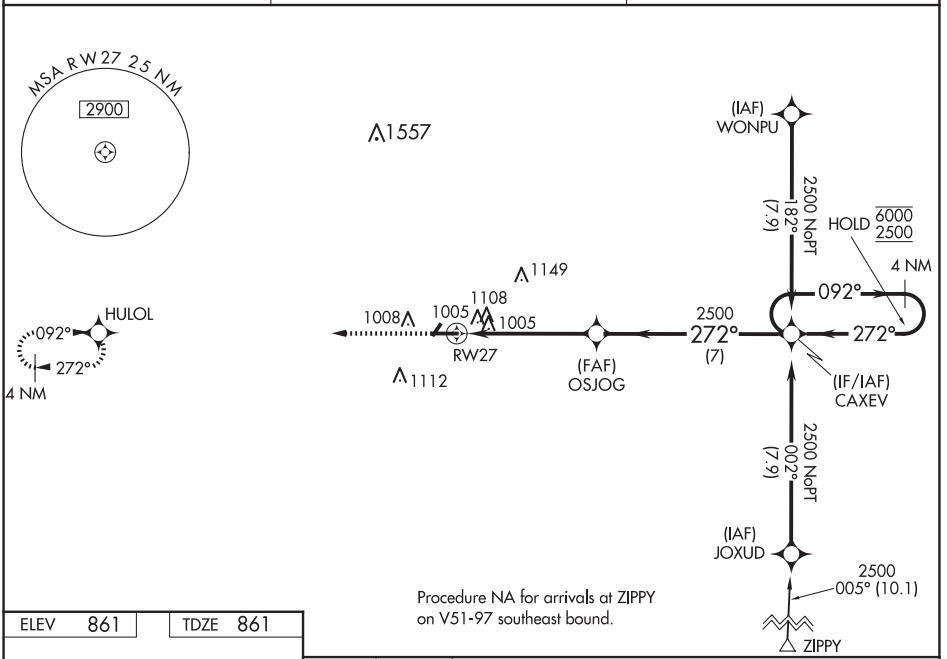
FRANKFORT CLINTON COUNTY RGNL (FKR)

RNP APCH - GPS.

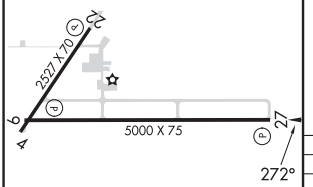
Circling Rwy 4, 22 NA at night. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -16°C or above 54°C.

MISSED APPROACH: Climb to 2500 direct HULOL and hold.

AWOS-3	GRISSOM APP CON ★	UNICOM
124.325	123.85 291.675	123.0 (CTAF) L



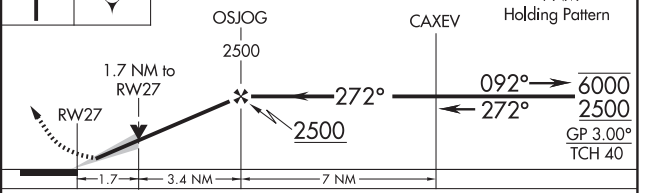
ELEV 861 | TDZE 861



MIRL Rwys 9-27 and 4-22 L
REIL Rwys 9 and 27 L

2500 | HULOL

VGSI and RNAV glidepath not coincident (VGSI Angle 3.00/TCH 25).



CATEGORY	A	B	C	D
LPV DA	1111-¾ 250 (300-¾)			
LNAV/VNAV DA	1476-1¾ 615 (700-1¾)			
LNAV MDA	1420-1 559 (600-1)		1420-1⅝ 559 (600-1⅝)	
C CIRCLING	1460-1 599 (600-1)		1520-1¾ 659 (700-1¾)	1520-2 659 (700-2)

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

RNAV (GPS) RWY 9

FREMONT (14G)

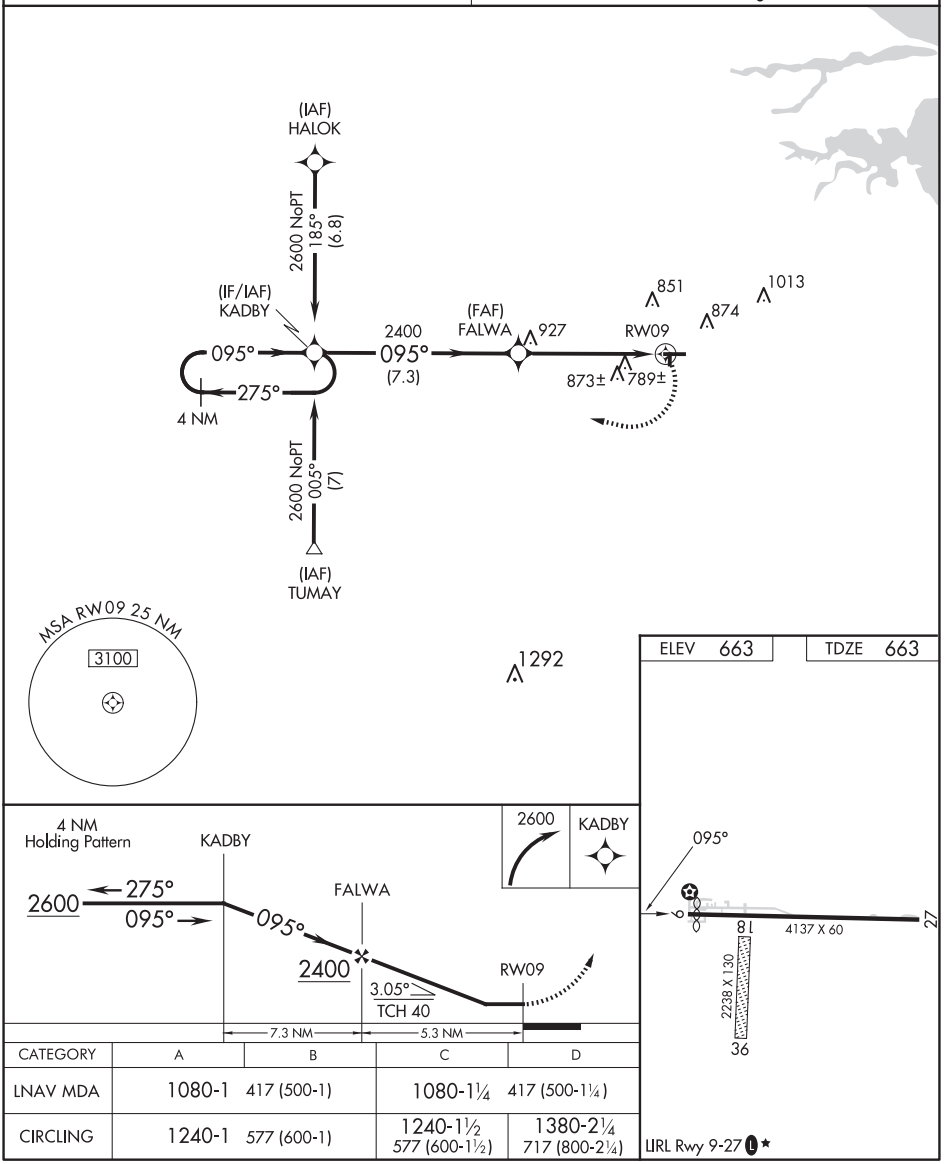
APP CRS	Rwy Idg	4011
095°	TDZE	663
	Apt Elev	663

RNP APCH.

T A NA Procedure NA at night. Use Sandusky County Rgnl altimeter setting; when not received use Toledo Executive altimeter setting: increase all MDA 40 feet and LNAV Cat D and Circling Cat C and D visibility ¼ SM. Rwy 9 helicopter visibility reduction below 1 SM NA. Circling NA to Rwys 18-36.

MISSED APPROACH: Climbing right turn to 2600 direct KADBY and hold.

TOLEDO APP CON	UNICOM
126.1 307.0	122.8 (CTAF) L



CATEGORY	A	B	C	D
LNAV MDA	1080-1	417 (500-1)	1080-1¼	417 (500-1¼)
CIRCLING	1240-1	577 (600-1)	1240-1½ 577 (600-1½)	1380-2¼ 717 (800-2¼)

LIRL Rwy 9-27 L ★

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

FREMONT, OHIO | AL-9372 (FAA) | 25163

WAAS	APP CRS	Rwy Idg	5500
CH 63022	067°	TDZE	665
W06A		Apt Elev	665

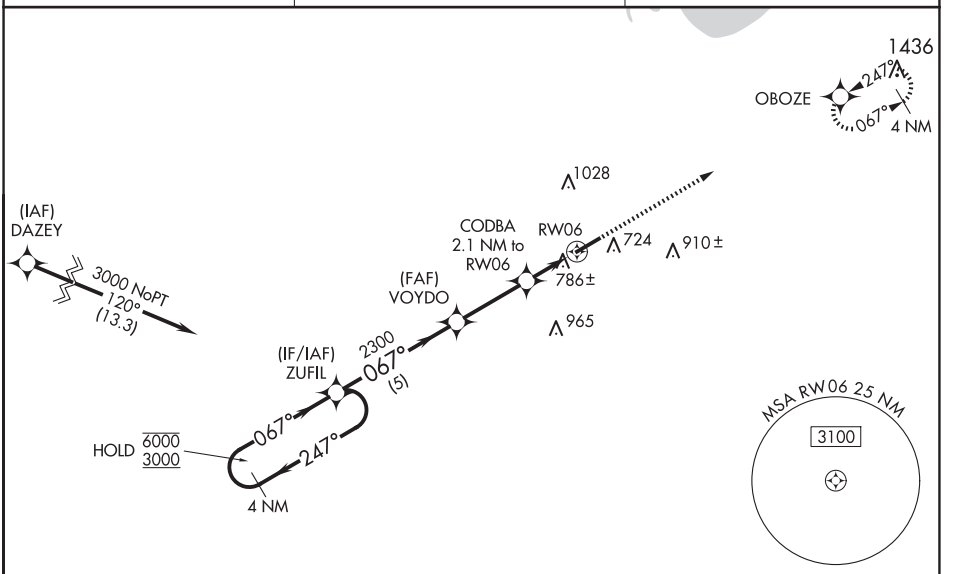
RNAV (GPS) RWY 6
SANDUSKY COUNTY RGNL (S24)

RNP APCH - GPS.

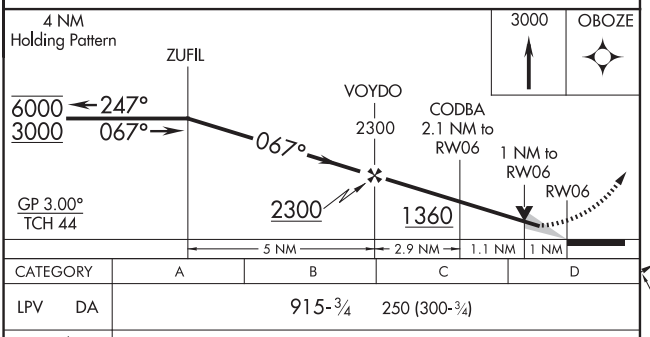
T A — Baro-VNAV and VDP NA when using TOL altimeter setting. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -16°C or above 54°C. When local altimeter setting not received, use TOL altimeter setting: increase LPV DA to 1008 feet and all visibilites ⅜ SM; increase LNAV/VNAV DA to 1041 feet and all visibilities ⅜ SM; increase all MDA 100 feet and LNAV visibility Cat C and D ⅜ SM and Circling visibility Cat C and D ½ SM.

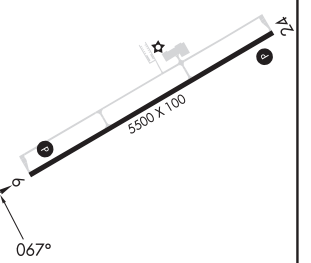
MISSED APPROACH: Climb to 3000 direct OBOZE and hold.

AWOS-3P	TOLEDO APP CON	UNICOM
119.575	126.1 307.0	123.05 (CTAF) L



ELEV 665 | TDZE 665





CATEGORY	A	B	C	D
LPV DA	915-¾	250 (300-¾)		
LNAV/VNAV DA	948-⅞	283 (300-⅞)		
LNAV MDA	1040-1	375 (400-1)		
C CIRCLING	1120-1 455 (500-1)	1160-1 495 (500-1)	1380-2 715 (800-2)	1380-2¼ 715 (800-2¼)

REIL Rwys 6 and 24 L
MIRL Rwy 6-24 L

EC-2, 12 JUN 2025 to 07 AUG 2025

EC-2, 12 JUN 2025 to 07 AUG 2025

FREMONT, OHIO
Amdt 1C 12JUN25

41°18′N-83°02′W

SANDUSKY COUNTY RGNL (S24)
RNAV (GPS) RWY 6

WAAS	APP CRS	Rwy Idg	5500
CH 42822	247°	TDZE	665
W24A		Apt Elev	665

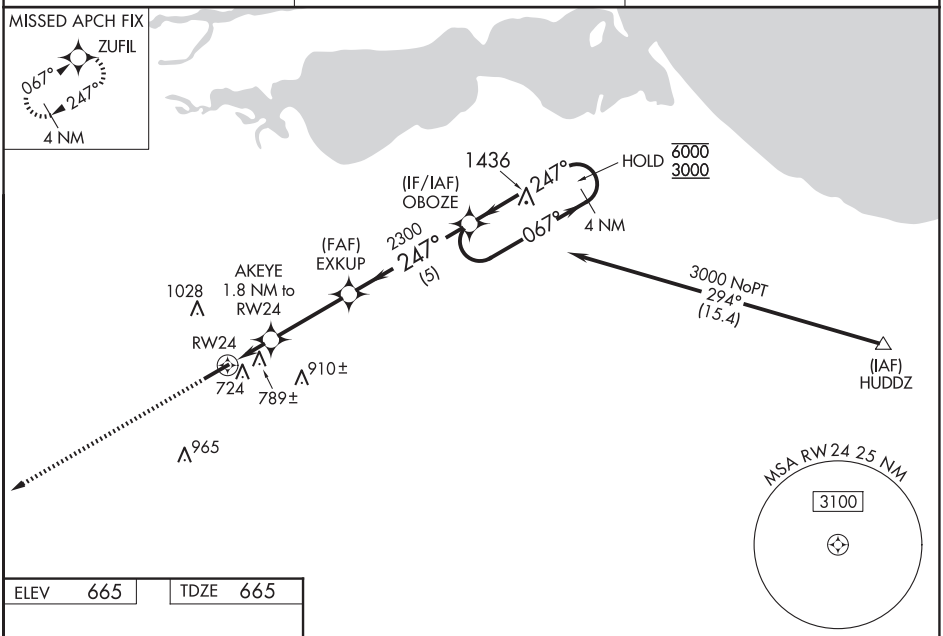
RNAV (GPS) RWY 24
SANDUSKY COUNTY RGNL (S24)

RNP APCH - GPS.

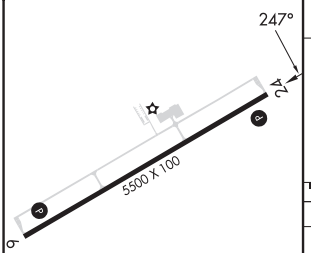
Baro-VNAV and VDP NA when using TOL altimeter setting. For uncompensated Baro-VNAV systems, procedure NA below -16°C or above 54°C. When local altimeter setting not received, use TOL altimeter setting: increase LPV DA to 978 feet and all visibilities ⅜ SM; increase LNAV/VNAV DA to 1196 feet and all visibilities ⅜ SM; increase all MDA 100 feet and LNAV visibility Cat C and D ¼ SM and Circling visibility Cat C and D ½ SM.

MISSED APPROACH: Climb to 3000 direct ZUFIL and hold.

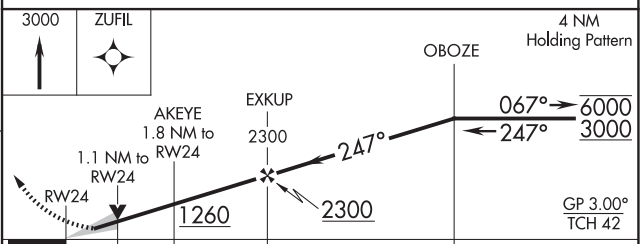
AWOS-3P	TOLEDO APP CON	UNICOM
119.575	126.1 307.0	123.05 (CTAF) L



ELEV 665 TDZE 665



REIL Rwys 6 and 24 L
MIRL Rwy 6-24 L



CATEGORY	A	B	C	D
LPV DA	885-¾ 220 (300-¾)			
LNAV/VNAV DA	1103-1½ 438 (500-1½)			
LNAV MDA	1040-1 375 (400-1)		1040-1⅛ 375 (400-1⅛)	
C CIRCLING	1120-1 455 (500-1)	1160-1 495 (500-1)	1380-2 715 (800-2)	1380-2¼ 715 (800-2¼)

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

RNAV (GPS) RWY 8

FRENCH LICK MUNI (FRH)

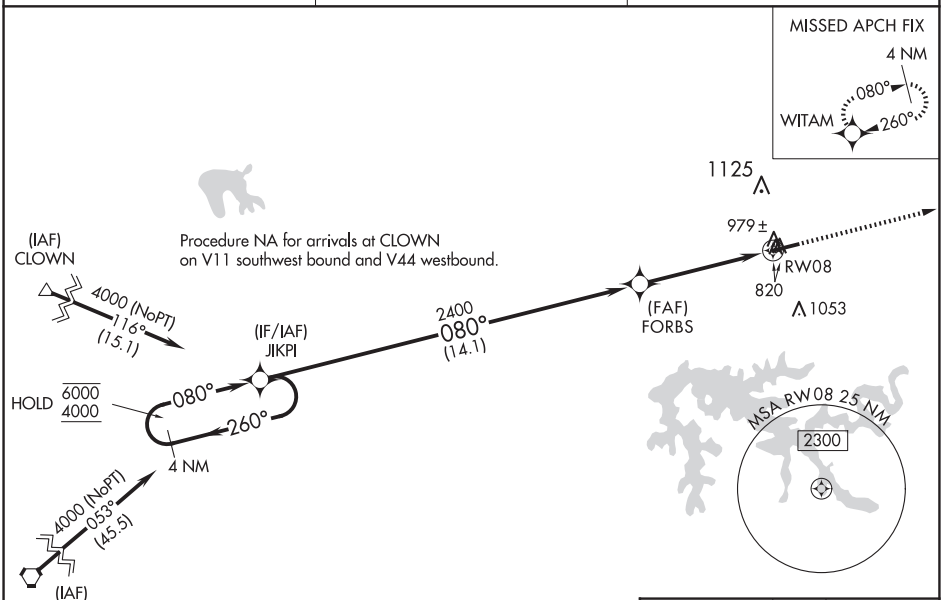
WAAS	APP CRS	Rwy Idg	5309
CH 61320	080°	TDZE	792
W08A		Apt Elev	792

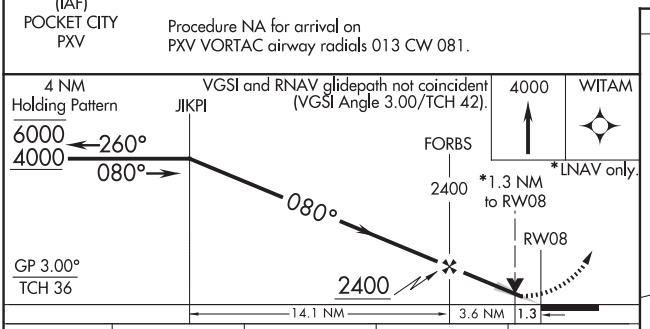
RNP APCH.

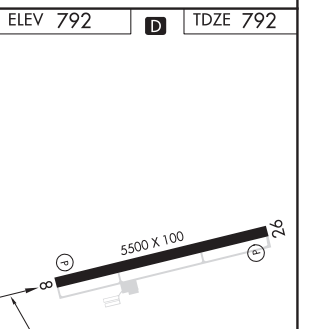
T A For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -16°C or above 39°C .

MISSED APPROACH: Climb to 4000 direct WITAM and hold.

AWOS-3	LOUISVILLE APP CON	UNICOM
118.075	132.075 327.0	122.8 (CTAF) L







CATEGORY	A	B	C	D
LPV DA	1057-⅞ 265 (300-⅞)			
LNAV/VNAV DA	1162-1¼ 370 (400-1¼)			
LNAV MDA	1240-1 448 (500-1)		1240-1⅜ 448 (500-1⅜)	
CIRCLING	1280-1 488 (500-1)		1480-2 688 (700-2)	1480-2¼ 688 (700-2¼)

MIRL Rwy 8-26 L
REIL Rwy 8 and 26

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

RNAV (GPS) RWY 26

FRENCH LICK MUNI (FRH)

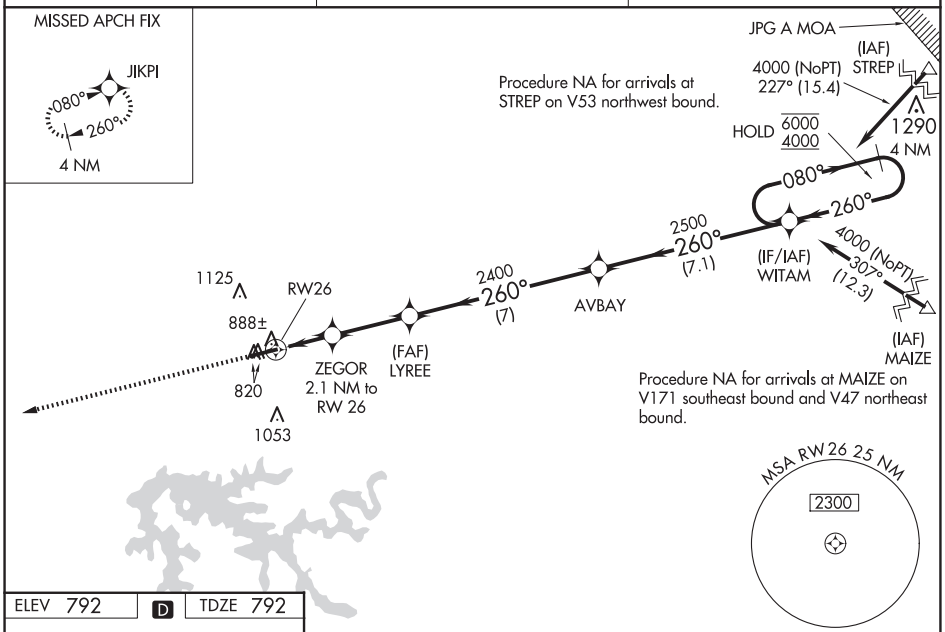
WAAS	APP CRS	Rwy Idg	5298
CH 78420	260°	TDZE	792
W26A		Apt Elev	792

RNP APCH.

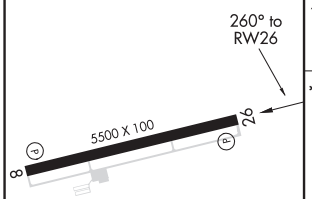
For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -16°C or above 39°C.

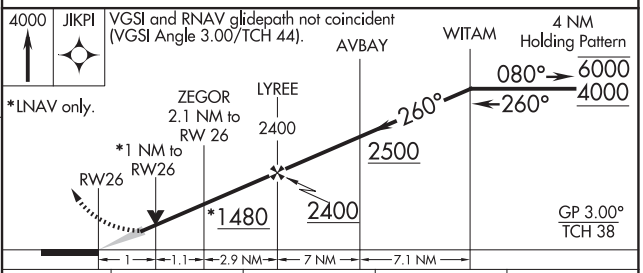
MISSED APPROACH: Climb to 4000 direct JIKPI and hold.

AWOS-3	LOUISVILLE APP CON	UNICOM
118.075	132.075 327.0	122.8 (CTAF) L



ELEV 792 D TDZE 792





CATEGORY	A	B	C	D
LPV DA		1042-1	250 (300-1)	
LNAV/VNAV DA		1077-1	285 (300-1)	
LNAV MDA		1140-1	348 (400-1)	
CIRCLING	1280-1 488 (500-1)		1480-2 688 (700-2)	1480-2¼ 688 (700-2¼)

MIRL Rwy 8-26 L
REIL Rwy 8 and 26

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

GALION, OHIO AL-5044 (FAA) 24193

WAAS	APP CRS	Rwy Idg	3318
CH 69223	054°	TDZE	1224
W05A		Apt Elev	1224

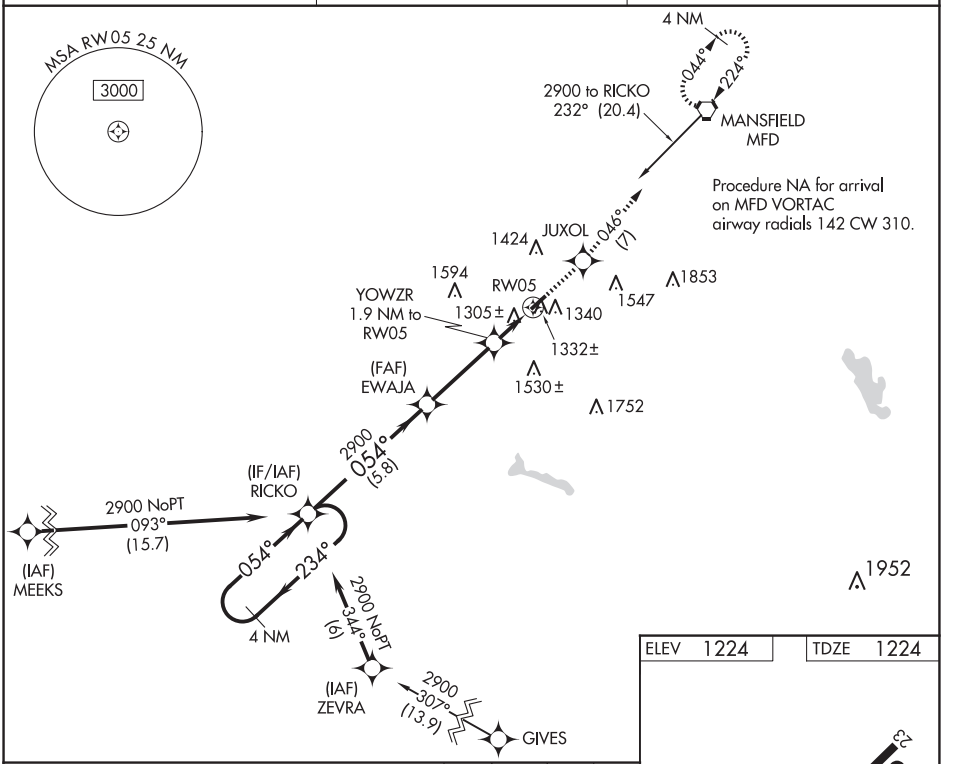
RNAV (GPS) RWY 5
GALION MUNI (GQQ)

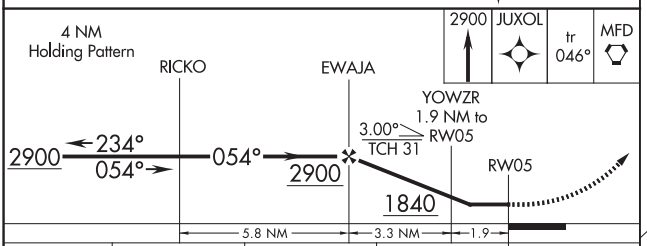
NA

Helicopter visibility reduction below 1 SM NA.
DME/DME RNP-0.3 NA. Use Mansfield altimeter setting.
Straight-in Rwy 5 NA at night, Circling Rwy 5 NA at night.

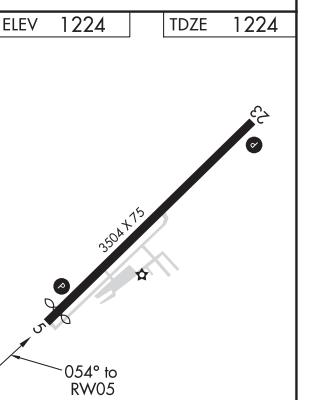
MISSED APPROACH: Climb to 2900 direct JUXOL and on track 046° to MFD VORTAC and hold.

CLEVELAND APP CON ★	CLNC DEL	UNICOM
128.35 360.65	126.8	122.8 (CTAF) L





CATEGORY	A	B	C	D
LP MDA	1600-1 376 (400-1)			NA
LNAV MDA	1620-1 396 (400-1)		1620-1⅛ 396 (400-1⅛)	NA
CIRCLING	1800-1 576 (600-1)	1960-1 736 (800-1)	1960-2 736 (800-2)	NA



MIRL Rwy 5-23 L
REIL Rwys 5 and 23 L

GALION, OHIO
Orig-C 15JUL21

40°45'N-82°43'W

GALION MUNI (GQQ)
RNAV (GPS) RWY 5

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

WAAS	APP CRS	Rwy Idg	3504
CH 57923	235°	TDZE	1224
W23A		Apt Elev	1224

RNAV (GPS) RWY 23

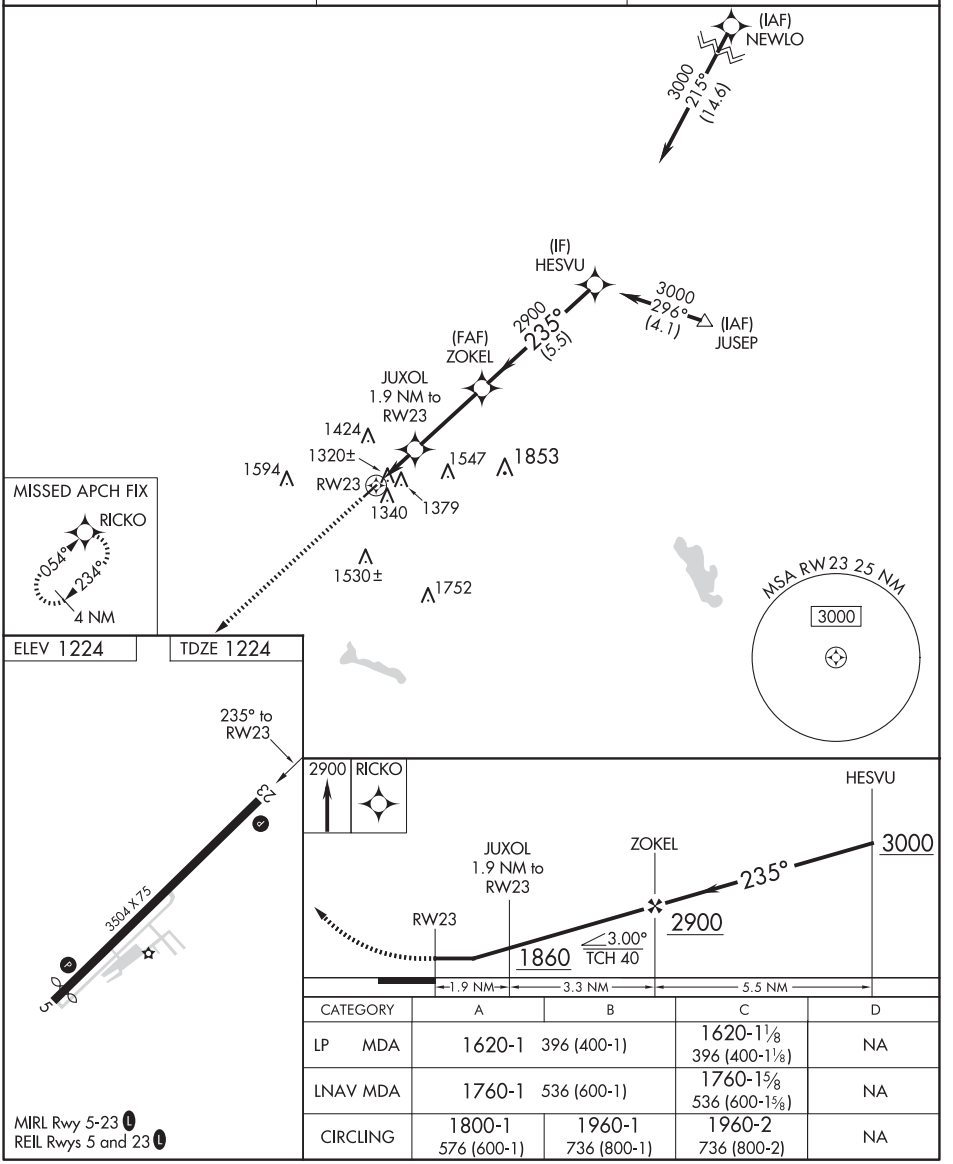
GALION MUNI (GQQ)

T
NA

Helicopter visibility reduction below ¾ SM NA. DME/DME RNP-0.3 NA. Use Mansfield altimeter setting. Circling Rwy 5 NA at night.

MISSED APPROACH: Climb to 2900 direct RICKO and hold.

CLEVELAND APP CON ★	CLNC DEL	UNICOM
128.35 360.65	126.8	122.8 (CTAF) L



CATEGORY	A	B	C	D
LP MDA	1620-1	396 (400-1)	1620-1⅛ 396 (400-1⅛)	NA
LNAV MDA	1760-1	536 (600-1)	1760-1⅝ 536 (600-1⅝)	NA
CIRCLING	1800-1 576 (600-1)	1960-1 736 (800-1)	1960-2 736 (800-2)	NA

MIRL Rwy 5-23 L
REIL Rwys 5 and 23 L

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

GALION, OHIO | AL-5044 (FAA) | 24193

VOR RWY 23
GALION MUNI (GQQ)

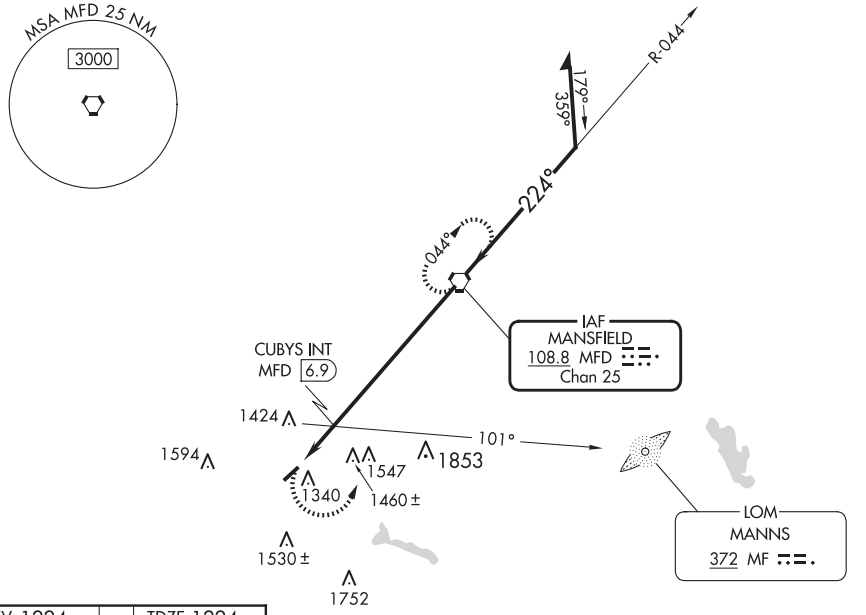
VORTAC MFD	APP CRS	Rwy Idg	3504
108.8	224°	TDZE	1224
Chan 25		Apt Elev	1224

RADAR required for procedure entry.

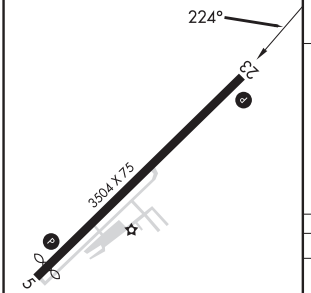
T A NA — Procedure NA at night. Use Mansfield altimeter setting; when not received, use Marion altimeter setting and increase all MDAs 40 feet, increase CUBYS fix minimums S-23 all Cats visibility ⅛ SM and Circling Cat C ¼ SM. Rwy 23 helicopter visibility reduction below 1 SM NA.

MISSED APPROACH: Climbing left turn to 2900 direct MFD VORTAC and hold.

CLEVELAND APP CON ★	CLNC DEL	UNICOM
128.35 360.65	126.8	122.8 (CTAF) L



ELEV 1224 | TDZE 1224



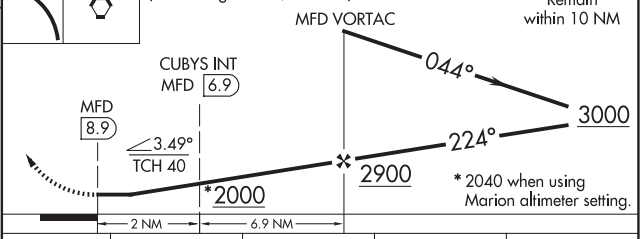
REIL Rwys 5 and 23 L
MIRL Rwy 5-23 L

FAF to MAP 8.9 NM

Knots	60	90	120	150	180
Min:Sec	8:54	5:56	4:27	3:34	2:58

2900 | MFD

VGSI and descent angles not coincident (VGSI Angle 3.00/TCH 38).



CATEGORY	A	B	C	D
S-23	2000-1 776 (800-1)	2000-1¼ 776 (800-1¼)	2000-2½ 776 (800-2½)	NA
CIRCLING	2000-1 776 (800-1)	2000-1¼ 776 (800-1¼)	2000-2½ 776 (800-2½)	NA
CUBYS FIX MINIMUMS				
S-23	1760-1 536 (600-1)		1760-1⅝ 536 (600-1⅝)	NA
CIRCLING	1800-1 576 (600-1)	1960-1 736 (800-1)	1960-2 736 (800-2)	NA

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

APP CRS	Rwy ldg	3999
235°	TDZE	566
	Apt Elev	566

RNAV (GPS) RWY 23

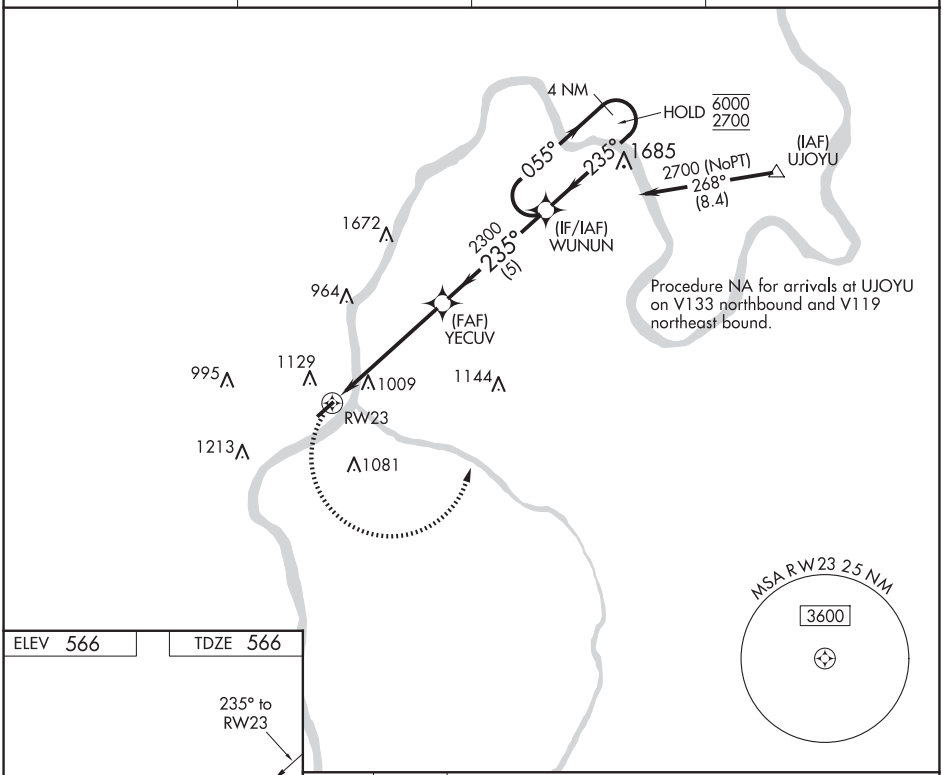
GALLIA-MEIGS RGNL (GAS)

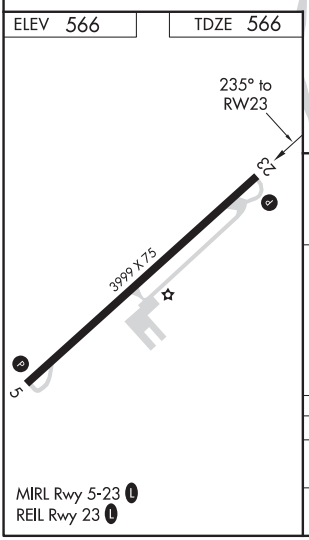
RNP APCH-GPS.

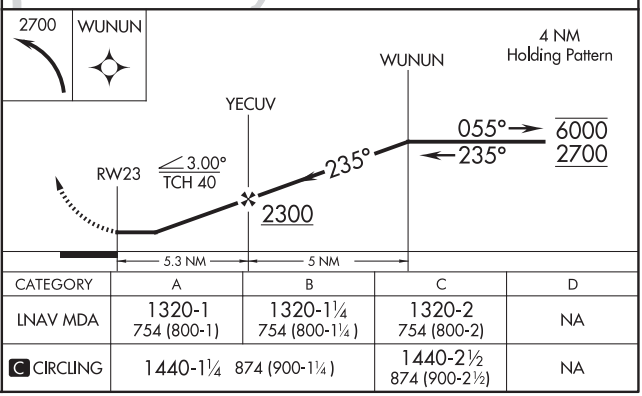
T A NA — Helicopter visibility reduction below 1 SM NA. Procedure NA at night.

MISSED APPROACH: Climbing left turn to 2700 direct WUNUN and hold.

AWOS-3PT	HUNTINGTON APP CON	CLNC DEL	UNICOM
119.925	128.4 270.1	124.55	123.0 (CTAF) L







CATEGORY	A	B	C	D
LNAV MDA	1320-1 754 (800-1)	1320-1¼ 754 (800-1¼)	1320-2 754 (800-2)	NA
C CIRCLING	1440-1¼ 874 (900-1¼)		1440-2½ 874 (900-2½)	NA

MIRL Rwy 5-23 L
REIL Rwy 23 L

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

GARY/CHICAGO, INDIANA | AL-748 (FAA) | 24249

ILS or LOC RWY 30

GARY/CHICAGO INTL (GYY)

LOC/DME I-GYY	APP CRS	Rwy ldg	7959
108.75	306°	TDZE	591
Chan 24 (Y)		Apt Elev	597

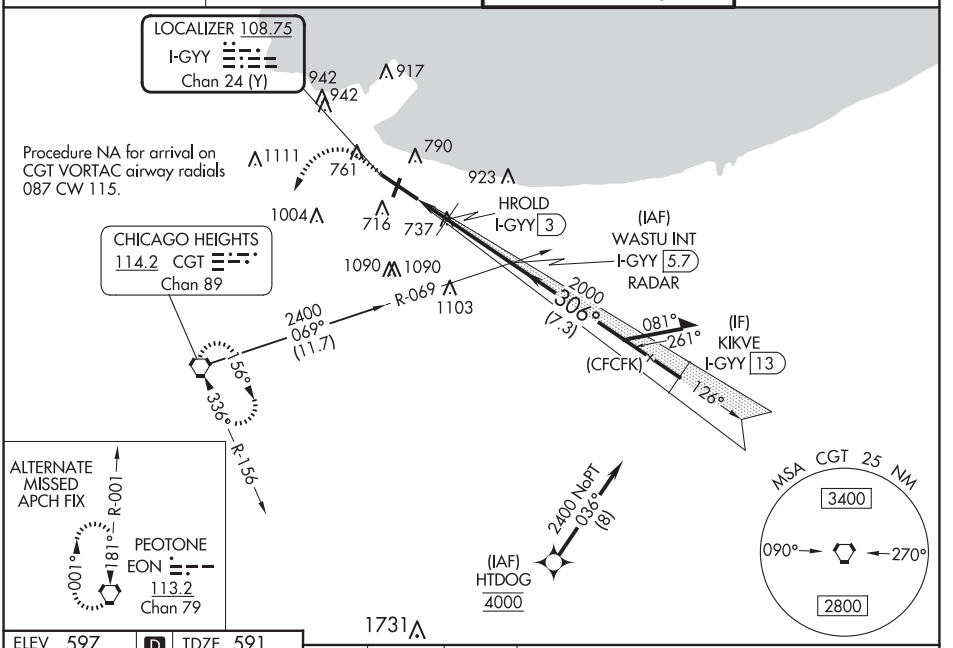
DME or RADAR required. RNP APCH - GPS from HTDOG.

T A For inop ALS, increase S-LOC-30 Cats C and D visibility to 1⅜ SM. HROLD fix minimums: for inop ALS increase S-LOC-30 Cats C and D visibility to RVR 6000.
** RVR 1800 authorized with use of FD or AP or HUD to DA (NA when using Chicago Midway Intl altimeter setting).

MALSR

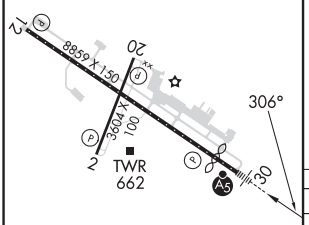
MISSED APPROACH: Climb to 1500 then climbing left turn to 2400 direct CGT VORTAC and hold.

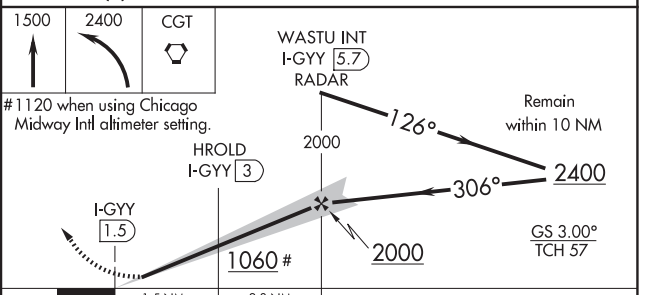
ATIS	CHICAGO APP CON	GARY TOWER ★	GND CON
134.575	133.1 285.6	125.6 (CTAF) L	121.9



ELEV 597 D TDZ 591

1731





CATEGORY	A	B	C	D
S-ILS 30**	791/24 200 (200-½)			
S-LOC 30	1060/24 469 (500-½)		1060/50 469 (500-1)	
C CIRCLING	1160-1 563 (600-1)	1180-1 583 (600-2)	1400-2¼ 803 (900-2¼)	1420-2¾ 823 (900-2¾)
HROLD FIX MINIMUMS				
S-LOC 30	1000/24 409 (500-½)		1000/40 409 (500-¾)	
C CIRCLING	1160-1 563 (600-1)	1180-1 583 (600-1)	1400-2¼ 803 (900-2¼)	1420-2¾ 823 (900-2¾)

REIL Rwys 2, 12 and 20 L
HIRL Rwy 12-30 L
MIRL Rwy 2-20 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

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

RNAV (RNP) Z RWY 12

GARY/CHICAGO INTL (GYY)

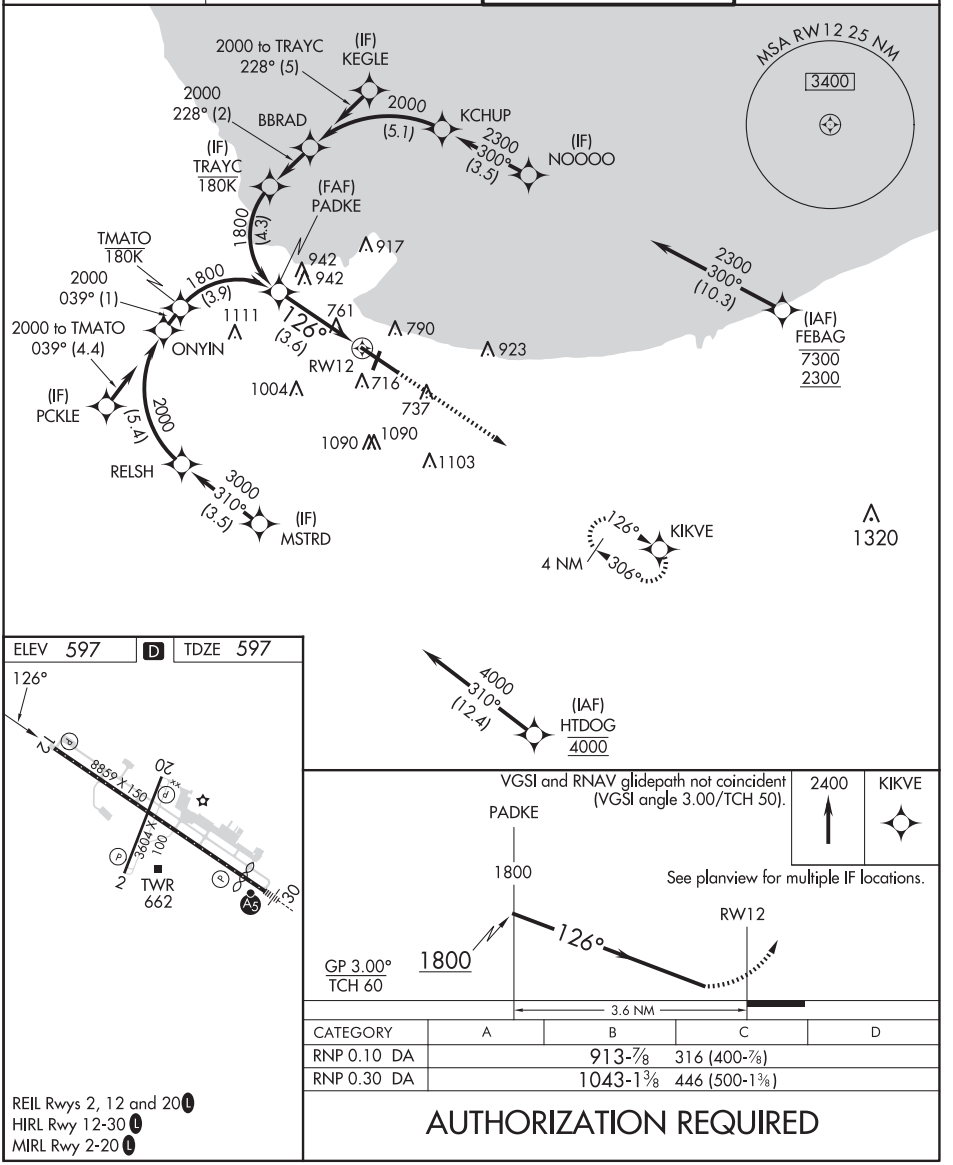
APP CRS	Rwy ldg	7959
126°	TDZE	597
	Apt Elev	597

RNP AR APCH - GPS.

For uncompensated Baro-VNAV systems, procedure NA below -16°C or above 54°C.

MISSED APPROACH: Climb to 2400 direct KIKVE and hold.

ATIS	CHICAGO APP CON	GARY TOWER ★	GND CON
134.575	133.1 285.6	125.6 (CTAF) L	121.9



REIL Rwys 2, 12 and 20 L
HIRL Rwy 12-30 L
MIRL Rwy 2-20 L

VGSI and RNAV glidepath not coincident (VGSI angle 3.00/TCH 50).

2400 KIKVE

See planview for multiple IF locations.

CATEGORY	A	B	C	D
RNP 0.10 DA	913-7/8 316 (400-7/8)			
RNP 0.30 DA	1043-1 3/8 446 (500-1 3/8)			

AUTHORIZATION REQUIRED

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

GARY/CHICAGO, INDIANA | AL-748 (FAA) | 24249

APP CRS	Rwy Idg	7959
306°	TDZE	591
	Apt Elev	597

RNAV (RNP) Z RWY 30

GARY/CHICAGO INTL (GYY)

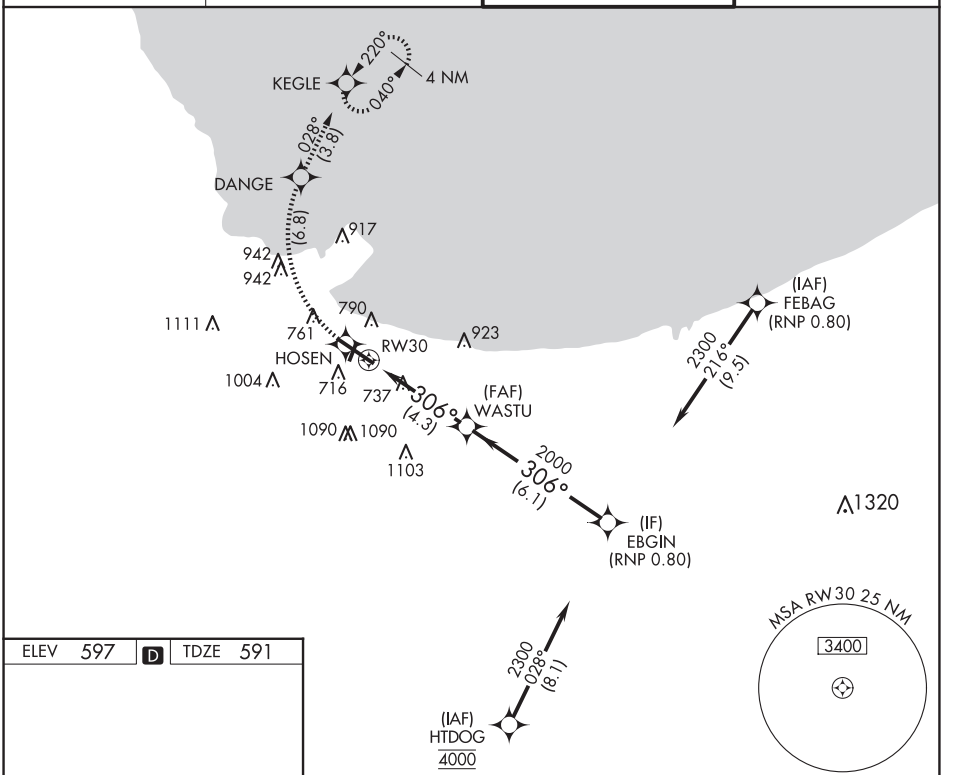
RNP AR APCH - GPS.

For uncompensated Baro-VNAV systems, procedure NA below -16°C or above 54°C. Missed approach requires RNP less than 1.0. For inop ALS, increase RNP 0.30 all Cats visibility to 1⅜ SM.

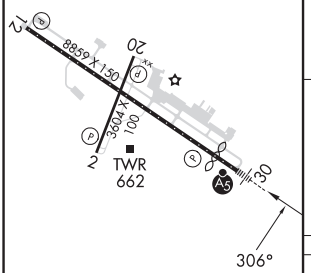
MALSR

MISSED APPROACH: Climb to 2100 on track 306° to HOSEN, right turn to DANGE, then track 028° to KEGLE and hold.

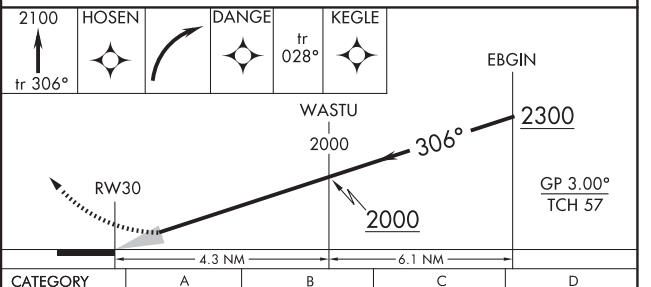
ATIS	CHICAGO APP CON	GARY TOWER ★	GND CON
134.575	133.1 285.6	125.6 (CTAF) L	121.9



ELEV 597 D TDZE 591



REIL Rwys 2, 12 and 20 L
HIRL Rwy 12-30 L
MIRL Rwy 2-20 L



CATEGORY	A	B	C	D
RNP 0.13 DA	976/35		385 (400-⅝)	
RNP 0.30 DA	1098/55		507 (600-1)	

AUTHORIZATION REQUIRED

GARY/CHICAGO, INDIANA
Amdt 2A 05SEP24

41°37'N-87°25'W

GARY/CHICAGO INTL (GYY)

RNAV (RNP) Z RWY 30

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

WAAS	APP CRS		
CH **69338**	**023°**	Rwy Idg	**3604**
W02A		TDZE	**591**
		Apt Elev	**597**

RNAV (GPS) RWY 2

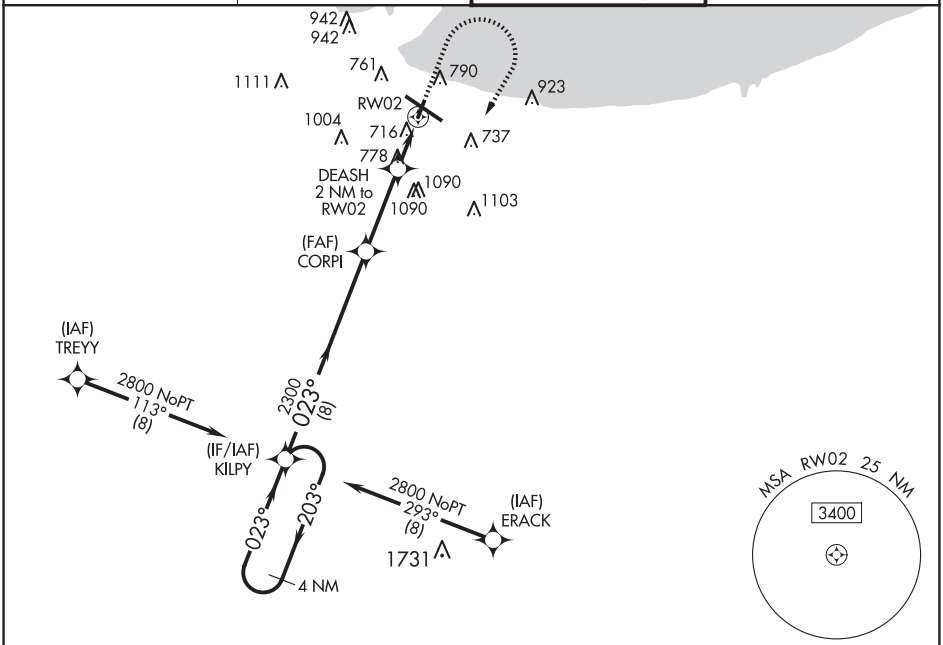
GARY/CHICAGO INTL (GYY)

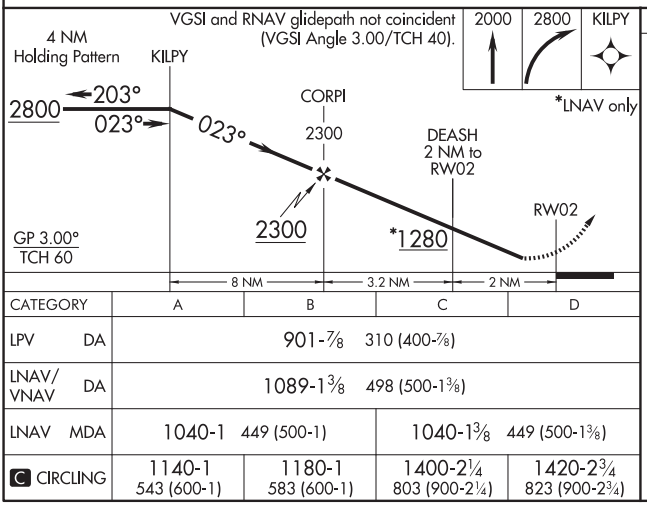
RNP APCH - GPS.

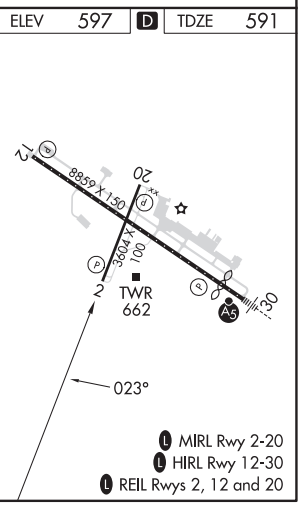
For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -16°C or above 54°C. Rwy 2 helicopter visibility reduction below ¾ SM NA. When local altimeter setting not received, use Chicago Midway Intl altimeter setting: increase LPV DA to 947 feet and visibility ⅛ SM, LNAV/VNAV DA to 1135 feet and visibility ¼ SM; increase all MDAs 60 feet and Circling Cats C and D visibility ¼ SM. Baro-VNAV NA when using Chicago Midway Intl altimeter setting.

MISSED APPROACH: Climb to 2000 then climbing right turn to 2800 direct KILPY and hold.

ATIS	CHICAGO APP CON	GARY TOWER ★	GND CON
134.575	**133.1 285.6**	**125.6** (CTAF) L	**121.9**







CATEGORY	A	B	C	D
LPV DA	901-⅞ 310 (400-⅞)			
LNAV/VNAV DA	1089-1⅜ 498 (500-1⅜)			
LNAV MDA	1040-1 449 (500-1)		1040-1⅜ 449 (500-1⅜)	
C CIRCLING	1140-1 543 (600-1)	1180-1 583 (600-1)	1400-2¼ 803 (900-2¼)	1420-2¾ 823 (900-2¾)

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

APP CRS	Rwy Ldg	3604
203°	TDZE	591
	Apt Elev	597

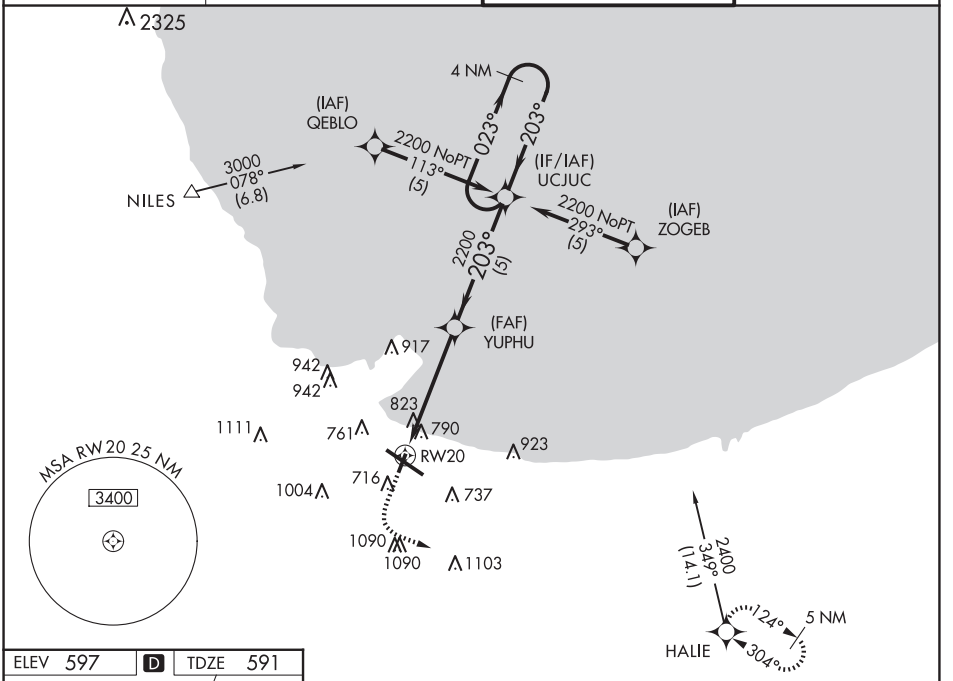
RNAV (GPS) RWY 20

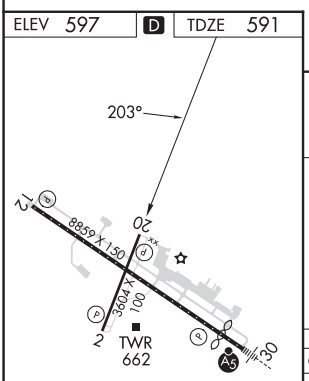
GARY/CHICAGO INTL (GYY)

GPS or RNP-0.3 required.
DME/DME RNP-0.3 NA.

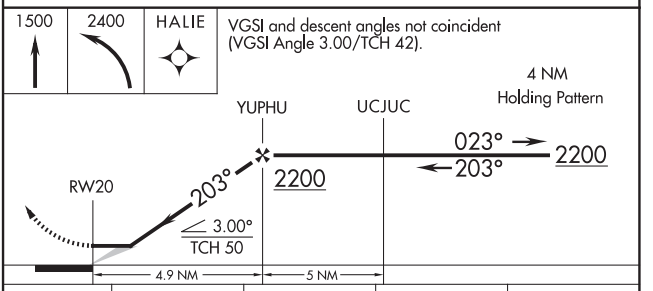
MISSED APPROACH: Climb to 1500 then climbing left turn to 2400 direct HALIE WP and hold.

ATIS	CHICAGO APP CON	GARY TOWER ★	GND CON
134.575	133.1 285.6	125.6 (CTAF) L	121.9





REIL Rwys 2, 12 and 20 L
HIRL Rwy 12-30 L
MIRL Rwy 2-20 L



CATEGORY	A	B	C	D
GLS PA DA	NA			
LNAV/VNAV DA	NA			
LNAV MDA	1080-1 489 (500-1)		1080-1¼ 489 (500-1¼)	1080-1½ 489 (500-1½)
CIRCLING	1140-1 543 (600-1)	1180-1 583 (600-1)	1400-2¼ 803 (900-2¼)	1420-2¾ 823 (900-2¾)

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

RNAV (GPS) Y RWY 12

GARY/CHICAGO INTL (GYY)

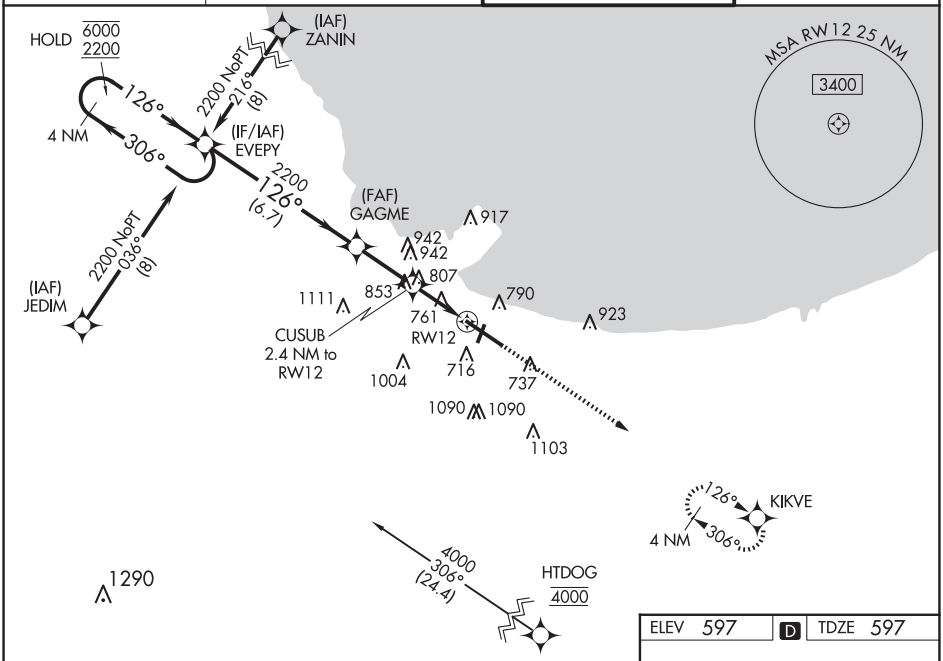
WAAS CH 70623 W12A	APP CRS 126°	Rwy Idg 7959 / TDZE 597 / Apt Elev 597

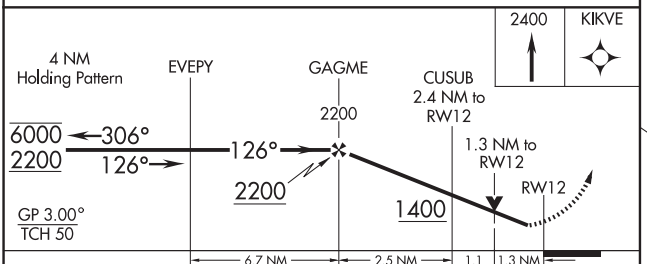
RNP APCH - GPS.

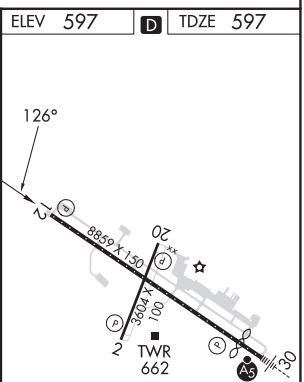
For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -16°C or above 54°C. Rwy 12 helicopter visibility reduction below ¾ SM NA.

MISSED APPROACH: Climb to 2400 direct KIKVE and hold.

ATIS	CHICAGO APP CON	GARY TOWER ★	GND CON
134.575	133.1 285.6	125.6 (CTAF) L	121.9







CATEGORY	A	B	C	D
LPV DA	797-¾ 200 (200-¾)			
LNAV/VNAV DA	1049-1⅜ 452 (500-1⅜)			
LNAV MDA	1060-1 463 (500-1)		1060-1⅜ 463 (500-1⅜)	
C CIRCLING	1160-1 563 (600-1)	1180-1 583 (600-1)	1400-2¼ 803 (900-2¼)	1420-2¾ 823 (900-2¾)

REIL Rwys 2, 12 and 20 L
HIRL Rwy 12-30 L
MIRL Rwy 2-20 L

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

GARY/CHICAGO, INDIANA AL-748 (FAA) 25107

RNAV (GPS) Y RWY 30

GARY/CHICAGO INTL (GYY)

WAAS CH 78323 W30A	APP CRS 306°	Rwy Idg 7959 TDZE 591 Apt Elev 597

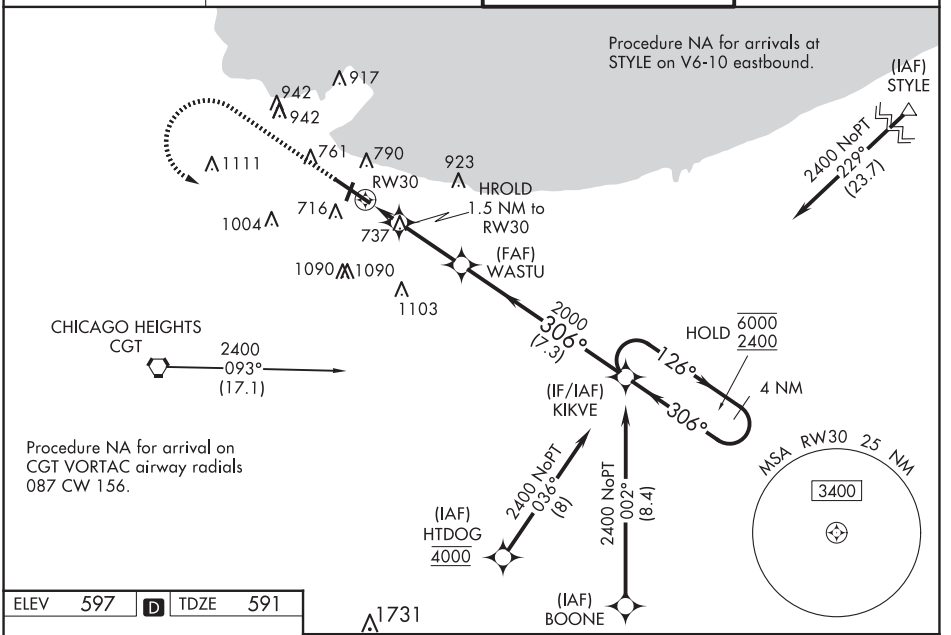
RNP APCH - GPS.

T A For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -16°C or above 54°C. For inop ALS, increase LNAV Cat C and D visibility to RVR 6000.
** RVR 1800 authorized with use of FD or AP or HUD to DA (NA when using Chicago Midway Intl altimeter setting).

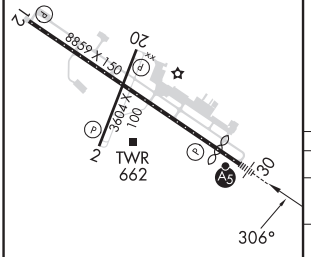
MALSR A5

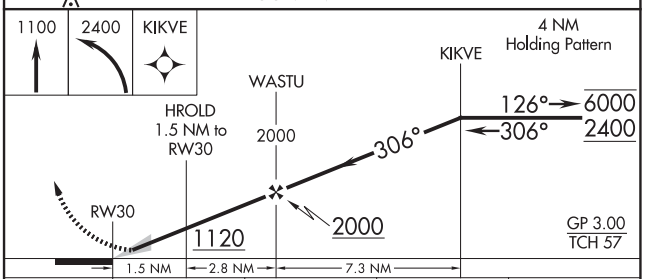
MISSED APPROACH: Climb to 1100 then climbing left turn to 2400 direct KIKVE and hold.

ATIS	CHICAGO APP CON	GARY TOWER ★	GND CON
134.575	133.1 285.6	125.6 (CTAF) L	121.9



ELEV 597 D TDZ 591





CATEGORY	A	B	C	D
LPV DA**	791/24	200 (200-½)		
LNAV/VNAV DA	991/35	400 (400-⅝)		
LNAV MDA	1000/24	409 (500-½)	1000/40	409 (500-¾)
C CIRCLING	1160-1 563 (600-1)	1180-1 583 (600-1)	1400-2¼ 803 (900-2¼)	1420-2¾ 823 (900-2¾)

REIL Rwys 2, 12 and 20 L
HIRL Rwy 12-30 L
MIRL Rwy 2-20 L

GARY/CHICAGO, INDIANA
Amdt 2A 05SEP24

41°37′N-87°25′W

GARY/CHICAGO INTL (GYY)

RNAV (GPS) Y RWY 30

EC-2, 12 JUN 2025 to 07 AUG 2025

COPTER ILS or LOC RWY 30

GARY/CHICAGO INTL (GYY)

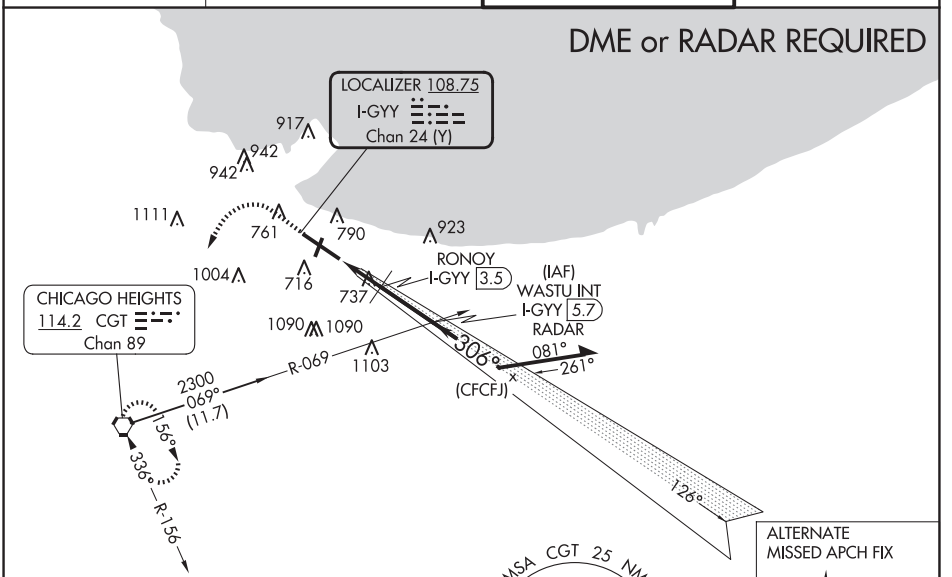
LOC I-GYY	APP CRS	Rwy Idg	7959
108.75	306°	TDZE	591
Chan 24 (Y)		Apt Elev	597

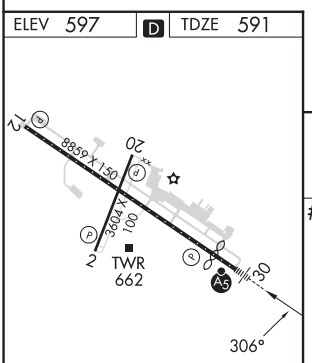
When local altimeter setting not recieved, use Chicago Midway Intl altimeter setting and increase all DA 46 feet and all MDA 60 feet. VDP NA with Chicago Midway Intl altimeter setting.

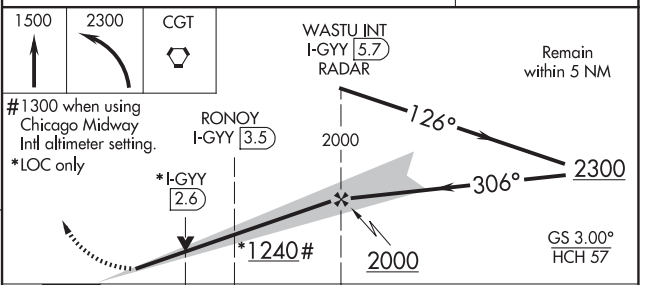
MALSR

MISSED APPROACH: Climb to 1500 then climbing left turn to 2300 direct CGT VORTAC and hold.

ATIS	CHICAGO APP CON	GARY TOWER ★	GND CON
134.575	133.1 285.6	125.6 (CTAF) L	121.9







REIL Rwys 2, 12 and 20 L
HIRL Rwy 12-30 L
MIRL Rwy 2-20 L

FAF to MAP 4.3 NM

Knots	45	60	75	90	105
Min:Sec	5:44	4:18	3:26	2:52	2:27

CATEGORY	COPTER
S-ILS 30	791-¼ 200 (200-¼)
S-LOC 30	1240-¼ 649 (700-¼)
RONOY FIX MINIMUMS	
S-LOC 30	1000-¼ 409 (500-¼)

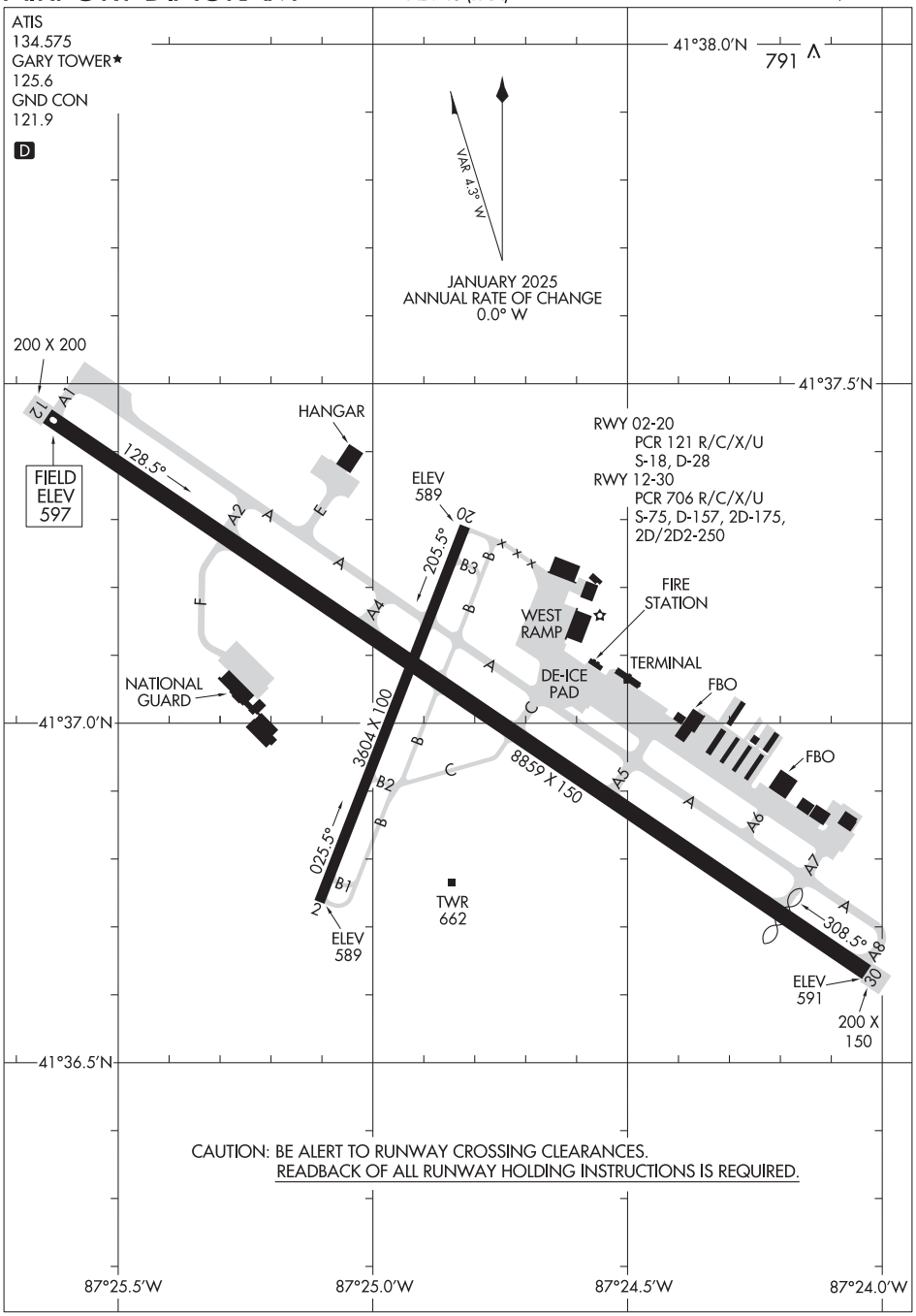
EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

25107

AIRPORT DIAGRAM

AL-748 (FAA)

GARY/CHICAGO (GYY)
GARY, INDIANA



EC-2, 12 JUN 2025 to 07 AUG 2025

EC-2, 12 JUN 2025 to 07 AUG 2025

AIRPORT DIAGRAM

GARY, INDIANA
GARY/CHICAGO (GYY)

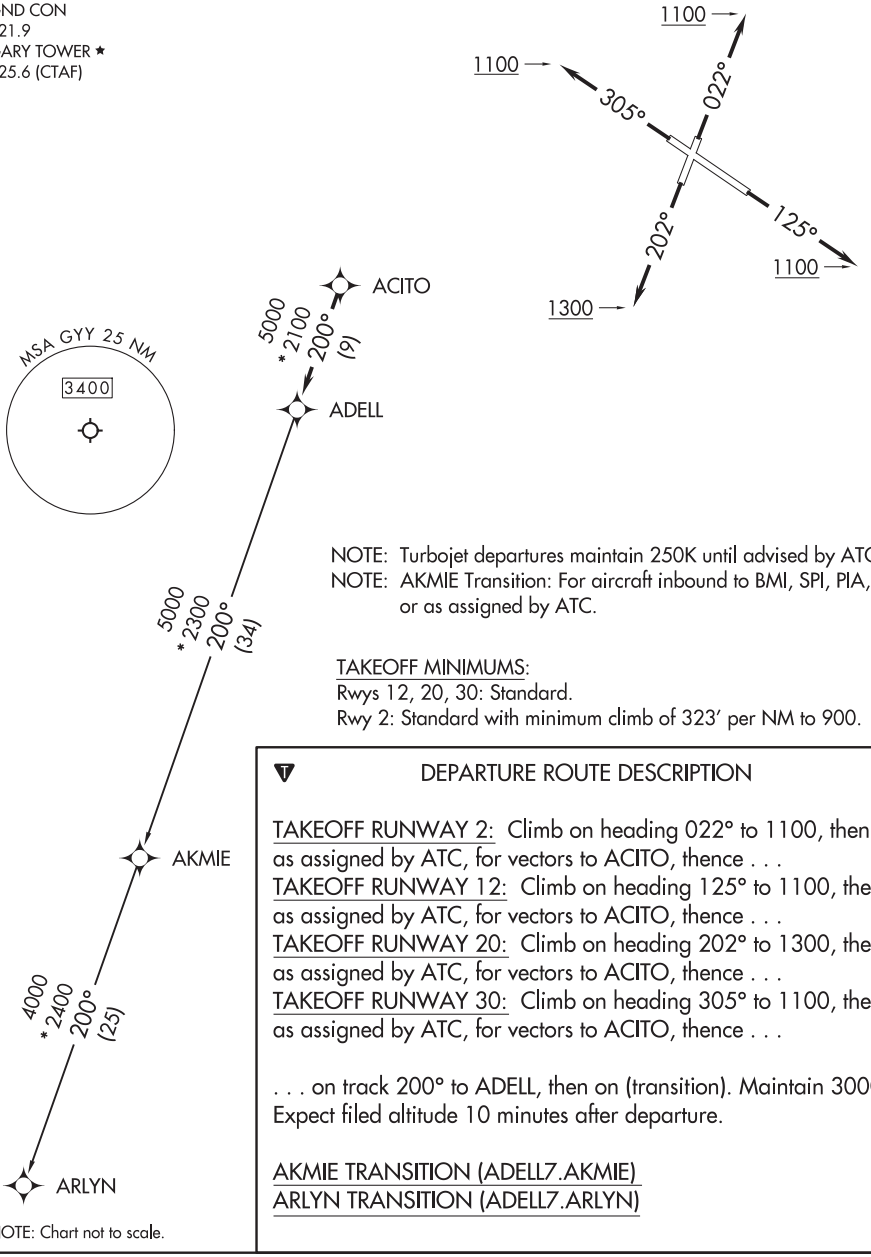
25107

ADELL SEVEN DEPARTURE (RNAV)

CHICAGO DEP CON
133.1 285.6
ATIS
134.575
GND CON
121.9
GARY TOWER ★
125.6 (CTAF)

RNAV 1 - DME/DME/IRU or GPS.
RADAR required. RADAR required for non-GPS eqipped aircraft.

TOP ALTITUDE: 3000



NOTE: Chart not to scale.

NOTE: Turbojet departures maintain 250K until advised by ATC.
NOTE: AKMIE Transition: For aircraft inbound to BMI, SPI, PIA, or as assigned by ATC.

TAKEOFF MINIMUMS:
Rwys 12, 20, 30: Standard.
Rwy 2: Standard with minimum climb of 323' per NM to 900.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 2: Climb on heading 022° to 1100, then as assigned by ATC, for vectors to ACITO, thence . . .
TAKEOFF RUNWAY 12: Climb on heading 125° to 1100, then as assigned by ATC, for vectors to ACITO, thence . . .
TAKEOFF RUNWAY 20: Climb on heading 202° to 1300, then as assigned by ATC, for vectors to ACITO, thence . . .
TAKEOFF RUNWAY 30: Climb on heading 305° to 1100, then as assigned by ATC, for vectors to ACITO, thence . . .

. . . on track 200° to ADELL, then on (transition). Maintain 3000. Expect filed altitude 10 minutes after departure.

AKMIE TRANSITION (ADELL7.AKMIE)
ARLYN TRANSITION (ADELL7.ARLYN)

EC-2, 12 JUN 2025 to 07 AUG 2025

(BLOKR7.BLOKR) 24305 AL-748 (FAA)

BLOKR SEVEN DEPARTURE (RNAV)

GARY/CHICAGO INTL (GYY)
GARY/CHICAGO, INDIANA

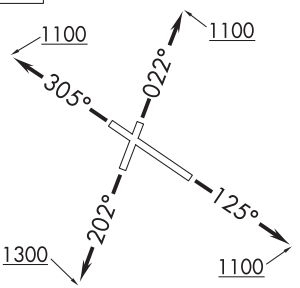
CHICAGO DEP CON
133.1 285.6
ATIS
134.575
GND CON
121.9
GARY TOWER ★
125.6 (CTAF)

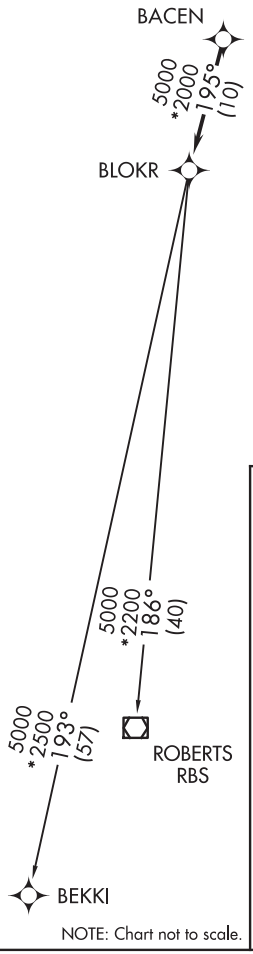
RNAV 1 - DME/DME/IRU or GPS.
RADAR required. RADAR required for non-GPS equipped aircraft.

TOP ALTITUDE: 3000

NOTE: Turbojet departures maintain 250K until advised by ATC.

NOTE: ROBERTS Transition: For aircraft inbound to CMI or STL, or as assigned by ATC.

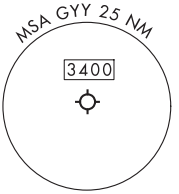




NOTE: Chart not to scale.

TAKEOFF MINIMUMS:

Rwys 12, 20, 30: Standard.
Rwy 2: Standard with minimum climb of 323' per NM to 900.



DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 2: Climb on heading 022° to 1100, then as assigned by ATC, for vectors to BACEN, thence. . . .

TAKEOFF RUNWAY 12: Climb on heading 125° to 1100, then as assigned by ATC, for vectors to BACEN, thence. . . .

TAKEOFF RUNWAY 20: Climb on heading 202° to 1300, then as assigned by ATC, for vectors to BACEN, thence. . . .

TAKEOFF RUNWAY 30: Climb on heading 305° to 1100, then as assigned by ATC, for vectors to BACEN, thence. . . .

. . . .on track 195° to BLOKR, then on (transition). Maintain 3000. Expect filed altitude 10 minutes after departure.

BEKKI TRANSITION (BLOKR7.BEKKI):

ROBERTS TRANSITION (BLOKR7.RBS):

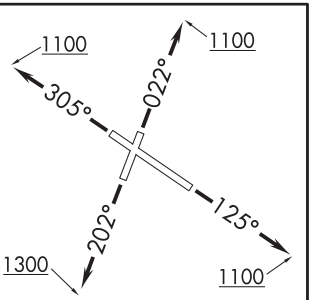
EC-2, 12 JUN 2025 to 07 AUG 2025

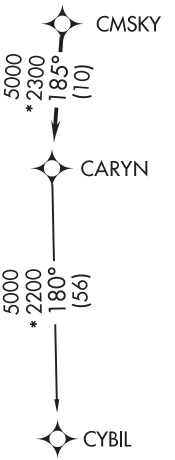
CARYN SEVEN DEPARTURE (RNAV) AL-748 (FAA)

CHICAGO DEP CON
133.1 285.6
ATIS
134.575
GND CON
121.9
GARY TOWER ★
125.6 (CTAF)

RNAV 1 - DME/DME/IRU or GPS.
RADAR required.
RADAR required for non-GPS equipped aircraft.

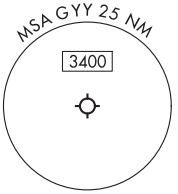
TOP ALTITUDE: 3000





NOTE: Turbojet departures maintain 250K until advised by ATC.

TAKEOFF MINIMUMS:
Rwy 2: Standard with minimum climb of 323' per NM to 900.
Rwys 12, 20, 30: Standard.



NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 2: Climb on heading 022° to 1100, then as assigned by ATC, for vectors to CMSKY, thence....
TAKEOFF RUNWAY 12: Climb on heading 125° to 1100, then as assigned by ATC, for vectors to CMSKY, thence....
TAKEOFF RUNWAY 20: Climb on heading 202° to 1300, then as assigned by ATC, for vectors to CMSKY, thence....
TAKEOFF RUNWAY 30: Climb on heading 305° to 1100, then as assigned by ATC, for vectors to CMSKY, thence....

....on track 185° to CARYN, then on (transition), maintain 3000.
Expect filed altitude 10 minutes after departure.

CYBIL TRANSITION (CARYN7.CYBIL):

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

(DARCY7.DARCY) 24305 AL-748 (FAA)

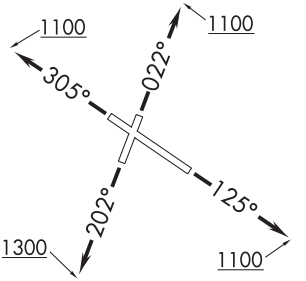
DARCY SEVEN DEPARTURE (RNAV)

GARY/CHICAGO INTL (GYY)
GARY/CHICAGO, INDIANA

CHICAGO DEP CON
133.1 285.6
ATIS
134.575
GND CON
121.9
GARY TOWER ★
125.6 (CTAF)

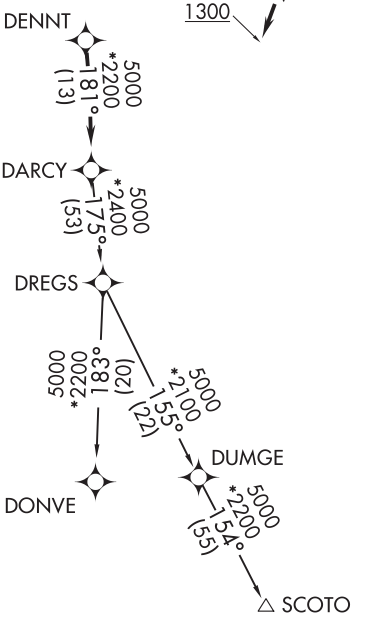
RNAV 1 - DME/DME/IRU or GPS.
RADAR required.
RADAR required for non-GPS equipped aircraft.

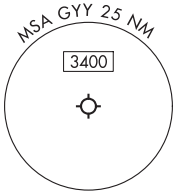
TOP ALTITUDE: 3000



TAKEOFF MINIMUMS:
Rwy 2: Standard with minimum climb of 323′ per NM to 900.
Rwys 12, 20, 30: Standard.

NOTE: Turbojet departures maintain 250K until advised by ATC.





NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 2: Climb on heading 022° to 1100, then as assigned by ATC, for vectors to DENNT, thence. . . .
TAKEOFF RUNWAY 12: Climb on heading 125° to 1100, then as assigned by ATC, for vectors to DENNT, thence. . . .
TAKEOFF RUNWAY 20: Climb on heading 202° to 1300, then as assigned by ATC, for vectors to DENNT, thence. . . .
TAKEOFF RUNWAY 30: Climb on heading 305° to 1100, then as assigned by ATC, for vectors to DENNT, thence. . . .

. . . . on track 181° to DARCY, then on (transition), maintain 3000.
Expect filed altitude 10 minutes after departure.

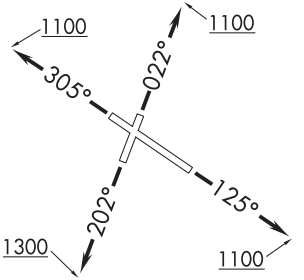
DONVE TRANSITION (DARCY7.DONVE):
SCOTO TRANSITION (DARCY7.SCOTO):

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

ELANR EIGHT DEPARTURE (RNAV)

CHICAGO DEP CON
133.1 285.6
ATIS
134.575
GND CON
121.9
GARY TOWER ★
125.6 (CTAF)

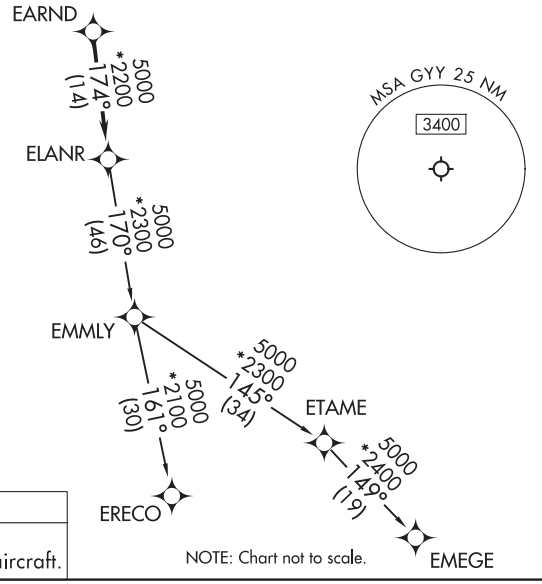
TOP ALTITUDE: 3000



TAKEOFF MINIMUMS:

Rwy 2: Standard with minimum climb of 323′ per NM to 2700.
Rwy 12: Standard with minimum climb of 330′ per NM to 2700.
Rwy 20: Standard with minimum climb of 350′ per NM to 2700.
Rwy 30: Standard with minimum climb of 320′ per NM to 2700.

NOTE: Turbojet departures maintain 250K until advised by ATC.
NOTE: EMMLY Transition: For aircraft inbound to Indianapolis Terminal Area, or as assigned by ATC.



RNAV 1 - DME/DME/IRU or GPS.

RADAR required.
RADAR required for non-GPS equipped aircraft.

NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 2: Climb on heading 022° to 1100, then as assigned by ATC, for vectors to EARND, thence. . . .
TAKEOFF RUNWAY 12: Climb on heading 125° to 1100, then as assigned by ATC, for vectors to EARND, thence. . . .
TAKEOFF RUNWAY 20: Climb on heading 202° to 1300, then as assigned by ATC, for vectors to EARND, thence. . . .
TAKEOFF RUNWAY 30: Climb on heading 305° to 1100, then as assigned by ATC, for vectors to EARND, thence. . . .

. . . .on track 174° to ELANR, then on (transition), maintain 3000.
Expect filed altitude 10 minutes after departure.

EMEGE TRANSITION (ELANR8.EMEGE):
EMMLY TRANSITION (ELANR8.EMMLY):
ERECO TRANSITION (ELANR8.ERECO):

EC-2, 12 JUN 2025 to 07 AUG 2025

GEORGETOWN, OHIO

AL-6250 (FAA)

23278

RNAV (GPS) RWY 36

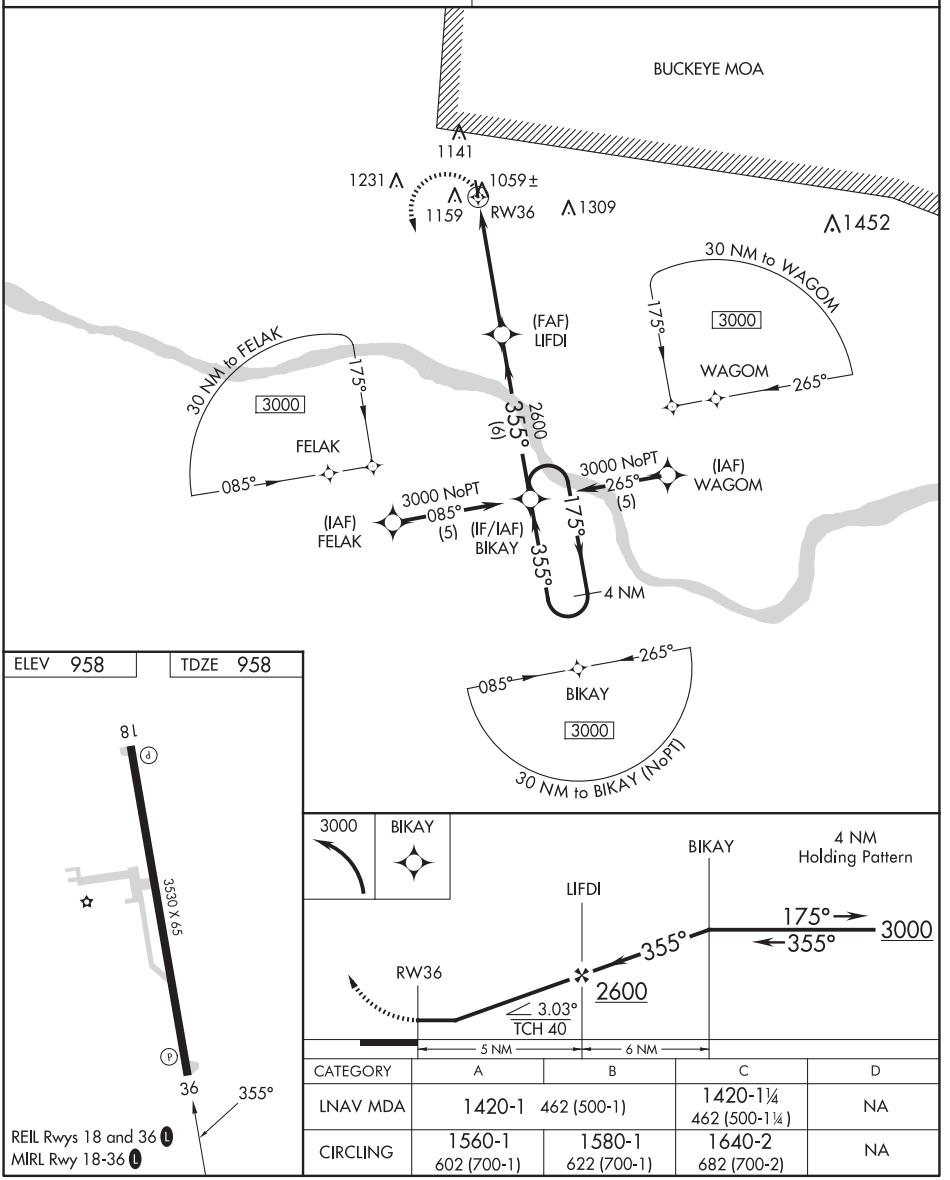
BROWN COUNTY (GEO)

APP CRS	Rwy Idg	3530
355°	TDZE	958
	Apt Elev	958

DME/DME RNP-0.3 NA. Use Cincinnati/Northern Kentucky Intl, KY altimeter setting. Procedure NA at night. Helicopter visibility reduction below 1 SM NA.

MISSED APPROACH: Climbing left turn to 3000 direct BIKAY WP and hold.

INDIANAPOLIS CENTER	CTAF (L)
135.575 290.5	122.9



CATEGORY	A	B	C	D
LNAV MDA	1420-1 462 (500-1)		1420-1¼ 462 (500-1¼)	NA
CIRCLING	1560-1 602 (700-1)	1580-1 622 (700-1)	1640-2 682 (700-2)	NA

GEORGETOWN, OHIO

Orig-C 12AUG21

38°53'N-83°53'W

BROWN COUNTY (GEO)

RNAV (GPS) RWY 36

EC-2, 12 JUN 2025 to 07 AUG 2025

EC-2, 12 JUN 2025 to 07 AUG 2025

VOR/DME-A

BROWN COUNTY (GEO)

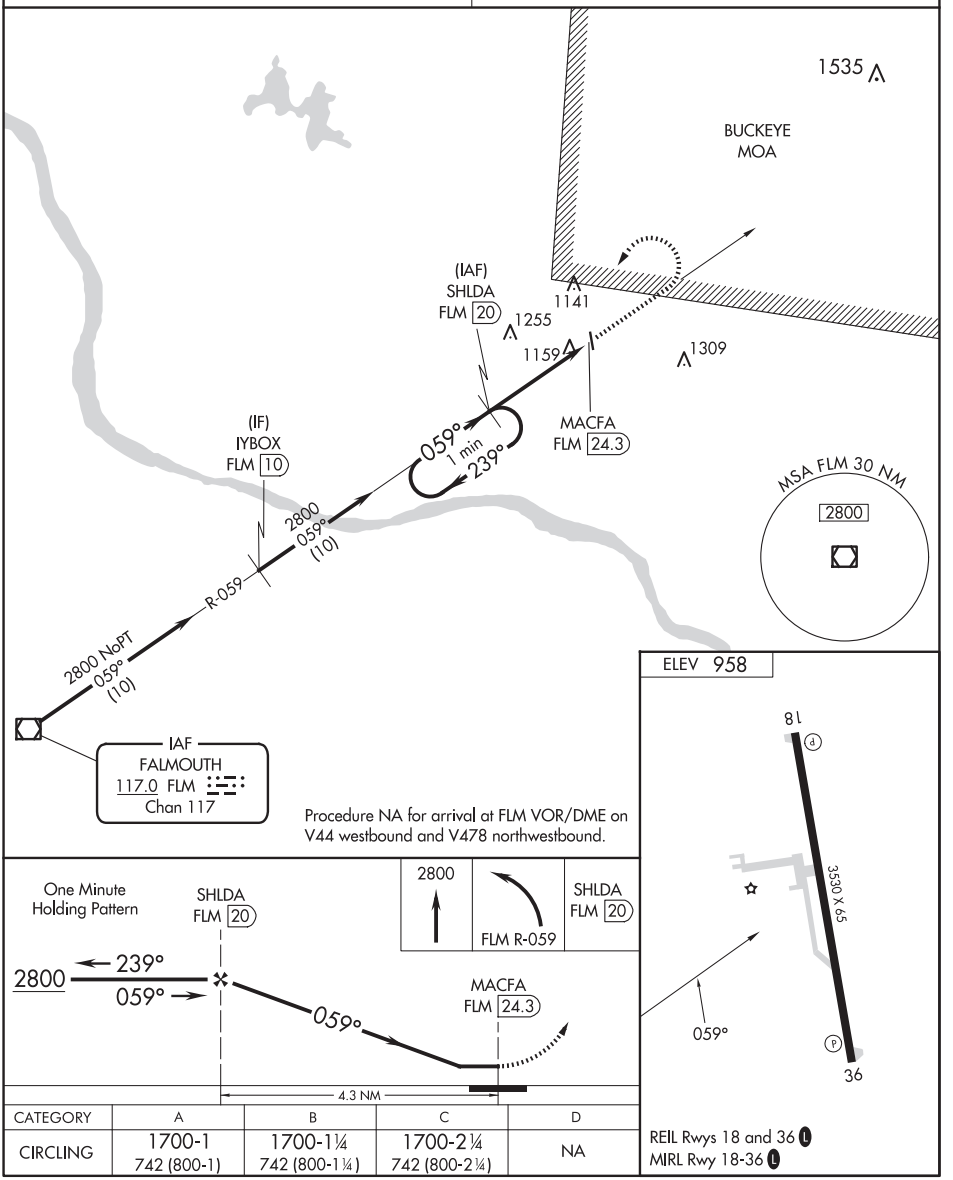
VOR/DME FLM	APP CRS	Rwy Idg	N/A
117.0	059°	TDZE	N/A
Chan 117		Apt Elev	958

Use Cincinnati/Northern Kentucky Intl, KY altimeter setting. Procedure NA at night. Helicopter visibility reduction below 1 SM NA.

NA

MISSED APPROACH: Climb to 2800 then left turn via FLM VOR/DME R-059 to SHLDA 20 DME and hold.

INDIANAPOLIS CENTER	CTAF (L)
135.575 290.5	122.9



CATEGORY	A	B	C	D
CIRCLING	1700-1 742 (800-1)	1700-1¼ 742 (800-1¼)	1700-2¼ 742 (800-2¼)	NA

REIL Rwys 18 and 36 (L)
MIRL Rwy 18-36 (L)

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

GOSHEN, INDIANA | AL-171 (FAA) | 25163

ILS or LOC RWY 27

GOSHEN MUNI (GSH)

LOC I-GSH	APP CRS	Rwy Ldg	6050
108.3	273°	TDZE	826
		Apt Elev	826

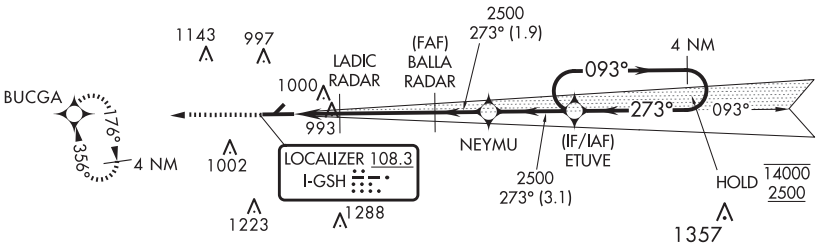
RNP APCH - GPS.

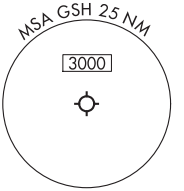
RADAR required to define BALLA and LADIC.

T NA — Circling NA to Rwys 5 and 23. Rwy 27 helicopter visibility reduction below ¾ SM NA. When local altimeter setting not received, use ASW altimeter setting: increase DA to 1251 feet and all visibilities ⅛ SM; increase all MDAs 40 feet; increase Cat D Circling visibility ¼ SM.

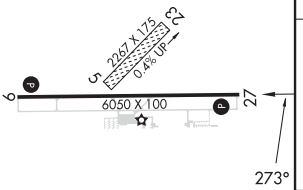
MISSED APPROACH: Climb to 2500 direct BUCGA and hold.

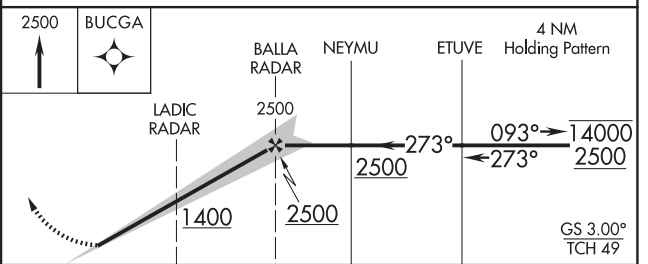
ASOS	SOUTH BEND APP CON ★	CLNC DEL	UNICOM
121.45	132.05 257.8	125.25	123.05 (CTAF) L





ELEV 826 | TDZE 826





CATEGORY	A	B	C	D
S-ILS 27	1212-1⅛ 386 (400-1⅛)			
S-LOC 27	1300-1 474 (500-1)		1300-1⅜	474 (500-1⅜)
CIRCLING	1300-1 474 (500-1)	1320-1 494 (500-1)	1500-2 674 (700-2)	1560-2¼ 734 (800-2¼)

HIRL Rwy 9-27 L
REIL Rwys 9 and 27 L

GOSHEN, INDIANA
Amdt 2 12JUN25

41°32′N-85°48′W

GOSHEN MUNI (GSH)

ILS or LOC RWY 27

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

WAAS	APP CRS	Rwy Ldg	6050
CH 69325	093°	TDZE	820
W09A		Apt Elev	826

RNAV (GPS) RWY 9

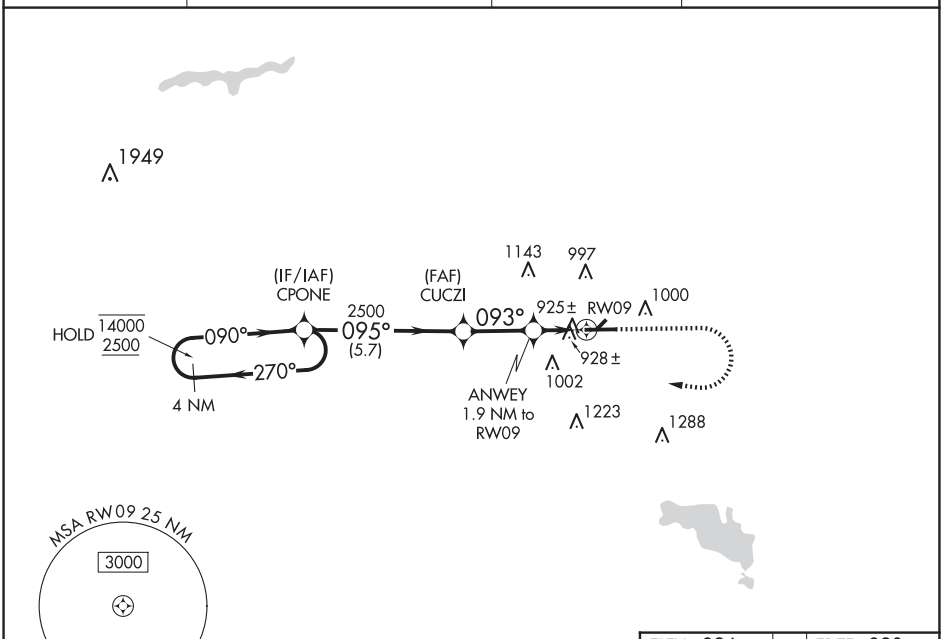
GOSHEN MUNI (GSH)

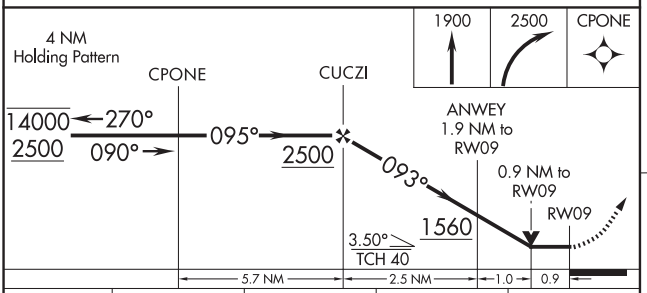
RNP APCH - GPS.

Circling NA to Rwys 5 and 23. Rwy 9 helicopter visibility reduction below ¾ SM NA. VDP NA when using ASW altimeter setting. When local altimeter setting not received, use ASW altimeter setting and increase all MDAs 40 feet; increase LP and LNAV visibility Cat C/D ⅛ SM and Circling visibility Cat D ¼ SM.

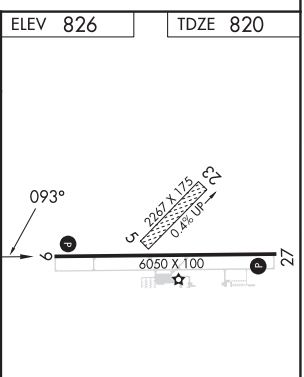
MISSED APPROACH: Climb to 1900 then climbing right turn to 2500 direct CPONE and hold.

ASOS	SOUTH BEND APP CON★	CLNC DEL	UNICOM
121.45	132.05 257.8	125.25	123.05 (CTAF) L





CATEGORY	A	B	C	D
LP MDA		1180-1	360 (400-1)	
LNAV MDA		1200-1	380 (400-1)	
CIRCLING	1300-1 474 (500-1)	1320-1 494 (500-1)	1500-2 674 (700-2)	1560-2¼ 734 (800-2¼)



HIRL Rwy 9-27 L
REIL Rwys 9 and 27 L

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

WAAS	APP CRS	Rwy Ldg	6050
CH 97606	273°	TDZE	826
W27A		Apt Elev	826

RNAV (GPS) RWY 27

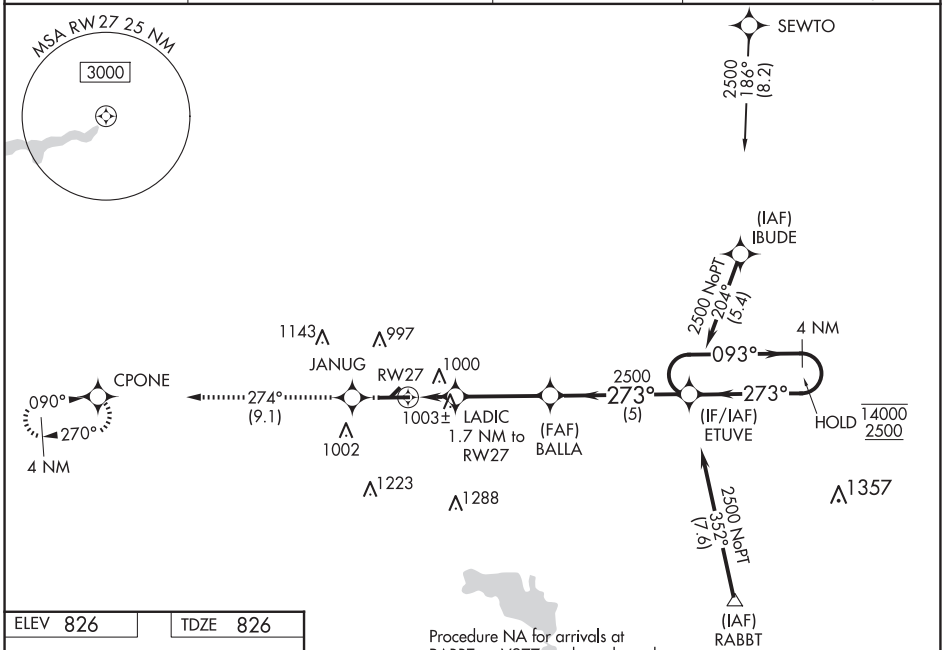
GOSHEN MUNI (GSH)

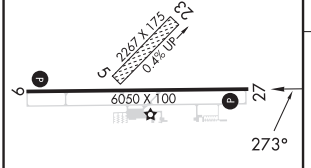
RNP APCH - GPS.

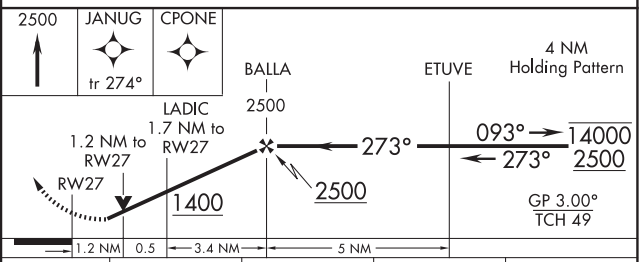
Baro-VNAV and VDP NA when using ASW altimeter setting. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -16°C or above 54°C. Circling NA to Rwys 5 and 23. Rwy 27 helicopter visibility reduction below ¾ SM NA. When local altimeter setting not received, use ASW altimeter setting and increase LPV DA to 1251 feet and all visibilities ⅛ SM. Increase LNAV/VNAV DA to 1346 feet. Increase all MDAs 40 feet and LNAV visibility Cat C/D ⅛ SM, and Circling visibility Cat D ¼ SM.

MISSED APPROACH: Climb to 2500 direct JANUG and on 274° track to CPONE and hold.

ASOS	SOUTH BEND APP CON ★	CLNC DEL	UNICOM
121.45	132.05 257.8	125.25	123.05 (CTAF) L







CATEGORY	A	B	C	D
LPV DA	1212-1⅛ 386 (400-1⅛)			
LNAV/VNAV DA	1307-1⅜ 481 (500-1⅜)			
LNAV MDA	1260-1 434 (500-1)		1260-1¼ 434 (500-1¼)	1260-1½ 434 (500-1½)
CIRCLING	1300-1 474 (500-1)	1320-1 494 (500-1)	1500-2 674 (700-2)	1560-2¼ 734 (800-2¼)

HIRL Rwy 9-27 L
REIL Rwys 9 and 27 L

41°32′N-85°48′W

EC-2, 12 JUN 2025 to 07 AUG 2025

WAAS CH 86906 W18A	APP CRS 184°	Rwy Idg 5002 TDZE 842 Apt Elev 842

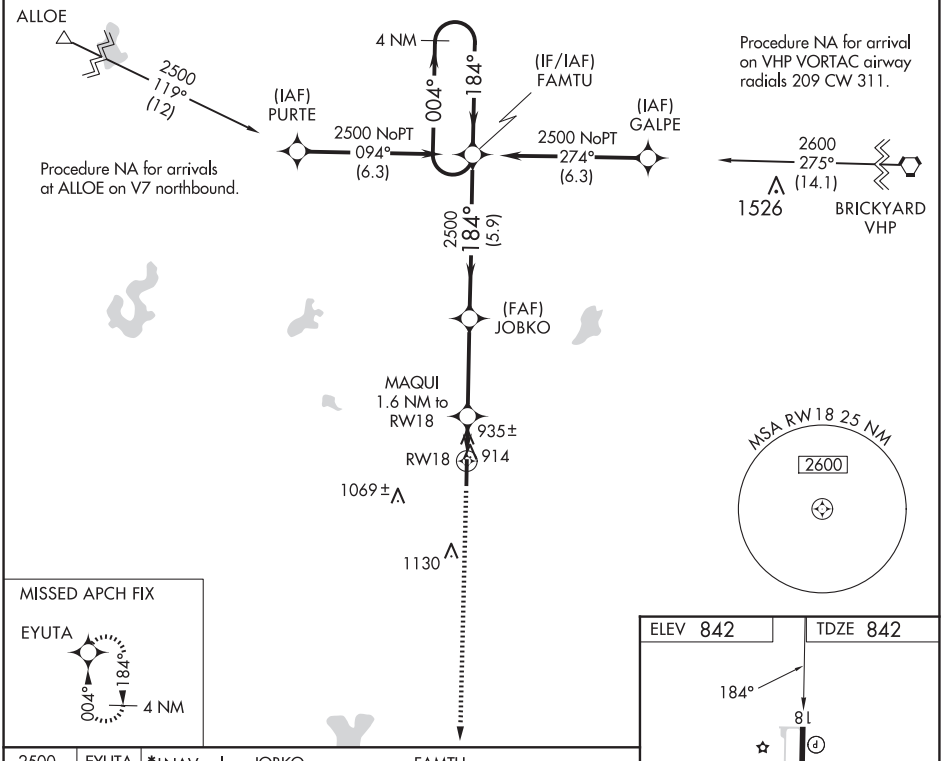
RNAV (GPS) RWY 18

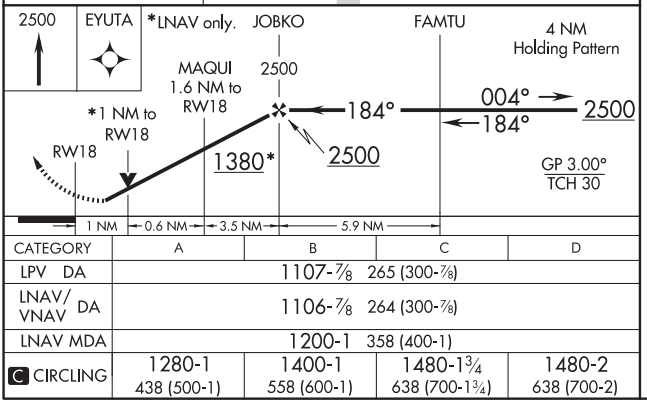
PUTNAM COUNTY RGNL (GPC)

For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -16°C (4°F) or above 54°C (130°F). Rwy 18 helicopter visibility reduction below ¾ SM NA. DME/DME RNP-0.3 NA.

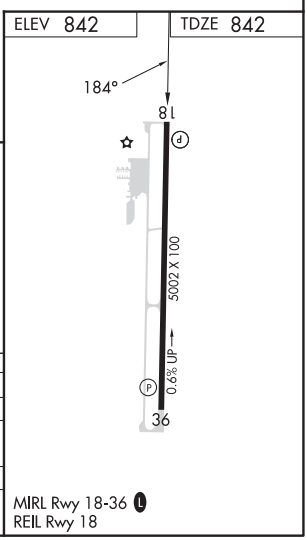
MISSED APPROACH: Climb to 2500 direct EYUTA and hold.

AWOS-3PT	INDIANAPOLIS APP CON	UNICOM
118.125	119.05 317.8	122.8 (CTAF) L





CATEGORY	A	B	C	D
LPV DA	1107-⅞ 265 (300-⅞)			
LNAV/VNAV DA	1106-⅞ 264 (300-⅞)			
LNAV MDA	1200-1 358 (400-1)			
C CIRCLING	1280-1 438 (500-1)	1400-1 558 (600-1)	1480-1¾ 638 (700-1¾)	1480-2 638 (700-2)



MIRL Rwy 18-36 L
REIL Rwy 18

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

GREENCASTLE, INDIANA | AL-6336 (FAA) | 23166

WAAS	APP CRS	Rwy Idg	5002
CH 40306	004°	TDZE	829
W36A		Apt Elev	842

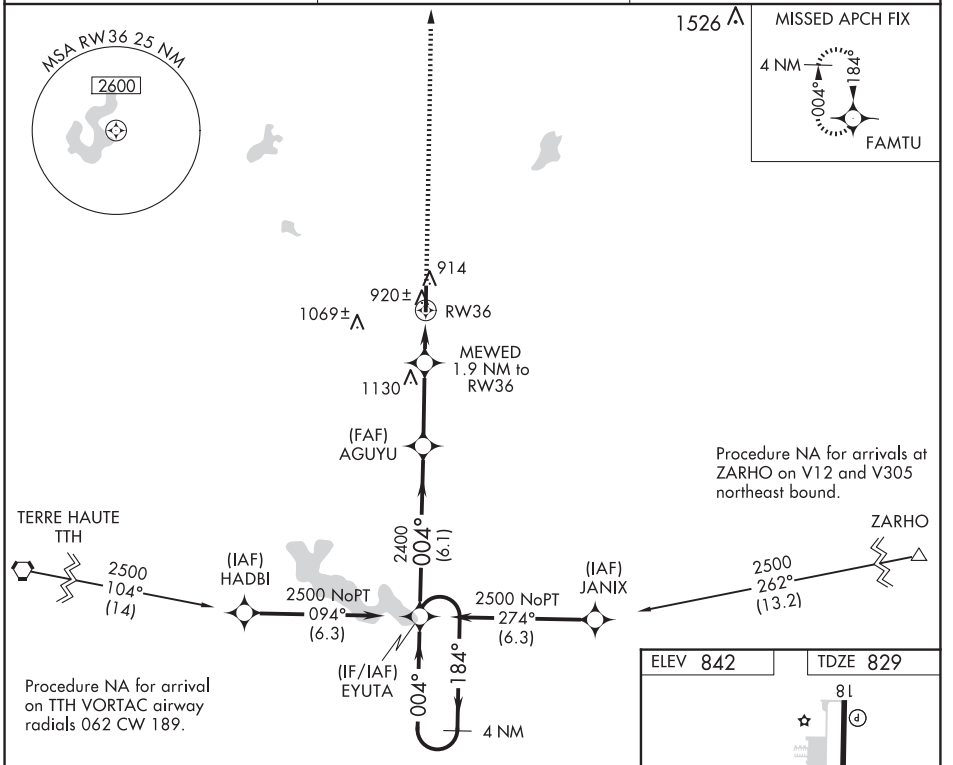
RNAV (GPS) RWY 36

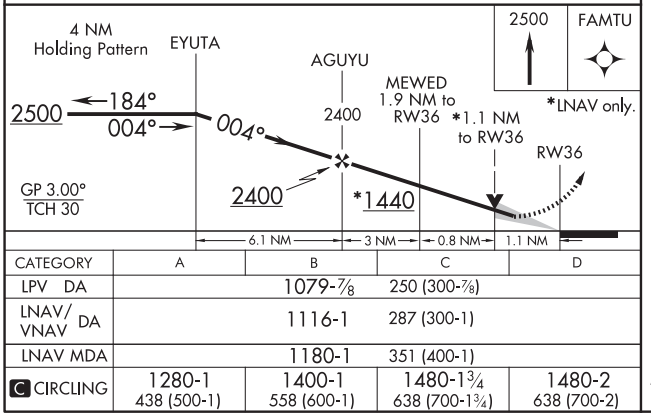
PUTNAM COUNTY RGNL (GPC)

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.

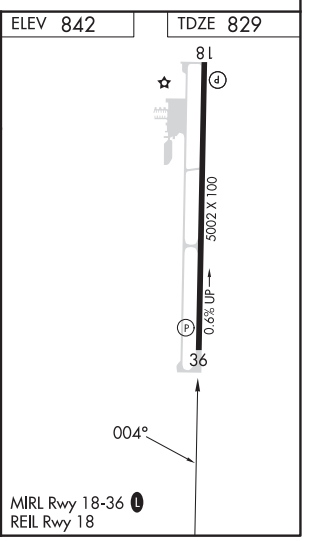
MISSED APPROACH: Climb to 2500 direct FAMTU and hold.

AWOS-3PT	INDIANAPOLIS APP CON	UNICOM
118.125	119.05 317.8	122.8 (CTAF) L





CATEGORY	A	B	C	D
LPV DA		1079-⅞	250 (300-⅞)	
LNAV/VNAV DA		1116-1	287 (300-1)	
LNAV MDA		1180-1	351 (400-1)	
C CIRCLING	1280-1 438 (500-1)	1400-1 558 (600-1)	1480-1¾ 638 (700-1¾)	1480-2 638 (700-2)



GREENCASTLE, INDIANA
Amdt 2 05JAN17

39°38'N-86°49'W

PUTNAM COUNTY RGNL (GPC)
RNAV (GPS) RWY 36

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

VORTAC VHP 116.3 Chan 110	APP CRS 241°	Rwy Idg N/A TDZE N/A Apt Elev 842

VOR-A

PUTNAM COUNTY RGNL (GPC)

DME required.

MISSED APPROACH: Climb to 1700 then climbing right turn to 2500 on VHP VORTAC R-241 to AVAIL/18 DME and hold.

AWOS-3PT 118.125	INDIANAPOLIS APP CON 119.05 317.8	UNICOM 122.8 (CTAF) L

Procedure NA for arrival on VHP VORTAC airway radials 184 CW 278.

IAF BRICKYARD 116.3 VHP Chan 110

1526

2600 241° (10)

2500 241° (8)

(IF) AYOCA VHP 10

1153

061°

914

AVAIL VHP 18

1069 ±

BARAY VHP 23.1

1130

MSA VHP 25 NM 3100

ELEV 842

18L

5002 X 100

0.6% UP

241°

36

1700 | 2500 | VHP R-241 | AVAIL VHP 18

BARAY VHP 23.1

AVAIL VHP 18

AYOCA VHP 10

VHP VORTAC

241° 2600

2600

2500

5.1 NM | 8 NM | 10 NM

CATEGORY	A	B	C	D
C CIRCLING	1420-1	578 (600-1)	1480-1¾ 638 (700-1¾)	1480-2 638 (700-2)

MIRL Rwy 18-36 L

REIL Rwy 18

EC-2, 12 JUN 2025 to 07 AUG 2025

EC-2, 12 JUN 2025 to 07 AUG 2025

GREENSBURG, INDIANA AL-6719 (FAA) 24249

RNAV (GPS) RWY 1

GREENSBURG MUNI (I34)

WAAS	APP CRS	Rwy ldg	5406
CH 62845	010°	TDZE	903
W01A		Apt Elev	909

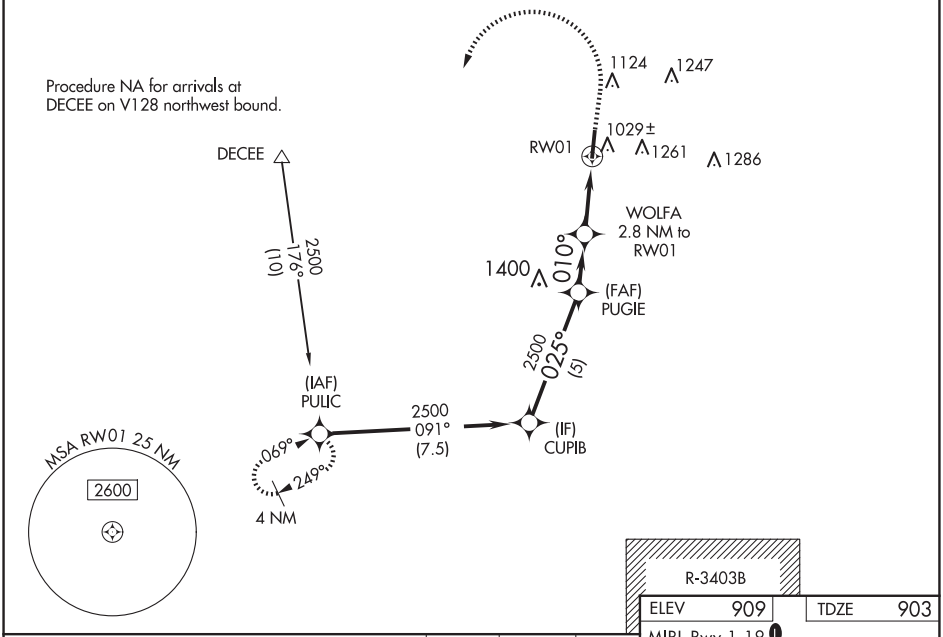
RNP APCH - GPS.

Baro-VNAV NA. Use Columbus Muni altimeter setting, when not received, use Indianapolis Intl altimeter setting: increase LPV DA to 1269 feet; increase LNAV/VNAV DA to 1418 feet; increase all MDAs 40 feet and Circling visibility Cat C ¼ SM.

NA

MISSED APPROACH: Climb to 1440 then climbing left turn to 2500 direct PULIC and hold.

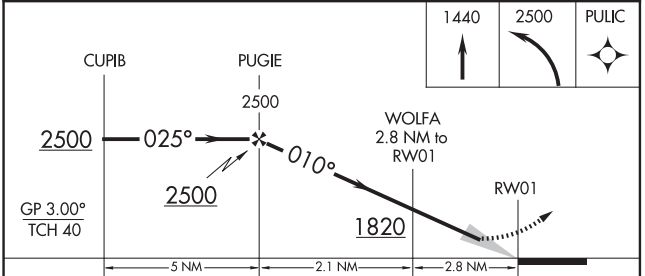
BAK AWOS-3	INDIANAPOLIS APP CON	CTAF
119.75	127.15	122.9 L



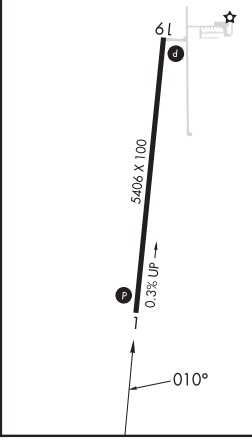
ELEV 909 TDZE 903

MIRL Rwy 1-19 L

REIL Rwy 1 and 19 L



CATEGORY	A	B	C	D
LPV DA	1230-1 327 (400-1)			NA
LNAV/VNAV DA	1379-1⅜ 476 (500-1⅜)			NA
LNAV MDA	1360-1 457 (500-1)		1360-1⅜ 457 (500-1⅜)	NA
CIRCLING	1540-1 631 (700-1)	1640-1 731 (800-1)	1640-2 731 (800-2)	NA



EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

RNAV (GPS) RWY 19

GREENSBURG MUNI (I34)

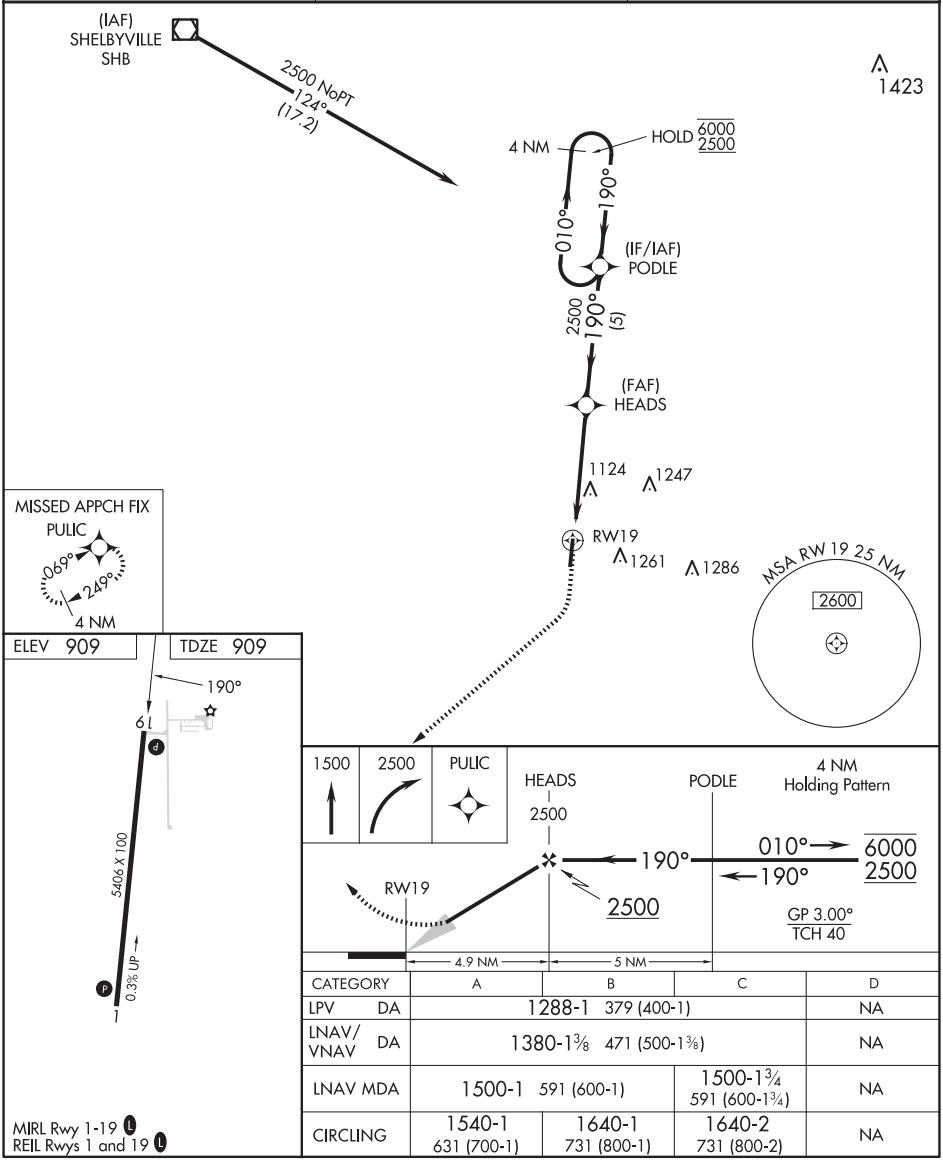
WAAS CH 69245 W19A	APP CRS 190°	Rwy Idg 5406 TDZE 909 Apt Elev 909

RNP APCH - GPS.

T NA Baro-VNAV NA. Use Columbus Muni altimeter setting, when not received, use Indianapolis Intl altimeter setting: increase LPV DA to 1327 feet and all visibilities ⅛ SM; increase LNAV/VNAV DA to 1419 feet; increase all MDAs 40 feet and Circling visibility Cat C ¼ SM.

MISSED APPROACH: Climb to 1500 then climbing right turn to 2500 direct PULIC and hold.

BAK AWOS-3	INDIANAPOLIS APP CON	CTAF
119.75	127.15	122.9 L



CATEGORY	A	B	C	D
LPV DA	1288-1 379 (400-1)			NA
LNAV/VNAV DA	1380-1⅜ 471 (500-1⅜)			NA
LNAV MDA	1500-1 591 (600-1)		1500-1¾ 591 (600-1¾)	NA
CIRCLING	1540-1 631 (700-1)	1640-1 731 (800-1)	1640-2 731 (800-2)	NA

MIRL Rwy 1-19 L
REIL Rwys 1 and 19 L

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

GREENSBURG, INDIANA | AL-6719 (FAA) | 24249

VOR-A

GREENSBURG MUNI (I34)

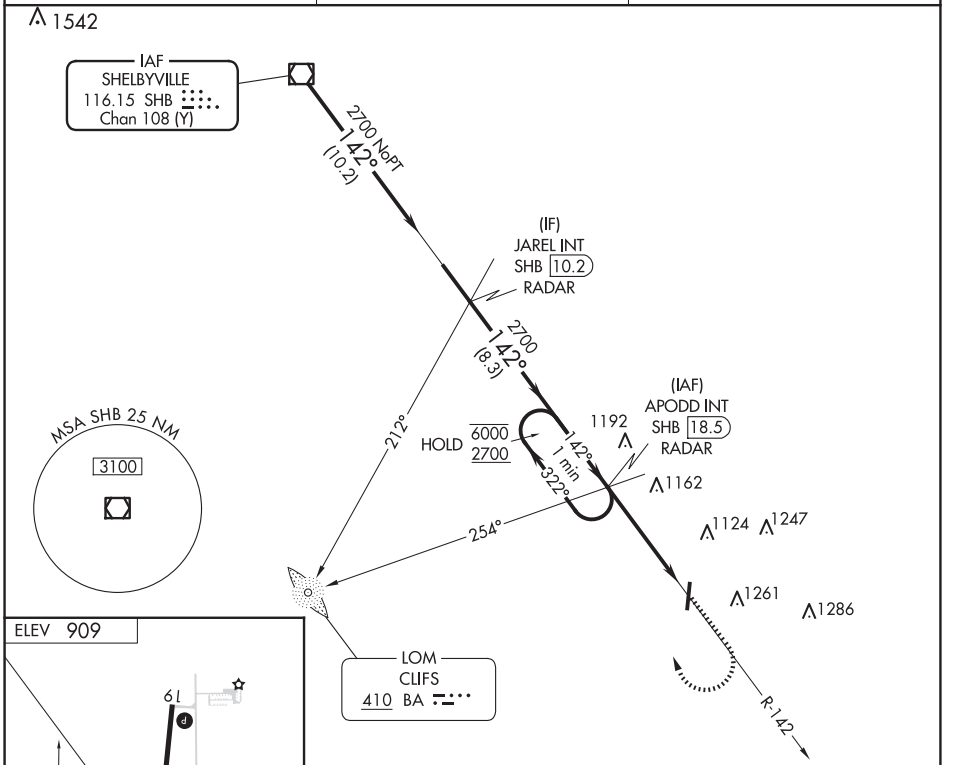
VOR/DME SHB	APP CRS	Rwy Idg	N/A
116.15	142°	TDZE	N/A
Chan 108 (Y)		Apt Elev	909

ADF or RADAR or DME required.

T
NA Use Columbus Muni altimeter setting, when not received, use Indianapolis Intl altimeter setting and increase all MDAs 40 feet and visibility Cat C ¼ SM.

MISSED APPROACH: Climb to 2000 then climbing right turn to 2700 on SHB R-142 to APODD INT/SHB 18.5 DME/RADAR and hold.

BAK AWOS-3	INDIANAPOLIS APP CON	CTAF
119.75	127.15	122.9 L



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
CIRCLING	1540-1 631 (700-1)	1640-1 731 (800-1)	1640-2 731 (800-2)	NA

GREENSBURG, INDIANA
Orig 11JUL24

39°19′N-85°32′W

GREENSBURG MUNI (I34)
VOR-A

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

RNAV (GPS) RWY 8

GRIFFITH-MERRILLVILLE (Ø5C)

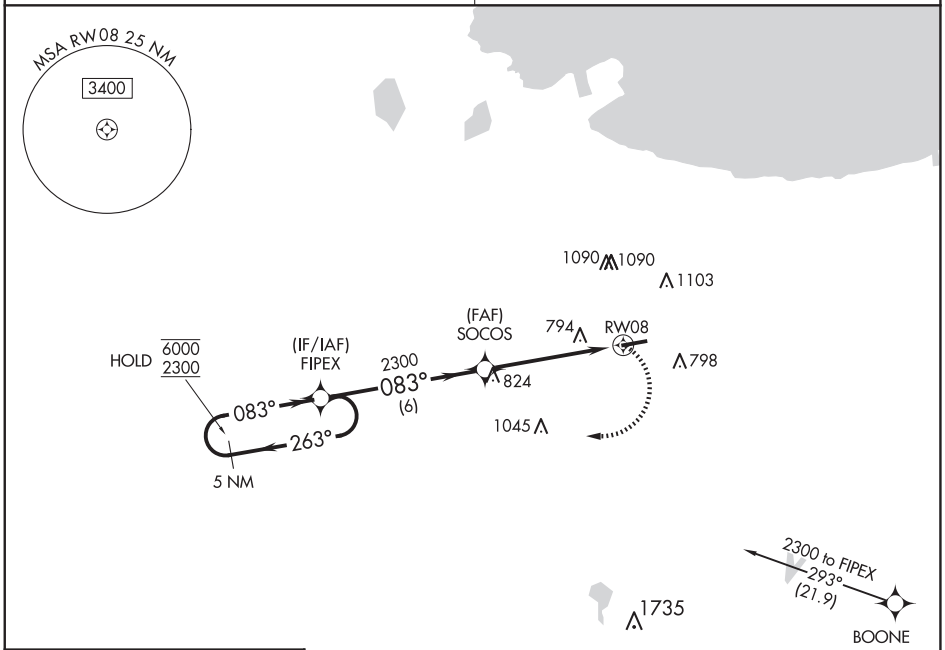
APP CRS	Rwy Ldg	4899
083°	TDZE	634
	Apt Elev	634

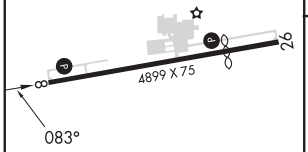
RNP APCH - GPS.

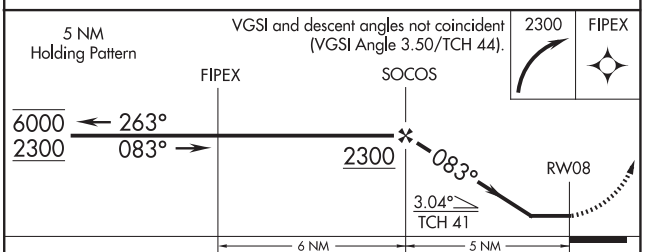
T A NA Procedure NA at night. Obtain local altimeter setting on CTAF; when not received, use Chicago Midway Intl altimeter setting and increase all MDAs 60 feet. Rwy 8 helicopter visibility reduction below 1 SM NA.

MISSED APPROACH: Climbing right turn to 2300 direct FIPEX and hold.

CHICAGO APP CON	UNICOM
133.1 285.6	123.0 (CTAF) L







CATEGORY	A	B	C	D
LNAV MDA	1080-1	446 (500-1)	NA	
C CIRCLING	1200-1	566 (600-1)	NA	

REIL Rwy 8 and 26 L
MIRL Rwy 8-26 L

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

GRIFFITH, INDIANA | AL-5431 (FAA) | 25163

RNAV (GPS) RWY 26

GRIFFITH-MERRILLVILLE (Ø5C)

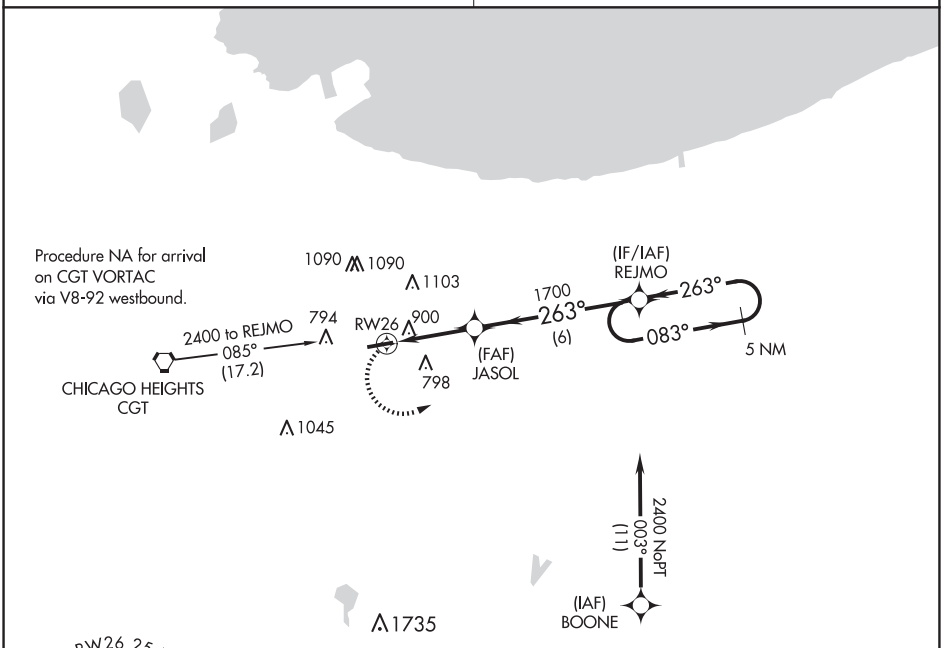
APP CRS	Rwy Ldg	3779
263°	TDZE	632
	Apt Elev	634

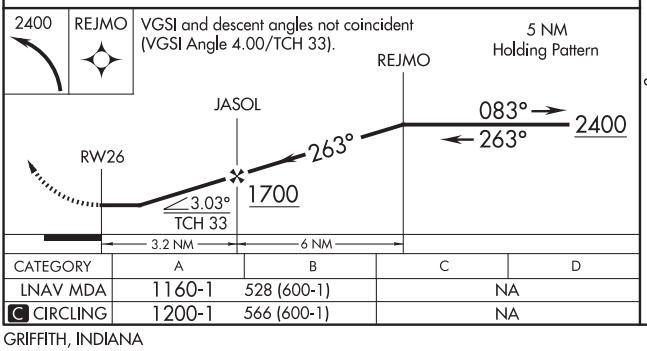
RNP APCH.

T NA — Obtain local altimeter setting on CTAF; when not received use Chicago Midway Intl altimeter setting and increase all MDAs 60 feet. Visibility reduction by helicopters NA. Procedure NA at night.

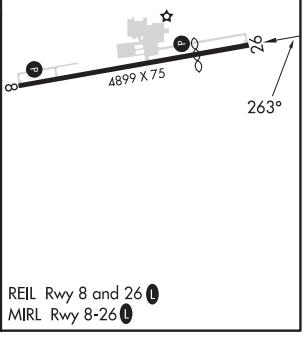
MISSED APPROACH: Climbing left turn to 2400 direct REJMO and hold.

CHICAGO APP CON	UNICOM
133.1 285.6	123.0 (CTAF) L





CATEGORY	A	B	C	D
LNAV MDA	1160-1	528 (600-1)	NA	
C CIRCLING	1200-1	566 (600-1)	NA	



REIL Rwy 8 and 26 L
MIRL Rwy 8-26 L

GRIFFITH, INDIANA
Orig-B 05NOV20

41°31′N-87°24′W

GRIFFITH-MERRILLVILLE (Ø5C)

RNAV (GPS) RWY 26

EC-2, 12 JUN 2025 to 07 AUG 2025

EC-2, 12 JUN 2025 to 07 AUG 2025

VOR RWY 8

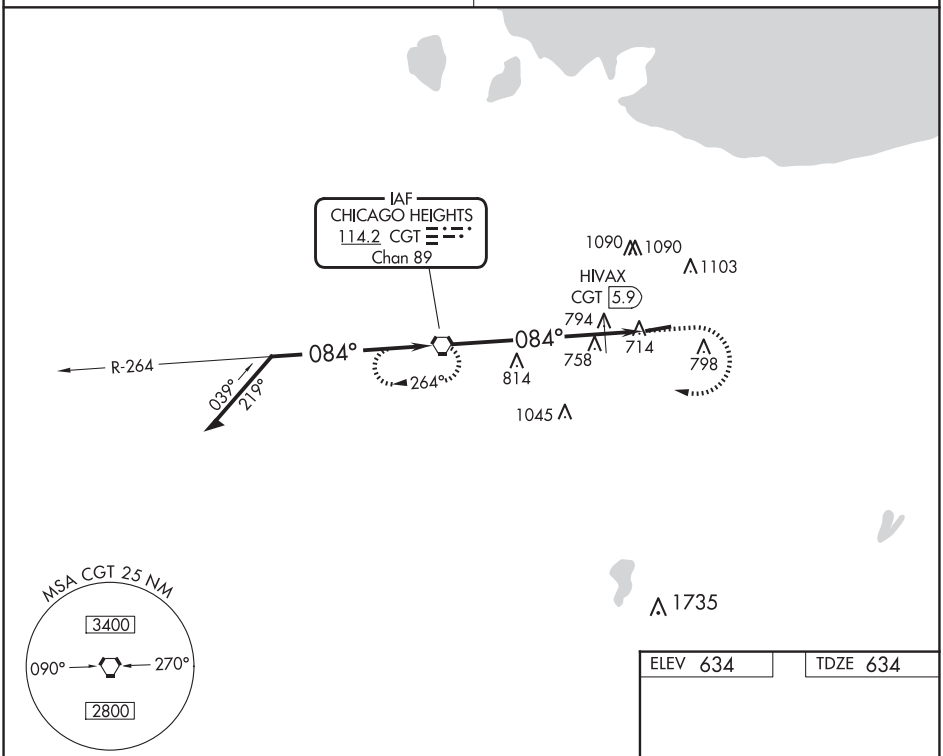
GRIFFITH-MERRILLVILLE (Ø5C)

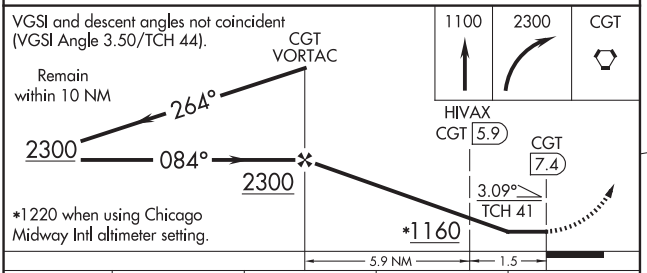
VORTAC CGT	APP CRS	Rwy Ldg	4899
114.2	084°	TDZE	634
Chan 89		Apt Elev	634

T A NA — Obtain local altimeter setting on CTAF; when not received, use Chicago Midway Intl altimeter setting and increase all MDAs 60 feet. Visibility reduction by helicopters NA. Procedure NA at night.

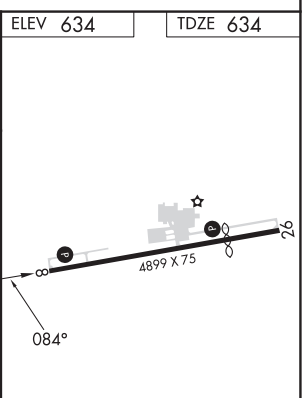
MISSED APPROACH: Climb to 1100 then climbing right turn to 2300 direct CGT VORTAC and hold.

CHICAGO APP CON	UNICOM
133.1 285.6	123.0 (CTAF) L





CATEGORY	A	B	C	D
S-8	1160-1	526 (600-1)	NA	
CIRCLING	1200-1	566 (600-1)	NA	
HIVAX FIX MINIMUMS				
S-8	1060-1	426 (500-1)	NA	
CIRCLING	1200-1	566 (600-1)	NA	



REIL Rwy 8 and 26 L
MIRL Rwy 8-26 L

FAF to MAP 7.4 NM

Knots	60	90	120	150	180
Min:Sec	7:24	4:56	3:42	2:58	2:28

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

PERU, INDIANA

ILS or LOC RWY 5

LOC I-GUS	APCH CRS	Rwy ldg 12,501 TDZE 811 Arpt Elev 811
109.5	046°	[USAF]

GRISSOM ARB (KGUS)

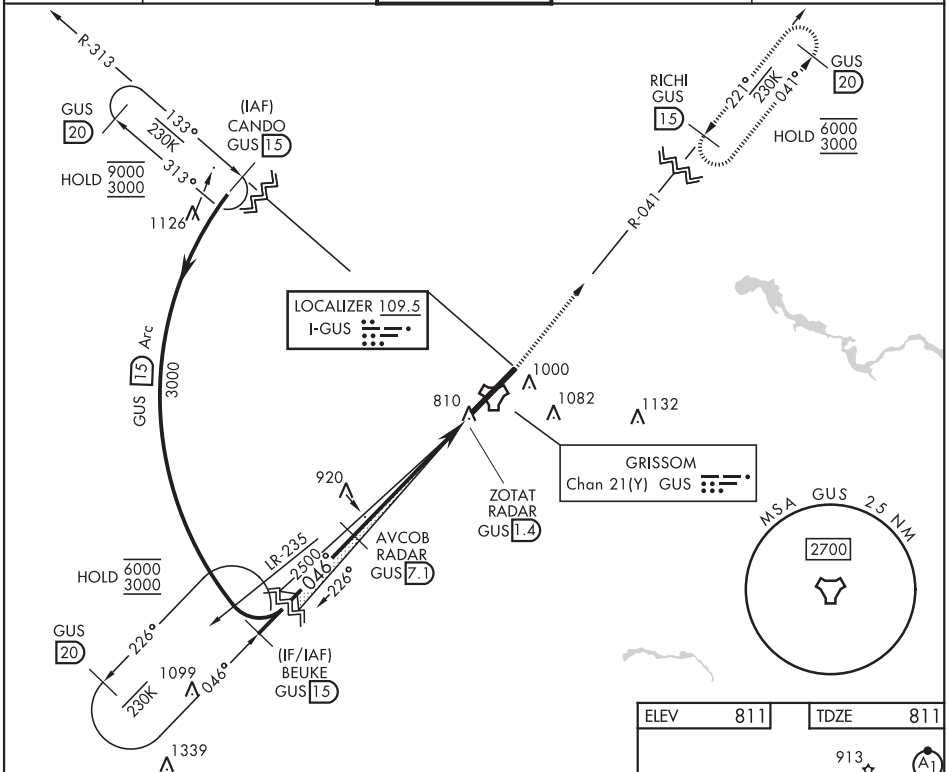
RADAR, TACAN required

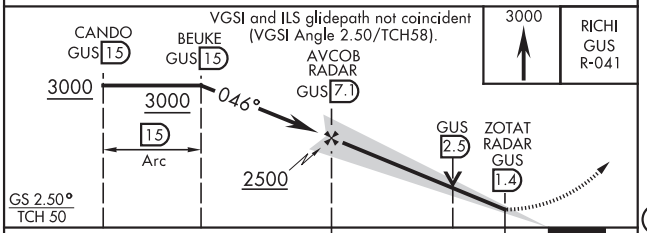
* When ALS inop, increase RVR to 40 and vis to ¾ mile.
** When ALS inop, increase CAT AB RVR to 55 and vis to 1 mile; CAT CDE vis to 1⅜ miles.

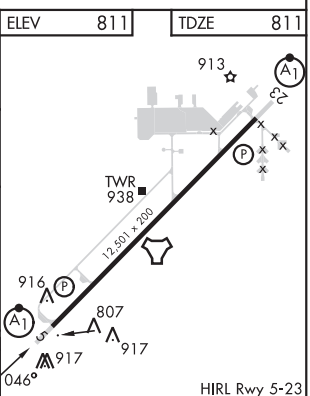
ALSF-1 (A1)

MISSED APPROACH: Climb to 3000 on the GUS TACAN R-041 to RICHI and hold.
Missed approach requires use of RNAV or ATC RADAR monitoring.

ATIS	APP CON	TOWER★	GND CON	CLNC DEL
132.55 270.8	121.05 351.8 (E) 123.85 291.675 (W)	133.7 290.45	128.425 275.8	128.425 275.8







HIRL Rwy 5-23

CATEGORY	A	B	C	D	E
S-ILS 5 *	1011/24		200 (200-½)		
S-LOC 5 **	1280/24 469 (500-½)		1280/50 469 (500-1)		
C CIRCLING	1340-1 529 (600-1)		1400-1½ 589 (600-1½)	1400-2 589 (600-2)	1440-2¼ 629 (700-2¼)

FAF to MAP 5.7 NM

Knots	60	90	120	150	180
Min:Sec	5:42	3:48	2:51	2:17	1:54

PERU, INDIANA

Amdt 9 11AUG22

40°39′N-86°09′W

GRISSOM ARB (KGUS)

ILS or LOC RWY 5

EC-2, 12 JUN 2025 to 07 AUG 2025

PERU, INDIANA

ILS or LOC RWY 23

LOC I-RSM	APCH CRS	Rwy ldg 12,501 / TDZE 799 / Arpt Elev 811
109.5	226°	[USAF]

GRISSOM ARB (KGUS)

RADAR, TACAN required.

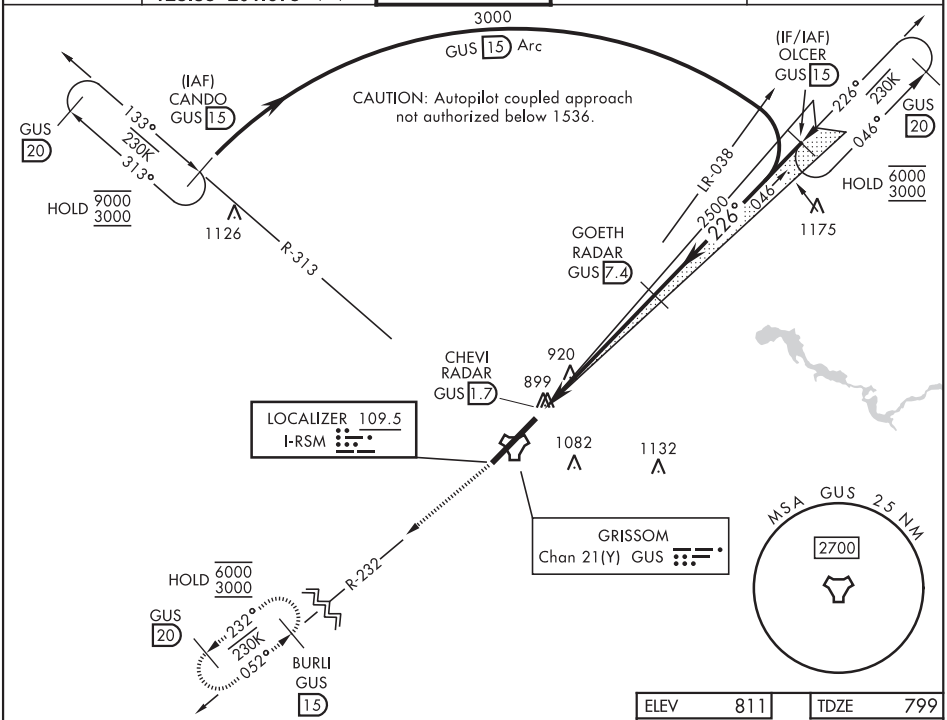
*When ALS inop, increase RVR to 40 and vis to ¾ mile.

**When ALS inop, increase CAT AB RVR to 55 and vis to 1 mile, CAT CDE vis to 1⅜ miles.

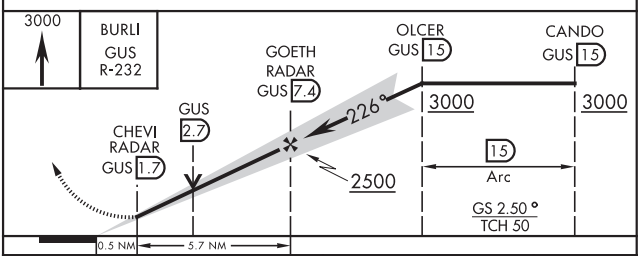
ALSF-1

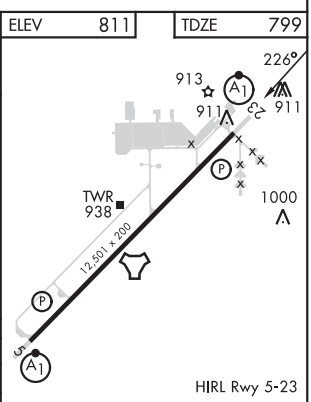
MISSED APPROACH: Climb to 3000 on the GUS TACAN R-232 to BURLI and hold. Missed approach requires use of RNAV or ATC RADAR monitoring.

ATIS	APP CON	TOWER★	GND CON	CLNC DEL
132.55 270.8	121.05 351.8 (E) 123.85 291.675 (W)	133.7 290.45	128.425 275.8	128.425 275.8



EMERG SAFE ALT 100 NM 3500





CATEGORY	A	B	C	D	E
S-ILS 23*	999/24		200	(200-½)	
S-LOC 23**	1260/24 461 (500-½)		1260/50 461 (500-1)		
C CIRCLING	1340-1 529 (600-1)		1400-1½ 589 (600-1½)	1400-2 589 (600-2)	1440-2¼ 629 (700-2¼)

FAF to MAP 5.7 NM					
Knots	60	90	120	150	180
Min:Sec	5:42	3:48	2:51	2:17	1:54

PERU, INDIANA

Amdt 7 14JUL22

40°39'N-86°09'W

GRISSOM ARB (KGUS)

ILS or LOC RWY 23

EC-2, 12 JUN 2025 to 07 AUG 2025

EC-2, 12 JUN 2025 to 07 AUG 2025

25107

PERU, INDIANA

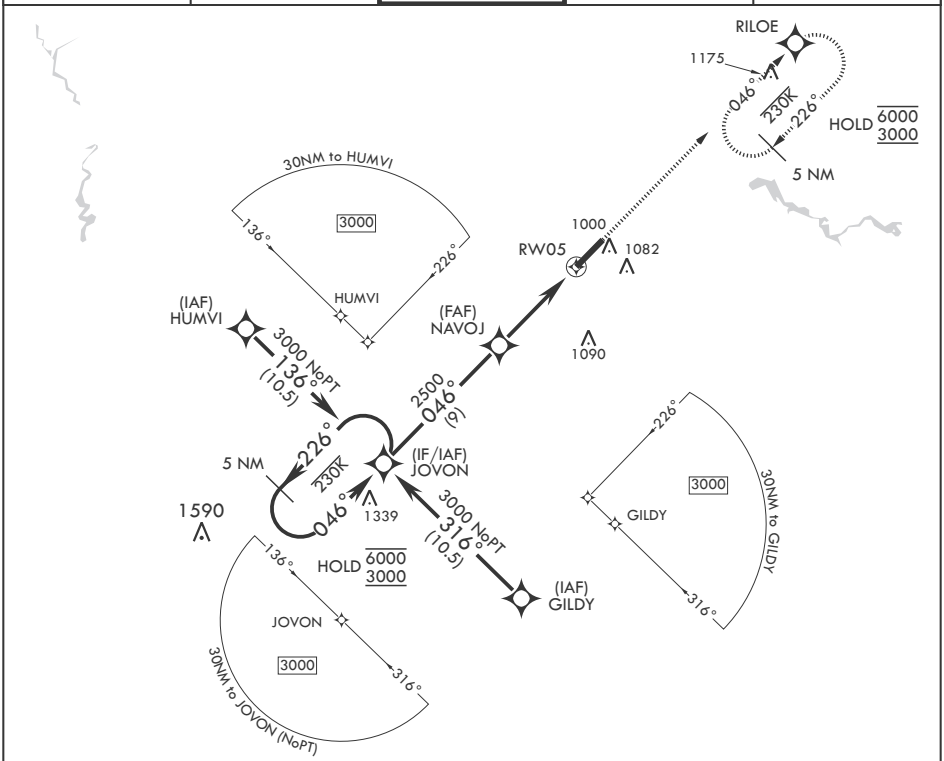
RNAV (GPS) RWY 5

GRISSOM ARB (KGUS) - (USAF)

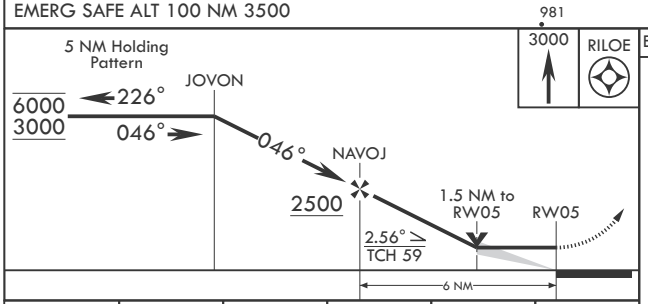
APCH CRS 046°	Rwy ldg 12,501 TDZE 811 Arpt Elev 811

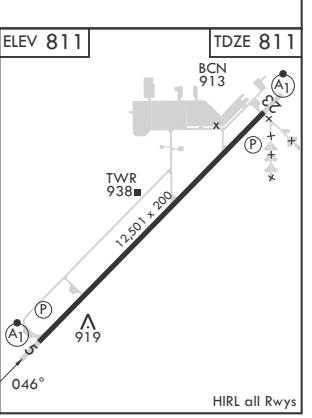
RNP APCH	ALSF-1	MISSED APPROACH: Climb to 3000 direct RILOE and hold.
* When ALS inop, increase CAT AB RVR to 55 and vis to 1 mile, CAT CDE vis to 1 3/8 miles.	A1	

ATIS	APP CON/DEP CON	TOWER*	GND CON	CLNC DEL
132.55 270.8	121.05 351.8 E 123.85 291.675 W	133.7 290.45	128.425 275.8	128.425 275.8



EMERG SAFE ALT 100 NM 3500





CATEGORY	A	B	C	D	E
LNAV MDA*	1260/24 449 (500-½)		1260/45 449		(500-⅞)
C CIRCLING	1340-1 529 (600-1)		1400-1½ 589 (600-1½)	1400-2 589 (600-2)	1440-2¼ 629 (700-2¼)

PERU, INDIANA

40°39'N - 86°09'W

GRISSOM ARB (KGUS)

Amdt 7 14JUL22

RNAV (GPS) RWY 5

EC-2, 12 JUN 2025 to 07 AUG 2025

EC-2, 12 JUN 2025 to 07 AUG 2025

PERU, INDIANA

RNAV (GPS) RWY 23

GRISSOM ARB (KGUS)

APCH CRS	Rwy ldg	12,501
226°	TDZE	799
	Arpt Elev	811

- (USAF)

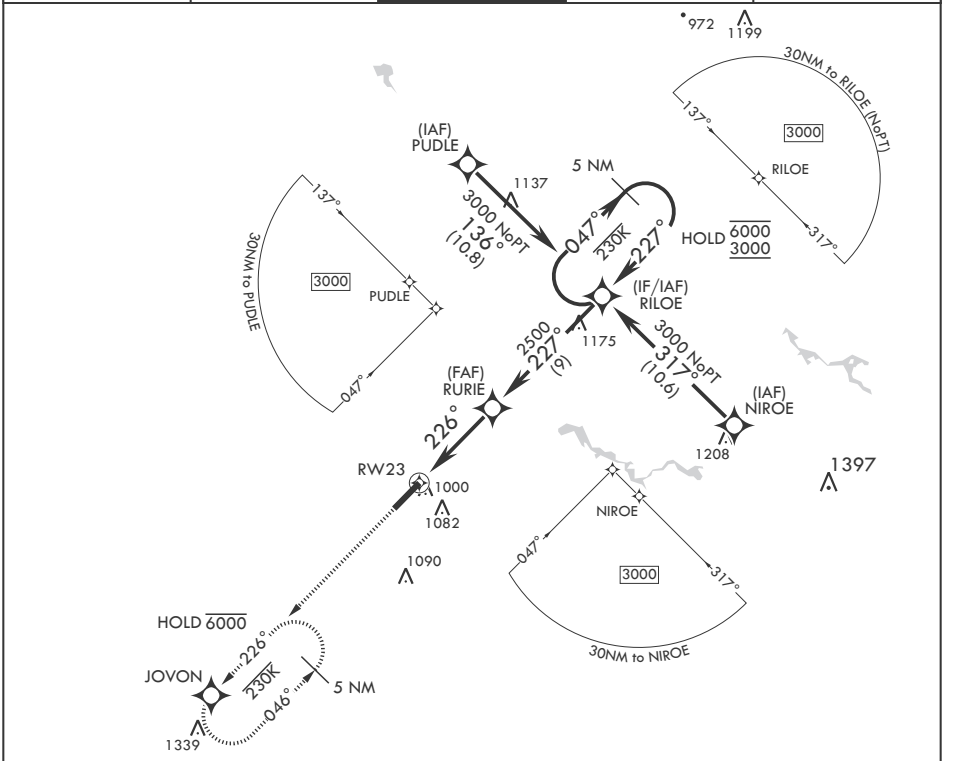
RNP APCH

* When ALS inop, increase CAT AB RVR to 55 and vis to 1 mile, CAT CDE vis to 1 3/8 miles.

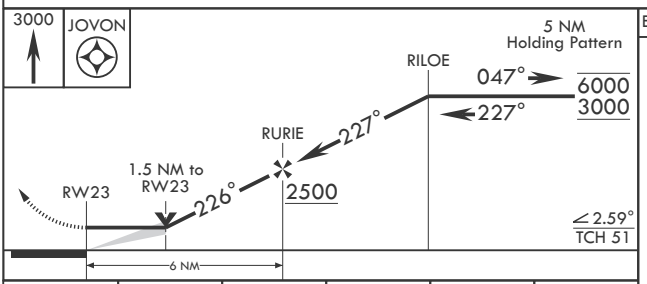
ALSF-1

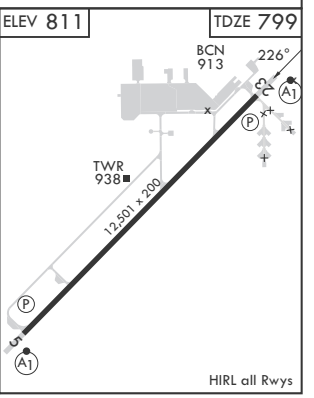
MISSED APPROACH: Climb to 3000 direct JOVON and hold.

ATIS	APP CON/DEP CON	TOWER*	GND CON	CLNC DEL
132.55 270.8	121.05 351.8 E 123.85 291.675 W	133.7 290.45	128.425 275.8	128.425 275.8



EMERG SAFE ALT 100 NM 3500





CATEGORY	A	B	C	D	E
LNAV MDA*	1260/24 461 (500-½)		1260/50 461 (500-1)		
C CIRCLING	1300-1 489 (500-1)		1400-1½ 589 (600-1½)	1400-2 589 (600-2)	1440-2¼ 629 (700-2¼)

PERU, INDIANA

40°39'N - 86°09'W

GRISSOM ARB (KGUS)

Amdt 7 26DEC24

RNAV (GPS) RWY 23

EC-2, 12 JUN 2025 to 07 AUG 2025

EC-2, 12 JUN 2025 to 07 AUG 2025

PERU, INDIANA

TACAN or VOR RWY 5

TACAN	APCH CRS	Rwy ldg	12,501
Chan 21(Y)	052°	TDZE	811
		Arpt Elev	811

[USAF]

GRISSOM ARB (KGUS)

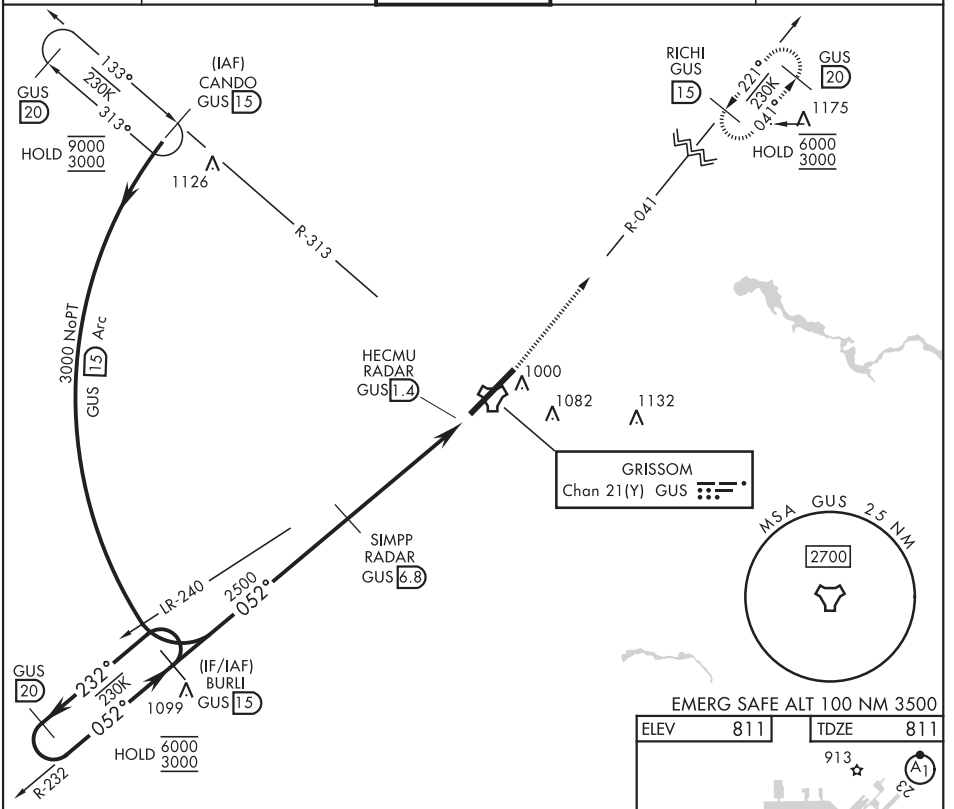
RADAR, DME required

* When ALS inop, increase CAT AB RVR to 55 and vis to 1 mile; CAT CDE vis to 1⅜ miles.

ALSF-1

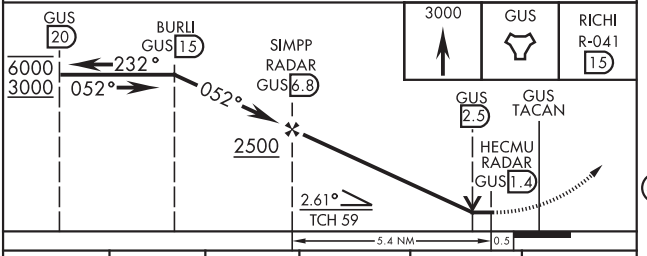
MISSED APPROACH: Climb to 3000 on the GUS TACAN R-041 to RICHI and hold. Missed approach requires use of RNAV or ATC RADAR monitoring.

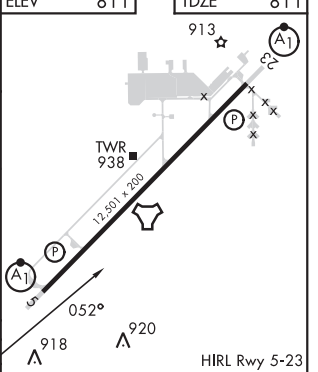
ATIS	APP CON	TOWER ★	GND CON	CLNC DEL
132.55 270.8	121.05 351.8 (E) 123.85 291.675 (W)	133.7 290.45	128.425 275.8	128.425 275.8



EMERG SAFE ALT 100 NM 3500

ELEV	811	TDZE	811





CATEGORY	A	B	C	D	E
S-5 *	1280/24 469 (500-½)		1280/50 469 (500-1)		
C CIRCLING	1340-1 529 (600-1)		1400-1½ 589 (600-1½)	1400-2 589 (600-2)	1440-2¼ 629 (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

40°39′N-86°09′W

TACAN or VOR RWY 5

EC-2, 12 JUN 2025 to 07 AUG 2025

EC-2, 12 JUN 2025 to 07 AUG 2025

PERU, INDIANA

TACAN or VOR RWY 23

TACAN	APCH CRS	Rwy Idg	12,501
Chan 21(Y)	221°	TDZE	799
		Arpt Elev	811

[USAF] GRISSOM ARB (KGUS)

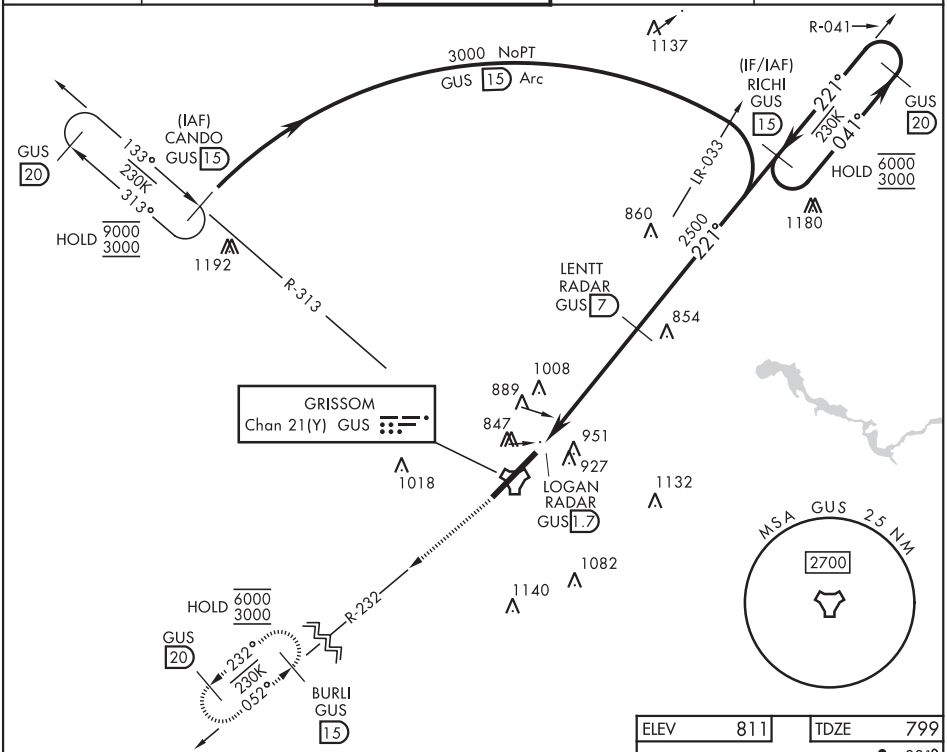
RADAR, DME required

* When ALS inop, increase CAT AB RVR to 55 and vis to 1 mile; CAT CDE vis to 1⅜ miles.

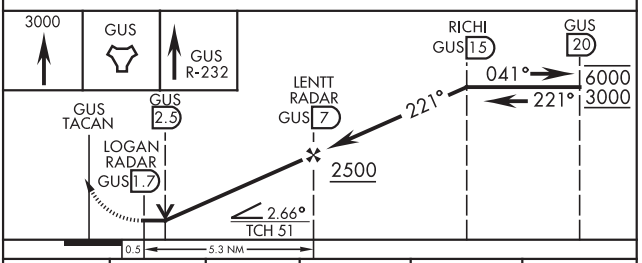
ALSF-1

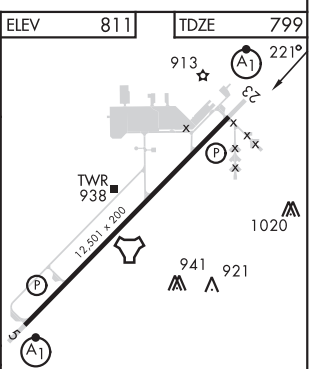
MISSED APPROACH: Climb to 3000 on the GUS TACAN R-232 to BURLI and hold. Missed approach requires use of RNAV or ATC RADAR monitoring.

ATIS	APP CON	TOWER★	GND CON	CLNC DEL
132.55 270.8	121.05 351.8 (E) 123.85 291.675 (W)	133.7 290.45	128.425 275.8	128.425 275.8



EMERG SAFE ALT 100 NM 3500





CATEGORY	A	B	C	D	E
S-23*	1260/24 461 (500-½)		1260/50 461 (500-1)		
C CIRCLING	1340-1 529 (600-1)		1400-1½ 589 (600-1½)	1400-2 589 (600-2)	1440-2¼ 629 (700-2¼)

FAF to MAP 5.3 NM

Knots	60	90	120	150	180
Min:Sec	5:18	3:32	2:39	2:07	1:46

PERU, INDIANA

Amdt 7 11AUG22

40°39′N-86°09′W

GRISSOM ARB (KGUS)

TACAN or VOR RWY 23

EC-2, 12 JUN 2025 to 07 AUG 2025

EC-2, 12 JUN 2025 to 07 AUG 2025

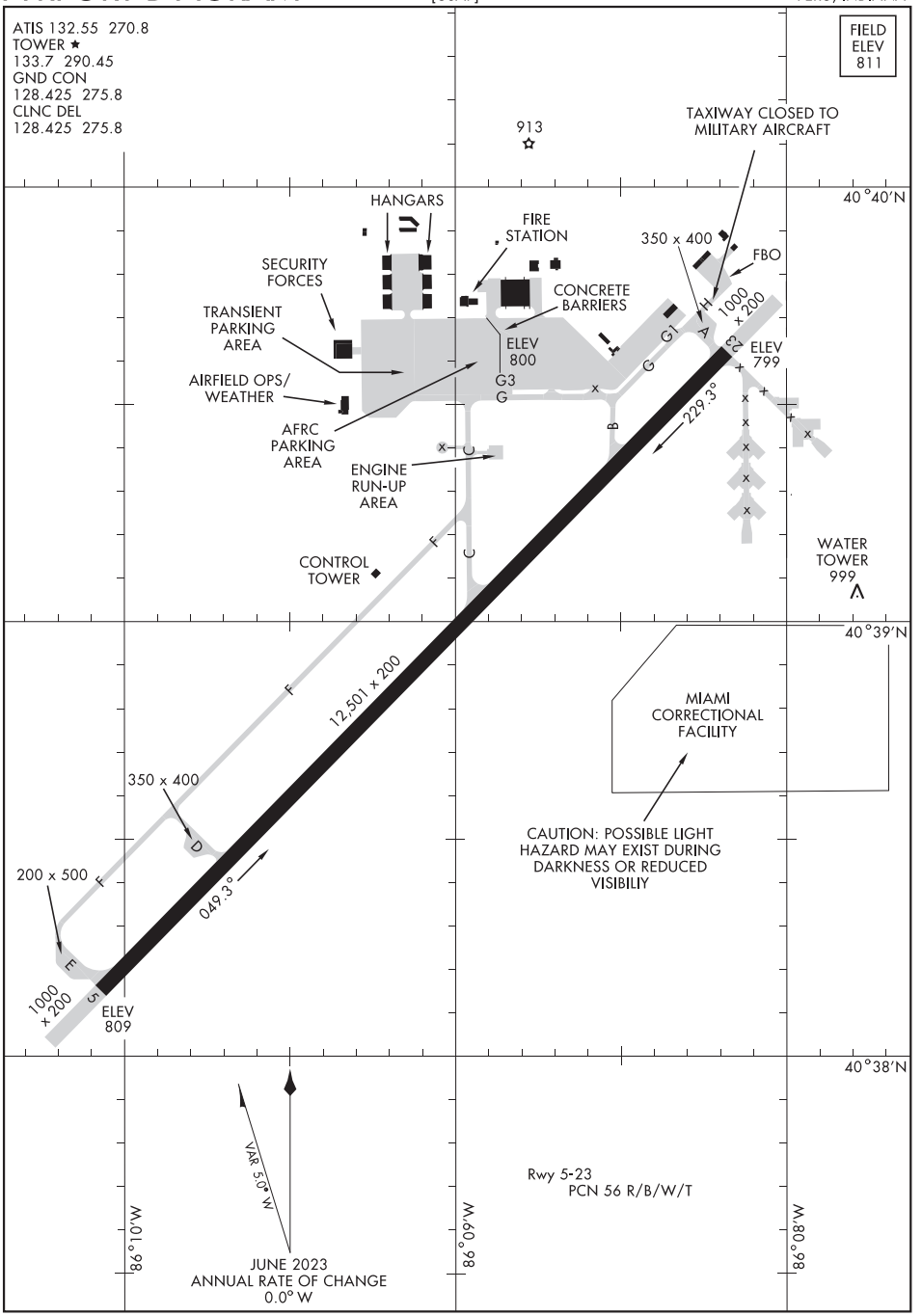
25107

AIRPORT DIAGRAM

GRISSOM ARB (KGUS)

[USAF]

PERU, INDIANA



EC-2, 12 JUN 2025 to 07 AUG 2025

EC-2, 12 JUN 2025 to 07 AUG 2025

AIRPORT DIAGRAM

PERU, INDIANA

GRISSOM ARB (KGUS)

ILS or LOC RWY 30

BUTLER COUNTY RGNL/HOGAN FLD (HAO)

LOC/DME I-RQF	APP CRS	Rwy Idg	5500
109.75	296°	TDZE	619
Chan 34 (Y)		Apt Elev	632

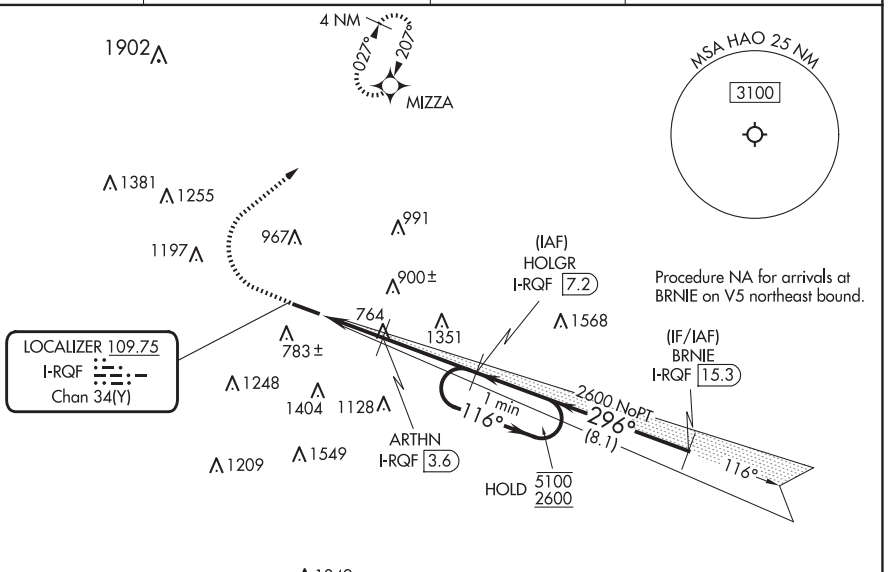
RNP APCH - GPS
DME required.

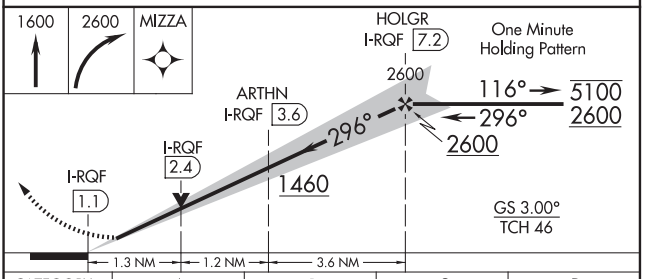
Inop table does not apply to S-ILS 30.

MALS

MISSED APPROACH: Climb to 1600 then climbing right turn to 2600 direct MIZZA and hold.

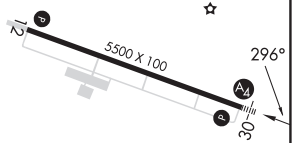
ASOS	CINCINNATI APP CON	CLNC DEL	UNICOM
121.425	121.0 254.25	126.25	123.05 (CTAF) L





CATEGORY	A	B	C	D
S-ILS 30		819-¾	200 (200-¾)	
S-LOC 30	1080-¾	461 (500-¾)	1080-1⅛	461 (500-1⅛)
CIRCLING	1280-1	648 (700-1)	1300-1¾ 668 (700-1¾)	1760-3 1128 (1200-3)

ELEV 632 TDZE 619



MIRL Rwy 12-30 L
REIL Rwys 12 and 30 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

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

RNAV (GPS) RWY 12

BUTLER COUNTY RGNL/HOGAN FLD (HAO)

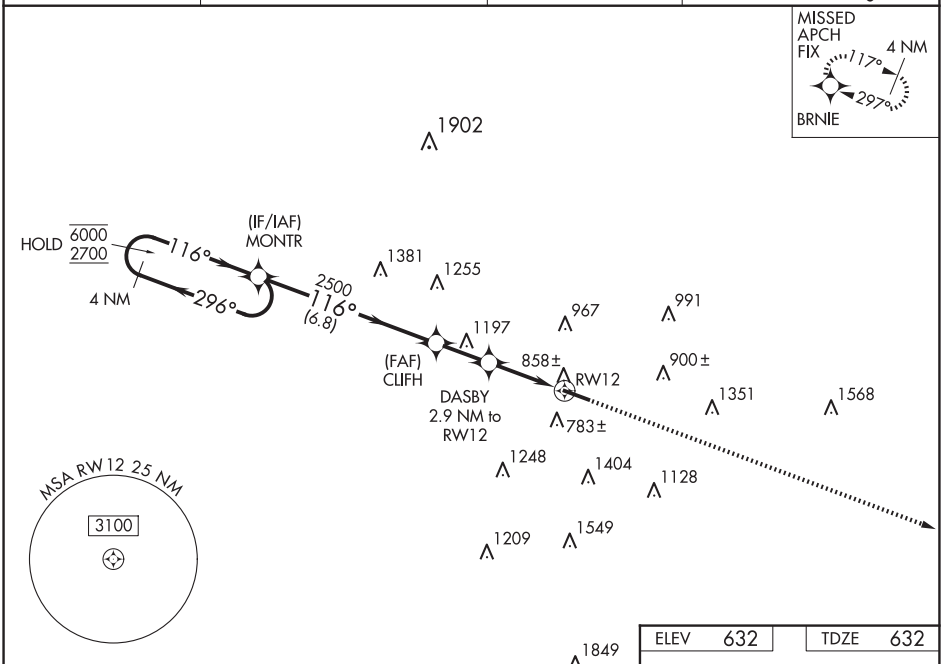
WAAS	APP CRS	Rwy Idg	5500
CH 56600	116°	TDZE	632
W12A		Apt Elev	632

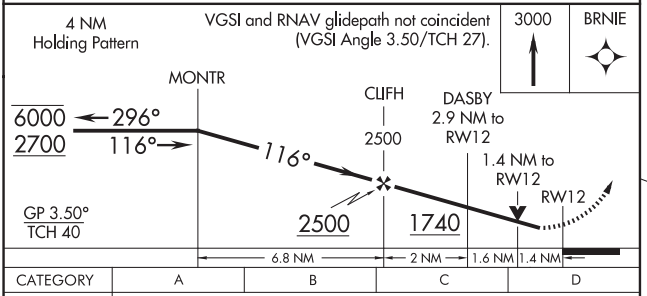
RNP APCH - GPS.

Rwy 12 helicopter visibility reduction below ¾ SM NA.
For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -18°C or above 49°C.

MISSED APPROACH: Climb to 3000 direct BRNIE and hold.

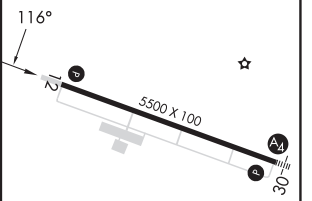
ASOS	CINCINNATI APP CON	CLNC DEL	UNICOM
121.425	121.0 254.25	126.25	123.05 (CTAF) L





CATEGORY	A	B	C	D
LPV DA	1020-1⅛ 388 (400-1⅛)			
LNAV/VNAV DA	1108-1⅜ 476 (500-1⅜)			
LNAV MDA	1160-1 528 (600-1)		1160-1½ 528 (600-1½)	
CIRCLING	1280-1 648 (700-1)		1300-1¾ 668 (700-1¾)	1760-3 1128 (1200-3)

ELEV 632 TDZE 632



MIRL Rwy 12-30 L
REIL Rwys 12 and 30 L

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

RNAV (GPS) RWY 30

BUTLER COUNTY RGNL/HOGAN FLD (HAO)

WAAS	APP CRS	Rwy Idg	5500
CH 61300	296°	TDZE	619
W30A		Apt Elev	632

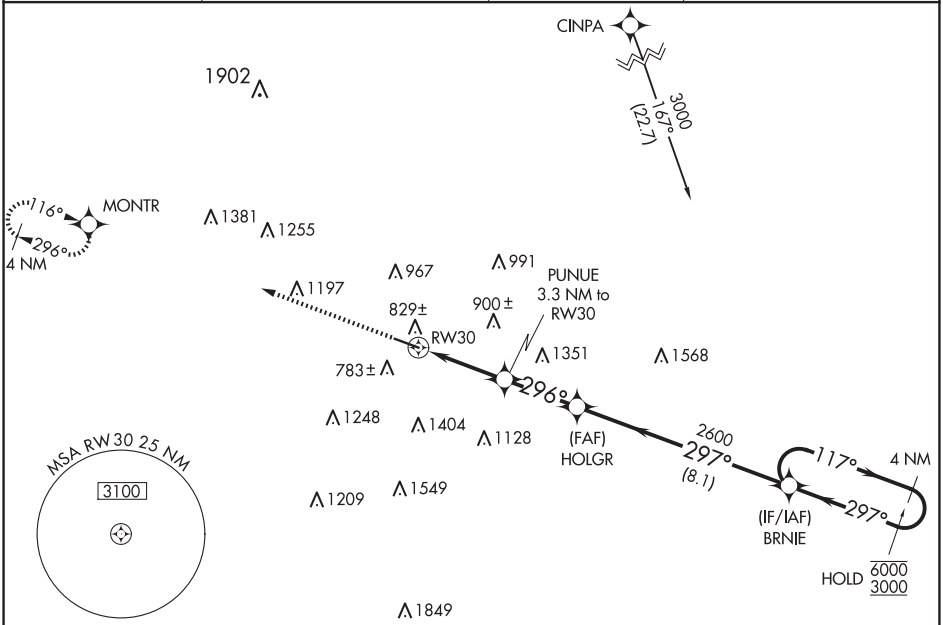
RNP APCH - GPS.

For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -18°C or above 54°C.
Inop table does not apply to LPV.

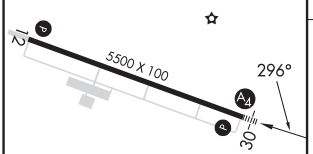
MALS

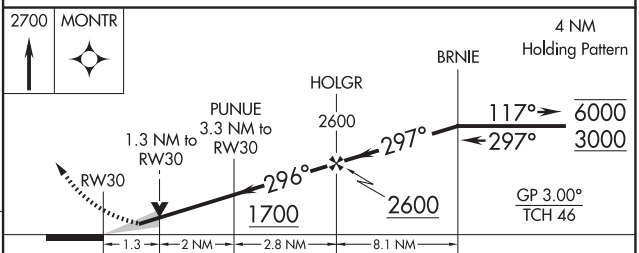
MISSED APPROACH: Climb to 2700 direct MONTR and hold.

ASOS	CINCINNATI APP CON	CLNC DEL	UNICOM
121.425	121.0 254.25	126.25	123.05 (CTAF) L



ELEV 632 TDZE 619





CATEGORY	A	B	C	D
LPV DA	819-¾ 200 (200-¾)			
LNAV/VNAV DA	1080-1⅛ 461 (500-1⅛)			
LNAV MDA	1080-¾ 461 (500-¾)		1080-1⅛ 461 (500-1⅛)	
CIRCLING	1280-1 648 (700-1)		1300-1¾ 668 (700-1¾)	1760-3 1128 (1200-3)

MIRL Rwy 12-30 L
REIL Rwys 12 and 30 L

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

HARRISON, OHIO AL-6433 (FAA) 25163

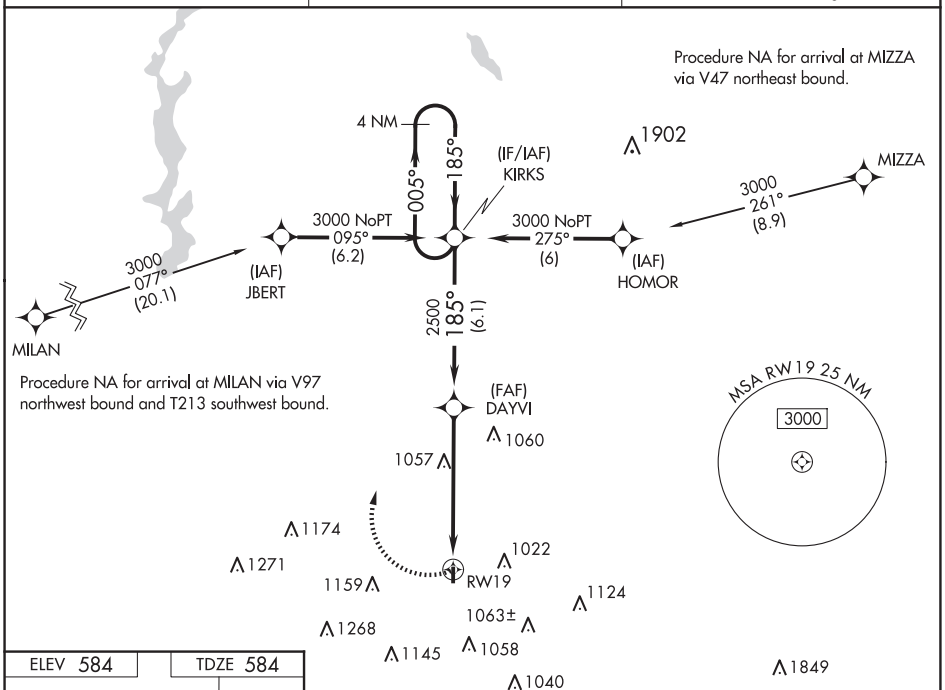
APP CRS	Rwy Idg	2589
185°	TDZE	584
	Apt Elev	584

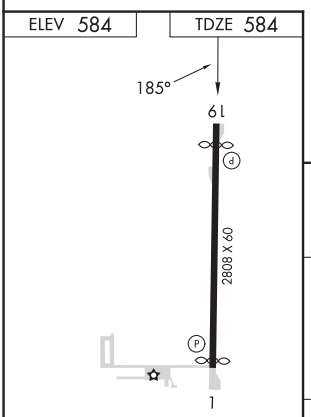
RNAV (GPS) RWY 19
CINCINNATI WEST (I67)

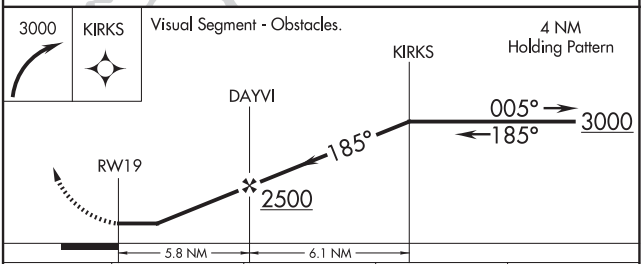
DME/DME RNP-0.3 NA. Rwy 1, 19 helicopter visibility reduction below 1 SM NA. Use Butler Co Rgnl-Hogan Field altimeter setting, when not received, use Cincinnati/Northern Kentucky Intl altimeter setting and increase all MDA 40 feet. Procedure NA at night.

MISSED APPROACH: Climbing right turn 3000 direct KIRKS and hold.

AWOS-3PT	CINCINNATI APP CON	UNICOM
118.15	128.7 254.25	123.0 (CTAF) L







CATEGORY	A	B	C	D
LNAV MDA	1380-1 796 (800-1)	1380-1¼ 796 (800-1¼)	NA	
CIRCLING	1380-1 796 (800-1)	1380-1¼ 796 (800-1¼)	NA	

MIRL Rwy 1-19 L

HARRISON, OHIO
Orig-A 18AUG16

39°16'N-84°46'W

CINCINNATI WEST (I67)
RNAV (GPS) RWY 19

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

WAAS CH 97630 W23A	APP CRS 234°	Rwy Ldg 3520 TDZE 969 Apt Elev 977

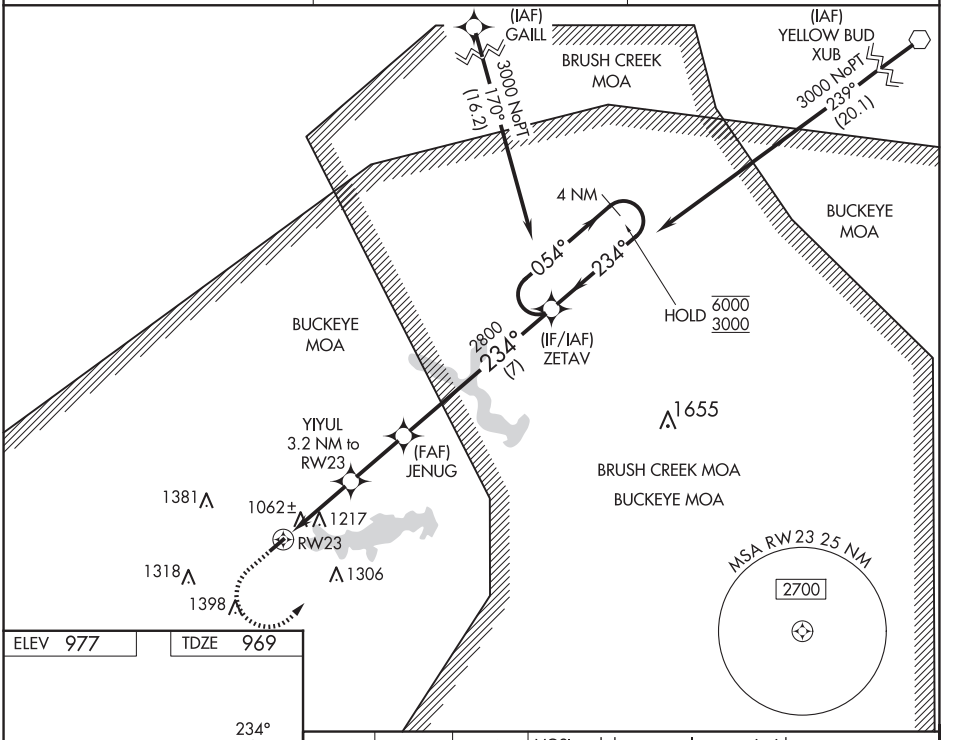
RNAV (GPS) RWY 23
HIGHLAND COUNTY (HOC)

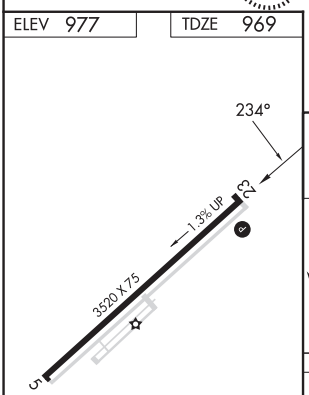
RNP APCH - GPS.

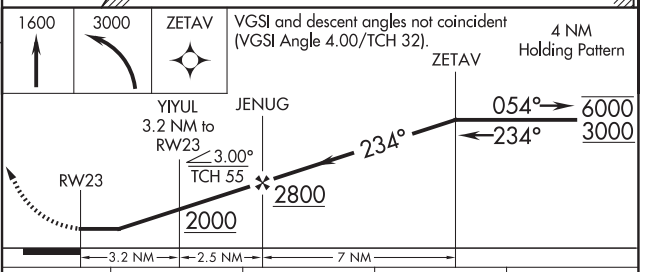
NA Procedure NA at night. Rwy 23 helicopter visibility reduction below 1 SM NA. When local altimeter setting not received, use Wilmington Air Park altimeter setting: increase all MDA 60 feet; increase LNAV Cats C and D visibility ¼ SM, increase LP Cats C and D visibility ⅛ SM, and increase Circling Cats C and D visibility ¼ SM.

MISSED APPROACH: Climb to 1600 then climbing left turn to 3000 direct ZETAV and hold.

AWOS-3	INDIANAPOLIS CENTER	UNICOM
118.175	135.575 290.5	123.05 (CTAF) L







CATEGORY	A	B	C	D
LP MDA	1320-1 351 (400-1)			
LNAV MDA	1480-1 511 (600-1)		1480-1⅜ 511 (600-1⅜)	
CIRCLING	1500-1 523 (600-1)	1520-1 543 (600-1)	1700-2 723 (800-2)	1700-2¼ 723 (800-2¼)

REIL Rwys 5 and 23 L
MIRL Rwy 5-23 L

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

HUNTINGBURG, INDIANA AL-5378 (FAA) 23222

WAAS	APP CRS	Rwy Idg 5501
CH 49207	095°	TDZE 524
W09A		Apt Elev 529

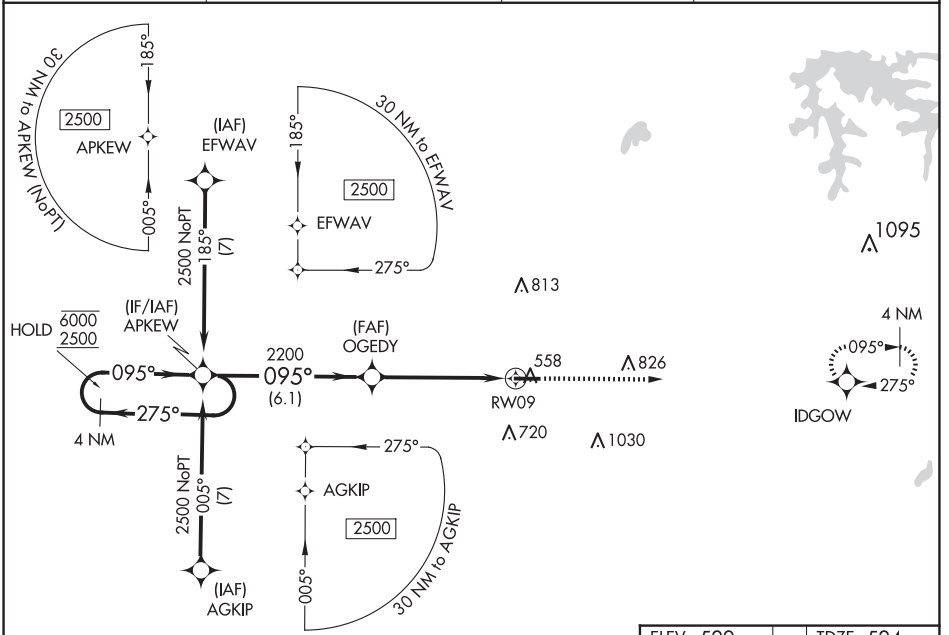
RNAV (GPS) RWY 9
HUNTINGBURG (HNB)

RNP APCH - GPS.

Rwy 9 helicopter visibility reduction below ¾ SM NA. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -16°C or above 54°C.

MISSED APPROACH: Climb to 2500 direct IDGOW and hold.

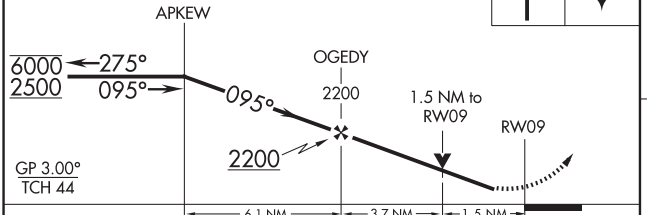
AWOS-3PT	EVANSVILLE APP CON ★	CLNC DEL	UNICOM
118.250	124.025 290.9	118.8	122.8 (CTAF) L

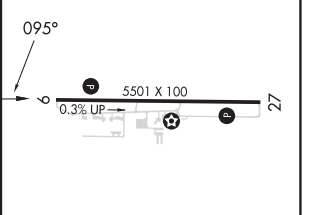


ELEV 529 TDZE 524

VGSI and RNAV glidepath not coincident (VGSI Angle 3.00/TCH 40).

2500 IDGOW





CATEGORY	A	B	C	D
LPV DA	774-¾ 250 (300-¾)			
LNAV/VNAV DA	810-⅞ 286 (300-⅞)			
LNAV MDA	1020-1 496 (500-1)		1020-1⅜ 496 (500-1⅜)	
C CIRCLING	1020-1 491 (500-1)	1040-1 511 (600-1)	1040-1½ 511 (600-1½)	1380-2¾ 851 (900-2¾)

MIRL Rwy 9-27 L
REIL Rwys 9 and 27 L

HUNTINGBURG, INDIANA
Amdt 1A 03NOV22

38°15′N - 86°57′W

HUNTINGBURG (HNB)
RNAV (GPS) RWY 9

EC-2, 12 JUN 2025 to 07 AUG 2025

EC-2, 12 JUN 2025 to 07 AUG 2025

WAAS	APP CRS	Rwy Idg	5501
CH 86815	275°	TDZE	529
W27A		Apt Elev	529

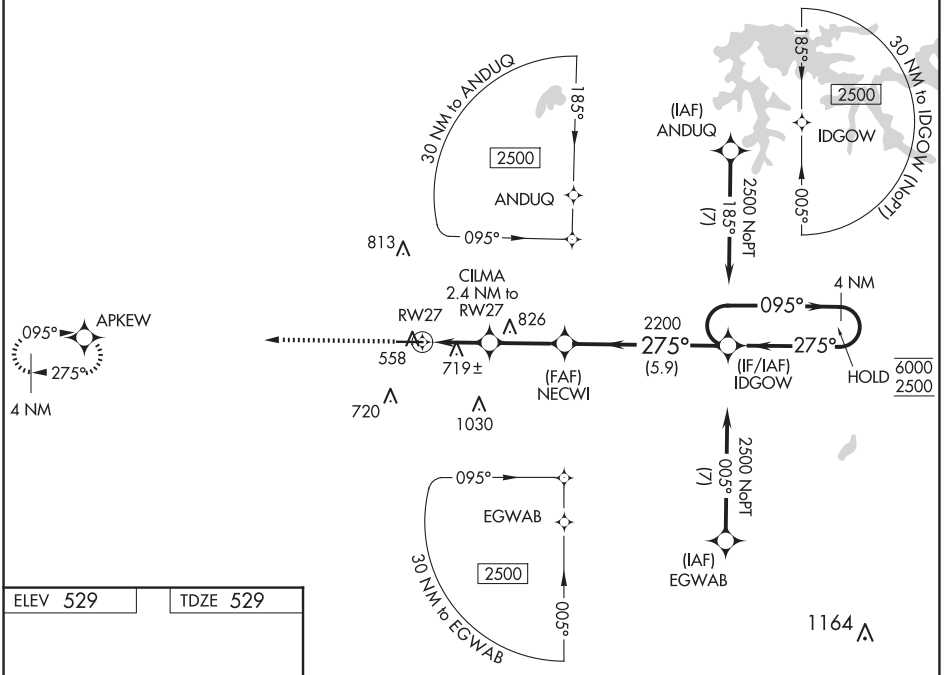
RNAV (GPS) RWY 27
HUNTINGBURG (HNB)

RNP APCH - GPS.

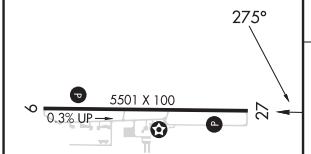
Rwy 27 helicopter visibility reduction below ¾ SM NA. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -16°C or above 54°C.

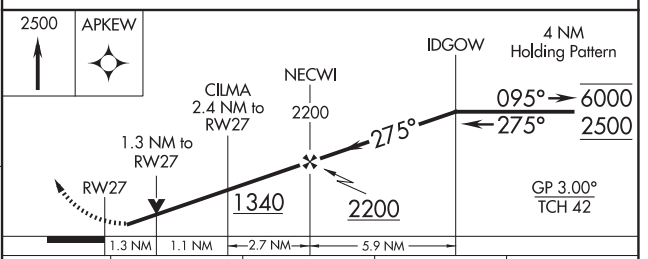
MISSED APPROACH: Climb to 2500 direct APKEW and hold.

AWOS-3PT	EVANSVILLE APP CON ★	CLNC DEL	UNICOM
118.250	124.025 290.9	118.8	122.8 (CTAF) L



ELEV 529 TDZE 529





CATEGORY	A	B	C	D
LPV DA	729-1 200 (200-1)			
LNAV/VNAV DA	1038-1⅜ 509 (600-1⅜)			
LNAV MDA	980-1 451 (500-1)		980-1⅜ 451 (500-1⅜)	
C CIRCLING	1020-1 491 (500-1)	1040-1 511 (600-1)	1040-1½ 511 (600-1½)	1380-2¾ 851 (900-2¾)

MIRL Rwy 9-27 L
REIL Rwys 9 and 27 L

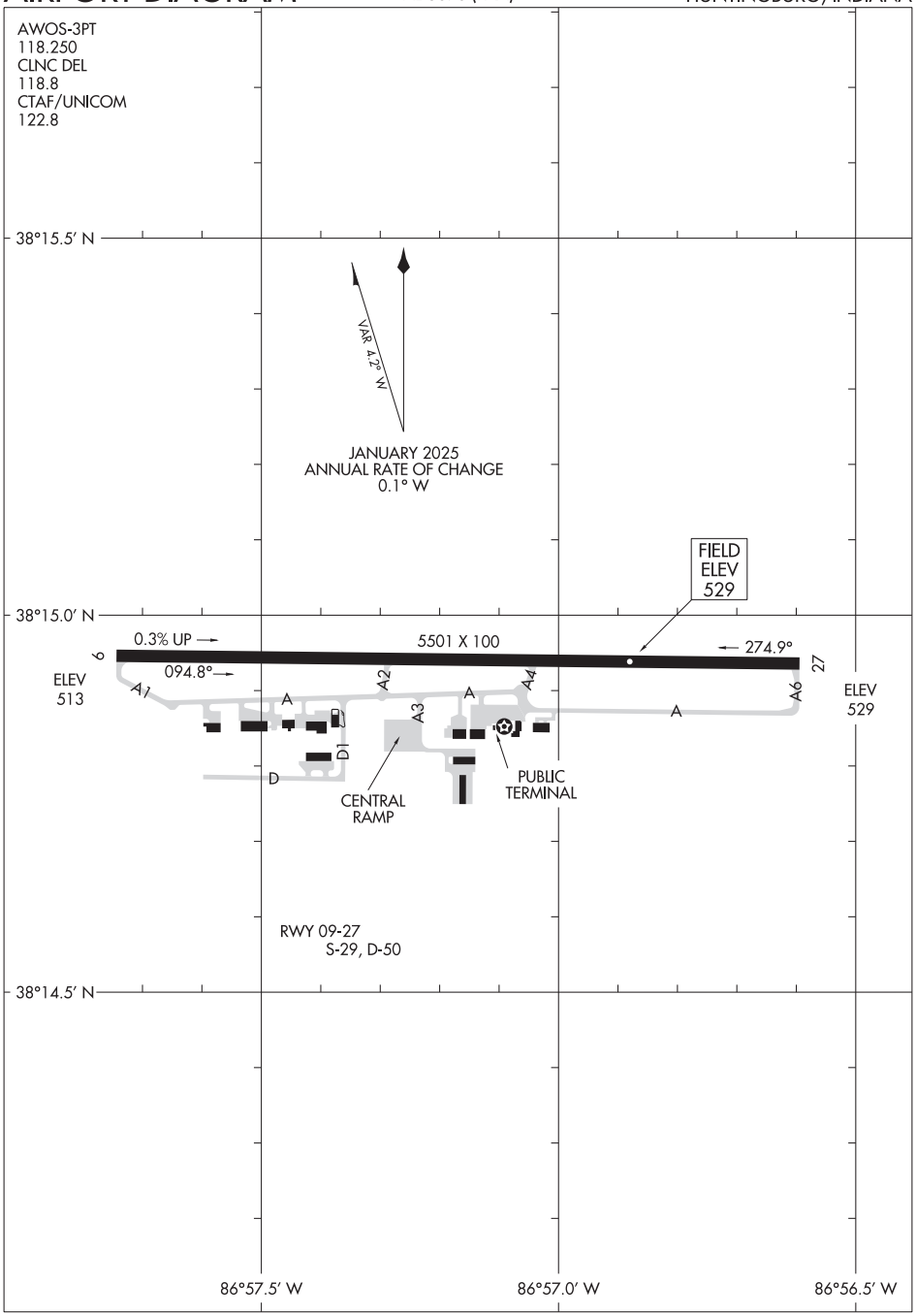
EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

25107

AIRPORT DIAGRAM

AL-5378 (FAA)

HUNTINGBURG (HNB)
HUNTINGBURG, INDIANA



EC-2, 12 JUN 2025 to 07 AUG 2025

EC-2, 12 JUN 2025 to 07 AUG 2025

AIRPORT DIAGRAM

25107

HUNTINGBURG, INDIANA
HUNTINGBURG (HNB)

RNAV (GPS) RWY 10

HUNTINGTON MUNI (HHG)

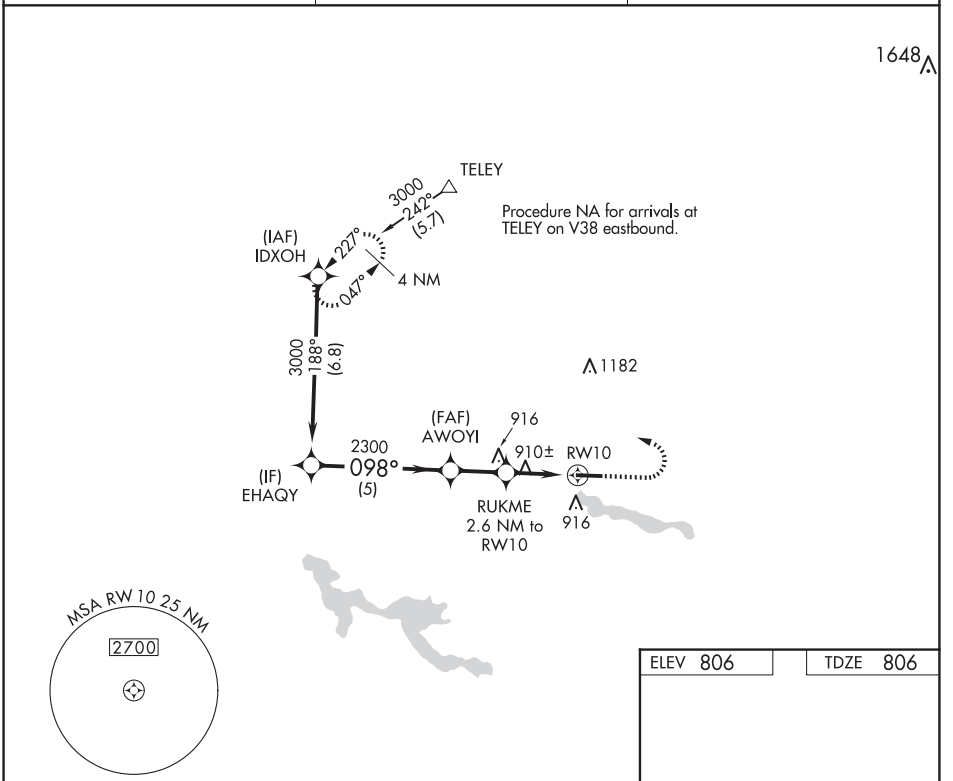
APP CRS	Rwy Idg	5003
098°	TDZE	806
	Apt Elev	806

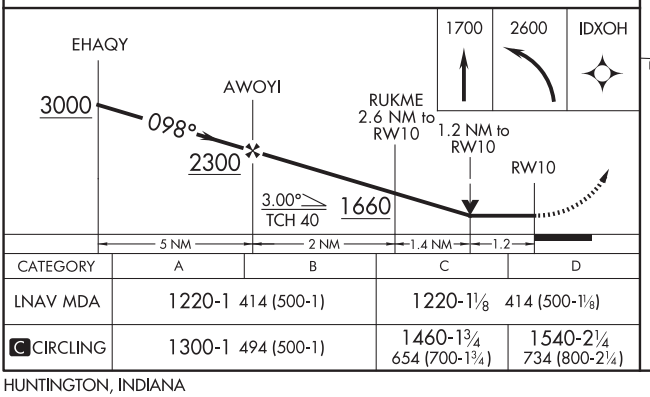
RNP APCH - GPS.

T A Rwy 10 helicopter visibility reduction below ¾ SM NA.

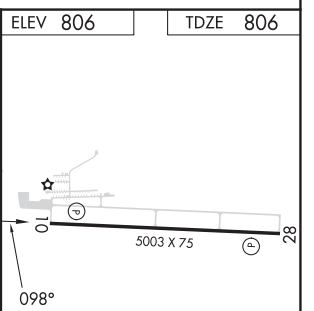
MISSED APPROACH: Climb to 1700 then climbing left turn to 2600 direct IDXOH and hold.

AWOS-3PT	FORT WAYNE APP CON	UNICOM
126.575	127.2 284.6	122.8 (CTAF) L





CATEGORY	A	B	C	D
LNAV MDA	1220-1 414 (500-1)		1220-1⅛ 414 (500-1⅛)	
C CIRCLING	1300-1 494 (500-1)		1460-1¾ 654 (700-1¾)	1540-2¼ 734 (800-2¼)



MIRL Rwy 10-28 L

REIL Rwys 10 and 28 L

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

HUNTINGTON, INDIANA | AL-5767 (FAA) | 23110

RNAV (GPS) RWY 28

HUNTINGTON MUNI (HHG)

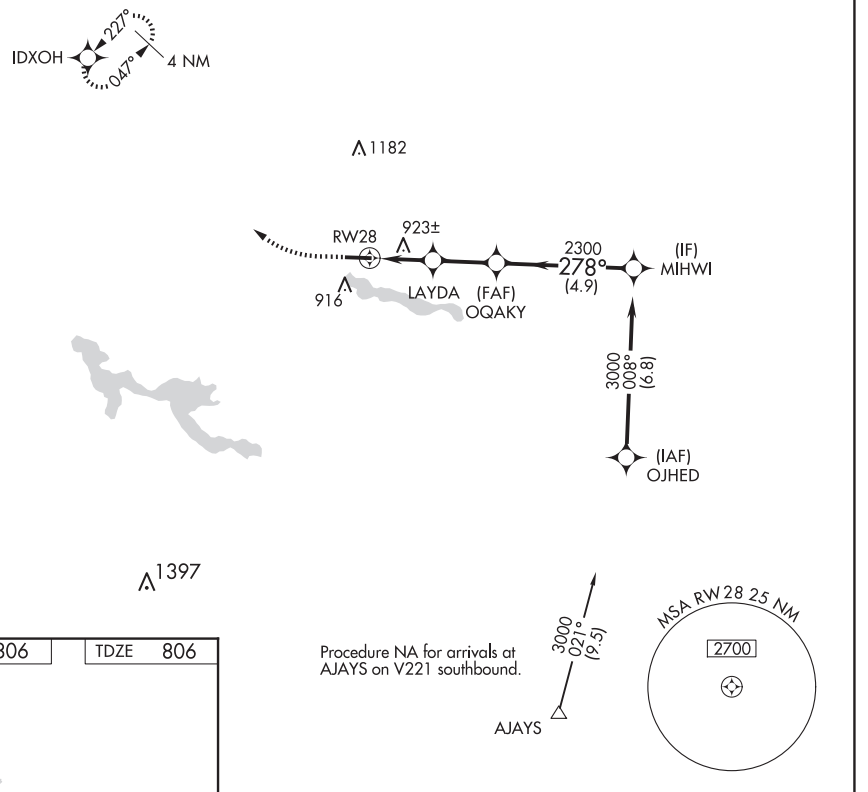
APP CRS	Rwy Idg	TDZE	Apt Elev
278°	5003	806	806

RNP APCH - GPS.

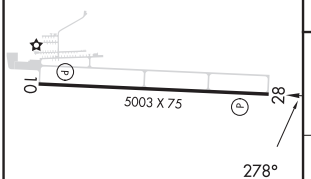
T A Rwy 28 helicopter visibility reduction below ¾ SM NA.

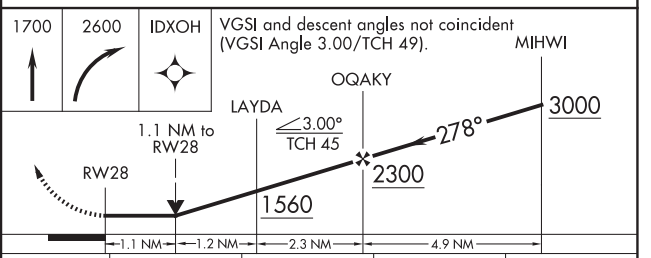
MISSED APPROACH: Climb to 1700 then climbing right turn to 2600 direct IDXOH and hold.

AWOS-3PT	FORT WAYNE APP CON	UNICOM
126.575	127.2 284.6	122.8 (CTAF) L



ELEV 806 | TDZE 806





CATEGORY	A	B	C	D
LNAV MDA	1200-1 394 (400-1)		1200-1⅛ 394 (400-1⅛)	
C CIRCLING	1300-1 494 (500-1)		1460-1¾ 654 (700-1¾)	1540-2¼ 734 (800-2¼)

MIRL Rwy 10-28 L
REIL Rwys 10 and 28 L

HUNTINGTON, INDIANA
Amdt 1 27JAN22

40°51′N-85°27′W

HUNTINGTON MUNI (HHG)
RNAV (GPS) RWY 28

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

VORTAC FWA 117.8 Chan 125	APP CRS 065°	Rwy Idg N/A TDZE N/A Apt Elev 806

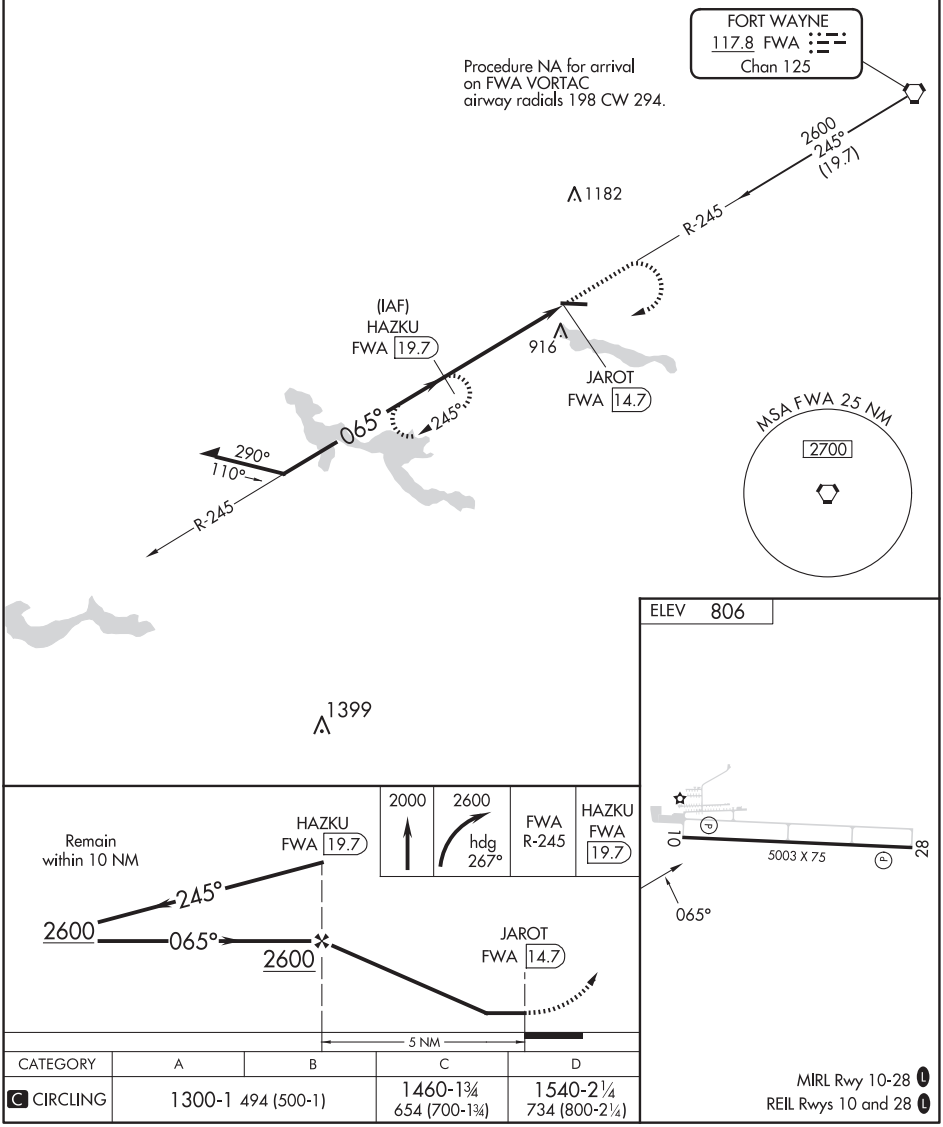
VOR-A

HUNTINGTON MUNI (HHG)

DME required.

MISSED APPROACH: Climb to 2000 then climbing right turn to 2600 on heading 267° and on FWA VORTAC R-245 to HAZKU/19.7 DME and hold.

AWOS-3PT	FORT WAYNE APP CON	UNICOM
126.575	127.2 284.6	122.8 (CTAF) L



CATEGORY	A	B	C	D
C CIRCLING	1300-1 494 (500-1)		1460-1¾ 654 (700-1¾)	1540-2¼ 734 (800-2¼)

MIRL Rwy 10-28 L
REIL Rwys 10 and 28 L

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

INDIANAPOLIS, INDIANA AL-5733 (FAA) 24137

WAAS	APP CRS	Rwy Idg	4200
CH 82509	211°	TDZE	823
W21A		Apt Elev	823

RNAV (GPS) RWY 21

EAGLE CREEK AIRPARK (EYE)

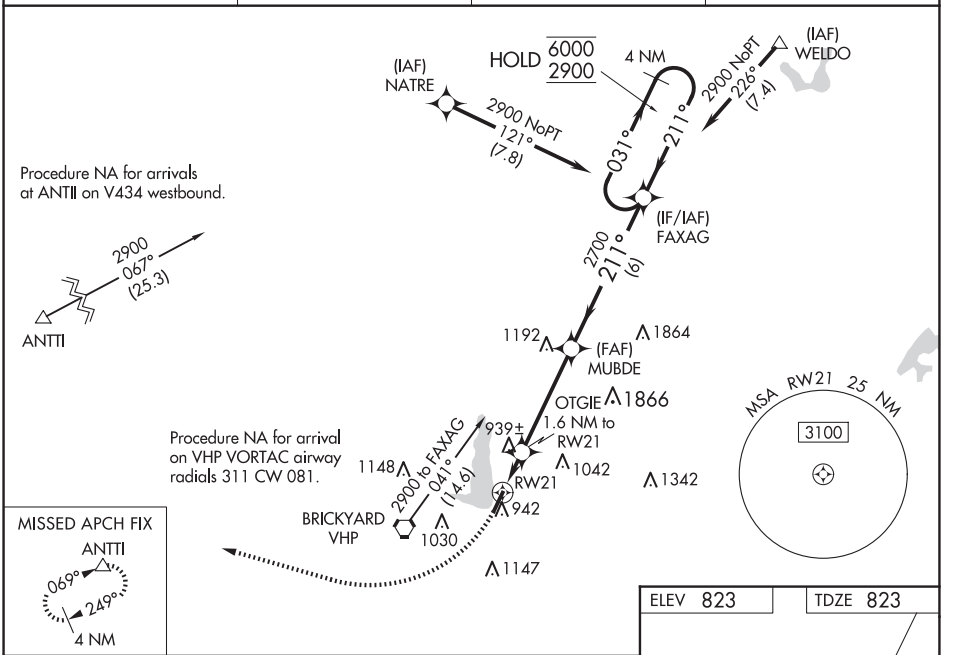
RNP APCH - GPS.

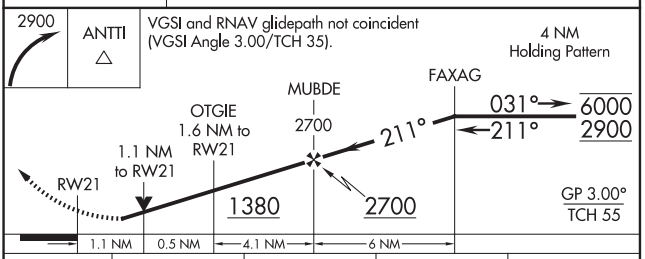
Rwy 21 helicopter visibility reduction below ¾ SM NA. Baro-VNAV and VDP NA when using Indianapolis Intl altimeter setting. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below 0°C or above 54°C. Inop table does not apply. When local altimeter setting not received, use Indianapolis Intl altimeter setting and increase all MDAs 20 feet.

MALS

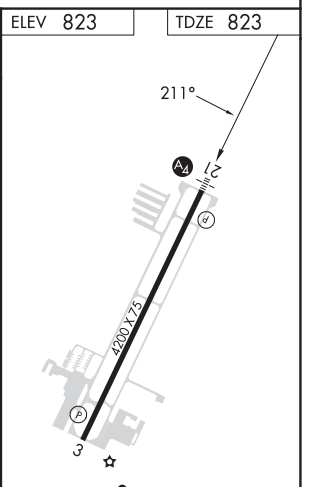
MISSED APPROACH: Climbing right turn to 2900 direct ANTTI and hold.

ASOS	INDIANAPOLIS APP CON	CLNC DEL	UNICOM
121.575	119.05 317.8	128.6	122.8 (CTAF) L





CATEGORY	A	B	C	D
LPV DA	1091-1	268 (300-1)		NA
LNAV/VNAV DA	1076-1	253 (300-1)		NA
LNAV MDA	1200-1	377 (400-1)		NA
C CIRCLING	1320-1	497 (500-1)	1500-2 677 (700-2)	NA



INDIANAPOLIS, INDIANA
Amdt 1C 16MAY24

39°50'N-86°18'W

EAGLE CREEK AIRPARK (EYE)

RNAV (GPS) RWY 21

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

LOC RWY 21

EAGLE CREEK AIRPARK (EYE)

LOC I-EYE	APP CRS		
111.5	211°	Rwy Idg	4200
		TDZE	823
		Apt Elev	823

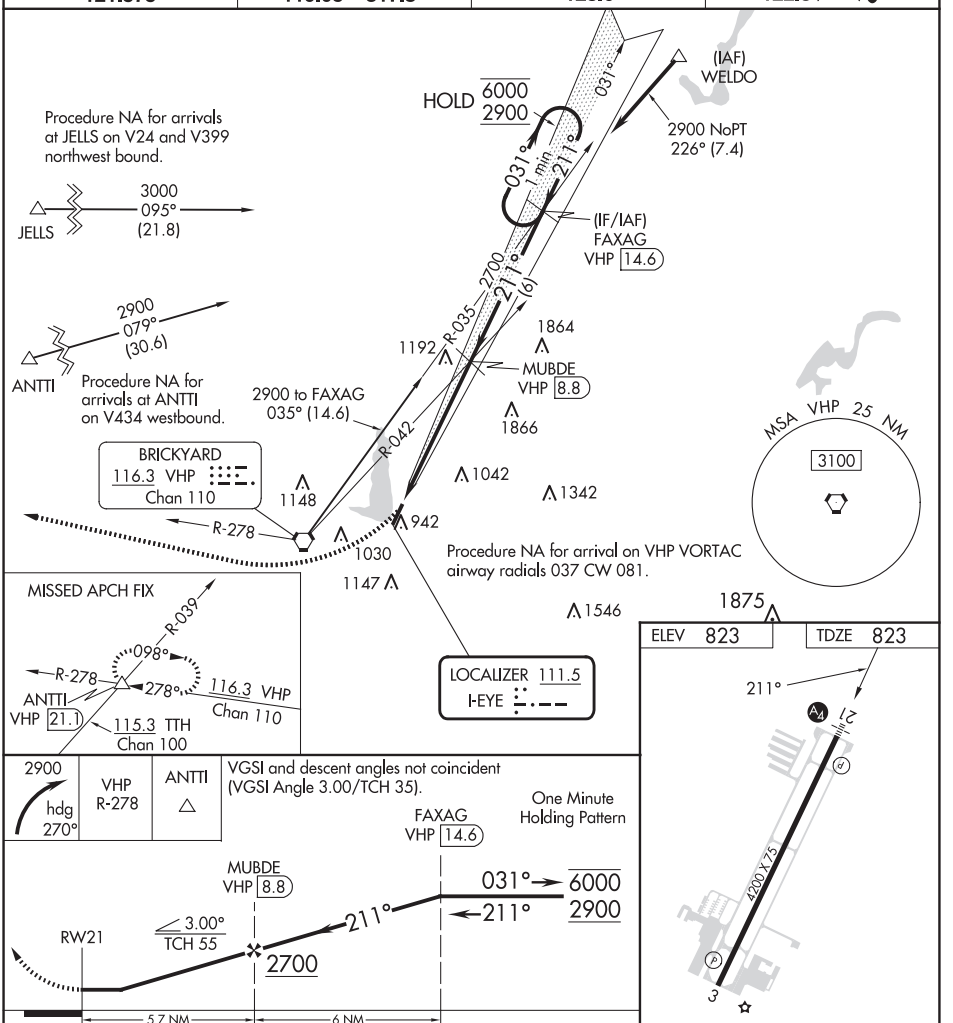
RNP APCH - GPS. From ANTTI or JELLS or WELDO.
DME Required.

T NA Rwy 21 helicopter visibility reduction below ¾ SM NA. Inop table does not apply to S-21 Cats A and B. When local altimeter setting not received, use Indianapolis Intl altimeter setting and increase all MDAs 20 feet. For inop ALS, increase Cat C visibility to 1⅜ SM.

MALS

MISSED APPROACH: Climbing right turn to 2900 on heading 270° and VHP R-278 to ANTTI INT/VHP 21.1 DME and hold.

ASOS	INDIANAPOLIS APP CON	CLNC DEL	UNICOM
121.575	119.05 317.8	128.6	122.8 (CTAF) L



CATEGORY	A	B	C	D
S-21	1340-1	517 (600-1)	1340-1¼ 517 (600-1¼)	NA
C CIRCLING	1340-1 517 (600-1)	1340-2 517 (600-2)	1500-2 677 (700-2)	NA

FAF to MAP 5.7 NM

Knots	60	90	120	150	180
Min:Sec	5:42	3:48	2:51	2:17	1:54

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

VORTAC VHP	APP CRS	Rwy Idg	N/A
116.3	076°	TDZE	N/A
Chan 110		Apt Elev	823

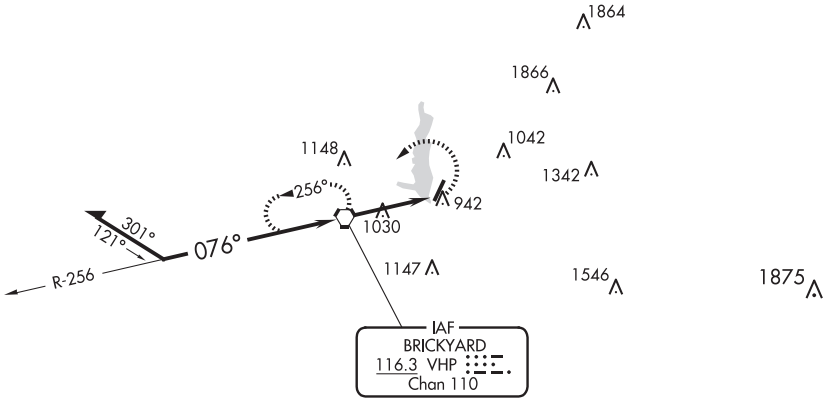
VOR-A

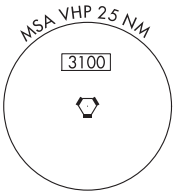
EAGLE CREEK AIRPARK (EYE)

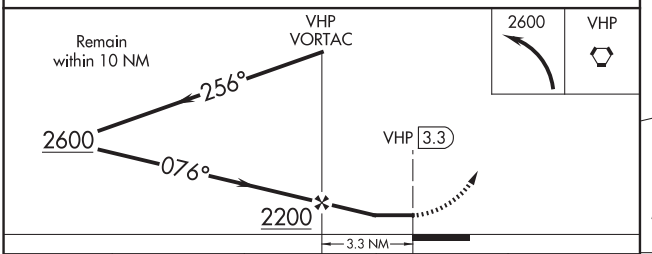
When local altimeter setting not received, use Indianapolis Intl altimeter setting and increase all MDA 20 feet.

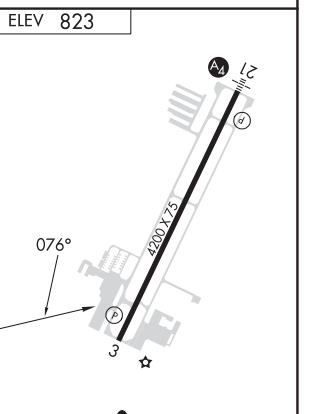
MISSED APPROACH: Climbing left turn to 2600 direct VHP VORTAC and hold.

ASOS	INDIANAPOLIS APP CON	CLNC DEL	UNICOM
121.575	119.05 317.8	128.6	122.8 (CTAF) L







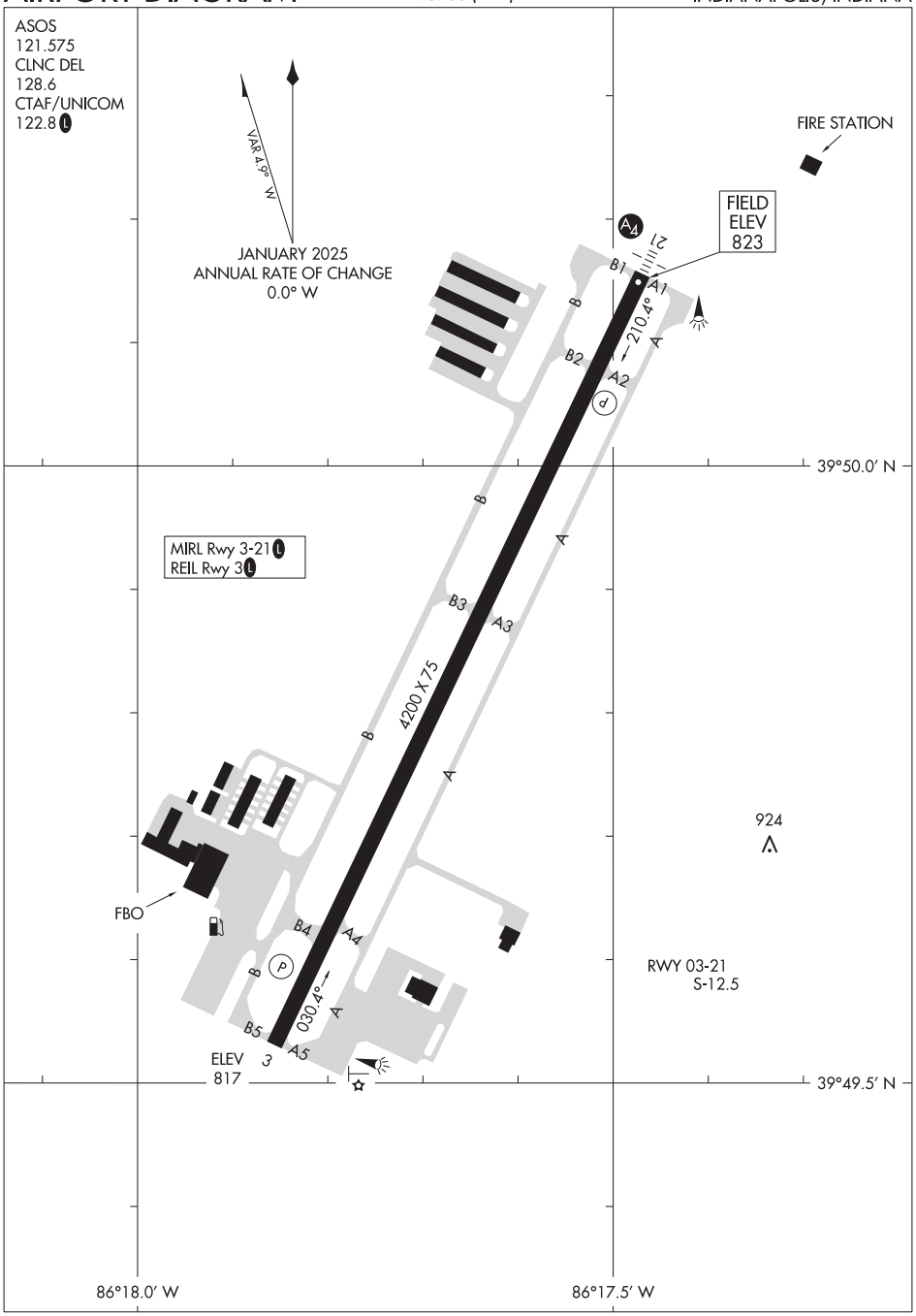


CATEGORY	A	B	C	D
C CIRCLING	1320-1 497 (500-1)		1500-2 677 (700-2)	NA

FAF to MAP 3.3 NM

Knots	60	90	120	150	180
Min:Sec	3:18	2:12	1:39	1:19	1:06

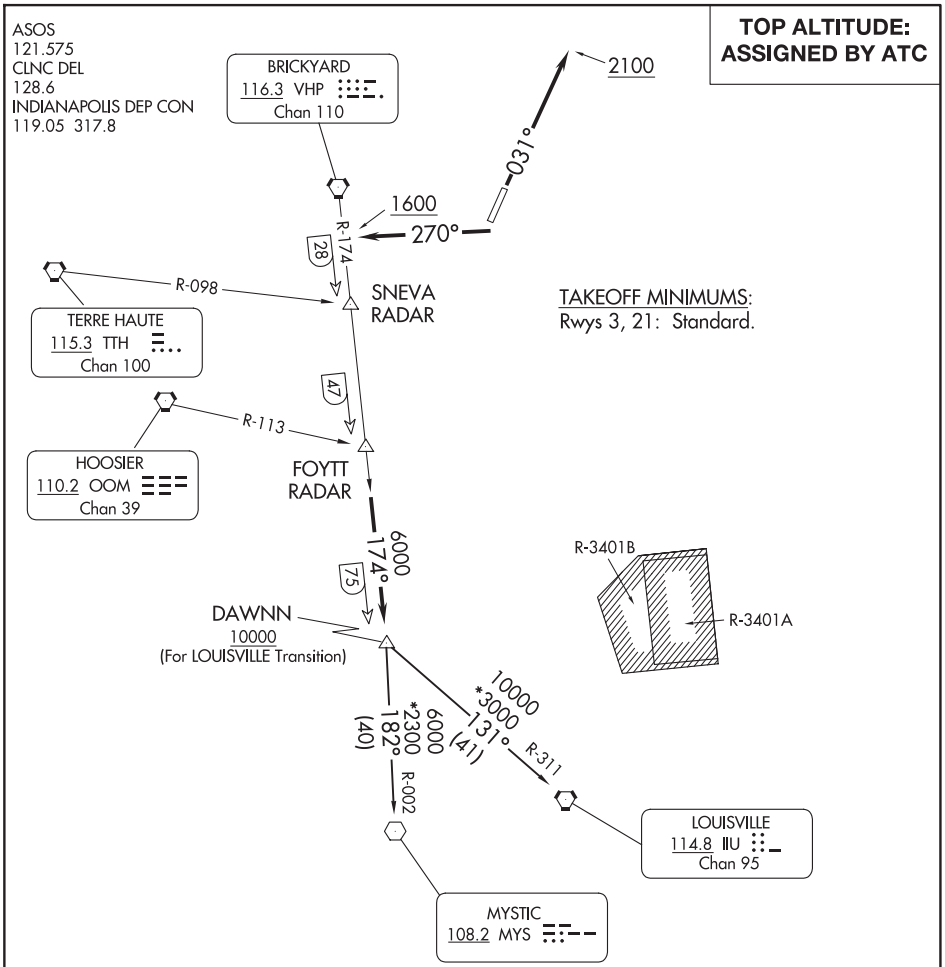
EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025



EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

(DAWNN1.DAWNN) 23334
DAWNN ONE DEPARTURE
AL-5733 (FAA)

EAGLE CREEK AIRPARK (EYE)
INDIANAPOLIS, INDIANA



NOTE: RADAR required.
NOTE: Select appropriate localizer/DME frequency/channel prior to departure.
NOTE: Turbojets accelerate to 250K until reaching 10000, if unable advise ATC.
NOTE: Assigned to aircraft with a requested altitude of 11000 or above.

(NARRATIVE ON FOLLOWING PAGE)

NOTE: Chart not to scale.

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RWY 3: Climb heading 031° to 2100, then on assigned heading to assigned altitude. Thence....
TAKEOFF RWY 21: Climb heading 270° to 1600, then on assigned heading to assigned altitude. Thence....

....on RADAR vectors to join VHP R-174 to DAWNN INT then on transition or assigned route. Expect clearance to requested altitude ten minutes after departure.

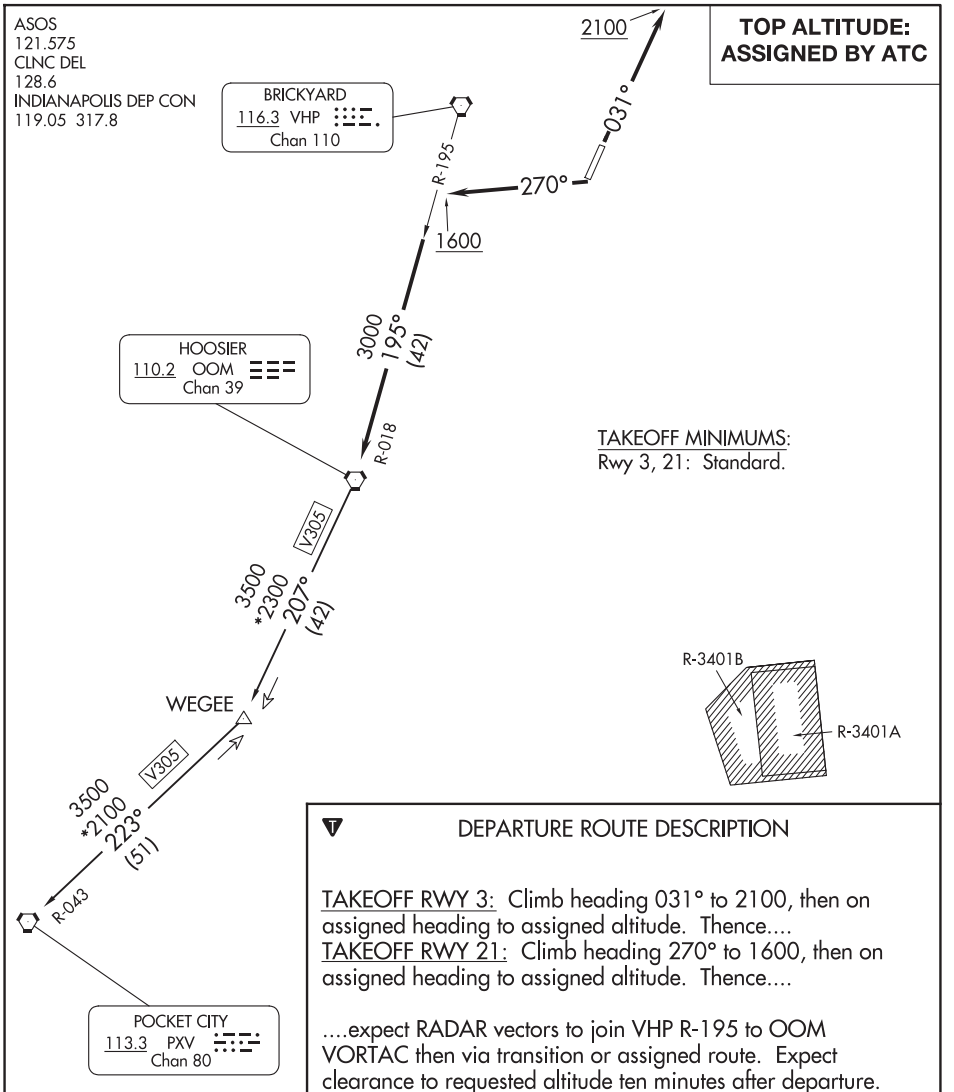
LOUISVILLE TRANSITION (DAWNN1.IIU): From over DAWNN INT on IIU R-311 to IIU VORTAC.
MYSTIC TRANSITION (DAWNN1.MYS): From over DAWNN INT on MYS R-002 to MYS VOR.

EC-2, 12 JUN 2025 to 07 AUG 2025

(OOM5.OOM) 23334
HOOSIER FIVE DEPARTURE

AL-5733 (FAA)

EAGLE CREEK AIRPARK (EYE)
INDIANAPOLIS, INDIANA



DEPARTURE ROUTE DESCRIPTION

TAKEOFF RWY 3: Climb heading 031° to 2100, then on assigned heading to assigned altitude. Thence....
TAKEOFF RWY 21: Climb heading 270° to 1600, then on assigned heading to assigned altitude. Thence....

....expect RADAR vectors to join VHP R-195 to OOM VORTAC then via transition or assigned route. Expect clearance to requested altitude ten minutes after departure.

POCKET CITY TRANSITION (OOM5.PXV): From over OOM VORTAC via OOM R-207 to WEGEE, then via PXV R-043 to PXV VORTAC.

NOTE: RADAR required.
NOTE: Select appropriate localizer/DME frequency/channel prior to departure.
NOTE: Turbojets accelerate to 250K until reaching 10000, if unable advise ATC.
NOTE: Assigned to aircraft with a requested altitude of 11000 or above.

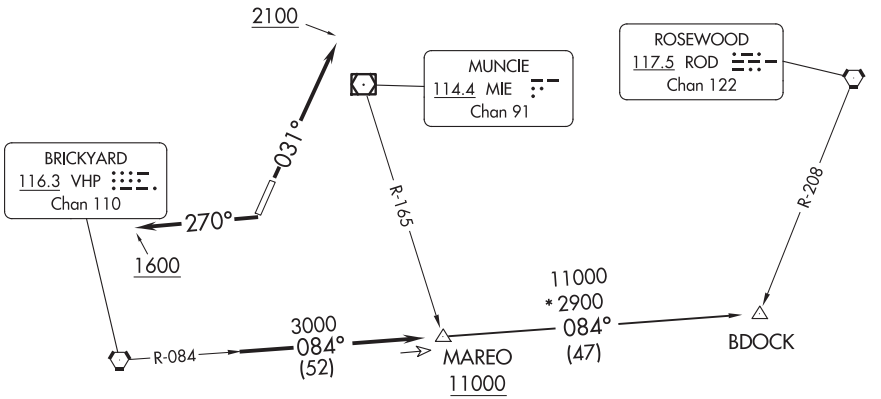
NOTE: Chart not to scale.

EC-2, 12 JUN 2025 to 07 AUG 2025

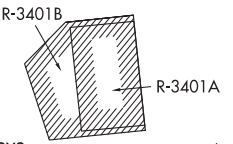
ASOS
121.575
CLNC DEL
128.6
INDIANAPOLIS DEP CON
119.05 317.8

TOP ALTITUDE: ASSIGNED BY ATC

TAKEOFF MINIMUMS
Rwys 3, 21: Standard.



NOTE: RADAR required.
NOTE: Select appropriate localizer/DME frequency/channel prior to departure.
NOTE: Turbojets accelerate to 250K until reaching 10000, if unable advise ATC.
NOTE: Assigned to aircraft with a requested altitude of 11000 or above.



NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RWY 3: Climb heading 031° to 2100, then on assigned heading to assigned altitude. Thence....
TAKEOFF RWY 21: Climb heading 270° to 1600, then on assigned heading to assigned altitude. Thence....

....expect RADAR vectors to join VHP R-084 to MAREO INT then via transition or assigned route. Expect clearance to requested altitude ten minutes after departure.

BDOCK TRANSITION (MAREO5.BDOCK): From over MAREO INT via VHP R-084 to BDOCK INT.

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

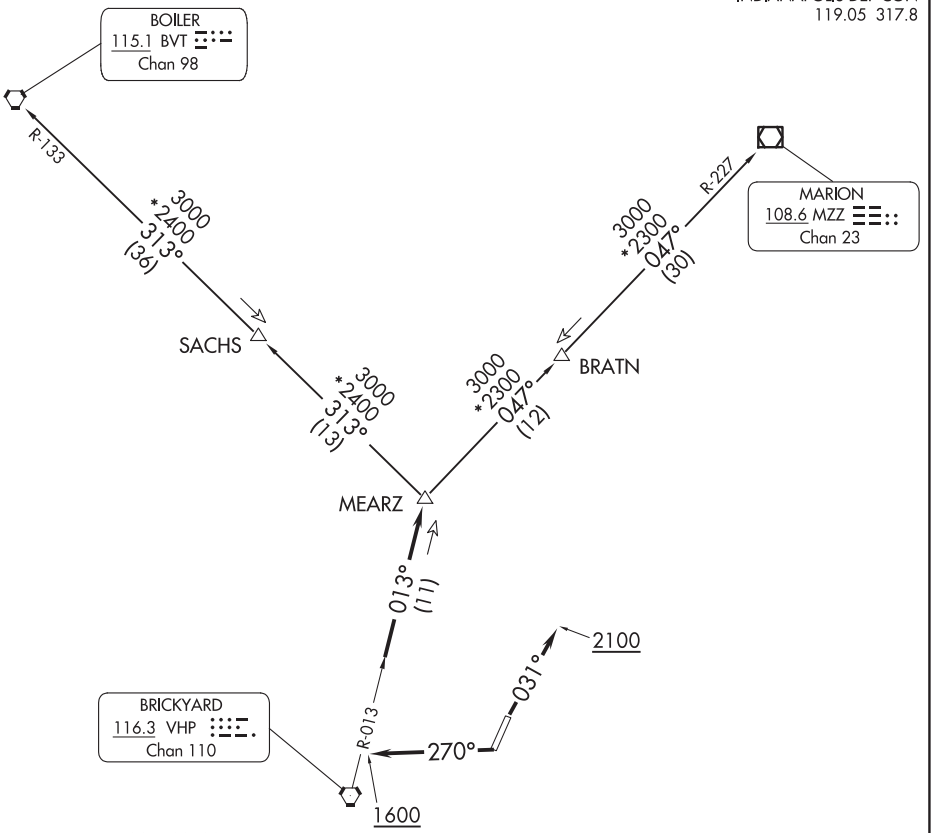
(MEARZ7.MEARZ) 23334
MEARZ SEVEN DEPARTURE AL-5733 (FAA)

EAGLE CREEK AIRPARK (EYE)
INDIANAPOLIS, INDIANA

TOP ALTITUDE: ASSIGNED BY ATC

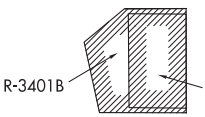
RADAR required.

ASOS
121.575
CLNC DEL
128.6
INDIANAPOLIS DEP CON
119.05 317.8



TAKEOFF MINIMUMS
Rwy 3, 21: Standard.

NOTE: Turbojets accelerate to 250K until reaching 10000, if unable advise ATC.
NOTE: Assigned to aircraft with a requested altitude of 11000 or above.
NOTE: Select appropriate localizer/DME frequency/channel prior to departure.



NOTE: Chart not to scale.

(NARRATIVE ON FOLLOWING PAGE)

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 3: Climb on heading 031° to 2100 before turning on course. Thence....
TAKEOFF RUNWAY 21: Climb on heading 270° to 1600 then on assigned heading to assigned altitude. Thence....

....expect RADAR vectors to join VHP R-013 to MEARZ then on transition or assigned route. Expect clearance to requested altitude ten minutes after departure.

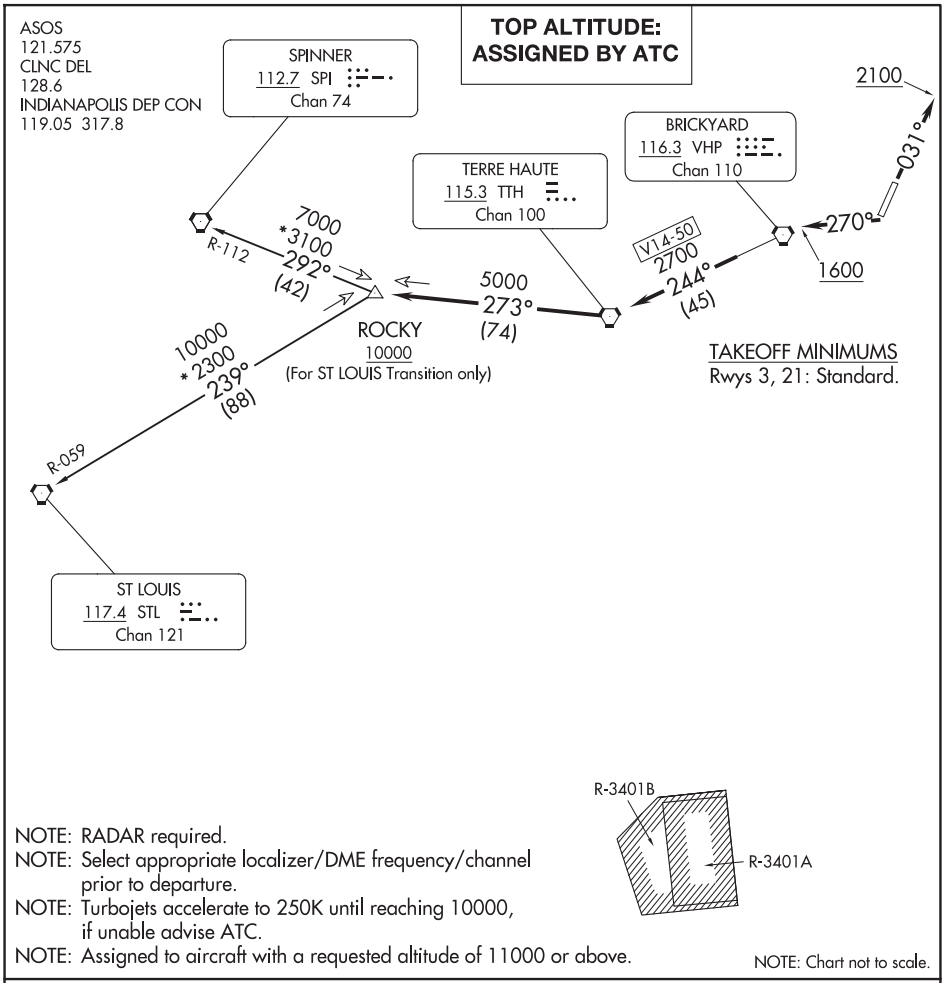
BOILER TRANSITION (MEARZ7.BVT): From over MEARZ on BVT R-133 to BVT VORTAC.
MARION TRANSITION (MEARZ7.MZZ): From over MEARZ on MZZ R-227 to MZZ VOR/DME.

EC-2, 12 JUN 2025 to 07 AUG 2025

(ROCKY1.ROCKY) 23334
ROCKY ONE DEPARTURE

AL-5733 (FAA)

EAGLE CREEK AIRPARK (EYE)
INDIANAPOLIS, INDIANA



NOTE: RADAR required.
NOTE: Select appropriate localizer/DME frequency/channel prior to departure.
NOTE: Turbojets accelerate to 250K until reaching 10000, if unable advise ATC.
NOTE: Assigned to aircraft with a requested altitude of 11000 or above.

NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RWY 3: Climb heading 031° to 2100, then on assigned heading to assigned altitude. Thence . . . .
TAKEOFF RWY 21: Climb heading 270° to 1600, then on assigned heading to assigned altitude. Thence . . . .

. . . . expect RADAR vectors to join VHP R-244 to TTH VORTAC, then via TTH R-273 to ROCKY INT then via transition or assigned route. Expect clearance to requested altitude ten minutes after departure.

SPINNER TRANSITION (ROCKY1.SPI): From over ROCKY INT on SPI R-112 to SPI VORTAC.
ST LOUIS TRANSITION (ROCKY1.STL): From over ROCKY INT on STL R-059 to STL VORTAC.

EC-2, 12 JUN 2025 to 07 AUG 2025

RNAV (GPS) RWY 18

HENDRICKS COUNTY-GORDON GRAHAM FLD (2R2)

WAAS	APP CRS	Rwy Idg	4400
CH 56533	183°	TDZE	898
W18A		Apt Elev	898

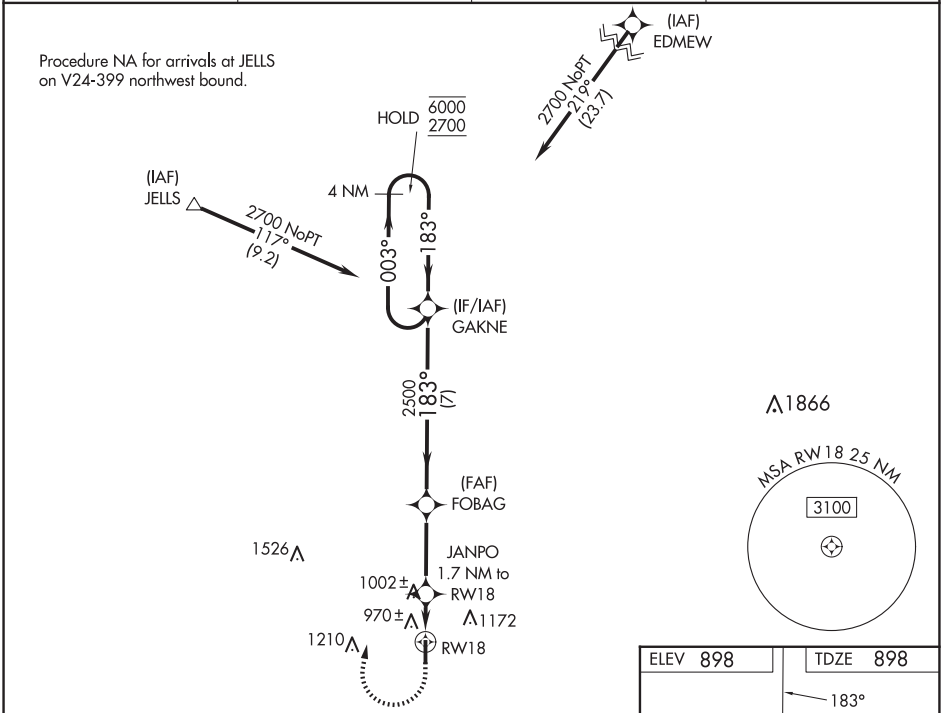
RNP APCH - GPS.

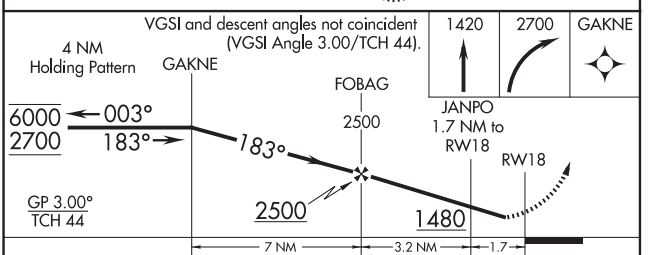
Rwy 18 helicopter visibility reduction below ¾ SM NA.
Baro-VNAV NA. Use Indianapolis Intl altimeter setting.

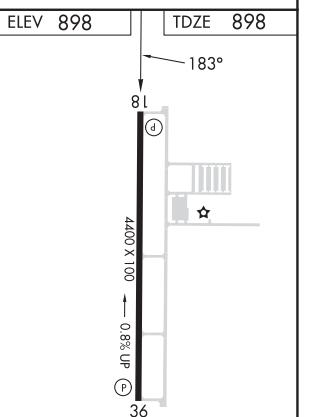
MISSED APPROACH: Climb to 1420 then climbing right turn to 2700 direct GAKNE and hold.

AWOS-3PT	IND ASOS	INDIANAPOLIS APP CON	UNICOM
118.025	134.25	121.1	122.7 (CTAF) L

Procedure NA for arrivals at JELLS on V24-399 northwest bound.







CATEGORY	A	B	C	D
LPV DA	1215-⅞ 317 (400-⅞)			NA
LNAV/VNAV DA	1242-1 344 (400-1)			NA
LNAV MDA	1300-1 402 (500-1)		1300-1⅛ 402 (500-1⅛)	NA
C CIRCLING	1380-1 482 (500-1)	1560-1 662 (700-1)	1600-2 702 (800-2)	NA

REIL Rwys 18 and 36 L
MIRL Rwy 18-36 L

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

INDIANAPOLIS, INDIANA AL-10352 (FAA) 23334

RNAV (GPS) RWY 36

HENDRICKS COUNTY-GORDON GRAHAM FLD (2R2)

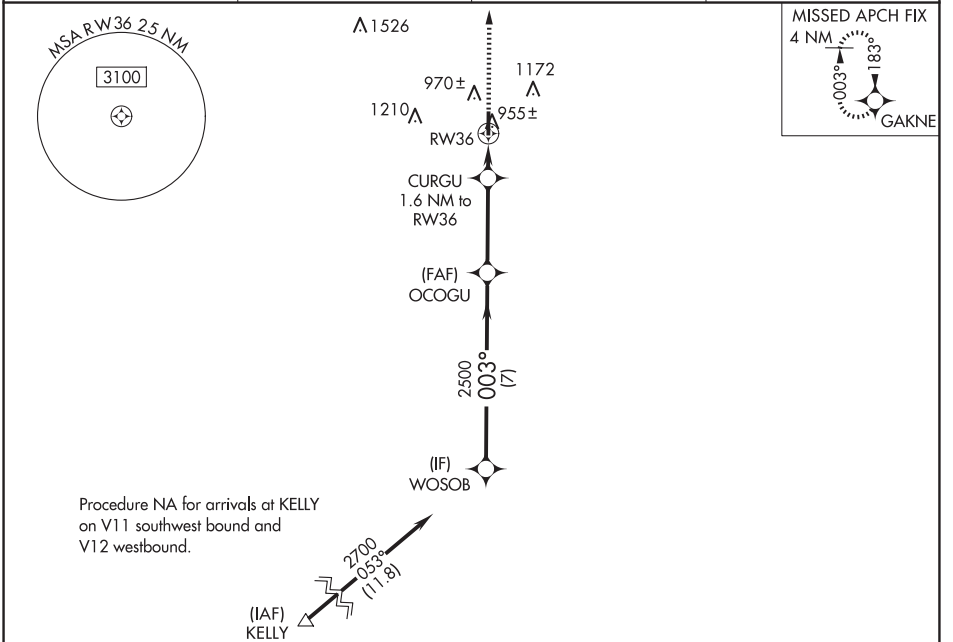
WAAS	APP CRS	Rwy Idg	4400
CH 45833	003°	TDZE	884
W36A		Apt Elev	898

T A NA

Baro-VNAV NA. DME/DME RNP-0.3 NA.
Use Indianapolis Intl altimeter setting.
Helicopter visibility reduction below ¾ SM NA.

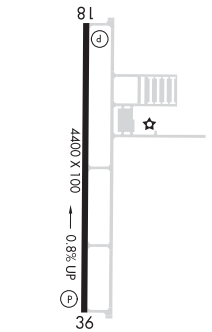
MISSED APPROACH: Climb to 2700 direct GAKNE and hold.

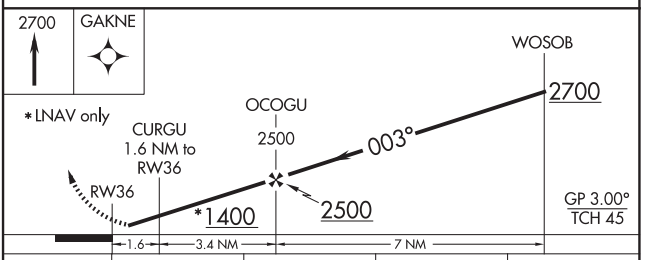
AWOS-3PT	IND ASOS	INDIANAPOLIS APP CON	UNICOM
118.025	134.25	121.1	122.7 (CTAF) L



ELEV 898 TDZE 884

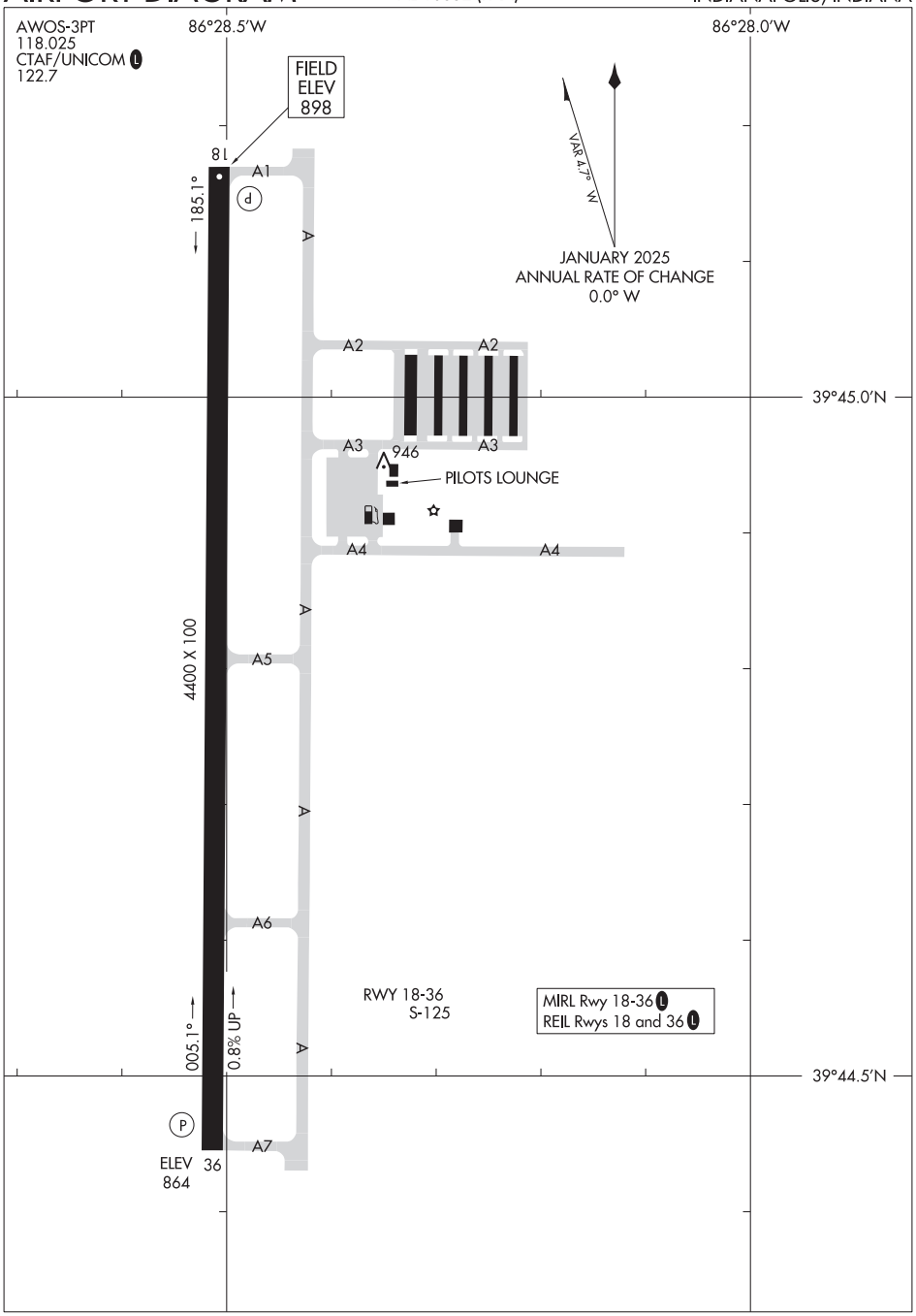
2002





CATEGORY	A	B	C	D
LPV DA	1168-⅞ 284 (300-⅞)			NA
LNAV/VNAV DA	1168-⅞ 284 (300-⅞)			NA
LNAV MDA	1240-1 356 (400-1)			NA
C CIRCLING	1380-1 482 (500-1)	1560-1 662 (700-1)	1600-2 702 (800-2)	NA

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025



EC-2, 12 JUN 2025 to 07 AUG 2025

INDIANAPOLIS, INDIANA

AL-6835 (FAA)

25107

APP CRS	Rwy Idg	N/A
291°	Sfc Elev	824
	Apt Elev	732

COPTER RNAV (GPS) 291°

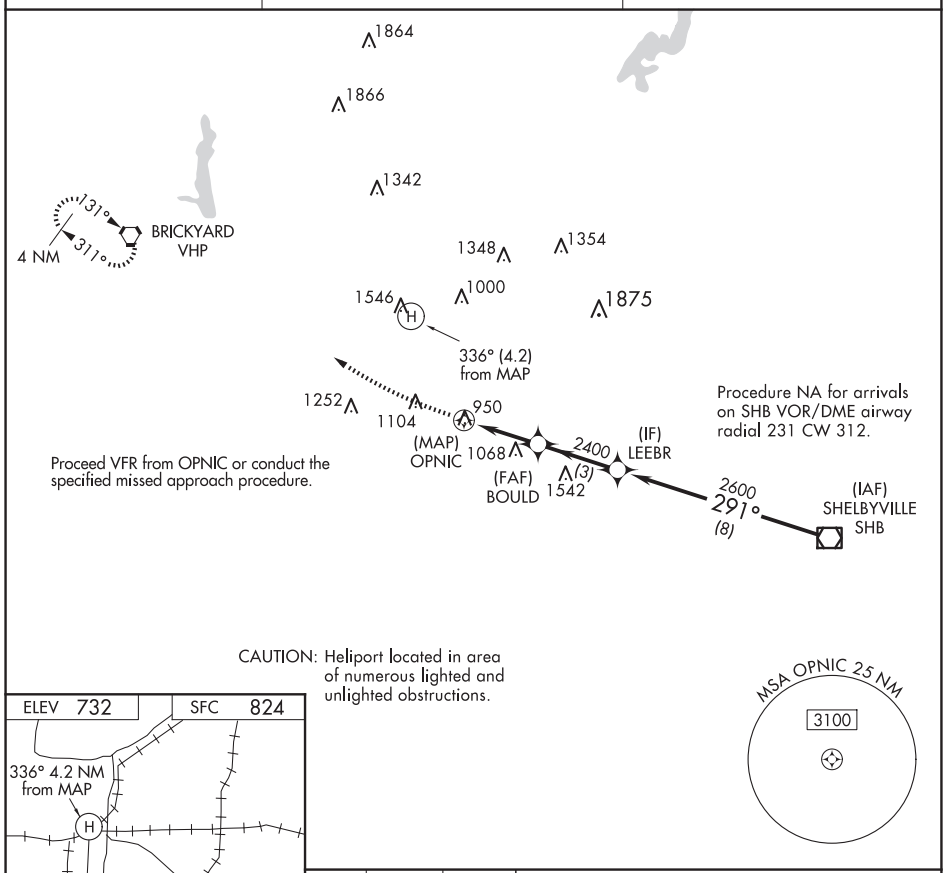
INDIANAPOLIS DOWNTOWN (8A4)

RNP APCH - GPS

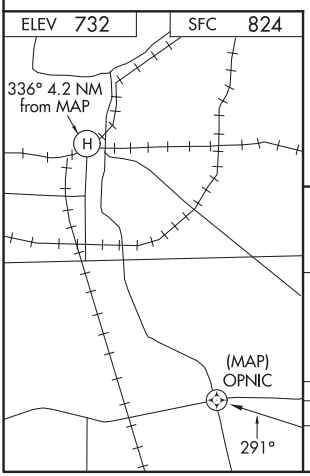
NA Limit final and missed approach to 70 KIAS. When local altimeter setting not received, use Indianapolis Intl altimeter setting and increase MDA 40 feet. Activate High Intensity Pad Lights-CTAF.

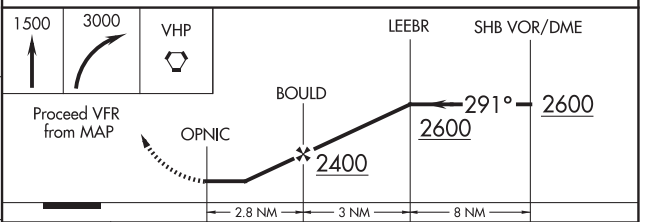
MISSED APPROACH: Climb to 1500 then climbing right turn to 3000 direct VHP VORTAC and hold.

AWOS-3	INDIANAPOLIS APP CON	UNICOM
135.525	125.275 317.8	123.05 (CTAF) L



CAUTION: Heliport located in area of numerous lighted and unlighted obstructions.





CATEGORY	COPTER
LNAV MDA	1340-¾ 516 (600-¾)

INDIANAPOLIS, INDIANA

Orig-B 11AUG22

39°46'N-86°09'W

INDIANAPOLIS DOWNTOWN (8A4)

COPTER RNAV (GPS) 291°

EC-2, 12 JUN 2025 to 07 AUG 2025

VOR/DME SHB	APP CRS	Rwy Idg N/A
116.15	287°	Sfc Elev 824
Chan 108 (Y)		Apt Elev 732

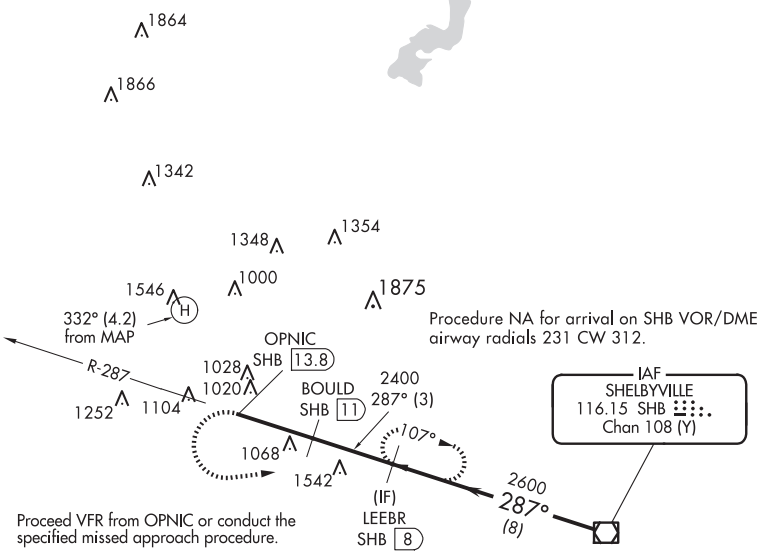
COPTER VOR/DME 287°

INDIANAPOLIS DOWNTOWN (8A4)

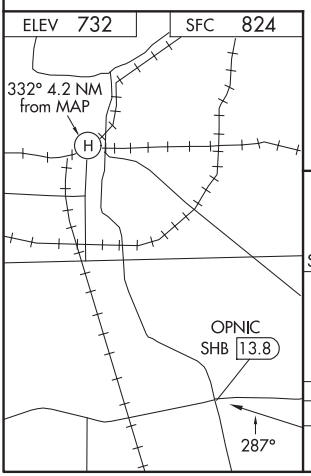
NA When local altimeter setting not received, use Indianapolis Intl altimeter setting and increase MDA 40 feet. Activate High Intensity Pad Lights-CTAF.

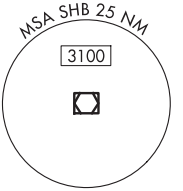
MISSED APPROACH: Climbing left turn to 2600 via SHB R-287 to LEEBR/SHB 8 DME and hold.

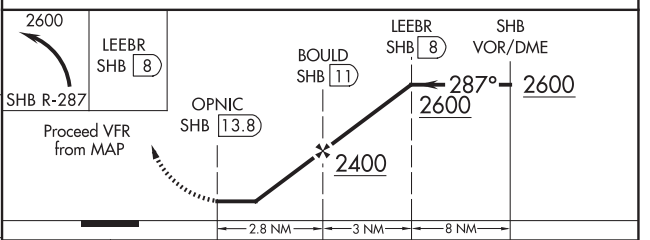
AWOS-3	INDIANAPOLIS APP CON	UNICOM
135.525	125.275 317.8	123.05 (CTAF) L



CAUTION: Heliport located in area of numerous lighted and unlighted obstructions.







CATEGORY	COPTER
H-287°	1340-¾ 516 (600-¾)

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

ILS or LOC RWY 36

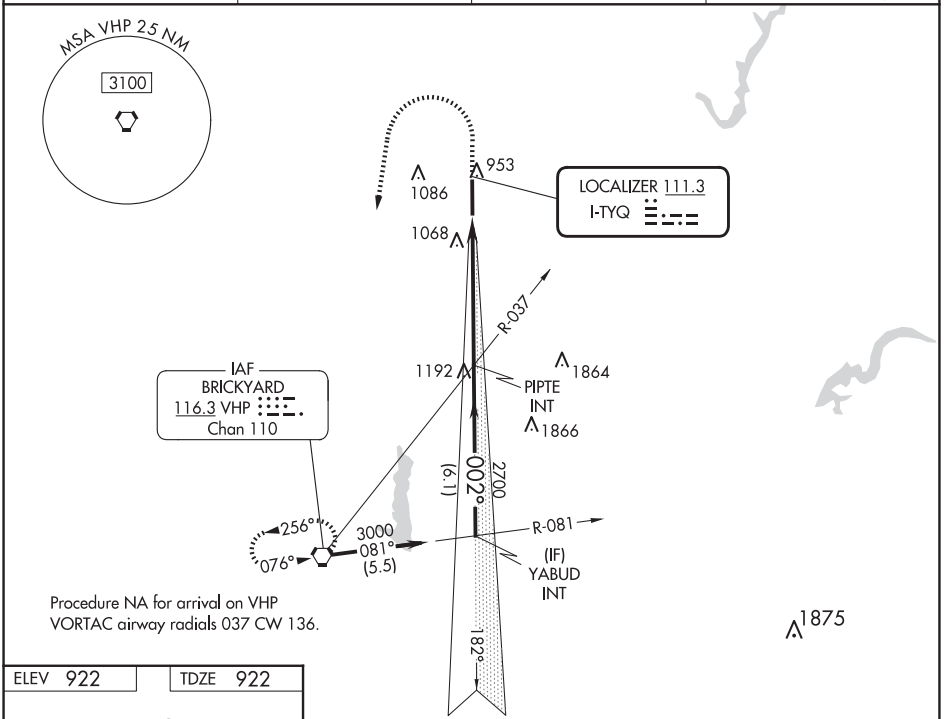
INDIANAPOLIS EXEC (TYQ)

LOC I-TYQ	APP CRS	Rwy Idg	7000
111.3	002°	TDZE	922
		Apt Elev	922

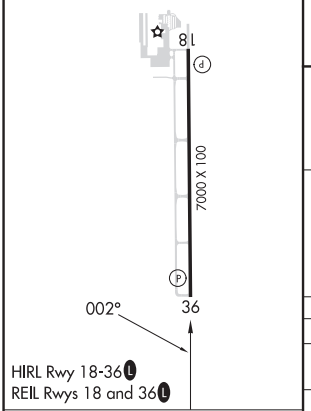
Autopilot coupled approach NA below 1900.

MISSED APPROACH: Climb to 2200 then climbing left turn to 3000 direct VHP VORTAC and hold.

AWOS-3PT	INDIANAPOLIS APP CON	CLNC DEL	UNICOM
120.725	124.65 127.15 317.8	118.175	123.05 (CTAF)

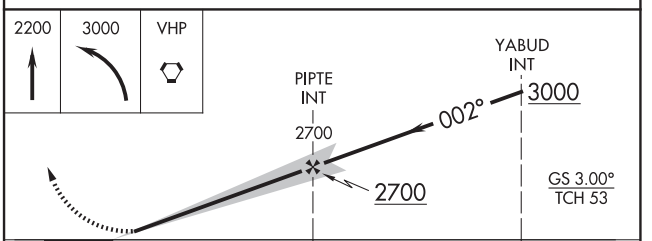


ELEV 922 TDZE 922



HIRL Rwy 18-36 L
REIL Rwys 18 and 36 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-ILS 36	1172-¾ 250 (300-¾)			
S-LOC 36	1380-1 458 (500-1)		1380-1⅜ 458 (500-1⅜)	
C CIRCLING	1400-1 478 (500-1)		1440-1½ 518 (600-1½)	1480-2 558 (600-2)

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

APP CRS	Rwy Idg	7000
182°	TDZE	922
	Apt Elev	922

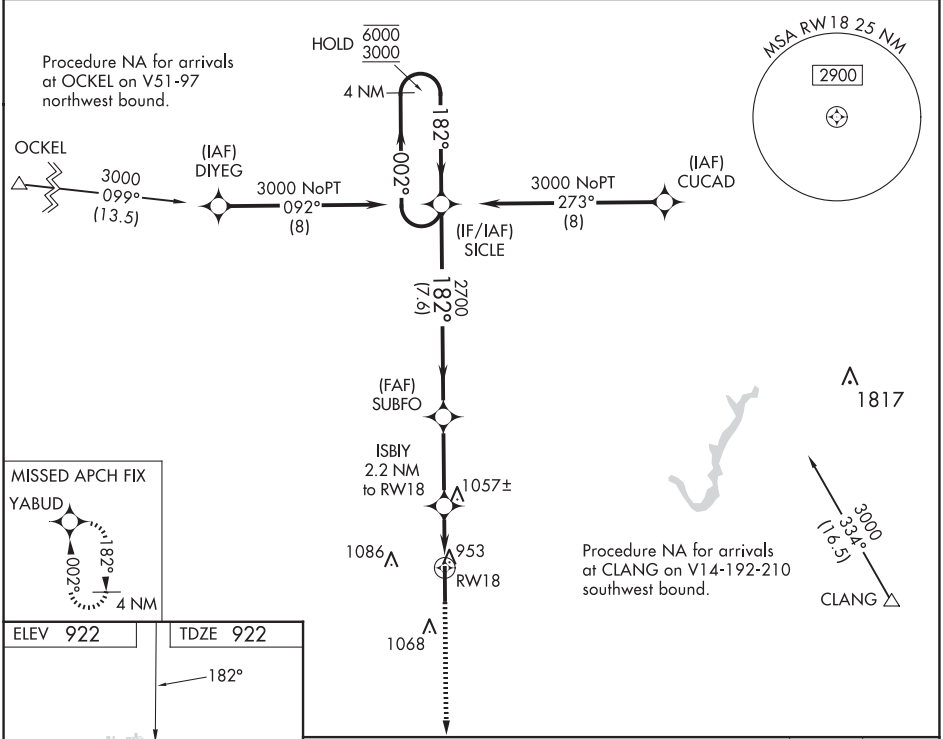
RNAV (GPS) RWY 18
INDIANAPOLIS EXEC (TYQ)

RNP APCH - GPS.

Rwy 18 helicopter visibility reduction below ¾ SM NA. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -16°C or above 54°C.

MISSED APPROACH: Climb to 3000 direct YABUD and hold.

AWOS-3PT	INDIANAPOLIS APP CON	CLNC DEL	UNICOM
120.725	124.65 127.15 317.8	118.175	123.05 (CTAF) L



CATEGORY	A	B	C	D
LNAV/VNAV DA	1216-⅞ 294 (300-⅞)			
LNAV MDA	1320-1 398 (400-1)		1320-1⅛ 398 (400-1⅛)	
C CIRCLING	1380-1 458 (500-1)		1440-1½ 518 (600-1½)	1480-2 558 (600-2)

HIRL Rwy 18-36 L
REIL Rwys 18 and 36 L

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

INDIANAPOLIS, INDIANA AL-5438 (FAA) 25107

RNAV (GPS) RWY 36

INDIANAPOLIS EXEC (TYQ)

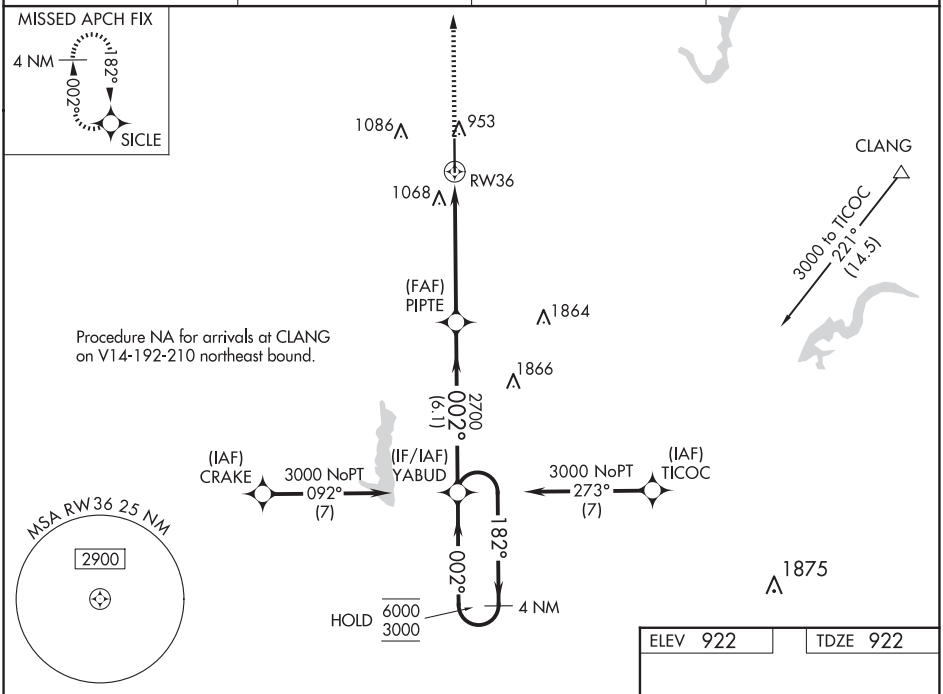
WAAS	APP CRS	Rwy Idg	7000
CH 53599	002°	TDZE	922
W36A		Apt Elev	922

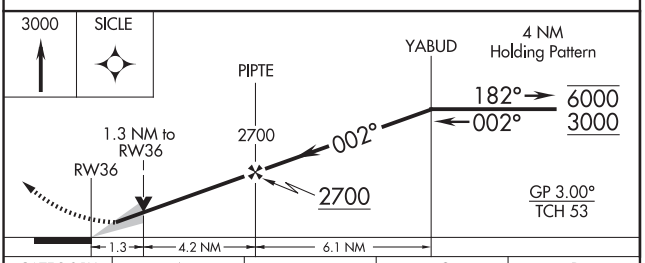
RNP APCH - GPS.

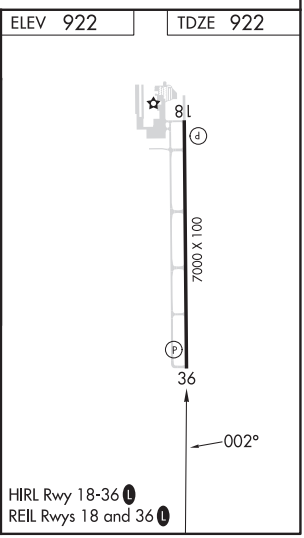
For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -16°C or above 54°C.

MISSED APPROACH: Climb to 3000 direct SICLE and hold.

AWOS-3PT	INDIANAPOLIS APP CON	CLNC DEL	UNICOM
120.725	124.65 127.15 317.8	118.175	123.05 (CTAF)







CATEGORY	A	B	C	D
LPV DA	1172-¾ 250 (300-¾)			
LNAV/VNAV DA	1351-1¼ 429 (500-1¼)			
LNAV MDA	1380-1 458 (500-1)		1380-1⅜ 458 (500-1⅜)	
CIRCLING	1400-1 478 (500-1)		1440-1½ 518 (600-1½)	1480-2 558 (600-2)

INDIANAPOLIS, INDIANA
Amdt 2 17APR25

40°02'N-86°15'W

INDIANAPOLIS EXEC (TYQ)

RNAV (GPS) RWY 36

EC-2, 12 JUN 2025 to 07 AUG 2025

EC-2, 12 JUN 2025 to 07 AUG 2025

VORTAC VHP 116.3 Chan 110	APP CRS 201°	Rwy Idg 7000 TDZE 922 Apt Elev 922

VOR RWY 18

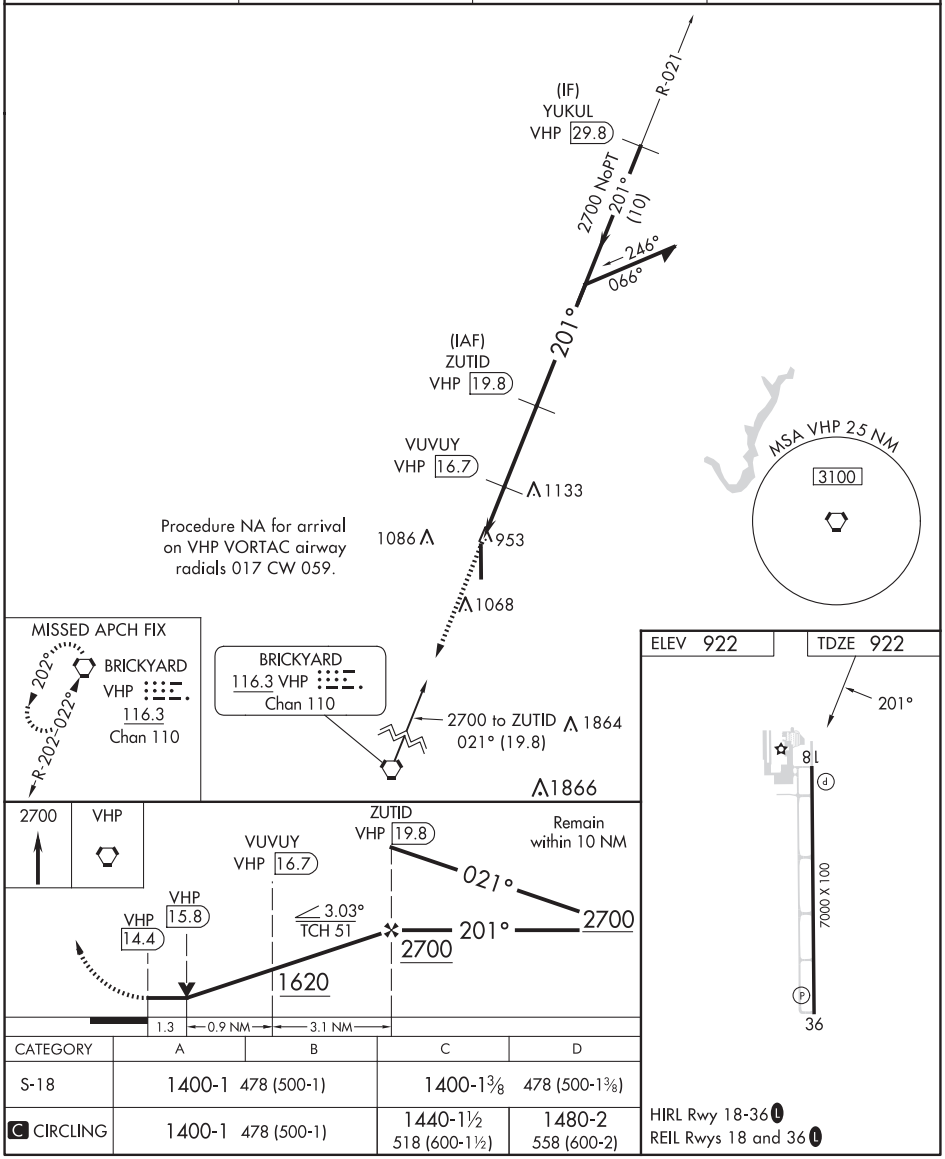
INDIANAPOLIS EXEC (TYQ)

DME required.

Rwy 18 helicopter visibility reduction below ¾ SM NA.

MISSED APPROACH: Climb to 2700 direct VHP VORTAC and hold.

AWOS-3PT	INDIANAPOLIS APP CON	CLNC DEL	UNICOM
120.725	124.65 127.15 317.8	118.175	123.05 (CTAF) L



CATEGORY	A	B	C	D
S-18	1400-1 478 (500-1)		1400-1⅜ 478 (500-1⅜)	
C CIRCLING	1400-1 478 (500-1)		1440-1½ 518 (600-1½)	1480-2 558 (600-2)

HIRL Rwy 18-36 L
REIL Rwys 18 and 36 L

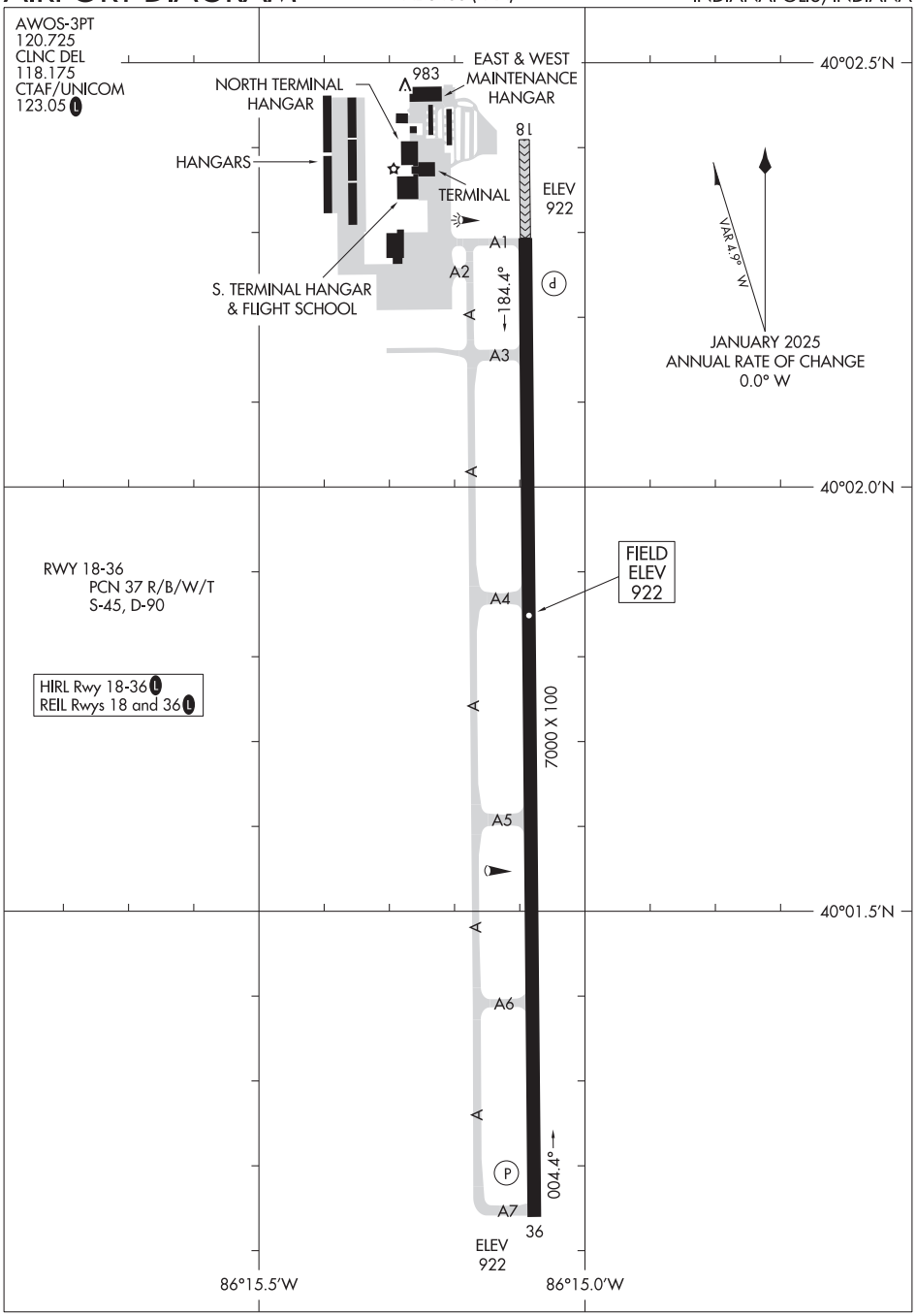
EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

25107

AIRPORT DIAGRAM

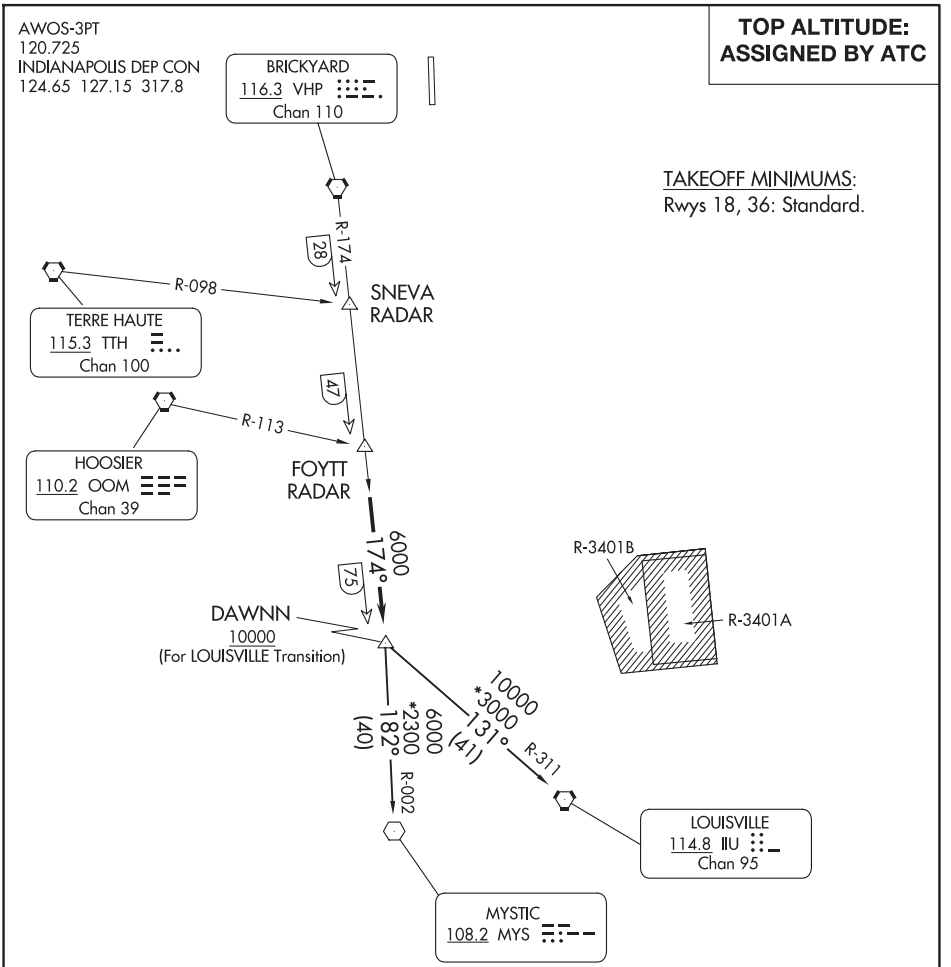
AL-5438 (FAA)

INDIANAPOLIS EXEC (TYQ)
INDIANAPOLIS, INDIANA



EC-2, 12 JUN 2025 to 07 AUG 2025

EC-2, 12 JUN 2025 to 07 AUG 2025



NOTE: RADAR required.
NOTE: Select appropriate localizer/DME frequency/channel prior to departure.
NOTE: Turbojets accelerate to 250K until reaching 10000, if unable advise ATC.
NOTE: Assigned to aircraft with a requested altitude of 11000 or above.

(NARRATIVE ON FOLLOWING PAGE)

NOTE: Chart not to scale.

EC-2, 12 JUN 2025 to 07 AUG 2025

DEPARTURE ROUTE DESCRIPTION

DEPARTING ALL OTHER AUTHORIZED RUNWAYS/AIRPORTS: Climb on assigned heading to assigned altitude. Thence....

....on RADAR vectors to join VHP R-174 to DAWNN INT then on transition or assigned route. Expect clearance to requested altitude ten minutes after departure.

LOUISVILLE TRANSITION (DAWNN1.IIU): From over DAWNN INT on IIU R-311 to IIU VORTAC.

MYSTIC TRANSITION (DAWNN1.MYS): From over DAWNN INT on MYS R-002 to MYS VOR.

EC-2, 12 JUN 2025 to 07 AUG 2025

EC-2, 12 JUN 2025 to 07 AUG 2025

EC-2, 12 JUN 2025 to 07 AUG 2025

AWOS-3PT
120.725
INDIANAPOLIS DEP CON
124.65 127.15 317.8

TOP ALTITUDE: ASSIGNED BY ATC

BRICKYARD
116.3 VHP
Chan 110

R-195

3000
195°
(42)

HOOSIER
110.2 OOM
Chan 39

R-018

V305

3500
*2300
207°
(42)

WEGEE

V305

3500
*2100
223°
(51)

R-043

POCKET CITY
113.3 PXV
Chan 80

TAKEOFF MINIMUMS:
Rwys 18, 36: Standard.

R-3401B

R-3401A

DEPARTURE ROUTE DESCRIPTION

DEPARTING ALL OTHER AUTHORIZED RUNWAYS: Climb on assigned heading to assigned altitude. Thence....

....expect RADAR vectors to join VHP R-195 to OOM VORTAC then via transition or assigned route. Expect clearance to requested altitude ten minutes after departure.

POCKET CITY TRANSITION (OOM5.PXV): From over OOM VORTAC via OOM R-207 to WEGEE, then via PXV R-043 to PXV VORTAC.

NOTE: RADAR required.
NOTE: Select appropriate localizer/DME frequency/channel prior to departure.
NOTE: Turbojets accelerate to 250K until reaching 10000, if unable advise ATC.
NOTE: Assigned to aircraft with a requested altitude of 11000 or above.

NOTE: Chart not to scale.

(MAREO5.MAREO) 23334
MAREO FIVE DEPARTURE

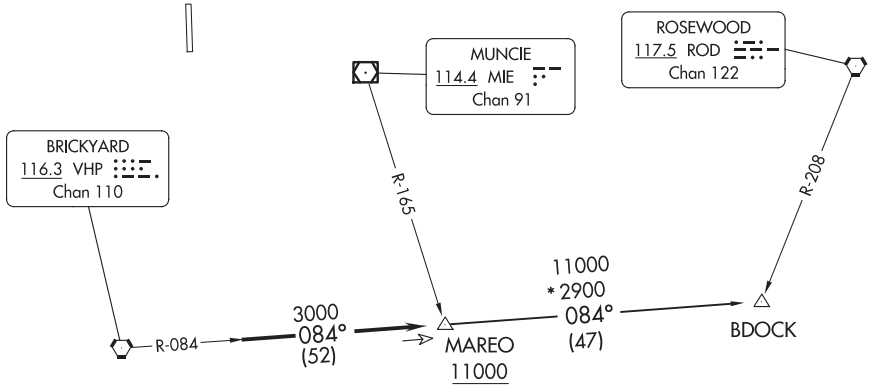
AL-5438 (FAA)

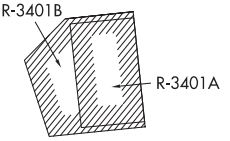
INDIANAPOLIS EXEC (TYQ)
INDIANAPOLIS, INDIANA

AWOS-3PT
120.725
INDIANAPOLIS DEP CON
124.65 127.15 317.8

TOP ALTITUDE: ASSIGNED BY ATC

TAKEOFF MINIMUMS
Rwy 18, 36: Standard.





NOTE: RADAR required.
NOTE: Select appropriate localizer/DME frequency/channel prior to departure.
NOTE: Turbojets accelerate to 250K until reaching 10000, if unable advise ATC.
NOTE: Assigned to aircraft with a requested altitude of 11000 or above.

NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

DEPARTING ALL OTHER AUTHORIZED RUNWAYS: Climb on assigned heading to assigned altitude. Thence....

....expect RADAR vectors to join VHP R-084 to MAREO INT then via transition or assigned route. Expect clearance to requested altitude ten minutes after departure.

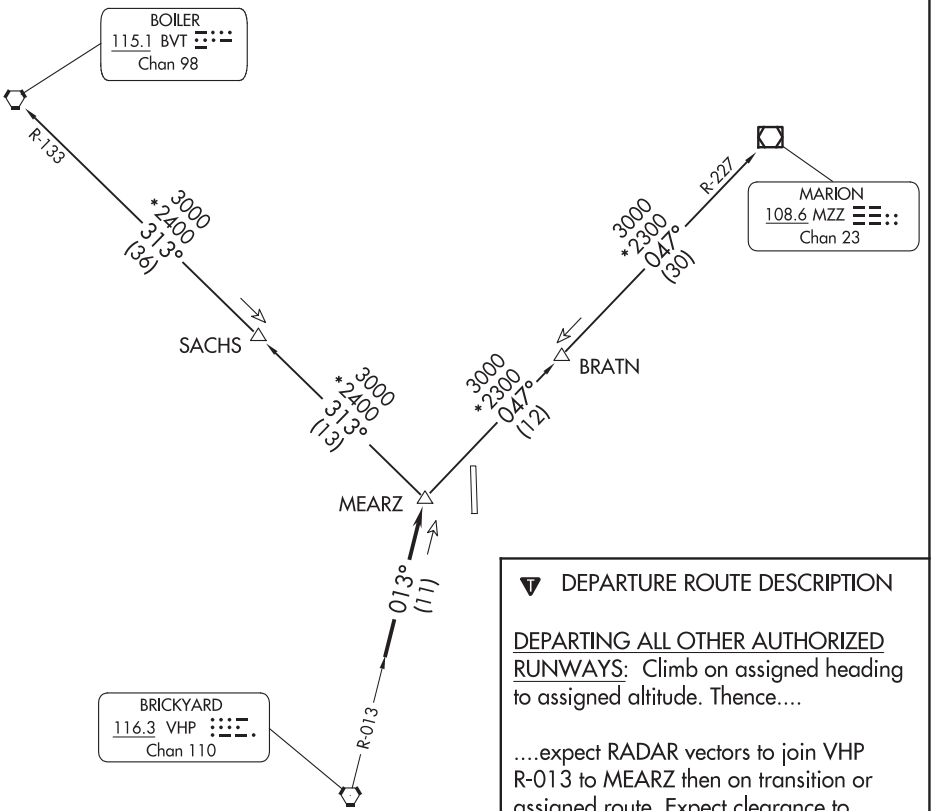
BDOCK TRANSITION (MAREO5.BDOCK): From over MAREO INT via VHP R-084 to BDOCK INT.

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

TOP ALTITUDE: ASSIGNED BY ATC

RADAR required.

AWOS-3PT
120.725
INDIANAPOLIS DEP CON
124.65 127.15 317.8



DEPARTURE ROUTE DESCRIPTION

DEPARTING ALL OTHER AUTHORIZED RUNWAYS: Climb on assigned heading to assigned altitude. Thence....

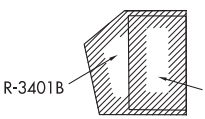
....expect RADAR vectors to join VHP R-013 to MEARZ then on transition or assigned route. Expect clearance to requested altitude ten minutes after departure.

BOILER TRANSITION (MEARZ7.BVT):
From over MEARZ on BVT R-133 to BVT VORTAC.

MARION TRANSITION (MEARZ7.MZZ):
From over MEARZ on MZZ R-227 to MZZ VOR/DME.

TAKEOFF MINIMUMS
Rwy 18, 36: Standard.

NOTE: Turbojets accelerate to 250K until reaching 10000, if unable advise ATC.
NOTE: Assigned to aircraft with a requested altitude of 11000 or above.
NOTE: Select appropriate localizer/DME frequency/channel prior to departure.



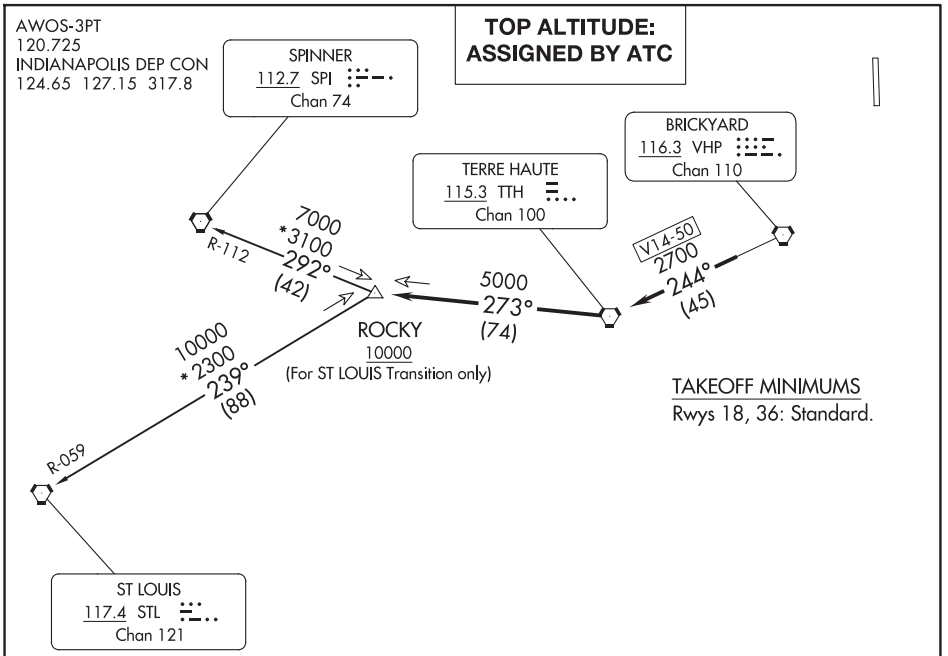
NOTE: Chart not to scale.

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

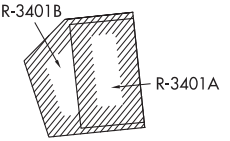
(ROCKY1.ROCKY) 23334
ROCKY ONE DEPARTURE

AL-5438 (FAA)

INDIANAPOLIS EXEC (TYQ)
INDIANAPOLIS, INDIANA



TAKEOFF MINIMUMS
Rwys 18, 36: Standard.



NOTE: RADAR required.
NOTE: Select appropriate localizer/DME frequency/channel prior to departure.
NOTE: Turbojets accelerate to 250K until reaching 10000, if unable advise ATC.
NOTE: Assigned to aircraft with a requested altitude of 11000 or above.

NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

DEPARTING ALL OTHER AUTHORIZED RUNWAYS: Climb on assigned heading to assigned altitude. Thence . . . .

. . . . expect RADAR vectors to join VHP R-244 to TTH VORTAC, then via TTH R-273 to ROCKY INT then via transition or assigned route. Expect clearance to requested altitude ten minutes after departure.

SPINNER TRANSITION (ROCKY1.SPI): From over ROCKY INT on SPI R-112 to SPI VORTAC.
ST LOUIS TRANSITION (ROCKY1.STL): From over ROCKY INT on STL R-059 to STL VORTAC.

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

LOC/DME I-IND	APP CRS	Rwy Idg 11200
111.75	050°	TDZE 747
Chan 54 (Y)		Apt Elev 796

ILS or LOC RWY 5L

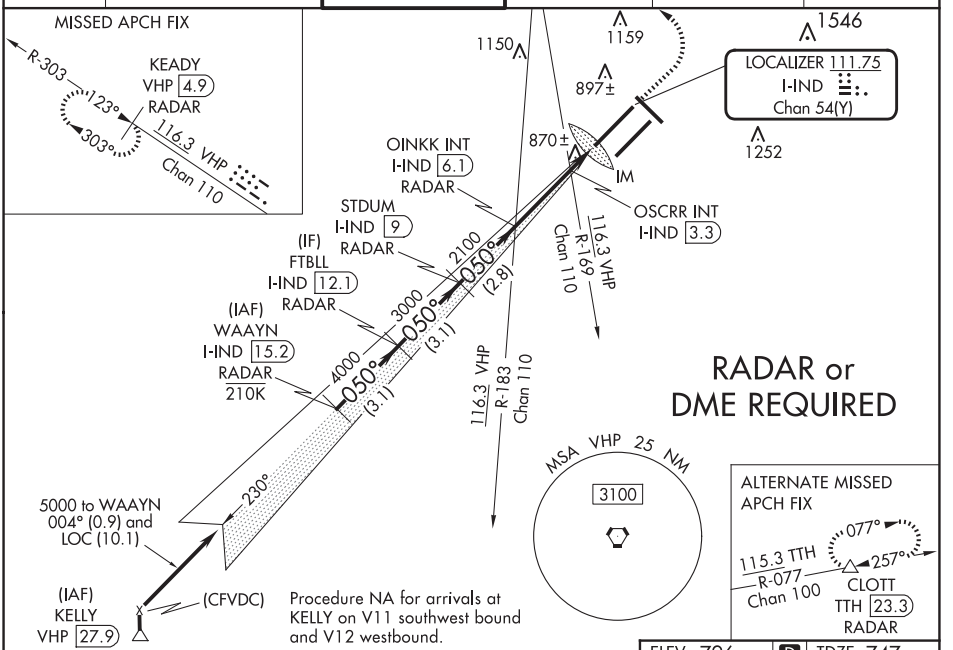
INDIANAPOLIS INTL (IND)

T A Simultaneous approach authorized. DME or RADAR required. For inop ALS, increase S-LOC 5L Cat C/D visibility to 1⅜ SM. OSCRR fix minimums: For inop ALS, increase S-LOC 5L Cat C/D visibility to RVR 5500.

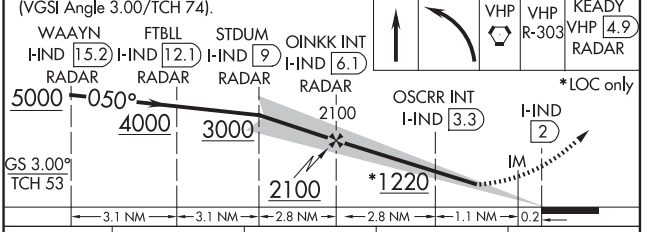
ALSF-2

MISSED APPROACH: Climb to 1700 then climbing left turn to 3000 direct VHP VORTAC then on VHP VORTAC R-303 to KEADY/VHP 4.9 DME/RADAR and hold.

D-ATIS	INDIANAPOLIS APP CON	INDY TOWER	GND CON	CLNC DEL	CPDLC
134.25	128.175 317.8	120.9 251.1	121.9	128.75 251.1	

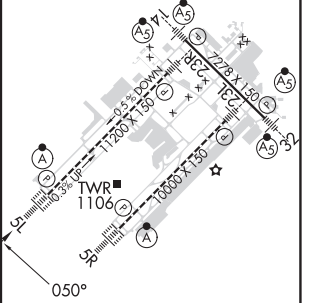


VGSI and ILS glidepath not coincident (VGSI Angle 3.00/TCH 74).



CATEGORY	A	B	C	D
S-ILS 5L	947/18		200 (200-½)	
S-LOC 5L	1220/24 473 (500-½)		1220/50 473 (500-1)	
C CIRCLING	1420-1 624 (700-1)		1420-1¾ 624 (700-1¾)	1560-2½ 764 (800-2½)
OSCRR FIX MINIMUMS (DUAL VOR RECEIVERS or DME REQUIRED)				
S-LOC 5L	1120/24 373 (400-½)		1120/35 373 (400-⅝)	
C CIRCLING	1420-1 624 (700-1)		1420-1¾ 624 (700-1¾)	1560-2½ 764 (800-2½)

ELEV 796 D TDZE 747



HIRL all Rwys
TDZ/CL Rwys 5L and 5R

FAF to MAP 4.1 NM

Knots	60	90	120	150	180
Min:Sec	4:06	2:44	2:03	1:38	1:22

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

INDIANAPOLIS, INDIANA AL-203 (FAA) 24361

ILS or LOC RWY 5R

INDIANAPOLIS INTL (IND)

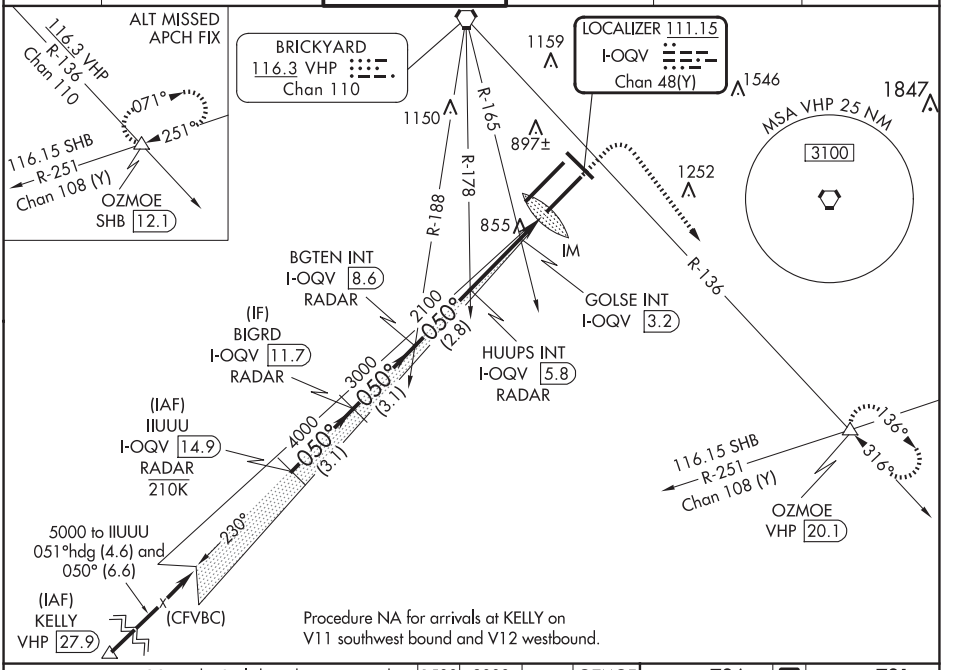
LOC/DME I-OQV	APP CRS	Rwy Idg	10000
111.15	050°	TDZE	791
Chan 48 (Y)		Apt Elev	796

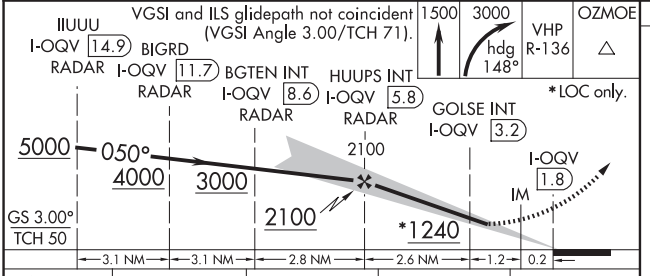
DME or RADAR required.
Simultaneous approach authorized.

ALSF-2

MISSED APPROACH: Climb to 1500 then climbing right turn to 3000 on heading 148° and on VHP VORTAC R-136 to OZMOE INT/VHP 20.1 DME and hold.

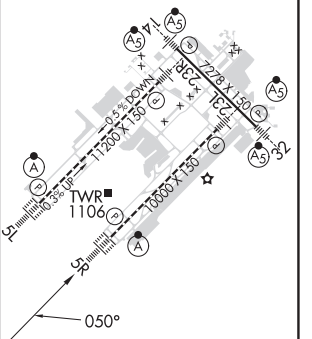
D-ATIS	INDIANAPOLIS APP CON	INDY TOWER	GND CON	CLNC DEL	CPDLC
134.25	128.175 317.8	120.9 251.1	121.9	128.75 251.1	





CATEGORY	A	B	C	D
S-ILS 5R	991/18	200 (200-½)		
S-LOC 5R	1240/24	449 (500-½)	1240/45	449 (500-⅞)
C CIRCLING	1420-1	624 (700-1)	1420-1¾ 624 (700-1¾)	1560-2½ 764 (800-2½)
GOLSE FIX MINIMUMS (DUAL VOR RECEIVERS or DME REQUIRED)				
S-LOC 5R	1160/24	369 (400-½)	1160/35	369 (400-⅝)
C CIRCLING	1420-1	624 (700-1)	1420-1¾ 624 (700-1¾)	1560-2½ 764 (800-2½)

ELEV 796 D TDZE 791



HIRL all Rwys
TDZ/CL Rwys 5L and 5R

FAF to MAP 4 NM

Knots	45	60	75	90	105
Min:Sec	5:20	4:00	3:12	2:40	2:17

EC-2, 12 JUN 2025 to 07 AUG 2025

EC-2, 12 JUN 2025 to 07 AUG 2025

LOC I-BJP	APP CRS	Rwy Idg	7278
110.5	140°	TDZE	796
		Apt Elev	796

ILS or LOC RWY 14

INDIANAPOLIS INTL (IND)

RADAR required.

For inop ALS, increase S-LOC 14 Cat 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 3000 on VHP R-136 to OZMOE INT/ VHP 20.1 DME and hold.

D-ATIS	INDIANAPOLIS APP CON	INDY TOWER	GND CON	CLNC DEL	CPDLC
134.25	128.175 317.8	120.9 251.1	121.9	128.75 251.1	

Procedure NA for arrivals at JELLS on V24-128-399 northwest bound.

(IAF) JELLS VHP 17.8

4000 to KEADY 184° hdg (0.2) and 140° (12.9)

320°

(IF) KEADY RADAR 210K

2400 140° (5.9)

R-303

BRICKYARD 116.3 VHP Chan 110

1866

RSADE INT RADAR

R-173

1150

1159 981 YEAAR RADAR

889

897

R-136

1252

1546

1875

MSA VHP 25 NM 3100

LOCALIZER 110.5 I-BJP

ALTERNATE MISSED APCH FIX

116.3 VHP Chan 110 071° 251° 116.15 SHB Chan 108 (Y)

R-251 R-136

OZMOE SHB 12.1

MISSED APCH FIX

116.3 VHP Chan 110 136° 316° 116.15 SHB Chan 108 (Y)

R-251 R-136

OZMOE VHP 20.1

ELEV 796 D TDZE 796

140°

14 32 23L 23R 5L 5R

7278 X 150

11200 X 150

10000 X 150

0.3% DOWN

TWR 1106

VGSI and ILS glidepath not coincident (VGSI Angle 3.00/TCH 74).

KEADY RADAR

RSADE INT RADAR

YEAAR RADAR

4000 140° 2400 2400 1320

GS 3.00° TCH 55

3000 VHP R-136

OZMOE

5.9 NM 2.9 NM 2 NM

CATEGORY	A	B	C	D
S-ILS 14 *	996/24 200 (200-½)			
S-LOC 14	1140/24 344 (400-½)		1140/30 344 (400-⅝)	
C CIRCLING	1420-1 624 (700-1)		1420-1¾ 624 (700-1¾)	1560-2½ 764 (800-2½)

HIRL all Rwys
TDZ/CL Rwys 5L and 5R

FAF to MAP 4.9 NM

Knots	60	90	120	150	180
Min:Sec	4:54	3:16	2:27	1:58	1:38

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

INDIANAPOLIS, INDIANA

AL-203 (FAA)

24361

ILS or LOC RWY 23L

INDIANAPOLIS INTL (IND)

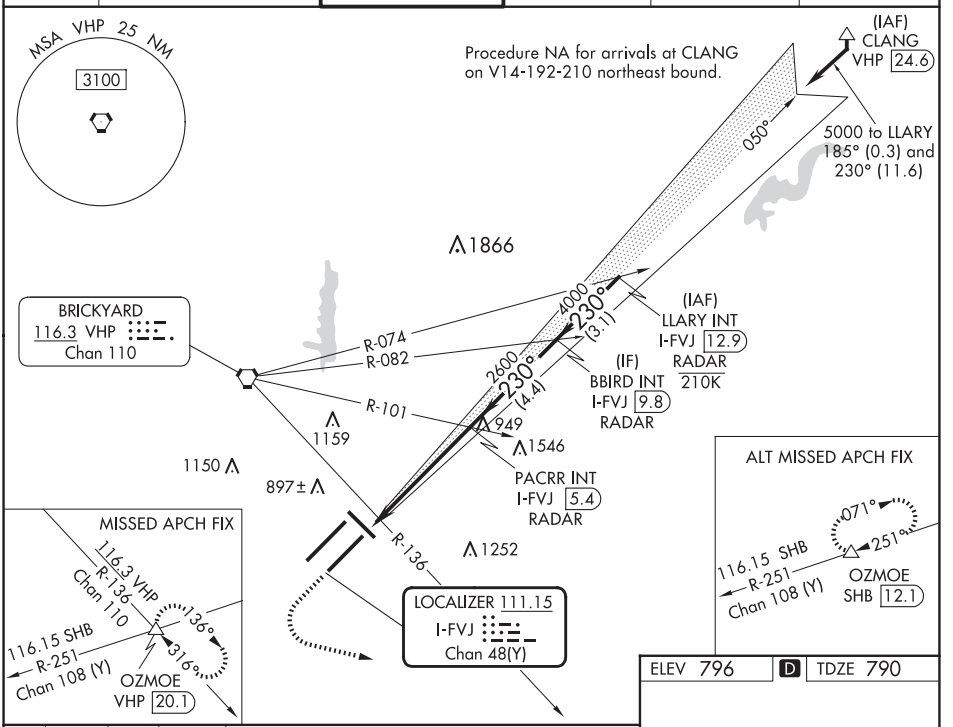
LOC/DME I-FVJ	APP CRS	Rwy Idg	10000
111.15	230°	TDZE	790
Chan 48 (Y)		Apt Elev	796

Simultaneous approach authorized.
* RVR 1800 authorized with use of FD or AP or HUD to DA.

MALSR

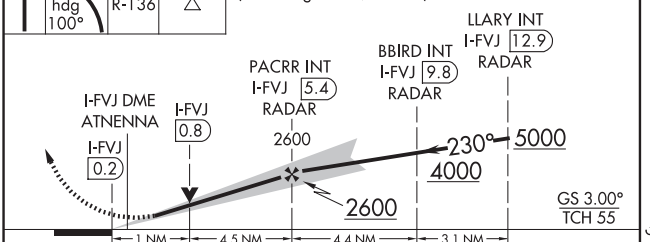
MISSED APPROACH: Climb to 1500 then climbing left turn to 3000 on heading 100° and on VHP VORTAC R-136 to OZMOE INT/VHP 20.1 DME and hold.

D-ATIS	INDIANAPOLIS APP CON	INDY TOWER	GND CON	CLNC DEL	CPDLC
134.25	128.175 317.8	120.9 251.1	121.9	128.75 251.1	



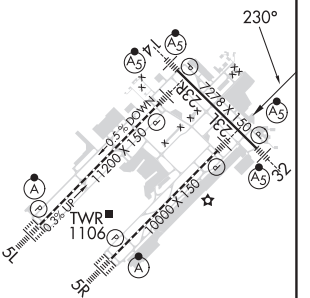
1500	3000 hdg 100°	VHP R-136	OZMOE △

VGSI and ILS glidepath not coincident (VGSI Angle 3.00/TCH 71).



CATEGORY	A	B	C	D
S-ILS 23L *	990/24	200 (200-½)		
S-LOC 23L	1180/24	390 (400-½)	1180/35	390 (400-⅝)
C CIRCLING	1420-1	624 (700-1)	1420-1¾ 624 (700-1¾)	1560-2½ 764 (800-2½)

ELEV 796 D TDZE 790



HIRL all Rwys
TDZ/CL Rwys 5L and 5R

FAF to MAP 5.5 NM

Knots	60	90	120	150	180
Min:Sec	5:30	3:40	2:45	2:12	1:50

INDIANAPOLIS, INDIANA
Amdt 8 25JAN24

39°43'N-86°18'W

INDIANAPOLIS INTL (IND)

ILS or LOC RWY 23L

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

LOC/DME I-UZK	APP CRS	Rwy Idg 11200
111.75	230°	TDZE 783
Chan 54 (Y)		Apt Elev 796

ILS or LOC RWY 23R

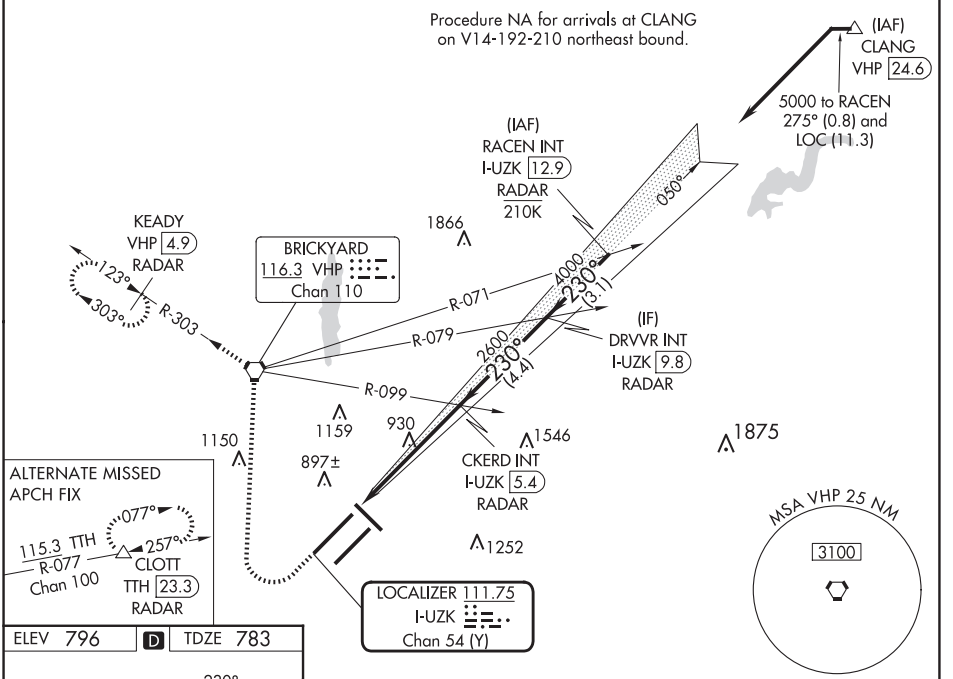
INDIANAPOLIS INTL (IND)

T Simultaneous approach authorized.
A DME or RADAR required.
**RVR 1800 authorized with use of FD or AP or HUD to DA.

MALSR (A5)

MISSED APPROACH: Climb to 1500 then climbing right turn to 3000 direct VHP VORTAC and on VHP R-303 to KEADY/VHP 4.9 DME/RADAR and hold.

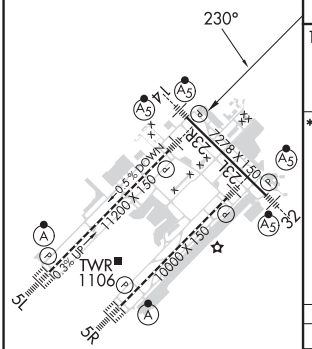
D-ATIS	INDIANAPOLIS APP CON	INDY TOWER	GND CON	CLNC DEL	CPDLC
134.25	128.175 317.8	120.9 251.1	121.9	128.75 251.1	



EC-2, 12 JUN 2025 to 07 AUG 2025

EC-2, 12 JUN 2025 to 07 AUG 2025

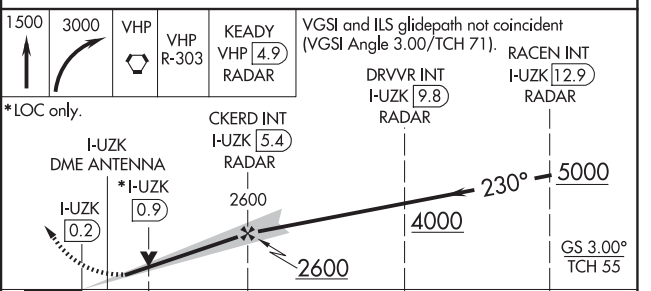
ELEV 796 D TDZE 783



HIRL all Rwys
TDZ/CL Rwys 5L and 5R

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 23R**	983/24 200 (200-½)			
S-LOC 23R	1180/24 397 (400-½)		1180/35	397 (400-⅝)
C CIRCLING	1420-1	624 (700-1)	1420-1¾ 624 (700-1¾)	1560-2½ 764 (800-2½)

INDIANAPOLIS, INDIANA AL-203 (FAA) 24361

ILS or LOC RWY 32

INDIANAPOLIS INTL (IND)

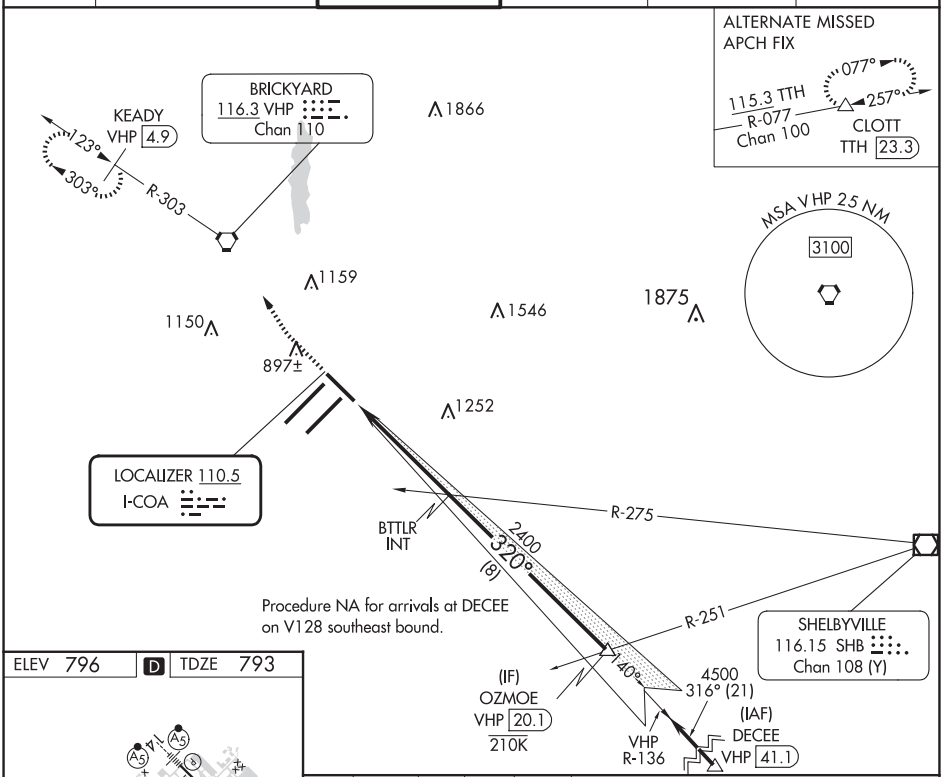
LOC I-COA	APP CRS	Rwy Idg / TDZE / Apt Elev
110.5	320°	7278 / 793 / 796

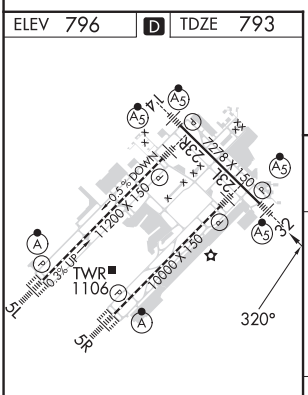
DME required.
#RVR 1800 authorized with the use of FD or AP or HUD to DA.

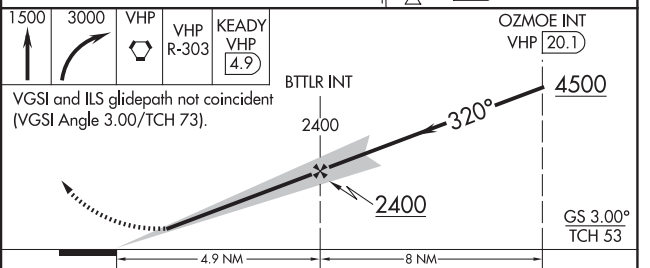
MALSR

MISSED APPROACH: Climb to 1500 then climbing right turn to 3000 direct VHP VORTAC and on VHP R-303 to KEADY/ VHP 4.9 DME and hold.

D-ATIS	INDIANAPOLIS APP CON	INDY TOWER	GND CON	CLNC DEL	CPDLC
134.25	128.175 317.8	120.9 251.1	121.9	128.75 251.1	







HIRL all Rwys
TDZ/CL Rwys 5L and 5R

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 32	# 993/24 200 (200-½)			
S-LOC 32	1280/24 487 (500-½)		1280/50 487 (500-1)	
C CIRCLING	1420-1 624 (700-1)		1420-1¾ 624 (700-1¾)	1560-2½ 764 (800-2½)

INDIANAPOLIS, INDIANA
Amdt 21A 22JUN17

39°43'N-86°18'W

INDIANAPOLIS INTL (IND)
ILS or LOC RWY 32

EC-2, 12 JUN 2025 to 07 AUG 2025

ILS RWY 5L (SA CAT I)

INDIANAPOLIS INTL (IND)

LOC/DME I-IND	APP CRS	Rwy Idg	11200
111.75	050°	TDZE	747
Chan 54 (Y)		Apt Elev	796

T A Simultaneous approach authorized. Requires specific OPSPEC, MSPEC, or LOA approval and use of HUD to DH. DME or RADAR required.

ALSF-2

MISSED APPROACH: Climb to 1700 then climbing left turn to 3000 direct VHP VORTAC then on VHP VORTAC R-303 to KEADY/VHP 4.9 DME/RADAR and hold.

D-ATIS	INDIANAPOLIS APP CON	INDY TOWER	GND CON	CLNC DEL	CPDLC
134.25	128.175 317.8	120.9 251.1	121.9	128.75 251.1	

MISSED APCH FIX

R-303 123° 303° KEADY VHP 4.9 RADAR 116.3 VHP Chan 110

1546

LOCALIZER 111.75 I-IND Chan 54(Y)

1252

1159 1150 897± IM 870±

OINKK INT I-IND 6.1 RADAR

STDUM I-IND 9 RADAR

(IF) FTBLL I-IND 12.1 RADAR

(IAF) WAAYN I-IND 15.2 RADAR 210K

2100 3000 4000 050° (2.8) (3.1) (3.1)

116.3 VHP R-183 Chan 110

5000 to WAAYN 004° (0.9) and LOC (10.1)

230°

(IAF) KELLY VHP 27.9 (CFVDC)

RADAR or DME REQUIRED

MSA VHP 25 NM 3100

ALTERNATE MISSED APCH FIX

115.3 TTH R-077 Chan 100 077° 257° CLOTT TTH 23.3 RADAR

Procedure NA for arrivals at KELLY on V11 southwest bound and V12 westbound.

ELEV 796 D TDZE 747

VGSI and ILS glidepath not coincident (VGSI Angle 3.00/TCH 74).

1700 3000 VHP VHP R-303 KEADY VHP 4.9 RADAR

WAAYN I-IND 15.2 RADAR FTBLL I-IND 12.1 RADAR STDUM I-IND 9 RADAR OINKK INT I-IND 6.1 RADAR

5000 050° 4000 3000 2100 IM

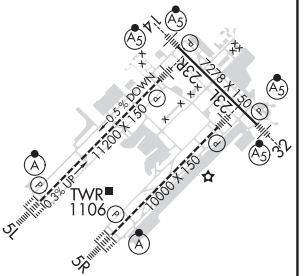
GS 3.00° TCH 53

2100

3.1 NM 3.1 NM 2.8 NM 4.1 NM 989'

CATEGORY	A	B	C	D
S-ILS 5L	RA 178/14 150 DA 897			

SA CATEGORY I ILS - SPECIAL AIRCREW & AIRCRAFT CERTIFICATION REQUIRED



HIRL all Rwys
TDZ/CL Rwys 5L and 5R

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

INDIANAPOLIS, INDIANA

AL-203 (FAA)

24361

ILS RWY 5R (SA CAT I)

INDIANAPOLIS INTL (IND)

LOC/DME I-OQV	APP CRS	Rwy Idg 10000
111.15	050°	TDZE 791
Chan 48 (Y)		Apt Elev 796

DME or RADAR required. Simultaneous approach authorized. Requires specific OPSPEC, MSPEC, or LOA approval and use of HUD to DH.

ALSF-2

MISSED APPROACH: Climb to 1500 then climbing right turn to 3000 on heading 148° and on VHP VORTAC R-136 to OZMOE INT/VHP 20.1 DME and hold.

D-ATIS	INDIANAPOLIS APP CON	INDY TOWER	GND CON	CLNC DEL	CPDLC
134.25	128.175 317.8	120.9 251.1	121.9	128.75 251.1	

ALT MISSED APCH FIX

116.3 VHP R-136 Chan 110

071°

251°

116.15 SHB R-251 Chan 108 (Y)

OZMOE SHB 12.1

BRICKYARD 116.3 VHP Chan 110

LOCALIZER 111.15 I-OQV Chan 48(Y)

1159

1150

897±

855

1546

1875

1252

MSA VHP 25 NM

3100

R-178

R-188

R-136

IM

BGTEN INT I-OQV 8.6 RADAR

(IF) BIGRD I-OQV 11.7 RADAR

HUUPS INT I-OQV 5.8 RADAR

(IAF) IIUUU I-OQV 14.9 RADAR 210K

2100 050° (2.8)

3000 050° (3.1)

4000 050° (3.1)

230°

5000 to IIUUU 051°hdg (4.6) and 050° (6.6)

(CFVBC)

(IAF) KELLY VHP 27.9

Procedure NA for arrivals at KELLY on V11 southwest bound and V12 westbound.

136°

316°

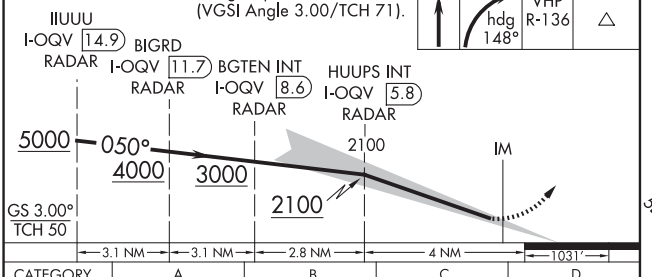
116.15 SHB R-251 Chan 108 (Y)

OZMOE VHP 20.1

ELEV 796 D TDZE 791

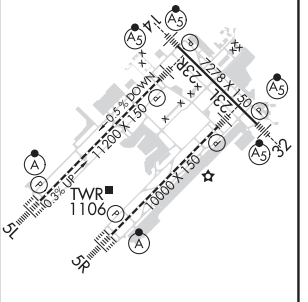
VGSI and ILS glidepath not coincident (VGSI Angle 3.00/TCH 71).

1500	3000	VHP	OZMOE
	hdg 148°	R-136	△



CATEGORY	A	B	C	D
S-ILS 5R	RA 163/14	150 DA 941		

SA CATEGORY I ILS SPECIAL AIRCREW & AIRCRAFT CERTIFICATION REQUIRED



HIRL all Rwys
TDZ/CL Rwys 5L and 5R

INDIANAPOLIS, INDIANA
Amdt 7A 26MAR20

39°43'N-86°18'W

INDIANAPOLIS INTL (IND)

ILS RWY 5R (SA CAT I)

EC-2, 12 JUN 2025 to 07 AUG 2025

EC-2, 12 JUN 2025 to 07 AUG 2025

ILS RWY 23R (SA CAT I & II)

INDIANAPOLIS INTL (IND)

LOC/DME I-UZK	APP CRS	Rwy Idg 11200
111.75	230°	TDZE 783
Chan 54 (Y)		Apt Elev 796

Simultaneous approach authorized. DME or RADAR required. Requires specific OPSPEC, MSPEC, or LOA approval and use of HUD to DH. Reduced lighting: requires specific OPSPEC, MSPEC, or LOA approval and use of autoland or HUD to touchdown.

MALSR

MISSED APPROACH: Climb to 1500 then climbing right turn to 3000 direct VHP VORTAC and on VHP R-303 to KEADY/VHP 4.9 DME/RADAR and hold.

D-ATIS	INDIANAPOLIS APP CON	INDY TOWER	GND CON	CLNC DEL	CPDLC
134.25	128.175 317.8	120.9 251.1	121.9	128.75 251.1	

Procedure NA for arrivals at CLANG on V14-192-210 northeast bound.

(IAF) CLANG VHP 24.6

5000 to RACEN 275° (0.8) and 230° (11.3)

(IAF) RACEN INT I-UZK 12.9 RADAR 210K

050°

KEADY VHP 4.9 RADAR

123° 303° R-303

BRICKYARD 116.3 VHP Chan 110

1866

4000 230° (3.1)

R-071 R-079 R-099

2600 230° (4.4)

(IF) DRVVR INT I-UZK 9.8 RADAR

1159 930 1150 897± 1546 1875 1252

CKERD INT I-UZK 5.4 RADAR

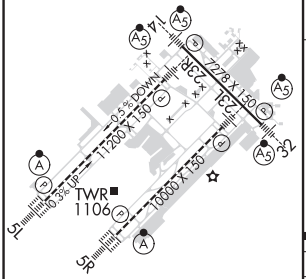
ALTERNATE MISSED APCH FIX

077° 257° 115.3 TTH R-077 Chan 100 CLOTT TTH 23.3 RADAR

LOCALIZER 111.75 I-UZK Chan 54 (Y)

MSA VHP 25 NM 3100

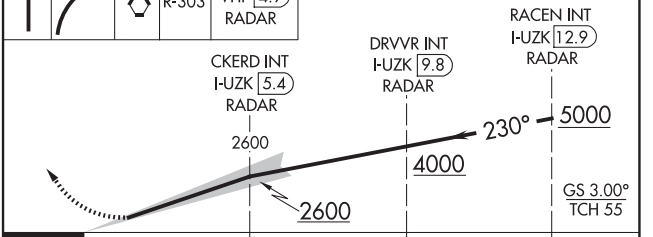
ELEV 796 D TDZE 783



HIRL all Rwys
TDZ/CL Rwys 5L and 5R

1500 3000 VHP VHP R-303 KEADY VHP 4.9 RADAR

VGSI and ILS glidepath not coincident (VGSI Angle 3.00/TCH 71).



CATEGORY	A	B	C	D
S-ILS 23R	SA CAT I RA 140/14 150 DA 933			
S-ILS 23R	SA CAT II RA 96/12 100 DA 883			

SA CATEGORY I & II ILS - SPECIAL AIRCREW & AIRCRAFT CERTIFICATION REQUIRED

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

INDIANAPOLIS, INDIANA AL-203 (FAA) 24361

ILS RWY 5L (CAT II & III)

INDIANAPOLIS INTL (IND)

LOC/DME I-IND	APP CRS	Rwy Idg	11200
111.75	050°	TDZE	747
Chan 54 (Y)		Apt Elev	796

T Simultaneous approach authorized.
A CAT III: Localizer not suitable for electronic rollout guidance. DME or RADAR required.

ALSF-2

MISSED APPROACH: Climb to 1700 then climbing left turn to 3000 direct VHP VORTAC then on VHP VORTAC R-303 to KEADY/VHP 4.9 DME/RADAR and hold.

D-ATIS	INDIANAPOLIS APP CON	INDY TOWER	GND CON	CLNC DEL	CPDLC
134.25	128.175 317.8	120.9 251.1	121.9	128.75 251.1	

MISSED APCH FIX
KEADY
VHP 4.9
RADAR
R-303
123°
303°
116.3 VHP
Chan 110

1159
1150
897
1546
LOCALIZER 111.75
I-IND
Chan 54(Y)
1252
IM
870±
OINKK INT
I-IND 6.1
RADAR
STDUM
I-IND 9
RADAR
2100
050°
(2.8)
(IF)
FTBLL
I-IND 12.1
RADAR
3000
050°
(3.1)
(IAF)
WAAYN
I-IND 15.2
RADAR
210K
4000
050°
(3.1)
116.3 VHP
R-183
Chan 110

RADAR or DME REQUIRED

5000 to WAAYN
004° (0.9) and
LOC (10.1)
230°
(IAF)
KELLY
VHP 27.9
(CFVDC)

MSA VHP 25 NM
3100

ALTERNATE MISSED APCH FIX
077°
115.3 TTH
R-077
Chan 100
257°
CLOTT
TTH 23.3
RADAR

Procedure NA for arrivals at KELLY on V11 southwest bound and V12 westbound.

ELEV 796 D TDZE 747

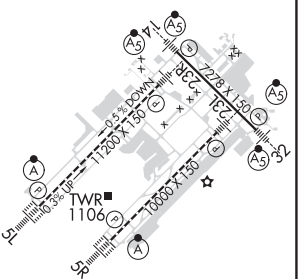
VGSI and ILS glidepath not coincident (VGSI Angle 3.00/TCH 74).

1700	3000	VHP	VHP R-303	KEADY VHP 4.9 RADAR

WAAYN I-IND 15.2 RADAR
FTBLL I-IND 12.1 RADAR
STDUM I-IND 9 RADAR
OINKK INT I-IND 6.1 RADAR
5000
050°
4000
3000
2100
IM
842
GS 3.00°
TCH 53
2100
3.1 NM 3.1 NM 2.8 NM 4.1 NM 989'

CATEGORY	A	B	C	D
S-ILS 5L	CAT II RA 113/12 100 DA 847			
S-ILS 5L	CAT III RVR 07			

CATEGORY II & III ILS - SPECIAL AIRCREW & AIRCRAFT CERTIFICATION REQUIRED



HIRL all Rwys
TDZ/CL Rwys 5L and 5R

INDIANAPOLIS, INDIANA
Amdt 5A 08OCT20

39°43'N-86°18'W

INDIANAPOLIS INTL (IND)

ILS RWY 5L (CAT II & III)

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

ILS RWY 5R (CAT II & III)

INDIANAPOLIS INTL (IND)

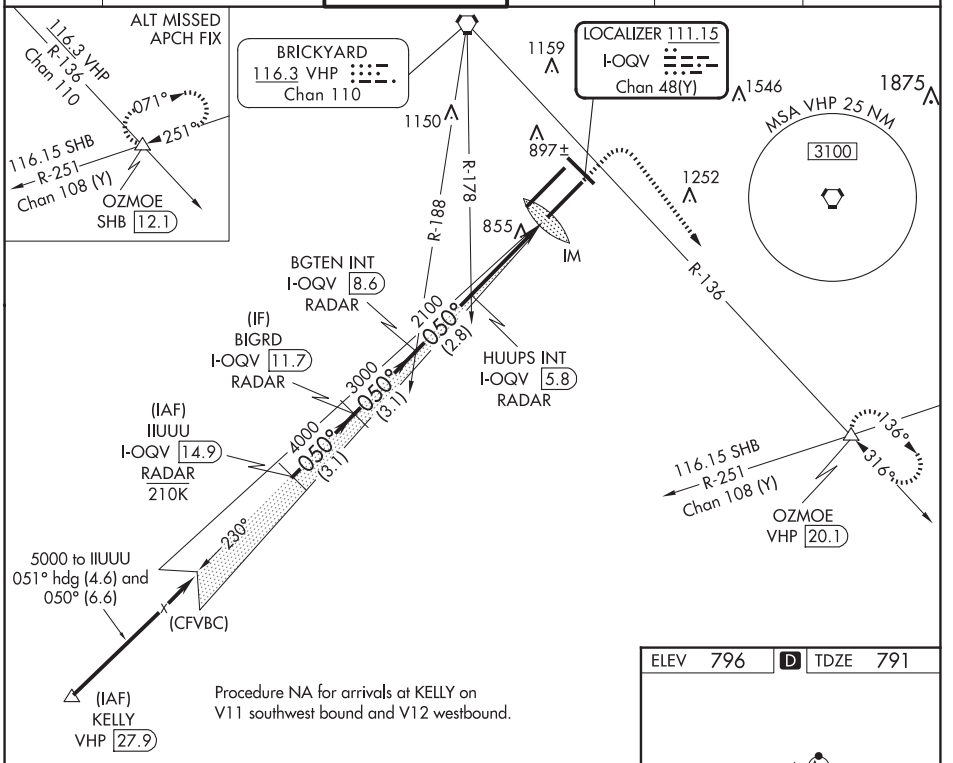
LOC/DME I-OQV	APP CRS	Rwy Idg	10000
111.15	050°	TDZE	791
Chan 48 (Y)		Apt Elev	796

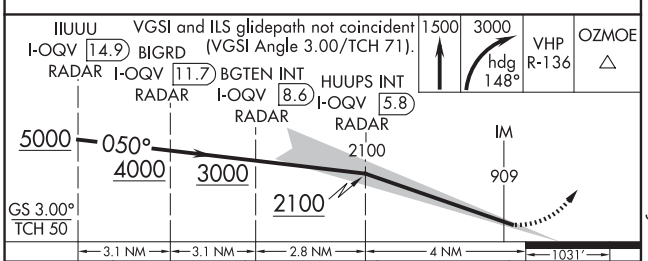
DME or RADAR required.
Simultaneous approach authorized.

ALSF-2

MISSED APPROACH: Climb to 1500 then climbing right turn to 3000 on heading 148° and on VHP VORTAC R-136 to OZMOE INT/VHP 20.1 DME and hold.

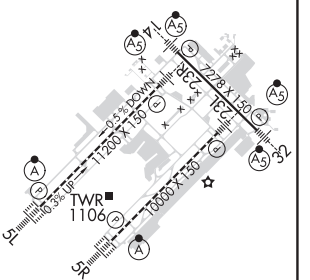
D-ATIS	INDIANAPOLIS APP CON		INDY TOWER		GND CON	CLNC DEL		CPDLC
134.25	128.175	317.8	120.9	251.1	121.9	128.75	251.1	





CATEGORY	A	B	C	D
S-ILS 5R	CAT II RA 109/12 100 DA 891			
S-ILS 5R	CAT III RVR 06			

ELEV 796 D TDZE 791



HIRL all Rwys
TDZ/CL Rwys 5L and 5R

CATEGORY II & III ILS - SPECIAL AIRCREW & AIRCRAFT CERTIFICATION REQUIRED

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

INDIANAPOLIS, INDIANA

AL-203 (FAA)

24361

ILS RWY 23L (SA CAT II)

INDIANAPOLIS INTL (IND)

LOC/DME I-FVJ	APP CRS	Rwy Idg 10000
111.15	230°	TDZE 790
Chan 48 (Y)		Apt Elev 796

Simultaneous approach authorized.
Requires specific OPSPEC, MSPEC, or LOA approval.

MALSR

MISSED APPROACH: Climb to 1500 then climbing left turn to 3000 on heading 100° and on VHP VORTAC R-136 to OZMOE INT/VHP 20.1 DME and hold.

D-ATIS	INDIANAPOLIS APP CON	INDY TOWER	GND CON	CLNC DEL	CPDLC
134.25	128.175 317.8	120.9 251.1	121.9	128.75 251.1	

MSA VHP 25 NM
3100

Procedure NA for arrivals at CLANG on V14-192-210 northeast bound.

(IAF)
CLANG
VHP 24.6

050°

5000 to LLARY
185° (0.3) and
230° (11.6)

1866

BRICKYARD
116.3 VHP
Chan 110

R-074
R-082
R-101

4000
230°
(3.1)

(IAF)
LLARY INT
I-FVJ 12.9
RADAR
210K

2600
230°
(4.4)

(IF)
BBIRD INT
I-FVJ 9.8
RADAR

949
1159
1546
1150
897±
1252

PACRR INT
I-FVJ 5.4
RADAR

R-136

LOCALIZER 111.15
I-FVJ
Chan 48(Y)

ALT MISSED APCH FIX

071°
251°
116.15 SHB
R-251
Chan 108 (Y)
OZMOE
SHB 12.1

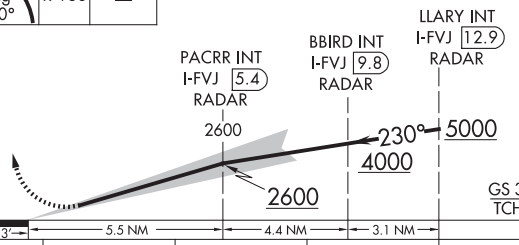
MISSED APCH FIX

116.3 VHP
R-136
Chan 110
136°
316°
116.15 SHB
R-251
Chan 108 (Y)
OZMOE
VHP 20.1

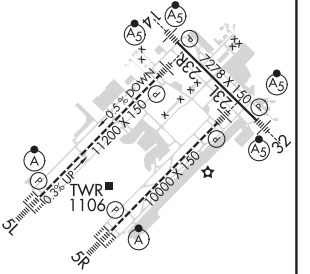
ELEV 796 | D | TDZE 790

1500	3000 hdg 100°	VHP R-136	OZMOE

VGSI and ILS glidepath not coincident
(VGSI Angle 3.00/TCH 71).



CATEGORY	A	B	C	D
S-ILS 23L	RA 105/12	100 DA 890		



HIRL all Rwys
TDZ/CL Rwys 5L and 5R

SA CATEGORY II ILS- SPECIAL AIRCREW & AIRCRAFT CERTIFICATION REQUIRED

INDIANAPOLIS, INDIANA
Amdt 8 25JAN24

39°43'N-86°18'W

INDIANAPOLIS INTL (IND)

ILS RWY 23L (SA CAT II)

EC-2, 12 JUN 2025 to 07 AUG 2025

RNAV (RNP) Z RWY 5L

INDIANAPOLIS INTL (IND)

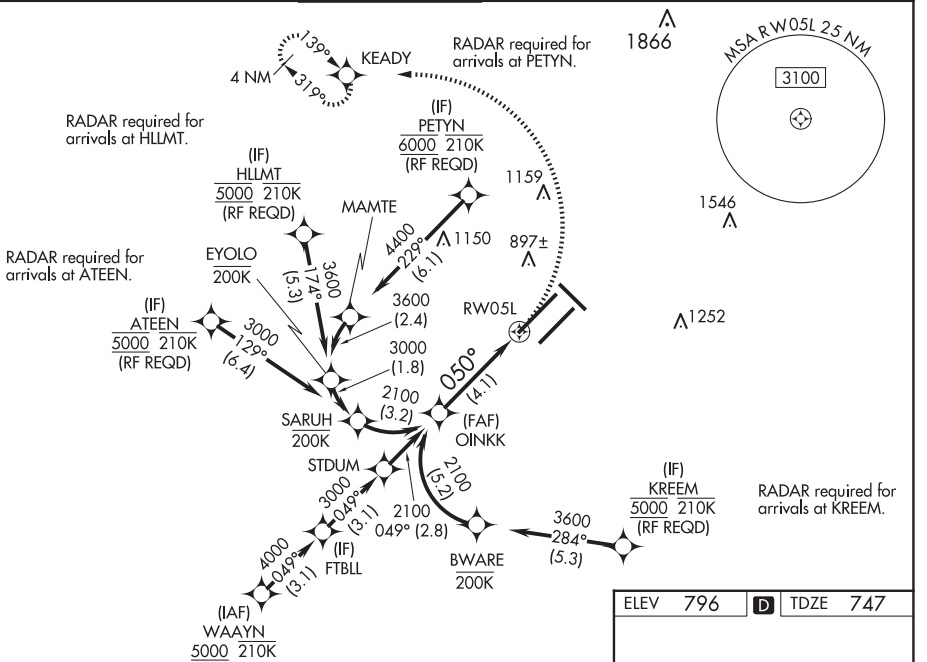
APP CRS	Rwy Idg	11200
050°	TDZE	747
	Apt Elev	796

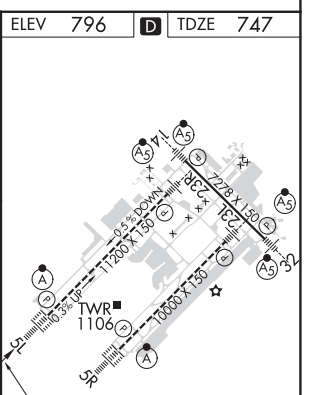
For uncompensated Baro-VNAV systems, procedure NA below -18°C (0°F) or above 54°C (130°F). GPS required. For inop ALS, increase RNP 0.30 all Cats visibility to 1½ SM. Simultaneous approach authorized.

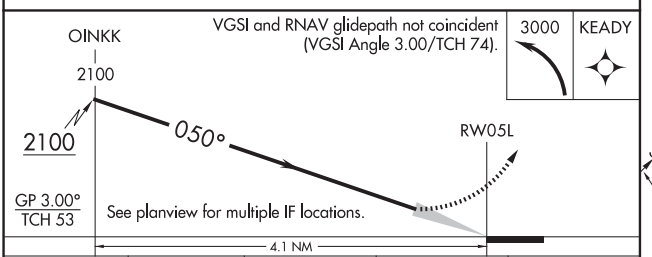
ALSF-2

MISSED APPROACH: Climbing left turn to 3000 direct KEADY and hold.

D-ATIS	INDIANAPOLIS APP CON	INDY TOWER	GND CON	CLNC DEL	CPDLC
134.25	128.175 317.8	120.9 251.1	121.9	128.75 251.1	







VGSI and RNAV glidepath not coincident (VGSI Angle 3.00/TCH 74).

3000 KEADY

CATEGORY	A	B	C	D
RNP 0.30 DA	1197/60		450 (500-1¼)	

AUTHORIZATION REQUIRED

HIRL all Rwys
TDZ/CL Rwys 5L and 5R

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

INDIANAPOLIS, INDIANA | AL-203 (FAA) | 24361

RNAV (RNP) Z RWY 5R

INDIANAPOLIS INTL (IND)

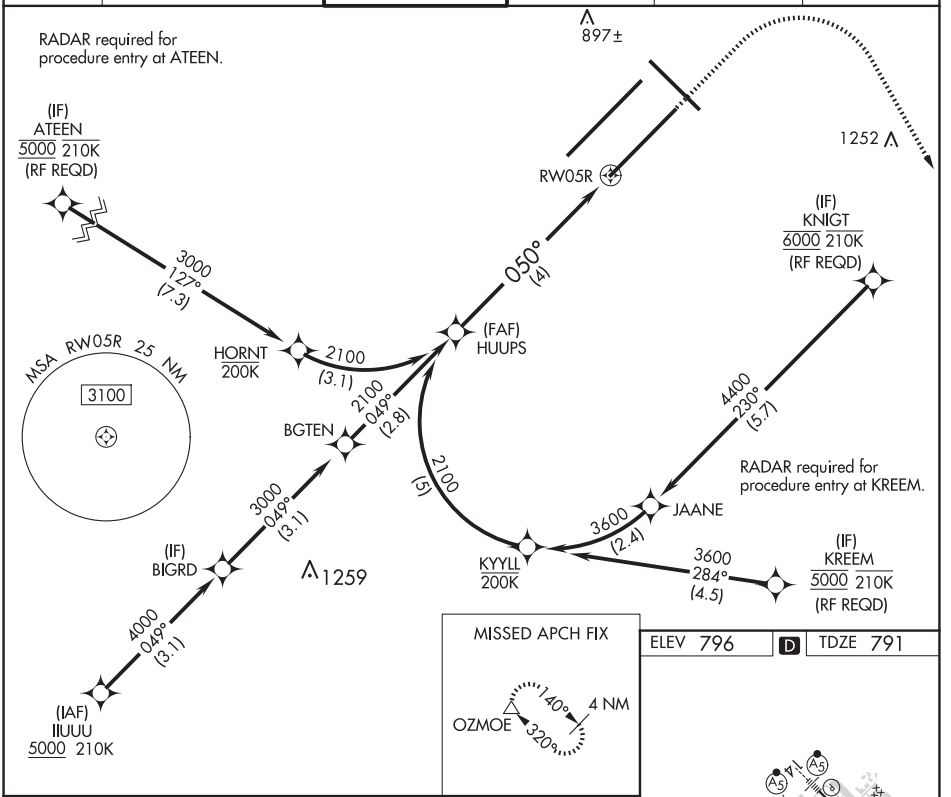
APP CRS	Rwy Idg	10000
050°	TDZE	791
	Apt Elev	796

For uncompensated Baro-VNAV systems, procedure NA below -18°C (0°F) or above 54°C (130°F). GPS required. Simultaneous approach authorized, for arrivals from IIUUU only.

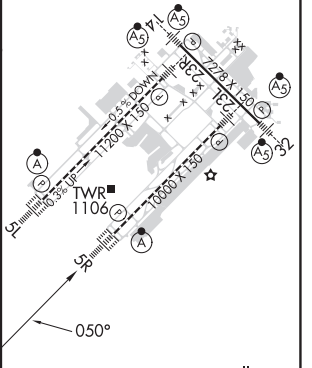
ALSF-2

MISSED APPROACH: Climb to 1500, then climbing right turn to 3000 direct OZMOE and hold.

D-ATIS	INDIANAPOLIS APP CON	INDY TOWER	GND CON	CLNC DEL	CPDLC
134.25	128.175 317.8	120.9 251.1	121.9	128.75 251.1	



ELEV 796 | D | TDZE 791

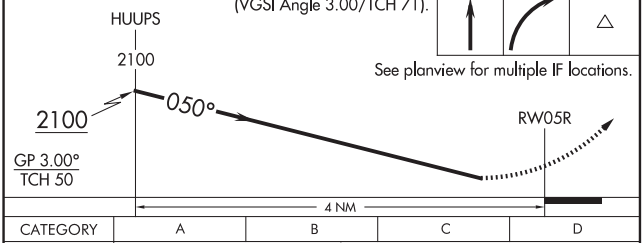


HIRL all Rwys
TDZ/CL Rwys 5L and 5R

VGSI and RNAV glidepath not coincident (VGSI Angle 3.00/TCH 71).

1500	3000	OZMOE
↑	↗	△

See planview for multiple IF locations.



CATEGORY	A	B	C	D
RNP 0.11 DA	1174/45 383 (400-⅞)			
RNP 0.30 DA	1271/60 480 (500-1¼)			

AUTHORIZATION REQUIRED

INDIANAPOLIS, INDIANA
Amdt 2A 22JUN17

39°43'N-86°18'W

INDIANAPOLIS INTL (IND)
RNAV (RNP) Z RWY 5R

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

RNAV (RNP) Z RWY 14

INDIANAPOLIS INTL (IND)

APP CRS	Rwy ldg	7278
140°	TDZE	796
	Apt Elev	796

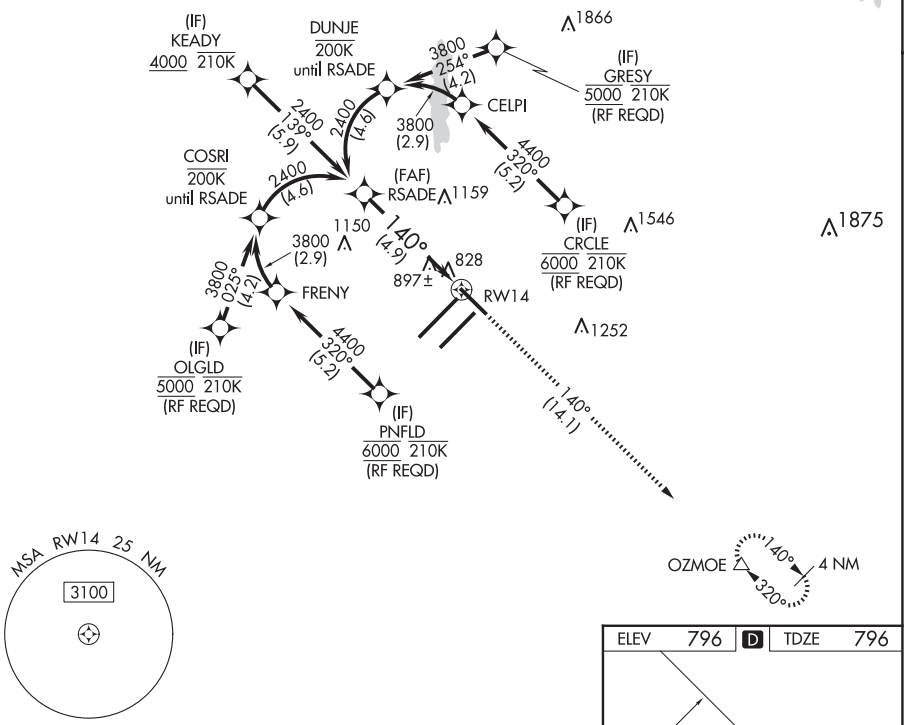
RNP AR APCH.

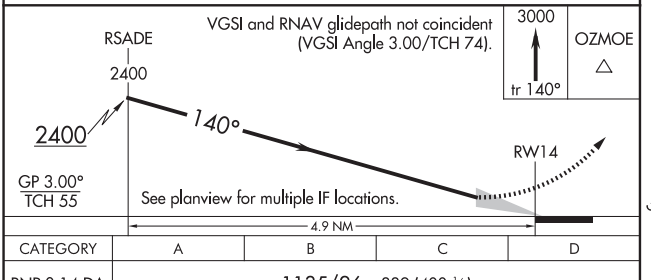
For uncompensated Baro-VNAV systems, procedure NA below -18°C or above 54°C.

MALSR

MISSED APPROACH: Climb to 3000 on track 140° to OZMOE and hold.

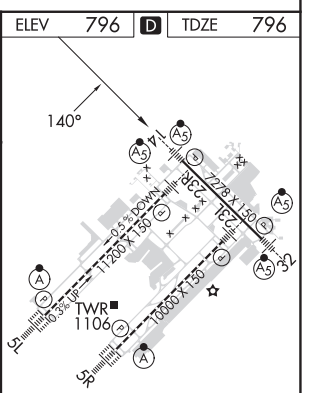
D-ATIS	INDIANAPOLIS APP CON	INDY TOWER	GND CON	CLNC DEL	CPDLC
134.25	128.175 317.8	120.9 251.1	121.9	128.75 251.1	





CATEGORY	A	B	C	D
RNP 0.14 DA	1135/26 339 (400-½)			
RNP 0.30 DA	1192/45 396 (400-⅞)			

AUTHORIZATION REQUIRED



HIRL all Rwys
TDZ/CL Rwys 5L and 5R

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

INDIANAPOLIS, INDIANA

AL-203 (FAA)

24361

RNAV (RNP) Z RWY 23L

INDIANAPOLIS INTL (IND)

APP CRS	Rwy Idg	10000
230°	TDZE	790
	Apt Elev	796

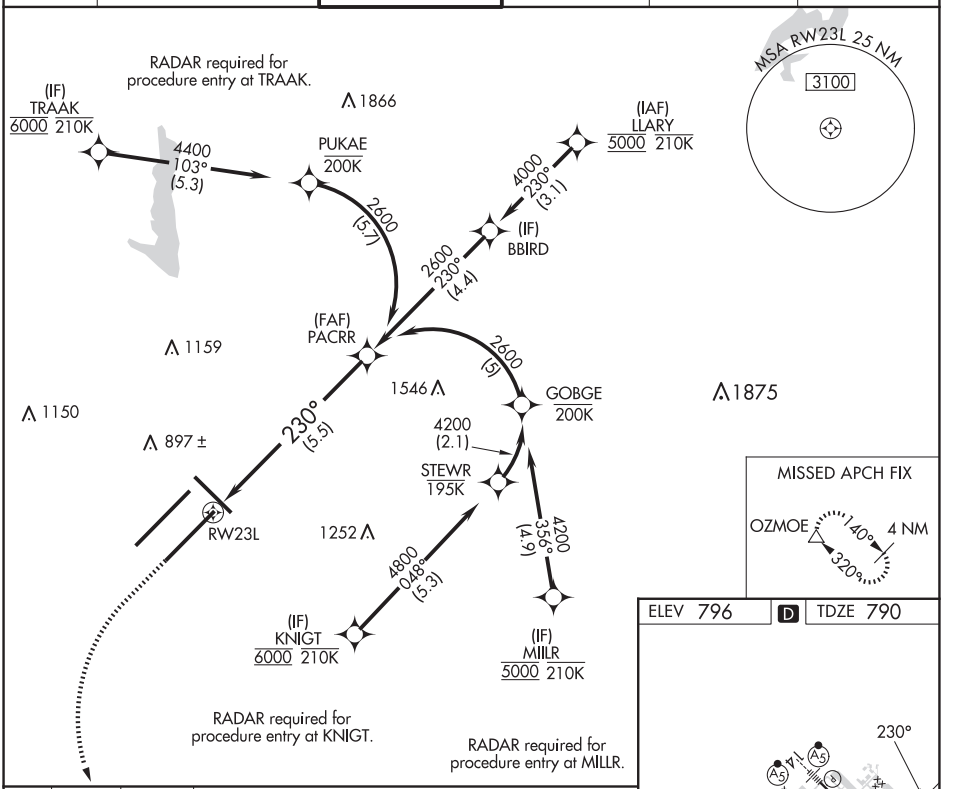
RNP AR APCH - GPS.

For uncompensated Baro-VNAV systems, procedure NA below -20°C or above 54°C. Simultaneous approach authorized for arrivals from LLARY only.

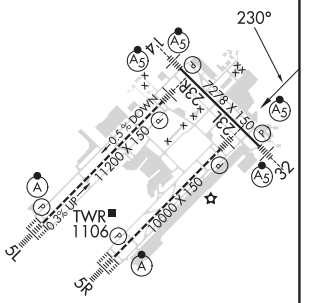
MALSR

MISSED APPROACH: Climb to 1500, then climbing left turn to 3000 direct OZMOE and hold.

D-ATIS	INDIANAPOLIS APP CON	INDY TOWER	GND CON	CLNC DEL	CPDLC
134.25	128.175 317.8	120.9 251.1	121.9	128.75 251.1	



ELEV 796 D TDZE 790

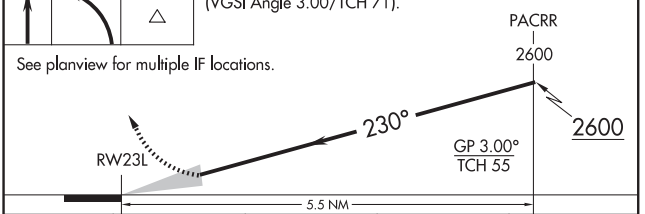


HIRL all Rwys
TDZ/CL Rwys 5L and 5R

1500	3000	OZMOE
↑	↷	△

VGSI and RNAV glidepath not coincident (VGSI Angle 3.00/TCH 71).

See planview for multiple IF locations.



CATEGORY	A	B	C	D
RNP 0.30 DA	1175/35		385 (400-⅝)	

AUTHORIZATION REQUIRED

INDIANAPOLIS, INDIANA

Amdt 3 25JAN24

39°43'N-86°18'W

INDIANAPOLIS INTL (IND)

RNAV (RNP) Z RWY 23L

EC-2, 12 JUN 2025 to 07 AUG 2025

RNAV (RNP) Z RWY 23R

INDIANAPOLIS INTL (IND)

APP CRS	Rwy Idg	11200
230°	TDZE	783
	Apt Elev	796

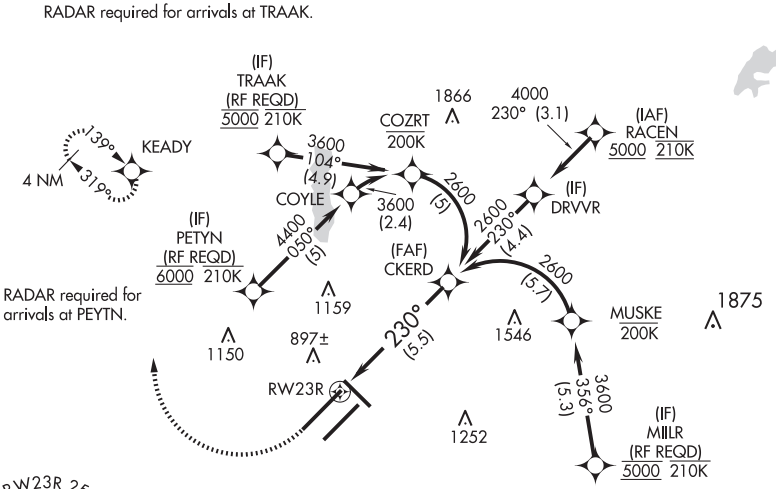
For uncompensated Baro-VNAV systems, procedure NA below -18°C (0°F) or above 54°C (130°F). GPS Required. For inoperative ALS, increase RNP 0.15 all Cats visibility to RVR 6000 and increase RNP 0.30 all Cats visibility to 1⅜ SM. Simultaneous approach authorized.

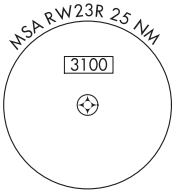
MALSR

MISSED APPROACH: Climb to 1200 then climbing right turn to 3000 direct KEADY and hold.

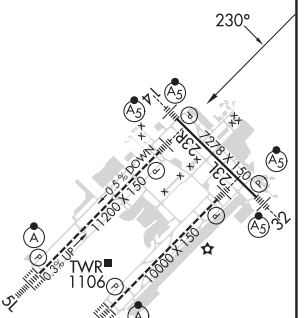
D-ATIS	INDIANAPOLIS APP CON	INDY TOWER	GND CON	CLNC DEL	CPDLC
134.25	128.175 317.8	120.9 251.1	121.9	128.75 251.1	

RADAR required for arrivals at TRAAK.





ELEV	796	D	TDZE	783

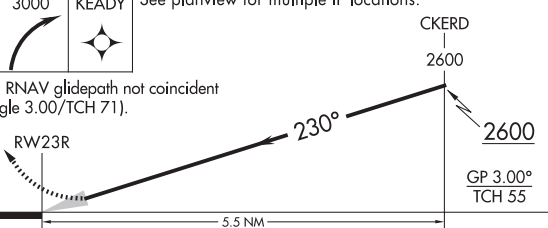


HIRL all Rwys
TDZ/CL Rwys 5L and 5R

1200	3000	KEADY

See planview for multiple IF locations.

VGSI and RNAV glidepath not coincident (VGSI Angle 3.00/TCH 71).



CATEGORY	A	B	C	D
RNP 0.15 DA		1147/40	364 (400-¾)	
RNP 0.30 DA		1206/50	423 (500-1)	

AUTHORIZATION REQUIRED

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

INDIANAPOLIS, INDIANA

AL-203 (FAA)

24361

RNAV (RNP) Z RWY 32

INDIANAPOLIS INTL (IND)

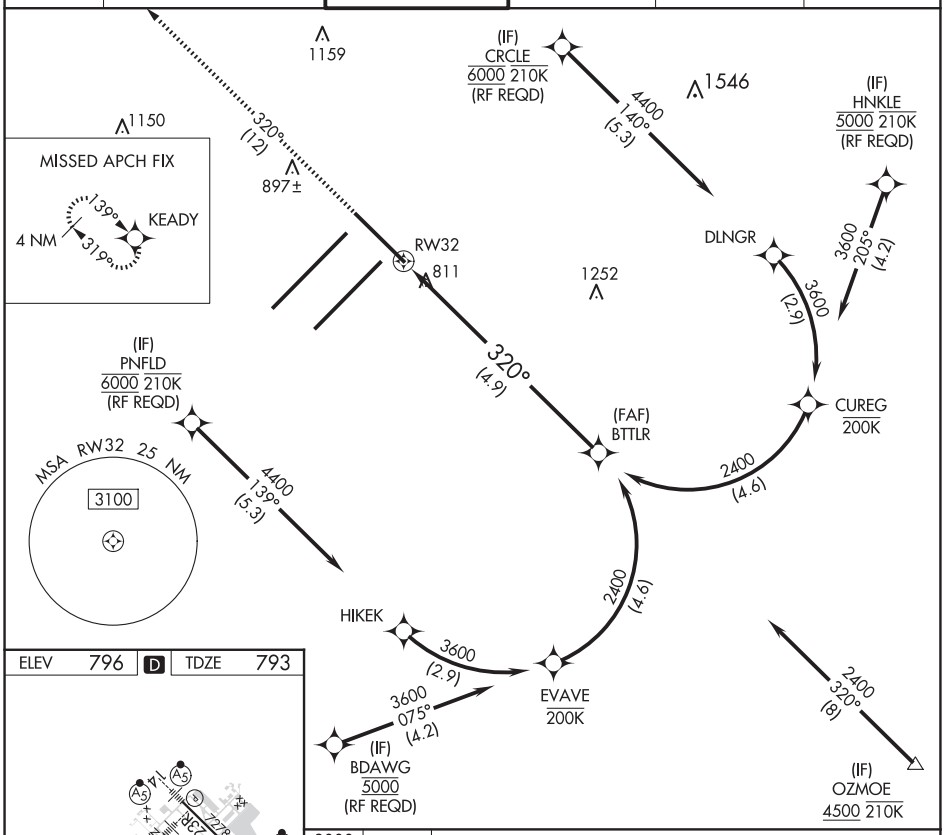
APP CRS	Rwy ldg	7278
320°	TDZE	793
	Apt Elev	796

For uncompensated Baro-VNAV systems, procedure NA below -18°C (2°F) or above 54°C (130°F). GPS required.

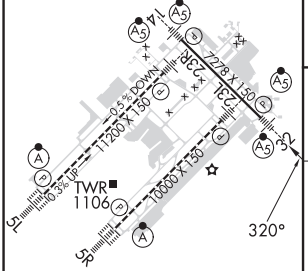
MALSR

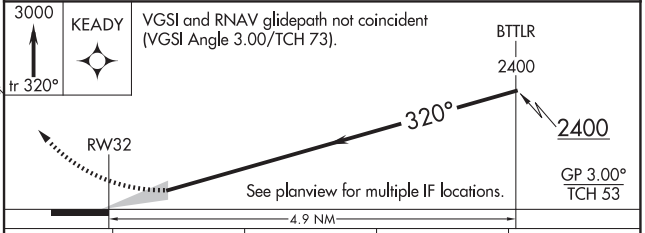
MISSED APPROACH: Climb to 3000 on track 320° to KEADY and hold.

D-ATIS	INDIANAPOLIS APP CON	INDY TOWER	GND CON	CLNC DEL	CPDLC
134.25	128.175 317.8	120.9 251.1	121.9	128.75 251.1	



ELEV 796 D TDZE 793





CATEGORY	A	B	C	D
RNP 0.19 DA	1134/30		341 (400-⅝)	
RNP 0.30 DA	1196/45		403 (400-⅞)	

AUTHORIZATION REQUIRED

HIRL all Rwys
TDZ/CL Rwys 5L and 5R

INDIANAPOLIS, INDIANA
Amdt 2 10NOV16

39°43'N-86°18'W

INDIANAPOLIS INTL (IND)

RNAV (RNP) Z RWY 32

EC-2, 12 JUN 2025 to 07 AUG 2025

EC-2, 12 JUN 2025 to 07 AUG 2025

RNAV (GPS) Y RWY 5L

INDIANAPOLIS INTL (IND)

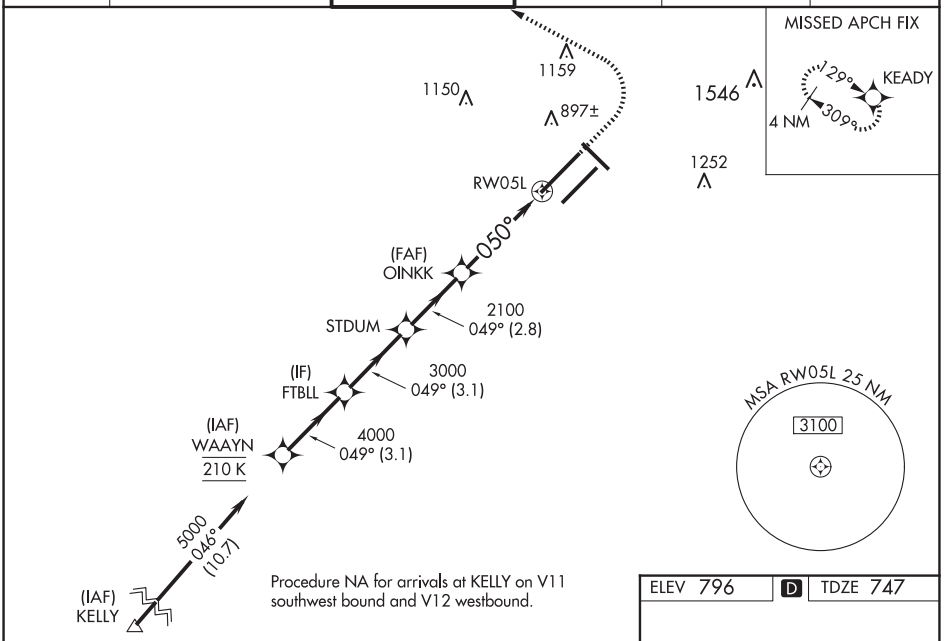
WAAS CH 45706 W05A	APP CRS 050°	Rwy Idg 11200 TDZE 747 Apt Elev 796

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. Simultaneous approach authorized. LNAV procedure NA during simultaneous operations. Use of FD or AP providing RNAV track guidance required during simultaneous operations. For inoperative ALS, increase LNAV/VNAV all Cats visibility to 1¼ SM and increase LNAV Cat C/D visibility to 1⅜ SM.

ALSF-2

MISSED APPROACH: Climb to 1300 then climbing left turn to 3000 direct KEADY and hold.

D-ATIS	INDIANAPOLIS APP CON	INDY TOWER	GND CON	CLNC DEL	CPDLC
134.25	128.175 317.8	120.9 251.1	121.9	128.75 251.1	

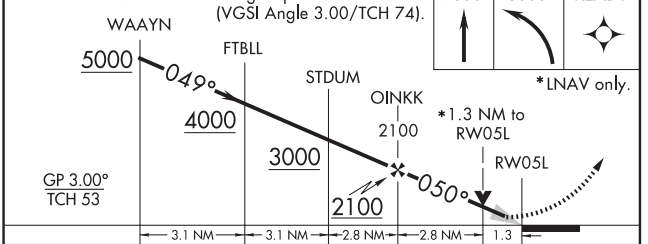


Procedure NA for arrivals at KELLY on V11 southwest bound and V12 westbound.

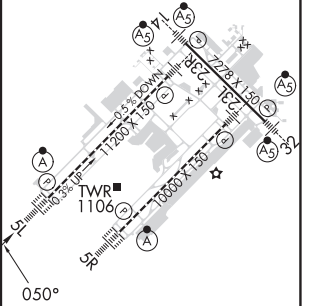
ELEV 796 D TDZE 747

VGSI and RNAV glidepath not coincident (VGSI Angle 3.00/TCH 74).

1300 3000 KEADY



*LNAV only.



CATEGORY	A	B	C	D
LPV DA	947/18 200 (200-½)			
LNAV/VNAV DA	1136/45 389 (400-⅞)			
LNAV MDA	1220/24 473 (500-½)		1220/50 473 (500-1)	
C CIRCLING	1420-1 624 (700-1)		1420-1¾ 624 (700-1¾)	1560-2½ 764 (800-2½)

HIRL all Rwys
TDZ/CL Rwys 5L and 5R

EC-2, 12 JUN 2025 to 07 AUG 2025

EC-2, 12 JUN 2025 to 07 AUG 2025

INDIANAPOLIS, INDIANA AL-203 (FAA) 24361

WAAS	APP CRS	Rwy Idg	10000
CH 50306	050°	TDZE	791
W05B		Apt Elev	796

RNAV (GPS) Y RWY 5R

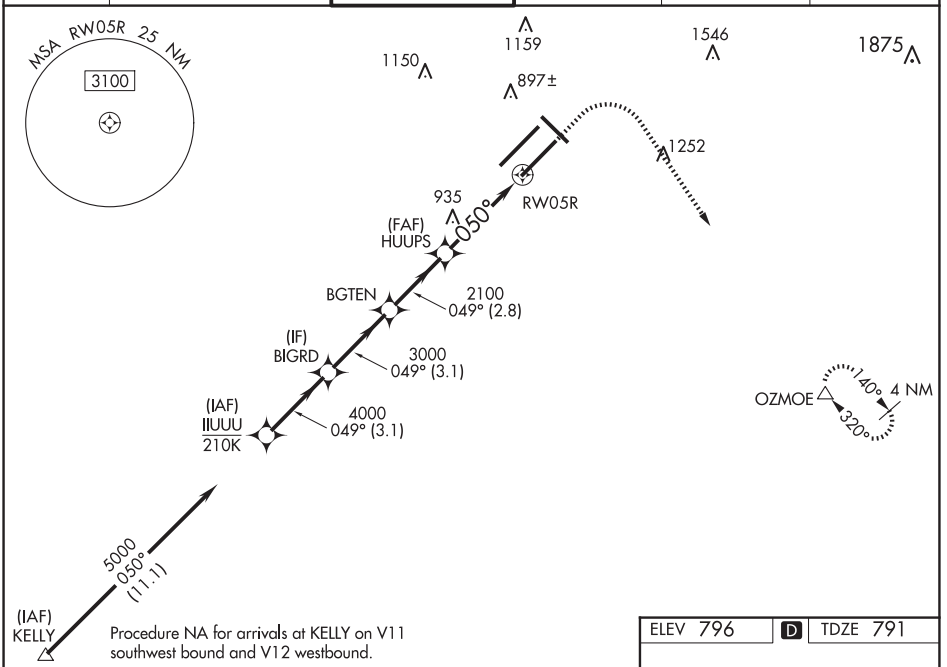
INDIANAPOLIS INTL (IND)

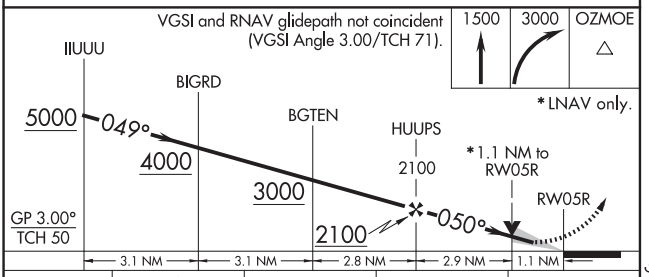
For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -18°C (0°F) or above 54°C (130°F). DME/DME RNP-0.3 NA. Simultaneous approach authorized. LNAV procedure NA during simultaneous operations. Use of FD or AP providing RNAV track guidance required during simultaneous operations.

ALSF-2

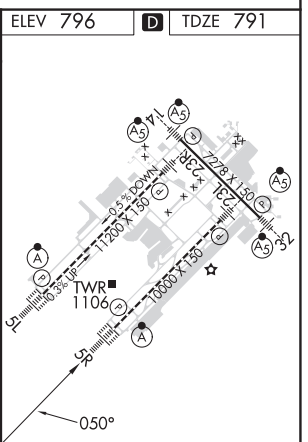
MISSED APPROACH: Climb to 1500 then climbing right turn to 3000 direct OZMOE and hold.

D-ATIS	INDIANAPOLIS APP CON	INDY TOWER	GND CON	CLNC DEL	CPDLC
134.25	128.175 317.8	120.9 251.1	121.9	128.75 251.1	





CATEGORY	A	B	C	D
LPV DA	991/18 200 (200-½)			
LNAV/VNAV DA	1172/40 381 (400-¾)			
LNAV MDA	1220/24 429 (500-½)		1220/40 429 (500-¾)	
C CIRCLING	1420-1 624 (700-1)		1420-1¾ 624 (700-1¾)	1560-2½ 764 (800-2½)



HIRL all Rwys
TDZ/CL Rwys 5L and 5R

INDIANAPOLIS, INDIANA
Amdt 4A 17AUG17

39°43'N-86°18'W

INDIANAPOLIS INTL (IND)

RNAV (GPS) Y RWY 5R

EC-2, 12 JUN 2025 to 07 AUG 2025

WAAS CH 42602 W14A	APP CRS 140°	Rwy Idg 7278 TDZE 796 Apt Elev 796

RNAV (GPS) Y RWY 14

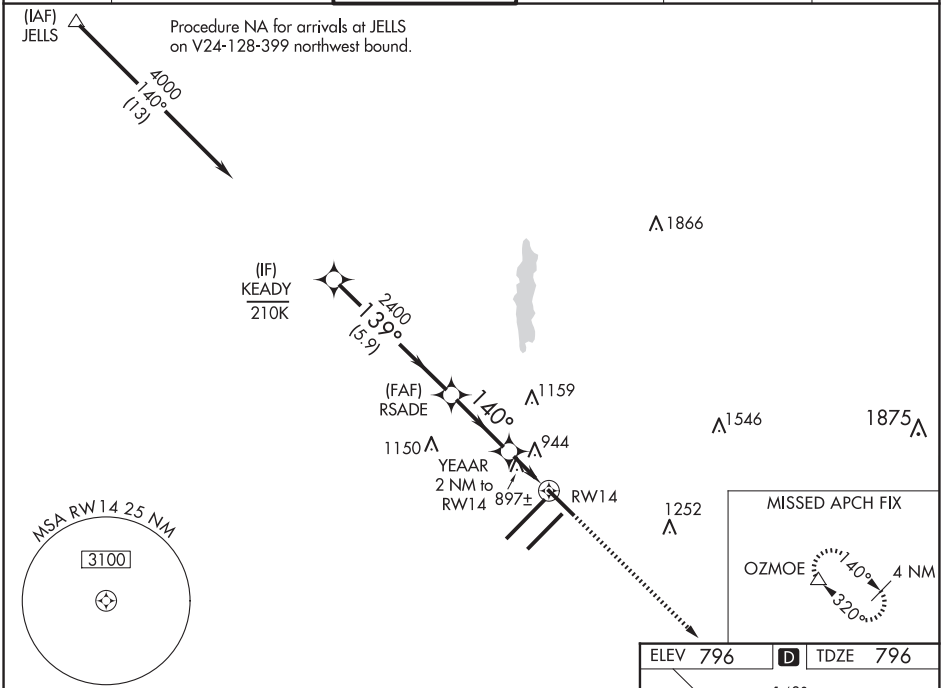
INDIANAPOLIS INTL (IND)

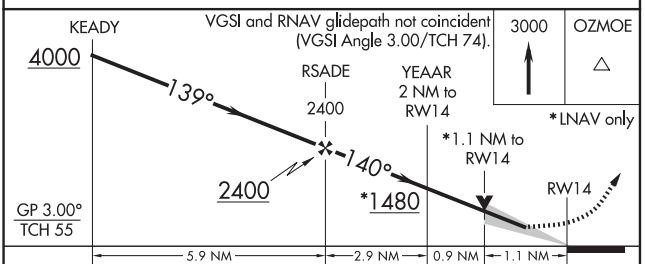
For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -18°C (0°F) or above 54°C (130°F). DME/DME RNP-0.3 NA.
**RVR 1800 authorized with use of FD or AP or HUD to DA.

MALSR

MISSED APPROACH: Climb to 3000 direct OZMOE and hold.

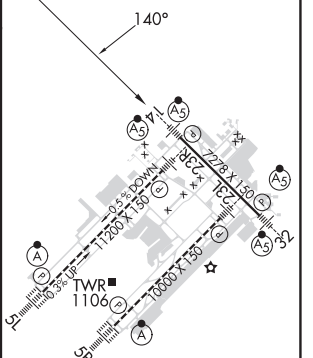
D-ATIS	INDIANAPOLIS APP CON	INDY TOWER	GND CON	CLNC DEL	CPDLC
134.25	128.175 317.8	120.9 251.1	121.9	128.75 251.1	





CATEGORY	A	B	C	D
LPV DA	**996/24 200 (200-½)			
LNAV/VNAV DA	1092/24 296 (300-½)			
LNAV MDA	1200/24 404 (500-½)		1200/40 404 (500-¾)	
C CIRCLING	1420-1 624 (700-1)		1420-1¾ 624 (700-1¾)	1560-2½ 764 (800-2½)

ELEV 796 D TDZE 796



HIRL all Rwys
TDZ/CL Rwys 5L and 5R

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

INDIANAPOLIS, INDIANA | AL-203 (FAA) | 24361

RNAV (GPS) Y RWY 23L

INDIANAPOLIS INTL (IND)

WAAS	APP CRS	Rwy Idg	10000
CH 86406	230°	TDZE	790
W23A		Apt Elev	796

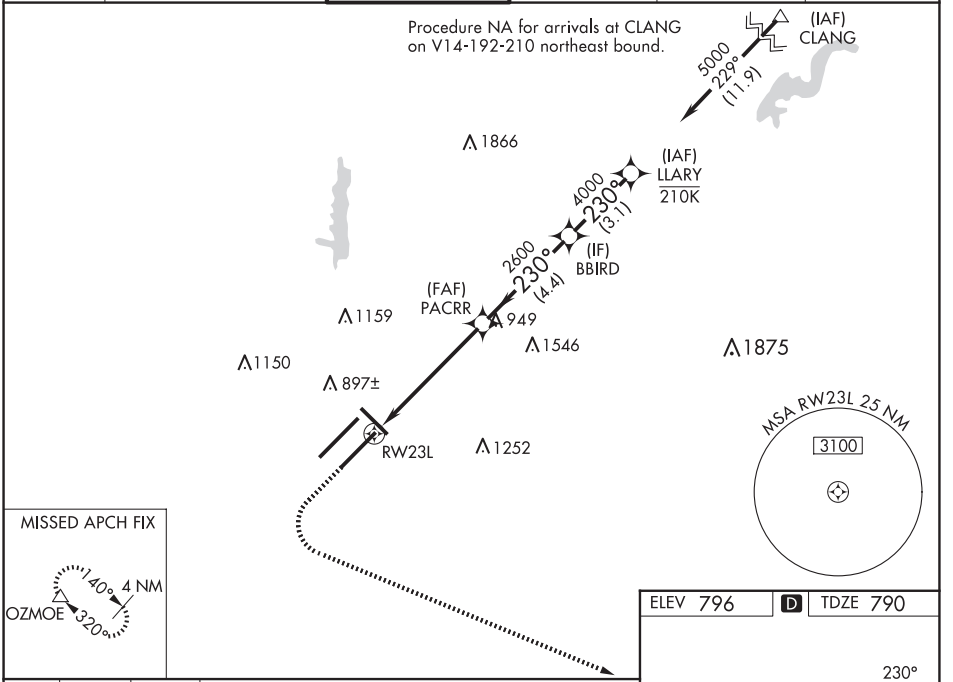
RNP APCH - GPS.

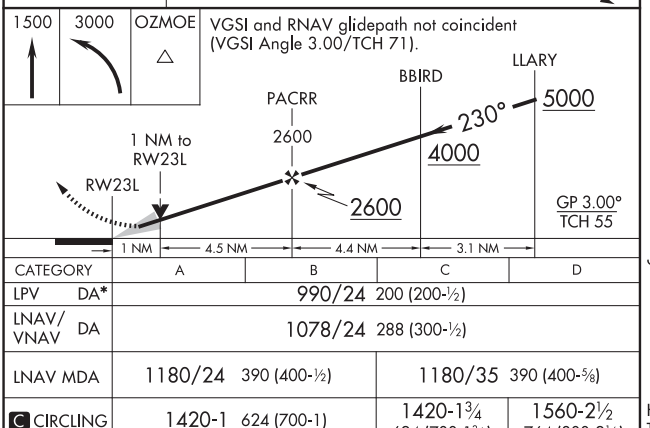
LNAV procedure NA during simultaneous operations. Simultaneous approach authorized. Use of FD or AP required during simultaneous operations. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -20°C or above 54°C. For inop ALS, increase LNAV/VNAV all Cats visibility to RVR 4500. * RVR 1800 authorized with use of FD or AP or HUD to DA.

MALSR

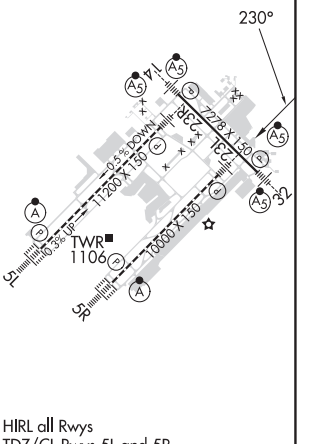
MISSED APPROACH: Climb to 1500 then climbing left turn to 3000 direct OZMOE and hold.

D-ATIS	INDIANAPOLIS APP CON	INDY TOWER	GND CON	CLNC DEL	CPDLC
134.25	128.175 317.8	120.9 251.1	121.9	128.75 251.1	





ELEV 796 | D | TDZE 790



CATEGORY	A	B	C	D
LPV DA*	990/24 200 (200-½)			
LNAV/VNAV DA	1078/24 288 (300-½)			
LNAV MDA	1180/24 390 (400-½)		1180/35 390 (400-⅝)	
C CIRCLING	1420-1 624 (700-1)		1420-1¾ 624 (700-1¾)	1560-2½ 764 (800-2½)

HIRL all Rwys
TDZ/CL Rwys 5L and 5R

INDIANAPOLIS, INDIANA | INDIANAPOLIS INTL (IND)

Amdt 5 25JAN24 | 39°43'N-86°18'W | RNAV (GPS) Y RWY 23L

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

RNAV (GPS) Y RWY 23R

INDIANAPOLIS INTL (IND)

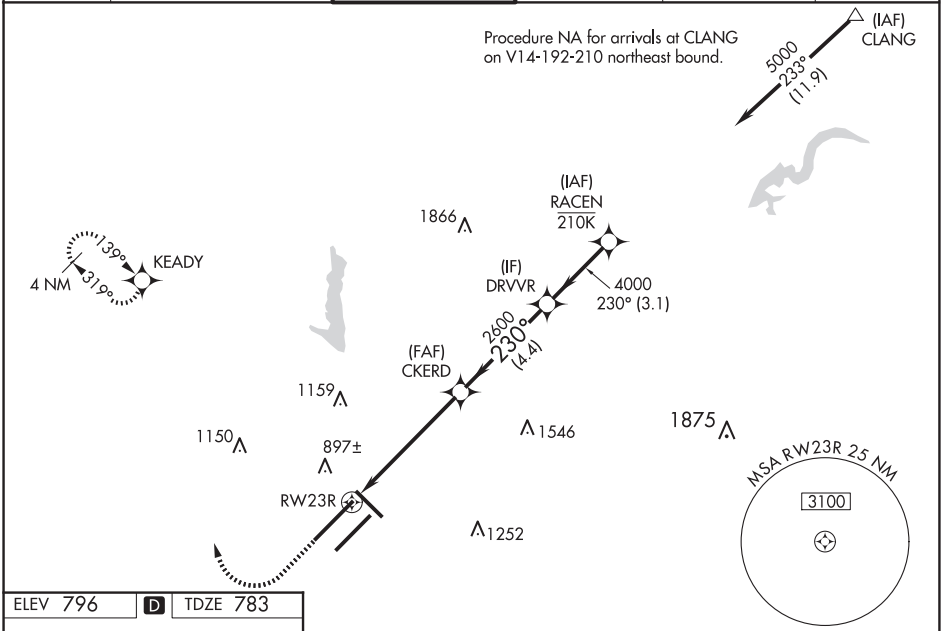
WAAS CH 77706 W23B	APP CRS 230°	Rwy Idg 11200 / TDZE 783 / Apt Elev 796

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 inoperative ALS, increase LNAV Cat C/D visibility to RVR 6000. Simultaneous approach authorized. LNAV procedure NA during simultaneous operations. Use of FD or AP providing RNAV track guidance required during simultaneous operations.
**RVR 1800 authorized with use of FD or AP or HUD to DA.

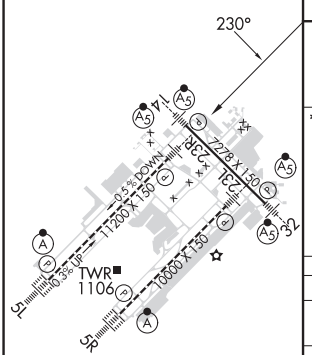
MALSR

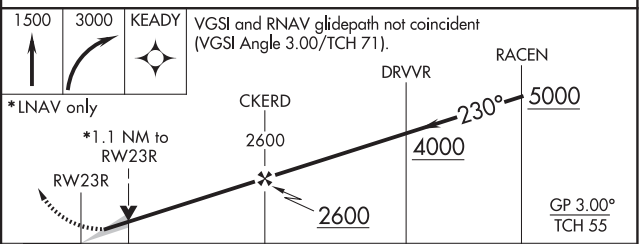
MISSED APPROACH: Climb to 1500 then climbing right turn to 3000 direct KEADY and hold.

D-ATIS	INDIANAPOLIS APP CON	INDY TOWER	GND CON	CLNC DEL	CPDLC
134.25	128.175 317.8	120.9 251.1	121.9	128.75 251.1	



ELEV 796 | D | TDZE 783





CATEGORY	A	B	C	D
LPV DA	**983/24 200 (200-½)			
LNAV/VNAV DA	1165/40 382 (400-¾)			
LNAV MDA	1200/24 417 (500-½)		1200/40 417 (500-¾)	
C CIRCLING	1420-1 624 (700-1)		1420-1¾ 624 (700-1¾)	1560-2½ 764 (800-2½)

HIRL all Rwys
TDZ/CL Rwys 5L and 5R

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

INDIANAPOLIS, INDIANA

AL-203 (FAA)

24361

RNAV (GPS) Y RWY 32

INDIANAPOLIS INTL (IND)

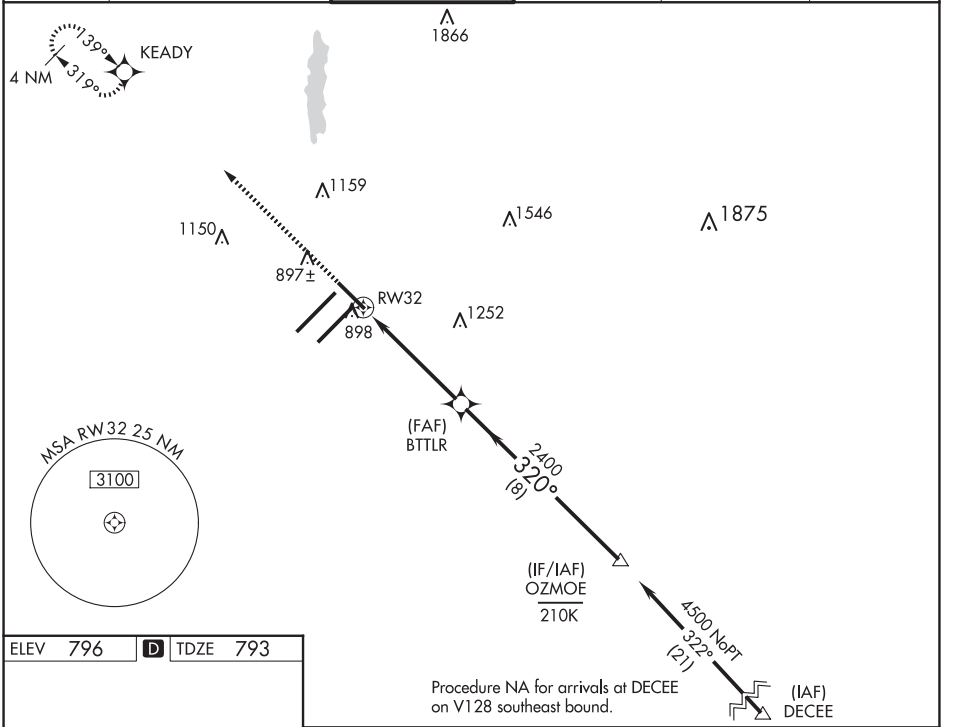
WAAS	APP CRS	Rwy Idg	7278
CH 62802	320°	TDZE	793
W32A		Apt Elev	796

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.

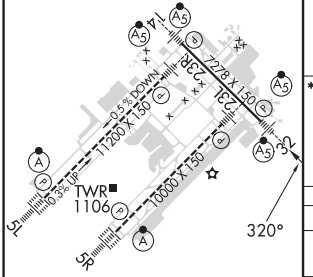
MALSR

MISSED APPROACH: Climb to 3000 direct KEADY and hold.

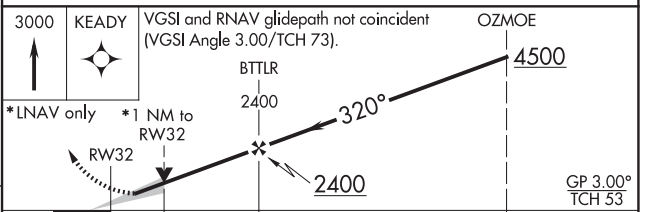
D-ATIS	INDIANAPOLIS APP CON	INDY TOWER	GND CON	CLNC DEL	CPDLC
134.25	128.175 317.8	120.9 251.1	121.9	128.75 251.1	



ELEV 796 | D | TDZE 793



HIRL all Rwys
TDZ/CL Rwys 5L and 5R



CATEGORY	A	B	C	D
LPV DA	** 993/24	200 (200-½)		
LNAV/VNAV DA	1069/24	276 (300-½)		
LNAV MDA	1160/24	367 (400-½)	1160/35	367 (400-⅝)
C CIRCLING	1420-1	624 (700-1)	1420-1¾	624 (700-1¾)	1560-2½	764 (800-2½)

INDIANAPOLIS, INDIANA

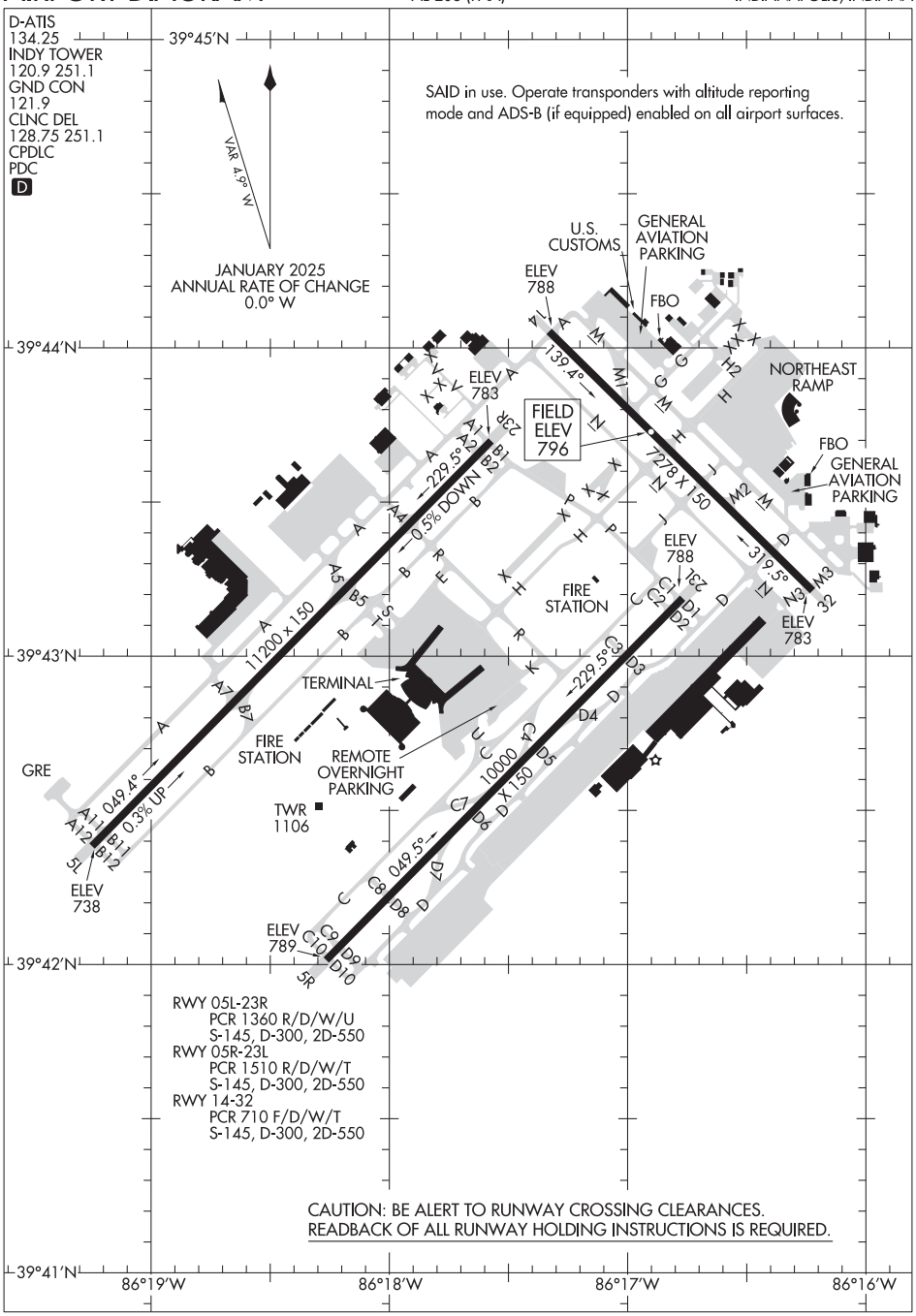
Amdt 4A 17AUG17

39°43'N-86°18'W

INDIANAPOLIS INTL (IND)

RNAV (GPS) Y RWY 32

EC-2, 12 JUN 2025 to 07 AUG 2025

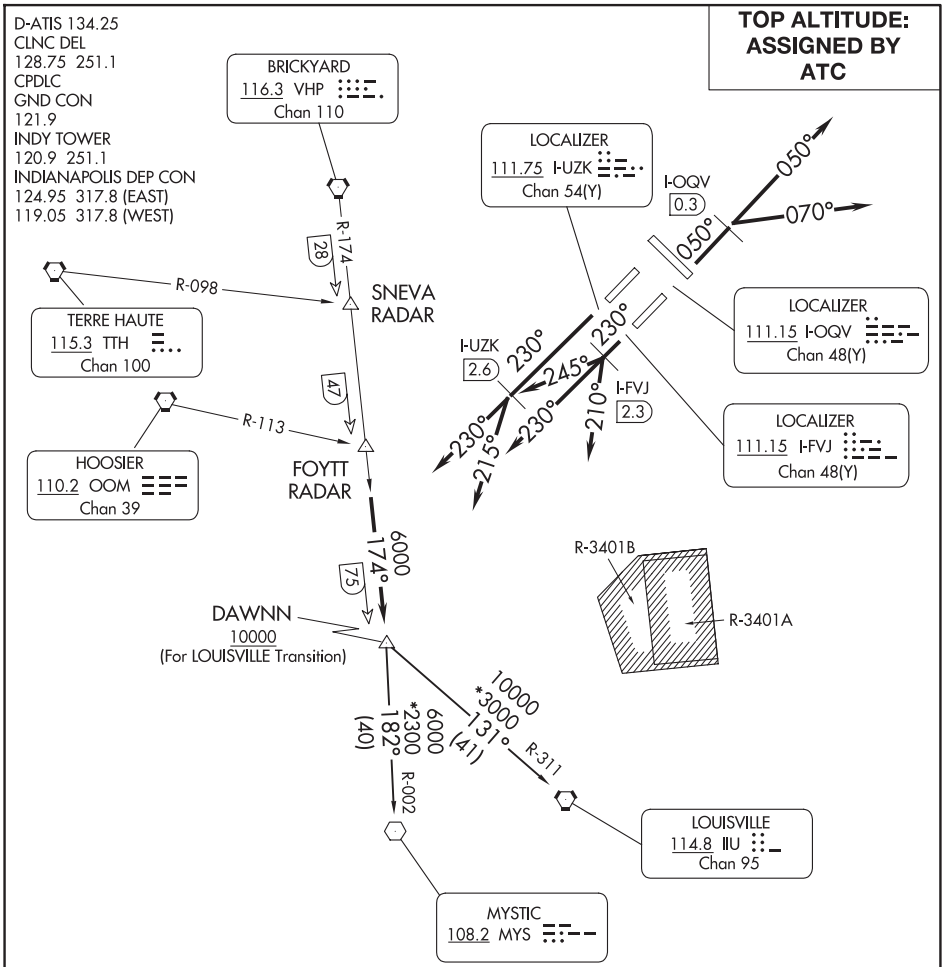

D-ATIS
134.25
INDY TOWER
120.9 251.1
GND CON
121.9
CLNC DEL
128.75 251.1
CPDLC
PDC
D
39°45'N
39°44'N
39°43'N
39°42'N
39°41'N
86°19'W
86°18'W
86°17'W
86°16'W
VAR 4.9° W
JANUARY 2025
ANNUAL RATE OF CHANGE
0.0° W
SAID in use. Operate transponders with altitude reporting mode and ADS-B (if equipped) enabled on all airport surfaces.
U.S. CUSTOMS
GENERAL AVIATION PARKING
ELEV 788
FBO
NORTHEAST RAMP
ELEV A 783
FIELD ELEV 796
139.4°
7278 X 150
FBO
GENERAL AVIATION PARKING
ELEV 788
319.5°
FIRE STATION
ELEV 783
32
229.5° DOWN 0.5%
11200 X 150
TERMINAL
FIRE STATION
REMOTE OVERNIGHT PARKING
GRE
049.4°
0.3% UP
TWR 1106
ELEV 738
5L
049.5°
10000 X 150
ELEV 789
5R
RWY 05L-23R
PCR 1360 R/D/W/U
S-145, D-300, 2D-550
RWY 05R-23L
PCR 1510 R/D/W/T
S-145, D-300, 2D-550
RWY 14-32
PCR 710 F/D/W/T
S-145, D-300, 2D-550
CAUTION: BE ALERT TO RUNWAY CROSSING CLEARANCES.
READBACK OF ALL RUNWAY HOLDING INSTRUCTIONS IS REQUIRED.

(DAWNN1.DAWNN) 24361

DAWNN ONE DEPARTURE

AL-203 (FAA)

INDIANAPOLIS INTL (IND)
INDIANAPOLIS, INDIANA



TAKEOFF MINIMUMS:
Rwys 5L/R, 14, 23L/R, 32: Standard.

NOTE: RADAR required.
NOTE: Select appropriate localizer/DME frequency/channel prior to departure.
NOTE: Turbojets accelerate to 250K until reaching 10000, if unable advise ATC.
NOTE: Assigned to aircraft with a requested altitude of 11000 or above.

(NARRATIVE ON FOLLOWING PAGE)

NOTE: Chart not to scale.

EC-2, 12 JUN 2025 to 07 AUG 2025

EC-2, 12 JUN 2025 to 07 AUG 2025

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RWY 23R (TURBOJETS ONLY-DME REQUIRED): Climb on heading 230° to I-UZK 2.6 DME, then on assigned heading 230° or 215° to assigned altitude. Thence....
TAKEOFF RWY 23L (TURBOJETS ONLY-DME REQUIRED): Climb on heading 230° to I-FVJ 2.3 DME, then on assigned heading 210°, 230°, or 245° to assigned altitude. Thence....
TAKEOFF RWY 5R (TURBOJETS ONLY-DME REQUIRED): Climb on heading 050° to I-OQV 0.3 DME, then on assigned heading 050° or 070° to assigned altitude. Thence....
TAKEOFF ALL OTHER RWYS (TURBOJETS ONLY): Climb on assigned heading to assigned altitude. Thence....
TAKEOFF ALL RWYS (PROPELLER ONLY): Climb on assigned heading to assigned altitude. Thence....
DEPARTING ALL OTHER AUTHORIZED RUNWAYS/AIRPORTS: Climb on assigned heading to assigned altitude. Thence....

....on RADAR vectors to join VHP R-174 to DAWNN INT then on transition or assigned route. Expect clearance to requested altitude ten minutes after departure.

LOUISVILLE TRANSITION (DAWNN1.IIU): From over DAWNN INT on IIU R-311 to IIU VORTAC.
MYSTIC TRANSITION (DAWNN1.MYS): From over DAWNN INT on MYS R-002 to MYS VOR.

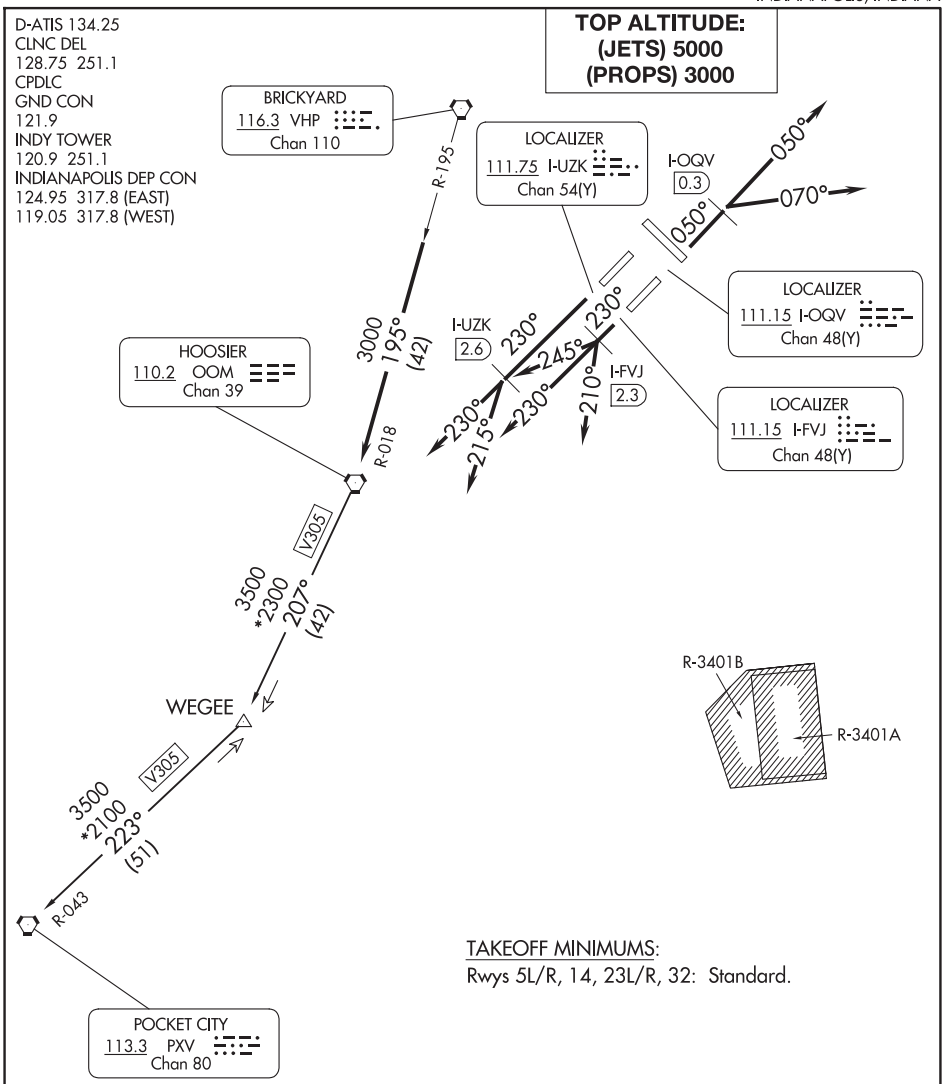
EC-2, 12 JUN 2025 to 07 AUG 2025

(OOM5.OOM) 24361

HOOSIER FIVE DEPARTURE

AL-203 (FAA)

INDIANAPOLIS INTL (IND)
INDIANAPOLIS, INDIANA



TAKEOFF MINIMUMS:
Rwys 5L/R, 14, 23L/R, 32: Standard.

(NARRATIVE ON FOLLOWING PAGE)

NOTE: RADAR required.
NOTE: Select appropriate localizer/DME frequency/channel prior to departure.
NOTE: Turbojets accelerate to 250K until reaching 10000, if unable advise ATC.
NOTE: Assigned to aircraft with a requested altitude of 11000 or above.

NOTE: Chart not to scale.

EC-2, 12 JUN 2025 to 07 AUG 2025

EC-2, 12 JUN 2025 to 07 AUG 2025

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RWY 5R (TURBOJETS ONLY-DME REQUIRED): Climb on heading 050° to I-OQV 0.3 DME, then on assigned heading 050° or 070°. Maintain 5000. Thence....

TAKEOFF RWY 23R (TURBOJETS ONLY-DME REQUIRED): Climb on heading 230° to I-UZK 2.6 DME, then on assigned heading 230° or 215°. Maintain 5000. Thence....

TAKEOFF RWY 23L (TURBOJETS ONLY-DME REQUIRED): Climb on heading 230° to I-FVJ 2.3 DME, then on assigned heading 210°, 230°, or 245°. Maintain 5000. Thence....

TAKEOFF ALL OTHER RWYS (TURBOJETS ONLY): Climb on assigned heading. Maintain 5000. Thence....

TAKEOFF ALL RWYS (PROPELLER ONLY): Climb on assigned heading. Maintain 3000. Thence....

DEPARTING ALL OTHER AUTHORIZED RUNWAYS: Climb on assigned heading to assigned altitude. Thence....

....expect RADAR vectors to join VHP R-195 to OOM VORTAC then via transition or assigned route. Expect clearance to requested altitude ten minutes after departure.

POCKET CITY TRANSITION (OOM5.PXV): From over OOM VORTAC via OOM R-207 to WEGEE, then via PXV R-043 to PXV VORTAC.

EC-2, 12 JUN 2025 to 07 AUG 2025

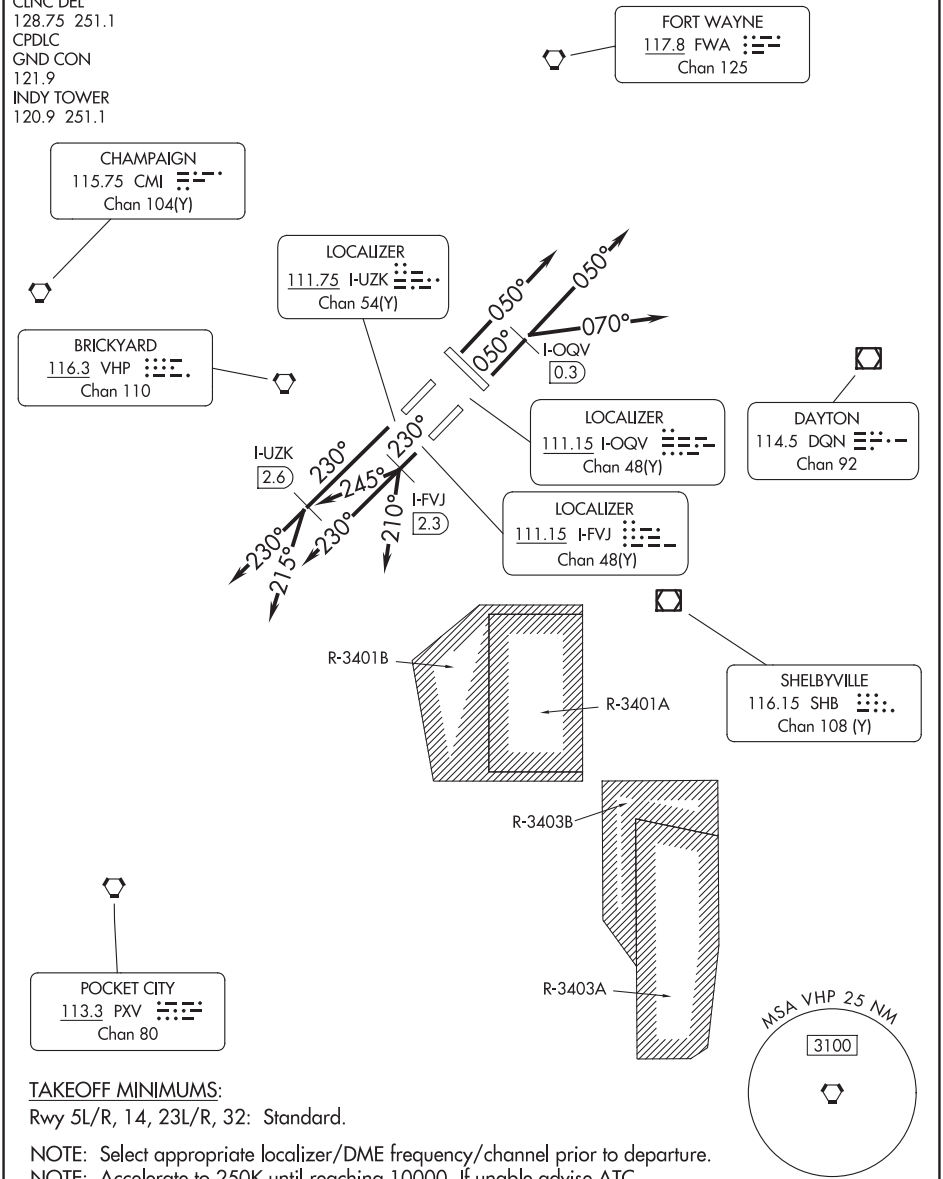
(INDY3.VHP) 25163
INDY THREE DEPARTURE
AL-203 (FAA)

INDIANAPOLIS INTL (IND)
INDIANAPOLIS, INDIANA

INDIANAPOLIS DEP CON
124.95 317.8 (EAST)
119.05 317.8 (WEST)
D-ATIS 134.25
CLNC DEL
128.75 251.1
CPDLC
GND CON
121.9
INDY TOWER
120.9 251.1

RADAR required. DME required.

TOP ALTITUDE: AS ASSIGNED BY ATC



TAKEOFF MINIMUMS:
Rwy 5L/R, 14, 23L/R, 32: Standard.

NOTE: Select appropriate localizer/DME frequency/channel prior to departure.
NOTE: Accelerate to 250K until reaching 10000. If unable advise ATC.
NOTE: Jet aircraft only.

(CONTINUED ON FOLLOWING PAGE)

NOTE: Chart not to scale.

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

EC-2, 12 JUN 2025 to 07 AUG 2025

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 5R: Climb on heading 050° to I-OQV 0.3 DME, then on assigned heading 050° or 070°. Thence . . . .
TAKEOFF RUNWAY 5L: Climb on heading 050°. Thence . . . .
TAKEOFF RUNWAY 23R: Climb on heading 230° to I-UZK 2.6 DME, then on assigned heading 230° or 215°. Thence....
TAKEOFF RUNWAY 23L: Climb on heading 230° to I-FVJ 2.3 DME, then on assigned heading 210°, 230°, or 245°. Thence....
TAKEOFF ALL OTHER RUNWAYS: Climb on assigned heading. Thence....

....RADAR vectors to assigned route/fix. Maintain ATC assigned altitude, expect clearance to filed altitude 10 minutes after departure.

(MAREO5.MAREO) 24361
MAREO FIVE DEPARTURE

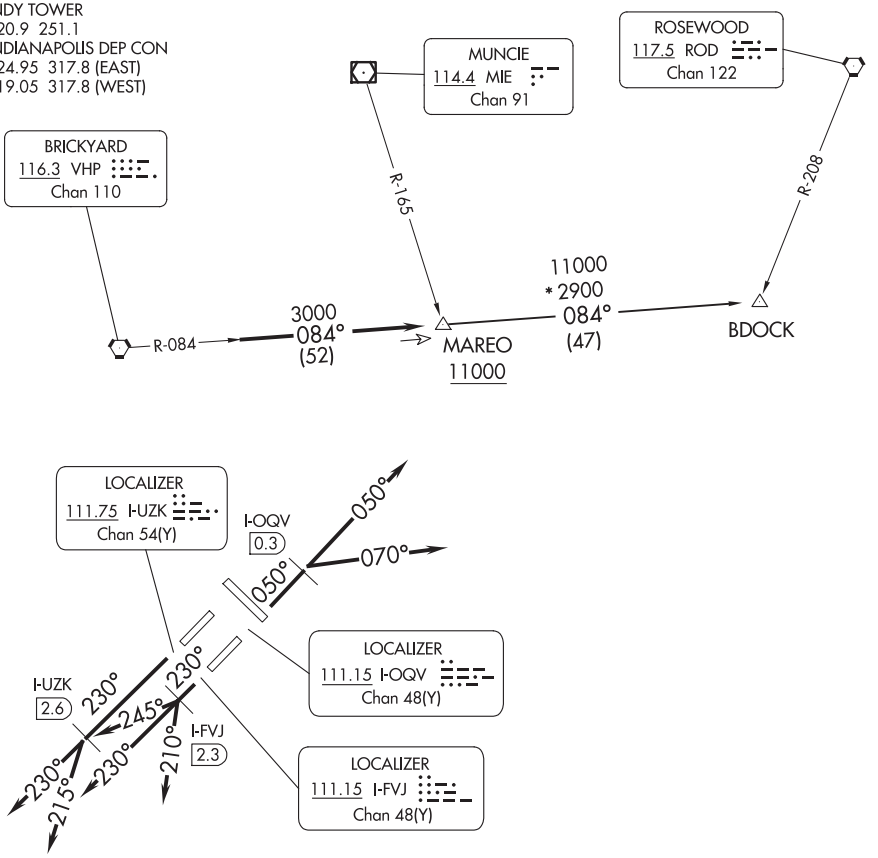
AL-203 (FAA)

INDIANAPOLIS INTL (IND)
INDIANAPOLIS, INDIANA

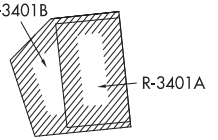
TOP ALTITUDE:
(JETS) 5000
(PROPS) 3000

D-ATIS
134.25
CLNC DEL
128.75 251.1
CPDLC
GND CON
121.9
INDY TOWER
120.9 251.1
INDIANAPOLIS DEP CON
124.95 317.8 (EAST)
119.05 317.8 (WEST)

TAKEOFF MINIMUMS
Rwys 5L/R, 14, 23L/R, 32: Standard.



NOTE: RADAR required.
NOTE: Select appropriate localizer/DME frequency/channel prior to departure.
NOTE: Turbojets accelerate to 250K until reaching 10000, if unable advise ATC.
NOTE: Assigned to aircraft with a requested altitude of 11000 or above.



(NARRATIVE ON FOLLOWING PAGE)

NOTE: Chart not to scale.

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

EC-2, 12 JUN 2025 to 07 AUG 2025

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RWY 5R (TURBOJETS ONLY-DME REQUIRED): Climb on heading 050° to I-OQV 0.3 DME, then on assigned heading 050° or 070°. Maintain 5000. Thence . . . .
TAKEOFF RWY 23R (TURBOJETS ONLY-DME REQUIRED): Climb on heading 230° to I-UZK 2.6 DME, then on assigned heading 230° or 215°. Maintain 5000. Thence . . . .
TAKEOFF RWY 23L (TURBOJETS ONLY-DME REQUIRED): Climb on heading 230° to I-FVJ 2.3 DME, then on assigned heading 210°, 230°, or 245°. Maintain 5000. Thence . . . .
TAKEOFF ALL OTHER RWYS (TURBOJETS ONLY): Climb on assigned heading. Maintain 5000. Thence . . . .
TAKEOFF ALL RWYS (PROPELLER ONLY): Climb on assigned heading. Maintain 3000. Thence . . . .
DEPARTING ALL OTHER AUTHORIZED RUNWAYS: Climb on assigned heading to assigned altitude. Thence . . . .

. . . . expect RADAR vectors to join VHP R-084 to MAREO INT then via transition or assigned route. Expect clearance to requested altitude ten minutes after departure.

BDOCK TRANSITION (MAREO5.BDOCK): From over MAREO INT via VHP R-084 to BDOCK INT.

(MEARZ7.MEARZ) 24361
MEARZ SEVEN DEPARTURE

AL-203 (FAA)

INDIANAPOLIS INTL (IND)
INDIANAPOLIS, INDIANA

TOP ALTITUDE:
(JETS) 5000
(PROPS) 3000

RADAR required.

D-ATIS 134.25
CLNC DEL
128.75 251.1
CPDLC
GND CON
121.9
INDY TOWER
120.9 251.1
INDIANAPOLIS DEP CON
124.95 317.8 (EAST)
119.05 317.8 (WEST)

BOILER
115.1 BVT
Chan 98

R-133

3000
*2400
313°
(36)

SACHS

3000
*2400
313°
(13)

MEARZ

013°
(11)

R-013

BRICKYARD
116.3 VHP
Chan 110

3000
*2300
047°
(12)

BRATN

3000
*2300
047°
(30)

R-227

MARION
108.6 MZZ
Chan 23

TAKEOFF MINIMUMS
Rwy 5L/R, 14, 23L/R, 32: Standard.

NOTE: Turbojets accelerate to 250K until reaching 10000, if unable advise ATC.
NOTE: Assigned to aircraft with a requested altitude of 11000 or above.
NOTE: Select appropriate localizer/DME frequency/channel prior to departure.

I-OQV
0.3

050°
070°
050°

LOCALIZER
111.75 I-UZK
Chan 54(Y)

LOCALIZER
111.15 I-OQV
Chan 48(Y)

I-UZK
2.6

230°
230°
245°
230°
230°
215°
210°

I-FVJ
2.3

LOCALIZER
111.15 I-FVJ
Chan 48(Y)

R-3401B
R-3401A

NOTE: Chart not to scale.

(NARRATIVE ON FOLLOWING PAGE)

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 5R (TURBOJETS ONLY-DME REQUIRED): Climb on heading 050° to I-OQV 0.3 DME, then on assigned heading 050° or 070°. Maintain 5000. Thence....

TAKEOFF RUNWAY 23R (TURBOJETS ONLY-DME REQUIRED): Climb on heading 230° to I-UZK 2.6 DME, then on assigned heading 230° or 215°. Maintain 5000. Thence....

TAKEOFF RUNWAY 23L (TURBOJETS ONLY-DME REQUIRED): Climb on heading 230° to I-FVJ 2.3 DME, then on assigned heading 210°, 230°, or 245°. Maintain 5000. Thence....

TAKEOFF ALL OTHER RUNWAYS (TURBOJETS ONLY): Climb on assigned heading. Maintain 5000. Thence....

TAKEOFF ALL RUNWAYS (PROPELLER ONLY): Climb on assigned heading. Maintain 3000. Thence....

DEPARTING ALL OTHER AUTHORIZED RUNWAYS: Climb on assigned heading to assigned altitude. Thence....

....expect RADAR vectors to join VHP R-013 to MEARZ then on transition or assigned route. Expect clearance to requested altitude ten minutes after departure.

BOILER TRANSITION (MEARZ7.BVT): From over MEARZ on BVT R-133 to BVT VORTAC.

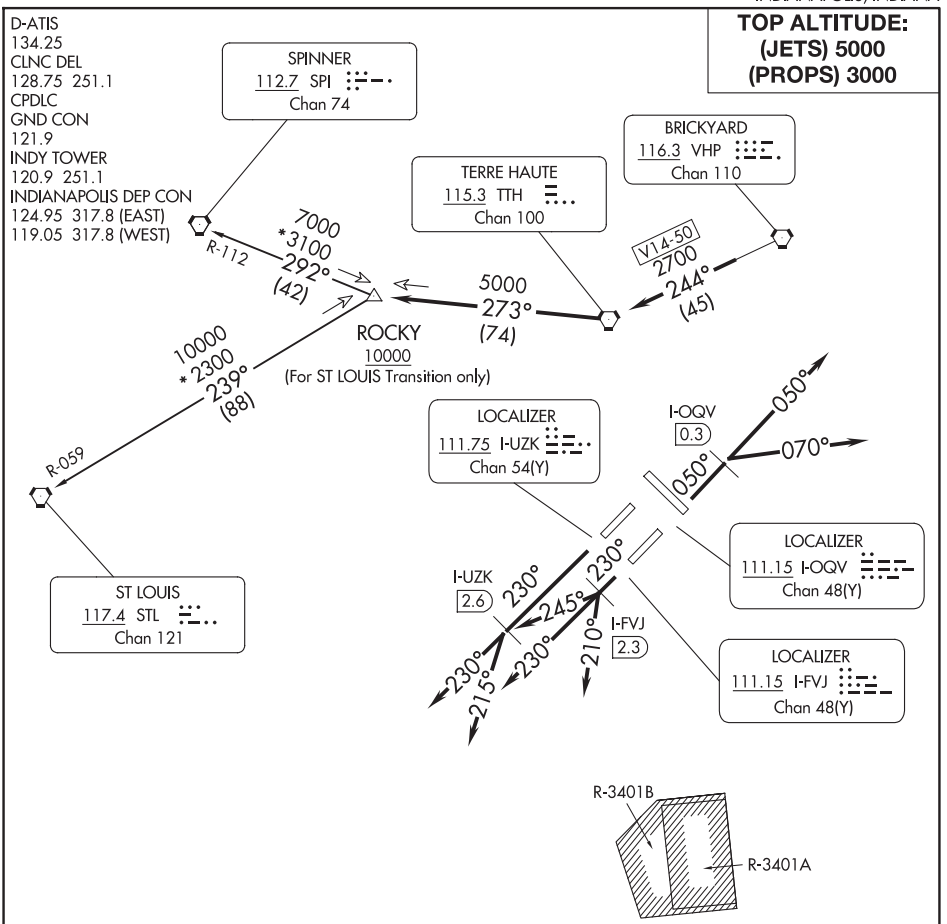
MARION TRANSITION (MEARZ7.MZZ): From over MEARZ on MZZ R-227 to MZZ VOR/DME.

EC-2, 12 JUN 2025 to 07 AUG 2025

(ROCKY1.ROCKY) 24361
ROCKY ONE DEPARTURE

AL-203 (FAA)

INDIANAPOLIS INTL (IND)
INDIANAPOLIS, INDIANA



TAKEOFF MINIMUMS
Rwys 5L/R, 14, 23L/R, 32: Standard.

NOTE: RADAR required.
NOTE: Select appropriate localizer/DME frequency/channel prior to departure.
NOTE: Turbojets accelerate to 250K until reaching 10000, if unable advise ATC.
NOTE: Assigned to aircraft with a requested altitude of 11000 or above.

(NARRATIVE ON FOLLOWING PAGE)

NOTE: Chart not to scale.

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

EC-2, 12 JUN 2025 to 07 AUG 2025

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RWY 5R (TURBOJETS ONLY-DME Required): Climb on heading 050° to I-OQV 0.3 DME, then on assigned heading 050° or 070°. Maintain 5000. Thence . . . .

TAKEOFF RWY 23R (TURBOJETS ONLY-DME Required): Climb on heading 230° to I-UZK 2.6 DME, then on assigned heading 230° or 215°. Maintain 5000. Thence . . . .

TAKEOFF RWY 23L (TURBOJETS ONLY-DME Required): Climb on heading 230° to I-FVJ 2.3 DME, then on assigned heading 210°, 230°, or 245°. Maintain 5000. Thence . . . .

TAKEOFF ALL OTHER RUNWAYS (TURBOJETS ONLY): Climb on assigned heading. Maintain 5000. Thence . . . .

TAKEOFF ALL RUNWAYS (PROPELLER ONLY): Climb on assigned heading. Maintain 3000. Thence . . . .

DEPARTING ALL OTHER AUTHORIZED RUNWAYS: Climb on assigned heading to assigned altitude. Thence . . . .

. . . . expect RADAR vectors to join VHP R-244 to TTH VORTAC, then via TTH R-273 to ROCKY INT then via transition or assigned route. Expect clearance to requested altitude ten minutes after departure.

SPINNER TRANSITION (ROCKY1.SPI): From over ROCKY INT on SPI R-112 to SPI VORTAC.
ST LOUIS TRANSITION (ROCKY1.STL): From over ROCKY INT on STL R-059 to STL VORTAC.

INDIANAPOLIS, INDIANA | AL-5902 (FAA) | 25163

RNAV (GPS) RWY 15

INDIANAPOLIS METRO (UMP)

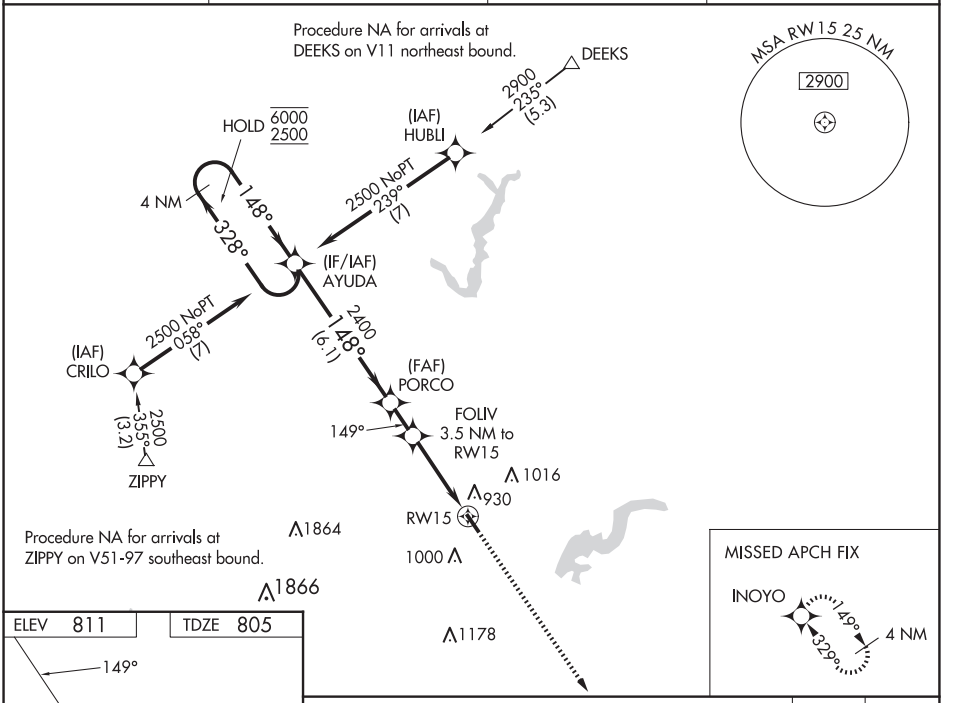
WAAS	APP CRS	Rwy Ldg	3848
CH 86447	149°	TDZE	805
W15A		Apt Elev	811

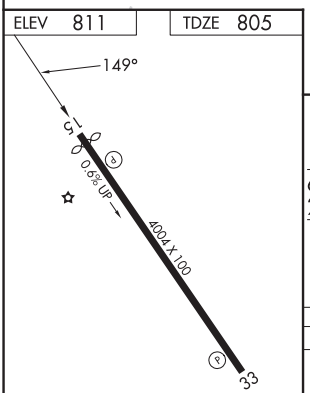
RNP APCH - GPS.

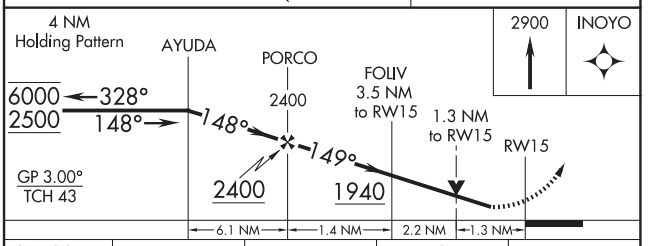
Baro-VNAV and VDP NA when using IND altimeter setting. Rwy 15 helicopter visibility reduction below ¾ SM NA. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -16°C or above 54°C. When local altimeter setting not received, use IND altimeter setting and increase LPV DA to 1098 feet. Increase LNAV/VNAV DA to 1173 feet; increase all MDAs 60 feet and LNAV visibility Cat C ⅛ SM.

MISSED APPROACH: Climb to 2900 direct INOYO and hold.

AWOS-3PT	INDIANAPOLIS APP CON	CLNC DEL	UNICOM
119.375	127.15 317.8	121.625	123.0 (CTAF) L







CATEGORY	A	B	C	D
LPV DA	1055-1 250 (300-1)			NA
LNAV/VNAV DA	1130-1 325 (400-1)			NA
LNAV MDA	1240-1 435 (500-1)		1240-1¼ 435 (500-1¼)	NA
C CIRCLING	1320-1 509 (600-1)	1340-1 529 (600-1)	1340-1½ 529 (600-1½)	NA

MIRL Rwy 15-33 L
REIL Rwy 15 and 33 L

INDIANAPOLIS, INDIANA
Amdt 3 15MAY25

39°56'N-86°03'W

INDIANAPOLIS METRO (UMP)
RNAV (GPS) RWY 15

EC-2, 12 JUN 2025 to 07 AUG 2025

RNAV (GPS) RWY 33

INDIANAPOLIS METRO (UMP)

WAAS	APP CRS	Rwy Ldg	4004
CH 40247	329°	TDZE	811
W33A		Apt Elev	811

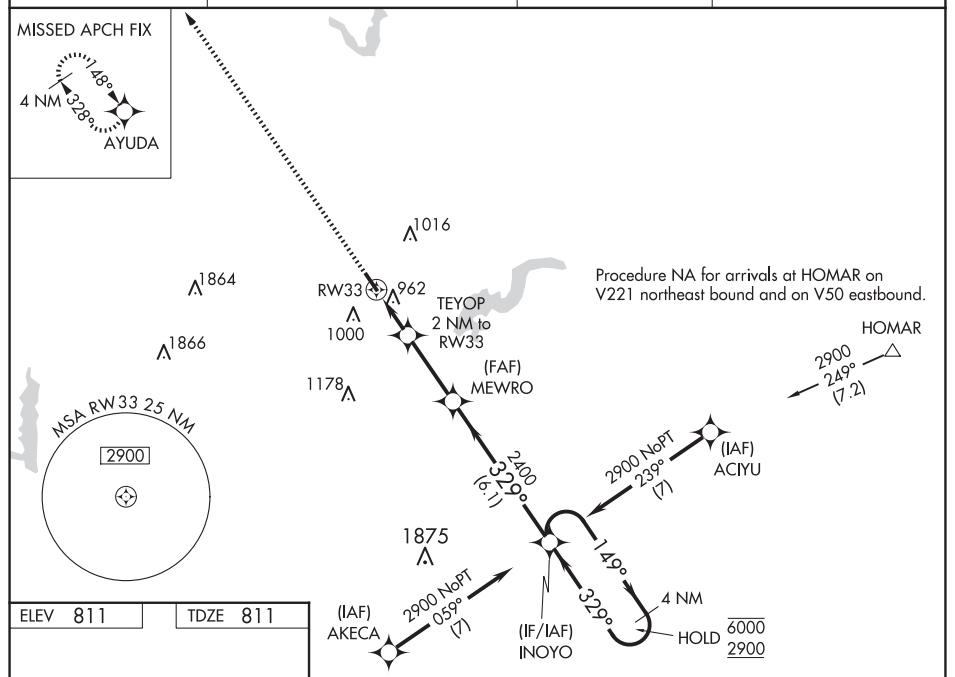
RNP APCH - GPS.

T A For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -16°C or above 54°C. Rwy 33 helicopter visibility reduction below ¾ SM NA. Baro-VNAV and VDP NA when using IND altimeter setting. When local altimeter setting not received, use IND altimeter setting and increase LPV DA to 1117 feet; increase LNAV/VNAV DA to 1260 feet and all visibilities ¼ SM. Increase all MDAs 60 feet and LNAV visibility Cat C ¼ SM.

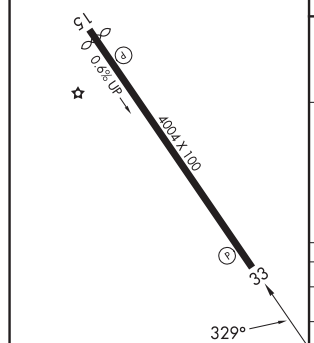
MISSED APPROACH: Climb to 2500 direct AYUDA and hold.

AWOS-3PT	INDIANAPOLIS APP CON	CLNC DEL	UNICOM
119.375	127.15 317.8	121.625	123.0 (CTAF) L

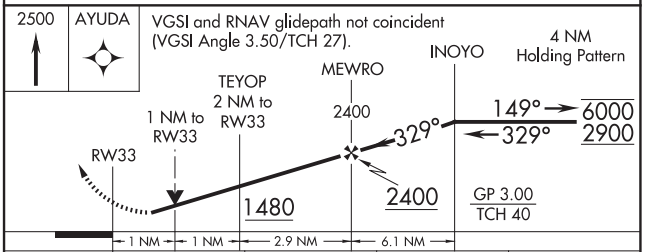
MISSED APCH FIX



ELEV 811 TDZE 811



MIRL Rwy 15-33 L
REIL Rwys 15 and 33 L



CATEGORY	A	B	C	D
LPV DA	1074-1 263 (300-1)			NA
LNAV/VNAV DA	1217-1⅛ 406 (500-1⅛)			NA
LNAV MDA	1220-1 409 (500-1)		1220-1⅛ 409 (500-1⅛)	NA
C CIRCLING	1320-1 509 (600-1)	1340-1 529 (600-1)	1340-1½ 529 (600-1½)	NA

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

INDIANAPOLIS, INDIANA | AL-5902 (FAA) | 25163

VOR/DME SHB	APP CRS	Rwy Ldg	4004
116.15	330°	TDZE	811
Chan 108 (Y)		Apt Elev	811

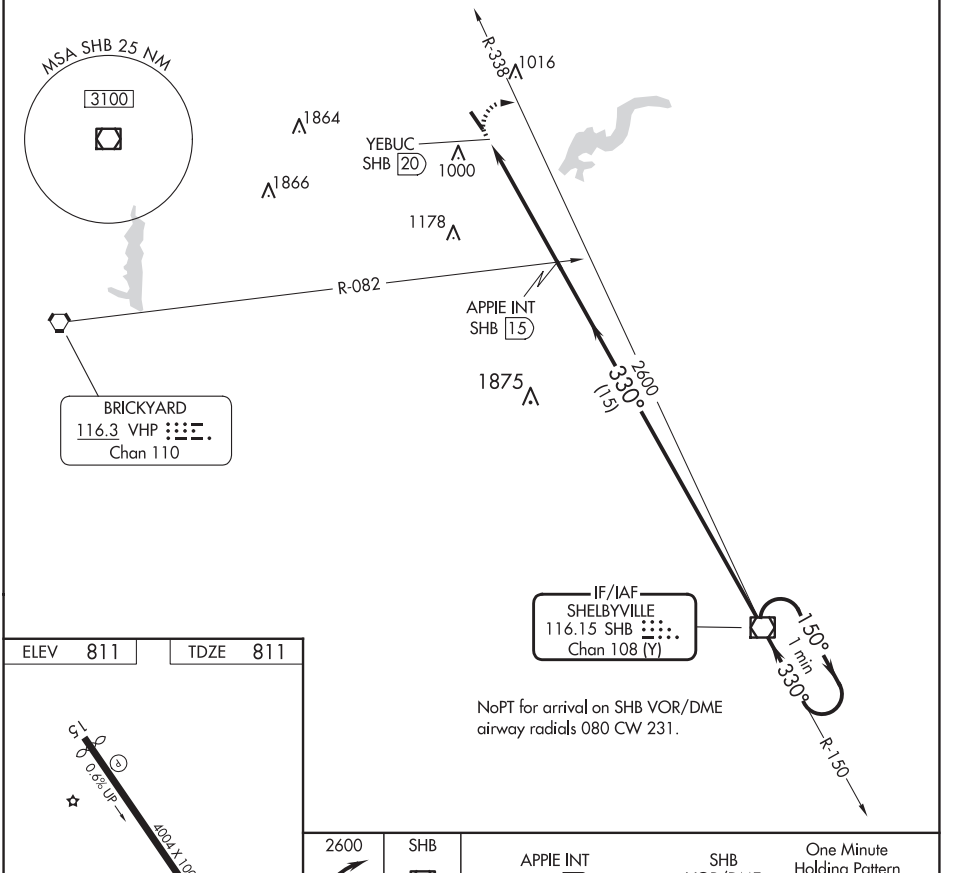
VOR RWY 33

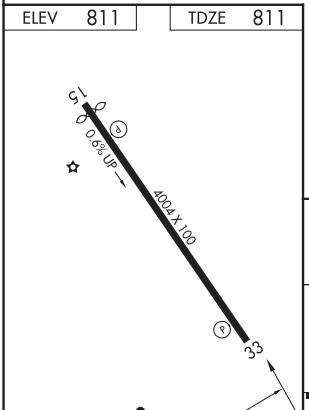
INDIANAPOLIS METRO (UMP)

TAKEOFF NA When local altimeter setting not received, use Indianapolis Intl altimeter setting and increase all MDA 60 feet, increase S-33 and Circling Cat C visibility to 1¾. Rwy 33 helicopter visibility reduction below ¾ SM NA.

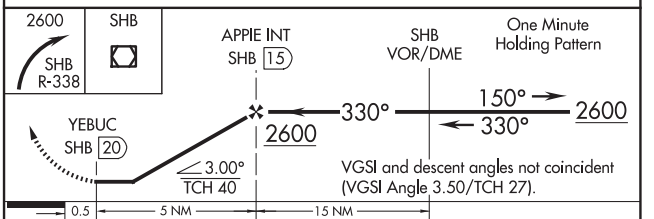
MISSED APPROACH: Climbing right turn to 2600 on SHB VOR/DME R-338 direct SHB VOR/DME and hold.

AWOS-3PT	INDIANAPOLIS APP CON	CLNC DEL	UNICOM
119.375	127.15 317.8	121.625	123.0 (CTAF) L



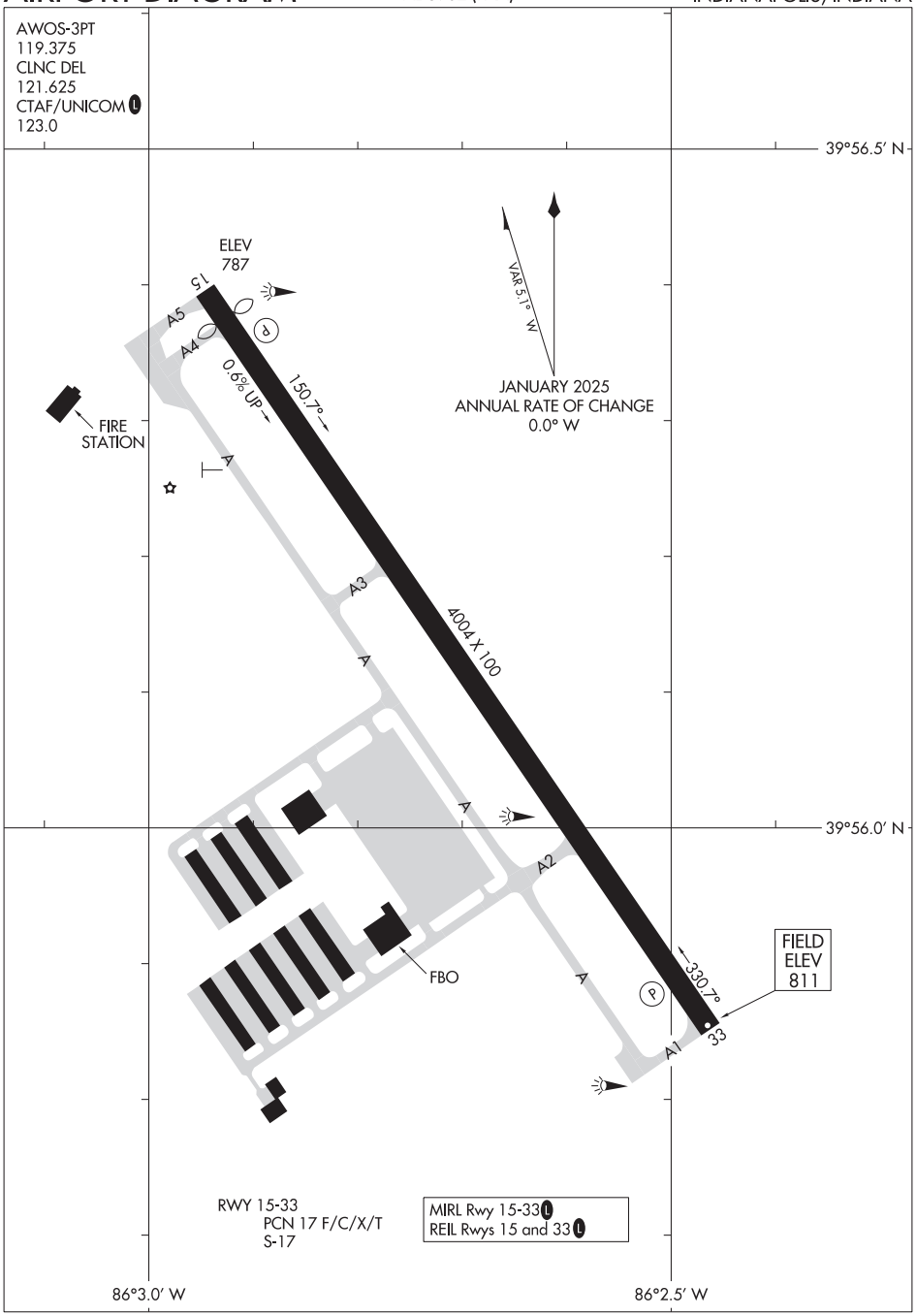


FAF to MAP 5 NM					
Knots	60	90	120	150	180
Min:Sec	5:00	3:20	2:30	2:00	1:40



CATEGORY	A	B	C	D
S-33	1340-1	529 (600-1)	1340-1½ 529 (600-1½)	NA
C CIRCLING	1340-1	529 (600-1)	1340-1½ 529 (600-1½)	NA

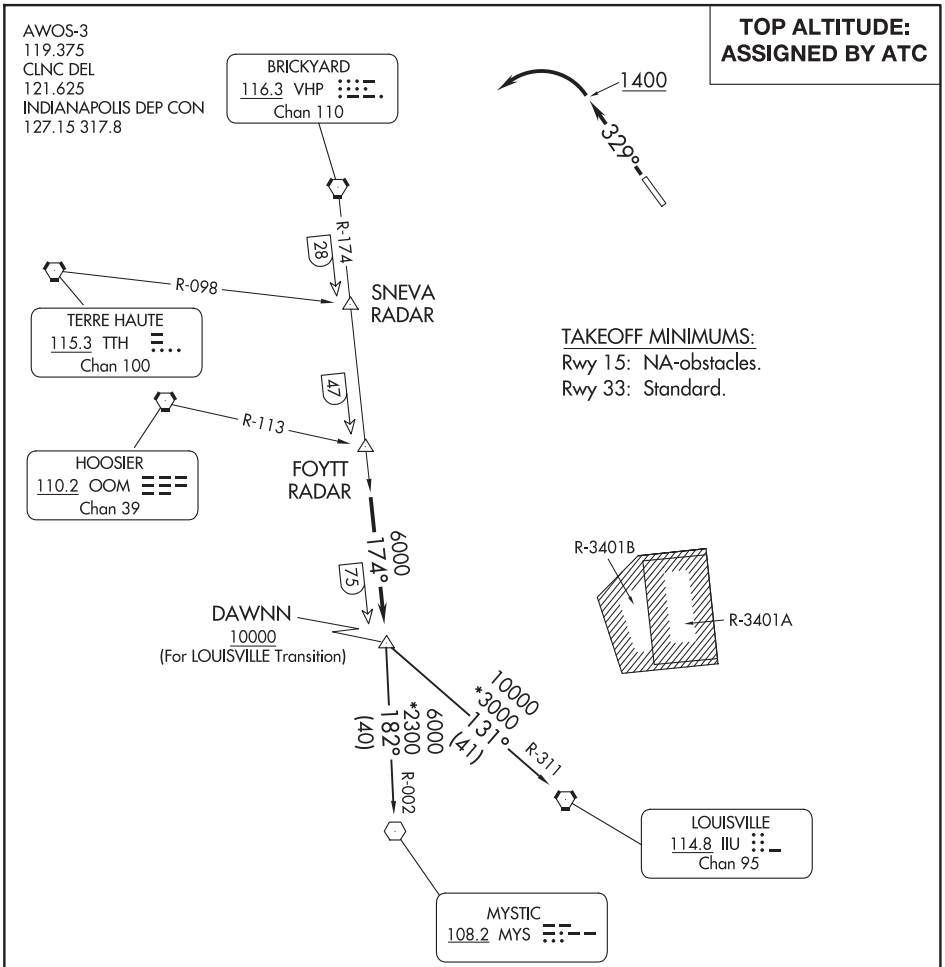
EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025



EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

(DAWNN1.DAWNN) 23334
DAWNN ONE DEPARTURE
AL-5902 (FAA)

INDIANAPOLIS METRO (UMP)
INDIANAPOLIS, INDIANA



NOTE: RADAR required.
NOTE: Select appropriate localizer/DME frequency/channel prior to departure.
NOTE: Turbojets accelerate to 250K until reaching 10000, if unable advise ATC.
NOTE: Assigned to aircraft with a requested altitude of 11000 or above.

(NARRATIVE ON FOLLOWING PAGE)

NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RWY 33: Climb heading 329° to 1400 before turning left. Then on assigned heading to assigned altitude. Thence....

DEPARTING ALL OTHER AUTHORIZED RUNWAYS/AIRPORTS: Climb on assigned heading to assigned altitude. Thence....

....on RADAR vectors to join VHP R-174 to DAWNN INT then on transition or assigned route. Expect clearance to requested altitude ten minutes after departure.

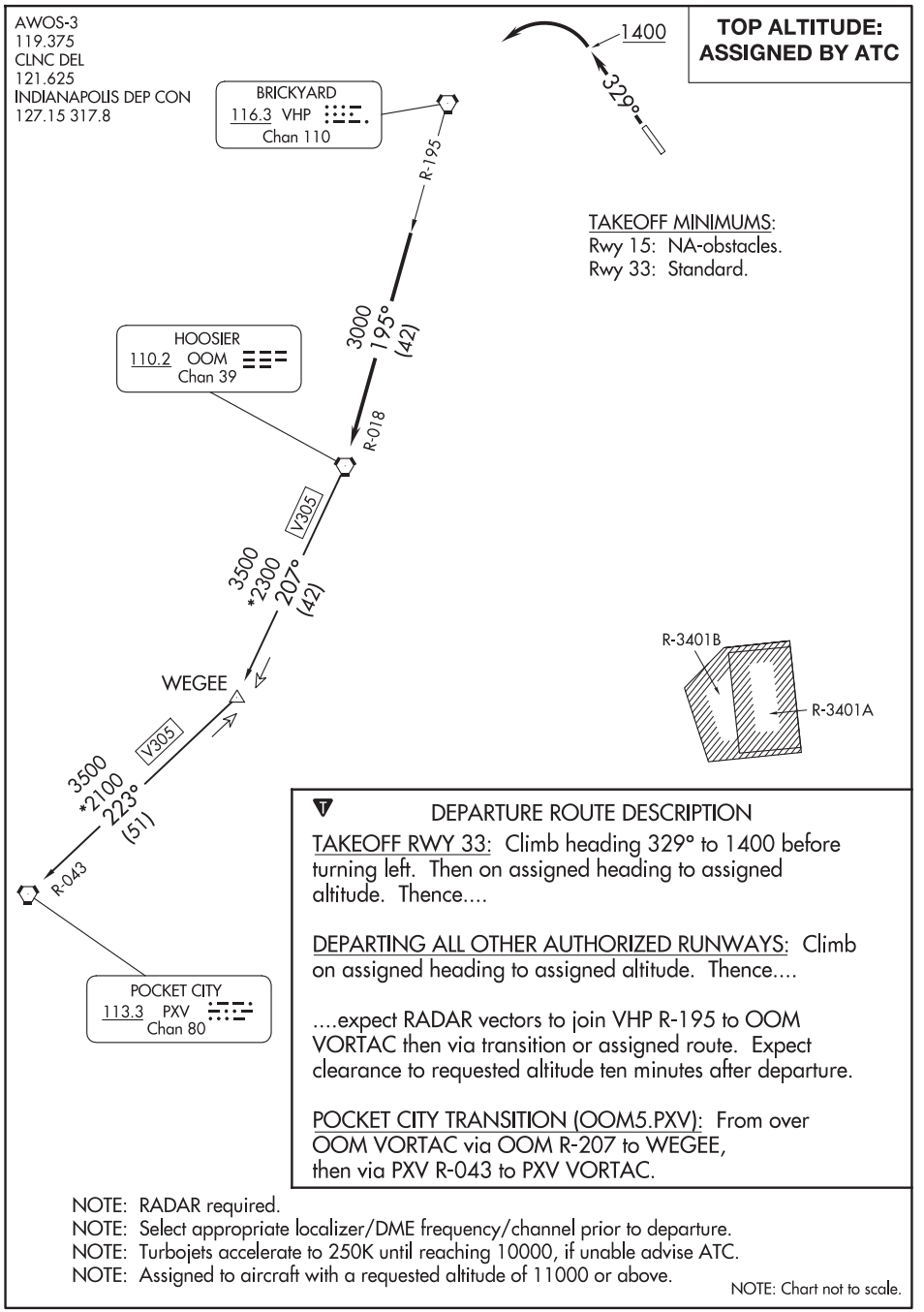
LOUISVILLE TRANSITION (DAWNN1.IIU): From over DAWNN INT on IIU R-311 to IIU VORTAC.
MYSTIC TRANSITION (DAWNN1.MYS): From over DAWNN INT on MYS R-002 to MYS VOR.

EC-2, 12 JUN 2025 to 07 AUG 2025

(OOM5.OOM) 23334
HOOSIER FIVE DEPARTURE

AL-5902 (FAA)

INDIANAPOLIS METRO (UMP)
INDIANAPOLIS, INDIANA



DEPARTURE ROUTE DESCRIPTION

TAKEOFF RWY 33: Climb heading 329° to 1400 before turning left. Then on assigned heading to assigned altitude. Thence....

DEPARTING ALL OTHER AUTHORIZED RUNWAYS: Climb on assigned heading to assigned altitude. Thence....

....expect RADAR vectors to join VHP R-195 to OOM VORTAC then via transition or assigned route. Expect clearance to requested altitude ten minutes after departure.

POCKET CITY TRANSITION (OOM5.PXV): From over OOM VORTAC via OOM R-207 to WEGEE, then via PXV R-043 to PXV VORTAC.

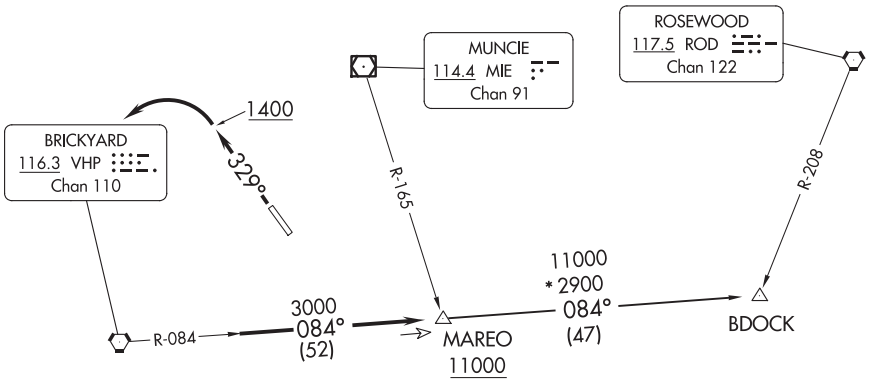
NOTE: RADAR required.
NOTE: Select appropriate localizer/DME frequency/channel prior to departure.
NOTE: Turbojets accelerate to 250K until reaching 10000, if unable advise ATC.
NOTE: Assigned to aircraft with a requested altitude of 11000 or above.

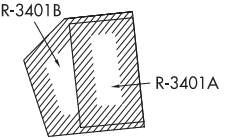
NOTE: Chart not to scale.

AWOS-3
119.375
CLNC DEL
121.625
INDIANAPOLIS DEP CON
127.15 317.8

TOP ALTITUDE: ASSIGNED BY ATC

TAKEOFF MINIMUMS
Rwy 15: NA-obstacles.
Rwy 33: Standard.





NOTE: RADAR required.
NOTE: Select appropriate localizer/DME frequency/channel prior to departure.
NOTE: Turbojets accelerate to 250K until reaching 10000, if unable advise ATC.
NOTE: Assigned to aircraft with a requested altitude of 11000 or above.
NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RWY 33: Climb heading 329° to 1400 before turning left. Then on assigned heading to assigned altitude. Thence....

DEPARTING ALL OTHER AUTHORIZED RUNWAYS: Climb on assigned heading to assigned altitude. Thence....

....expect RADAR vectors to join VHP R-084 to MAREO INT then via transition or assigned route. Expect clearance to requested altitude ten minutes after departure.

BDOCK TRANSITION (MAREO5.BDOCK): From over MAREO INT via VHP R-084 to BDOCK INT.

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

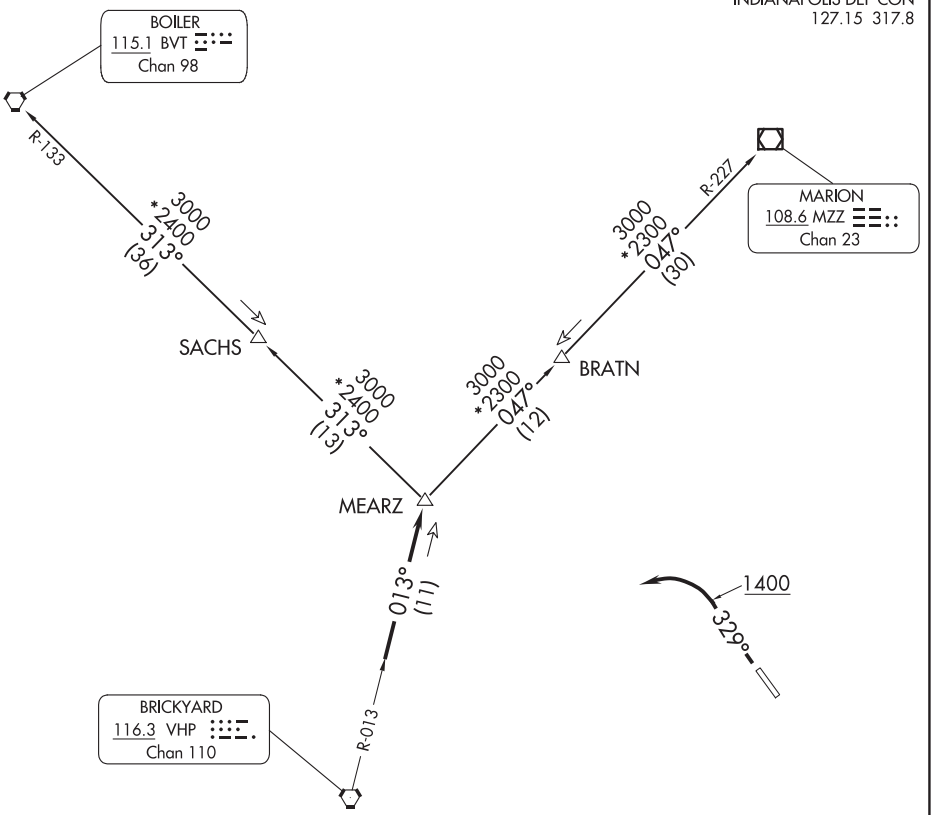
(MEARZ7.MEARZ) 23334
MEARZ SEVEN DEPARTURE AL-5902 (FAA)

INDIANAPOLIS METRO (UMP)
INDIANAPOLIS, INDIANA

TOP ALTITUDE: ASSIGNED BY ATC

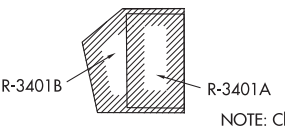
RADAR required.

AWOS-3
119.375
CLNC DEL
121.625
INDIANAPOLIS DEP CON
127.15 317.8



TAKEOFF MINIMUMS
Rwy 15: NA - obstacles.
Rwy 33: Standard.

NOTE: Turbojets accelerate to 250K until reaching 10000, if unable advise ATC.
NOTE: Assigned to aircraft with a requested altitude of 11000 or above.
NOTE: Select appropriate localizer/DME frequency/channel prior to departure.



NOTE: Chart not to scale.

(NARRATIVE ON FOLLOWING PAGE)

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

EC-2, 12 JUN 2025 to 07 AUG 2025

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 33: Climb on heading 329° to 1400 before turning left. Then on assigned heading to assigned altitude. Thence....
DEPARTING ALL OTHER AUTHORIZED RUNWAYS: Climb on assigned heading to assigned altitude. Thence....

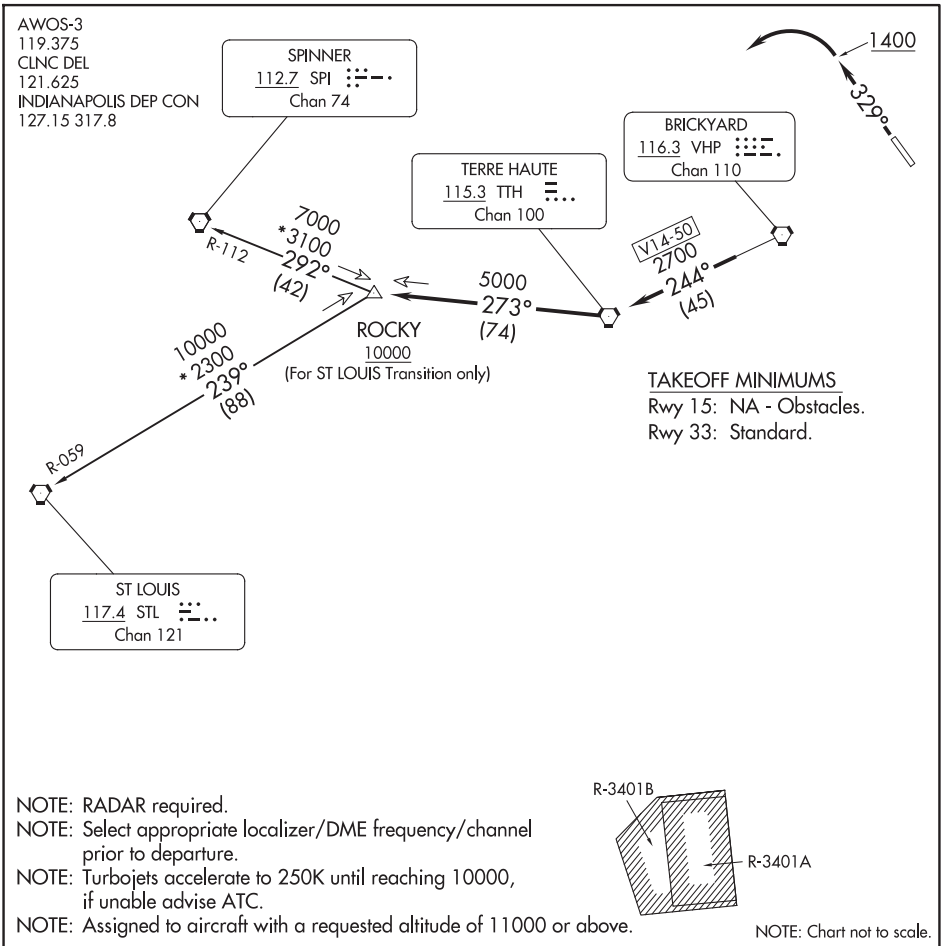
....expect RADAR vectors to join VHP R-013 to MEARZ then on transition or assigned route. Expect clearance to requested altitude ten minutes after departure.

BOILER TRANSITION (MEARZ7.BVT): From over MEARZ on BVT R-133 to BVT VORTAC.
MARION TRANSITION (MEARZ7.MZZ): From over MEARZ on MZZ R-227 to MZZ VOR/DME.

(ROCKY1.ROCKY) 23334
ROCKY ONE DEPARTURE

AL-5902 (FAA)

INDIANAPOLIS METRO (UMP)
INDIANAPOLIS, INDIANA



NOTE: RADAR required.
NOTE: Select appropriate localizer/DME frequency/channel prior to departure.
NOTE: Turbojets accelerate to 250K until reaching 10000, if unable advise ATC.
NOTE: Assigned to aircraft with a requested altitude of 11000 or above.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RWY 33: Climb heading 329° to 1400 before turning left. Then on assigned heading to assigned altitude. Thence . . . .

DEPARTING ALL OTHER AUTHORIZED RUNWAYS: Climb on assigned heading to assigned altitude. Thence . . . .

. . . . expect RADAR vectors to join VHP R-244 to TTH VORTAC, then via TTH R-273 to ROCKY INT then via transition or assigned route. Expect clearance to requested altitude ten minutes after departure.

SPINNER TRANSITION (ROCKY1.SPI): From over ROCKY INT on SPI R-112 to SPI VORTAC.
ST LOUIS TRANSITION (ROCKY1.STL): From over ROCKY INT on STL R-059 to STL VORTAC.

EC-2, 12 JUN 2025 to 07 AUG 2025

LOC I-MQJ	APP CRS	Rwy Idg	6005
108.7	252°	TDZE	860
		Apt Elev	862

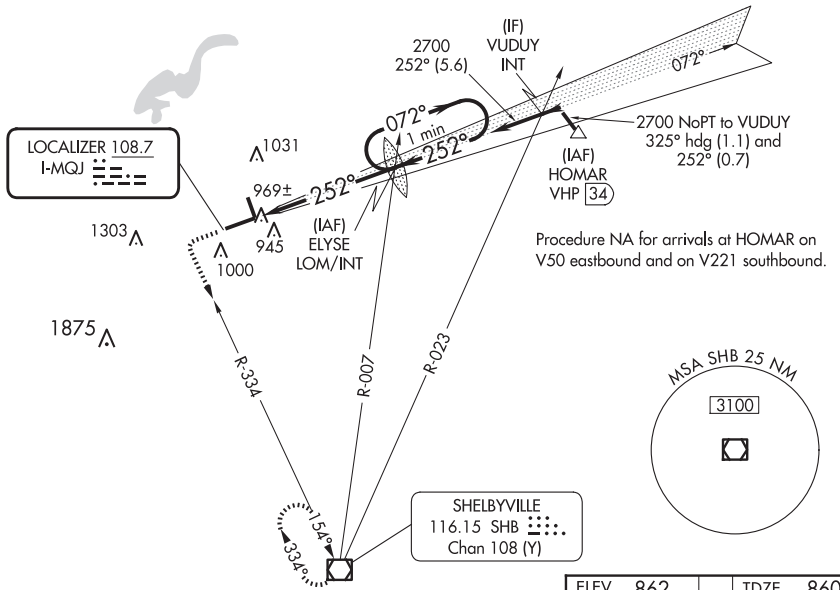
ILS or LOC RWY 25
INDIANAPOLIS RGNL (MQJ)

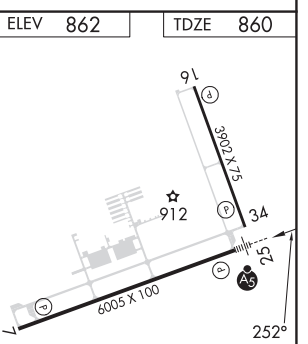
When local altimeter setting not received, use Indianapolis Intl altimeter setting and increase all DA 55 feet and all MDA 60 feet, increase S-LOC 25 Cats C/D visibility ⅛ mile and Circling Cat D visibility ¼ mile.

MALSR

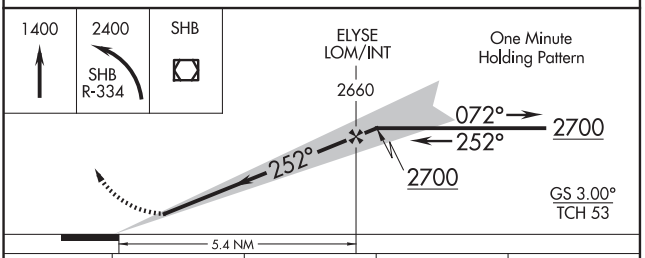
MISSED APPROACH: Climb to 1400 then climbing left turn to 2400 on SHB VOR/DME R-334 to SHB VOR/DME and hold.

AWOS-3PT	INDIANAPOLIS APP CON	CLNC DEL	UNICOM
124.175	127.15 317.8	119.25	122.975 (CTAF) L





REIL Rwys 7 and 34
HIRL Rwy 7-25 L
MIRL Rwy 16-34



CATEGORY	A	B	C	D
S-ILS 25	1060-½ 200 (200-½)			
S-LOC 25	1220-½ 360 (400-½)		1220-⅝ 360 (400-⅝)	
C CIRCLING	1340-1 478 (500-1)		1360-1½ 498 (500-1½)	1660-2½ 798 (800-2½)

FAF to MAP 5.4 NM

Knots	60	90	120	150	180
Min:Sec	5:24	3:36	2:42	2:10	1:48

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

INDIANAPOLIS, INDIANA AL-6452 (FAA) 24305

WAAS	APP CRS		
CH **69646**	**072°**	Rwy Idg	**6005**
W07A		TDZE	**862**
		Apt Elev	**862**

RNAV (GPS) RWY 7

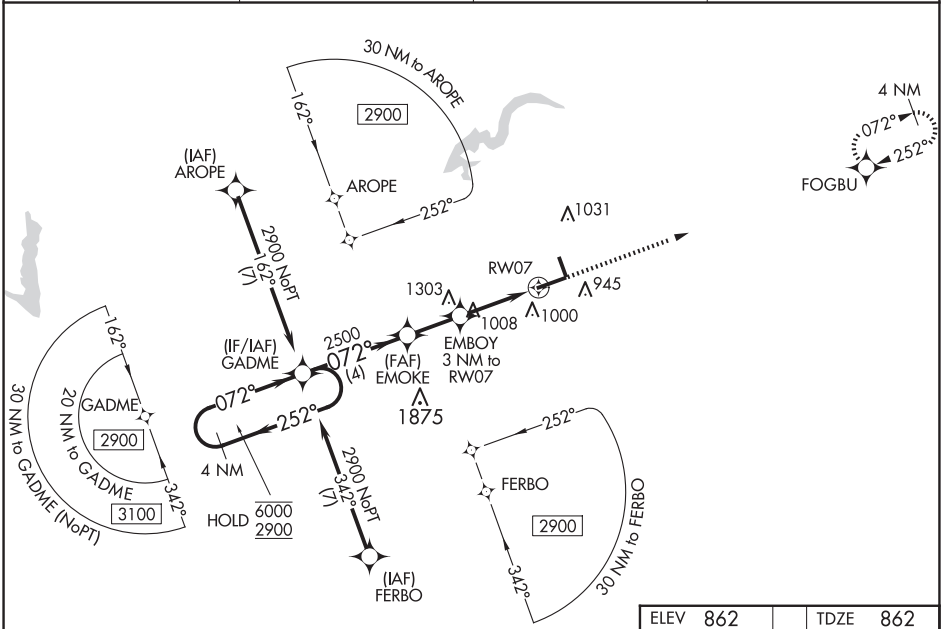
INDIANAPOLIS RGNL (MQJ)

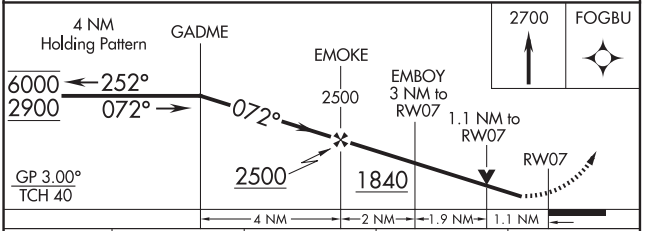
RNP APCH - GPS.

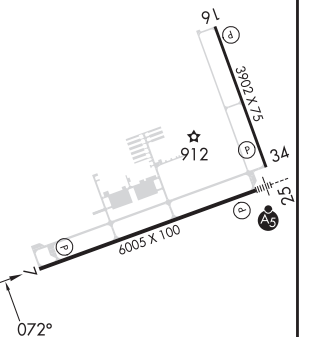
For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -16°C or above 54°C.
Rwy 7 helicopter visibility reduction below ¾ SM NA. Baro-VNAV and VDP NA when using IND altimeter setting. When local altimeter setting not received, use IND altimeter setting and increase LPV DA to 1271 feet and all visibilities ⅛ SM; increase LNAV/VNAV DA to 1194 feet and all visibilities ⅛ SM; increase all MDAs 60 feet and LNAV visibility Cat C and D ¼ SM.

MISSED APPROACH: Climb to 2700 direct FOGBU and hold.

AWOS-3PT	INDIANAPOLIS APP CON	CLNC DEL	UNICOM
124.175	**127.15 317.8**	**119.25**	**122.975** (CTAF) L







CATEGORY	A	B	C	D
LPV DA	1216-1	354 (400-1)		
LNAV/VNAV DA	1139-⅞	277 (300-⅞)		
LNAV MDA	1260-1	398 (400-1)	1260-1⅛	398 (400-1⅛)

REIL Rwys 7 and 34
MIRL Rwy 16-34
HIRL Rwy 7-25 L

INDIANAPOLIS, INDIANA
Orig 31OCT24

39°51'N-85°54'W

INDIANAPOLIS RGNL (MQJ)

RNAV (GPS) RWY 7

EC-2, 12 JUN 2025 to 07 AUG 2025

EC-2, 12 JUN 2025 to 07 AUG 2025

APP CRS	Rwy Idg	3902
162°	TDZE	858
	Apt Elev	862

RNAV (GPS) RWY 16

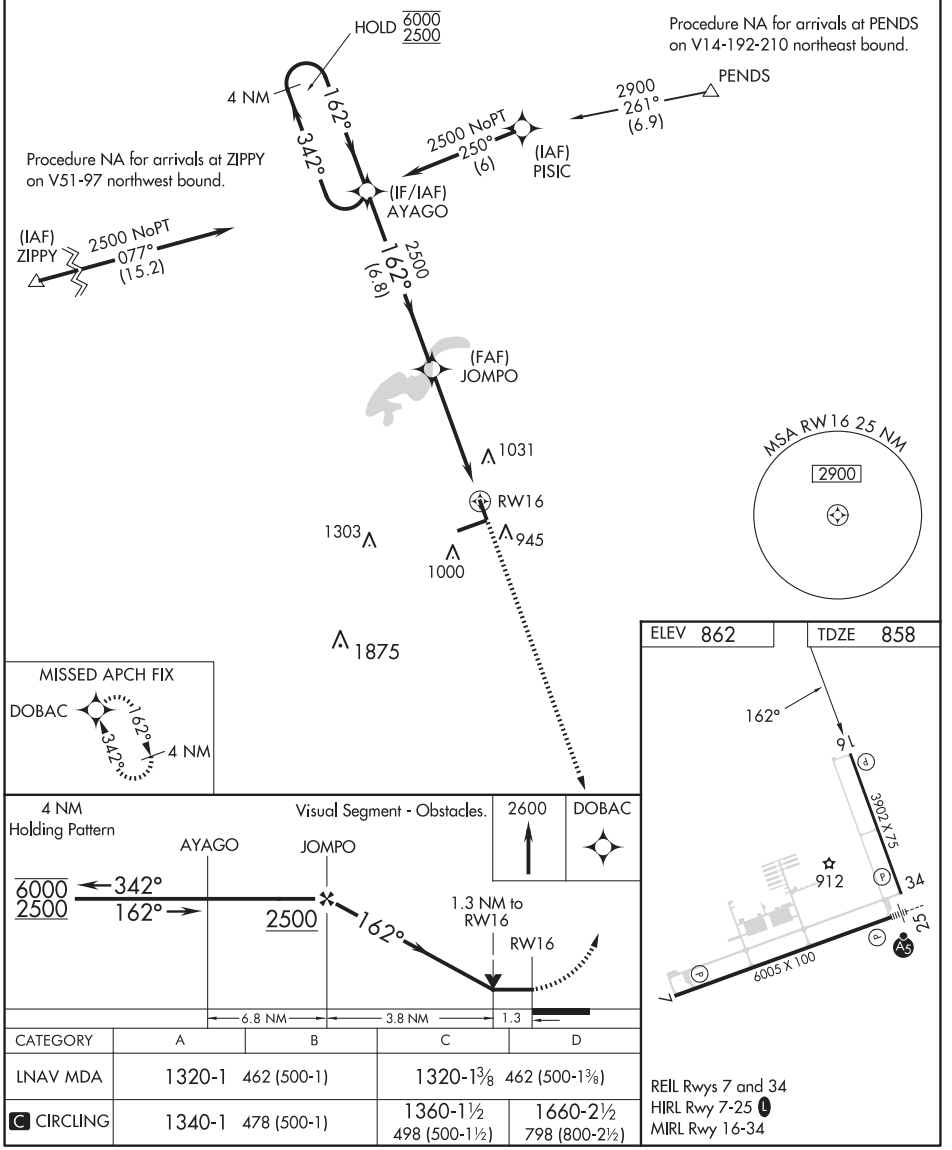
INDIANAPOLIS RGNL (MQJ)

RNP APCH - GPS.

Rwy 16 helicopter visibility reduction below ¾ SM NA. VDP NA when using Indianapolis altimeter setting. When local altimeter setting not received, use Indianapolis altimeter setting: increase all MDAs 60 feet and LNAV visibility Cats C and D ⅛ SM; increase Circling visibility Cat D ¼ SM.

MISSED APPROACH: Climb to 2600 direct DOBAC and hold.

AWOS-3PT	INDIANAPOLIS APP CON	CLNC DEL	UNICOM
124.175	127.15 317.8	119.25	122.975 (CTAF) L



CATEGORY	A	B	C	D
LNAV MDA	1320-1 462 (500-1)		1320-1⅜ 462 (500-1⅜)	
C CIRCLING	1340-1 478 (500-1)		1360-1½ 498 (500-1½)	1660-2½ 798 (800-2½)

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

RNAV (GPS) RWY 25

INDIANAPOLIS RGNL (MQJ)

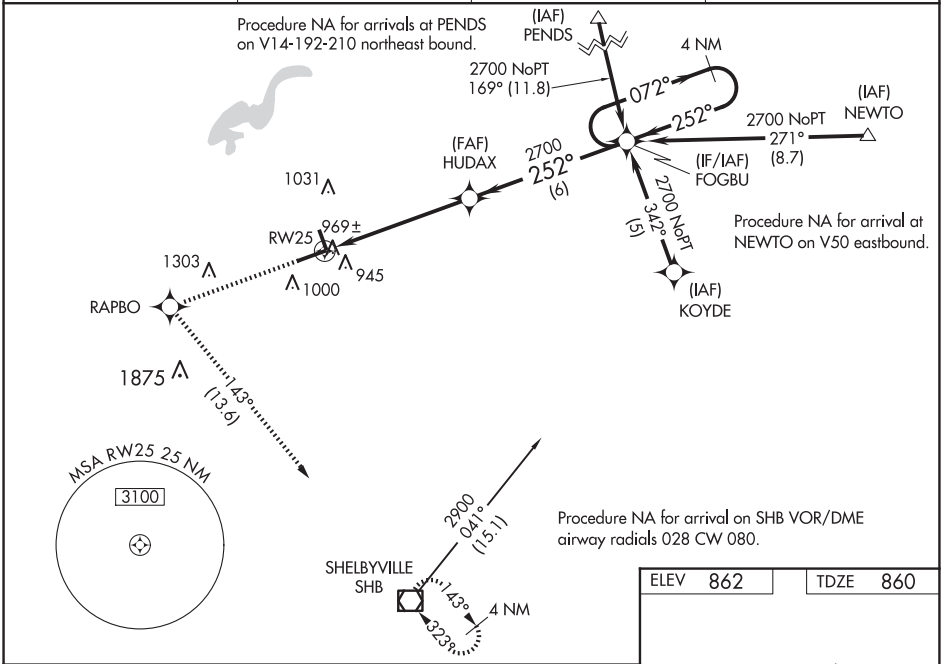
WAAS	APP CRS	Rwy Idg	6005
CH 56310	252°	TDZE	860
W25A		Apt Elev	862

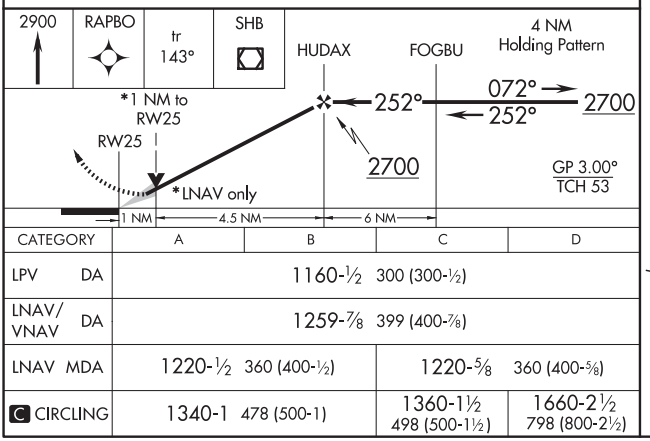
For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -16°C (4°F) or above 54°C (130°F). Baro-VNAV and VDP NA when using Indianapolis Intl altimeter setting. DME/DME RNP-0.3 NA. When local altimeter setting not received, use Indianapolis Intl altimeter setting and increase all DA 55 feet and all MDA 60 feet, and increase all visibilities ½ SM. When using Indianapolis altimeter setting inoperative table does not apply. For inoperative ALS, increase LPV all Cats visibility to 1 SM.

MALSR

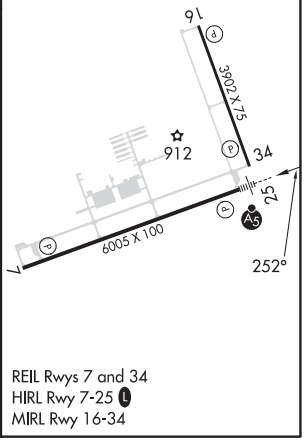
MISSED APPROACH: Climb to 2900 direct RAPBO and on track 143° to SHB VOR/DME and hold.

AWOS-3PT	INDIANAPOLIS APP CON	CLNC DEL	UNICOM
124.175	127.15 317.8	119.25	122.975 (CTAF)





CATEGORY	A	B	C	D
LPV DA	1160-½ 300 (300-½)			
LNAV/VNAV DA	1259-⅞ 399 (400-⅞)			
LNAV MDA	1220-½ 360 (400-½)		1220-⅝ 360 (400-⅝)	
C CIRCLING	1340-1 478 (500-1)		1360-1½ 498 (500-1½)	1660-2½ 798 (800-2½)



REIL Rwys 7 and 34
HIRL Rwy 7-25 (L)
MIRL Rwy 16-34

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

WAAS	APP CRS	Rwy Idg	3902
CH 45634	342°	TDZE	858
W34A		Apt Elev	862

RNAV (GPS) RWY 34
INDIANAPOLIS RGNL (MQJ)

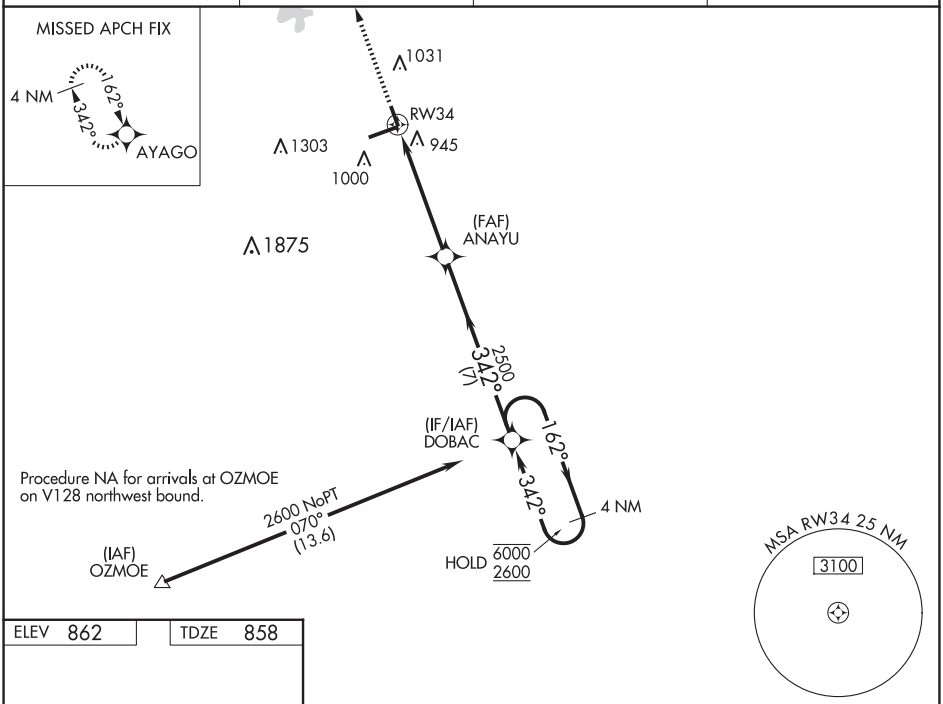
RNP APCH.

NA

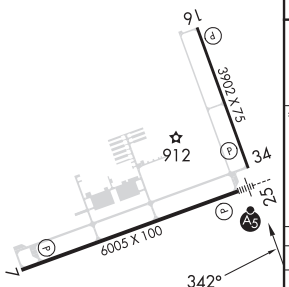
For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -16°C (4°F) or above 54°C (130°F).

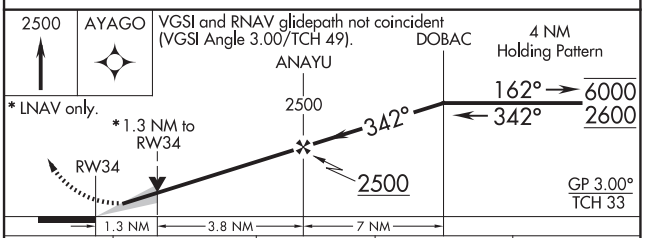
MISSED APPROACH: Climb to 2500 direct AYAGO and hold.

AWOS-3PT	INDIANAPOLIS APP CON	CLNC DEL	UNICOM
124.175	127.15 317.8	119.25	122.975 (CTAF) L



ELEV 862 TDZE 858





CATEGORY	A	B	C	D
LPV DA	1058-¾ 200 (200-¾)			
LNAV/VNAV DA	1119-⅞ 261 (300-⅞)			
LNAV MDA	1320-1 462 (500-1)		1320-1⅜ 462 (500-1⅜)	
C CIRCLING	1340-1 478 (500-1)		1360-1½ 498 (500-1½)	1660-2½ 798 (800-2½)

REIL Rwys 7 and 34
HIRL Rwy 7-25 L
MIRL Rwy 16-34

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

INDIANAPOLIS, INDIANA AL-6452 (FAA) 24081

VOR RWY 34

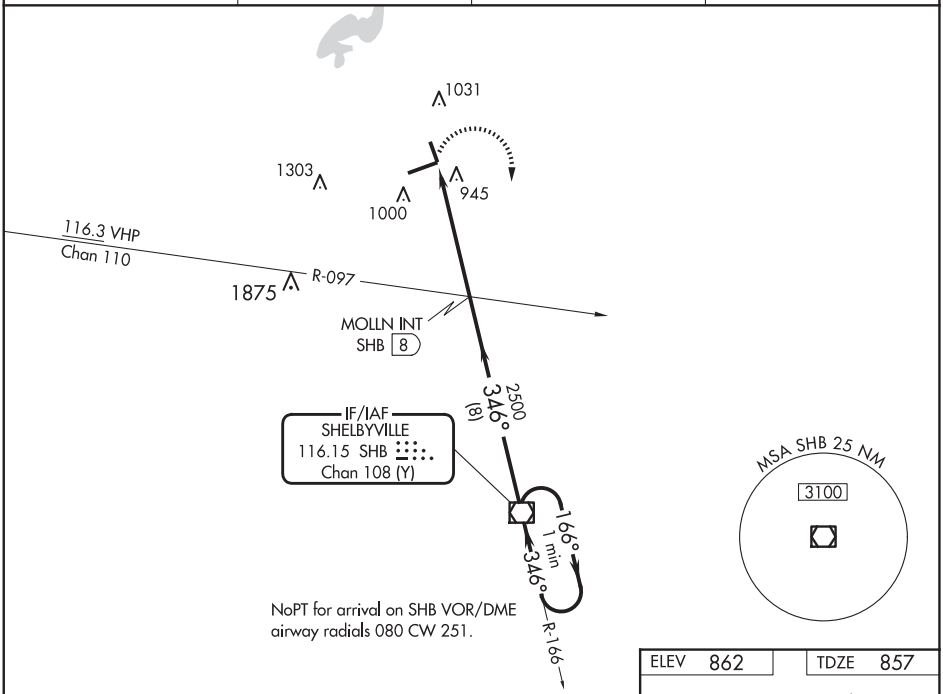
INDIANAPOLIS RGNL (MQJ)

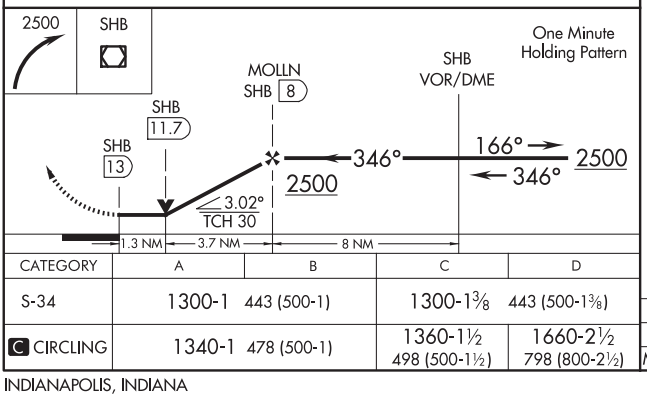
VOR/DME SHB	APP CRS	Rwy Idg	3902
116.15	346°	TDZE	857
Chan 57		Apt Elev	862

When local altimeter setting not received, use Indianapolis Intl altimeter setting and increase all MDA 60 feet and Circling Cat D visibility ¼ SM. VDP NA when using Indianapolis Intl altimeter setting. Rwy 34 helicopter visibility reduction below ¾ SM NA.

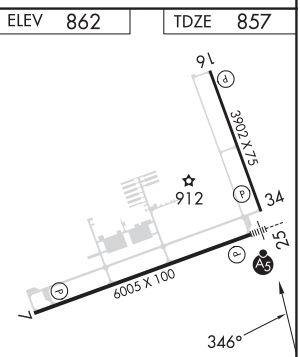
MISSED APPROACH: Climbing right turn to 2500 direct SHB VOR/DME and hold.

AWOS-3PT	INDIANAPOLIS APP CON	CLNC DEL	UNICOM
124.175	127.15 317.8	119.25	122.975 (CTAF) L





CATEGORY	A	B	C	D
S-34	1300-1 443 (500-1)		1300-1⅜ 443 (500-1⅜)	
C CIRCLING	1340-1 478 (500-1)		1360-1½ 498 (500-1½)	1660-2½ 798 (800-2½)



REIL Rwys 7 and 34
HIRL Rwy 7-25 L
MIRL Rwy 16-34

FAF to MAP 5 NM

Knots	60	90	120	150	180
Min:Sec	5:00	3:20	2:30	2:00	1:40

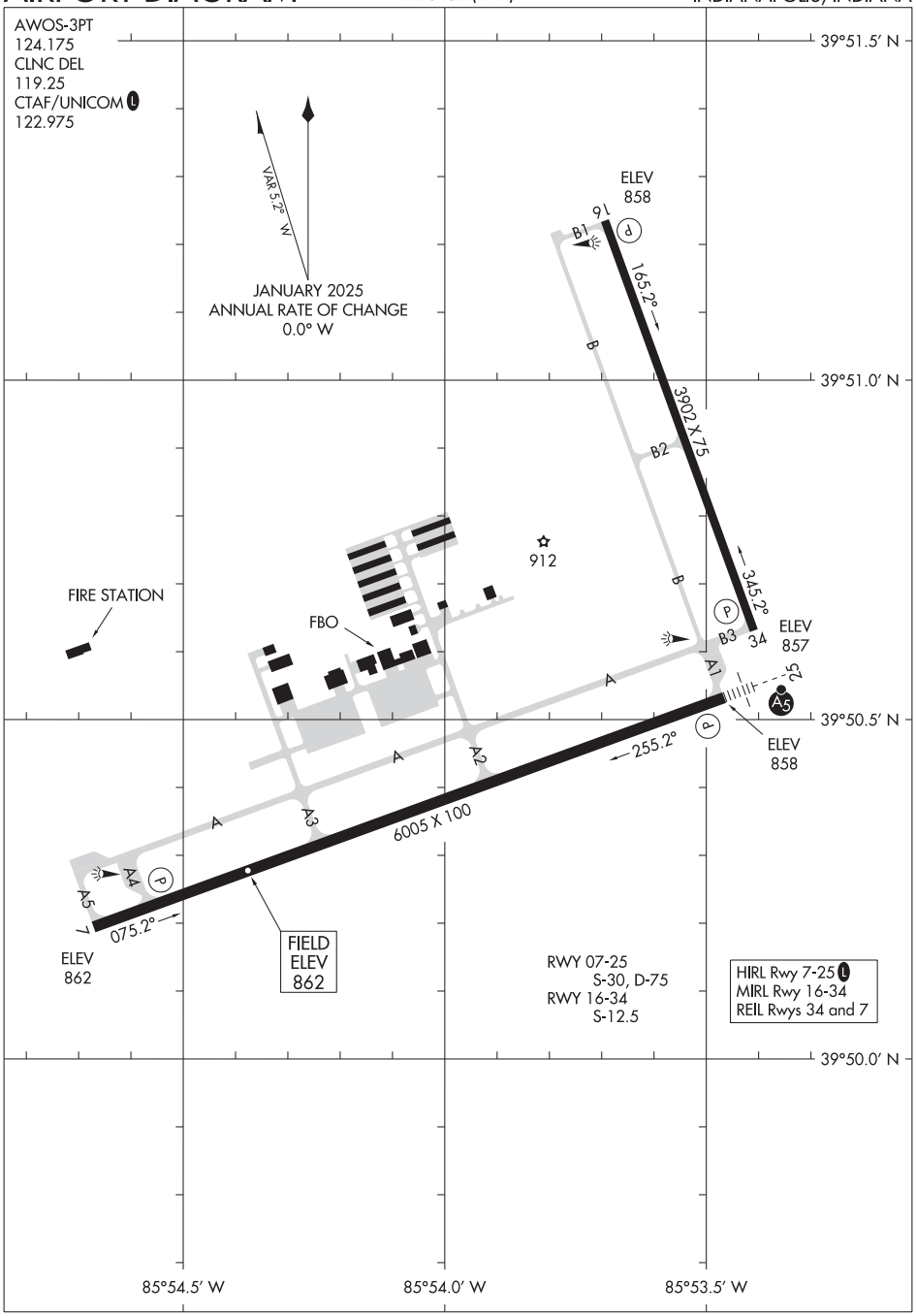
INDIANAPOLIS, INDIANA
Amdt 2E 14JUL22

39°51′N-85°54′W

INDIANAPOLIS RGNL (MQJ)

VOR RWY 34

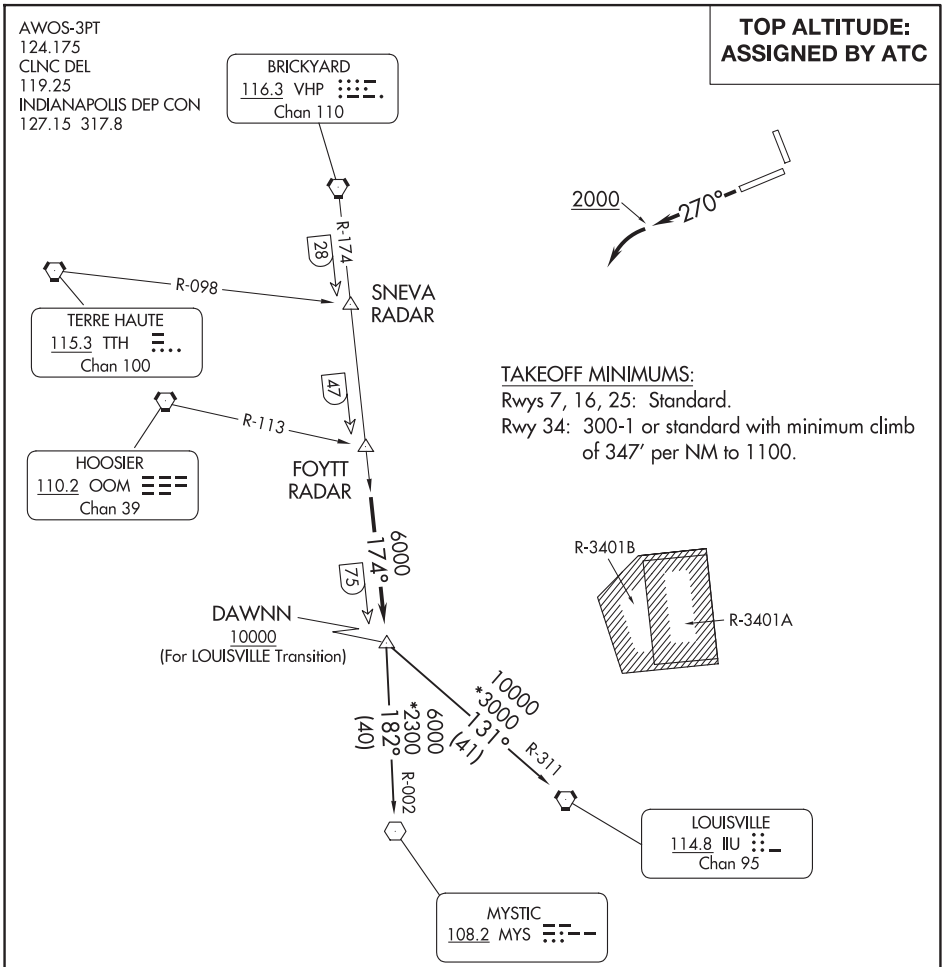
EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025



EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

(DAWNN1.DAWNN) 23334
DAWNN ONE DEPARTURE
AL-6452 (FAA)

INDIANAPOLIS RGNL (MQJ)
INDIANAPOLIS, INDIANA



NOTE: RADAR required.
NOTE: Select appropriate localizer/DME frequency/channel prior to departure.
NOTE: Turbojets accelerate to 250K until reaching 10000, if unable advise ATC.
NOTE: Assigned to aircraft with a requested altitude of 11000 or above.

(NARRATIVE ON FOLLOWING PAGE)

NOTE: Chart not to scale.

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RWY 25: Climb heading 270° to 2000 before turning left. Then on assigned heading to assigned altitude. Thence....

DEPARTING ALL OTHER AUTHORIZED RUNWAYS/AIRPORTS: Climb on assigned heading to assigned altitude. Thence....

....on RADAR vectors to join VHP R-174 to DAWNN INT then on transition or assigned route. Expect clearance to requested altitude ten minutes after departure.

LOUISVILLE TRANSITION (DAWNN1.IIU): From over DAWNN INT on IIU R-311 to IIU VORTAC.

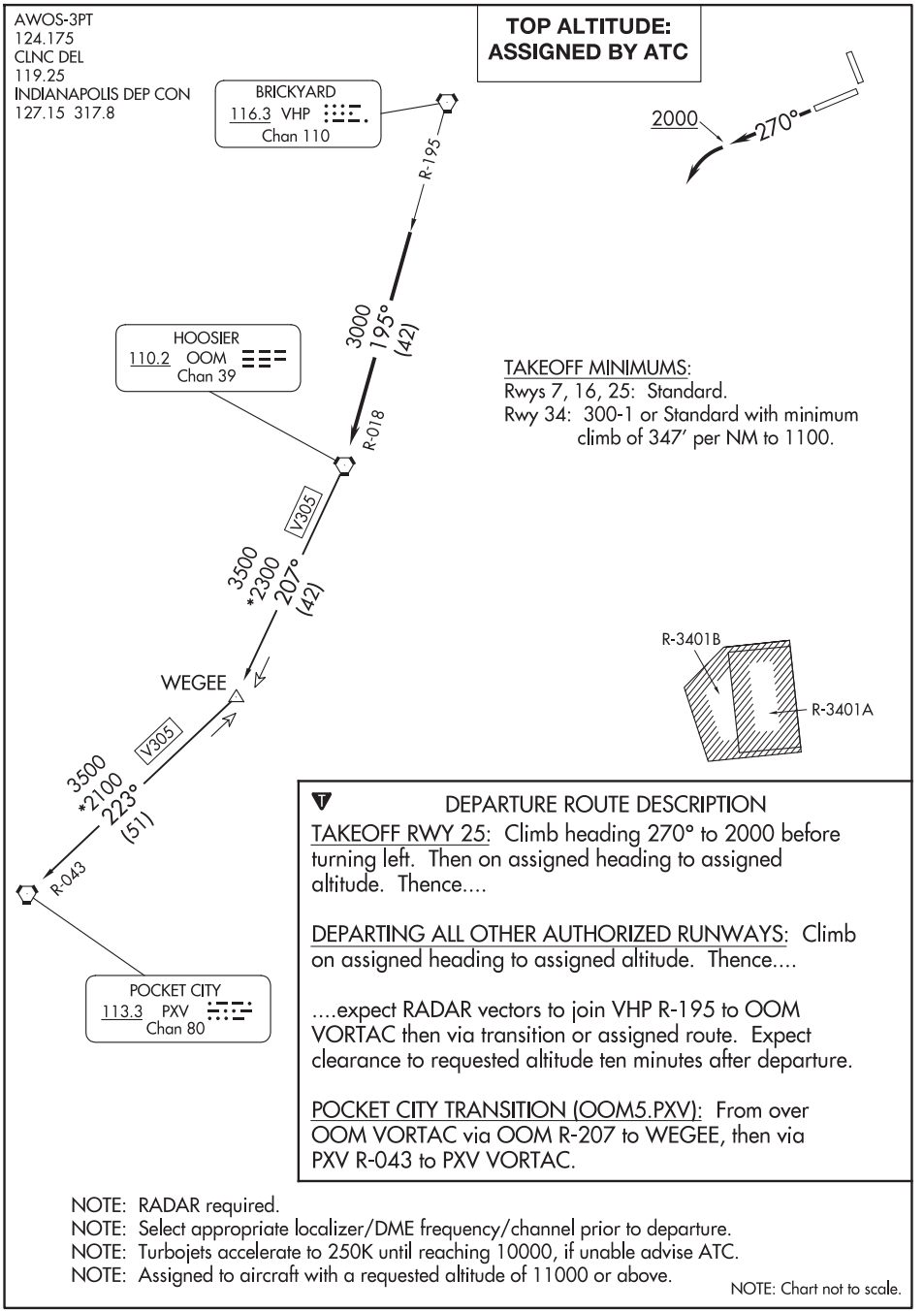
MYSTIC TRANSITION (DAWNN1.MYS): From over DAWNN INT on MYS R-002 to MYS VOR.

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

(OOM5.OOM) 23334
HOOSIER FIVE DEPARTURE

AL-6452 (FAA)

INDIANAPOLIS RGNL (MQJ)
INDIANAPOLIS, INDIANA



TAKEOFF MINIMUMS:
Rwys 7, 16, 25: Standard.
Rwy 34: 300-1 or Standard with minimum climb of 347′ per NM to 1100.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RWY 25: Climb heading 270° to 2000 before turning left. Then on assigned heading to assigned altitude. Thence....

DEPARTING ALL OTHER AUTHORIZED RUNWAYS: Climb on assigned heading to assigned altitude. Thence....

....expect RADAR vectors to join VHP R-195 to OOM VORTAC then via transition or assigned route. Expect clearance to requested altitude ten minutes after departure.

POCKET CITY TRANSITION (OOM5.PXV): From over OOM VORTAC via OOM R-207 to WEGEE, then via PXV R-043 to PXV VORTAC.

NOTE: RADAR required.
NOTE: Select appropriate localizer/DME frequency/channel prior to departure.
NOTE: Turbojets accelerate to 250K until reaching 10000, if unable advise ATC.
NOTE: Assigned to aircraft with a requested altitude of 11000 or above.

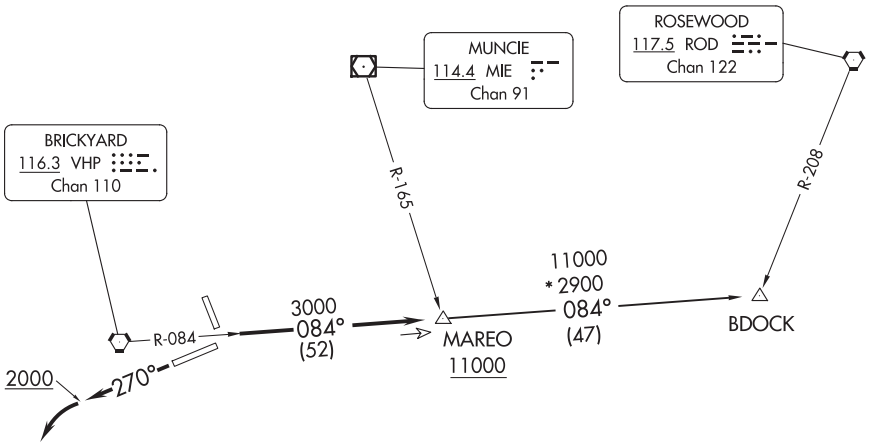
NOTE: Chart not to scale.

EC-2, 12 JUN 2025 to 07 AUG 2025

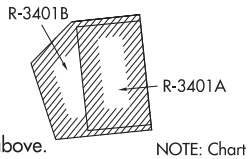
AWOS-3PT
124.175
CLNC DEL
119.25
INDIANAPOLIS DEP CON
127.15 317.8

TAKEOFF MINIMUMS
Rwys 7, 16, 25: Standard.
Rwy 34: 300-1 or standard with minimum climb of 347′ per NM to 1100.

TOP ALTITUDE: ASSIGNED BY ATC



NOTE: RADAR required.
NOTE: Select appropriate localizer/DME frequency/channel prior to departure.
NOTE: Turbojets accelerate to 250K until reaching 10000, if unable advise ATC.
NOTE: Assigned to aircraft with a requested altitude of 11000 or above.



NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RWY 25: Climb heading 270° to 2000 before turning left. Then on assigned heading to assigned altitude. Thence....

DEPARTING ALL OTHER AUTHORIZED RUNWAYS: Climb on assigned heading to assigned altitude. Thence....

....expect RADAR vectors to join VHP R-084 to MAREO INT then via transition or assigned route. Expect clearance to requested altitude ten minutes after departure.

BDOCK TRANSITION (MAREO5.BDOCK): From over MAREO INT via VHP R-084 to BDOCK INT.

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

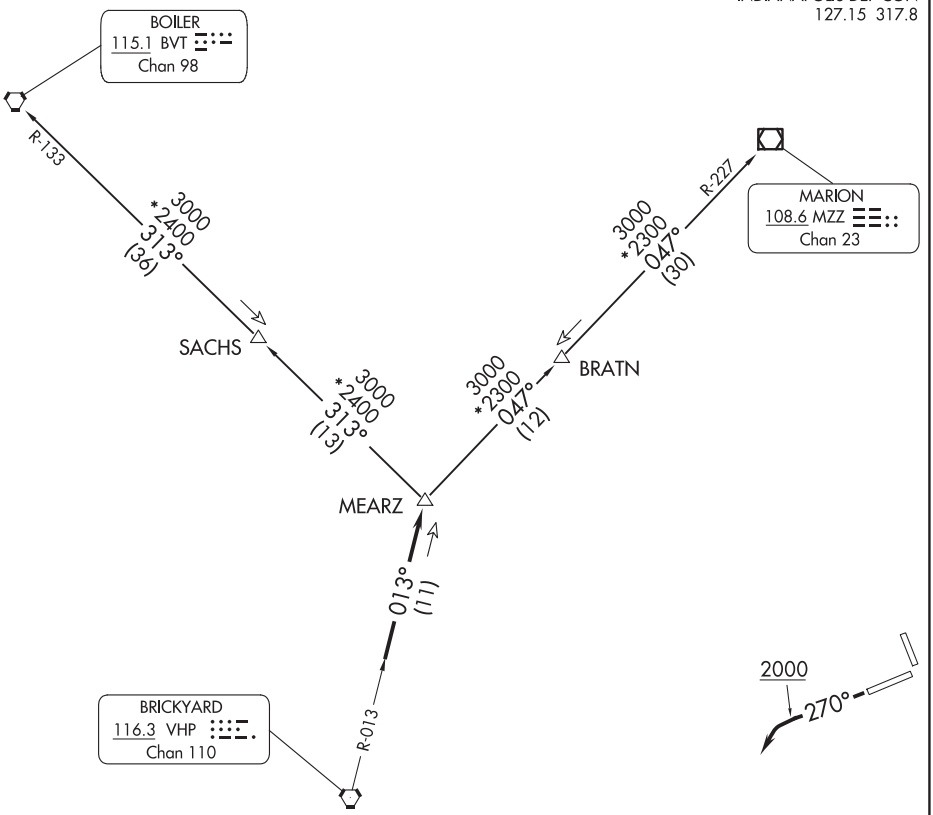
(MEARZ7.MEARZ) 23334
MEARZ SEVEN DEPARTURE
AL-6452 (FAA)

INDIANAPOLIS RGNL (MQJ)
INDIANAPOLIS, INDIANA

TOP ALTITUDE: ASSIGNED BY ATC

RADAR required.

AWOS-3PT
124.175
CLNC DEL
119.25
INDIANAPOLIS DEP CON
127.15 317.8



TAKEOFF MINIMUMS

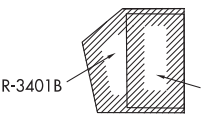
Rwy 7, 16, 25: Standard.

Rwy 34: 300-1 or standard with minimum climb of 347' per NM to 1100.

NOTE: Turbojets accelerate to 250K until reaching 10000, if unable advise ATC.

NOTE: Assigned to aircraft with a requested altitude of 11000 or above.

NOTE: Select appropriate localizer/DME frequency/channel prior to departure.



NOTE: Chart not to scale.

(NARRATIVE ON FOLLOWING PAGE)

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 25: Climb on heading 270° to 2000 before turning left. Then on assigned heading to assigned altitude. Thence....
DEPARTING ALL OTHER AUTHORIZED RUNWAYS: Climb on assigned heading to assigned altitude. Thence....

....expect RADAR vectors to join VHP R-013 to MEARZ then on transition or assigned route. Expect clearance to requested altitude ten minutes after departure.

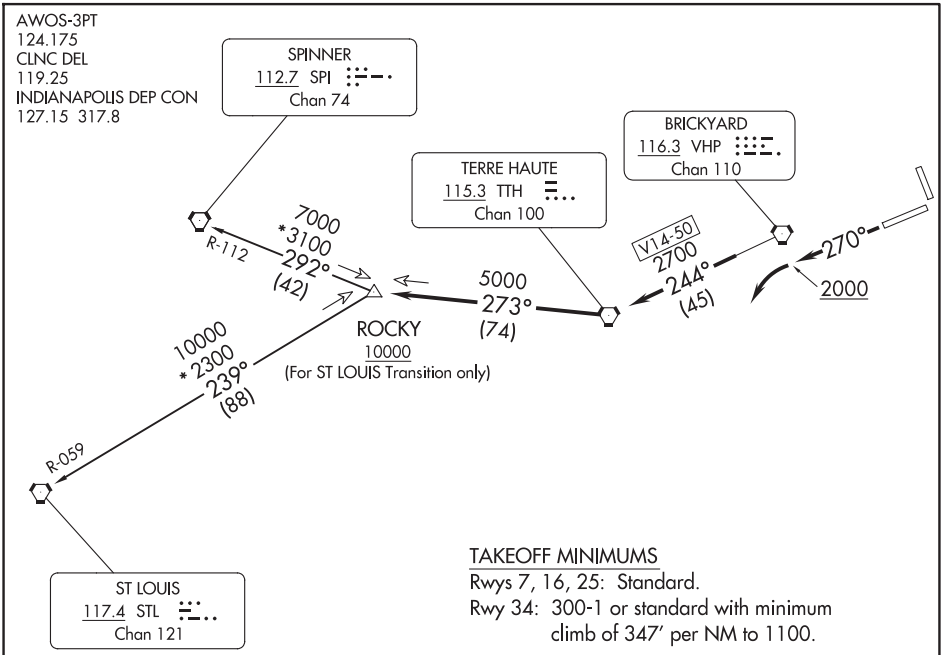
BOILER TRANSITION (MEARZ7.BVT): From over MEARZ on BVT R-133 to BVT VORTAC.
MARION TRANSITION (MEARZ7.MZZ): From over MEARZ on MZZ R-227 to MZZ VOR/DME.

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

(ROCKY1.ROCKY) 23334
ROCKY ONE DEPARTURE

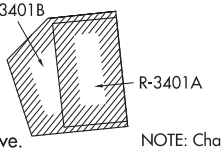
AL-6452 (FAA)

INDIANAPOLIS RGNL (MQJ)
INDIANAPOLIS, INDIANA



TAKEOFF MINIMUMS
Rwys 7, 16, 25: Standard.
Rwy 34: 300-1 or standard with minimum climb of 347′ per NM to 1100.

NOTE: RADAR required.
NOTE: Select appropriate localizer/DME frequency/channel prior to departure.
NOTE: Turbojets accelerate to 250K until reaching 10000, if unable advise ATC.
NOTE: Assigned to aircraft with a requested altitude of 11000 or above.



NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RWY 25: Climb heading 270° to 2000 before turning left. Then on assigned heading to assigned altitude. Thence . . . .

DEPARTING ALL OTHER AUTHORIZED RUNWAYS: Climb on assigned heading to assigned altitude. Thence . . . .

. . . . expect RADAR vectors to join VHP R-244 to TTH VORTAC, then via TTH R-273 to ROCKY INT then via transition or assigned route. Expect clearance to requested altitude ten minutes after departure.

SPINNER TRANSITION (ROCKY1.SPI): From over ROCKY INT on SPI R-112 to SPI VORTAC.
ST LOUIS TRANSITION (ROCKY1.STL): From over ROCKY INT on STL R-059 to STL VORTAC.

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

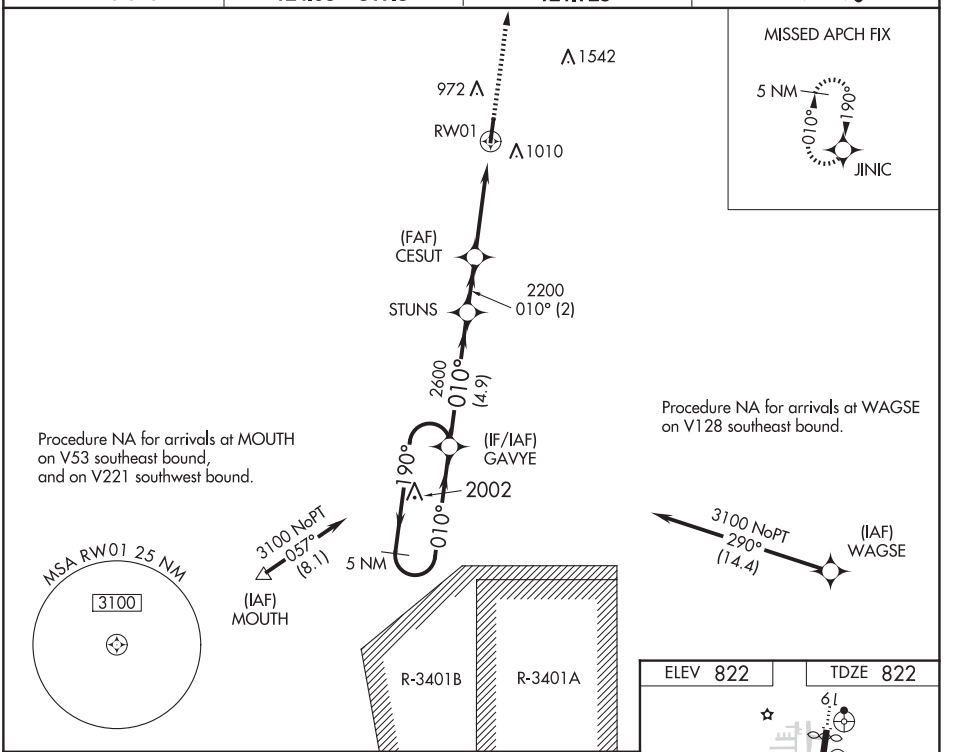
WAAS	APP CRS	Rwy Ldg	5000
CH 97640	010°	TDZE	822
W01A		Apt Elev	822

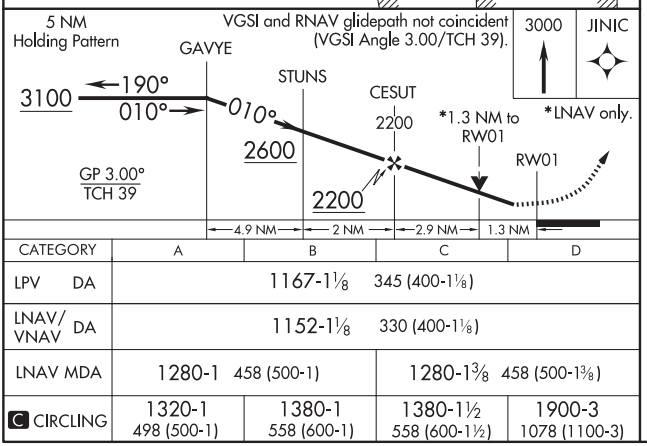
RNAV (GPS) RWY 1
INDY SOUTH GREENWOOD (HFY)

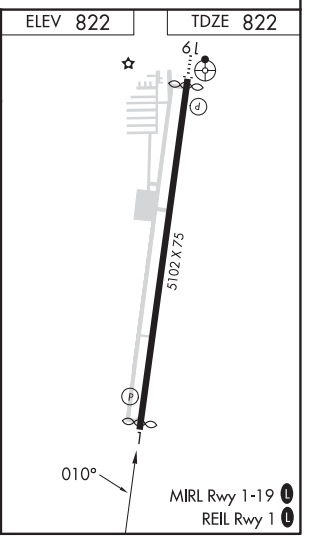
For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -16°C (4°F) or above 54°C (130°F). Rwy 1 helicopter visibility reduction below ¾ SM NA. DME/DME RNP-0.3 NA.

MISSED APPROACH: Climb to 3000 direct JINIC and hold.

AWOS-3P	INDIANAPOLIS APP CON	GCO	UNICOM
118.525	124.95 317.8	121.725	123.0 (CTAF) L







CATEGORY	A	B	C	D
LPV DA	1167-1⅛ 345 (400-1⅛)			
LNAV/VNAV DA	1152-1⅛ 330 (400-1⅛)			
LNAV MDA	1280-1 458 (500-1)		1280-1⅜ 458 (500-1⅜)	
C CIRCLING	1320-1 498 (500-1)	1380-1 558 (600-1)	1380-1½ 558 (600-1½)	1900-3 1078 (1100-3)

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

INDIANAPOLIS, INDIANA AL-6614 (FAA) 24081

WAAS	APP CRS	Rwy Idg	5002
CH 53703	190°	TDZE	822
W19A		Apt Elev	822

RNAV (GPS) RWY 19
INDY SOUTH GREENWOOD (HFY)

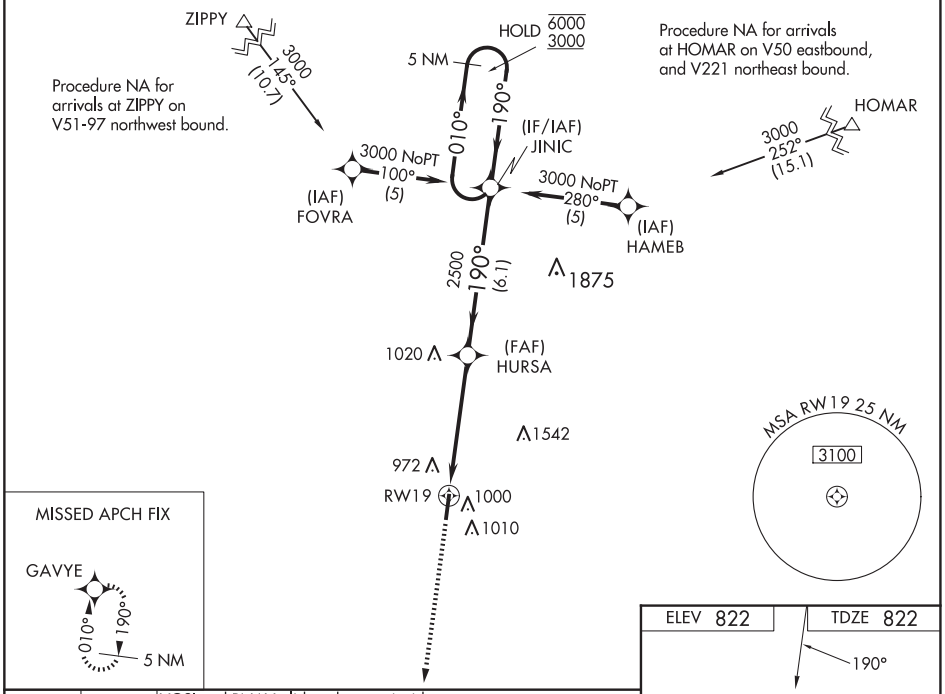
RNP APCH - GPS.

T A Rwy 19 helicopter visibility reduction below ¾ SM NA. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -16°C or above 54°C. Baro-VNAV and VDP NA when using Indianapolis Intl altimeter setting.

ODALS

MISSED APPROACH: Climb to 3100 direct GAVYE and hold.

AWOS-3P	INDIANAPOLIS APP CON	GCO	UNICOM
118.525	124.95 317.8	121.725	123.0 (CTAF) L



CATEGORY	A	B	C	D
LPV DA	1130-1 308 (400-1)			NA
LNAV/VNAV DA	1299-1¾ 477 (500-1¾)			NA
LNAV MDA	1300-1 478 (500-1)		1300-1⅜ 478 (500-1⅜)	NA
C CIRCLING	1360-1 538 (600-1)	1380-1 558 (600-1)	1380-1½ 558 (600-1½)	NA

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

VOR/DME SHB	APP CRS	Rwy Idg	N/A
116.15	269°	TDZE	N/A
Chan 108 (Y)		Apt Elev	822

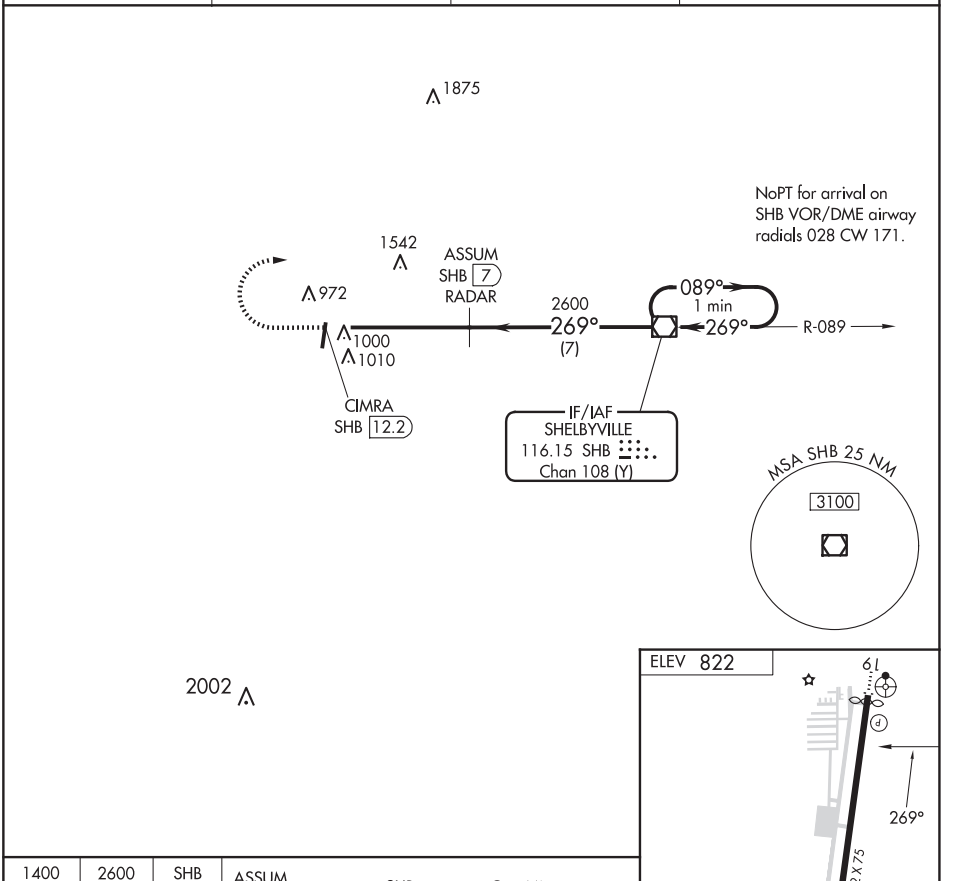
VOR-A

INDY SOUTH GREENWOOD (HFY)

Rwy 1, 19 helicopter visibility reduction below ¾ SM NA. DME or RADAR REQUIRED.

MISSED APPROACH: Climb to 1400 then climbing right turn to 2600 direct SHB VOR/DME and hold.

AWOS-3P	INDIANAPOLIS APP CON	GCO	UNICOM
118.525	124.95 317.8	121.725	123.0 (CTAF) L



CATEGORY	A	B	C	D
C CIRCLING	1360-1 538 (600-1)	1380-1 558 (600-1)	1380-1½ 558 (600-1½)	NA

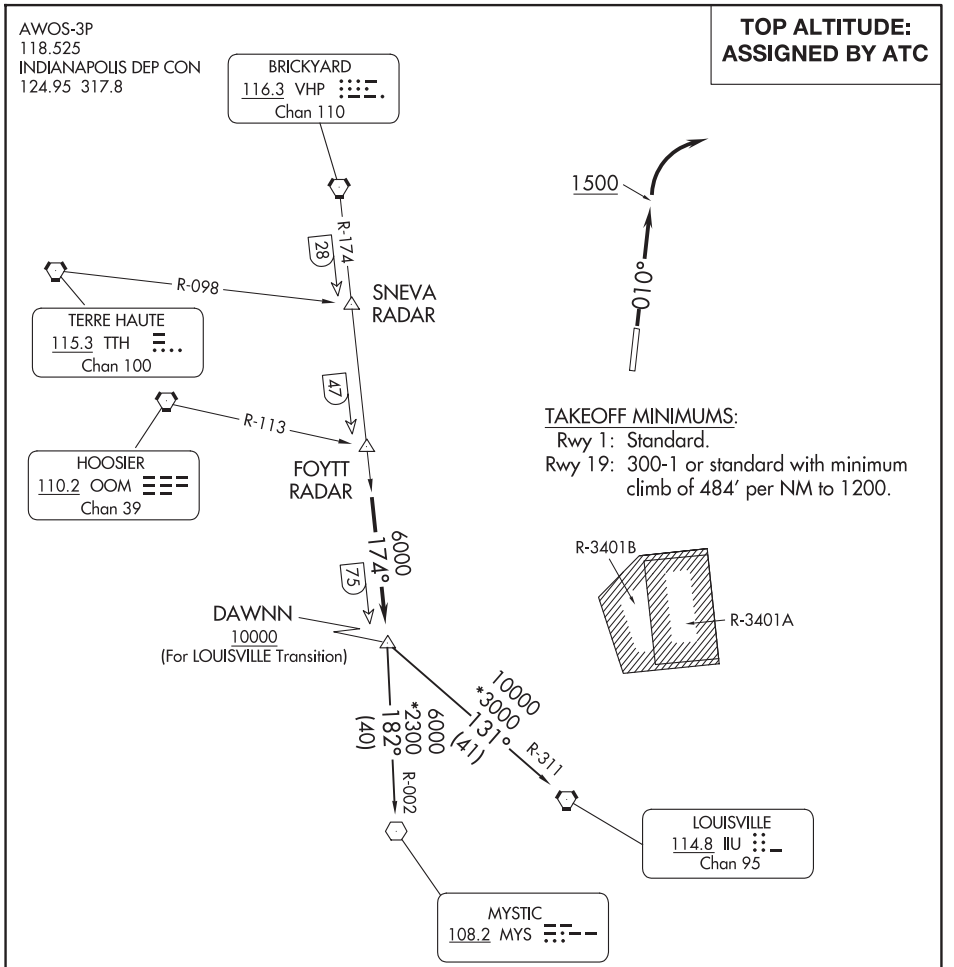
FAF to MAP 5.2 NM

Knots	60	90	120	150	180
Min:Sec	5:12	3:28	2:36	2:05	1:44

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

(DAWNN1.DAWNN) 23334
DAWNN ONE DEPARTURE
AL-6614 (FAA)

INDY SOUTH GREENWOOD (HFY)
INDIANAPOLIS, INDIANA



NOTE: RADAR required.
NOTE: Select appropriate localizer/DME frequency/channel prior to departure.
NOTE: Turbojets accelerate to 250K until reaching 10000, if unable advise ATC.
NOTE: Assigned to aircraft with a requested altitude of 11000 or above.

(NARRATIVE ON FOLLOWING PAGE)

NOTE: Chart not to scale.

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RWY 1: Climb heading 010° to 1500 before turning right. Then on assigned heading to assigned altitude. Thence....

DEPARTING ALL OTHER AUTHORIZED RUNWAYS/AIRPORTS: Climb on assigned heading to assigned altitude. Thence....

....on RADAR vectors to join VHP R-174 to DAWNN INT then on transition or assigned route. Expect clearance to requested altitude ten minutes after departure.

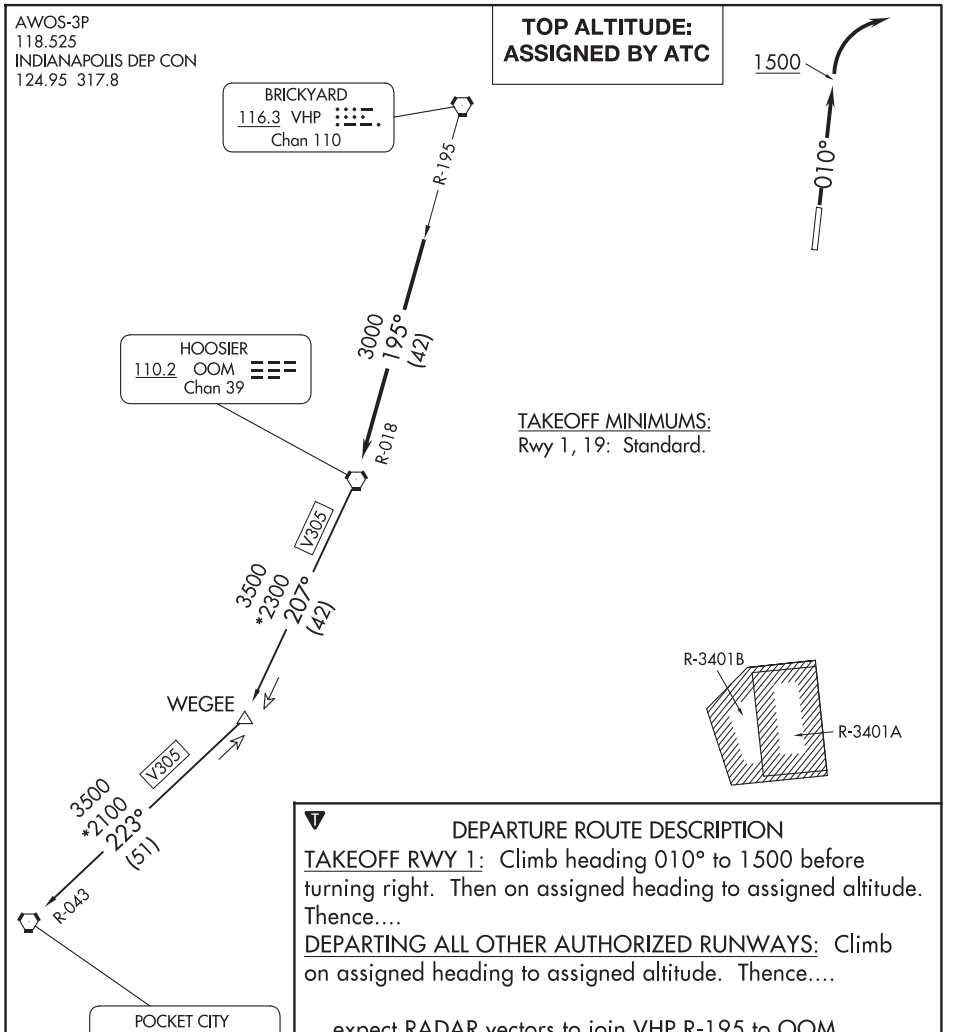
LOUISVILLE TRANSITION (DAWNN1.IIU): From over DAWNN INT on IIU R-311 to IIU VORTAC.
MYSTIC TRANSITION (DAWNN1.MYS): From over DAWNN INT on MYS R-002 to MYS VOR.

EC-2, 12 JUN 2025 to 07 AUG 2025

(OOM5.OOM) 23334
HOOSIER FIVE DEPARTURE

AL-6614 (FAA)

INDY SOUTH GREENWOOD (HFY)
INDIANAPOLIS, INDIANA



DEPARTURE ROUTE DESCRIPTION

TAKEOFF RWY 1: Climb heading 010° to 1500 before turning right. Then on assigned heading to assigned altitude. Thence....

DEPARTING ALL OTHER AUTHORIZED RUNWAYS: Climb on assigned heading to assigned altitude. Thence....

....expect RADAR vectors to join VHP R-195 to OOM VORTAC then via transition or assigned route. Expect clearance to requested altitude ten minutes after departure.

POCKET CITY TRANSITION (OOM5.PXV): From over OOM VORTAC via OOM R-207 to WEGEE, then via PXV R-043 to PXV VORTAC.

NOTE: RADAR required.
NOTE: Select appropriate localizer/DME frequency/channel prior to departure.
NOTE: Turbojets accelerate to 250K until reaching 10000, if unable advise ATC.
NOTE: Assigned to aircraft with a requested altitude of 11000 or above.

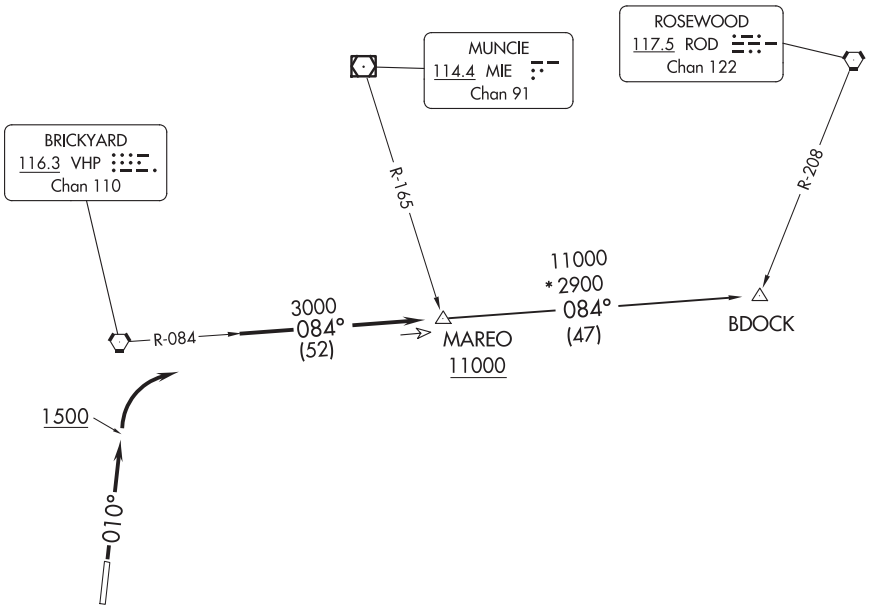
NOTE: Chart not to scale.

EC-2, 12 JUN 2025 to 07 AUG 2025

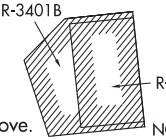
AWOS-3P
118.525
INDIANAPOLIS DEP CON
124.95 317.8

TOP ALTITUDE: ASSIGNED BY ATC

TAKEOFF MINIMUMS:
Rwy 1, 19: Standard.



NOTE: RADAR required.
NOTE: Select appropriate localizer/DME frequency/channel prior to departure.
NOTE: Turbojets accelerate to 250K until reaching 10000, if unable advise ATC.
NOTE: Assigned to aircraft with a requested altitude of 11000 or above.



NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RWY 1: Climb heading 010° to 1500 before turning right. Then on assigned heading to assigned altitude. Thence....

DEPARTING ALL OTHER AUTHORIZED RUNWAYS: Climb on assigned heading to assigned altitude. Thence....

....expect RADAR vectors to join VHP R-084 to MAREO INT then via transition or assigned route. Expect clearance to requested altitude ten minutes after departure.

BDOCK TRANSITION (MAREO5.BDOCK): From over MAREO INT via VHP R-084 to BDOCK INT.

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

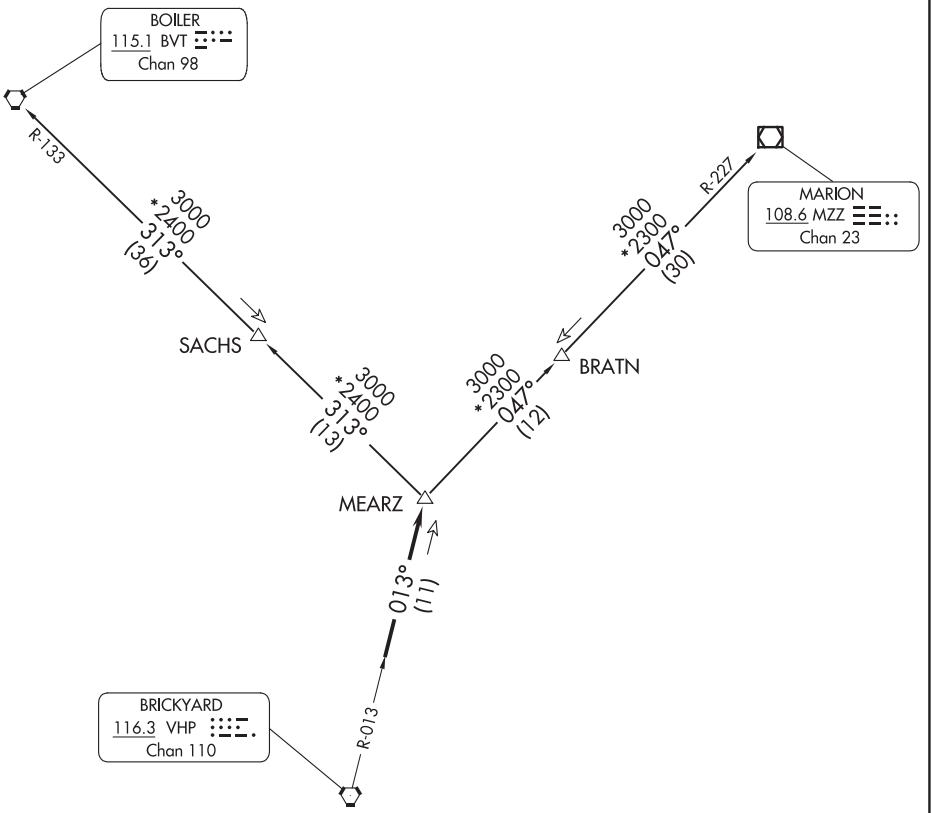
(MEARZ7.MEARZ) 23334
MEARZ SEVEN DEPARTURE
AL-6614 (FAA)

INDY SOUTH GREENWOOD (HFY)
INDIANAPOLIS, INDIANA

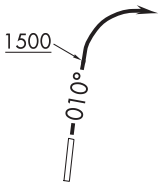
TOP ALTITUDE: ASSIGNED BY ATC

RADAR required.

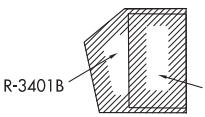
AWOS-3P
118.525
INDIANAPOLIS DEP CON
124.95 317.8



TAKEOFF MINIMUMS
Rwy 1, 19: Standard.



NOTE: Turbojets accelerate to 250K until reaching 10000, if unable advise ATC.
NOTE: Assigned to aircraft with a requested altitude of 11000 or above.
NOTE: Select appropriate localizer/DME frequency/channel prior to departure.



NOTE: Chart not to scale.

(NARRATIVE ON FOLLOWING PAGE)

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 1: Climb on heading on 010° to 1500 before turning right. Then on assigned heading to assigned altitude. Thence....
DEPARTING ALL OTHER AUTHORIZED RUNWAYS: Climb on assigned heading to assigned altitude. Thence....

....expect RADAR vectors to join VHP R-013 to MEARZ then on transition or assigned route. Expect clearance to requested altitude ten minutes after departure.

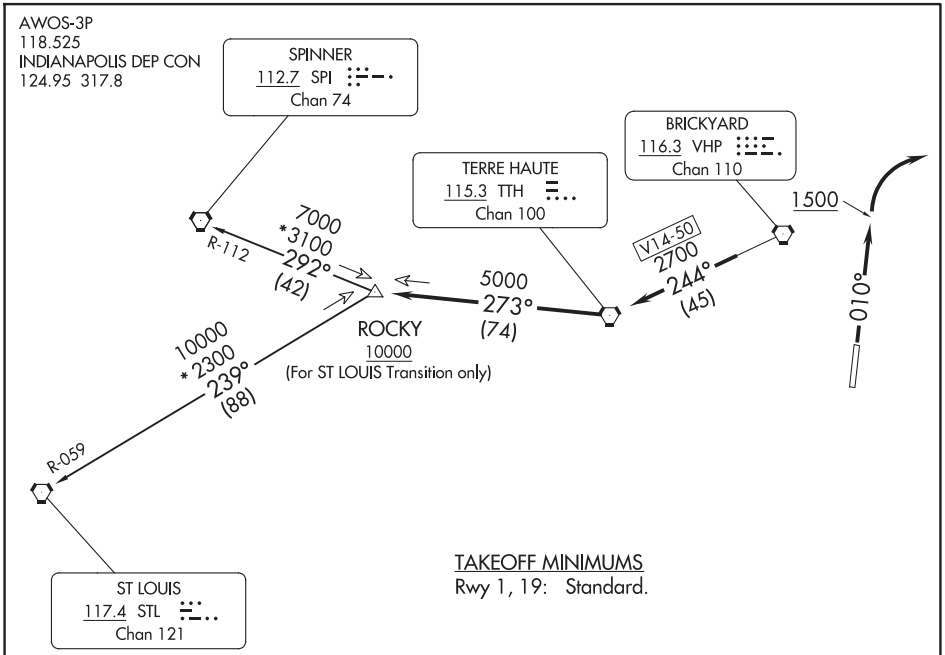
BOILER TRANSITION (MEARZ7.BVT): From over MEARZ on BVT R-133 to BVT VORTAC.
MARION TRANSITION (MEARZ7.MZZ): From over MEARZ on MZZ R-227 to MZZ VOR/DME.

EC-2, 12 JUN 2025 to 07 AUG 2025

(ROCKY1.ROCKY) 23334
ROCKY ONE DEPARTURE

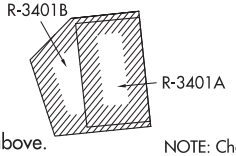
AL-6614 (FAA)

INDY SOUTH GREENWOOD (HFY)
INDIANAPOLIS, INDIANA



TAKEOFF MINIMUMS
Rwy 1, 19: Standard.

NOTE: RADAR required.
NOTE: Select appropriate localizer/DME frequency/channel prior to departure.
NOTE: Turbojets accelerate to 250K until reaching 10000, if unable advise ATC.
NOTE: Assigned to aircraft with a requested altitude of 11000 or above.



NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RWY 1: Climb heading 010° to 1500 before turning right. Then on assigned heading to assigned altitude. Thence . . . .

DEPARTING ALL OTHER AUTHORIZED RUNWAYS: Climb on assigned heading to assigned altitude. Thence . . . .

. . . . expect RADAR vectors to join VHP R-244 to TTH VORTAC, then via TTH R-273 to ROCKY INT then via transition or assigned route. Expect clearance to requested altitude ten minutes after departure.

SPINNER TRANSITION (ROCKY1.SPI): From over ROCKY INT on SPI R-112 to SPI VORTAC.
ST LOUIS TRANSITION (ROCKY1.STL): From over ROCKY INT on STL R-059 to STL VORTAC.

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

RNAV (GPS) RWY 1

JAMES A RHODES (JRO)

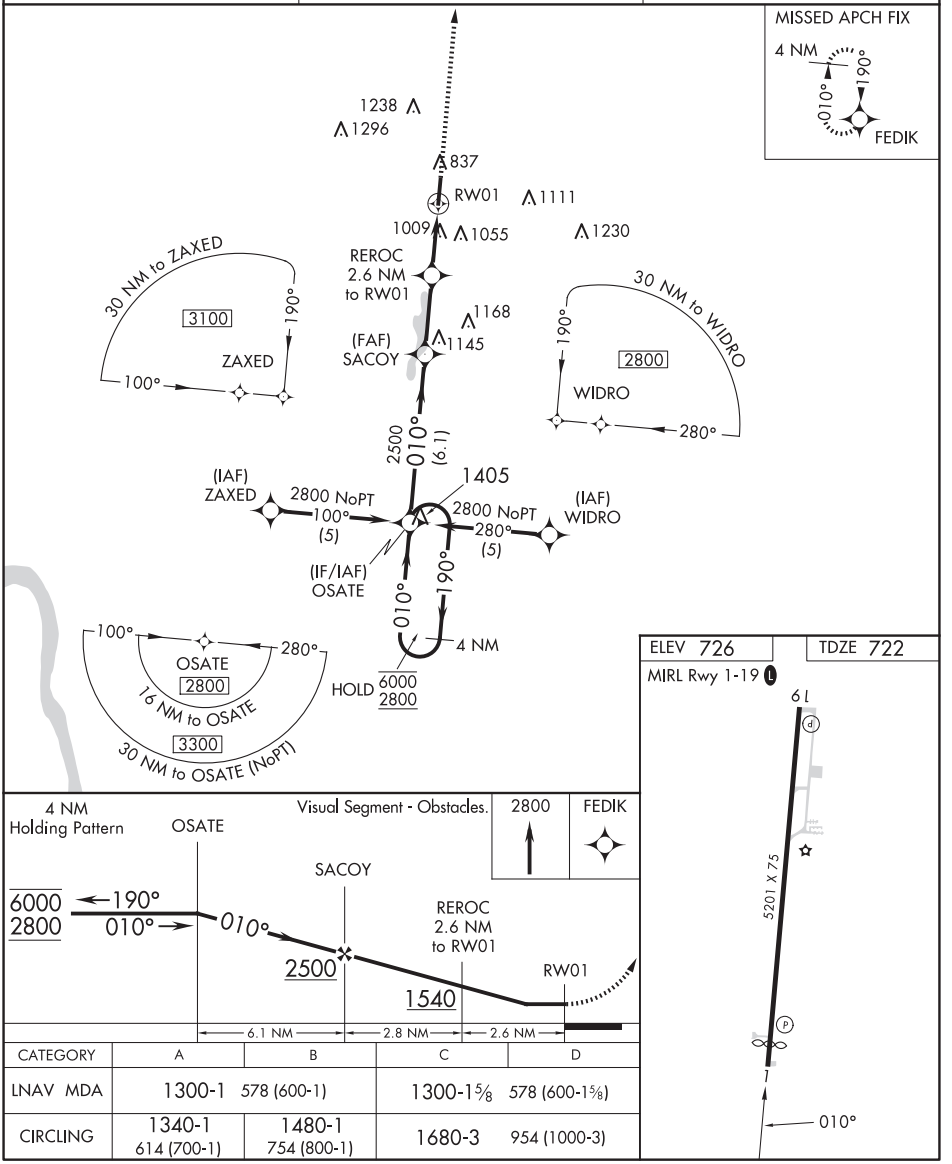
APP CRS	Rwy Idg	4870
010°	TDZE	722
	Apt Elev	726

RNP APCH - GPS.

T A Procedure NA at night. Rwy 1 helicopter visibility reduction below 1 SM NA.

MISSED APPROACH: Climb to 2800 direct FEDIK and hold.

AWOS-3PT	HUNTINGTON APP CON	UNICOM
118.825	128.4 270.1	122.7(CTAF) L



CATEGORY	A	B	C	D
LNAV MDA	1300-1 578 (600-1)		1300-1⅝ 578 (600-1⅝)	
CIRCLING	1340-1 614 (700-1)	1480-1 754 (800-1)	1680-3 954 (1000-3)	

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

JACKSON, OHIO | AL-6581 (FAA) | 24305

RNAV (GPS) RWY 19

JAMES A RHODES (JRO)

APP CRS	Rwy Idg	5201
190°	TDZE	726
	Apt Elev	726

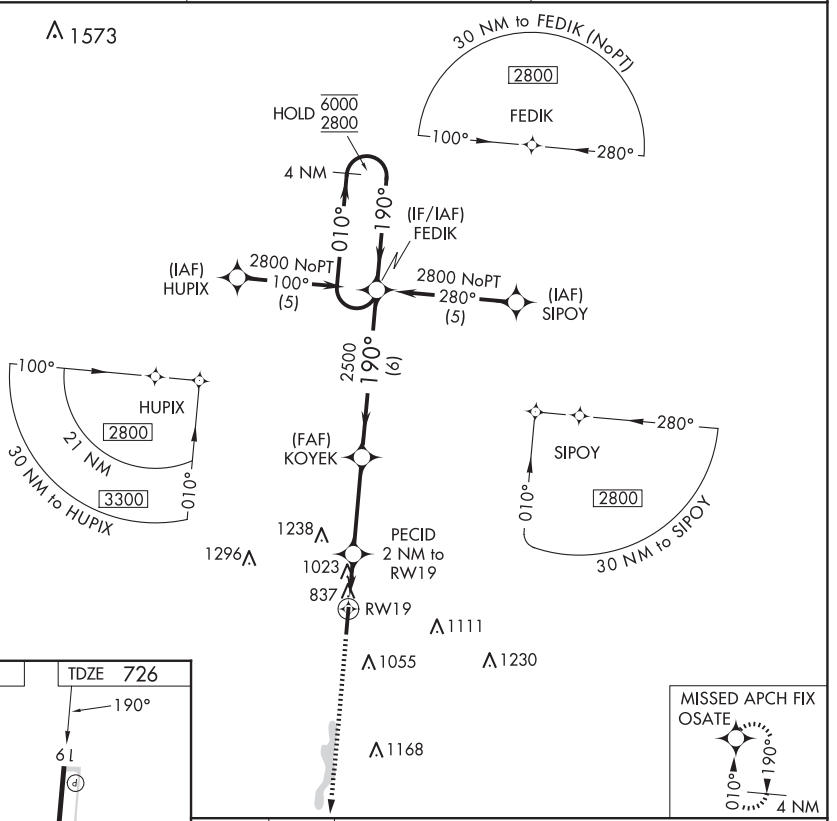
RNP APCH - GPS.

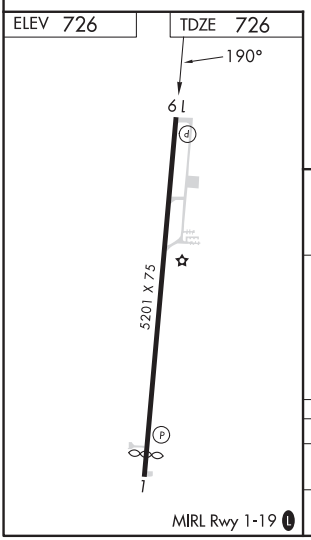
Procedure NA at night.

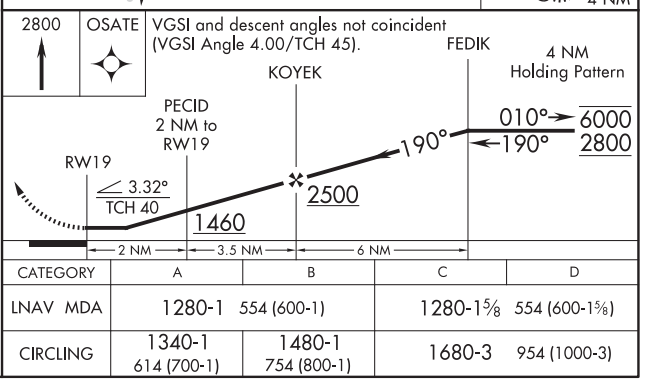
Rwy 19 helicopter visibility reduction below 1 SM NA.

MISSED APPROACH: Climb to 2800 direct OSATE and hold.

AWOS-3PT	HUNTINGTON APP CON	UNICOM
118.825	128.4 270.1	122.7 (CTAF) L







CATEGORY	A	B	C	D
LNAV MDA	1280-1 554 (600-1)		1280-1⅝ 554 (600-1⅝)	
CIRCLING	1340-1 614 (700-1)	1480-1 754 (800-1)	1680-3 954 (1000-3)	

JACKSON, OHIO
Amdt 1F 23FEB23

38°59′N-82°35′W

JAMES A RHODES (JRO)

RNAV (GPS) RWY 19

EC-2, 12 JUN 2025 to 07 AUG 2025

EC-2, 12 JUN 2025 to 07 AUG 2025

LOC I-JVY	APP CRS	Rwy Ldg	7000
111.7	182°	TDZE	478
		Apt Elev	478

ILS or LOC RWY 18
CLARK RGNL (JVY)

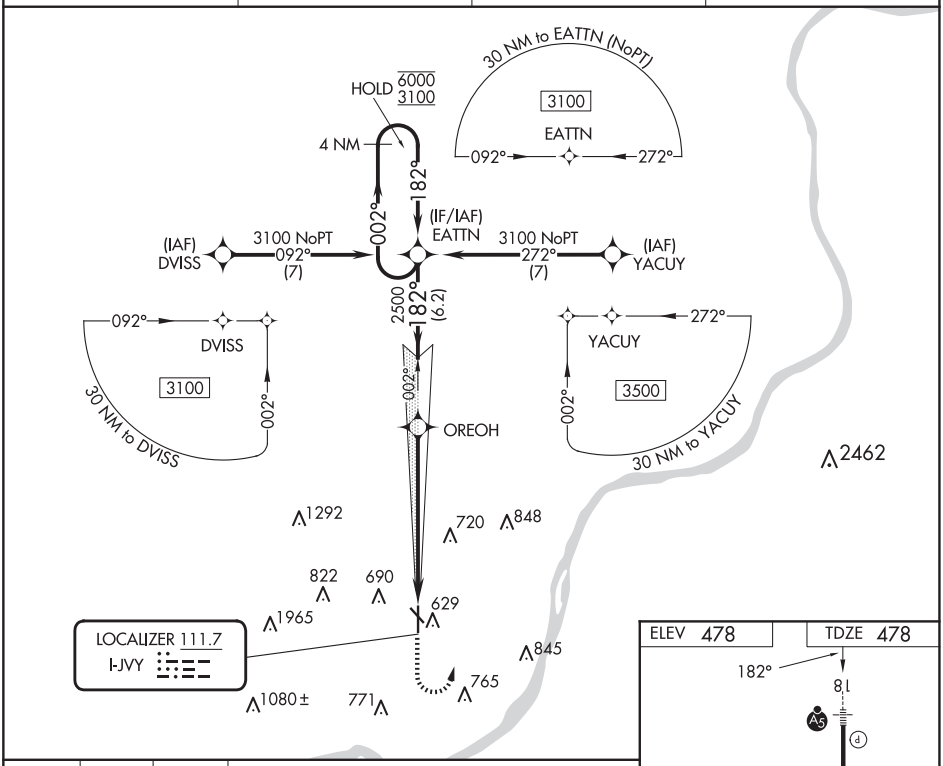
RNP APCH - GPS.

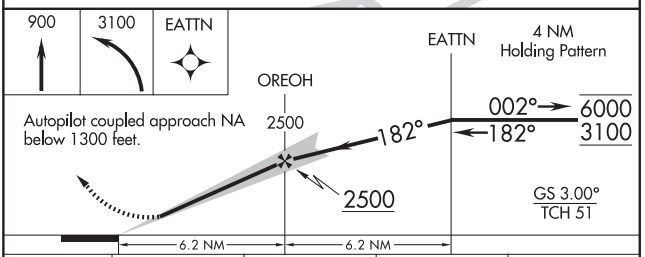
Circling NA for Cat D southwest of Rwys 14 and 36.
Circling Rwy 14, 32, 36 NA at night.
For inop ALS, increase S-LOC 18 Cats C and D visibility to 1⅜ SM.

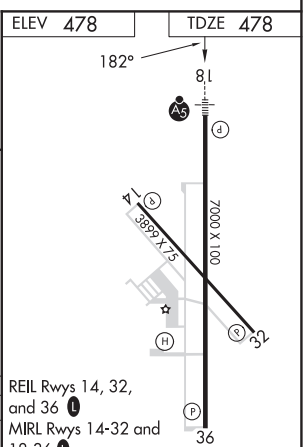
MALSR

MISSED APPROACH: Climb to 900 then climbing left turn to 3100 direct EATTN and hold.

AWOS-3	LOUISVILLE APP CON	CLNC DEL	UNICOM
118.575	132.075 327.0	118.05	122.7 (CTAF) L







REIL Rwys 14, 32, and 36 L
MIRL Rwys 14-32 and 18-36 L

CATEGORY	A	B	C	D
S-ILS 18	678-½ 200 (200-½)			
S-LOC 18	980-½ 502 (600-½)		980-1 502 (600-1)	
C CIRCLING	1000-1 522 (600-1)	1040-1 562 (600-1)	1060-1½ 582 (600-1½)	1100-3 622 (700-3)

FAF to MAP 6.2 NM

Knots	60	90	120	150	180
Min:Sec	6:12	4:08	3:06	2:29	2:04

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

JEFFERSONVILLE, INDIANA | AL-6715 (FAA) | 25163

RNAV (GPS) RWY 18

CLARK RGNL (JVY)

WAAS CH 82426 W18A	APP CRS 182°	Rwy Ldg 7000 / TDZE 478 / Apt Elev 478

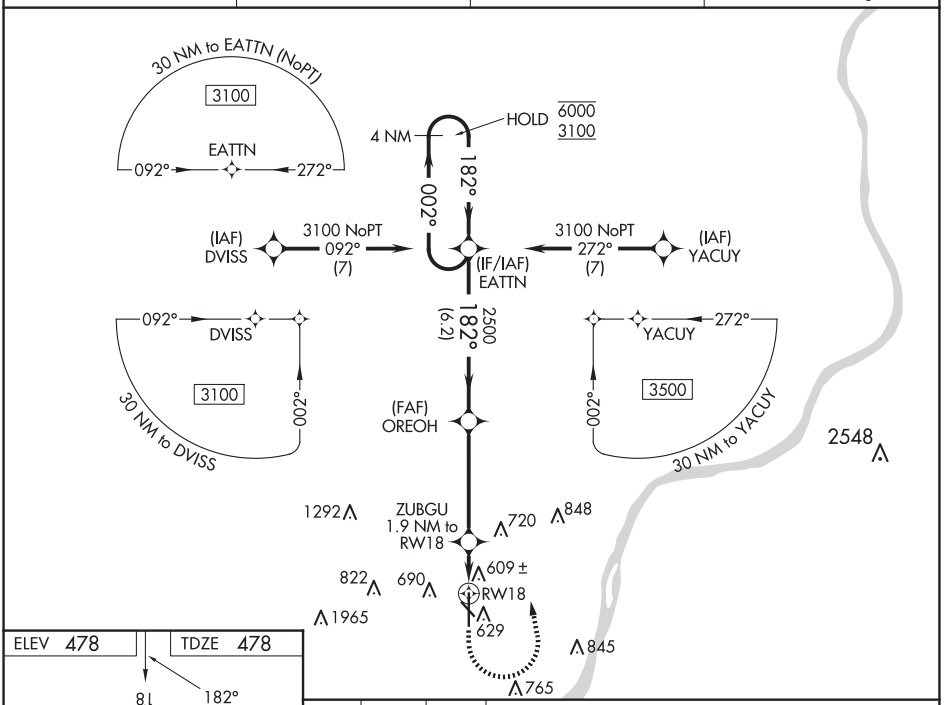
RNP APCH - GPS.

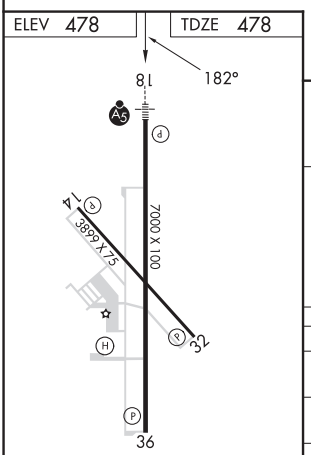
Circling NA for Cat D southwest of Rwys 14 and 36. Circling Rwy 14, 32, 36 NA at night. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -15°C or above 54°C. For inop ALS increase LNAV/VNAV visibility to 1 SM.

MALSR

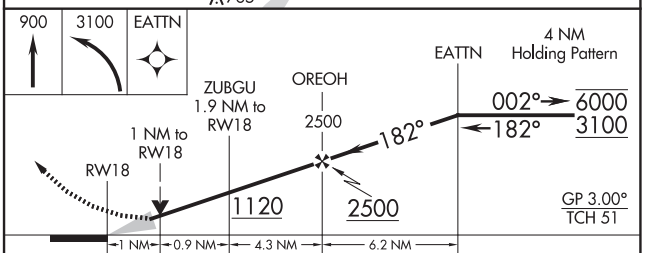
MISSED APPROACH: Climb to 900 then climbing left turn to 3100 direct EATTN and hold.

AWOS-3	LOUISVILLE APP CON	CLNC DEL	UNICOM
118.575	132.075 327.0	118.05	122.7 (CTAF) L





REIL Rwys 14, 32, and 36 L
MIRL Rwys 14-32 and 18-36 L



CATEGORY	A	B	C	D
LPV DA	678-½ 200 (200-½)			
LNAV/VNAV DA	852-⅝ 374 (400-⅝)			
LNAV MDA	860-½ 382 (400-½)		860-⅝ 382 (400-⅝)	
C CIRCLING	1000-1 522 (600-1)	1040-1 562 (600-1)	1060-1½ 582 (600-1½)	1100-2 622 (700-2)

JEFFERSONVILLE, INDIANA
Amdt 2 17APR25

38°22'N-85°44'W

CLARK RGNL (JVY)

RNAV (GPS) RWY 18

EC-2, 12 JUN 2025 to 07 AUG 2025

RNAV (GPS) RWY 36

CLARK RGNL (JVY)

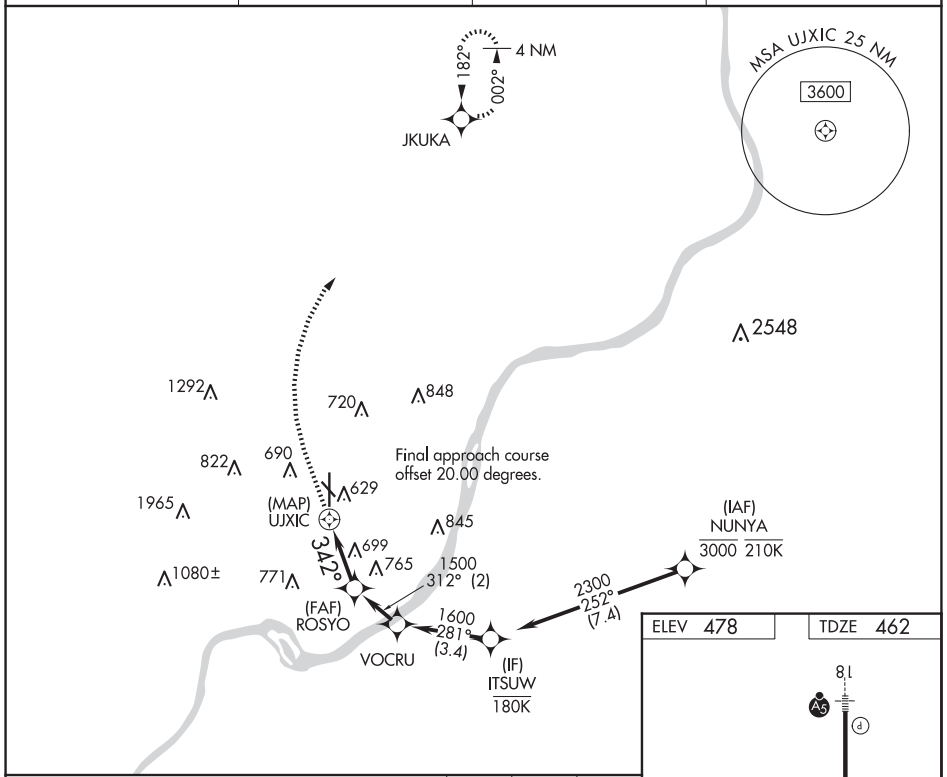
APP CRS	Rwy Ldg	7000
342°	TDZE	462
	Apt Elev	478

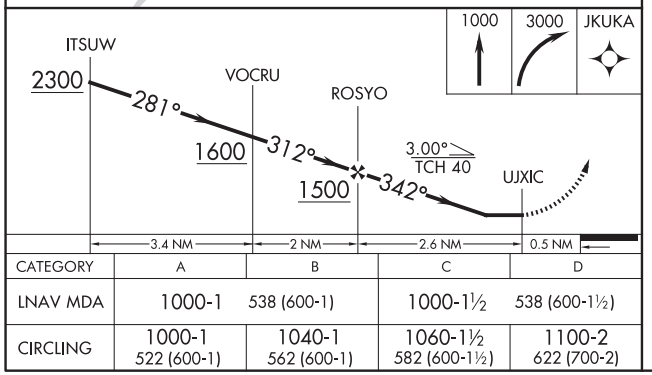
RNP APCH - GPS.

Rwy 36 helicopter visibility reduction below 1 SM NA. Circling NA for Cat D southwest of Rwys 14 and 36. When local altimeter setting not recieved, use Louisville Muhammad Ali Intl altimeter setting and increase all MDAs 40 feet and visibility LNAV Cat C/D ⅛ SM, and Circling Cat C ¼ SM. Straight-In Rwy 36 NA at night, Circling Rwy 14, 32, 36 NA at night.

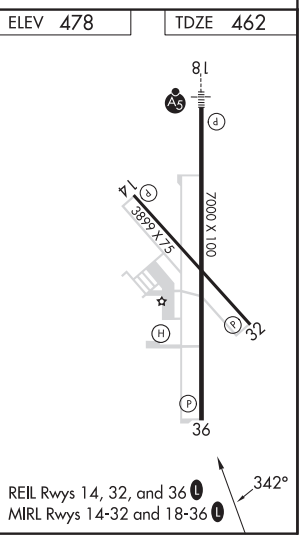
MISSED APPROACH: Climb to 1000 then climbing right turn to 3000 direct JKUKA and hold.

AWOS-3	LOUISVILLE APP CON	CLNC DEL	UNICOM
118.575	132.075 327.0	118.05	122.7 (CTAF) L





CATEGORY	A	B	C	D
LNAV MDA	1000-1	538 (600-1)	1000-1½	538 (600-1½)
CIRCLING	1000-1 522 (600-1)	1040-1 562 (600-1)	1060-1½ 582 (600-1½)	1100-2 622 (700-2)



EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

JEFFERSONVILLE, INDIANA AL-6715 (FAA) 25163

NDB RWY 18

CLARK RGNL (JVY)

LOM JV	APP CRS	Rwy Ldg	7000
331	182°	TDZE	476
		Apt Elev	476

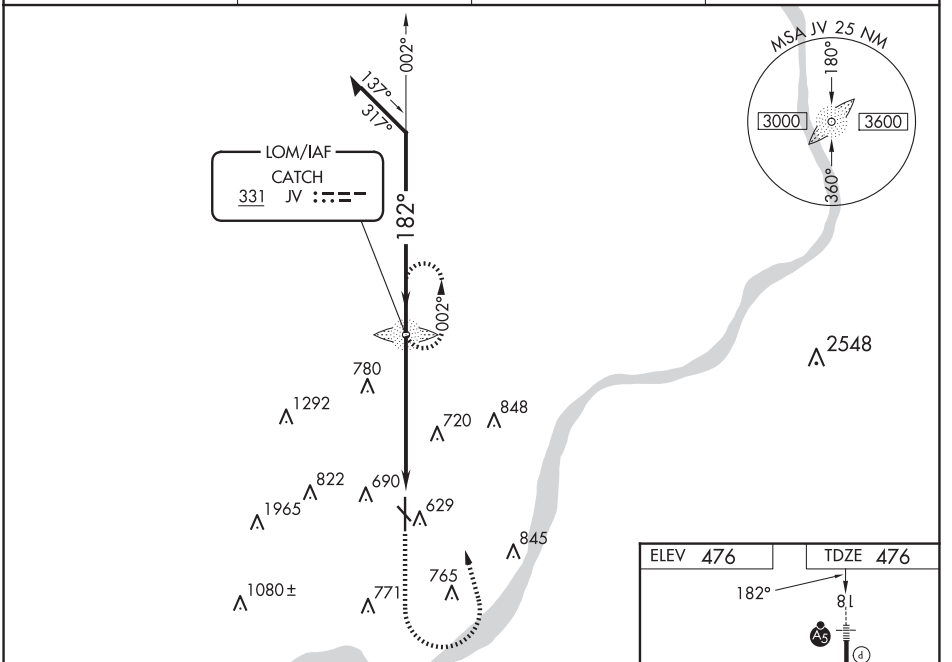
RADAR required for procedure entry.

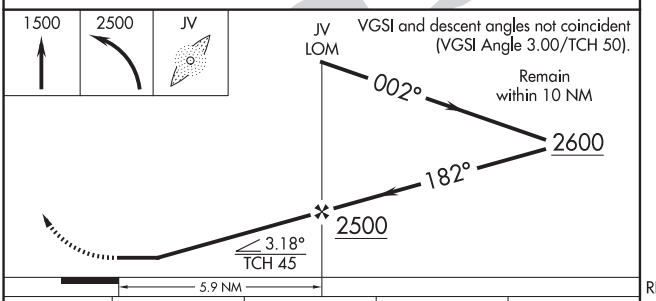
T
A NA Circling NA for Cat D southwest of Rwys 14 and 36. Circling Rwy 14, 32 NA at night. For inop ALS, increase S-18 Cats A and B visibility to 1 SM and Cats C and D to 1¾ SM. When local altimeter setting not received, use Louisville Muhammad Ali Intl altimeter setting and increase all MDAs 40 feet and Circling visibility Cat C ⅛ SM. For inop ALS when using Louisville Muhammad Ali Intl altimeter setting, increase S-18 Cats A and B visibility to 1 SM.

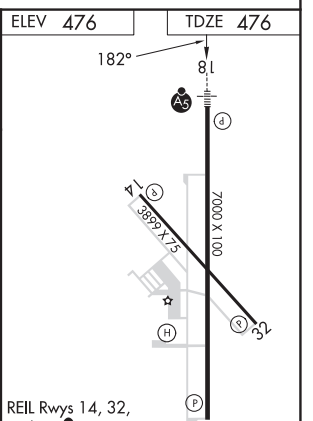
MALSR

MISSED APPROACH: Climb to 1500 then climbing left turn to 2500 direct CATCH LOM and hold.

AWOS-3	LOUISVILLE APP CON	CLNC DEL	UNICOM
118.575	132.075 327.0	118.05	122.7 (CTAF) L







CATEGORY	A	B	C	D
S-18	1080-¾	604 (700-¾)	1080-1⅜	604 (700-1⅜)
C CIRCLING	1080-1	604 (700-1)	1080-1¾ 604 (700-1¾)	1100-2 624 (700-2)

FAF to MAP 5.9 NM

Knots	60	90	120	150	180
Min:Sec	5:54	3:56	2:57	2:22	1:58

EC-2, 12 JUN 2025 to 07 AUG 2025

EC-2, 12 JUN 2025 to 07 AUG 2025

RNAV (GPS) RWY 10

KENDALLVILLE MUNI (C62)

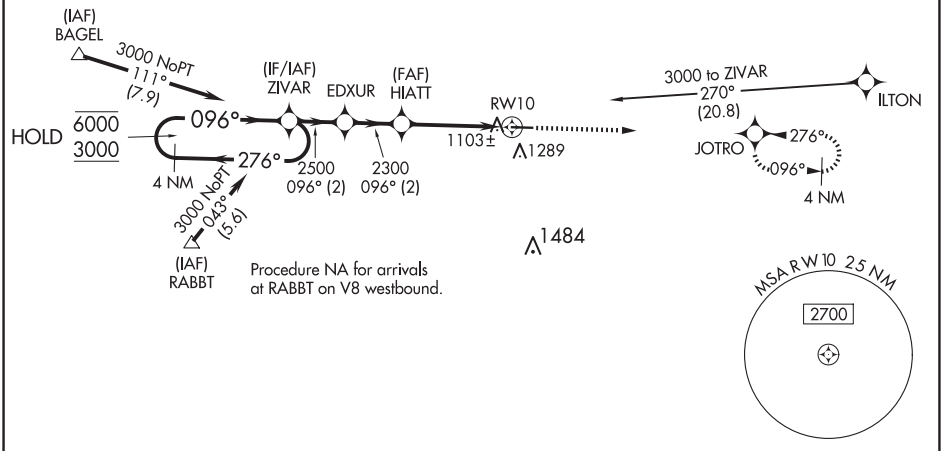
WAAS	APP CRS	Rwy Idg	4400
Ch 40035	096°	TDZE	1000
W10A		Apt Elev	1004

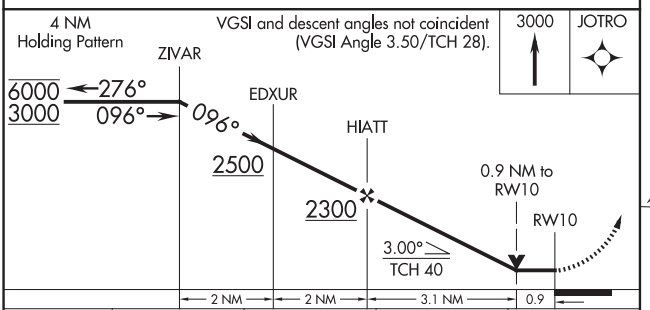
RNP APCH - GPS.

VDP NA when using GWB altimeter setting. Rwy 10 helicopter visibility reduction below ¾ SM NA. Circling Rwy 28 NA at night. When local altimeter setting not received, use GWB altimeter setting and increase all MDAs 60 feet.

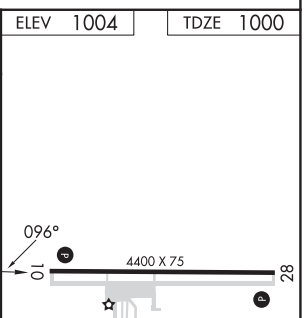
MISSED APPROACH: Climb to 3000 direct JOTRO and hold.

AWOS-3P	FORT WAYNE APP CON	UNICOM
119.925	127.2 284.6	122.8 (CTAF) L





CATEGORY	A	B	C	D
LP MDA	1360-1	360 (400-1)	NA	
LNAV MDA	1440-1	440 (500-1)	NA	
C CIRCLING	1600-1	596 (600-1)	NA	



MIRL Rwy 10-28 L
REIL Rwys 10 and 28 L

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

KENDALLVILLE, INDIANA | AL-5896 (FAA) | 25163

APP CRS	Rwy Idg	4400
276°	TDZE	1004
	Apt Elev	1004

RNAV (GPS) RWY 28

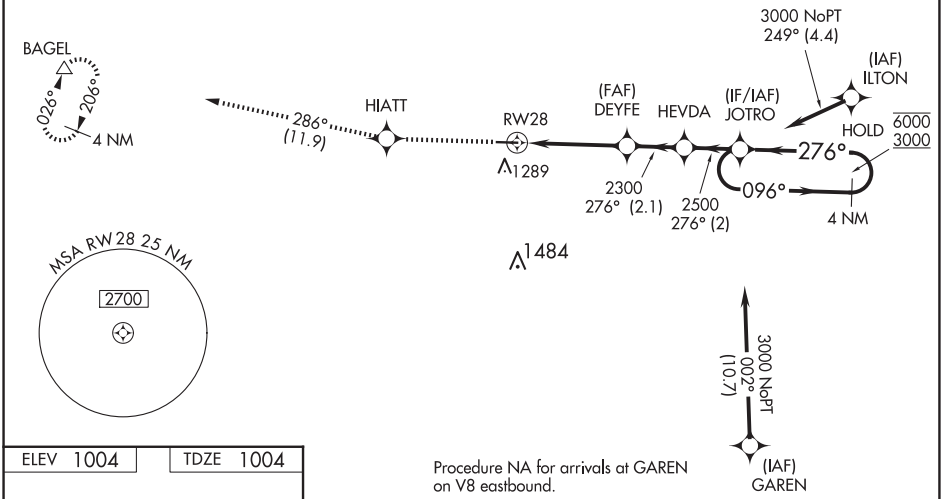
KENDALLVILLE MUNI (C62)

RNP APCH - GPS.

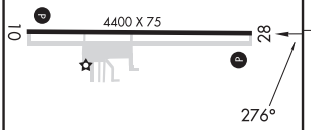
Rwy 28 helicopter visibility reduction below 1 SM NA.
Straight-in Rwy 28 NA at night, Circling Rwy 28 NA at night.
When local altimeter setting not received, use GWB altimeter setting and increase all MDAs 60 feet.

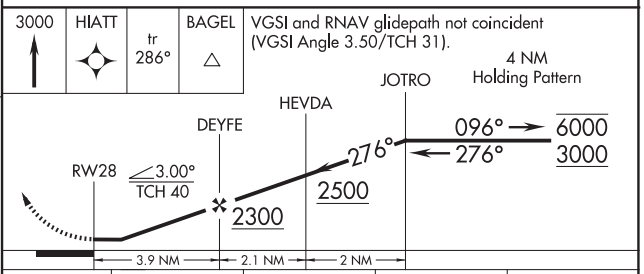
MISSED APPROACH: Climb to 3000 direct HIATT and on track 286° to BAGEL and hold.

AWOS-3P	FORT WAYNE APP CON	UNICOM
119.925	127.2 284.6	122.8 (CTAF) L



ELEV 1004 | TDZ 1004





CATEGORY	A	B	C	D
LNAV MDA	1520-1	516 (600-1)	NA	
C CIRCLING	1600-1	596 (600-1)	NA	

MIRL Rwy 10-28 L
REIL Rwys 10 and 28 L

KENDALLVILLE, INDIANA
Amdt 1C 12JUN25

41°28'N-85°16'W

KENDALLVILLE MUNI (C62)

RNAV (GPS) RWY 28

EC-2, 12 JUN 2025 to 07 AUG 2025

WAAS	APP CRS	Rwy Idg	3947
CH 61001	016°	TDZE	1129
W01A		Apt Elev	1134

RNAV (GPS) RWY 1

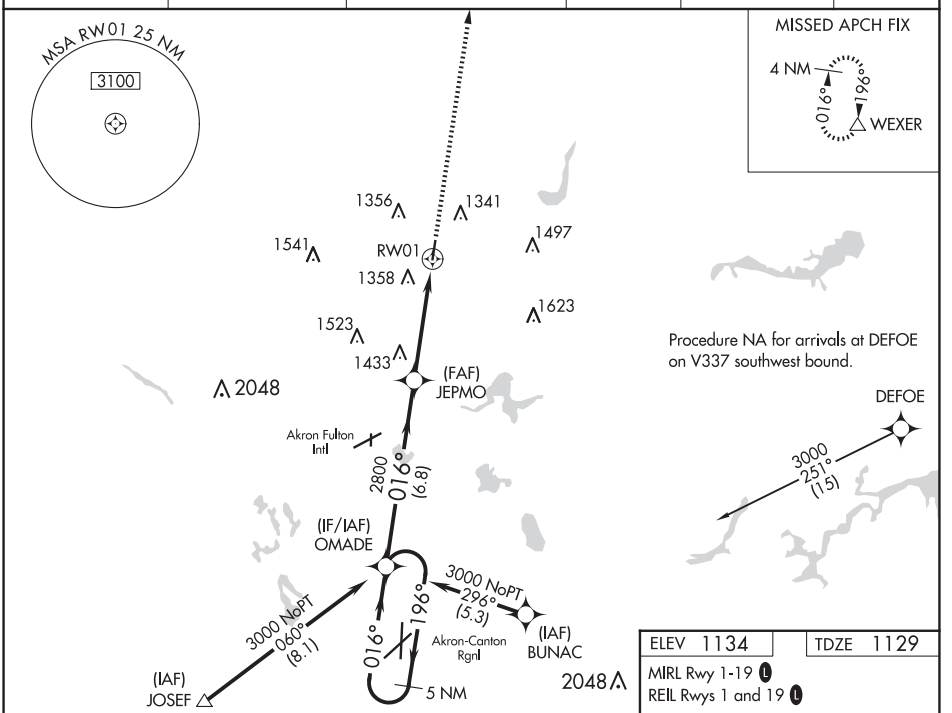
KENT STATE UNIVERSITY (1G3)

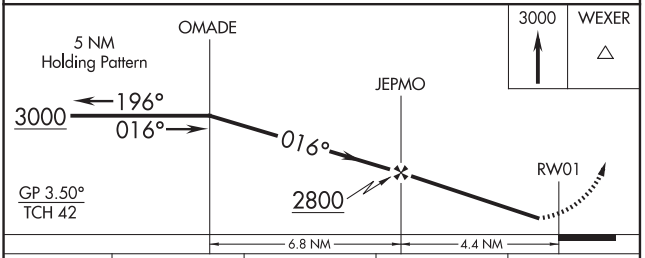
RNP APCH - GPS.

T NA Rwy 1 helicopter visibility reduction below ¾ SM NA. When local altimeter setting not received, use Akron Fulton Intl altimeter setting.

MISSED APPROACH: Climb to 3000 direct WEXER and hold.

AWOS-2	AKR ASOS	CLEVELAND APP CON ★	CLNC DEL	UNICOM	122.9 L
119.15	126.825	125.5 371.875	125.65	122.725 (CTAF)	



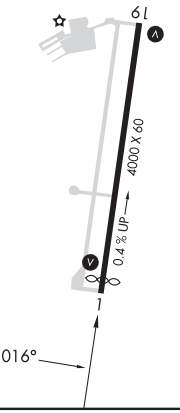


CATEGORY	A	B	C	D
LPV DA	1499-1 370 (400-1)			NA
LNAV MDA	1760-1 631 (700-1)		1760-1¾ 631 (700-1¾)	NA

ELEV 1134 TDZE 1129

MIRL Rwy 1-19 L

REIL Rwys 1 and 19 L



EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

KENT, OHIO | AL-5397 (FAA) | 24025

RNAV (GPS) RWY 19

KENT STATE UNIVERSITY (1G3)

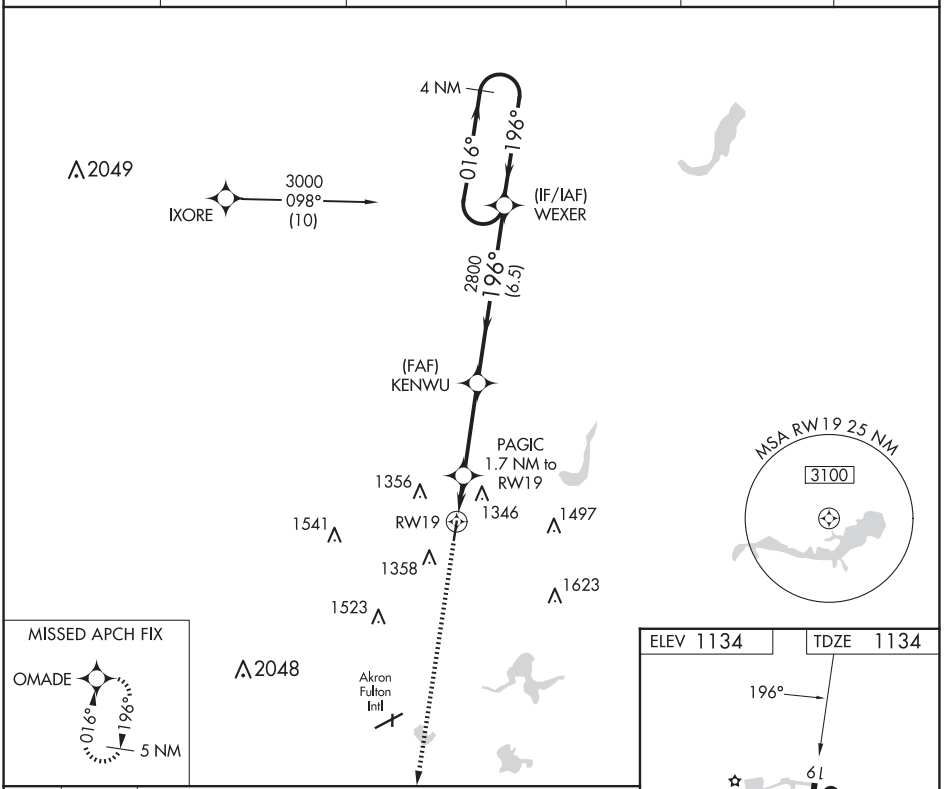
WAAS	APP CRS	Rwy Idg	4000
CH 65701	196°	TDZE	1134
W19A		Apt Elev	1134

RNP APCH - GPS.

T NA Rwy 19 helicopter visibility reduction below ¾ SM NA. When local altimeter setting not received, use Akron Fulton Intl altimeter setting.

MISSED APPROACH: Climb to 3000 direct OMADE and hold.

AWOS-2	AKR ASOS	CLEVELAND APP CON ★	CLNC DEL	UNICOM	
119.15	126.825	125.5 371.875	125.65	122.725 (CTAF)	122.9 L



CATEGORY	A	B	C	D
LPV DA	1443-1 309 (400-1)			NA
LNAV MDA	1580-1 446 (500-1)		1580-1¼ 446 (500-1¼)	NA

MIRL Rwy 1-19 L
REIL Rwys 1 and 19 L

EC-2, 12 JUN 2025 to 07 AUG 2025

EC-2, 12 JUN 2025 to 07 AUG 2025

VOR/DME ACO 114.4 Chan 91	APP CRS 289°	Rwy Idg N/A TDZE N/A Apt Elev 1134

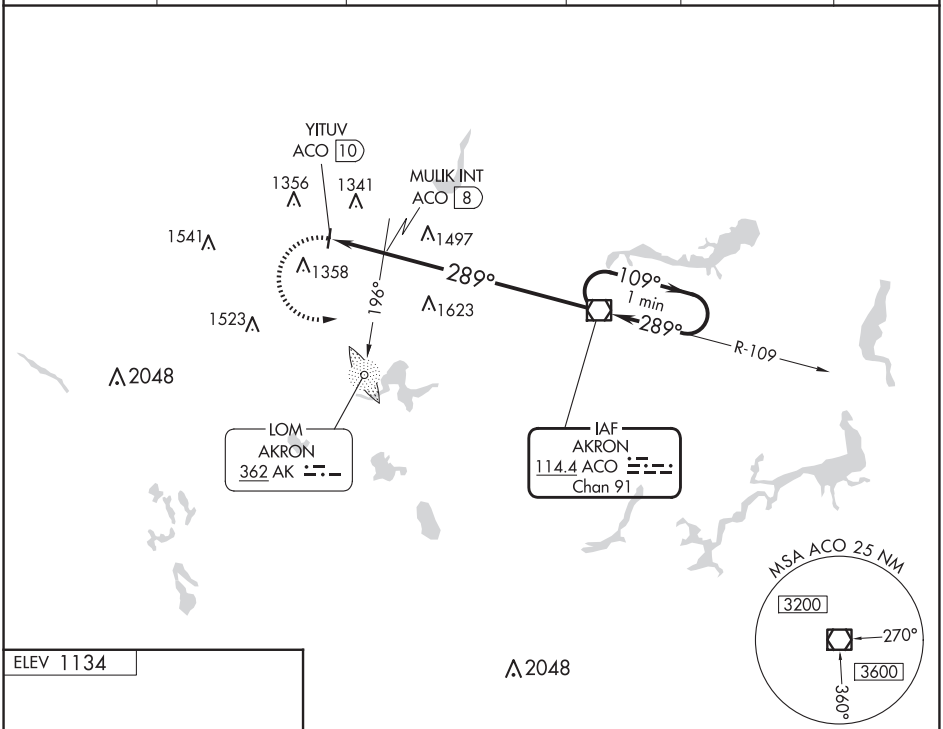
VOR-A

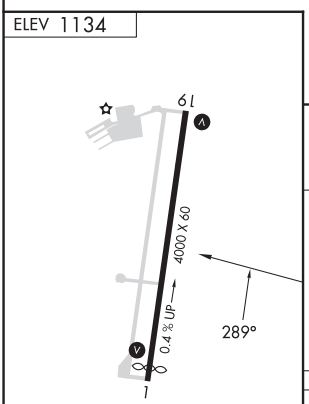
KENT STATE UNIVERSITY (1G3)

When local altimeter setting not received, use Akron Fulton Intl altimeter setting.

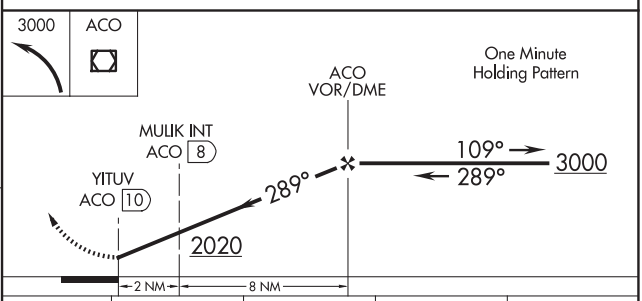
MISSED APPROACH: Climbing left turn to 3000 direct ACO VOR/DME and hold.

AWOS-2	AKR ASOS	CLEVELAND APP CON ★	CLNC DEL	UNICOM	
119.15	126.825	125.5 371.875	125.65	122.725 (CTAF)	122.9 L





MIRL Rwy 1-19 L
REIL Rwys 1 and 19 L



FAF to MAP 10 NM					
Knots	60	90	120	150	180
Min:Sec	10:00	6:40	5:00	4:00	3:20

CATEGORY	A	B	C	D
C CIRCLING	2020-1¼	886 (900-1¼)	2020-2¾ 886 (900-2¾)	NA

MULIK FIX MINIMUMS (ADF OR DME REQUIRED)

C CIRCLING	1760-1	626 (700-1)	1760-1¾ 626 (700-1¾)	NA

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

KENT, OHIO | AL-5397 (FAA) | 24025

NDB RWY 1

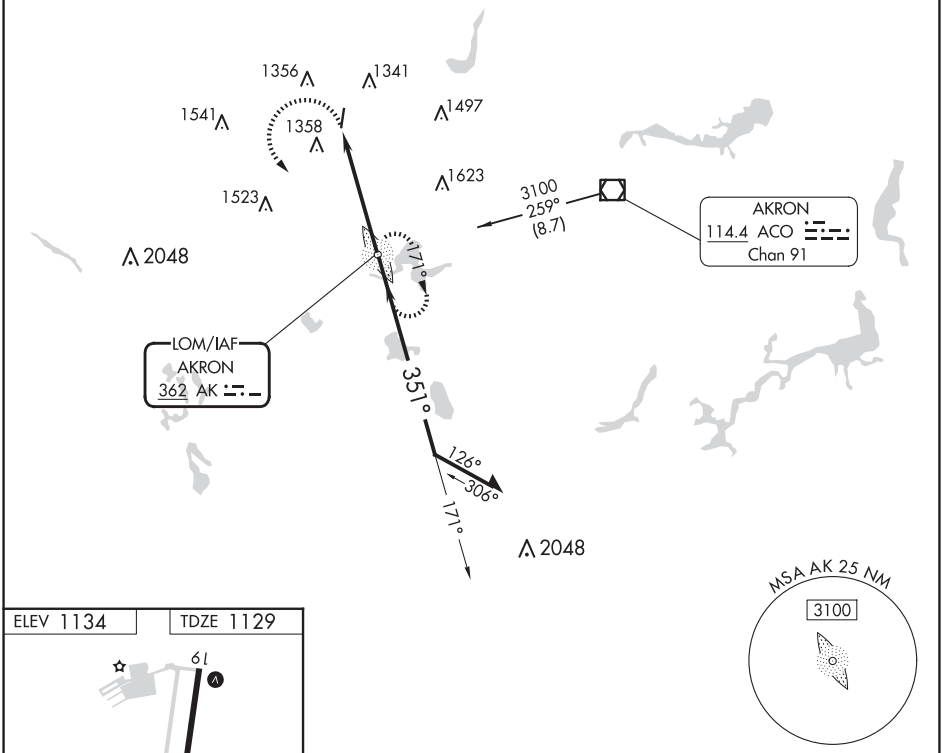
KENT STATE UNIVERSITY (1G3)

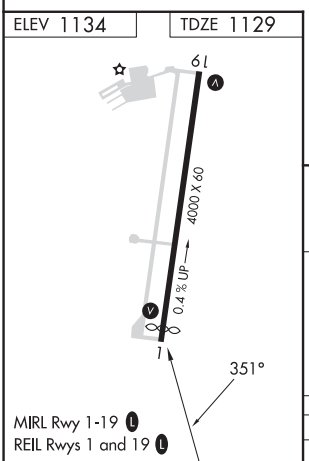
LOM AK	APP CRS	Rwy Idg	3947
362	351°	TDZE	1129
		Apt Elev	1134

When local altimeter setting not received, use Akron Fulton Intl altimeter setting.
NA Rwy 1 helicopter visibility reduction below ¾ SM NA.

MISSED APPROACH: Climbing left turn to 3100 direct AKRON LOM and hold.

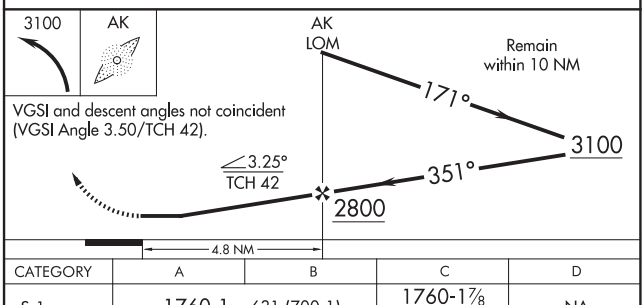
AWOS-2	AKR ASOS	CLEVELAND APP CON★	CLNC DEL	UNICOM	
119.15	126.825	125.5 371.875	125.65	122.725 (CTAF)	122.9 L





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-1	1760-1	631 (700-1)	1760-1⅞ 631 (700-1⅞)	NA
C CIRCLING	1760-1	626 (700-1)	1760-1⅞ 626 (700-1⅞)	NA

KENT, OHIO
Amdt 13D 14JUL22

41°09′N-81°25′W

KENT STATE UNIVERSITY (1G3)

NDB RWY 1

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

RNAV (GPS) RWY 27

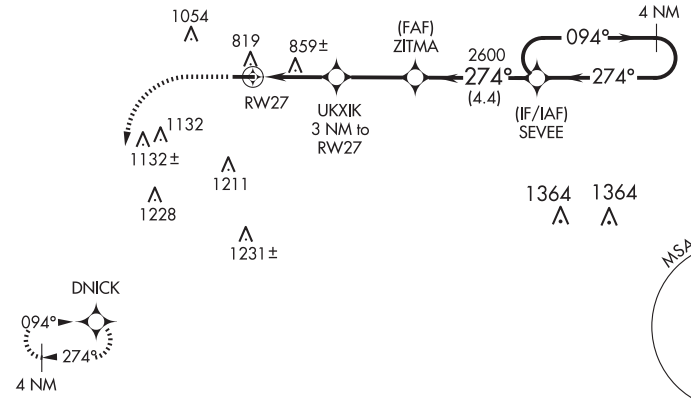
KENTLAND MUNI (5ØI)

WAAS	APP CRS	Rwy Idg	4004
CH 42541	274°	TDZE	699
W27A		Apt Elev	699

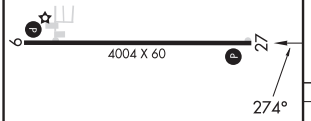
T NA — Circling to Rwy 09 NA at night. Circling NA north of Rwy 27-09. DME/DME RNP-0.3 NA. Baro-VNAV NA. Use Jasper County altimeter setting.

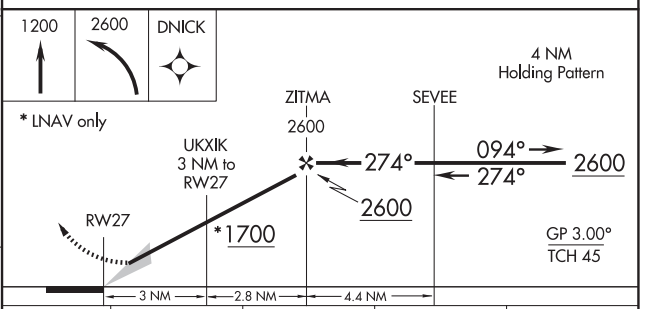
MISSED APPROACH: Climb to 1200 then climbing left turn to 2600 direct DNICK and hold.

RZL AWOS-3P	CHICAGO CENTER	UNICOM
119.175	132.5 284.7	122.8 (CTAF) L



ELEV 699 TDZE 699





CATEGORY	A	B	C	D
LPV DA	986-1 287 (300-1)			NA
LNAV/VNAV DA	1006-1 307 (400-1)			NA
LNAV MDA	1160-1 461 (500-1)		1160-1⅜ 461 (500-1⅜)	NA
C CIRCLING	1160-1 461 (500-1)	1200-1 501 (600-1)	1200-1½ 501 (600-1½)	NA

HIRL Rwy 9-27 L
REIL Rwys 9 and 27 L

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

KENTON, OHIO | AL-6473 (FAA) | 24137

RNAV (GPS) RWY 4

HARDIN COUNTY (I95)

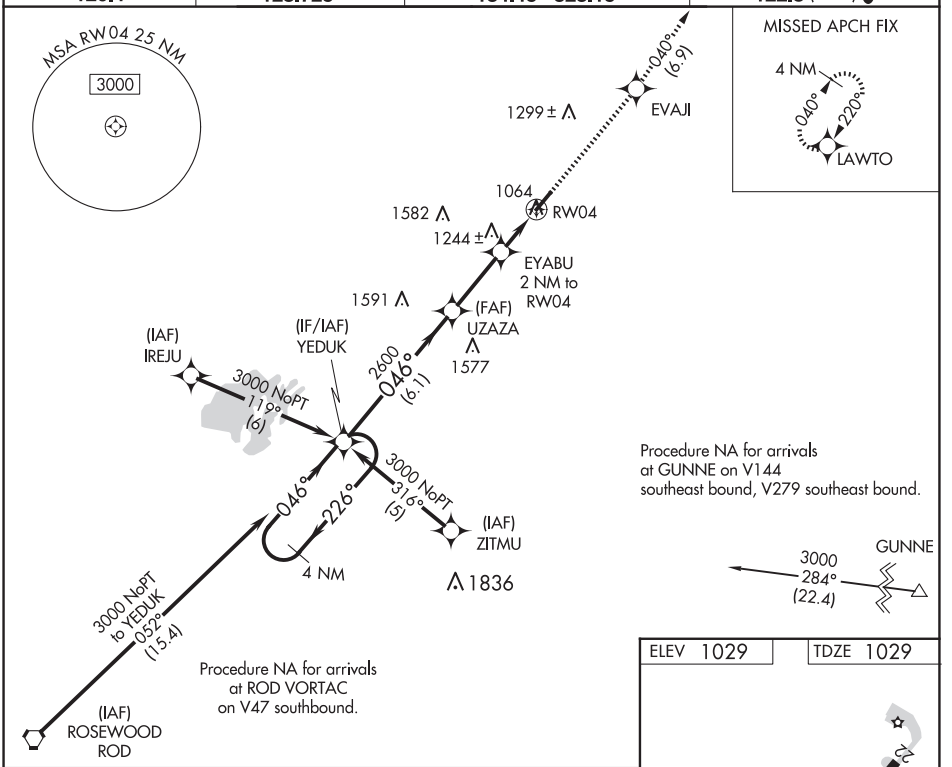
APP CRS	Rwy Idg	4797
046°	TDZE	1029
	Apt Elev	1029

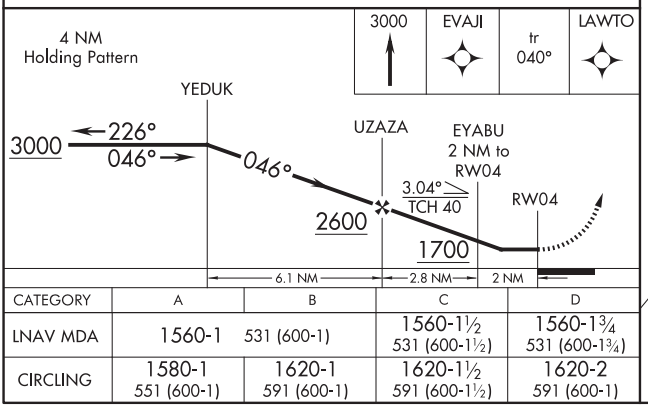
RNP APCH - GPS.

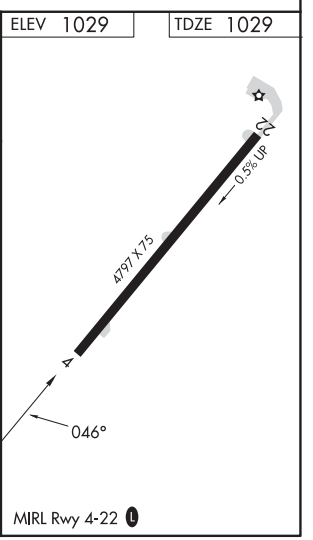
Rwy 4 helicopter visibility reduction below 1 SM NA. Procedure NA at night. Circling NA for Cat D NW of Rwy 4-22. When local altimeter setting not received, use Lima altimeter setting and increase all MDAs 60 feet and LNAV visibility Cat C ¼ SM, and Circling visibility Cat C ¼ SM.

MISSED APPROACH: Climb to 3000 direct EVAJI and on track 040° to LAWTO and hold.

AWOS-3	AOH ASOS	COLUMBUS APP CON	UNICOM
126.4	128.725	134.45 323.15	122.8 (CTAF) L ★







CATEGORY	A	B	C	D
LNAV MDA	1560-1	531 (600-1)	1560-1½ 531 (600-1½)	1560-1¾ 531 (600-1¾)
CIRCLING	1580-1 551 (600-1)	1620-1 591 (600-1)	1620-1½ 591 (600-1½)	1620-2 591 (600-1)

KENTON, OHIO
Orig-B 06OCT22

40°37′N - 83°39′W

HARDIN COUNTY (I95)

RNAV (GPS) RWY 4

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

RNAV (GPS) RWY 22

HARDIN COUNTY (I95)

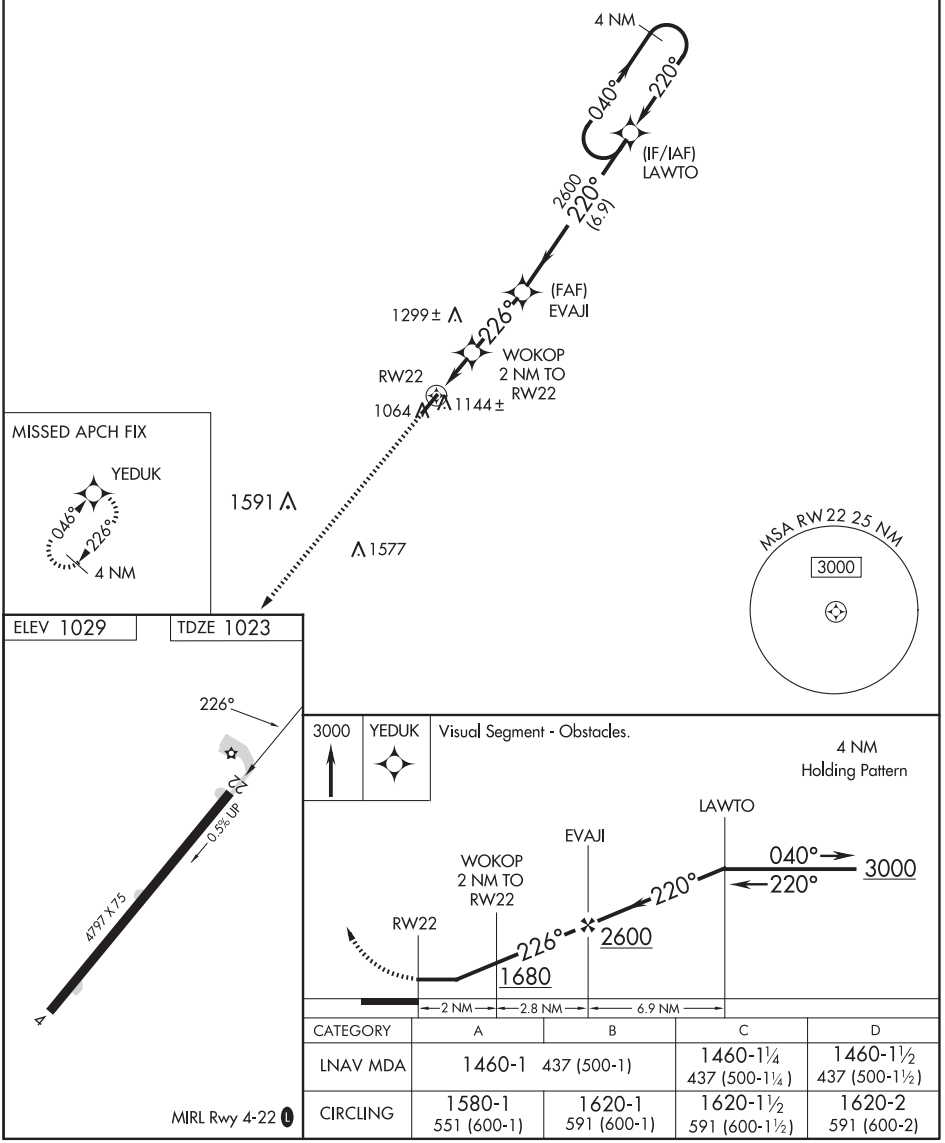
APP CRS	Rwy Idg	4797
226°	TDZE	1023
	Apt Elev	1029

RNP APCH - GPS.

T A NA Rwy 22 helicopter visibility reduction below 1 SM NA. Procedure NA at night. Circling NA for Cat D NW of Rwy 04-22. When local altimeter setting not received, use Lima altimeter setting and increase all MDAs 60 feet and LNAV visibility Cat C 1⅛ SM and Circling visibility Cat C ¼ SM.

MISSED APPROACH: Climb to 3000 direct YEDUK and hold.

AWOS-3	AOH ASOS	COLUMBUS APP CON	UNICOM
126.4	128.725	134.45 323.15	122.8 (CTAF) L ★



CATEGORY	A	B	C	D
LNAV MDA	1460-1	437 (500-1)	1460-1¼ 437 (500-1¼)	1460-1½ 437 (500-1½)
CIRCLING	1580-1 551 (600-1)	1620-1 591 (600-1)	1620-1½ 591 (600-1½)	1620-2 591 (600-2)

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

KNOX, INDIANA | AL-6847 (FAA) | 25163

WAAS	APP CRS	Rwy Idg	5001
CH 87108 W18A	181°	TDZE	684
		Apt Elev	685

RNAV (GPS) RWY 18

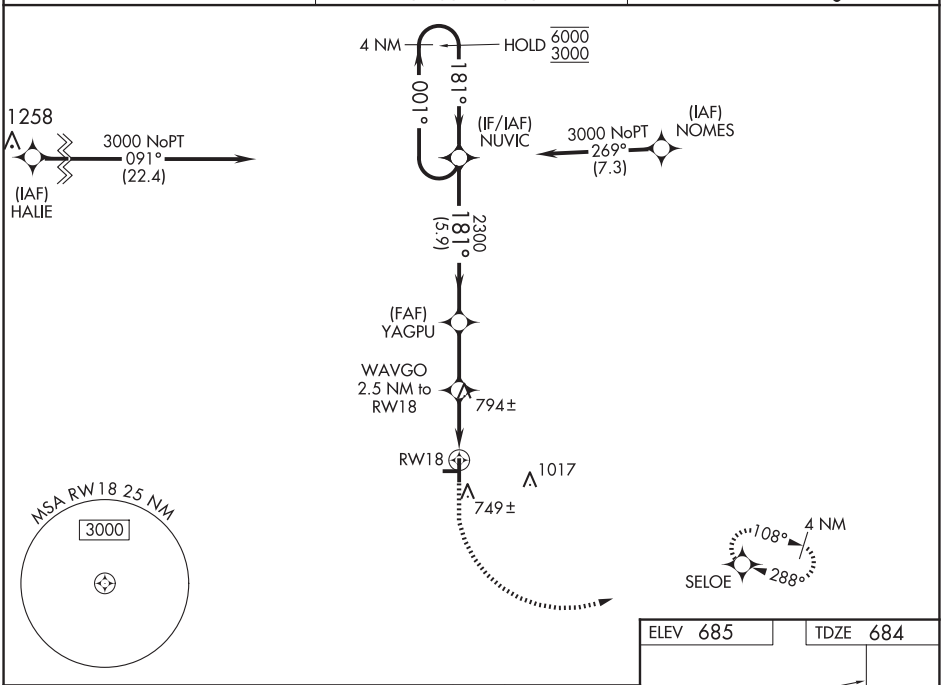
STARKE COUNTY (OXI)

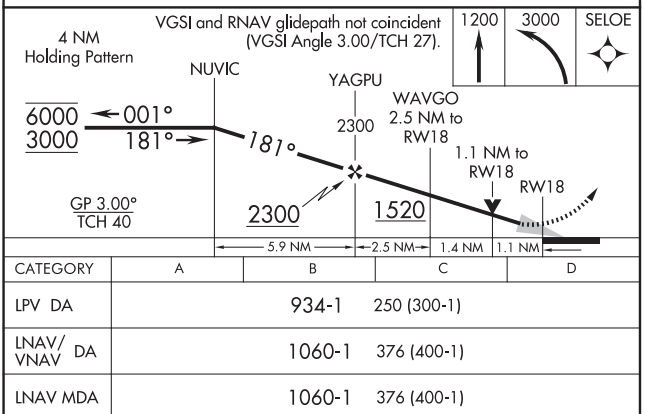
RNP APCH - GPS.

T A Baro-VNAV and VDP NA when using SBN altimeter setting. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -16°C or above 54°C. Circling NA to Rwys 9 and 27. When local altimeter setting not received, use SBN altimeter setting: increase LPV DA to 1010 feet; increase LNAV/VNAV DA to 1136 feet and all visibilities ⅜ SM; increase all MDAs 80 feet and LNAV visibility Cat C and D ⅜ SM, and Circling visibility Cat C and D ¼ SM.

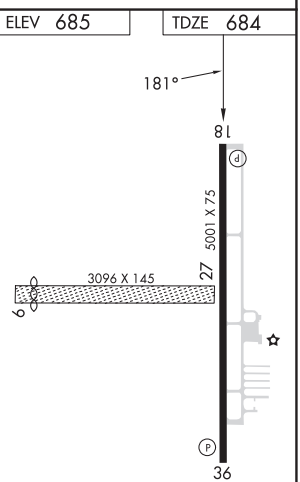
MISSED APPROACH: Climb to 1200 then climbing left turn to 3000 direct SELOE and hold.

AWOS-3	SOUTH BEND APP CON ★	UNICOM
135.775	132.05 257.8	122.8 (CTAF) L





CATEGORY	A	B	C	D
LPV DA		934-1	250 (300-1)	
LNAV/VNAV DA		1060-1	376 (400-1)	
LNAV MDA		1060-1	376 (400-1)	
CIRCLING	1120-1 435 (500-1)	1140-1 455 (500-1)	1380-2 695 (700-2)	1380-2¼ 695 (700-2¼)



MIRL Rwy 18-36
REIL Rwys 18 and 36 L

KNOX, INDIANA
Amdt 1 05SEP24

41°20'N-86°40'W

STARKE COUNTY (OXI)

RNAV (GPS) RWY 18

EC-2, 12 JUN 2025 to 07 AUG 2025

EC-2, 12 JUN 2025 to 07 AUG 2025

ILS or LOC RWY 23

KOKOMO MUNI (OKK)

LOC I-OKK	APP CRS	Rwy Idg	6001
108.9	230°	TDZE	827
		Apt Elev	832

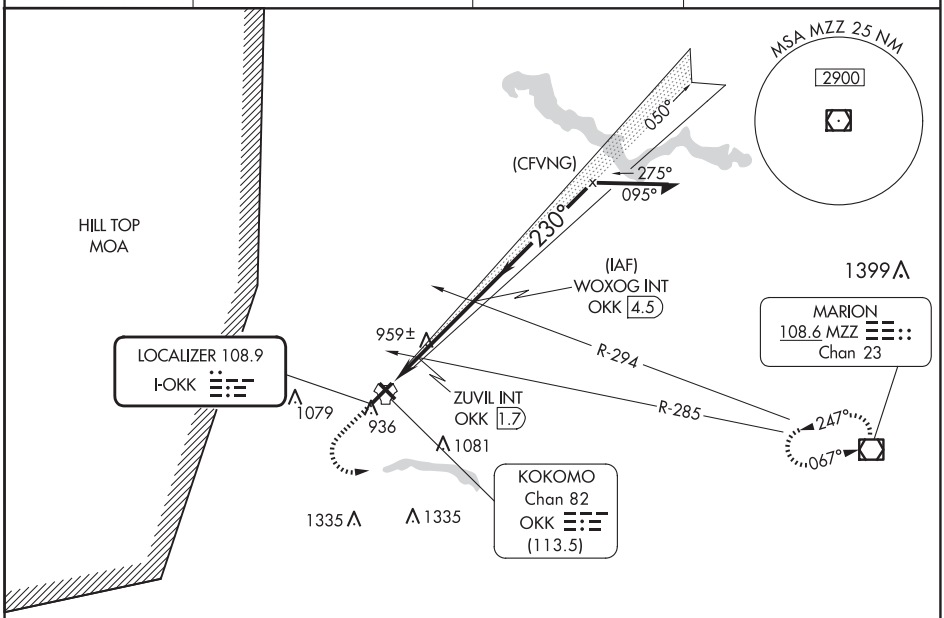
RADAR required for procedure entry.

T NA For inop ALS, increase S-LOC 23 Cat C/D visibility to 1⅜ SM.
* DME from OKK

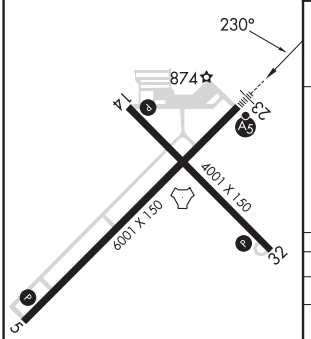
MALSR

MISSED APPROACH: Climb to 1400 then climbing left turn to 2600 direct MZZ VOR/DME and hold.

AWOS-3PT	GRISSOM APP CON*	CLNC DEL	UNICOM
128.675	121.05 338.275	120.0	123.0 (CTAF) L



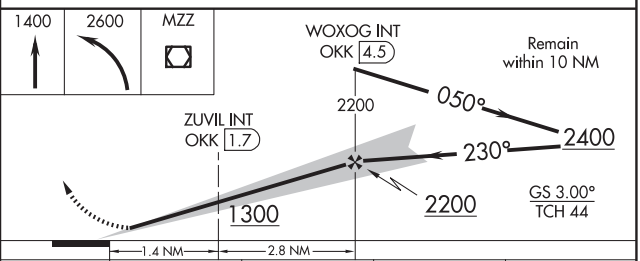
ELEV 832 TDZE 827



HIRL Rwy 5-23 L
MIRL Rwy 14-32 L
REIL Rwys 5, 14, and 32 L

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 23	1027-½ 200 (200-½)			
S-LOC 23	1300-½ 473 (500-½)		1300-1 473 (500-1)	
C CIRCLING	1300-1 468 (500-1)		1400-1½ 568 (600-1½)	1420-2 588 (600-2)
ZUVIL FIX MINIMUMS* (DUAL VOR RECEIVERS or DME REQUIRED)				
S-LOC 23	1220-½ 393 (400-½)		1220-⅝ 393 (400-⅝)	
C CIRCLING	1260-1 428 (500-1)	1300-1 468 (500-1)	1400-1½ 568 (600-1½)	1420-2 588 (600-2)

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

KOKOMO, INDIANA | AL-711 (FAA) | 25107

RNAV (GPS) RWY 5

KOKOMO MUNI (OKK)

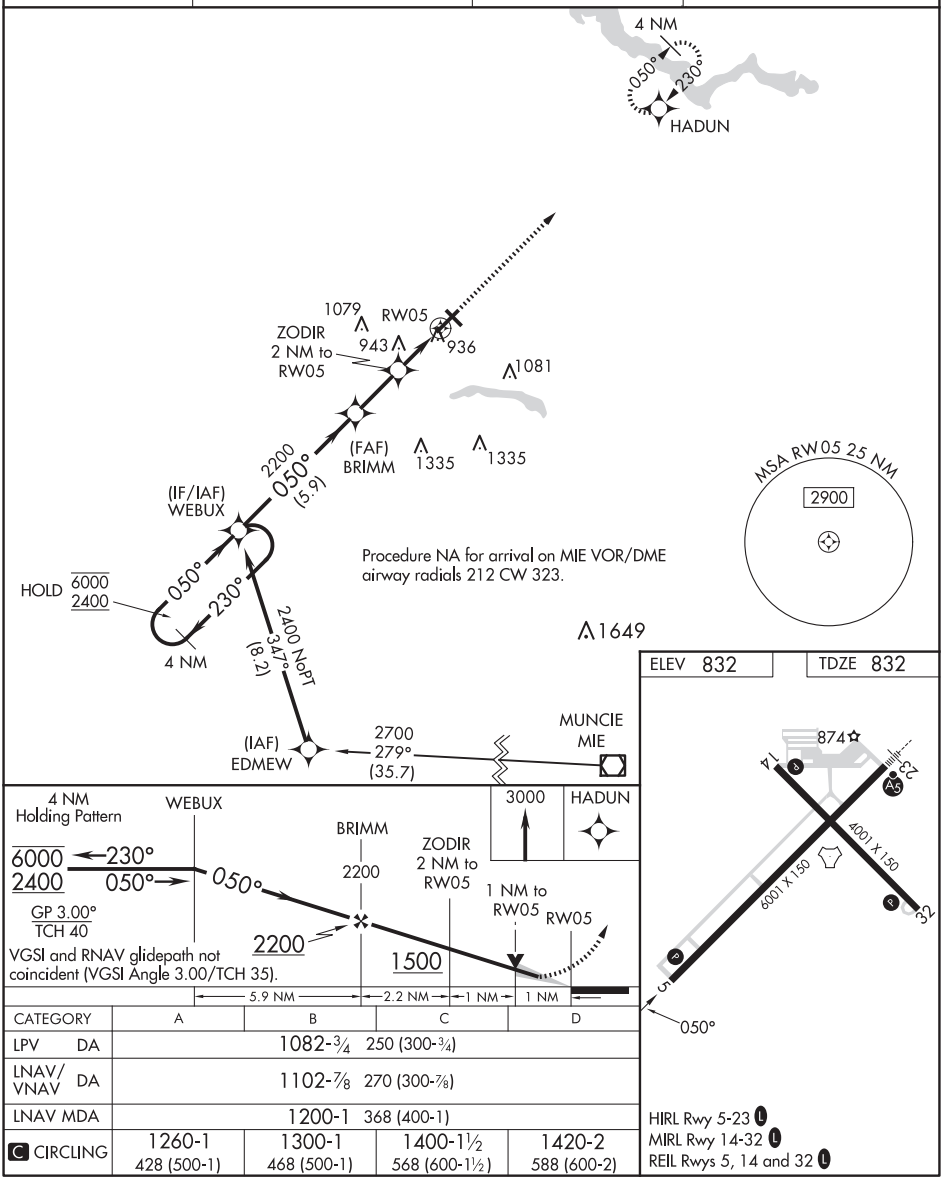
WAAS	APP CRS	Rwy Idg	6001
CH 78139	050°	TDZE	832
W05A		Apt Elev	832

RNP APCH - GPS.

For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -16°C or above 54°C.

MISSED APPROACH: Climb to 3000 direct HADUN and hold.

AWOS-3PT	GRISSOM APP CON★	CLNC DEL	UNICOM
128.675	121.05 338.275	120.0	123.0 (CTAF) L



CATEGORY	A	B	C	D
LPV DA	1082-¾ 250 (300-¾)			
LNAV/VNAV DA	1102-⅞ 270 (300-⅞)			
LNAV MDA	1200-1 368 (400-1)			
C CIRCLING	1260-1 428 (500-1)	1300-1 468 (500-1)	1400-1½ 568 (600-1½)	1420-2 588 (600-2)

HIRL Rwy 5-23 L
MIRL Rwy 14-32 L
REIL Rwys 5, 14 and 32 L

KOKOMO, INDIANA
Amdt 1A 19MAY22

40°32'N-86°04'W

KOKOMO MUNI (OKK)

RNAV (GPS) RWY 5

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

RNAV (GPS) RWY 14

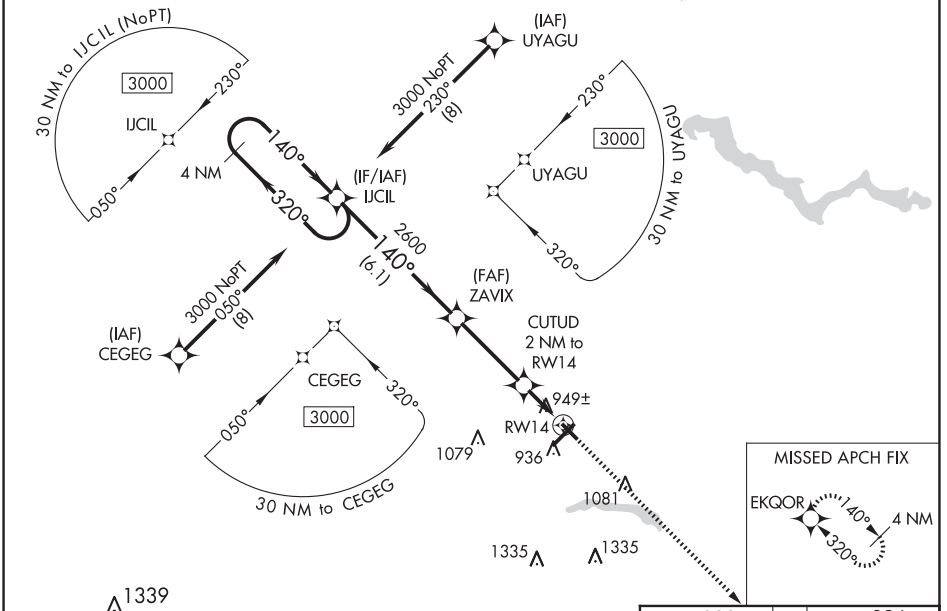
KOKOMO MUNI (OKK)

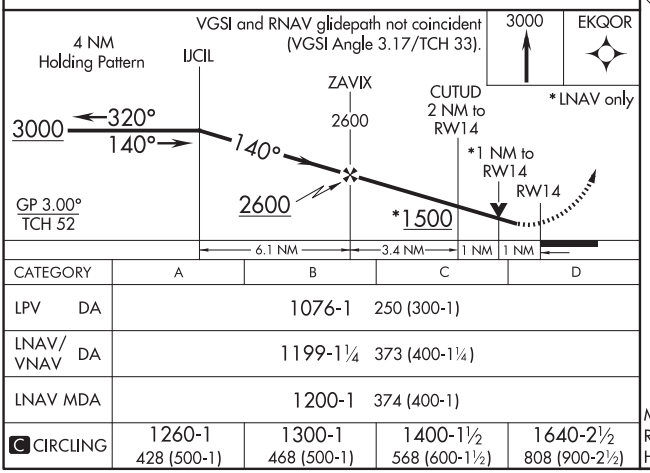
WAAS	APP CRS	Rwy Idg	4001
CH 78134	140°	TDZE	826
W14A		Apt Elev	832

T
A 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. Helicopter visibility reduction below ¾ SM NA.

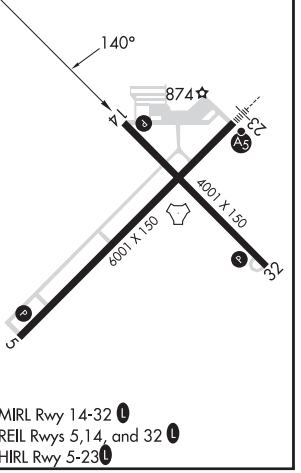
MISSED APPROACH: Climb to 3000 direct EKQOR and hold.

AWOS-3PT	GRISSOM APP CON★	CLNC DEL	UNICOM
128.675	121.05 338.275	120.0	123.0 (CTAF) L





CATEGORY	A	B	C	D
LPV DA	1076-1 250 (300-1)			
LNAV/VNAV DA	1199-1¼ 373 (400-1¼)			
LNAV MDA	1200-1 374 (400-1)			
C CIRCLING	1260-1 428 (500-1)	1300-1 468 (500-1)	1400-1½ 568 (600-1½)	1640-2½ 808 (900-2½)



EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

KOKOMO, INDIANA | AL-711 (FAA) | 25107

RNAV (GPS) RWY 23

KOKOMO MUNI (OKK)

WAAS	APP CRS	Rwy Idg	6001
CH 40119	230°	TDZE	827
W23A		Apt Elev	832

RNP APCH - GPS.

For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -16°C or above 54°C.

MALSR

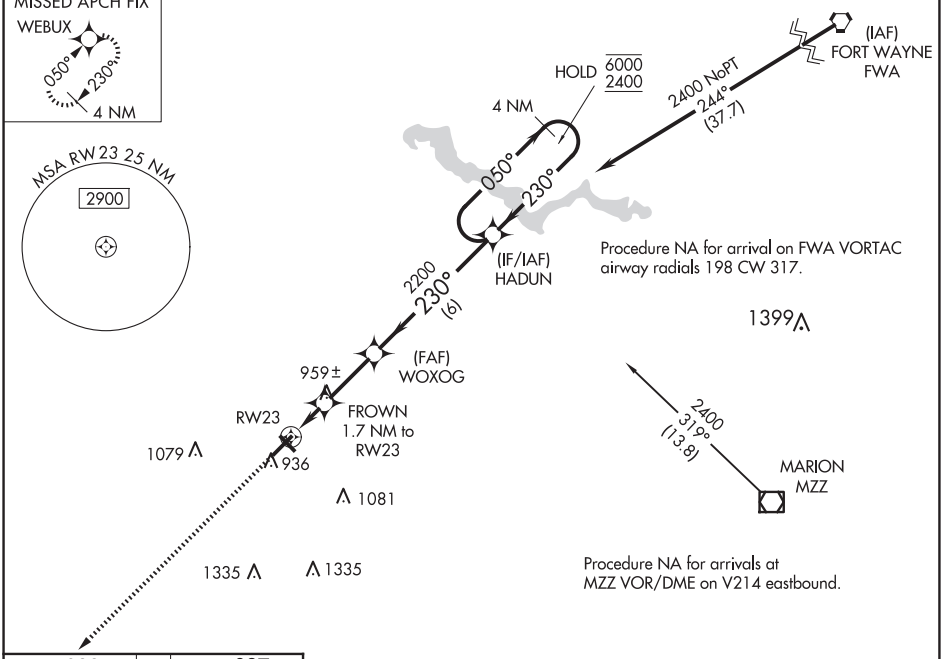
MISSED APPROACH: Climb to 3000 direct WEBUX and hold.

AWOS-3PT	GRISSOM APP CON ★	CLNC DEL	UNICOM
128.675	121.05 338.275	120.0	123.0 (CTAF) L

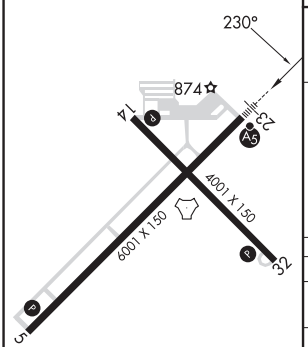
MISSED APCH FIX

WEBUX

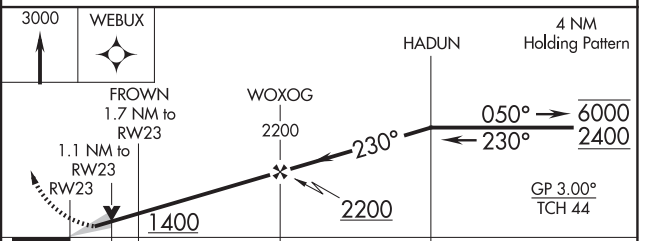
050° 230° 4 NM



ELEV 832 | TDZE 827



MIRL Rwy 14-32 L
REIL Rwys 5, 14 and 32 L
HIRL Rwy 5-23 L



CATEGORY	A	B	C	D
LPV DA	1027-½ 200 (200-½)			
LNAV/VNAV DA	1224-⅝ 397 (400-⅝)			
LNAV MDA	1220-½ 393 (400-½)		1220-⅝ 393 (400-⅝)	
C CIRCLING	1260-1 428 (500-1)	1300-1 468 (500-1)	1400-1½ 568 (600-1½)	1420-2 588 (600-2)

KOKOMO, INDIANA
Amdt 1D 19MAY22

40°32′N - 86°04′W

KOKOMO MUNI (OKK)

RNAV (GPS) RWY 23

EC-2, 12 JUN 2025 to 07 AUG 2025

WAAS	APP CRS	Rwy Idg	4001
CH 69534	320°	TDZE	826
W32A		Apt Elev	832

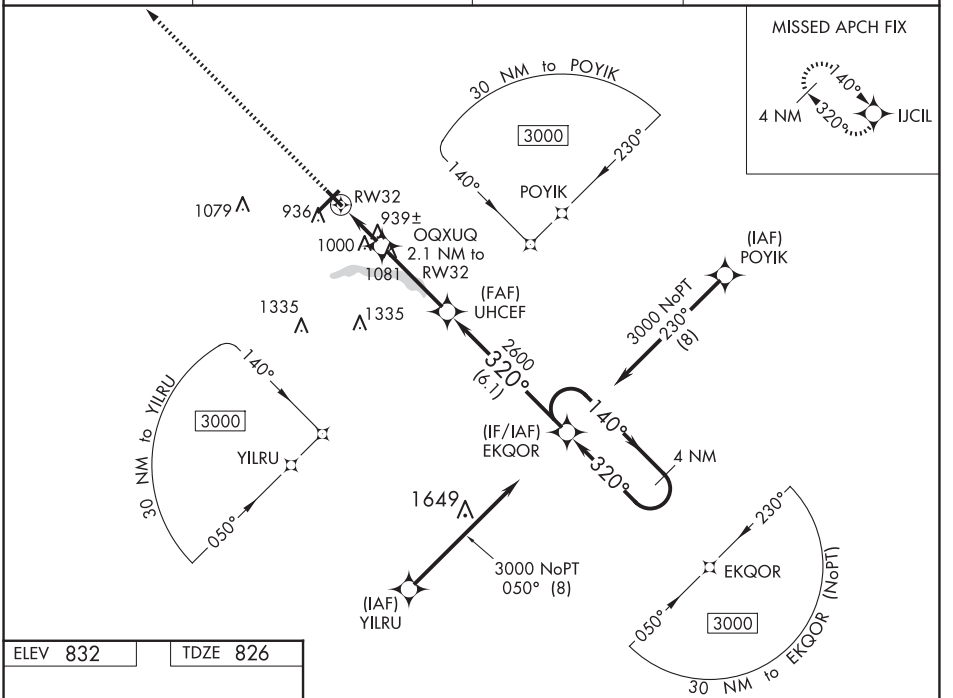
RNAV (GPS) RWY 32

KOKOMO MUNI (OKK)

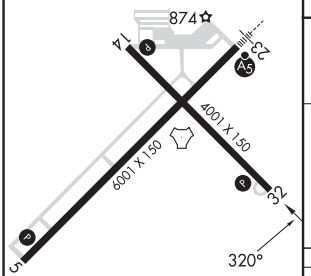
DME/DME RNP-0.3 NA.
Helicopter visibility reduction below ¾ SM NA.

MISSED APPROACH: Climb to 3000 direct IJCIL and hold.

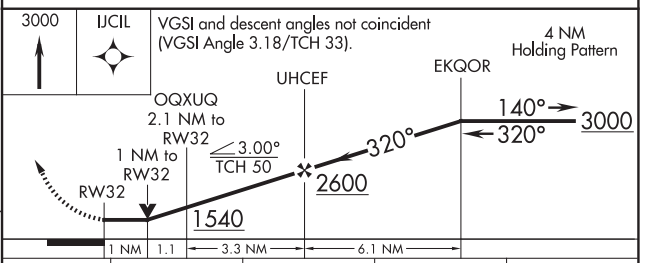
AWOS-3PT	GRISSOM APP CON ★	CLNC DEL	UNICOM
128.675	121.05 338.275	120.0	123.0 (CTAF) L



ELEV 832 TDZE 826



MIRL Rwy 14-32 L
REIL Rwys 5, 14, and 32 L
HIRL Rwy 5-23 L



CATEGORY	A	B	C	D
LP MDA	1200-1 374 (400-1)			
LNAV MDA	1260-1 434 (500-1)		1260-1¼ 434 (500-1¼)	
C CIRCLING	1260-1 428 (500-1)	1300-1 468 (500-1)	1400-1½ 568 (600-1½)	1640-2½ 808 (900-2½)

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

LA PORTE, INDIANA | AL-6248 (FAA) | 25107

WAAS	APP CRS	Rwy Idg	5000
CH 77834	023°	TDZE	805
W02A		Apt Elev	812

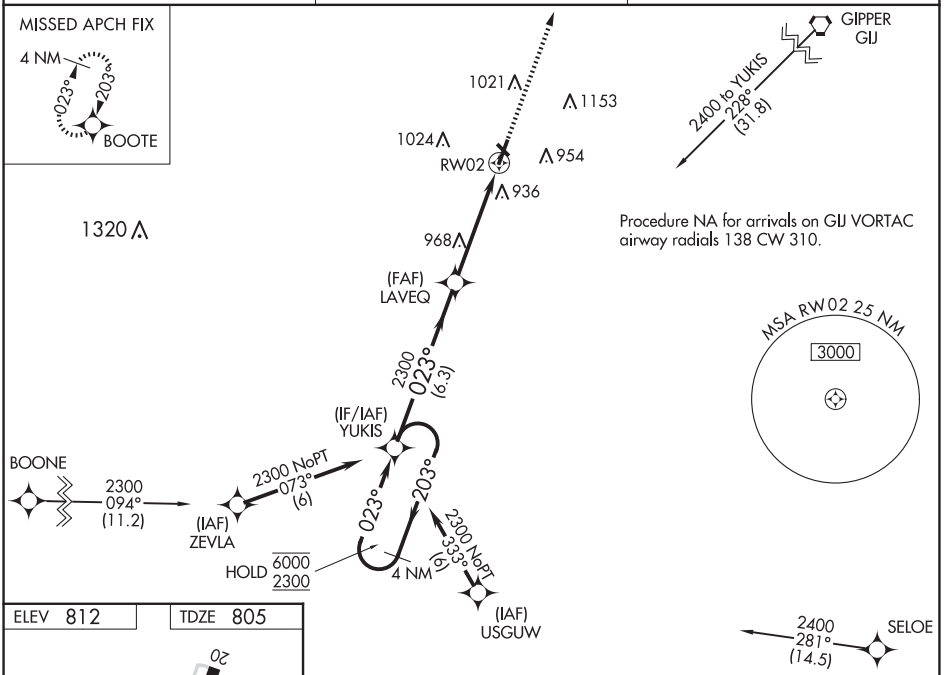
RNAV (GPS) RWY 2
LA PORTE MUNI (PPO)

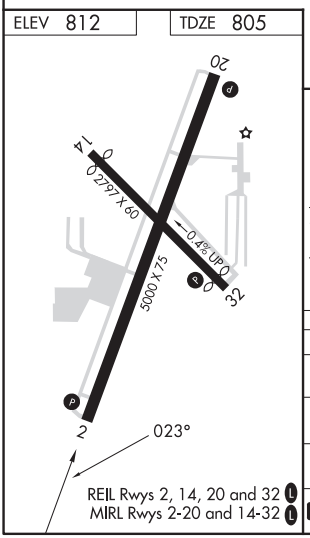
RNP APCH - GPS.

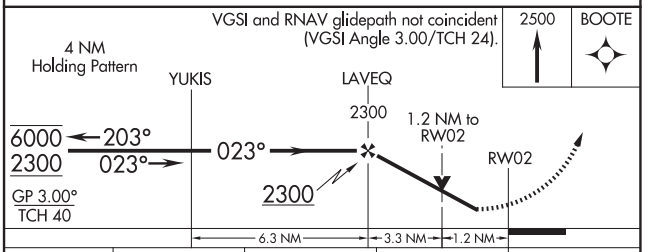
T A Circling Rwy 14, 32 NA at night. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -16°C or above 54°C. Rwy 2 helicopter visibility reduction below ¾ SM NA. Baro-VNAV and VDP NA when using SBN altimeter setting. When local altimeter setting not recieved, use SBN altimeter setting: increase LPV DA to 1151 feet and all visibilities ⅛ SM; increase LNAV/VNAV DA to 1274 feet and all visibilities ¼ SM; increase all MDAs 60 feet and LNAV visibility Cat C and D ¼ SM.

MISSED APPROACH: Climb to 2500 direct BOOTE and hold.

AWOS-3PT	SOUTH BEND APP CON ★	UNICOM
119.825	132.05 257.8	123.0 (CTAF) L







CATEGORY		A	B	C	D
LPV	DA	1098-⅞ 293 (300-⅞)			
LNAV/VNAV	DA	1221-1⅛ 416 (500-1⅛)			
LNAV	MDA	1220-1 415 (500-1)		1220-1⅛ 415 (500-1⅛)	
C CIRCLING		1320-1 508 (600-1)		1560-2¼ 748 (800-2¼)	1560-2½ 748 (800-2½)

LA PORTE, INDIANA
Amdt 1F 17APR25

41°34'N-86°44'W

LA PORTE MUNI (PPO)
RNAV (GPS) RWY 2

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

RNAV (GPS) RWY 20

LA PORTE MUNI (PPO)

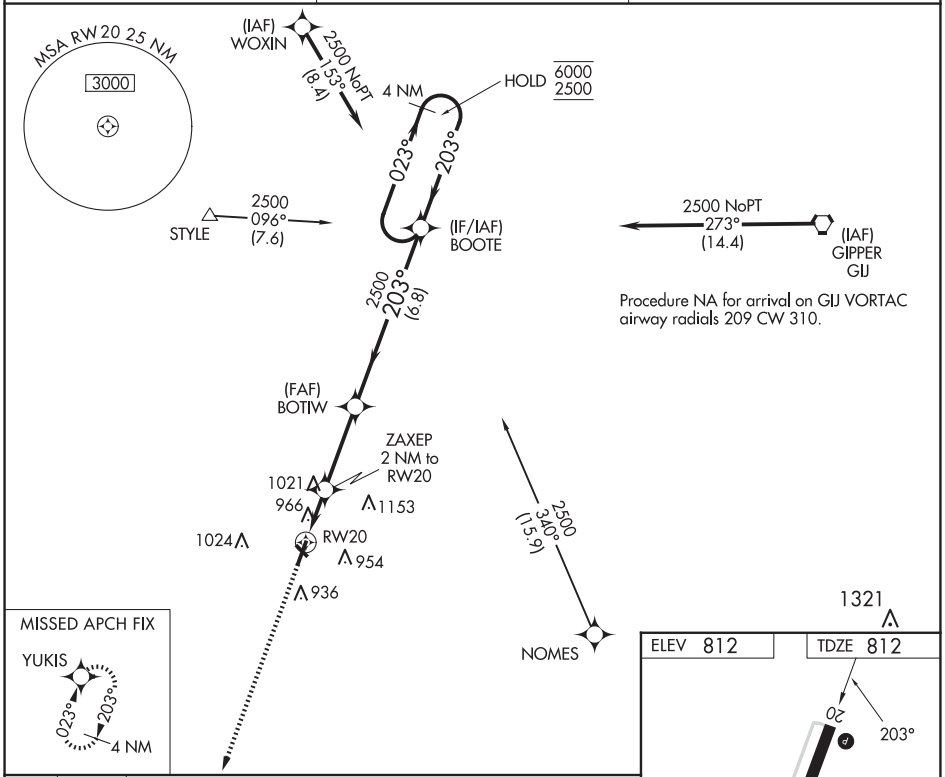
WAAS CH 87034 W20A	APP CRS 203°	Rwy Ldg 5000 / TDZE 812 / Apt Elev 812

RNP APCH - GPS.

Circling Rwy 14, 32 NA at night. Rwy 20 helicopter visibility reduction below ¾ SM NA. VDP NA when using SBN altimeter setting. When local altimeter setting not received, use SBN altimeter setting: increase all MDAs 60 feet; LNAV visibility Cat C and D 1⅛ SM and LP visibility Cat C and D 1¼ SM.

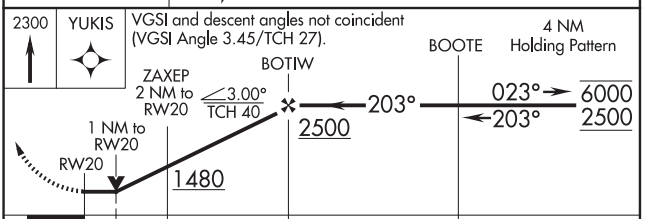
MISSED APPROACH: Climb to 2300 direct YUKIS and hold.

AWOS-3PT	SOUTH BEND APP CON ★	UNICOM
119.825	132.05 257.8	123.0 (CTAF) L



REIL Rwys 2, 14, 20 and 32 L

MIRL Rwys 2-20 and 14-32 L



CATEGORY	A	B	C	D
LP MDA	1220-1	408 (500-1)	1220-1⅛	408 (500-1⅛)
LNAV MDA	1280-1	468 (500-1)	1280-1⅜	468 (500-1⅜)
C CIRCLING	1320-1	508 (600-1)	1560-2¼ 748 (800-2¼)	1560-2½ 748 (800-2½)

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

LAFAYETTE, INDIANA | AL-220 (FAA) | 24305

ILS or LOC RWY 10

PURDUE UNIVERSITY (LAF)

LOC I-LAF	APP CRS	Rwy Idg	6600
110.3	100°	TDZE	601
		Apt Elev	606

T A — Circling Rwy 23 NA at night.

MALSR

MISSED APPROACH: Climb to 1600 then climbing left turn to 2400 on heading 360° and BVT VORTAC R-120 to BVT VORTAC and hold.

ATIS	GRISSOM APP CON ★	LAFAYETTE TOWER ★	GND CON	UNICOM
127.75	123.85 291.675	119.6 (CTAF) L 343.625	121.9 343.625	122.95

ALTERNATE MISSED APCH FIX (ADF required)

280° 100°

EARLE

401 LA

1364 1364

R-323 143° 323°

BOILER

115.1 BVT

Chan 98

2300 (7.8) 173°

R-120

(IAF) VAGES

145° 325°

280° 100°

1002 960 798± 957 791 1060 915 936

2300 NoPT to LOM 150° hdg (1.5) and LOC (7.7)

LOM/IAF EARLE 401 LA

2300 024° (6.7)

POTES

LOCALIZER 110.3 I-LAF

MSA LA 25 NM 2600

ELEV 606 D TDZE 601

Remain within 10 NM

LA LOM

280° 100°

2300 2165 2300

GS 3.00° TCH 53

4.7 NM

1600	2400	BVT	BVT
	hdg 360°	R-120	

VGSI and ILS glidepath not coincident (VGSI Angle 3.00/TCH 50).

TWR 683 690

10 100° 6600 X 150 4225 X 100 0.5% UP 23 28

CATEGORY	A	B	C	D
S-ILS 10	801-½ 200 (200-½)			
S-LOC 10	1060-½ 459 (500-½)		1060-¾ 459 (500-¾)	1060-1 459 (500-1)
CIRCLING	1160-1 554 (600-1)		1320-2 714 (800-2)	1420-2¾ 814 (900-2¾)

HIRL Rwy 10-28 L

REIL Rwys 5, 23 and 28 L

MIRL Rwy 5-23 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

EC-2, 12 JUN 2025 to 07 AUG 2025

EC-2, 12 JUN 2025 to 07 AUG 2025

WAAS Ch **45902** **W10A**	APP CRS **100°**	Rwy Idg **6600** TDZE **601** Apt Elev **606**

RNAV (GPS) RWY 10

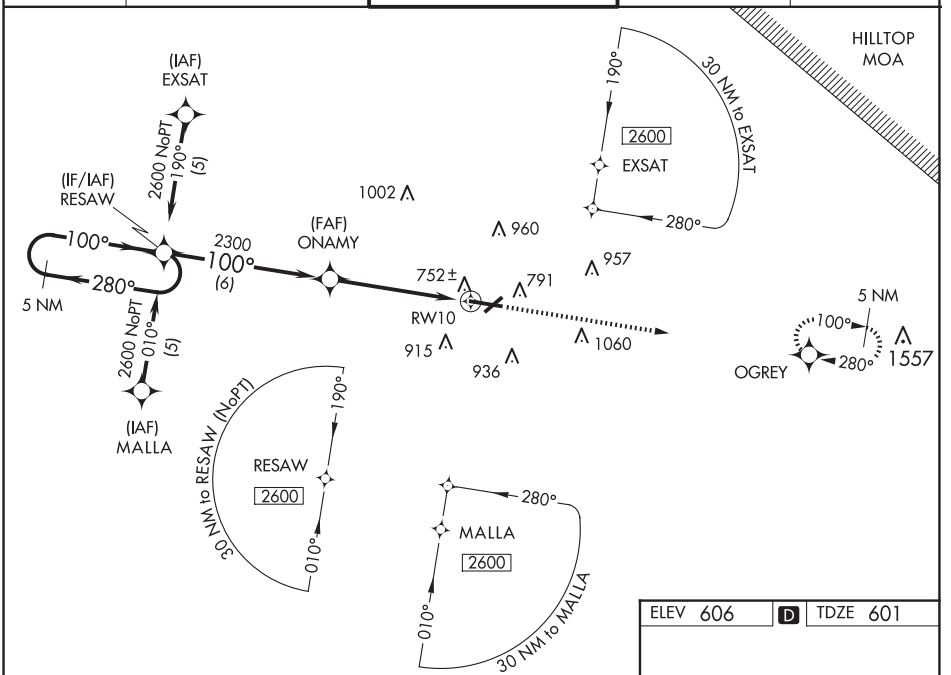
PURDUE UNIVERSITY (LAF)

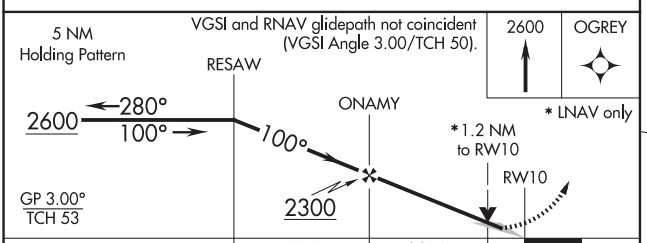
When local altimeter setting not received, use Vermilion Rgnl altimeter setting and increase LPV DA to 966 feet and visibility all Cats ⅛ SM; increase LNAV/VNAV DA to 1172 feet; increase all MDAs 100 feet and LNAV Cats C/D visibility ¼ SM, increase Circling Cat C visibility ½ SM and Cat D visibility ¼ SM. Baro-VNAV NA when using Vermilion Rgnl altimeter setting. VDP NA when using Vermilion Rgnl altimeter setting. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -16°C (4°F) or above 47°C (116°F). For inoperative MALSR, increase LPV all Cats visibility to 1 mile. DME/DME RNP-0.3 NA. Circling Rwy 23 NA at night.

MALSR

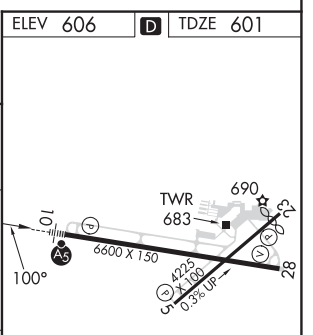
MISSED APPROACH: Climb to 2600 direct OGREY and hold.

ATIS	GRISSOM APP CON ★	LAFAYETTE TOWER ★	GND CON	UNICOM
127.75	**123.85 291.675**	**119.6** (CTAF) **343.625**	**121.9 343.625**	**122.95**





CATEGORY	A	B	C	D
LPV DA	877-½ 276 (300-½)			
LNAV/ VNAV DA	1083-1¼ 482 (500-1¼)			
LNAV MDA	1040-½ 439 (500-½)		1040-¾ 439 (500-¾)	1040-1 439 (500-1)
CIRCLING	1160-1 554 (600-1)		1320-2 714 (800-2)	1420-2¾ 814 (900-2¾)



HIRL Rwy 10-28 L
REIL Rwys 5, 23 and 28 L
MIRL Rwy 5-23 L

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

LAFAYETTE, INDIANA | AL-220 (FAA) | 24305

WAAS	APP CRS		
CH 82103	280°	Rwy Idg	6600
W28A		TDZE	598
		Apt Elev	606

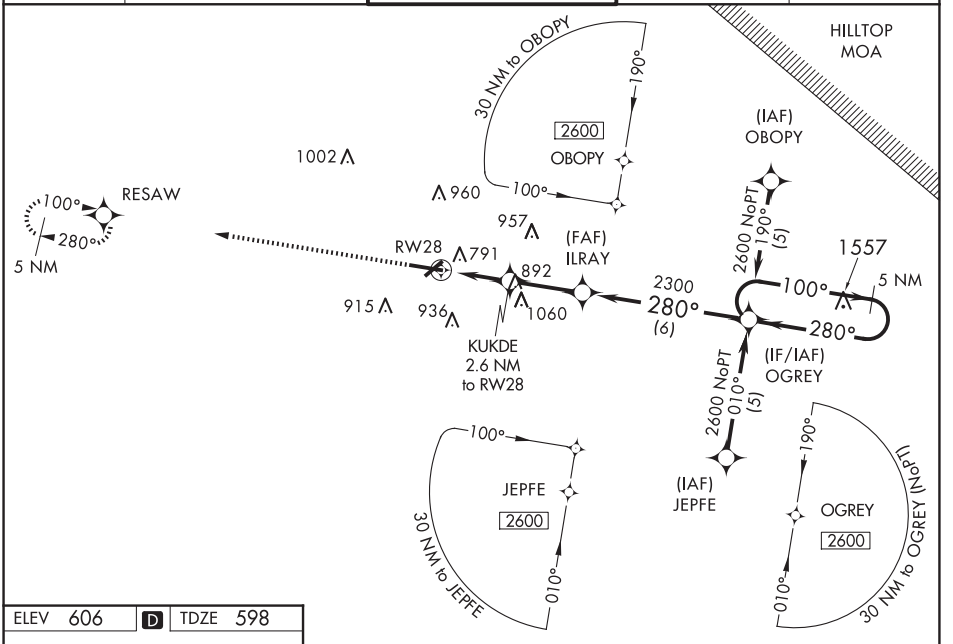
RNAV (GPS) RWY 28

PURDUE UNIVERSITY (LAF)

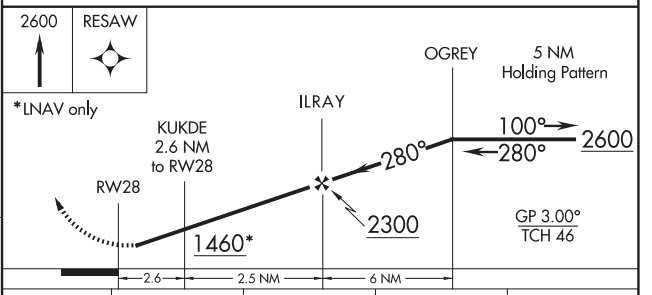
When local altimeter setting not received, use Vermilion Rgnl altimeter setting: increase LPV DA to 945 feet; increase LNAV/VNAV DA to 1214 feet; increase all MDAs 100 feet and LNAV Cats C/D visibility ¼ SM and Circling Cat C visibility ½ SM, Cat D visibility ¼ SM. Baro-VNAV NA when using Vermilion Rgnl altimeter setting. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -16°C (4°F) or above 47°C (116°F). DME/DME RNP-0.3 NA. Rwy 28 helicopter visibility reduction below ¾ SM NA. Circling Rwy 23 NA at night.

MISSED APPROACH: Climb to 2600 direct RESAW and hold.

ATIS	GRISSOM APP CON ★	LAFAYETTE TOWER ★	GND CON	UNICOM
127.75	123.85 291.675	119.6 (CTAF) L 343.625	121.9 343.625	122.95



ELEV 606 | D | TDZE 598



CATEGORY	A	B	C	D
LPV DA	856-1 258 (300-1)			
LNAV/VNAV DA	1125-1¾ 527 (600-1¾)			
LNAV MDA	1060-1 462 (500-1)		1060-1⅜ 462 (500-1⅜)	
CIRCLING	1160-1 554 (600-1)		1320-2 714 (800-2)	1420-2¾ 814 (900-2¾)

HIRL Rwy 10-28 L
REIL Rwys 5, 23 and 28 L
MIRL Rwy 5-23 L

LAFAYETTE, INDIANA
Amdt 1B 09SEP21

40°25'N-86°56'W

PURDUE UNIVERSITY (LAF)
RNAV (GPS) RWY 28

EC-2, 12 JUN 2025 to 07 AUG 2025

EC-2, 12 JUN 2025 to 07 AUG 2025

VORTAC BVT 115.1 Chan 98	APP CRS 143°	Rwy Idg N/A TDZE N/A Apt Elev 606

VOR-A

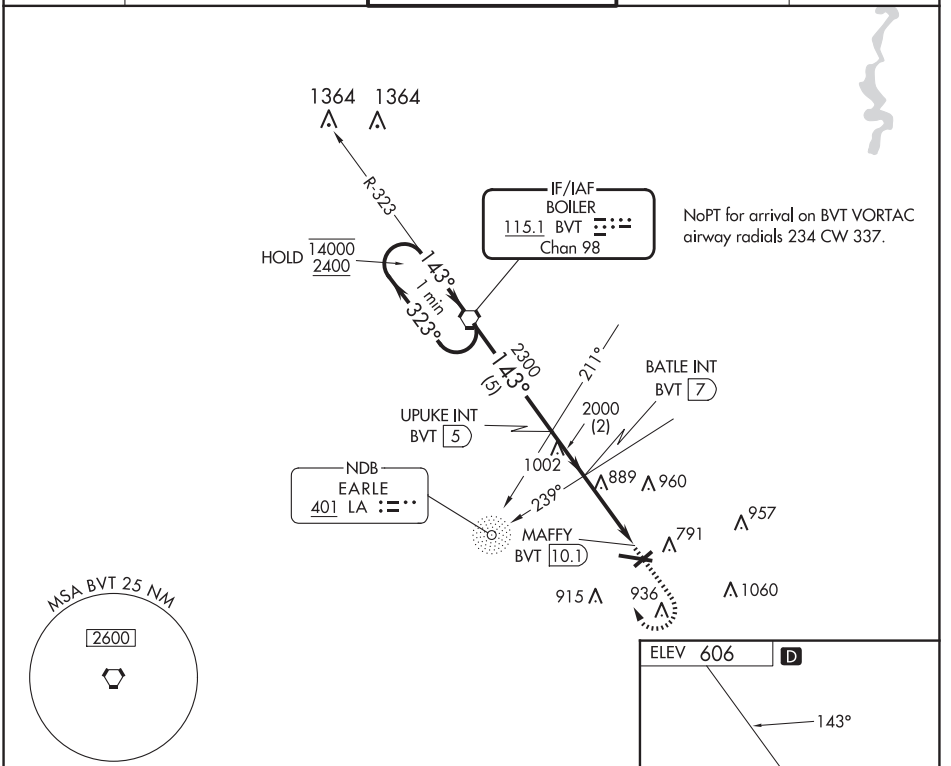
PURDUE UNIVERSITY (LAF)

ADF or DME required.

Circling Rwy 23 NA at night.
When local altimeter setting not received, use Vermilion Rgnl altimeter setting and increase all MDAs 100 feet and Cat C and D visibility ½ SM.

MISSED APPROACH: Climb to 2300 then climbing right turn to 2400 direct BVT VORTAC and hold.

ATIS	GRISSOM APP CON ★	LAFAYETTE TOWER ★	GND CON	UNICOM
127.75	123.85 291.675	119.6 (CTAF) L 343.625	121.9 343.625	122.95



HIRL Rwy 10-28 L
REIL Rwys 5, 23 and 28 L
MIRL Rwy 5-23 L

CATEGORY	A	B	C	D
CIRCLING	1160-1 554 (600-1)		1320-2 714 (800-2)	1420-2¾ 814 (900-2¾)

FAF to MAP 3.1 NM					
Knots	60	90	120	150	180
Min:Sec	3:06	2:04	1:33	1:14	1:02

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

25107

AIRPORT DIAGRAM

AL-220 (FAA)

PURDUE UNIVERSITY (LAF)
LAFAYETTE, INDIANA

EC-2, 12 JUN 2025 to 07 AUG 2025

EC-2, 12 JUN 2025 to 07 AUG 2025

AIRPORT DIAGRAM
25107

LAFAYETTE, INDIANA
PURDUE UNIVERSITY (LAF)

WAAS CH 97701 W10A	APP CRS 100°	Rwy Ldg 5003 TDZE 857 Apt Elev 868

RNAV (GPS) RWY 10

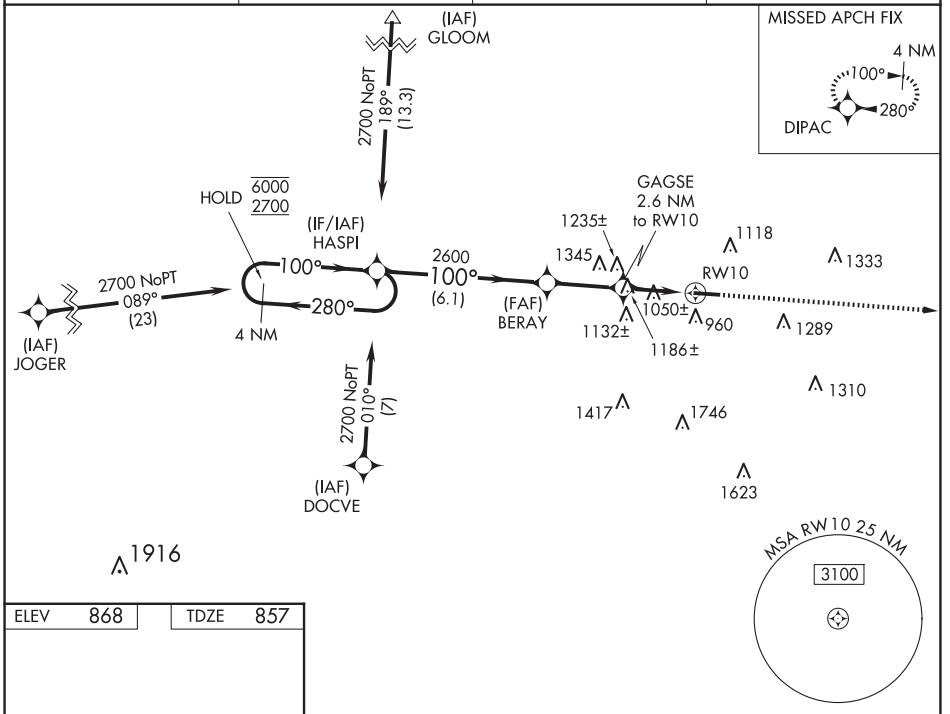
FAIRFIELD COUNTY (LHQ)

RNP APCH - GPS.

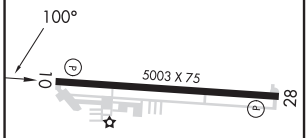
Rwy 10 helicopter visibility reduction below ¾ SM NA. When local altimeter setting not received, use Rickenbacker Intl altimeter setting and increase all MDAs 60 feet and LNAV visibility Cat C ⅛ SM, and Circling visibility Cat C ¼ SM. When Circling Rwy 28 at night, operational VGSI required, remain on or above VGSI glidepath until threshold.

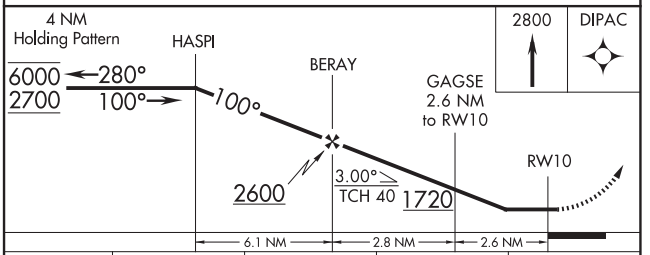
MISSED APPROACH: Climb to 2800 direct DIPAC and hold.

ASOS	COLUMBUS APP CON	CLNC DEL	UNICOM
118.375	134.0 279.6	121.65	122.725 (CTAF) L



ELEV 868	TDZE 857





CATEGORY	A	B	C	D
LP MDA	1300-1	443 (500-1)	1300-1⅜ 443 (500-1⅜)	NA
LNAV MDA	1440-1	583 (600-1)	1440-1¾ 583 (600-1¾)	NA
CIRCLING	1500-1 632 (700-1)	1540-1 672 (700-1)	1620-2¼ 752 (800-2¼)	NA

REIL Rwys 10 and 28 L
MIRL Rwy 10-28 L

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

LANCASTER, OHIO

AL-6212 (FAA)

24081

RNAV (GPS) RWY 28

FAIRFIELD COUNTY (LHQ)

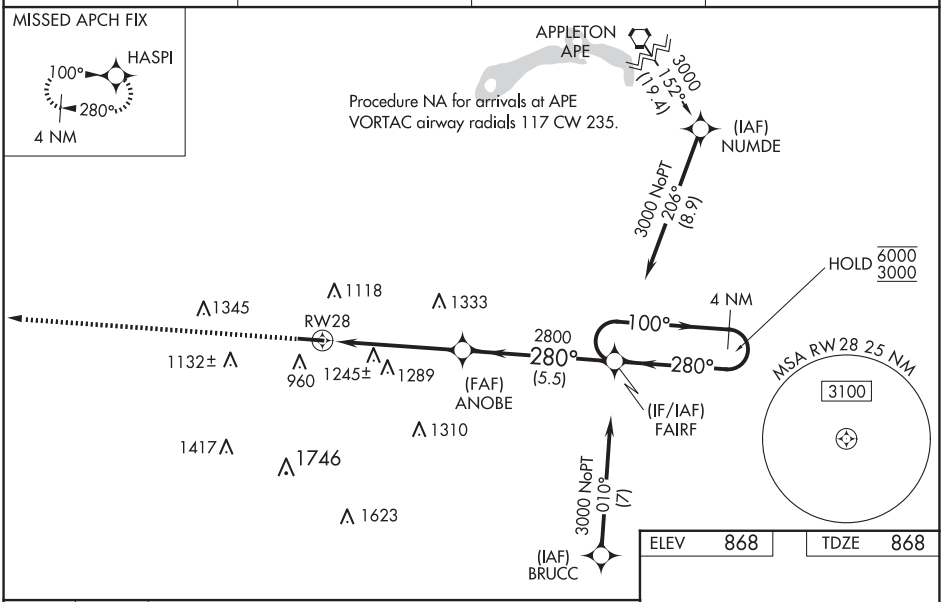
WAAS	APP CRS		
CH **69628**	**280°**	Rwy Idg	**5003**
W28A		TDZE	**868**
		Apt Elev	**868**

RNP APCH - GPS.

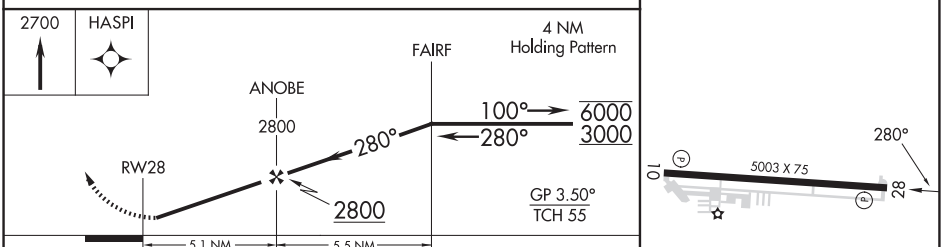
Rwy 28 helicopter visibility reduction below 1 SM NA. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -20°C or above 54°C. Baro-VNAV NA when using Rickenbacker Intl altimeter setting. When local altimeter setting not received, use Rickenbacker Intl altimeter setting; increase LPV DA to 1411 feet and all visibilities ¼ SM; increase LNAV/VNAV DA to 1549 feet and all visibilities ¼ SM; increase all MDAs 60 feet. Straight-in Rwy 28 at night, operational VGSI required, remain on or above VGSI glidepath until threshold. When Circling Rwy 28 at night, operational VGSI required, remain on or above VGSI glidepath until threshold.

MISSED APPROACH: Climb to 2700 direct HASPI and hold.

ASOS	COLUMBUS APP CON	CLNC DEL	UNICOM
118.375	**134.0 279.6**	**121.65**	**122.725** (CTAF) L



ELEV 868 TDZ 868



CATEGORY	A	B	C	D
LPV DA	1362-1⅜	494 (500-1⅜)	NA	
LNAV/VNAV DA	1500-1¾	632 (700-1¾)	NA	
LNAV MDA	1500-1	632 (700-1)	NA	
CIRCLING	1500-1 632 (700-1)	1540-1 672 (700-1)	NA	

REIL Rwys 10 and 28 L
MIRL Rwy 10-28 L

EC-2, 12 JUN 2025 to 07 AUG 2025

VORTAC APE 116.7 Chan 114	APP CRS 194°	Rwy Idg N/A TDZE N/A Apt Elev 868

VOR-A

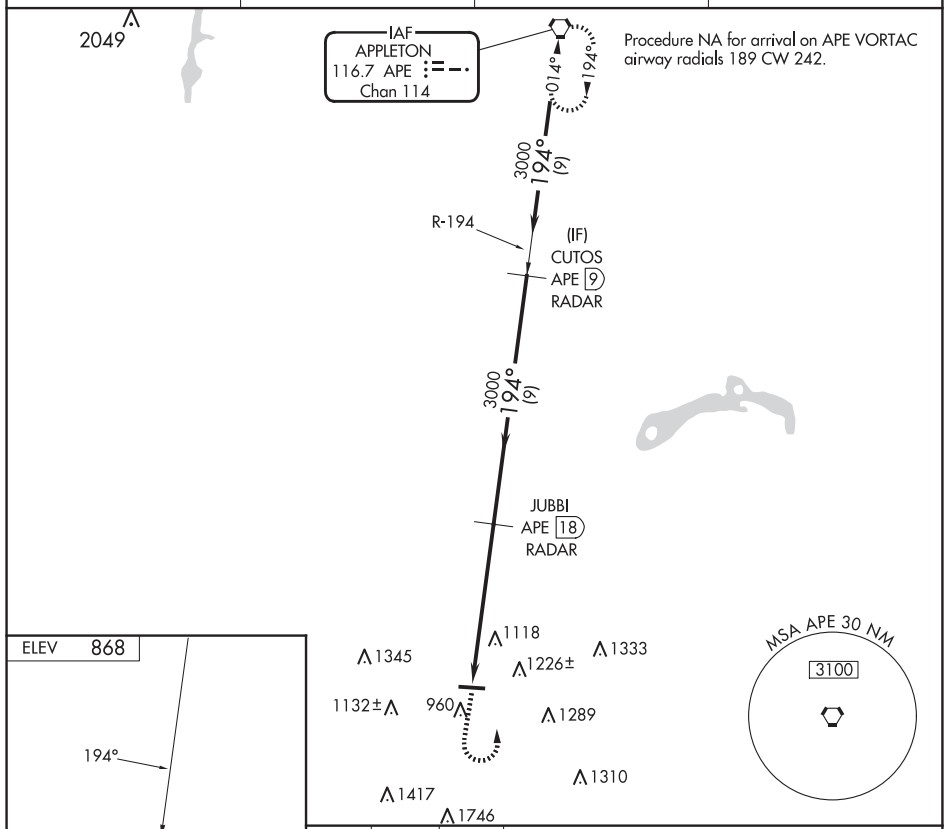
FAIRFIELD COUNTY (LHQ)

DME or RADAR required.

When local altimeter setting not received, use Rickenbacker Intl altimeter setting and increase all MDAs 60 feet and visibility Cat C ¼ SM. Circling Rwy 28 NA at night. Rwy 28 helicopter visibility reduction below 1 SM NA.

MISSED APPROACH: Climb to 2000 then climbing left turn to 3000 direct APE VORTAC and hold.

ASOS	COLUMBUS APP CON	CLNC DEL	UNICOM
118.375	134.0 279.6	121.65	122.725 (CTAF) L



REIL Rwys 10 and 28 L
MIRL Rwy 10-28 L

FAF to MAP 5.9 NM					
Knots	60	90	120	150	180
Min:Sec	5:54	3:56	2:57	2:22	1:58

CATEGORY	A	B	C	D
CIRCLING	1500-1 632 (700-1)	1540-1 672 (700-1)	1620-2¼ 752 (800-2¼)	NA

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

LEBANON, OHIO | AL-6485 (FAA) | 25163

WAAS	APP CRS	Rwy Ldg	4406
CH 53629	009°	TDZE	889
W01A		Apt Elev	898

RNAV (GPS) RWY 1

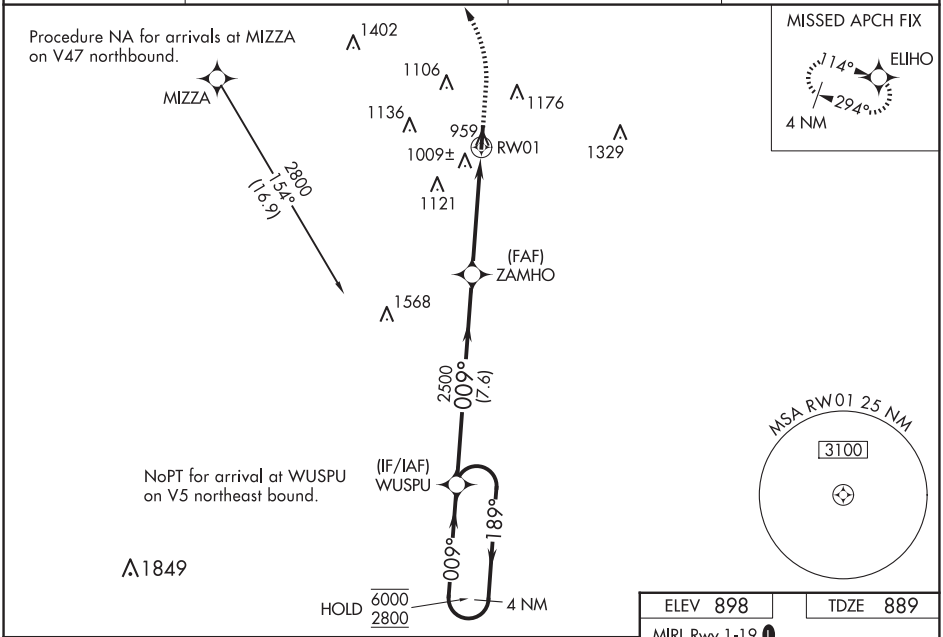
WARREN COUNTY/JOHN LANE FLD (I68)

RNP APCH - GPS.

T A For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -16°C or above 54°C. Baro-VNAV NA when using MGY altimeter setting. When local altimeter setting not received use MGY altimeter setting and increase LPV DA to 1179 feet and LNAV/VNAV DA to 1288 and all visibilities ⅛ SM. Increase all MDA 40 feet; increase LNAV Cat C/D visibility ⅛ SM and Circling Cat C visibility ¼ SM. When Circling to Rwy 19 at night, operational VGSI required, remain on or above VGSI glidepath until threshold. Rwy 1 helicopter visibility reduction below ¾ SM NA.

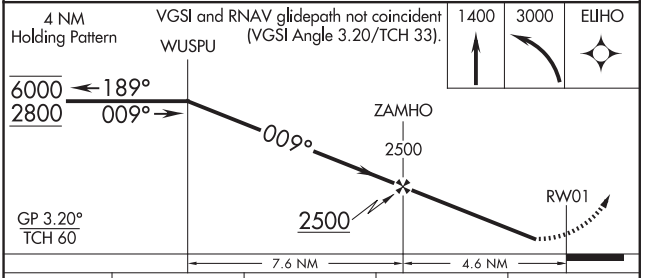
MISSED APPROACH: Climb to 1400 then climbing left turn to 3000 direct ELIHO and hold.

AWOS-3PT	COLUMBUS APP CON	CLNC DEL	UNICOM
120.55	118.85 269.275	119.4	123.075 (CTAF) L



ELEV 898 | TDZ 889

MIRL Rwy 1-19 L
REIL Rwys 1 and 19 L



CATEGORY	A	B	C	D
LPV DA	1153-1 264 (300-1)			NA
LNAV/VNAV DA	1262-1 373 (400-1)			NA
LNAV MDA	1260-1 371 (400-1)			
C CIRCLING	1400-1 502 (600-1)	1480-1 582 (600-1)	1480-1½ 582 (600-1½)	1500-2 602 (700-2)

LEBANON, OHIO
Amdt 3B 26DEC24

39°28'N-84°15'W

WARREN COUNTY/JOHN LANE FLD (I68)

RNAV (GPS) RWY 1

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

RNAV (GPS) RWY 19

WARREN COUNTY/JOHN LANE FLD (I68)

WAAS	APP CRS	Rwy Ldg	4505
CH 87129	189°	TDZE	898
W19A		Apt Elev	898

RNP APCH.

T NA Rwy 19 helicopter visibility reduction below 1 SM NA. When local altimeter setting not received, use Dayton/Wright Brothers altimeter setting and increase all MDAs 40 feet, and LP and LNAV Cat C and D visibilities ⅛ SM and Circling Cat C visibility ¼ SM. Straight-in Rwy 19 and Circling Rwy 19 at night, operational VGSI required, remain on or above VGSI glidepath until threshold.

MISSED APPROACH: Climb to 3000 direct WUSPU and hold.

AWOS-3PT	COLUMBUS APP CON	CLNC DEL	UNICOM
120.55	118.85 269.275	119.4	123.075 (CTAF) L

Procedure NA for arrivals at ZAKIT on V47 northbound.

(IAF) ZAKIT 3000 144° (7.3)

2049

(IAF) OSDIE 3000 235° (5)

(IF) YOVUC 2500 189° (5.7)

(FAF) LULOC

XODJI 1.4 NM to RW19

1402 1106 1047 1136 1051± 1176 1015± RW19 959 1329 1121 1568

3000 282° (27.2) SHIRT

Procedure NA to arrivals at SHIRT on V5 northeast bound.

MSA RW19 25 NM 3100

MISSED APCH FIX WUSPU 189° 600 4 NM

ELEV 898 TDZE 898

189°

6 1

4505 X 75

0.3% UP

1

MIRL Rwy 1-19 L

REIL Rwys 1 and 19 L

3000 WUSPU

VGSI and RNAV glidepath not coincident (VGSI Angle 3.50/TCH 35).

YOVUC 3000 189° 2500 3.50° TCH 42 LULOC XODJI 1.4 NM to RW19 RW19 1460

1.4 NM 2.8 NM 5.7 NM

CATEGORY	A	B	C	D
LP MDA	1280-1	382 (400-1)	1280-1⅛	382 (400-1⅛)
LNAV MDA	1320-1	422 (500-1)	1320-1¼	422 (500-1¼)
C CIRCLING	1400-1 502 (600-1)	1480-1 582 (600-1)	1480-1½ 582 (600-1½)	1480-2 582 (600-2)

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

LIMA, OHIO AL-5143 (FAA) 23110

ILS or LOC RWY 28

LIMA ALLEN COUNTY (AOH)

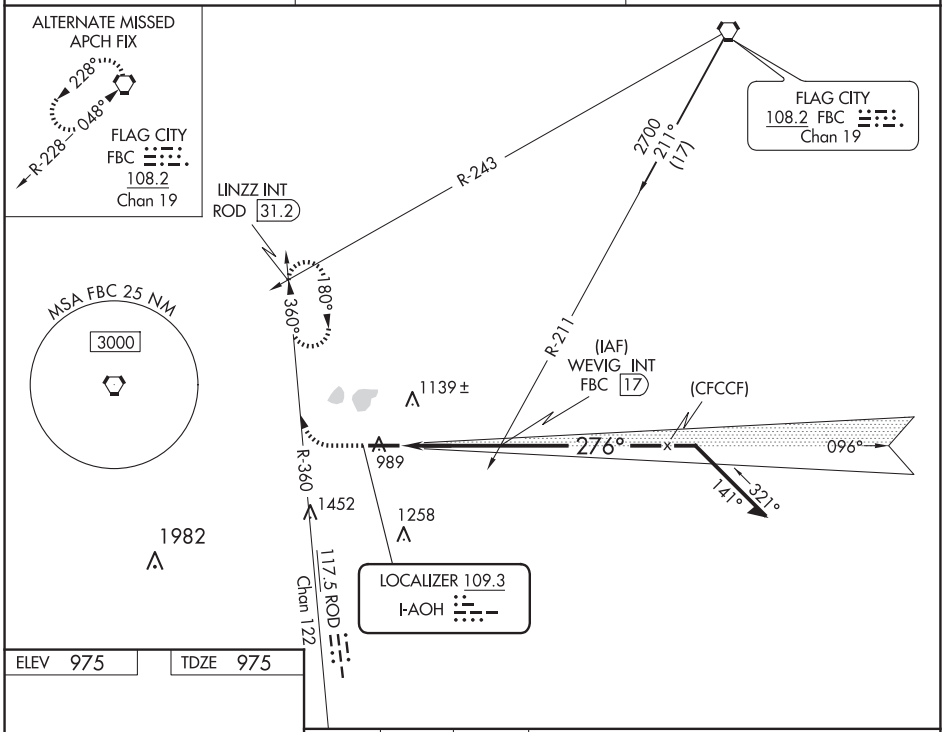
LOC I-AOH	APP CRS	Rwy Idg	6000
109.3	276°	TDZE	975
		Apt Elev	975

When local altimeter setting not received, use Findlay altimeter setting and increase S-ILS DA to 1255 and all MDAs 80 feet; increase S-ILS all Cats visibility ⅛ SM, S-LOC Cats C/D and Circling Cats C/D visibility ¼ SM.

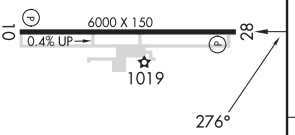
NA

MISSED APPROACH: Climb to 3000 on heading 276° and right turn on ROD VORTAC R-360 to LINZZ INT/ROD 31.2 DME and hold.

ASOS	COLUMBUS APP CON	UNICOM
128.725	121.825 323.15	122.7 (CTAF) L

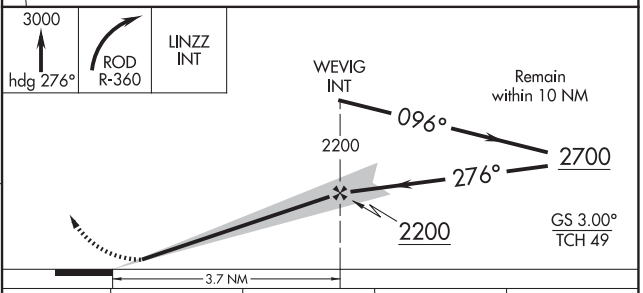


ELEV 975 TDZE 975



REIL Rwys 10 and 28 L
HIRL Rwy 10-28 L

FAF to MAP 3.7 NM					
Knots	60	90	120	150	180
Min:Sec	3:42	2:28	1:51	1:29	1:14



CATEGORY	A	B	C	D
S-ILS 28	1175-¾ 200 (200-¾)			
S-LOC 28	1500-1 525 (600-1)		1500-1½ 525 (600-1½)	
CIRCLING	1500-1 525 (600-1)		1540-1½ 565 (600-1½)	1820-2¾ 845 (900-2¾)

LIMA, OHIO
Amdt 5B 02DEC21

40°42′N-84°02′W

LIMA ALLEN COUNTY (AOH)

ILS or LOC RWY 28

EC-2, 12 JUN 2025 to 07 AUG 2025

EC-2, 12 JUN 2025 to 07 AUG 2025

RNAV (GPS) RWY 10

LIMA ALLEN COUNTY (AOH)

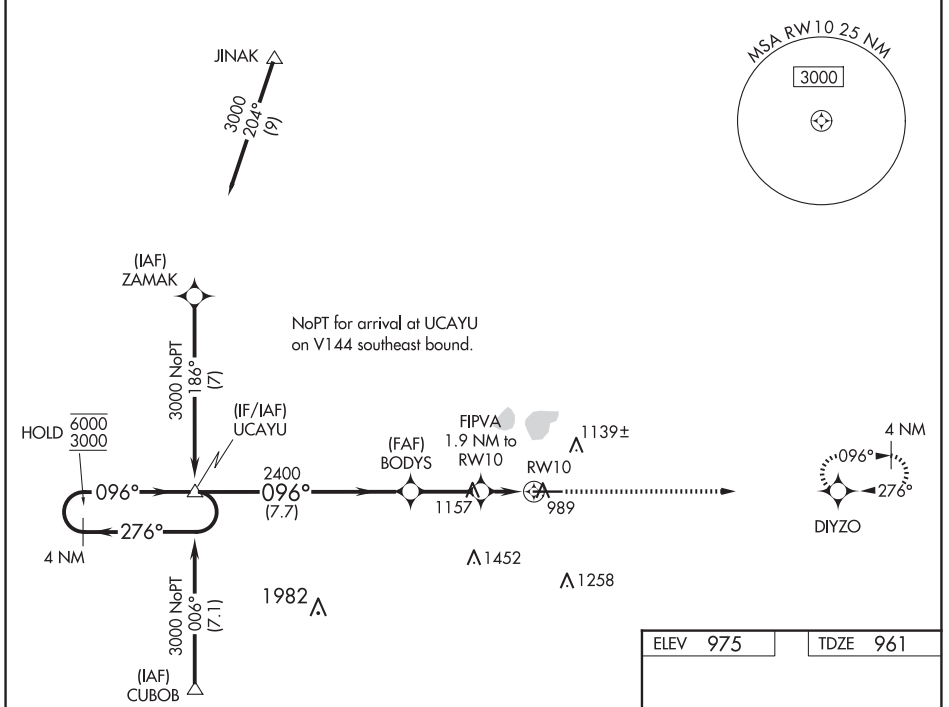
WAAS	APP CRS		
CH **65816**	**096°**	Rwy Idg	**6000**
W10A		TDZE	**961**
		Apt Elev	**975**

RNP APCH.

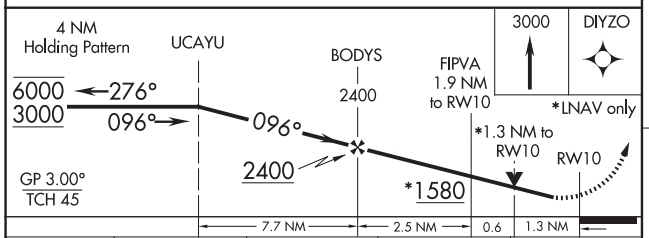
Rwy 10 helicopter visibility reduction below ¾ SM NA. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -16°C or above 54°C.

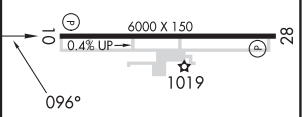
MISSED APPROACH: Climb to 3000 direct DIYZO and hold.

ASOS	COLUMBUS APP CON	UNICOM
128.725	**121.825 323.15**	**122.7** (CTAF) L



ELEV 975 TDZE 961





CATEGORY	A	B	C	D
LPV DA	1211-1 250 (300-1)			
LNAV/VNAV DA	1272-1 311 (300-1)			
LNAV MDA	1420-1 459 (500-1)		1420-1⅜ 459 (500-1⅜)	

REIL Rwys 10 and 28 L
HIRL Rwy 10-28 L

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

LIMA, OHIO | AL-5143 (FAA) | 23110

RNAV (GPS) RWY 28

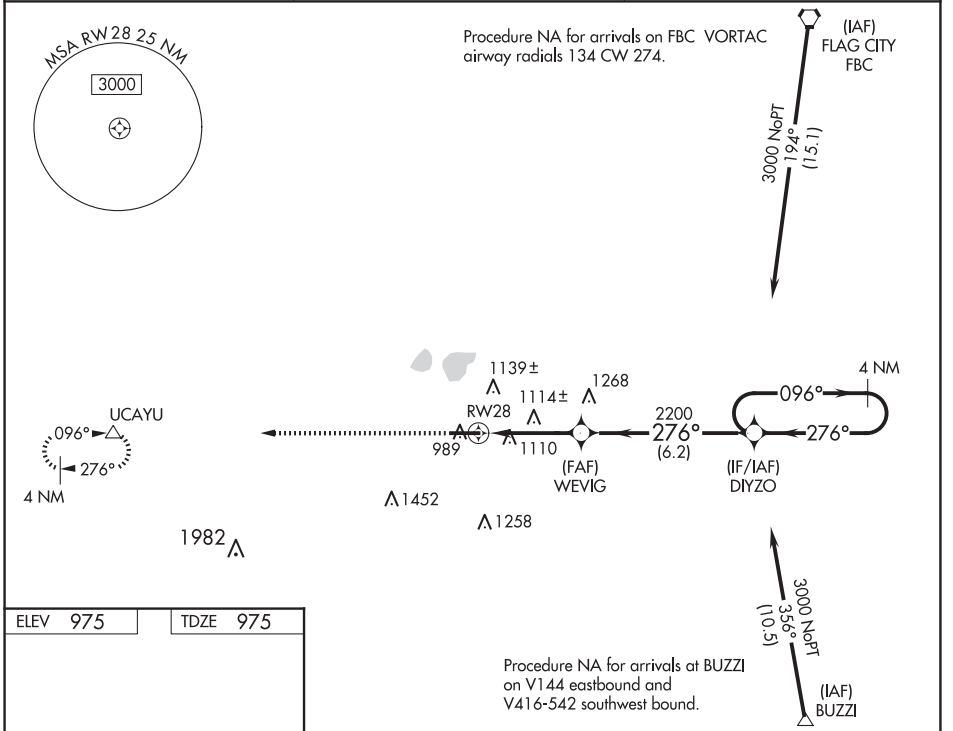
LIMA ALLEN COUNTY (AOH)

WAAS	APP CRS		
CH 50511	276°	Rwy Idg	6000
W28A		TDZE	975
		Apt Elev	975

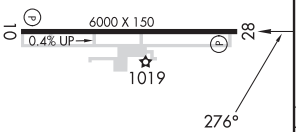
Baro-VNAV NA when using Findlay altimeter setting. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -16°C (4°F) or above 37°C (98°F). When local altimeter setting not received, use Findlay altimeter setting and increase LPV DA to 1255, LNAV/VNAV DA to 1477 and all MDAs 80 feet; increase LPV all Cats visibility ⅛ SM, LNAV/VNAV all Cats, LNAV Cats C/D and Circling Cats C/D ¼ SM. DME/DME RNP-0.3 NA. VDP NA with Findlay altimeter setting.

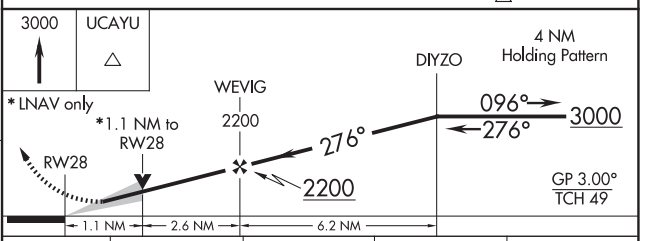
MISSED APPROACH: Climb to 3000 direct UCAYU and hold.

ASOS	COLUMBUS APP CON	UNICOM
128.725	121.825 323.15	122.7 (CTAF) L



ELEV 975 | TDZE 975





CATEGORY	A	B	C	D
LPV DA	1175-¾		200 (200-¾)	
LNAV/VNAV DA	1397-1⅜		422 (500-1⅜)	
LNAV MDA	1380-1	405 (500-1)	1380-1⅛	405 (500-1⅛)
CIRCLING	1420-1 445 (500-1)	1440-1 465 (500-1)	1540-1½ 565 (600-1½)	1820-2¾ 845 (900-2¾)

REIL Rwys 10 and 28 L
HIRL Rwy 10-28 L

LIMA, OHIO
Amdt 2C 02DEC21

40°42′N-84°02′W

LIMA ALLEN COUNTY (AOH)

RNAV (GPS) RWY 28

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

WAAS	APP CRS	Rwy Idg	5001
CH 45820	093°	TDZE	736
W09A		Apt Elev	738

RNAV (GPS) RWY 9
LOGANSPORT/CASS COUNTY (GGP)

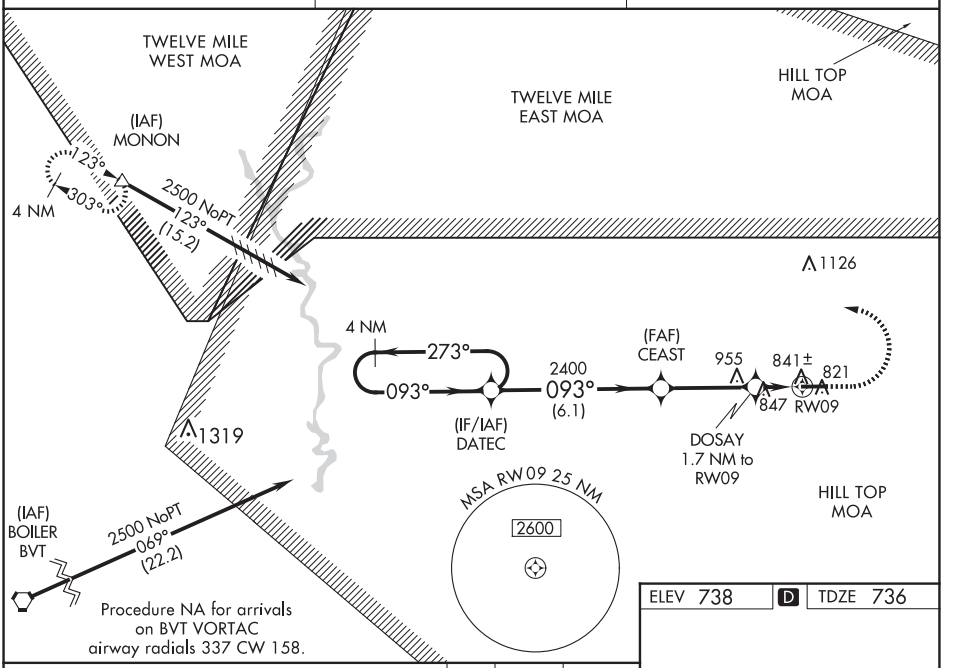
RNP APCH - GPS.

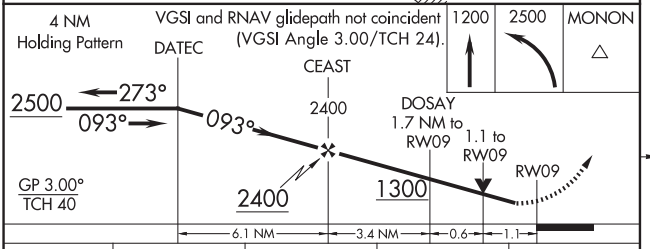
▼ ▲ NA

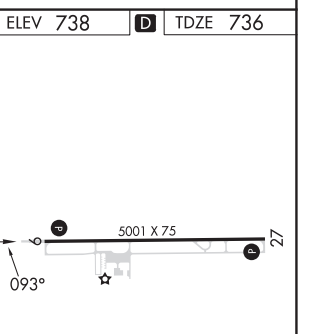
For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -16°C or above 39°C. When local altimeter setting not received, use Grissom ARB altimeter setting and increase LPV DA to 1026 feet, increase LNAV/VNAV DA to 1057 feet and visibilities all Cats ⅛ SM. Increase all MDAs 40 feet and LNAV visibility Cat C/D ⅛ SM, and Circling visibility Cat D ¼ SM. Helicopter visibility reduction below 1 SM NA. Baro-VNAV and VDP NA when using Grissom ARB altimeter setting.

MISSED APPROACH: Climb to 1200, then climbing left turn to 2500 direct MONON and hold.

AWOS-3P	GRISSOM APP CON*	UNICOM
118.5	121.05 338.275	122.8 (CTAF) L







CATEGORY	A	B	C	D
LPV DA	991-1 255 (300-1)			
LNAV/VNAV DA	1022-1 286 (300-1)			
LNAV MDA	1100-1 364 (400-1)			
CIRCLING	1180-1 442 (500-1)	1200-1 462 (500-1)	1280-1½ 542 (600-1½)	1400-2 662 (700-2)

MIRL Rwy 9-27 L
REIL Rwys 9 and 27 L

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

LOGANSPORT, INDIANA | AL-5435 (FAA) | 23222

WAAS	APP CRS	Rwy Idg	5001
CH 70703	273°	TDZE	738
W27A		Apt Elev	738

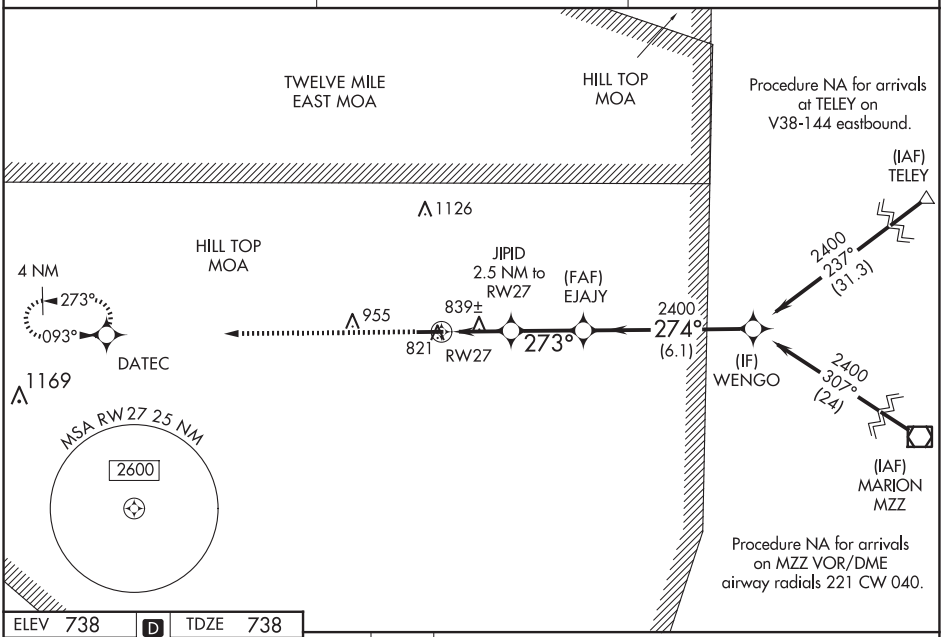
RNAV (GPS) RWY 27
LOGANSPORT/CASS COUNTY (GGP)

Baro-VNAV NA when using Grissom ARB altimeter setting. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -16°C (4°F) or above 39°C (102°F). DME/DME RNP-0.3 NA. VDP NA with Grissom ARB altimeter setting. When local altimeter setting not received, use Grissom ARB altimeter setting: increase LPV DA to 974 feet; increase LNAV/VNAV DA to 1056 feet and all visibilities ¼ SM; increase all MDAs 40 feet and Circling visibility Cat D ¼ SM.

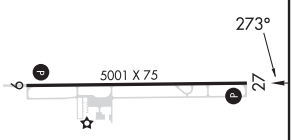
NA

MISSED APPROACH: Climb to 2500 direct DATEC and hold.

AWOS-3P	GRISSOM APP CON★	UNICOM
118.5	121.05 338.275	122.8 (CTAF) L



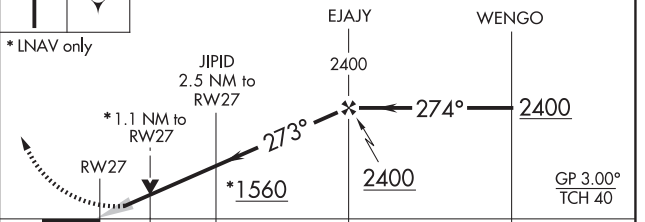
ELEV 738 D TDZE 738



2500 DATEC

VGSI and RNAV glidepath not coincident (VGSI Angle 3.00/TCH 25).

* LNAV only



CATEGORY	A	B	C	D
LPV DA	938-¾ 200 (200-¾)			
LNAV/VNAV DA	1020-⅞ 282 (300-⅞)			
LNAV MDA	1100-1 362 (400-1)			
CIRCLING	1180-1 442 (500-1)	1200-1 462 (500-1)	1280-1½ 542 (600-1½)	1400-2 662 (700-2)

MIRL Rwy 9-27 L
REIL Rwys 9 and 27 L

LOGANSPORT, INDIANA
Amdt 1B 15JUL21

40°43′N-86°22′W

LOGANSPORT/CASS COUNTY (GGP)
RNAV (GPS) RWY 27

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

RNAV (GPS) RWY 9

MADISON COUNTY (UYF)

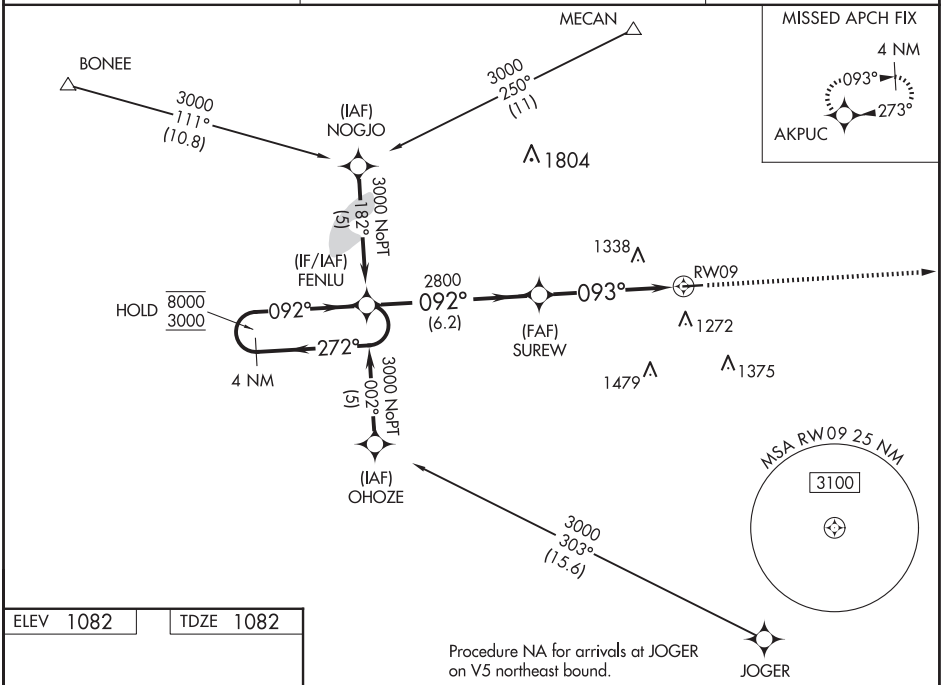
WAAS	APP CRS	Rwy Ldg	4000
CH 53409	093°	TDZE	1082
W09A		Apt Elev	1082

RNP APCH - GPS.

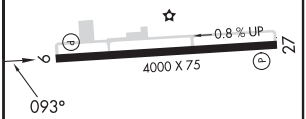
For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -17°C or above 54°C.

MISSED APPROACH: Climb to 3000 direct AKPUC and hold.

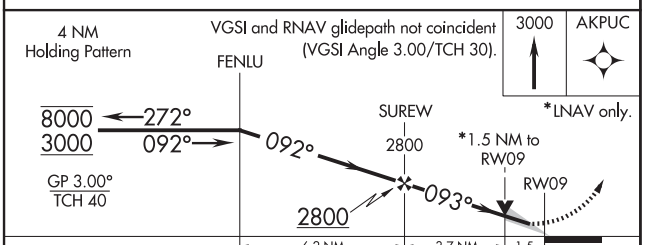
AWOS-3PT	COLUMBUS APP CON	UNICOM
120.85	134.0 279.6	123.0 (CTAF) L



ELEV 1082 TDZE 1082



REIL Rwys 9 and 27 L
MIRL Rwy 9-27 L



CATEGORY	A	B	C	D
LPV DA	1332-1 250 (300-1)			
LNAV/VNAV DA	1548-1¾ 466 (500-1¾)			
LNAV MDA	1580-1 498 (500-1)		1580-1⅜ 498 (500-1⅜)	1580-1½ 498 (500-1½)
CIRCLING	1600-1 518 (600-1)	1640-1 558 (600-1)	1640-1½ 558 (600-1½)	1840-2½ 758 (800-2½)

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

LONDON, OHIO AL-6621 (FAA) 25163

WAAS	APP CRS	Rwy Ldg	4000
CH 61009	273°	TDZE	1073
W27A		Apt Elev	1082

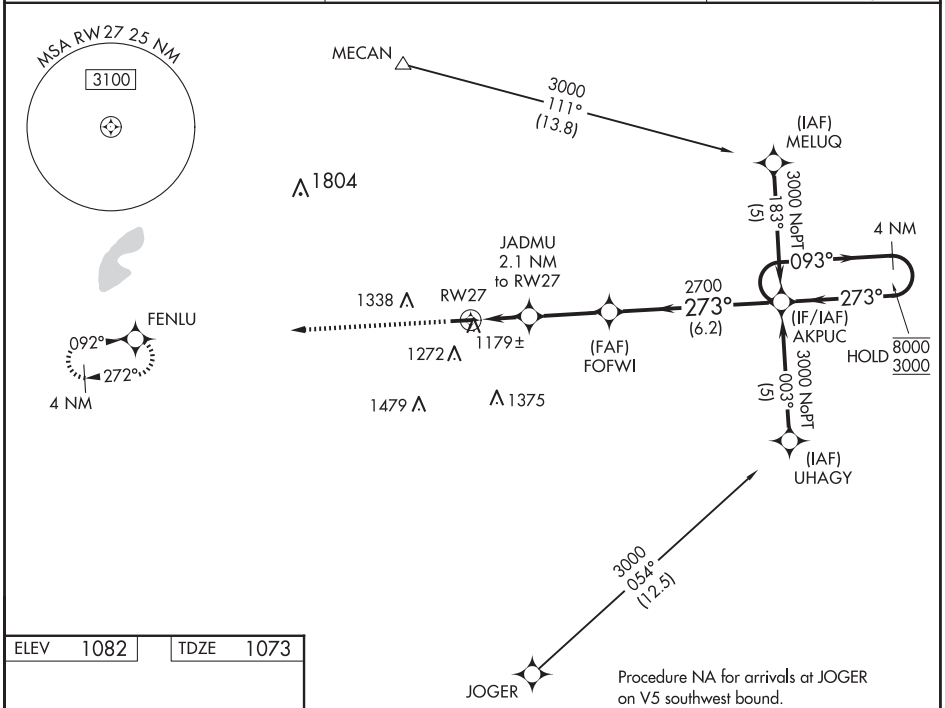
RNAV (GPS) RWY 27
MADISON COUNTY (UYF)

RNP APCH - GPS

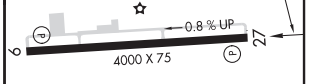
Rwy 27 helicopter visibility reduction below ¾ SM NA. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -17°C or above 54°C.

MISSED APPROACH: Climb to 3000 direct FENLU and hold.

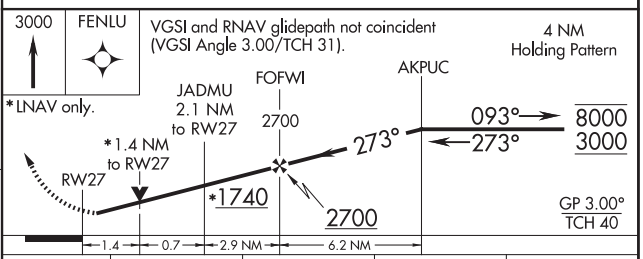
AWOS-3PT	COLUMBUS APP CON	UNICOM
120.85	134.0 279.6	123.0 (CTAF) L



ELEV 1082 TDZE 1073



REIL Rwys 9 and 27 L
MIRL Rwy 9-27 L



CATEGORY	A	B	C	D
LPV DA	1400-1¼ 327 (400-1¼)			
LNAV/VNAV DA	1449-1½ 376 (400-1½)			
LNAV MDA	1540-1 467 (500-1)		1540-1⅜ 467 (500-1⅜)	1540-1½ 467 (500-1½)
CIRCLING	1600-1 518 (600-1)	1640-1 558 (600-1)	1640-1½ 558 (600-1½)	1840-2½ 758 (800-2½)

LONDON, OHIO
Orig-B 11AUG22

39°56'N-83°28'W

MADISON COUNTY (UYF)
RNAV (GPS) RWY 27

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

LOC I-LQG	APP CRS	Rwy Idg	5002
111.7	073°	TDZE	793
		Apt Elev	793

ILS or LOC RWY 7

LORAIN COUNTY RGNL (LPR)

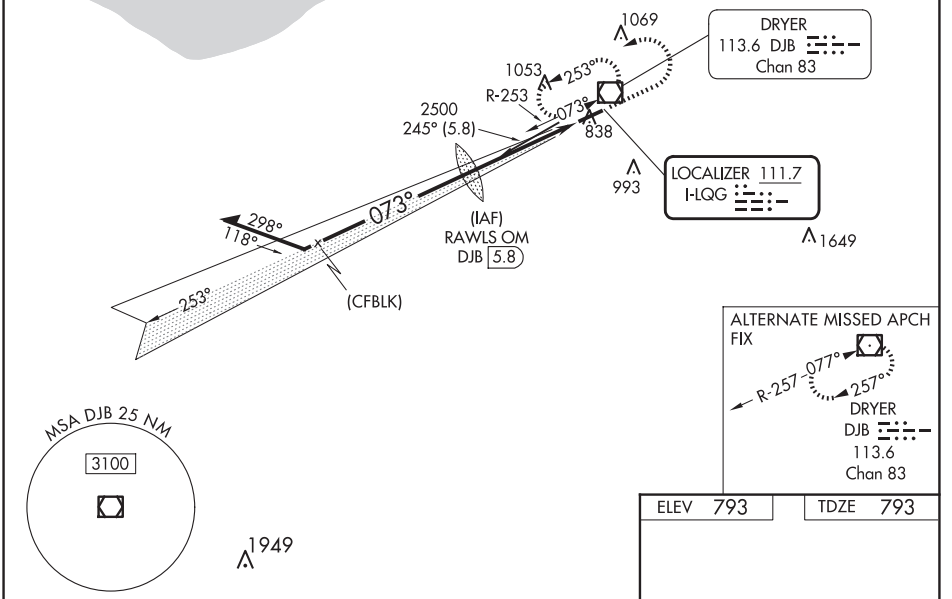
For inoperative MALSR, increase S-LOC 7 Cats C/D visibility to 1⅜ mile. VDP NA with Cleveland-Hopkins Intl altimeter setting. When local altimeter setting not received, use Cleveland-Hopkins Intl altimeter setting and increase all DA 36 feet and all MDA 40 feet.

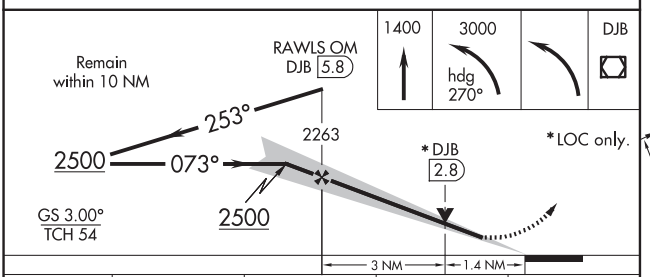
MALSR

MISSED APPROACH: Climb to 1400 then climbing left turn to 3000 on heading 270° then left turn direct DJB VOR/DME and hold.

ASOS	CLEVELAND APP CON	CLNC DEL	UNICOM
118.925	125.35 346.325	125.7	122.7 (CTAF) L

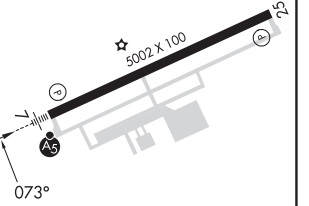
DME REQUIRED





CATEGORY	A	B	C	D
S-ILS 07	993-½ 200 (200-½)			
S-LOC 07	1280-½ 487 (500-½)		1280-1 487 (500-1)	
C CIRCLING	1280-1 487 (500-1)	1360-1 567 (600-1)	1420-1¾ 627 (700-1¾)	1420-2 627 (700-2)

ELEV 793 TDZE 793



REIL Rwy 25 L
HIRL Rwy 7-25 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

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

LORAIN/ELYRIA, OHIO | AL-5703 (FAA) | 24025

RNAV (GPS) RWY 7

LORAIN COUNTY RGNL (LPR)

WAAS	APP CRS	Rwy Idg	5002
CH 99612	073°	TDZE	793
W07A		Apt Elev	793

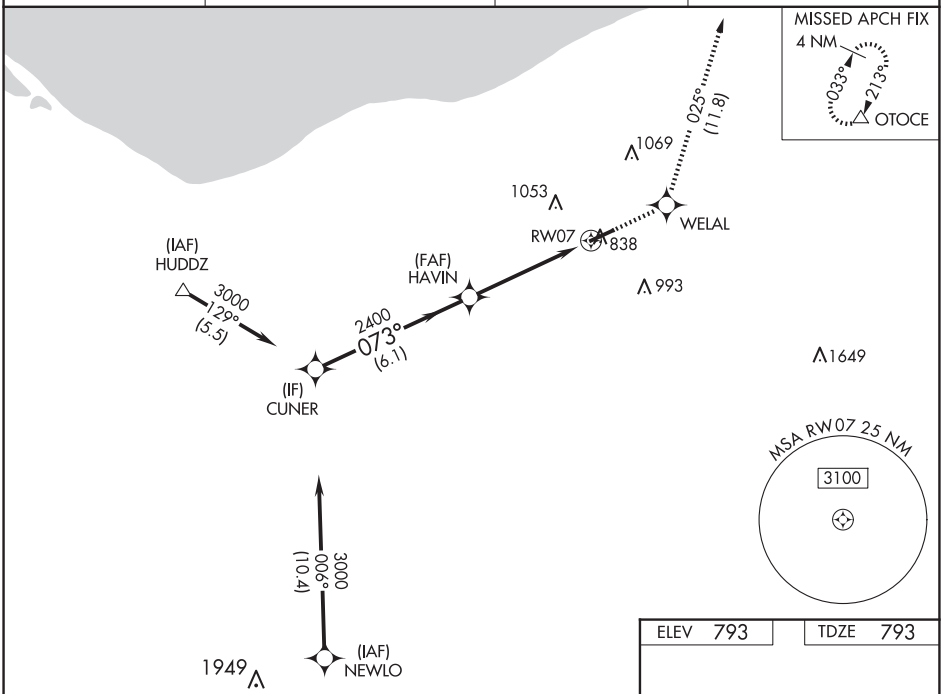
RNP APCH.

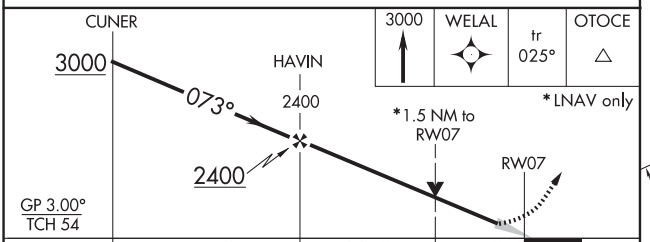
For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -16°C (4°F) or above 54°C (130°F).

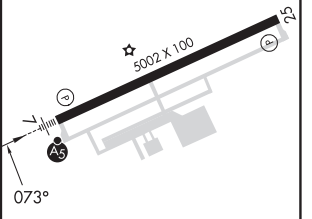
MALSR

MISSED APPROACH: Climb to 3000 direct WELAL and on track 025° to OTOCE and hold.

ASOS	CLEVELAND APP CON	CLNC DEL	UNICOM
118.925	125.35 346.325	125.7	122.7 (CTAF) L







CATEGORY	A	B	C	D
LPV DA	993-½ 200 (200-½)			
LNAV/VNAV DA	1133-¾ 340 (400-¾)			
LNAV MDA	1340-½ 547 (600-½)		1340-1⅛ 547 (600-1⅛)	
C CIRCLING	1340-1 547 (600-1)	1360-1 567 (600-1)	1420-1¾ 627 (700-1¾)	1420-2 627 (700-2)

REIL Rwy 25 L
HIRL Rwy 7-25 L

LORAIN/ELYRIA, OHIO
Orig-B 24MAY18

41°21'N-82°11'W

LORAIN COUNTY RGNL (LPR)
RNAV (GPS) RWY 7

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

VOR/DME DJB	APP CRS	Rwy Idg	N/A
113.6	070°	TDZE	N/A
Chan 83		Apt Elev	793

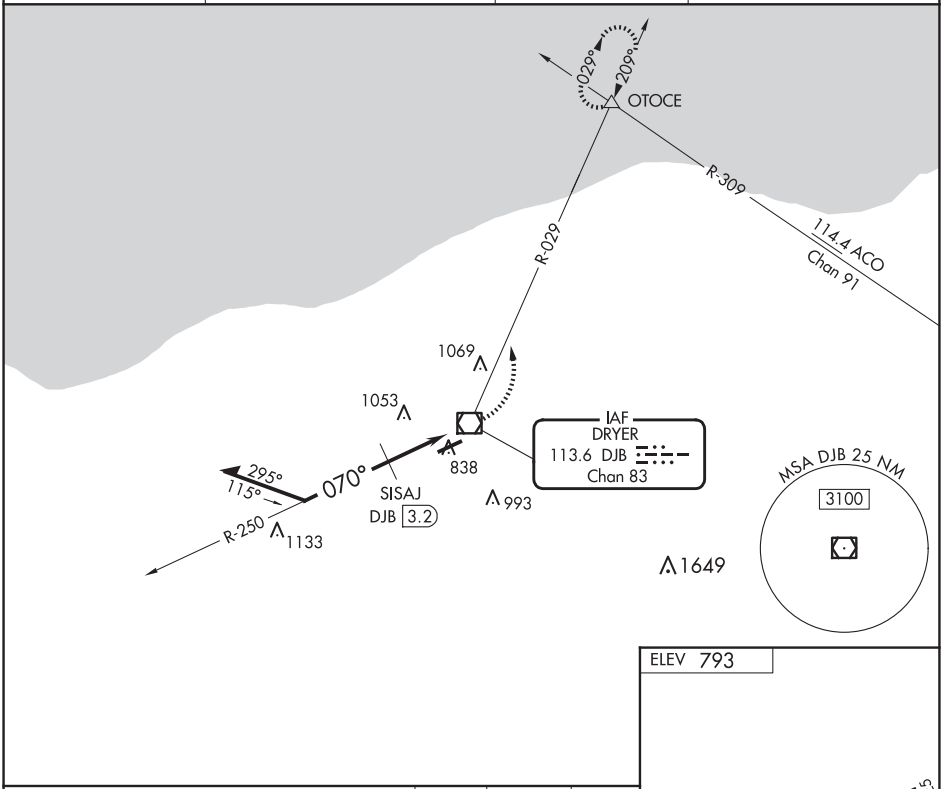
VOR-A

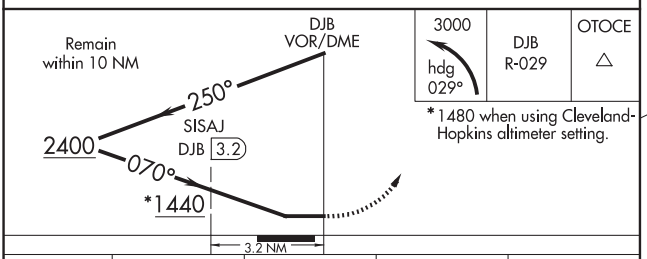
LORAIN COUNTY RGNL (LPR)

When local altimeter setting not received, use Cleveland-Hopkins Intl altimeter setting and increase all MDA 40 feet, increase circling Cat C/D visibility ¼ mile.

MISSED APPROACH: Climbing left turn to 3000 via heading 029° and DJB VOR/DME R-029 direct OTOCE INT and hold.

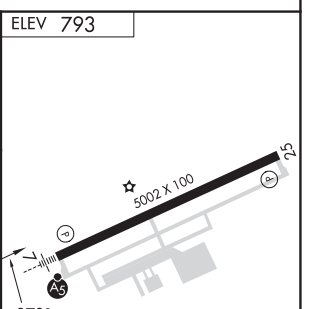
ASOS	CLEVELAND APP CON	CLNC DEL	UNICOM
118.925	125.35 346.325	125.7	122.7 (CTAF) L





3000 hdg 029°	DJB R-029	OTOCE △

*1480 when using Cleveland-Hopkins altimeter setting.



CATEGORY	A	B	C	D
C CIRCLING	1440-1 647 (700-1)		1440-1¾ 647 (700-1¾)	1440-2 647 (700-2)
SISAJ DME MINIMUMS				
C CIRCLING	1300-1 507 (600-1)	1360-1 567 (600-1)	1420-1¾ 627 (700-1¾)	1420-2 627 (700-2)

REIL Rwy 25 L
HIRL Rwy 7-25 L

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

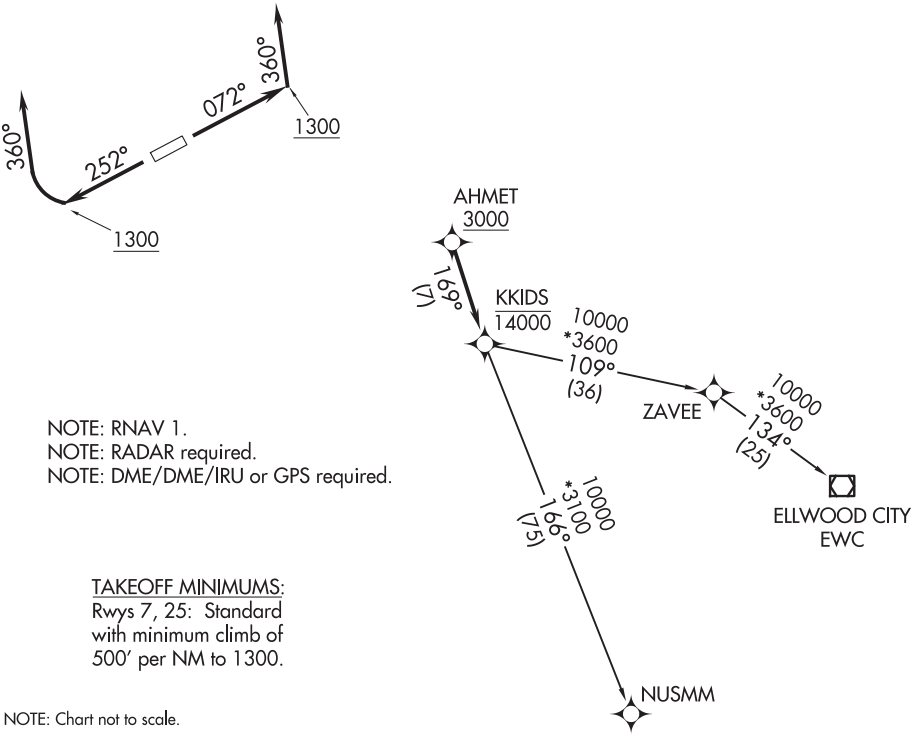
(AHMET4.KKIDS) 24025 AL-5703 (FAA)

AHMET FOUR DEPARTURE (RNAV)

LORAIN COUNTY RGNL (LPR)
LORAIN/ELYRIA, OHIO

ASOS
118.925
CLNC DEL
125.7
CTAF
122.7
CLEVELAND DEP CON
125.35 346.325

TOP ALTITUDE: ASSIGNED BY ATC



NOTE: RNAV 1.
NOTE: RADAR required.
NOTE: DME/DME/IRU or GPS required.

TAKEOFF MINIMUMS:
Rwys 7, 25: Standard with minimum climb of 500' per NM to 1300.

NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 7: Climb on heading 072° to 1300, then on heading 360° or as assigned by ATC for RADAR vectors to cross AHMET at or above 3000, thence....
TAKEOFF RUNWAY 25: Climb on heading 252° to 1300, then right turn on heading 360° or as assigned by ATC for RADAR vectors to cross AHMET at or above 3000, thence....

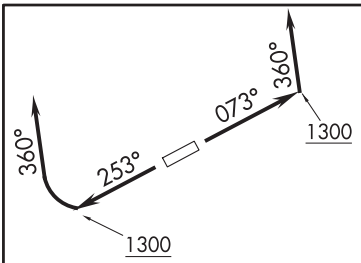
....on track 169° to cross KKIDS at or below 14000, then on (transition).
Maintain altitude assigned by ATC, expect filed altitude ten minutes after departure.

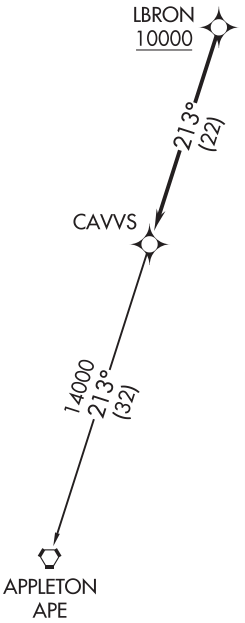
ELLWOOD CITY TRANSITION (AHMET4.EWC)
NUSMM TRANSITION (AHMET4.NUSMM)

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

TOP ALTITUDE: ASSIGNED BY ATC

ASOS 118.925
CLNC DEL 125.7
CTAF 122.7
CLEVELAND DEP CON 125.35 346.325





NOTE: RADAR required.
NOTE: RNAV 1.
NOTE: DME/DME/IRU or GPS required.

TAKEOFF MINIMUMS:
Rwys 7, 25: Standard with a minimum climb of 500′ per NM to 1300.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 7: Climb on heading 073° to 1300, then on heading 360° or as assigned by ATC for RADAR vectors to cross LBRON at or above 10000, thence....
TAKEOFF RUNWAY 25: Climb on heading 253° to 1300, then right turn heading 360° or as assigned by ATC for RADAR vectors to cross LBRON at or above 10000, thence....

....on track 213° to CAVVS, then on (transition).
Maintain altitude assigned by ATC, expect filed altitude ten minutes after departure.

APPLETON TRANSITION (CAVVS4.APE)

NOTE: Chart not to scale.

EC-2, 12 JUN 2025 to 07 AUG 2025

GTLKE FOUR DEPARTURE (RNAV)

(GTLKE4.GTLKE) 26MAR20

LORAIN COUNTY RGNL (LPR)

LORAIN/ELYRIA, OHIO

GTLKE FOUR DEPARTURE (RNAV)

(GTLKE4.GTLKE) 24025

LORAIN COUNTY RGNL (LPR)

LORAIN/ELYRIA, OHIO

AL-5703 (FAA)

ASOS
118.925
CLNC DEL
125.7
CTAF
122.7
CLEVELAND DEP CON
125.35 346.325

TOP ALTITUDE: ASSIGNED BY ATC

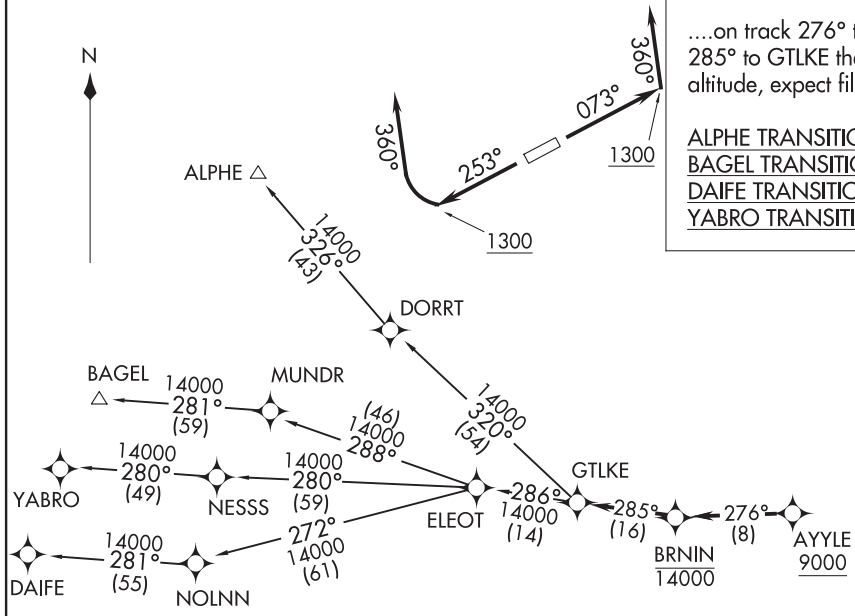
DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 7: Climb on heading 073° to 1300, then on heading 360° or as assigned by ATC for RADAR vectors to cross AYYLE at or above 9000, thence....

TAKEOFF RUNWAY 25: Climb on heading 253° to 1300, then right turn heading 360° or as assigned by ATC for RADAR vectors to cross AYYLE at or above 9000, thence....

....on track 276° to cross BRNIN at or below 14000, then on track 285° to GTLKE then on (transition). Maintain ATC assigned altitude, expect filed altitude 10 minutes after departure.

ALPHE TRANSITION (GTLKE4.ALPHE)
BAGEL TRANSITION (GTLKE4.BAGEL)
DAIFE TRANSITION (GTLKE4.DAIFE)
YABRO TRANSITION (GTLKE4.YABRO)



NOTE: RADAR required.
NOTE: RNAV 1.
NOTE: DME/DME/IRU or GPS required.
NOTE: BAGEL TRANSITION: For aircraft landing MDW only, or as assigned by ATC.
NOTE: DAIFE TRANSITION: For aircraft landing ORD only, or as assigned by ATC.

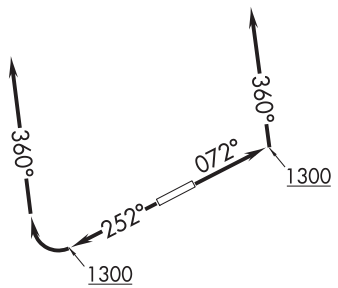
TAKEOFF MINIMUMS:
Rwys 7, 25: Standard with a minimum climb of 500' per NM to 1300.

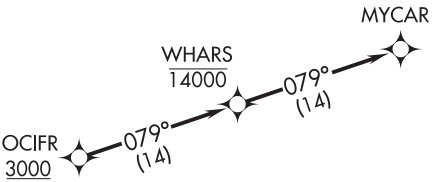
NOTE: Chart not to scale.

ASOS
118.925
CLNC DEL
125.7
CTAF
122.7
CLEVELAND DEP CON
125.35 346.325

TOP ALTITUDE: ASSIGNED BY ATC

NOTE: RNAV 1.
NOTE: RADAR required.
NOTE: DME/DME/IRU or GPS required.





TAKEOFF MINIMUMS:
Rwys 7, 25: Standard with minimum climb of 500' per NM to 1300.

NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 7: Climb on heading 072° to 1300, then on heading 360° or as assigned by ATC for RADAR vectors to cross OCIFR at or above 3000, thence....
TAKEOFF RUNWAY 25: Climb on heading 252° to 1300, then right turn on heading 360° or as assigned by ATC for RADAR vectors to cross OCIFR at or above 3000, thence....

....on track 079° to cross WHARS at or below 14000, then on track 079° to MYCAR. Maintain altitude assigned by ATC, expect filed altitude ten minutes after departure.

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

ZAAPA FIVE DEPARTURE (RNAV)

ZAAPA FIVE DEPARTURE (RNAV)

EC-2, 12 JUN 2025 to 07 AUG 2025

RNAV (GPS) RWY 21

MADISON MUNI (IMS)

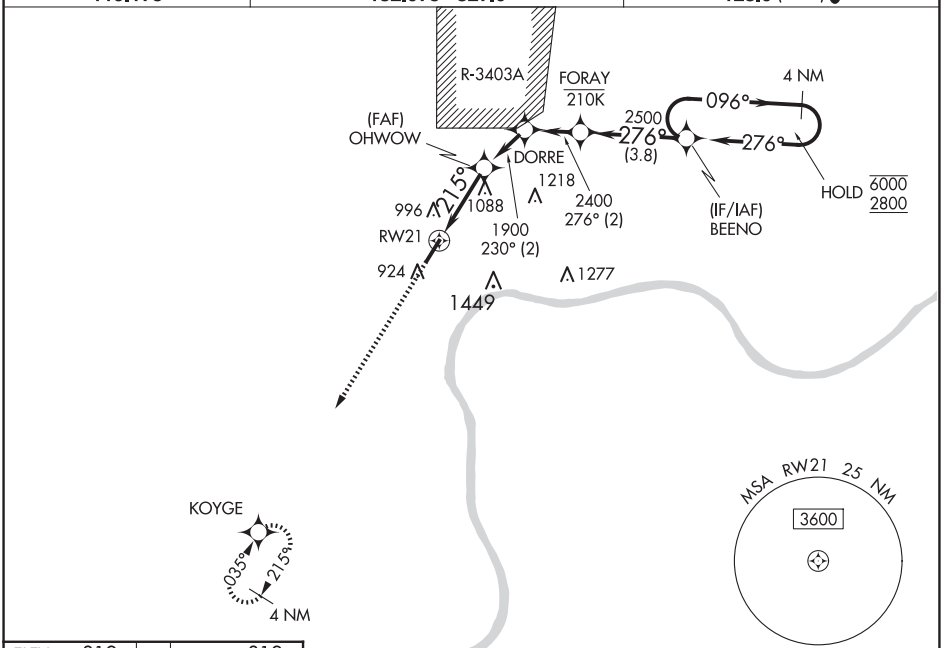
WAAS	APP CRS	Rwy ldg	5000
CH 65943	215°	TDZE	819
W21A		Apt Elev	819

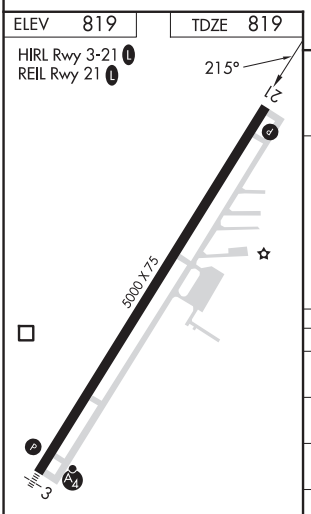
RNP APCH.

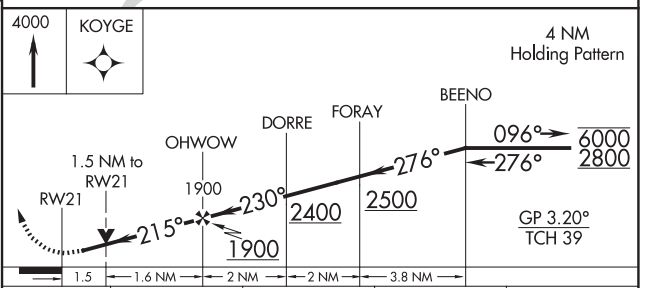
Circling NA for Cat C east of Rwy 03-21. Rwy 21 helicopter visibility reduction below ¾ SM NA. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -16°C or above 54°C.

MISSED APPROACH: Climb to 4000 direct KOYGE and hold, continue climb-in-hold to 4000.

AWOS-3	LOUISVILLE APP CON	UNICOM
119.175	132.075 327.0	123.0 (CTAF) L







CATEGORY	A	B	C	D
LPV DA	1099-⅞	280 (300-⅞)		NA
LNAV/VNAV DA	1132-⅞	313 (400-⅞)		NA
LNAV MDA	1340-1	521 (600-1)	1340-1½ 521 (600-1½)	NA
CIRCLING	1340-1	521 (600-1)	1340-1½ 521 (600-1½)	NA

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EC-2, 12 JUN 2025 to 07 AUG 2025

MADISON, INDIANA | AL-5710 (FAA) | 23222

RNAV (GPS) Y RWY 3

MADISON MUNI (IMS)

APP CRS	Rwy ldg	5000
035°	TDZE	812
	Apt Elev	819

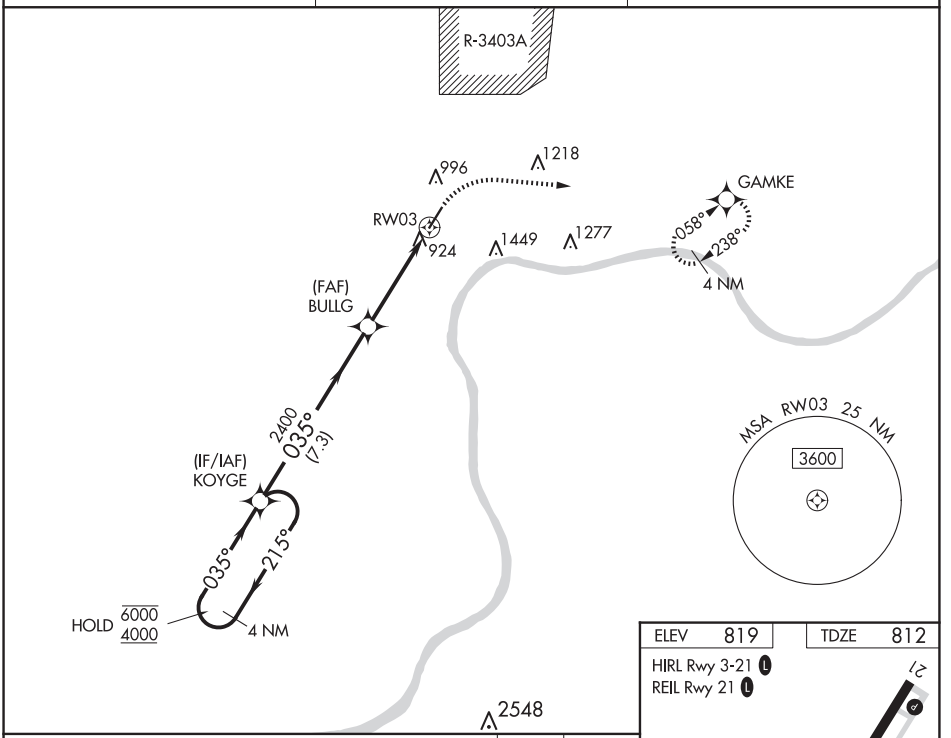
RNP APCH - GPS.

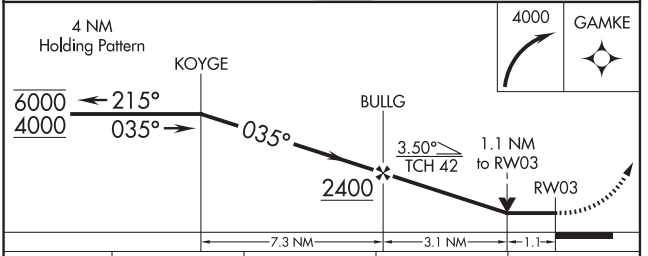
Circling NA for Cat C east of Rwy 3-21. Rwy 3 helicopter visibility reduction below ¾ SM NA. For inop ALS increase ** LNAV Cat C visibility to 1⅜ SM.

MALSF

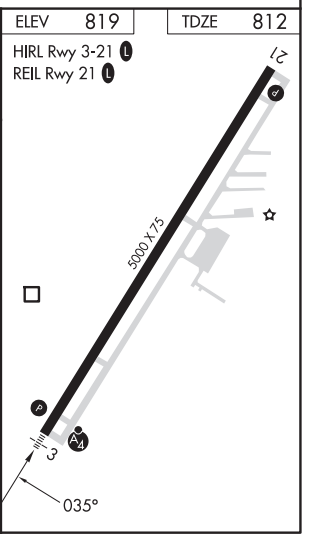
MISSED APPROACH: Climbing right turn to 4000 direct GAMKE and hold, continue climb-in-hold to 4000.
**Missed approach requires minimum climb of 410 feet per NM to 1900.

AWOS-3	LOUISVILLE APP CON	UNICOM
119.175	132.075 327.0	123.0 (CTAF) L





CATEGORY	A	B	C	D
LNAV MDA**	1260-¾	448 (500-¾)	1260-1 448 (500-1)	NA
LNAV MDA	1420-¾	608 (700-¾)	1420-1½ 608 (700-1½)	NA
C CIRCLING	1420-1	601 (700-1)	1420-1¾ 601 (700-1¾)	NA



MADISON, INDIANA
Orig-A 02DEC21

38°46'N-85°28'W

MADISON MUNI (IMS)

RNAV (GPS) Y RWY 3

EC-2, 12 JUN 2025 to 07 AUG 2025

EC-2, 12 JUN 2025 to 07 AUG 2025

RNAV (GPS) Z RWY 3

MADISON MUNI (IMS)

WAAS	APP CRS	Rwy Idg	5000
CH 45708	035°	TDZE	812
W03A		Apt Elev	819

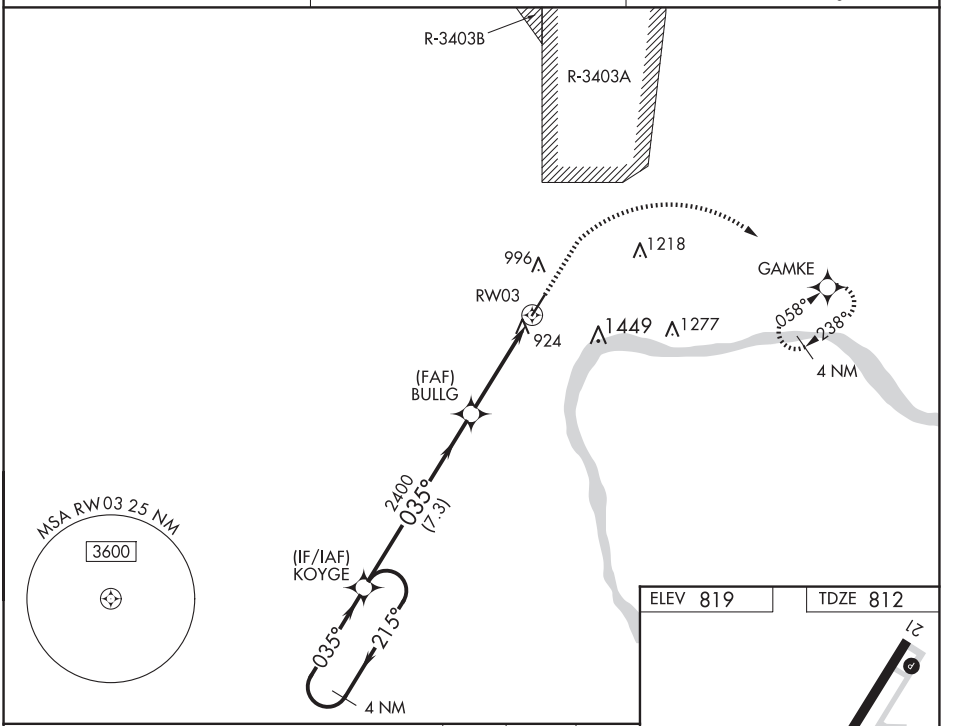
T
ANA

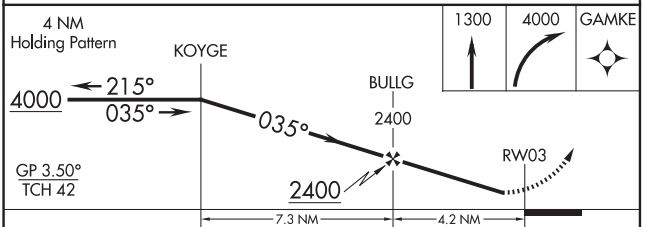
For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -16°C (4°F) or above 54°C (130°F). DME/DME RNP-0.3 NA. Rwy 3 helicopter visibility reduction below ¾ SM NA. For inoperative ALS, increase **LNAV/VNAV all Cats visibility to ⅞ SM. For inoperative ALS when using Bowman Field altimeter setting, increase LPV all Cats visibility to 1⅜ SM; increase **LNAV/VNAV all Cats visibility to ⅞ SM and LNAV/VNAV all Cats visibility to 2½ SM.

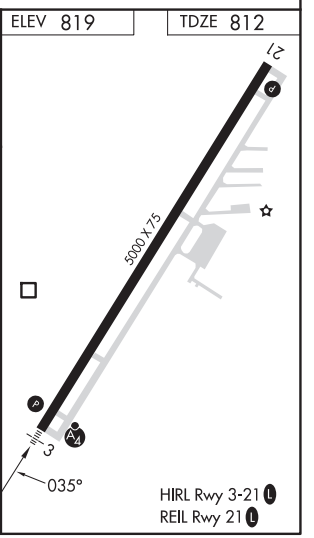
MALSF

MISSED APPROACH: Climb to 1300 then climbing right turn to 4000 direct GAMKE and hold, continue climb-in-hold to 4000. **Missed approach requires mimimum climb of 410 feet per NM to 1900.

AWOS-3	LOUISVILLE APP CON	UNICOM
119.175	132.075 327.0	123.0 (CTAF) L







CATEGORY	A	B	C	D
LPV DA	1142-¾	330 (400-¾)		NA
LNAV/VNAV DA**	1095-¾	283 (300-¾)		NA
LNAV/VNAV DA	1420-1⅝	608 (700-1⅝)		NA

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

ILS or LOC RWY 32

MANSFIELD LAHM RGNL (MFD)

LOC I-MFD	APP CRS	Rwy Idg	9001
110.5	323°	TDZE	1293
		Apt Elev	1297

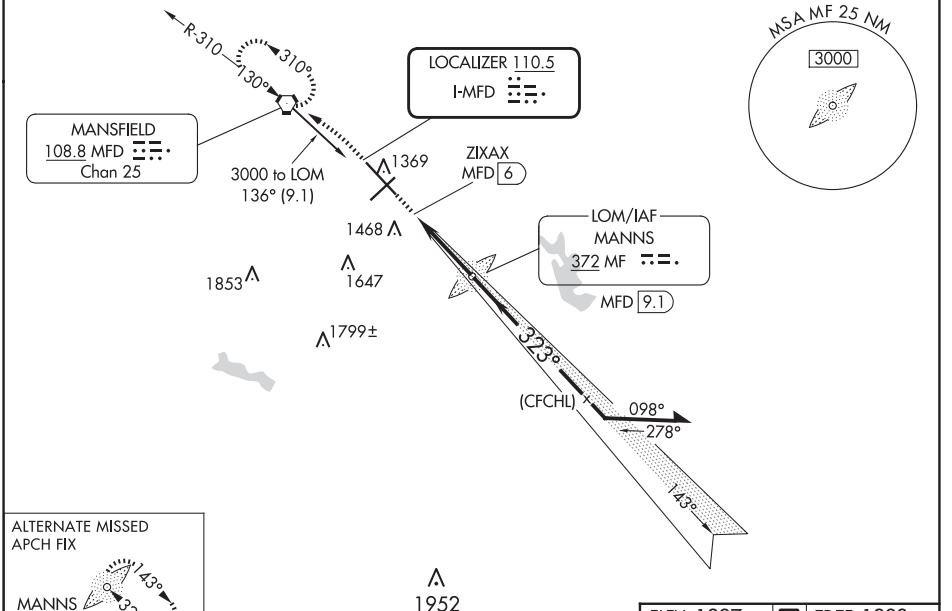
ADF or DME.

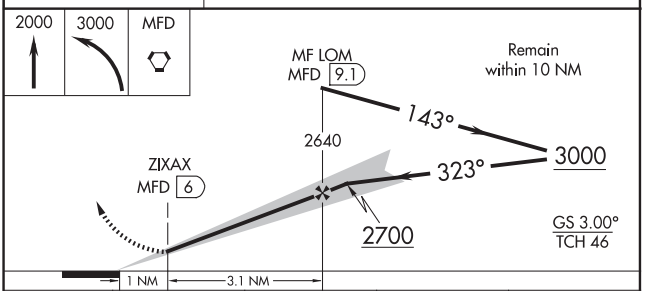
For inop ALS increase S-ILS 32 all Cats visibility to 1¼ SM.

MALSR

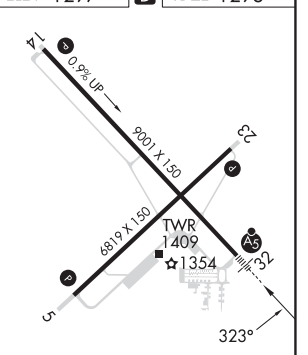
MISSED APPROACH: Climb to 2000 then climbing left turn to 3000 direct MFD VORTAC and hold.

ATIS	CLEVELAND APP CON ★	MANSFIELD TOWER ★	GND CON	UNICOM
125.3	128.35 360.65	119.8 (CTAF) L 291.775	121.8 291.775	122.95





ELEV 1297 D TDZE 1293



CATEGORY	A	B	C	D
S-ILS 32	1493/24 200 (200-½)			
S-LOC 32	1840/40 547 (600-¾)		1840/60 547 (600-1¼)	
C CIRCLING	1840-1 543 (600-1)		2000-2 703 (800-2)	2000-2¼ 703 (800-2¼)

REIL Rwys 5 and 23 L
HIRL Rwys 5-23 and 14-32 L

FAF to MAP 3.1 NM

Knots	60	90	120	150	180
Min:Sec	3:06	2:04	1:33	1:14	1:02

40°49′N-82°31′W

EC-2, 12 JUN 2025 to 07 AUG 2025

EC-2, 12 JUN 2025 to 07 AUG 2025

RNAV (GPS) RWY 5

MANSFIELD LAHM RGNL (MFD)

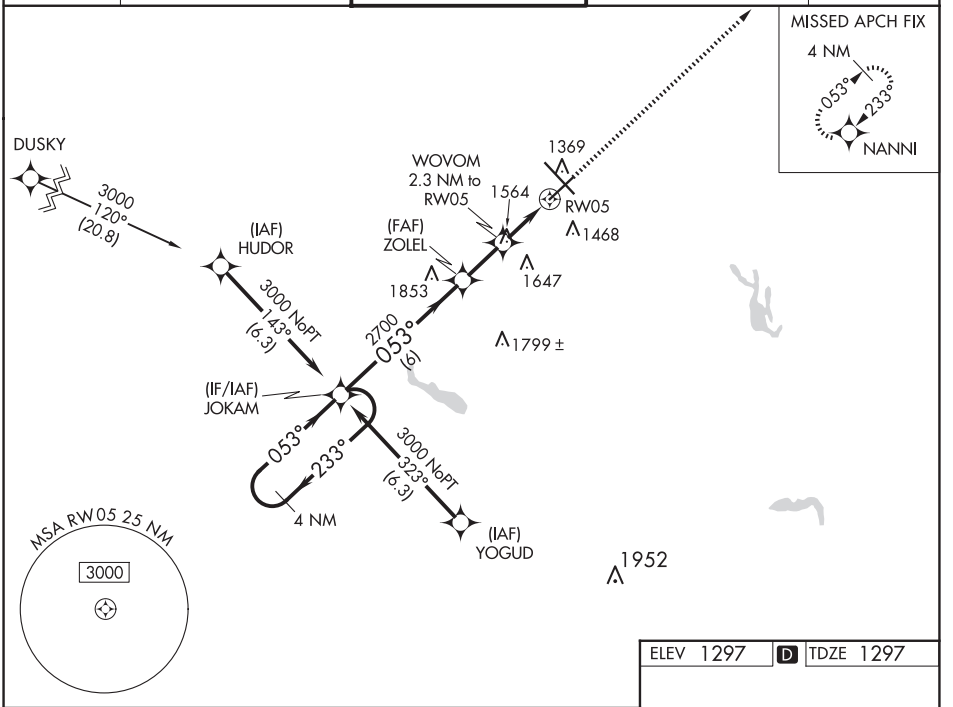
WAAS CH 86519 W05A	APP CRS 053°	Rwy Idg 6819 TDZE 1297 Apt Elev 1297

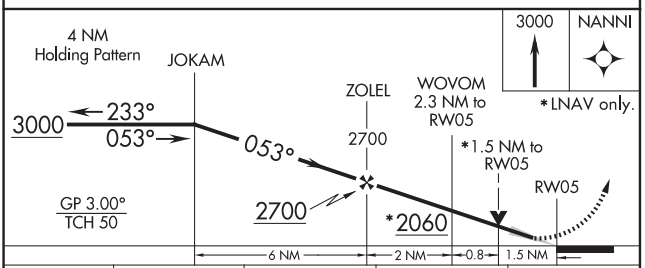
RNP APCH

T A For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -20°C (-4°F) or above 54°C (130°F).

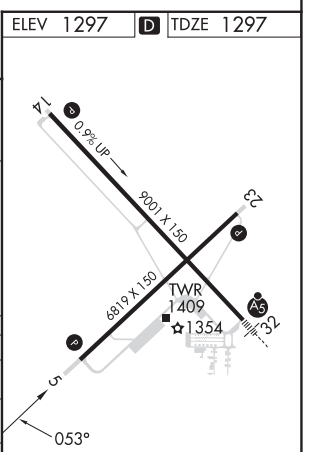
MISSED APPROACH: Climb to 3000 direct NANNI and hold.

ATIS	CLEVELAND APP CON ★	MANSFIELD TOWER ★	GND CON	UNICOM
125.3	128.35 360.65	119.8 (CTAF) L 291.775	121.8 291.775	122.95





CATEGORY	A	B	C	D
LPV DA	1547-7/8	250 (300-7/8)		
LNAV/VNAV DA	1590-1	293 (300-1)		
LNAV MDA	1820-1 523 (600-1)		1820-1½ 523 (600-1½)	
C CIRCLING	1820-1 523 (600-1)		2000-2 703 (800-2)	2000-2¼ 703 (800-2¼)



HIRL Rwys 5-23 and 14-32 L
REIL Rwys 5 and 23 L

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

RNAV (GPS) RWY 14

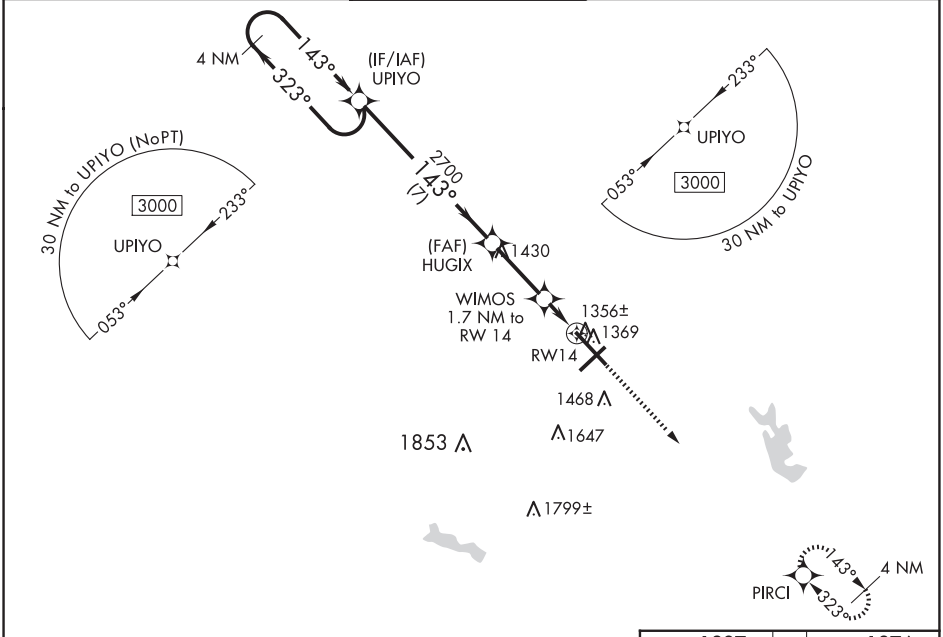
MANSFIELD LAHM RGNL (MFD)

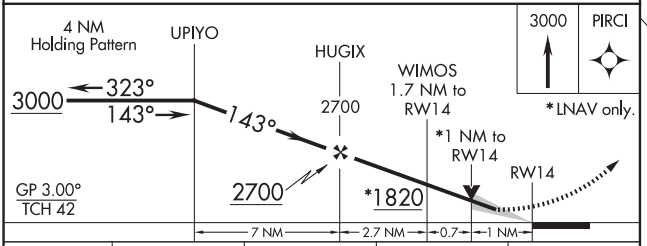
WAAS	APP CRS	Rwy Idg	9001
CH 53426	143°	TDZE	1276
W14A		Apt Elev	1297

For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -18°C (0°F) or above 36°C (96°F). When local altimeter not received, use Marion altimeter setting and increase all DA 107 feet and all MDA 120 feet, and LPV all Cats visibility to 1 SM, LNAV/VNAV all Cats, and LNAV Cat C/D to 1⅜ SM. Increase Circling Cat C/D visibility ½ SM. VDP and Baro-VNAV NA when using Marion altimeter setting.

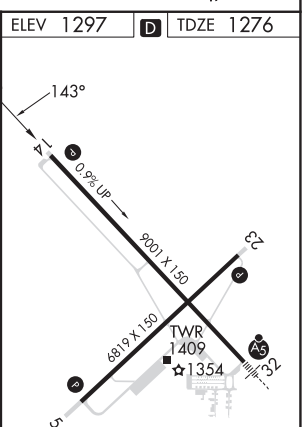
MISSED APPROACH: Climb to 3000 direct PIRCI and hold.

ATIS	CLEVELAND APP CON ★	MANSFIELD TOWER ★	GND CON	UNICOM
125.3	128.35 360.65	119.8 (CTAF) L 291.775	121.8 291.775	122.95





CATEGORY	A	B	C	D
LPV DA	1476-¾	200 (200-¾)		
LNAV/VNAV DA	1557-⅞	281 (300-⅞)		
LNAV MDA	1620-1	344 (400-1)		
C CIRCLING	1760-1 463 (500-1)		2000-2 703 (800-2)	2000-2¼ 703 (800-2¼)



HIRL Rwys 5-23 and 14-32 L
REIL Rwys 5 and 23 L

40°49′N-82°31′W

EC-2, 12 JUN 2025 to 07 AUG 2025

EC-2, 12 JUN 2025 to 07 AUG 2025

RNAV (GPS) RWY 23

MANSFIELD LAHM RGNL (MFD)

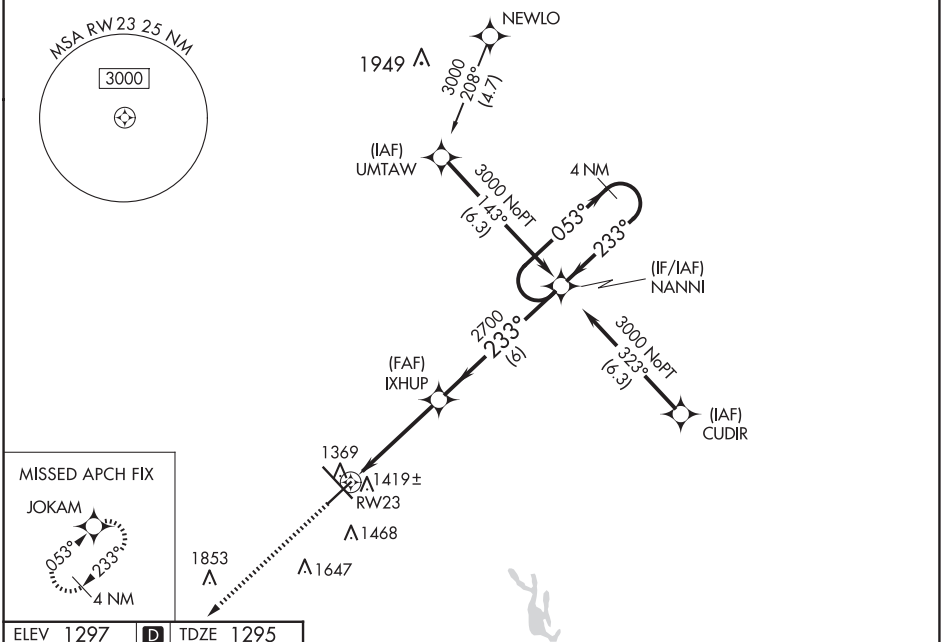
WAAS	APP CRS	Rwy Idg	6819
CH 87119	233°	TDZE	1295
W23A		Apt Elev	1297

RNP APCH.

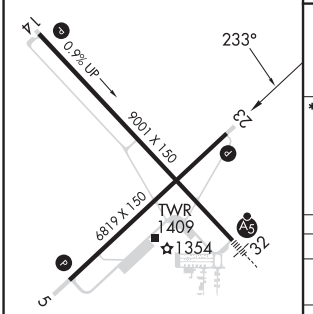
For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -20°C (-4°F) or above 54°C (130°F). Rwy 23 helicopter visibility reduction below ¾ SM NA.

MISSED APPROACH: Climb to 3000 direct JOKAM and hold.

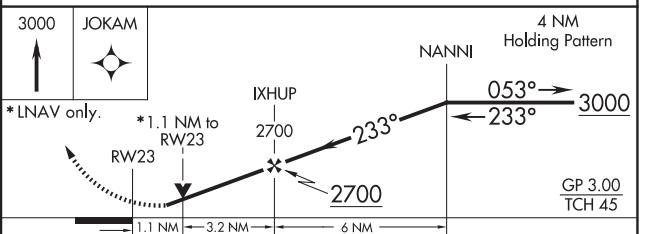
ATIS	CLEVELAND APP CON ★	MANSFIELD TOWER ★	GND CON	UNICOM
125.3	128.35 360.65	119.8 (CTAF) L 291.775	121.8 291.775	122.95



ELEV 1297 D TDZE 1295



HIRL Rwys 5-23 and 14-32 L
REIL Rwys 5 and 23 L



CATEGORY	A	B	C	D
LPV DA	1545-⅞ 250 (300-⅞)			
LNAV/VNAV DA	1619-1⅛ 324 (400-1⅛)			
LNAV MDA	1680-1 385 (400-1)		1680-1⅛ 385 (400-1⅛)	
C CIRCLING	1760-1 463 (500-1)		2000-2 703 (800-2)	2000-2¼ 703 (800-2¼)

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

MANSFIELD, OHIO | AL-860 (FAA) | 24305

RNAV (GPS) RWY 32

MANSFIELD LAHM RGNL (MFD)

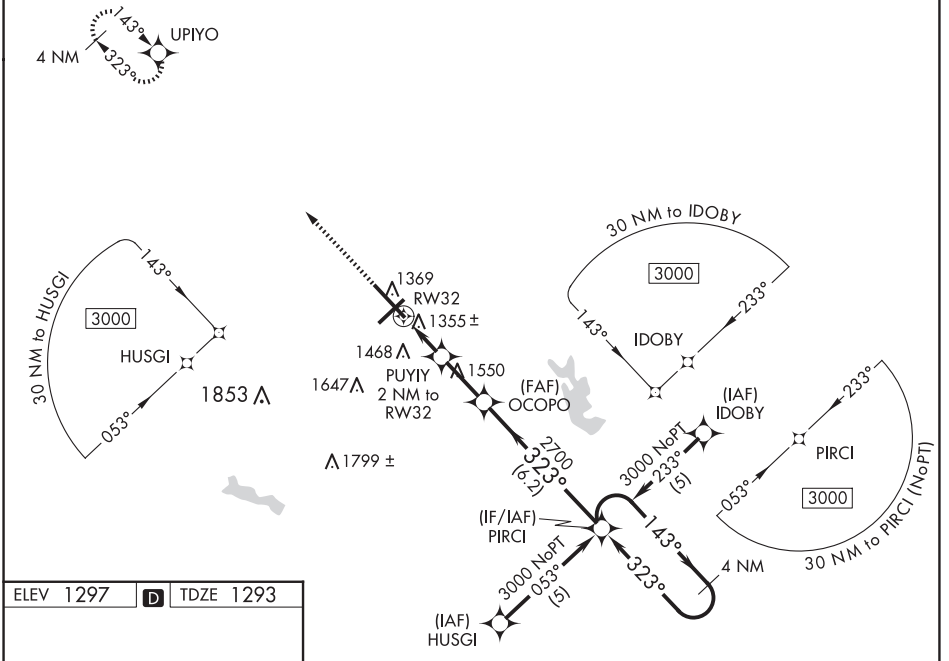
WAAS	APP CRS		
CH 99611	323°	Rwy Idg	9001
W32A		TDZE	1293
		Apt Elev	1297

T A Baro-VNAV NA when using Marion 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. When local altimeter not received, use Marion altimeter setting and increase all DA 107 feet and all MDA 120 feet, LNAV/VNAV all Cats visibility ½ SM, LNAV Cat C/D visibility ⅜ SM and Circling Cat C/D visibility ½ SM. For inop MALSR when using Marion altimeter setting increase LPV all Cats visibility to 1. VDP NA with Marion altimeter setting. ** RVR 1800 authorized with use of FD or AP or HUD to DA, NA when using Marion altimeter setting.

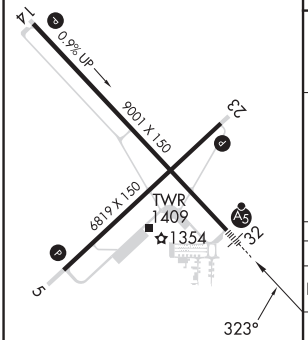
MALSR (A5)

MISSED APPROACH: Climb to 3000 direct UPIYO and hold.

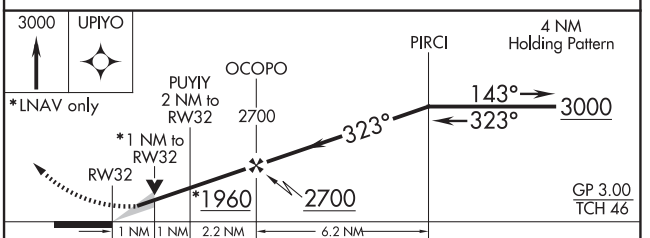
ATIS	CLEVELAND APP CON ★	MANSFIELD TOWER ★	GND CON	UNICOM
125.3	128.35 360.65	119.8 (CTAF) L 291.775	121.8 291.775	122.95



ELEV 1297 | D | TDZE 1293



HIRL Rwys 5-23 and 14-32 L
REIL Rwys 5 and 23 L



CATEGORY	A	B	C	D
LPV DA**	1493/24 200 (200-½)			
LNAV/VNAV DA	1789/60 496 (500-1¼)			
LNAV MDA	1660/24 367 (400-½)		1660/35 367 (400-⅝)	
C CIRCLING	1760-1 463 (500-1)		2000-2 703 (800-2)	2000-2¼ 703 (800-2¼)

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

VOR RWY 14

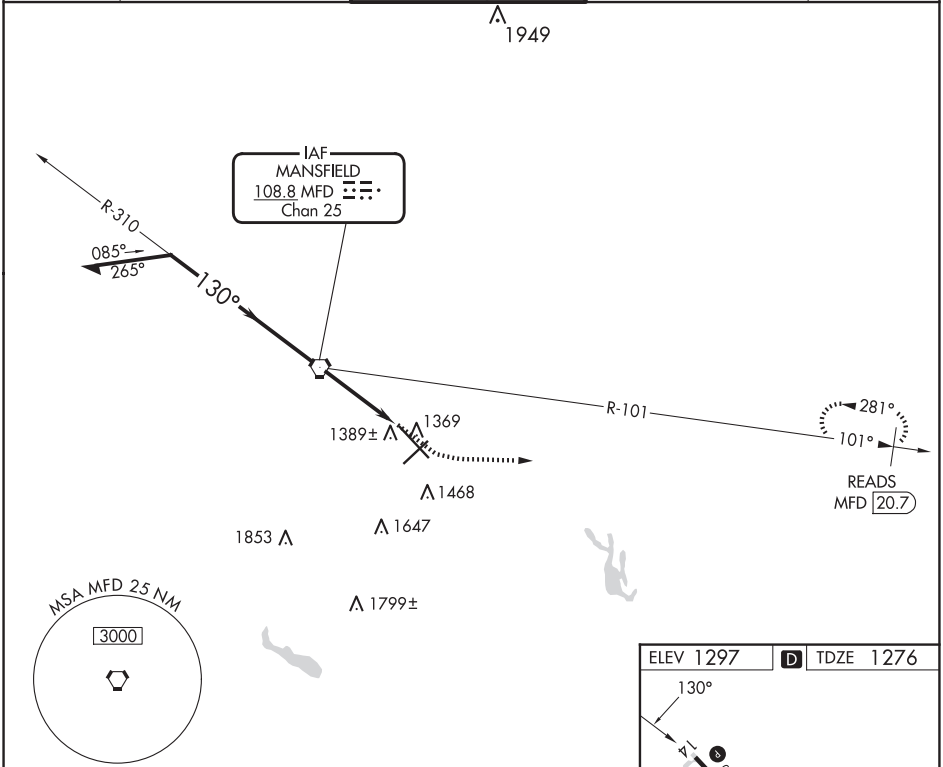
MANSFIELD LAHM RGNL (MFD)

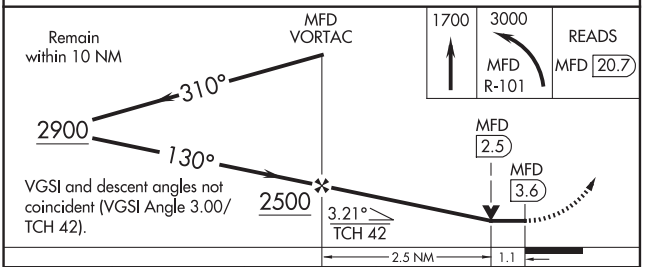
VORTAC MFD	APP CRS	Rwy Idg	9001
108.8	130°	TDZE	1276
Chan 25		Apt Elev	1297

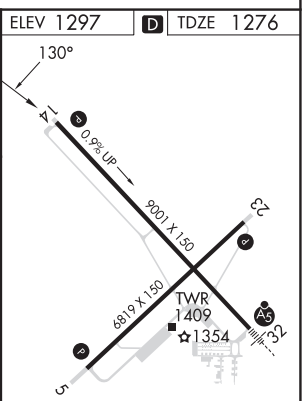
DME required. RADAR required for procedure entry.

MISSED APPROACH: Climb to 1700 then climbing left turn to 3000 on MFD VORTAC R-101 to READS/MFD 20.7 DME and hold.

ATIS	CLEVELAND APP CON ★	MANSFIELD TOWER ★	GND CON	UNICOM
125.3	128.35 360.65	119.8 (CTAF) L 291.775	121.8 291.775	122.95







CATEGORY	A	B	C	D
S-14	1640-1 364 (400-1)			
C CIRCLING	1760-1 463 (500-1)		2000-2 703 (800-2)	2000-2¼ 703 (800-2¼)

REIL Rwys 5 and 23 L
HIRL Rwys 5-23 and 14-32 L

FAF to MAP 3.6 NM

Knots	60	90	120	150	180
Min:Sec	3:36	2:24	1:48	1:26	1:12

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

MANSFIELD, OHIO | AL-860 (FAA) | 24305

VOR RWY 32

MANSFIELD LAHM RGNL (MFD)

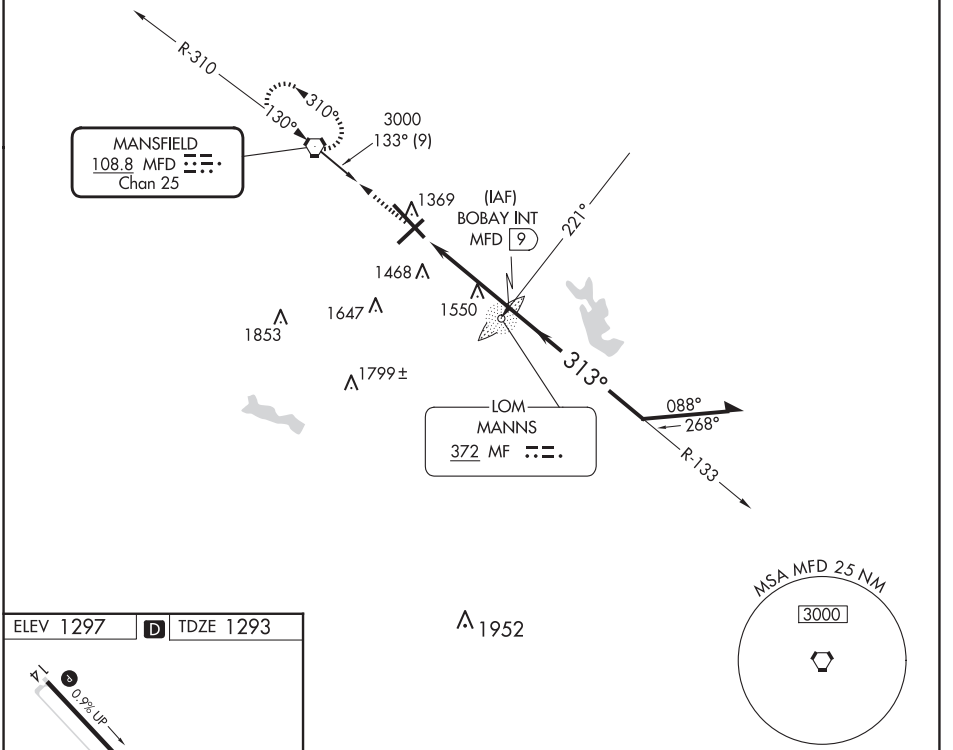
VORTAC MFD	APP CRS	Rwy Idg	9001
108.8	313°	TDZE	1293
Chan 25		Apt Elev	1297

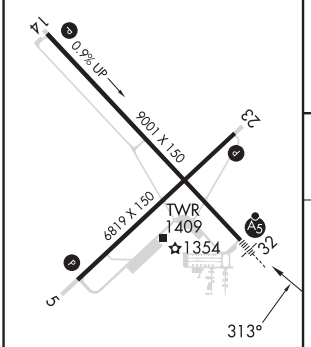
ADF or DME required. RADAR required for procedure entry.

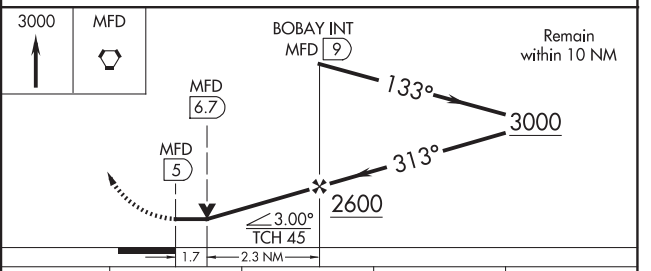
MALSR

MISSED APPROACH: Climb to 3000 direct MFD VORTAC and hold.

ATIS	CLEVELAND APP CON ★	MANSFIELD TOWER ★	GND CON	UNICOM
125.3	128.35 360.65	119.8 (CTAF) L 291.775	121.8 291.775	122.95







REIL Rwys 5 and 23 L
HIRL Rwys 5-23 and 14-32 L

FAF to MAP 4 NM

Knots	60	90	120	150	180
Min:Sec	4:00	2:40	2:00	1:36	1:20

CATEGORY	A	B	C	D
S-32	1860/24	567 (600-½)	1860/50 567 (600-1)	1860/60 567 (600-1¼)
C CIRCLING	1860-1	563 (600-1)	2000-2 703 (800-2)	2000-2¼ 703 (800-2¼)

MANSFIELD, OHIO
Amdt 7B 24MAY18

40°49′N-82°31′W

MANSFIELD LAHM RGNL (MFD)

VOR RWY 32

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

NDB RWY 32

MANSFIELD LAHM RGNL (MFD)

LOM MF	APP CRS	Rwy Idg	9001
372	323°	TDZE	1293
		Apt Elev	1297

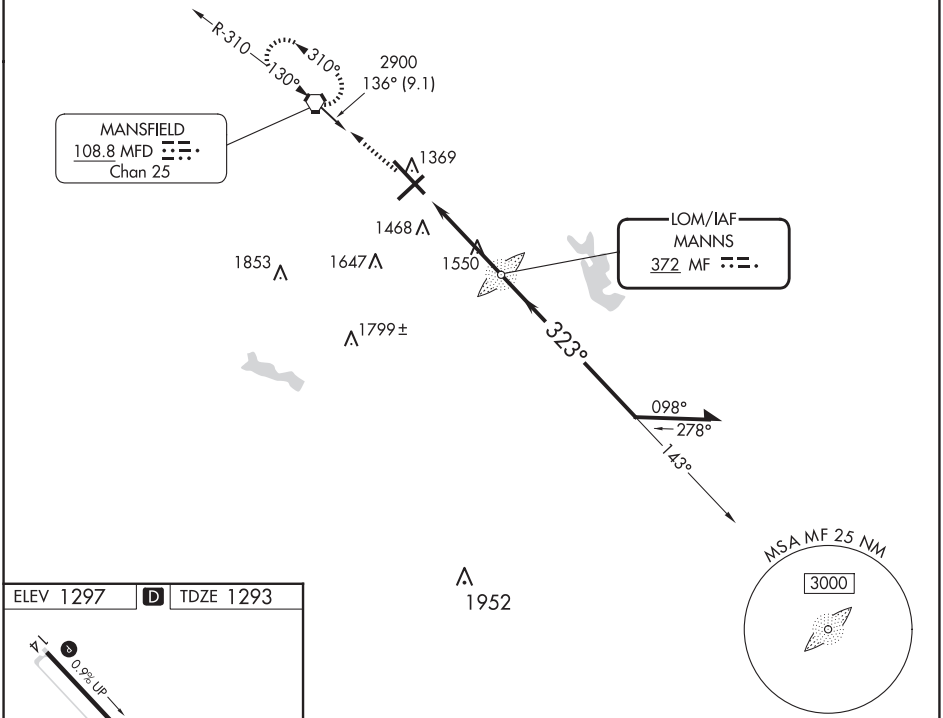
RADAR required for procedure entry.

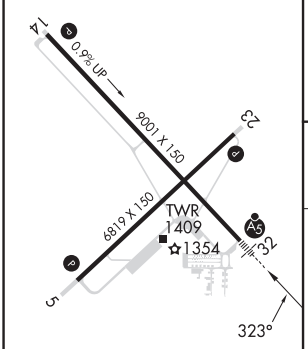
For inoperative ALS increase Cats A/B visibility to RVR 5500 and Cats C/D visibility to 1¾ SM.

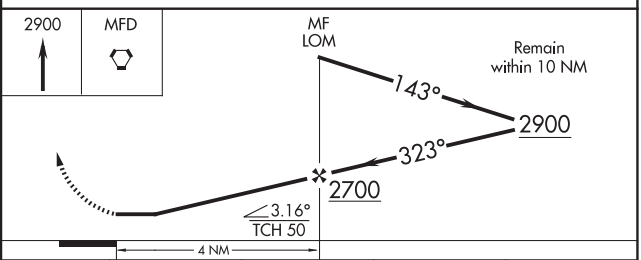
MALSR

MISSED APPROACH: Climb to 2900 direct MFD VORTAC and hold.

ATIS	CLEVELAND APP CON ★	MANSFIELD TOWER ★	GND CON	UNICOM
125.3	128.35 360.65	119.8 (CTAF) L 291.775	121.8 291.775	122.95







HIRL Rwys 5-23 and 14-32 L

REIL Rwys 5 and 23 L

FAF to MAP 4 NM

Knots	60	90	120	150	180
Min:Sec	4:00	2:40	2:00	1:36	1:20

CATEGORY	A	B	C	D
S-32	1900/40	607 (700-¾)	1900-1⅜	607 (700-1⅜)
C CIRCLING	1900-1	603 (700-1)	2000-2 703 (800-2)	2000-2¼ 703 (800-2¼)

EC-2, 12 JUN 2025 to 07 AUG 2025

EC-2, 12 JUN 2025 to 07 AUG 2025

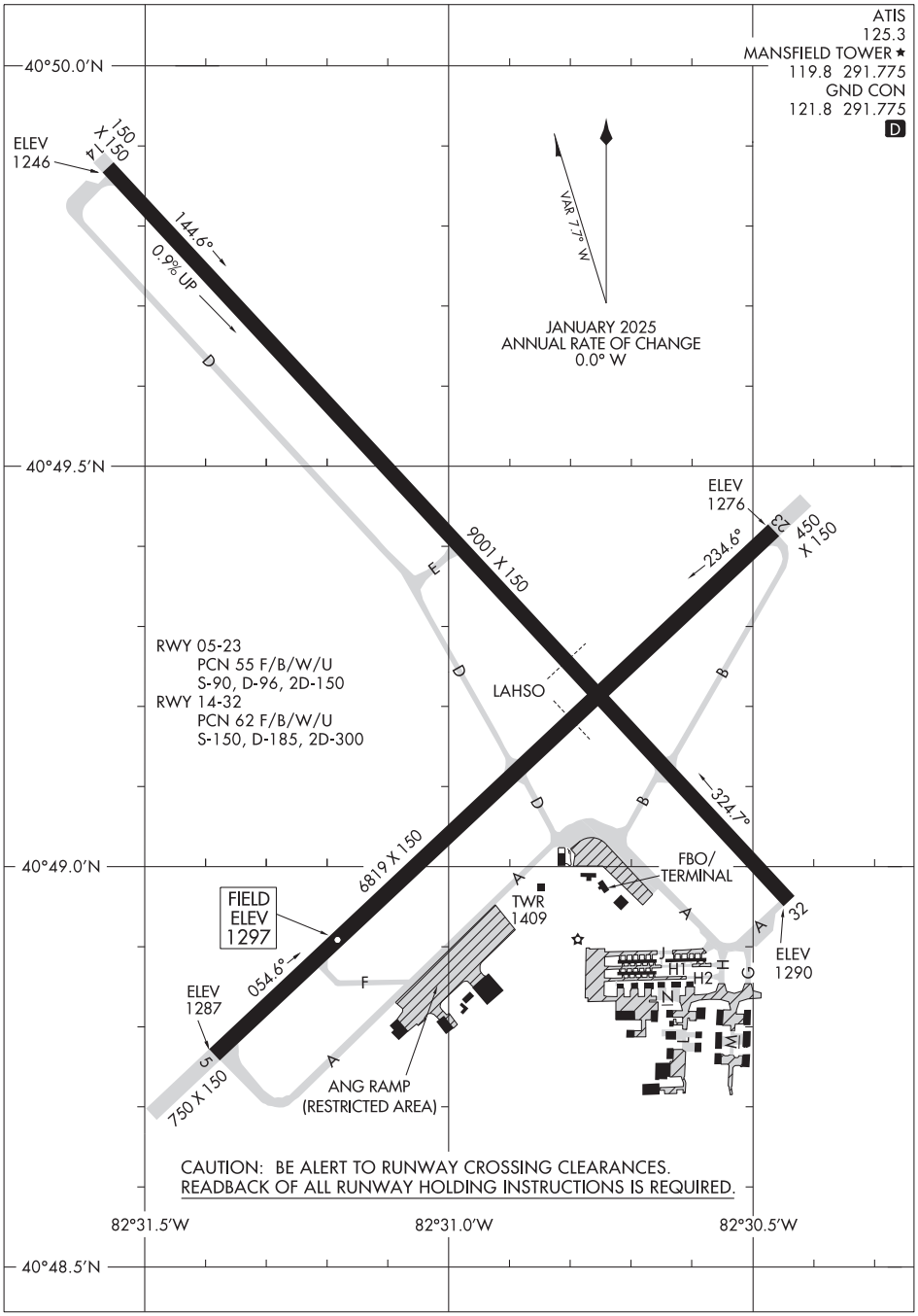
25107

AIRPORT DIAGRAM

AL-860 (FAA)

MANSFIELD LAHM RGNL (MFD)

MANSFIELD, OHIO



EC-2, 12 JUN 2025 to 07 AUG 2025

EC-2, 12 JUN 2025 to 07 AUG 2025

AIRPORT DIAGRAM
25107
MANSFIELD, OHIO
MANSFIELD LAHM RGNL (MFD)

LOC I-MZZ	APP CRS	Rwy Ldg	6011
111.7	041°	TDZE	858
		Apt Elev	859

ILS or LOC RWY 4

MARION MUNI - MCKINNEY FLD (MZZ)

DME required.

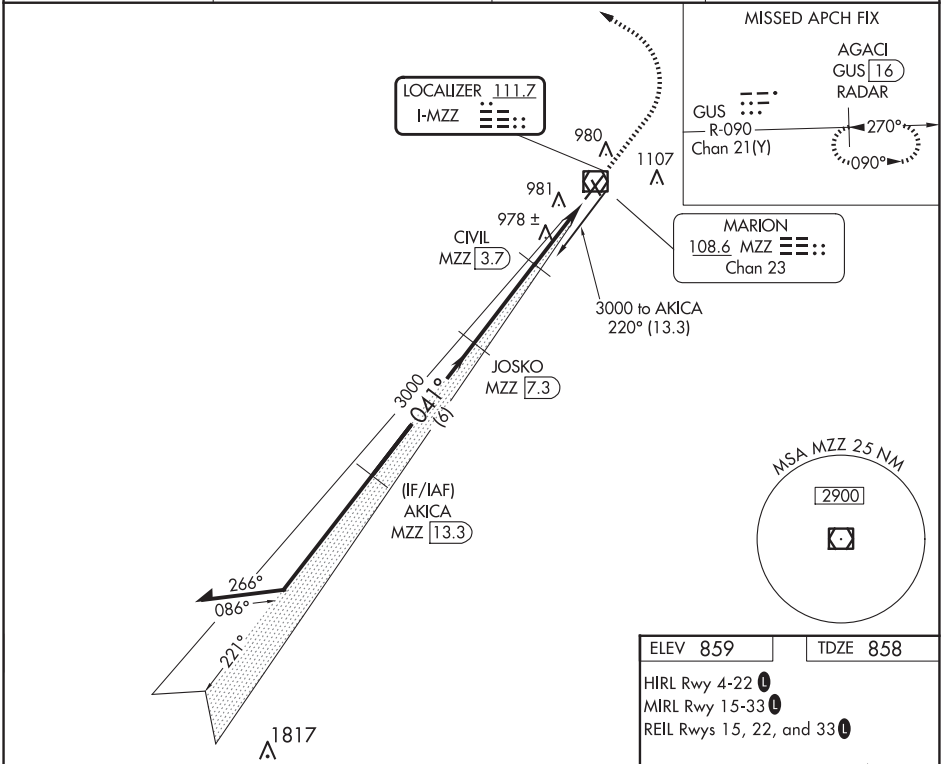
DME from MZZ VOR/DME. Simultaneous reception of I-MZZ and MZZ DME required. For inop ALS, increase S-LOC 4 Cats C and D visibility to 1⅛ SM. Circling Rwy 15 NA at night.

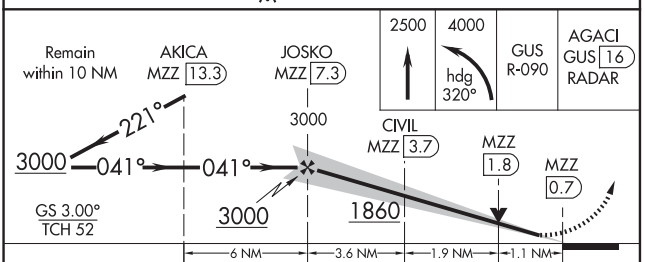
NA

MALSR

MISSED APPROACH: Climb to 2500 then climbing left turn to 4000 on heading 320° to intercept GUS VORTAC R-090 to AGACI/ GUS VORTAC 16 DME/RADAR and hold.

AWOS-3	GRISSOM APP CON ★	CLNC DEL	UNICOM
108.6	121.05 338.275	120.0	122.7 (CTAF) L

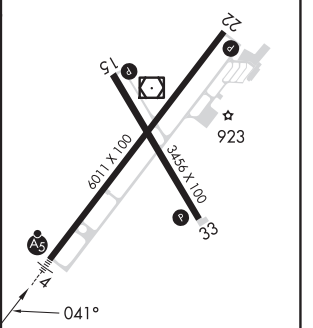




CATEGORY	A	B	C	D
S-ILS 4	1058-½	200 (200-½)		
S-LOC 4	1260-½	402 (500-½)	1260-¾	402 (500-¾)
C CIRCLING	1300-1 441 (500-1)	1320-1 461 (500-1)	1420-1½ 561 (600-1½)	1500-2 641 (700-2)

ELEV 859 TDTE 858

HIRL Rwy 4-22 L
MIRL Rwy 15-33 L
REIL Rwys 15, 22, and 33 L



FAF to MAP 6.6 NM

Knots	60	90	120	150	180
Min:Sec	6:34	4:22	3:17	2:37	2:11

EC-2, 12 JUN 2025 to 07 AUG 2025

EC-2, 12 JUN 2025 to 07 AUG 2025

MARION, INDIANA | AL-5064 (FAA) | 25107

RNAV (GPS) RWY 4

MARION MUNI - MCKINNEY FLD (MZZ)

WAAS	APP CRS	Rwy Idg	6011
CH 60906	041°	TDZE	858
W04A		Apt Elev	859

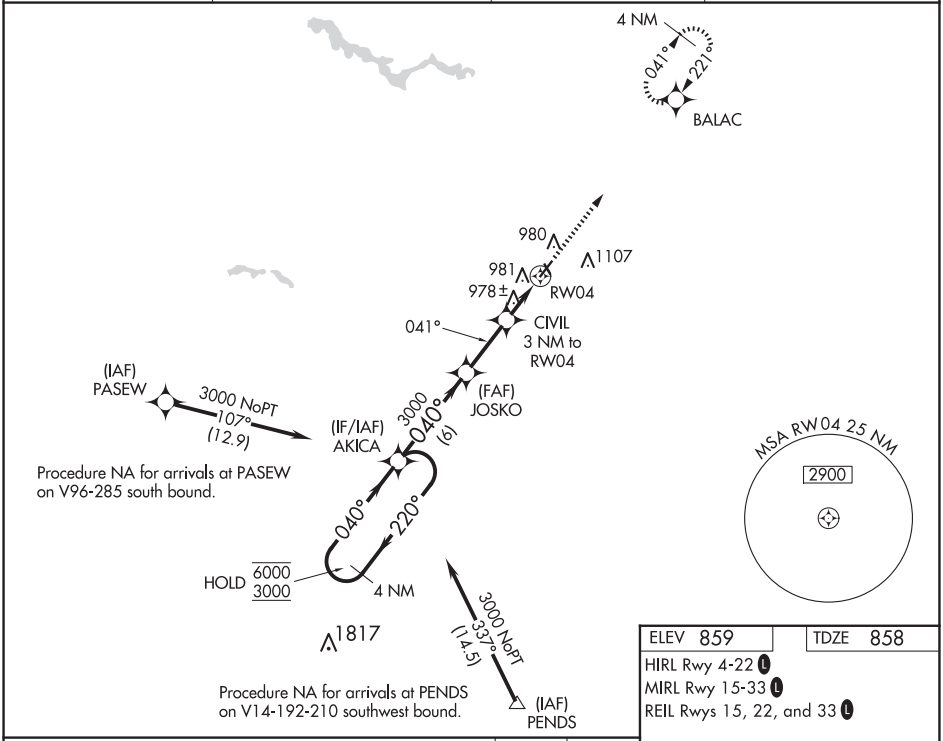
RNP APCH - GPS.

T A — For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -16°C or above 54°C. Circling to Rwy 15 NA at night.

MALSR (A5)

MISSED APPROACH: Climb to 3000 direct BALAC and hold.

AWOS-3	GRISSOM APP CON ★	CLNC DEL	UNICOM
108.6	121.05 338.275	120.0	122.7 (CTAF) L



EC-2, 12 JUN 2025 to 07 AUG 2025

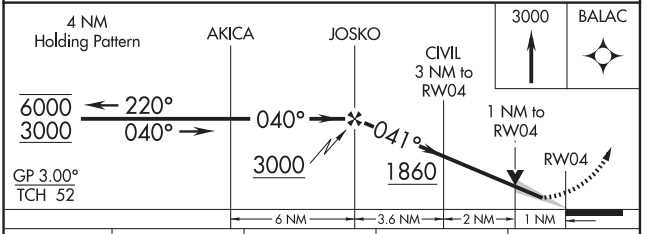
EC-2, 12 JUN 2025 to 07 AUG 2025

ELEV 859 | TDZE 858

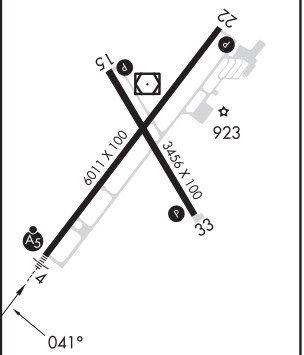
HIRL Rwy 4-22 L

MIRL Rwy 15-33 L

REIL Rwys 15, 22, and 33 L



CATEGORY	A	B	C	D
LPV DA	1058-½ 200 (200-½)			
LNAV/VNAV DA	1247-⅝ 389 (400-⅝)			
LNAV MDA	1240-½ 382 (400-½)		1240-⅝ 382 (400-⅝)	
C CIRCLING	1300-1 441 (500-1)	1320-1 461 (500-1)	1420-1½ 561 (600-1½)	1500-2 641 (700-2)



MARION, INDIANA
Amdt 1A 13JUN24

40°29'N-85°41'W

MARION MUNI - MCKINNEY FLD (MZZ)

RNAV (GPS) RWY 4

APP CRS	Rwy Idg	3456
153°	TDZE	859
	Apt Elev	859

RNAV (GPS) RWY 15

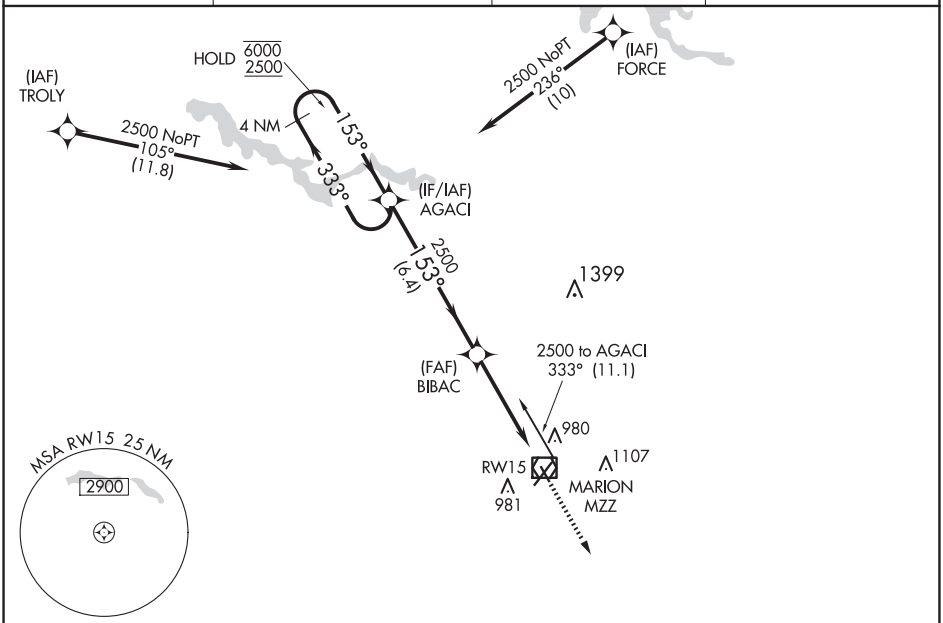
MARION MUNI - MCKINNEY FLD (MZZ)

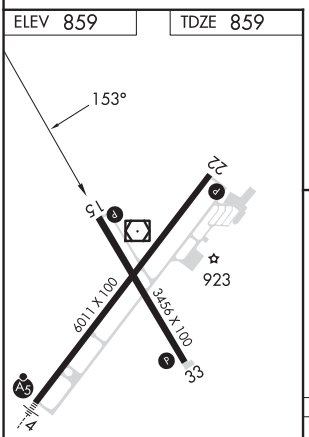
RNP APCH - GPS.

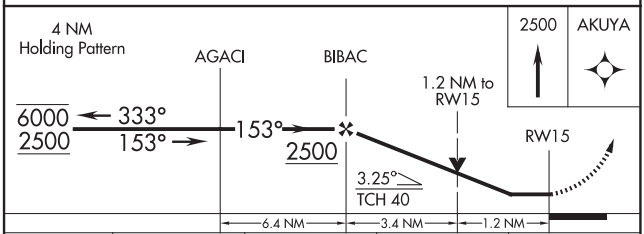
Rwy 15 helicopter visibility reduction below ¾ SM NA.
Circling Rwy 15 NA at night.

MISSED APPROACH: Climb to 2500 direct AKUYA and hold.

AWOS-3	GRISSOM APP CON ★	CLNC DEL	UNICOM
108.6	121.05 338.275	120.0	122.7 (CTAF) L







CATEGORY	A	B	C	D
LNAV MDA	1300-1 441 (500-1)		1300-1⅜ 441 (500-1⅜)	
C CIRCLING	1300-1 441 (500-1)	1320-1 461 (500-1)	1420-1½ 561 (600-1½)	1500-2 641 (700-2)

HIRL Rwy 4-22 L
MIRL Rwy 15-33 L
REIL Rwys 15, 22, and 33 L

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

MARION, INDIANA | AL-5064 (FAA) | 25107

APP CRS	Rwy Idg	6011
221°	TDZE	859
	Apt Elev	859

RNAV (GPS) RWY 22

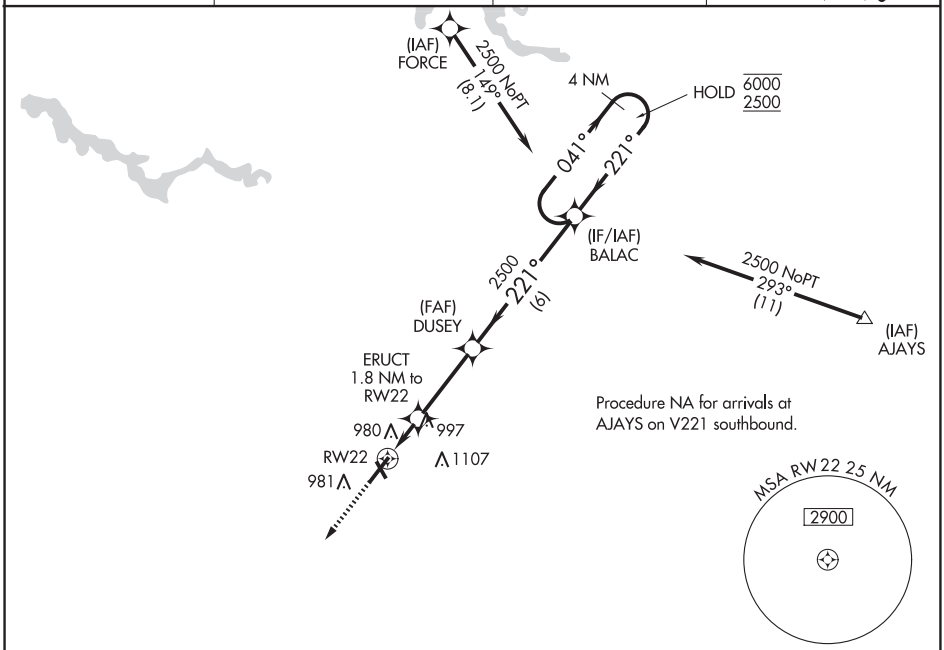
MARION MUNI - MCKINNEY FLD (MZZ)

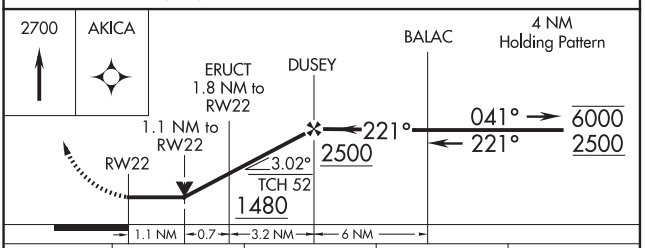
RNP APCH - GPS.

Rwy 22 helicopter visibility reduction below ¾ SM NA. Circling Rwy 15 NA at night.

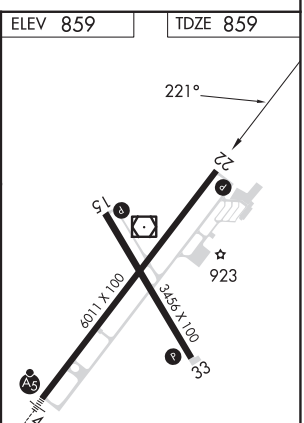
MISSED APPROACH: Climb to 2700 direct AKICA and hold.

AWOS-3	GRISSOM APP CON ★	CLNC DEL	UNICOM
108.6	121.05 338.275	120.0	122.7 (CTAF) L





CATEGORY	A	B	C	D
LNAV MDA	1260-1 401 (500-1)		1260-1⅛ 401 (500-1⅛)	
C CIRCLING	1300-1 441 (500-1)	1320-1 461 (500-1)	1420-1½ 561 (600-1½)	1500-2 641 (700-2)



MARION, INDIANA
Amdt 1A 13JUN24

40°29'N-85°41'W

MARION MUNI - MCKINNEY FLD (MZZ)

RNAV (GPS) RWY 22

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

RNAV (GPS) RWY 33

MARION MUNI - MCKINNEY FLD (MZZ)

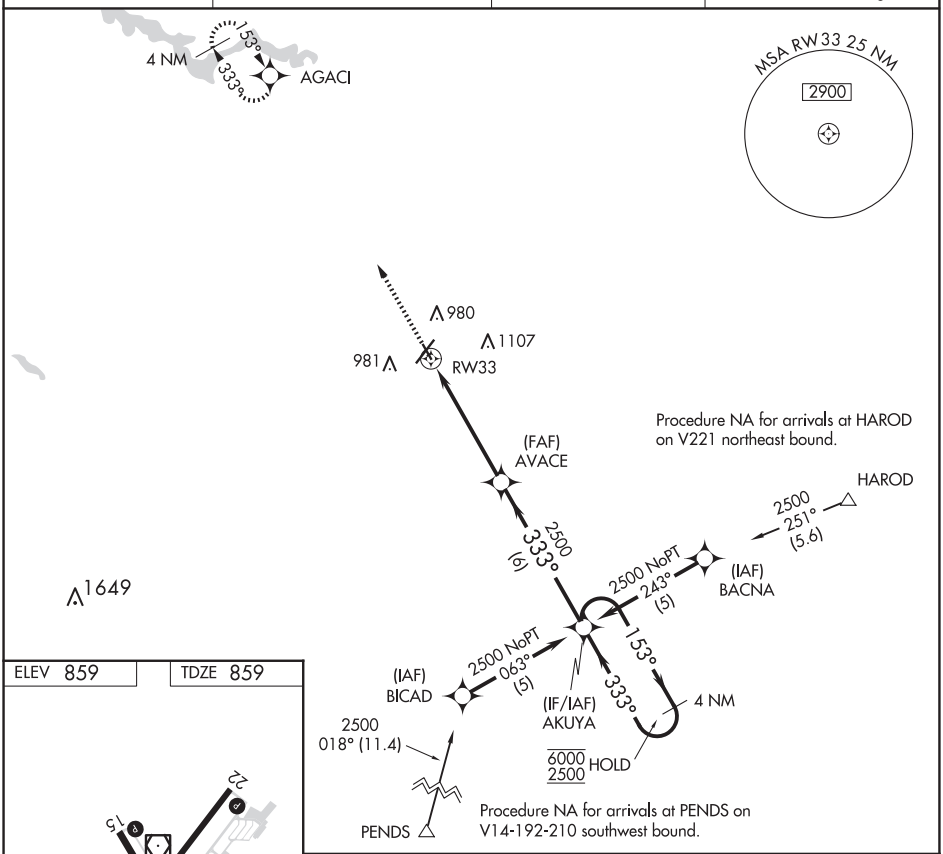
APP CRS	Rwy Idg	3456
333°	TDZE	859
	Apt Elev	859

RNP APCH - GPS.

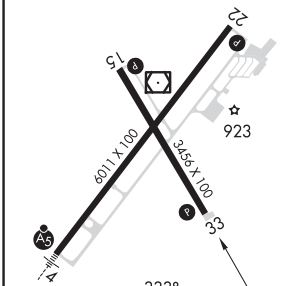
T A Rwy 33 helicopter visibility reduction below ¾ SM NA. Circling Rwy 15 NA at night.

MISSED APPROACH: Climb to 2500 direct AGACI and hold.

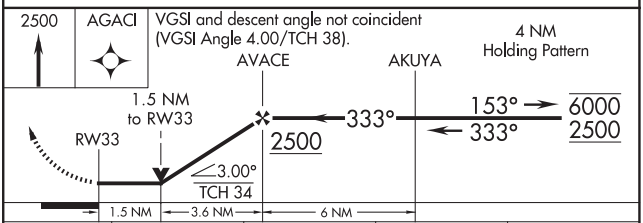
AWOS-3	GRISSOM APP CON ★	CLNC DEL	UNICOM
108.6	121.05 338.275	120.0	122.7 (CTAF) L



ELEV 859 TDZE 859



HIRL Rwy 4-22 L
MIRL Rwy 15-33 L
REIL Rwys 15, 22, and 33 L



CATEGORY	A	B	C	D
LNAV MDA	1340-1	481 (500-1)	1340-1⅜	481 (500-1⅜)
C CIRCLING	1340-1	481 (500-1)	1420-1½ 561 (600-1½)	1500-2 641 (700-2)

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

MARION, INDIANA | AL-5064 (FAA) | 25107

VOR RWY 15

MARION MUNI - MCKINNEY FLD (MZZ)

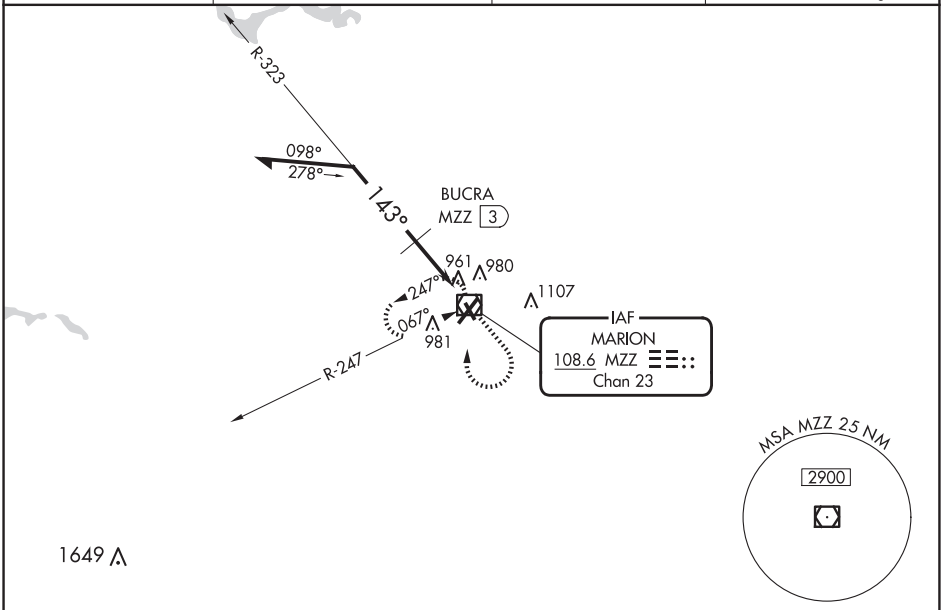
VOR/DME MZZ	APP CRS	Rwy Idg	3456
108.6	143°	TDZE	859
Chan 23		Apt Elev	859

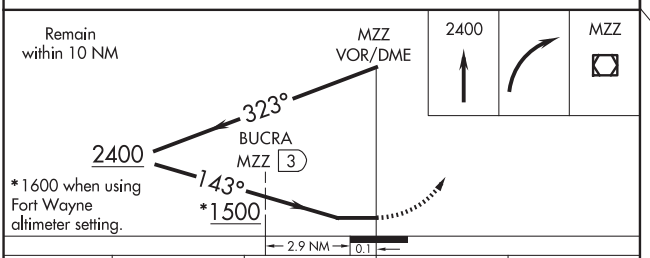
When local altimeter setting not received, use Fort Wayne Intl altimeter setting and increase all MDA 100 feet, increase S-15 Cat B/C/D visibility ¼ SM, increase Circling Cat B/C/D visibility ½ SM; BUCRA fix minimums: increase S-15 Cat C/D visibility ⅜ SM, increase Circling Cat C/D visibility ½ SM. Rwy 15 helicopter visibility reduction below 1 SM NA. Circling Rwy 15 NA at night. Straight-in Rwy 15 NA at night.

NA

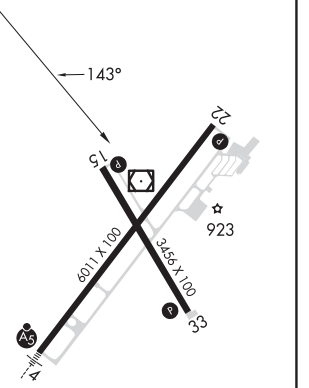
MISSED APPROACH: Climb to 2400 then right turn direct MZZ VOR/DME and hold.

AWOS-3	GRISSOM APP CON *	CLNC DEL	UNICOM
108.6	121.05 338.275	120.0	122.7 (CTAF) L





CATEGORY	A	B	C	D
S-15	1500-1 641 (700-1)		1500-1¾ 641 (700-1¾)	1500-2 641 (700-2)
C CIRCLING	1500-1 641 (700-1)		1500-1⅞ 641 (700-1⅞)	1500-2 641 (700-2)
BUCRA FIX MINIMUMS				
S-15	1240-1 381 (400-1)			1240-1¼ 381 (400-1¼)
C CIRCLING	1300-1 441 (500-1)	1320-1 461 (500-1)	1420-1½ 561 (600-1½)	1500-2 641 (700-2)



HIRL Rwy 4-22 L
MIRL Rwy 15-33 L
REIL Rwys 15, 22, and 33 L

MARION, INDIANA
Amdt 10G 13JUN24

40°29′N-85°41′W

MARION MUNI - MCKINNEY FLD (MZZ)

VOR RWY 15

EC-2, 12 JUN 2025 to 07 AUG 2025

EC-2, 12 JUN 2025 to 07 AUG 2025

WAAS	APP CRS	Rwy Idg	5000
CH 93604	065°	TDZE	990
W07A		Apt Elev	993

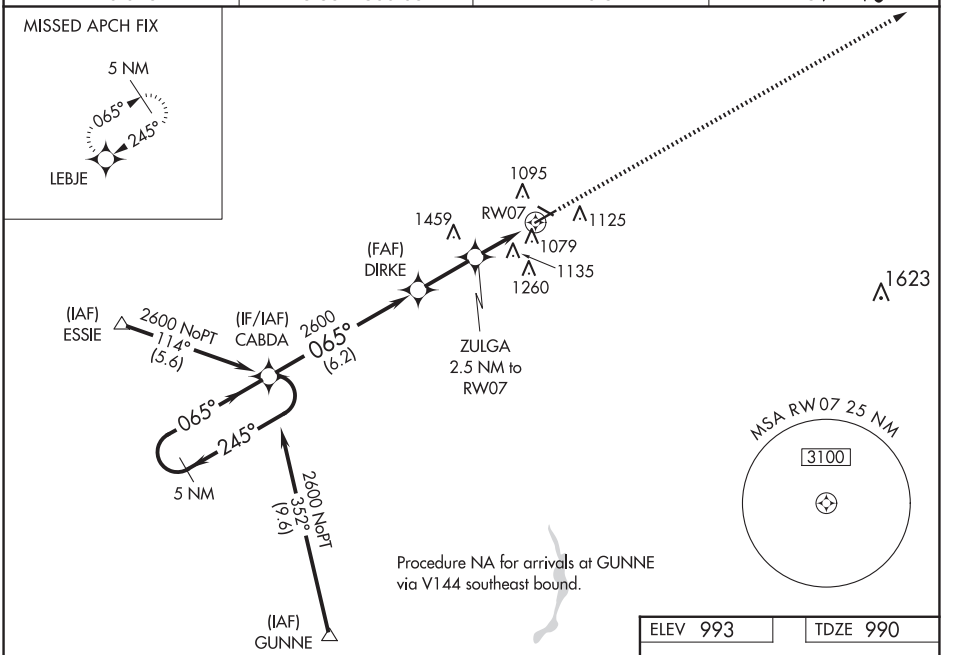
RNAV (GPS) RWY 7

MARION MUNI (MNN)

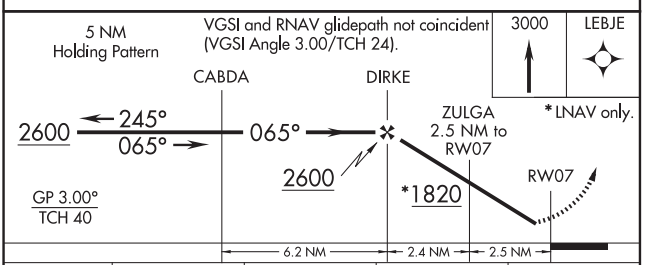
When local altimeter setting not received, use Ohio State University altimeter setting and increase LPV DA to 1327 feet, increase LNAV/VNAV DA to 1574 feet; increase all MDAs 100 feet and visibility Cat C/D ¼ SM. Baro-VNAV NA when using Ohio State University altimeter setting. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -16°C (4°F) or above 46°C (114°F). Visibility reduction by helicopters NA. DME/DME RNP-0.3 NA.

MISSED APPROACH: Climb to 3000 direct LEBJE and hold.

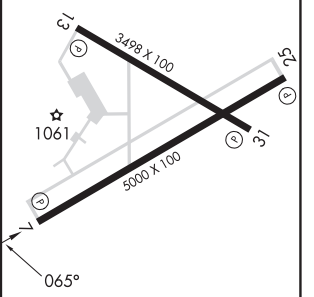
ASOS	CLEVELAND APP CON ★	CLNC DEL	UNICOM
119.975	128.35 360.65	126.8	122.8 (CTAF) L



ELEV 993 TDZE 990



CATEGORY	A	B	C	D
LPV DA	1240-1 250 (300-1)			
LNAV/VNAV DA	1379-1½ 389 (400-1½)			
LNAV MDA	1440-1 450 (500-1)		1440-1¼ 450 (500-1¼)	1440-1½ 450 (500-1½)
CIRCLING	1480-1 487 (500-1)	1500-1 507 (600-1)	1700-2 707 (800-2)	1820-2¾ 827 (900-2¾)



REIL Rwys 7, 13, 25 and 31 L
MIRL Rwys 7-25 and 13-31 L

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

MARION, OHIO AL-5352 (FAA) 24193

APP CRS	Rwy Idg	3498
125°	TDZE	991
	Apt Elev	993

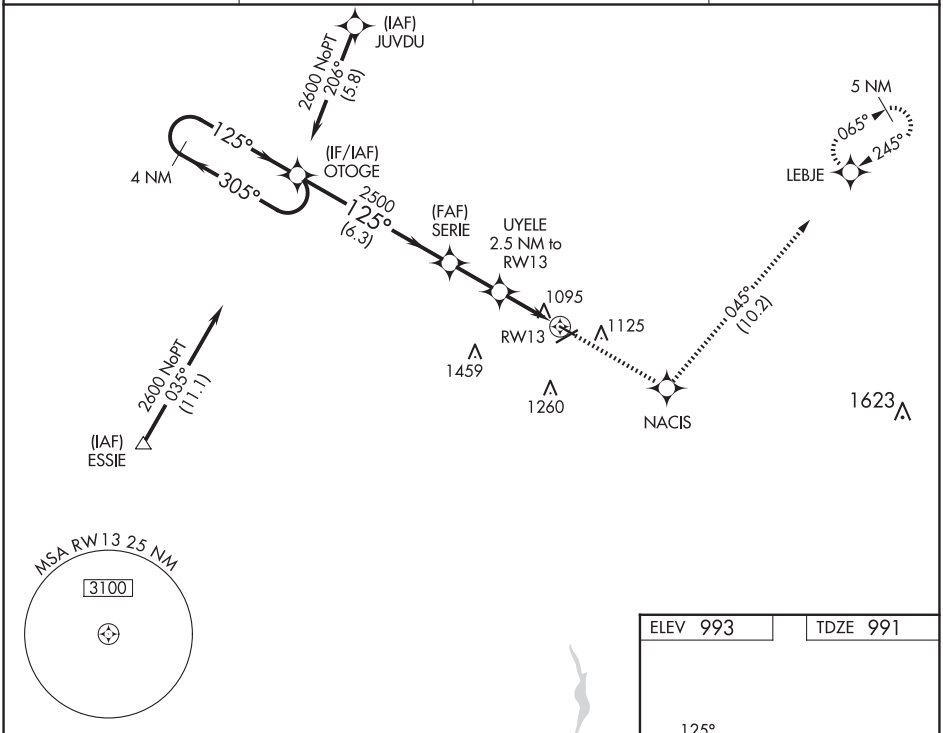
RNAV (GPS) RWY 13
MARION MUNI (MNN)

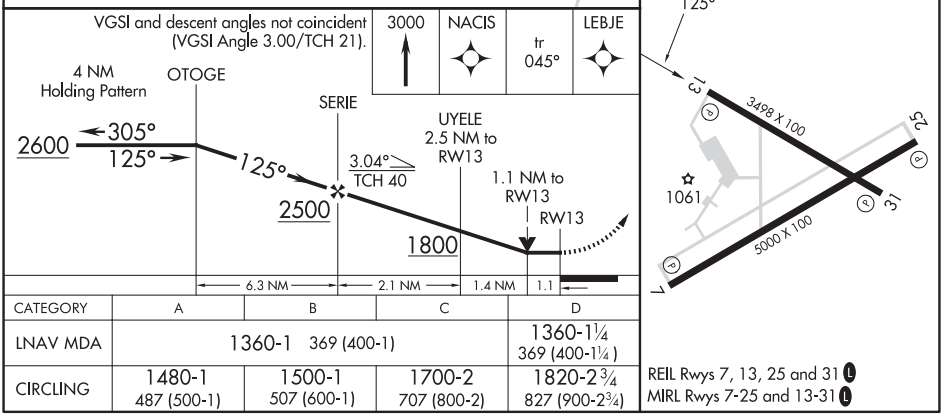
RNP APCH.

Rwy 13 helicopter visibility reduction below ¾ SM NA. VDP NA when using Ohio State University altimeter setting. When local altimeter setting not received, use Ohio State University altimeter setting: increase all MDAs 100 feet and visibility Cat C/D ⅜ SM.

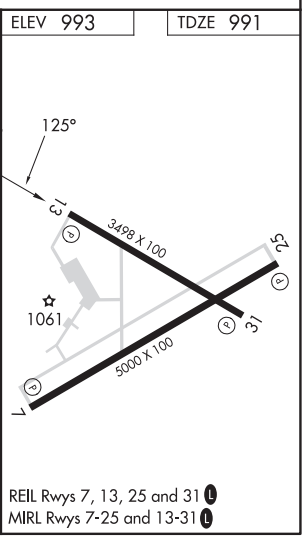
MISSED APPROACH: Climb to 3000 direct NACIS and on track 045° to LEBJE and hold.

ASOS	CLEVELAND APP CON ★	CLNC DEL	UNICOM
119.975	128.35 360.65	126.8	122.8 (CTAF) L





CATEGORY	A	B	C	D
LNAV MDA	1360-1 369 (400-1)			1360-1¼ 369 (400-1¼)
CIRCLING	1480-1 487 (500-1)	1500-1 507 (600-1)	1700-2 707 (800-2)	1820-2¾ 827 (900-2¾)



REIL Rwys 7, 13, 25 and 31 L
MIRL Rwys 7-25 and 13-31 L

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

WAAS	APP CRS	Rwy Idg	5000
CH 62904	245°	TDZE	993
W25A		Apt Elev	993

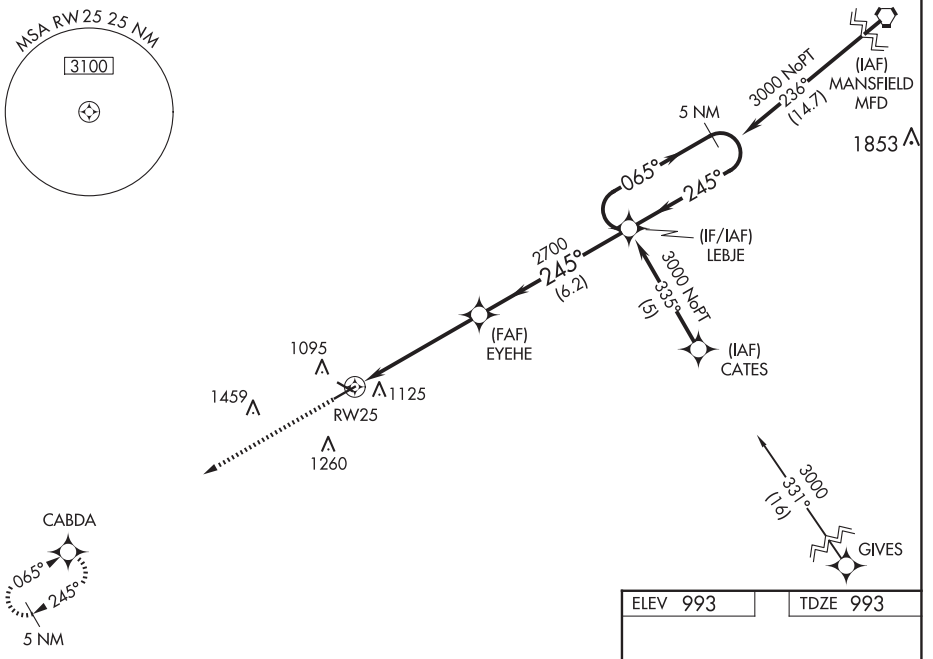
RNAV (GPS) RWY 25
MARION MUNI (MNN)

RNP APCH.

For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -16°C (4°F) or above 54°C (130°F). Baro-VNAV and VDP NA when using Ohio State University altimeter setting. Rwy 25 helicopter visibility reduction below ¾ SM NA. When local altimeter setting not received, use Ohio State University altimeter setting and increase LPV DA to 1421 feet, increase LNAV/VNAV DA to 1530 feet; increase all MDAs 100 feet and visibility Cat C/D ¼ SM.

MISSED APPROACH: Climb to 2600 direct CABDA and hold.

ASOS	CLEVELAND APP CON ★	CLNC DEL	UNICOM
119.975	128.35 360.65	126.8	122.8 (CTAF) L

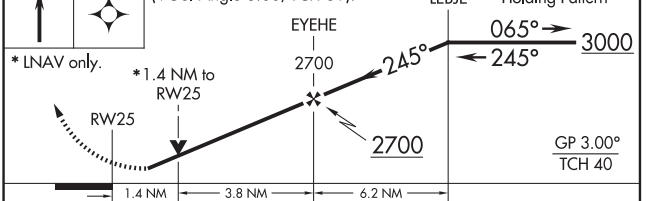


ELEV 993	TDZE 993

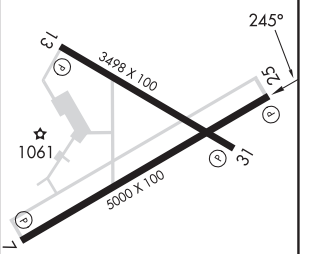
2600 CABDA

VGSI and RNAV glidepath not coincident (VGSI Angle 3.00/TCH 31).

5 NM Holding Pattern



* LNAV only.



CATEGORY	A	B	C	D
LPV DA	1334-1¼ 341 (400-1¼)			
LNAV/VNAV DA	1443-1½ 450 (500-1½)			
LNAV MDA	1460-1 467 (500-1)		1460-1⅝ 467 (500-1⅝)	
CIRCLING	1480-1 487 (500-1)	1500-1 507 (600-1)	1700-2 707 (800-2)	1820-2¾ 827 (900-2¾)

REIL Rwys 7, 13, 25 and 31 L
MIRL Rwys 7-25 and 13-31 L

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

MARION, OHIO AL-5352 (FAA) 24193

VOR BUD	APP CRS	Rwy Idg	N/A
109.8	261°	TDZE	N/A
		Apt Elev	993

VOR-A

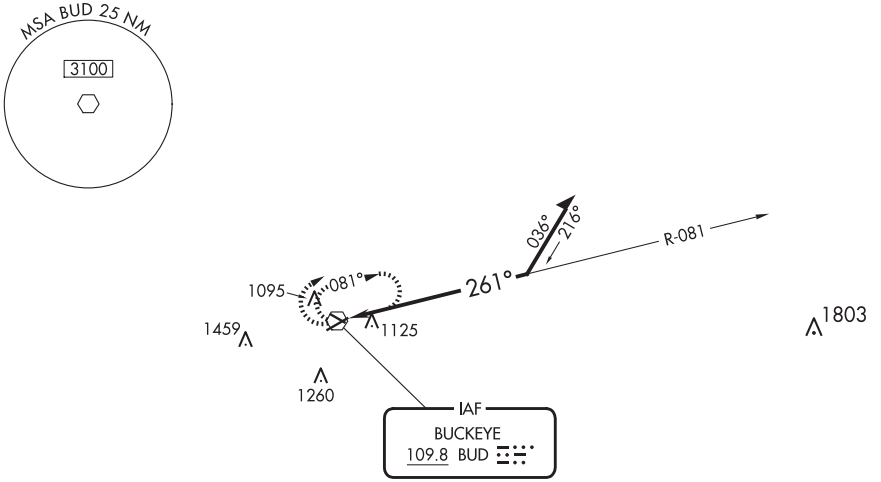
MARION MUNI (MNN)

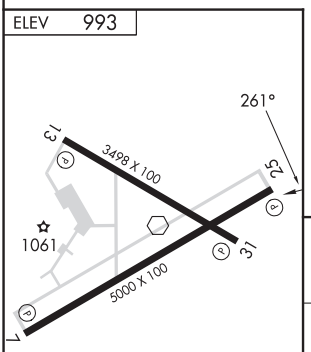
RADAR required for procedure entry.

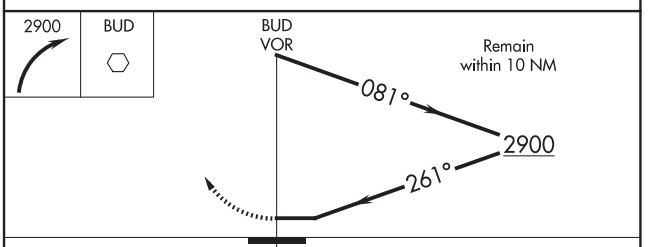
When local altimeter setting not received, use Ohio State University altimeter setting: increase MDA 100 feet and visibility Cat C/D ¼ SM.

MISSED APPROACH: Climbing right turn to 2900 in BUD VOR holding pattern.

ASOS	CLEVELAND APP CON ★	CLNC DEL	UNICOM
119.975	128.35 360.65	126.8	122.8 (CTAF) L







CATEGORY	A	B	C	D
CIRCLING	1640-1	647 (700-1)	1700-2 707 (800-2)	1820-2¾ 827 (900-2¾)

REIL Rwys 7, 13, 25 and 31 L
MIRL Rwys 7-25 and 13-31 L

MARION, OHIO
Amdt 1B 27JAN22

40°37′N-83°04′W

MARION MUNI (MNN)
VOR-A

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

WAAS	APP CRS	Rwy Ldg	4218
CH 72827	088°	TDZE	1021
W09A		Apt Elev	1021

RNAV (GPS) RWY 9

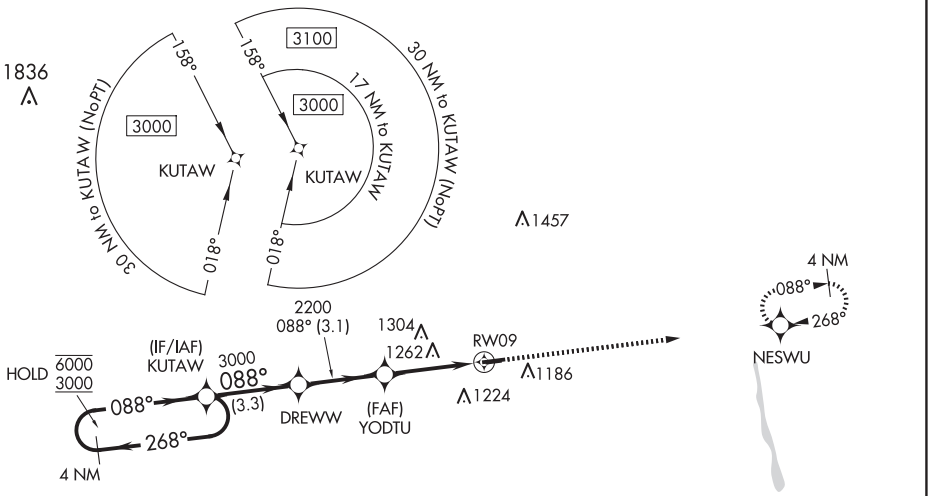
UNION COUNTY (MRT)

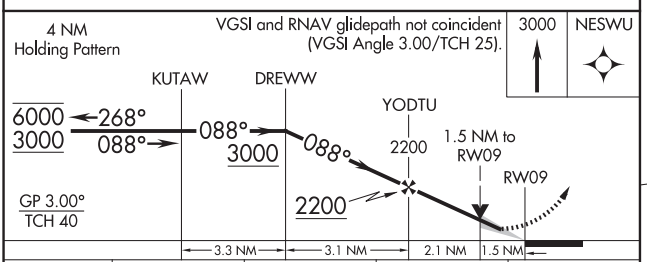
RNP APCH - GPS.

When Circling to Rwy 27 at night, operational VGSI required, remain on or above VGSI glidepath until threshold. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -17°C or above 54°C. Circling NA to Rwys 8 and 26.

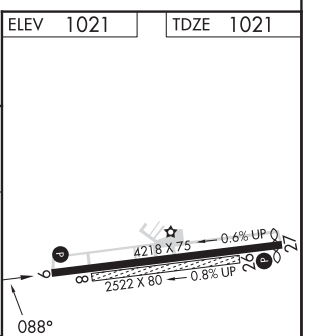
MISSED APPROACH: Climb to 3000 direct NESWU and hold.

AWOS-3	COLUMBUS APP CON	UNICOM
119.275	125.95 317.775	122.8 (CTAF) L





CATEGORY	A	B	C	D
LPV DA	1285-7/8 264 (300-7/8)			
LNAV/VNAV DA	1432-1 1/8 411 (500-1 1/8)			
LNAV MDA	1520-1 499 (500-1)		1520-1 3/8 499 (500-1 3/8)	
CIRCLING	1520-1 499 (500-1)	1540-1 519 (600-1)	1620-1 1/2 599 (600-1 1/2)	1620-2 599 (600-2)



EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

MARYSVILLE, OHIO

AL-6380 (FAA)

25163

RNAV (GPS) RWY 27

UNION COUNTY (MRT)

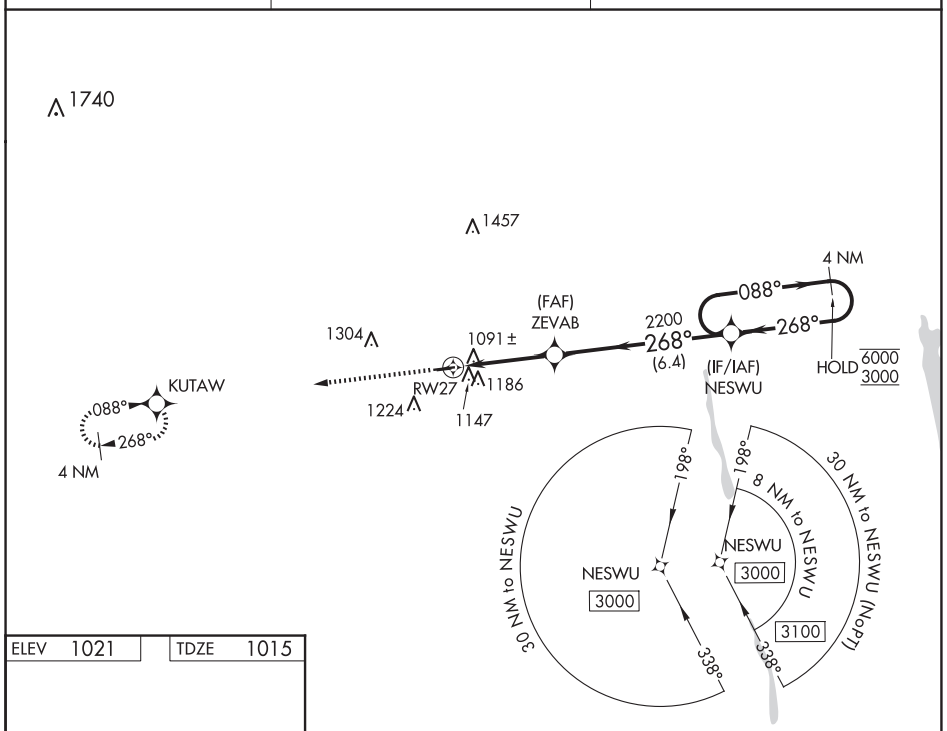
WAAS	APP CRS	Rwy Ldg	4095
CH 50327	268°	TDZE	1015
W27A		Apt Elev	1021

RNP APCH - GPS.

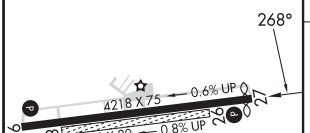
Circling NA to Rwys 8 and 26. Rwy 27 helicopter visibility reduction below 1 SM NA. Straight-in Rwy 27 at night, Circling Rwy 27 at night, operational VGSI required, remain on or above VGSI glidepath until threshold.

MISSED APPROACH: Climb to 3000 direct KUTAW and hold.

AWOS-3	COLUMBUS APP CON	UNICOM
119.275	125.95 317.775	122.8 (CTAF) L

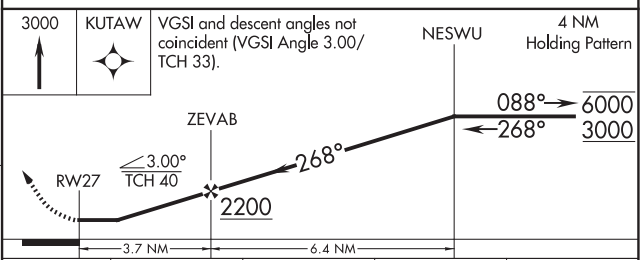


ELEV 1021	TDZE 1015



MIRL Rwy 9-27 L

REIL Rwys 9 and 27 L



CATEGORY	A	B	C	D
LP MDA	1360-1 345 (400-1)			
LNAV MDA	1400-1 385 (400-1)		1400-1⅛ 385 (400-1⅛)	
CIRCLING	1520-1 499 (500-1)	1540-1 519 (600-1)	1620-1½ 599 (600-1½)	1620-2 599 (600-2)

MARYSVILLE, OHIO

Orig-D 06OCT22

40°13′N-83°21′W

UNION COUNTY (MRT)

RNAV (GPS) RWY 27

EC-2, 12 JUN 2025 to 07 AUG 2025

EC-2, 12 JUN 2025 to 07 AUG 2025

RNAV (GPS) RWY 9

MEDINA MUNI (1G5)

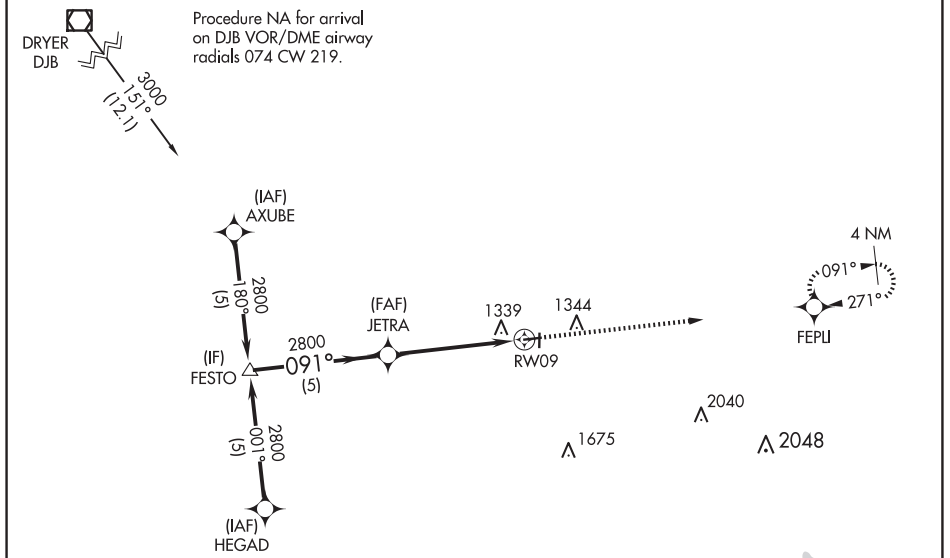
APP CRS	Rwy Idg	3556
091°	TDZE	1179
	Apt Elev	1190

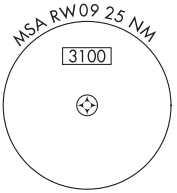
RNP APCH.

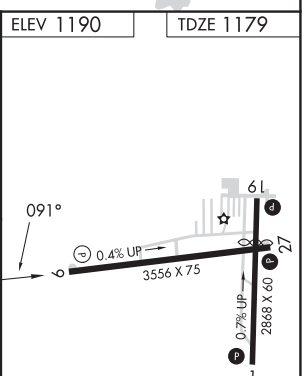
Procedure NA at night.
Rwy 9 helicopter visibility reduction below 1 SM NA.
Use Cleveland-Hopkins Intl altimeter setting.

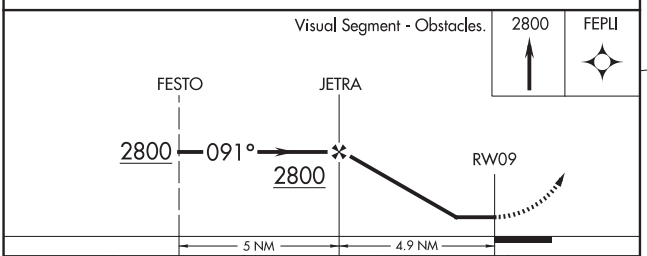
MISSED APPROACH: Climb to 2800 direct FEPLI and hold.

CLE ASOS	CLEVELAND APP CON	UNICOM
127.85	125.35 346.325	123.0 (CTAF) L









CATEGORY	A	B	C	D
LNAV MDA	1700-1 521 (600-1)		1700-1½ 521 (600-1½)	NA

REIL Rwy 27 L
MIRL Rwys 9-27 and 1-19 L

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

MEDINA, OHIO | AL-5763 (FAA) | 22363

RNAV (GPS) RWY 27

MEDINA MUNI (1G5)

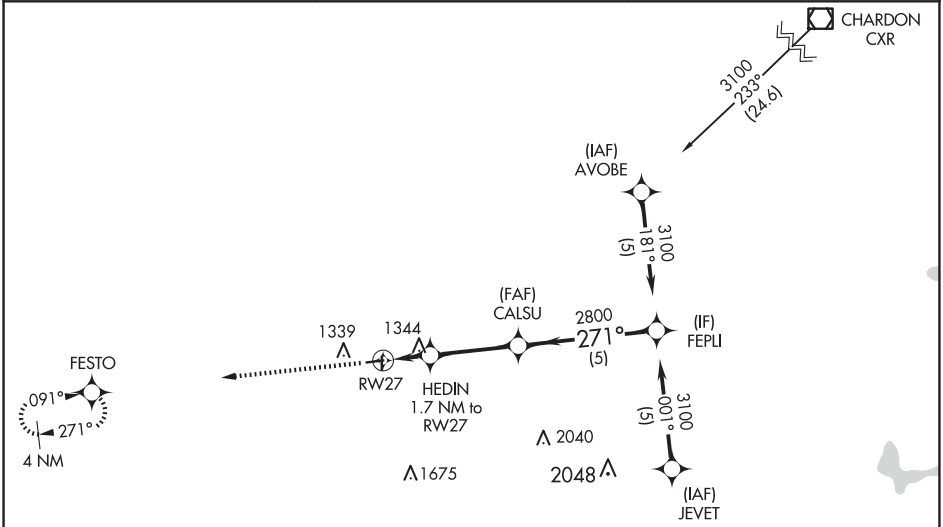
APP CRS	Rwy Idg	3556
271°	TDZE	1183
	Apt Elev	1190

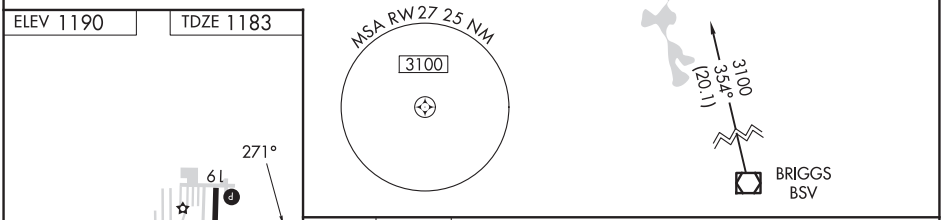
RNP APCH.

NA Rwy 27 helicopter visibility reduction below ¾ SM NA. Use Cleveland-Hopkins Intl altimeter setting.

MISSED APPROACH: Climb to 2800 direct FESTO and hold.

CLE ASOS	CLEVELAND APP CON	UNICOM
127.85	125.35 346.325	123.0 (CTAF) L





CATEGORY	A	B	C	D
LNAV MDA	1700-1	517 (600-1)	1700-1⅜ 517 (600-1⅜)	NA

REIL Rwy 27 L
MIRL Rwys 9-27 and 1-19 L

MEDINA, OHIO
Orig-C 07NOV19

41°08'N-81°46'W

MEDINA MUNI (1G5)

RNAV (GPS) RWY 27

EC-2, 12 JUN 2025 to 07 AUG 2025

EC-2, 12 JUN 2025 to 07 AUG 2025

VOR/DME ACO 114.4 Chan 91	APP CRS 278°	Rwy Idg 3556 TDZE 1183 Apt Elev 1190

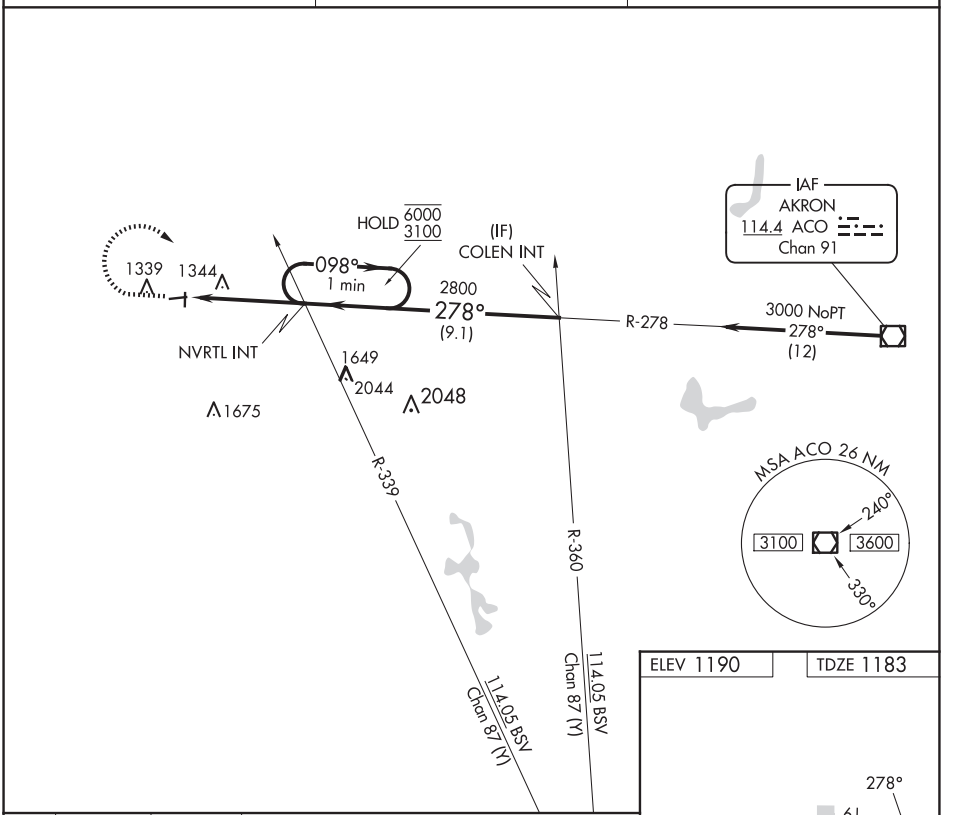
VOR RWY 27

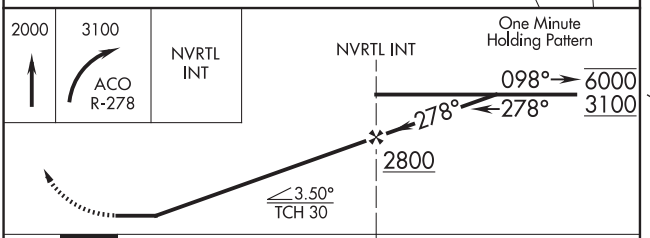
MEDINA MUNI (1G5)

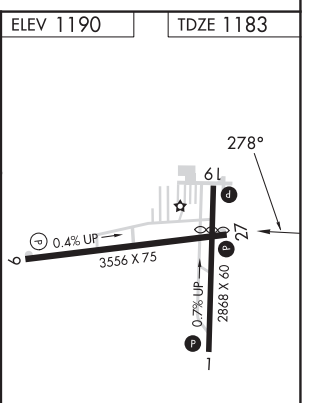
T Rwy 27 helicopter visibility reduction below ¾ SM NA.
A NA Circling Rwy 1, 9, 19 NA at night. Use Cleveland-Hopkins Intl altimeter setting.

MISSED APPROACH: Climb to 2000 then climbing right turn to 3100 on ACO VOR/DME R-278 to NVRTL INT and hold, continue climb-in-hold to 3100.

CLE ASOS	CLEVELAND APP CON	UNICOM
127.85	125.35 346.325	123.0 (CTAF) L







CATEGORY	A	B	C	D
S-27	1780-1	597 (600-1)	1780-1¾ 597 (600-1¾)	NA
C CIRCLING	1780-1	590 (600-1)	1780-1¾ 590 (600-1¾)	NA

REIL Rwy 27 L
MIRL Rwy 9-27, 1-19 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

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

MICHIGAN CITY, INDIANA

AL-5479 (FAA)

23278

RNAV (GPS) RWY 20

MICHIGAN CITY MUNI-PHILLIPS FLD (MGC)

APP CRS	Rwy Idg	3916
203°	TDZE	653
	Apt Elev	655

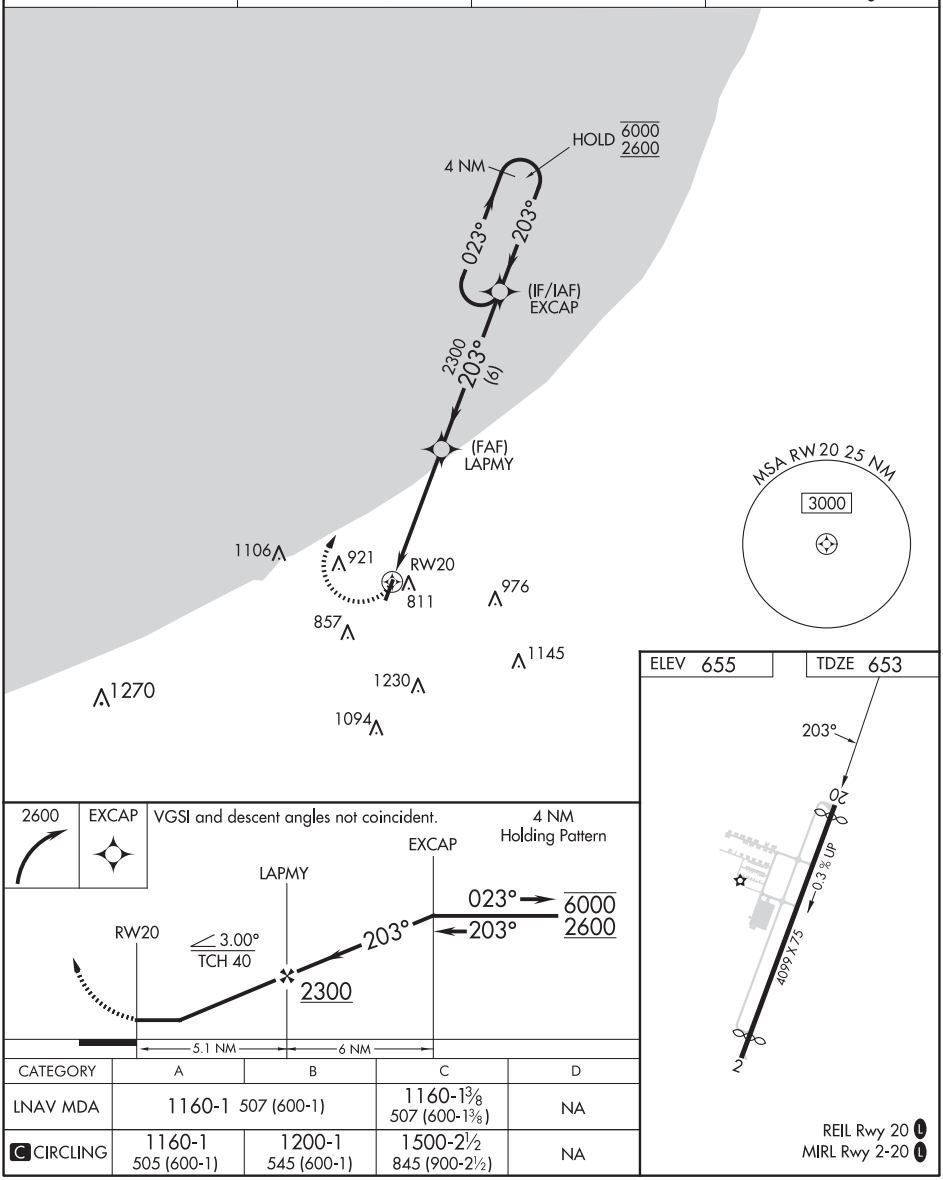
RNP APCH.

T Rwy 20 helicopter visibility reduction below 1 SM NA.

A Circling Rwy 2 NA at night.

MISSED APPROACH: Climbing right turn to 2600 direct EXCAP and hold.

AWOS-3	SOUTH BEND APP CON ★	CLNC DEL	UNICOM
128.450	118.55 257.8	118.625	122.7 (CTAF) L



CATEGORY	A	B	C	D
LNAV MDA	1160-1 507 (600-1)		1160-1⅜ 507 (600-1⅜)	NA
C CIRCLING	1160-1 505 (600-1)	1200-1 545 (600-1)	1500-2½ 845 (900-2½)	NA

REIL Rwy 20 L

MIRL Rwy 2-20 L

MICHIGAN CITY, INDIANA

Amdt 1A 25FEB21

41°42'N-86°49'W

MICHIGAN CITY MUNI-PHILLIPS FLD (MGC)

RNAV (GPS) RWY 20

EC-2, 12 JUN 2025 to 07 AUG 2025

EC-2, 12 JUN 2025 to 07 AUG 2025

RNAV (GPS) RWY 11

GEAUGA COUNTY (7G8)

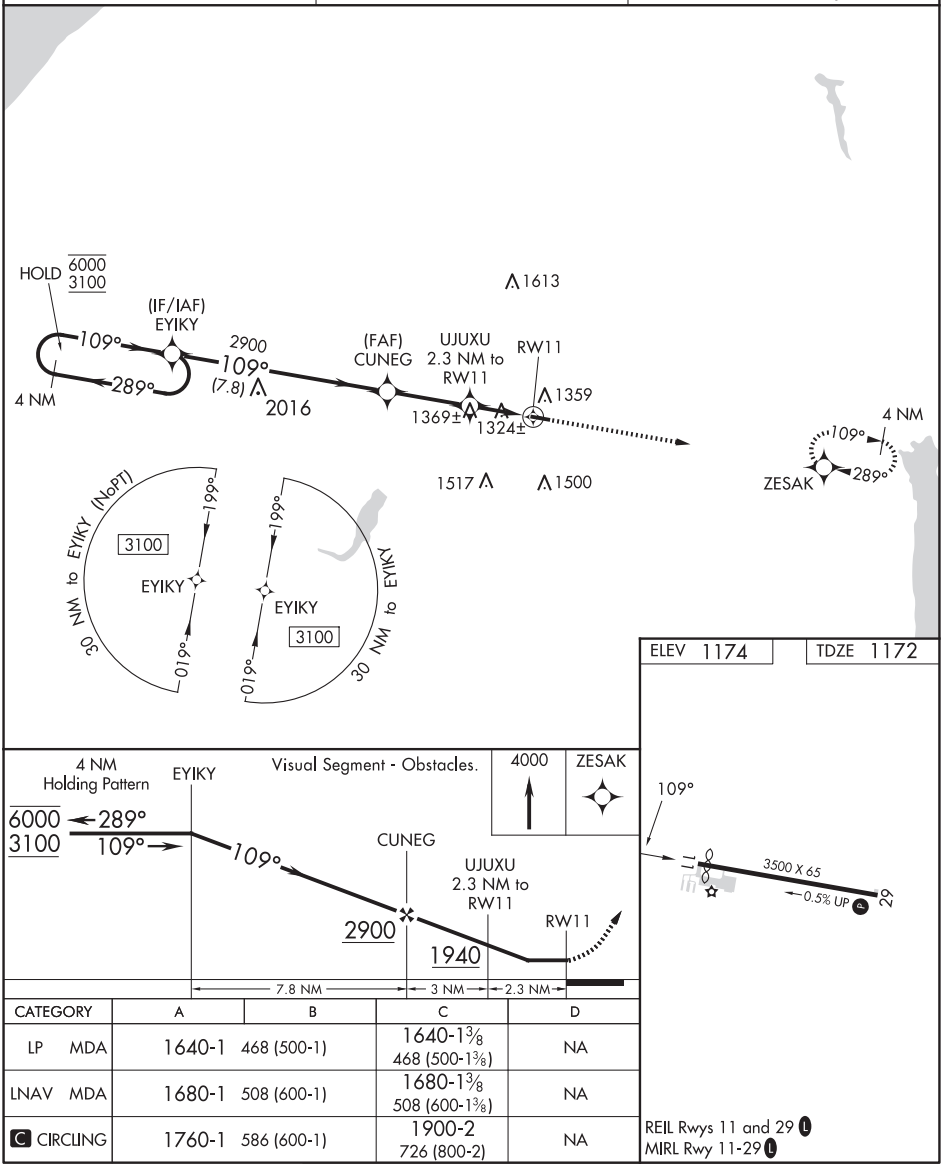
WAAS	APP CRS	Rwy Idg	3321
CH 97633	109°	TDZE	1172
W11A		Apt Elev	1174

RNP APCH - GPS.

NA Rwy 11 helicopter visibility reduction below 1 SM NA. Use Youngstown/Warren altimeter setting; when not received, use Cuyahoga County altimeter setting and increase all MDAs 40 feet and increase LNAV Cat C and Circling Cat C visibilities ¼ SM. Straight-in Rwy 11 NA at night, Circling Rwy 11 NA at night.

MISSED APPROACH: Climb to 4000 direct ZESAK and hold, continue climb-in-hold 4000.

YNG ASOS	CLEVELAND APP CON	UNICOM
123.75	125.35 346.325	123.0 (CTAF) L



CATEGORY	A	B	C	D
LP MDA	1640-1	468 (500-1)	1640-1⅜ 468 (500-1⅜)	NA
LNAV MDA	1680-1	508 (600-1)	1680-1⅜ 508 (600-1⅜)	NA
C CIRCLING	1760-1	586 (600-1)	1900-2 726 (800-2)	NA

REIL Rwys 11 and 29 L
MIRL Rwy 11-29 L

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

MIDDLEFIELD, OHIO AL-6254 (FAA) 23278

RNAV (GPS) RWY 29

GEAUGA COUNTY (7G8)

WAAS	APP CRS	Rwy Idg	3500
CH 61233	289°	TDZE	1167
W29A		Apt Elev	1174

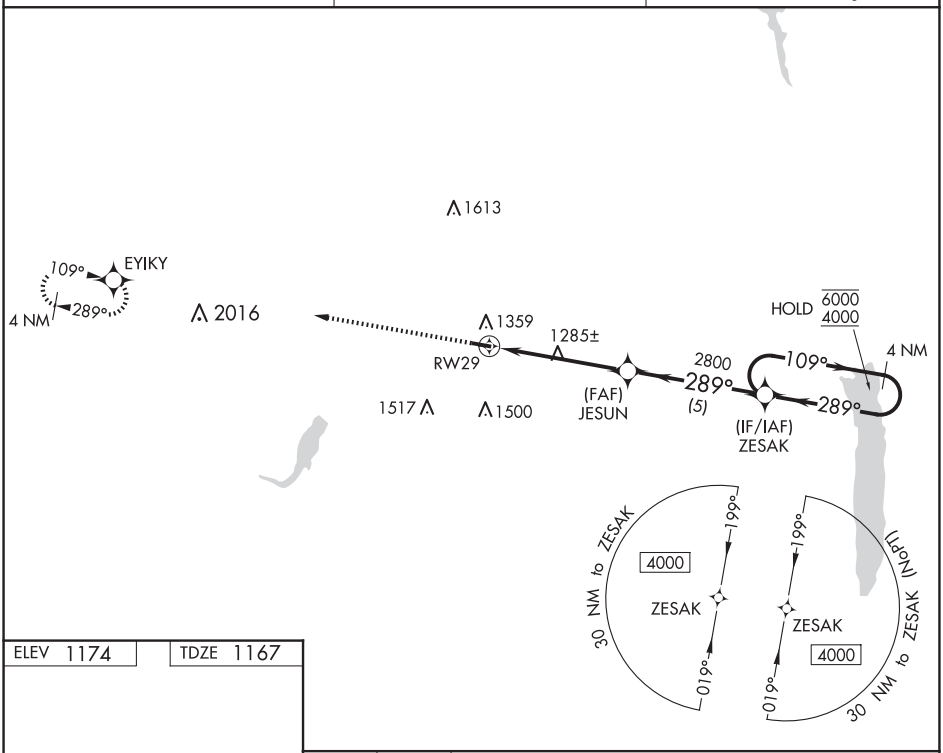
RNP APCH - GPS.

Circling Rwy 11 NA at night. Rwy 29 helicopter visibility reduction below ¾ SM NA. Use Youngstown/Warren altimeter setting; when not received, use Cuyahoga County altimeter setting and increase all MDAs 40 feet and increase Circling Cat C visibility ¼ SM.

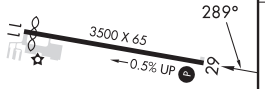
NA

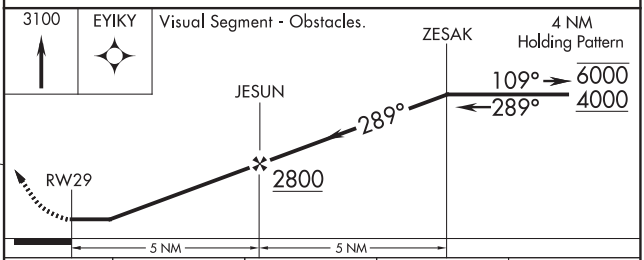
MISSED APPROACH: Climb to 3100 direct EYIKY and hold.

YNG ASOS	CLEVELAND APP CON	UNICOM
123.75	125.35 346.325	123.0 (CTAF) L



ELEV 1174	TDZE 1167





CATEGORY	A	B	C	D
LP MDA	1620-1	453 (500-1)	1620-1⅜ 453 (500-1⅜)	NA
LNAV MDA	1640-1	473 (500-1)	1640-1⅜ 473 (500-1⅜)	NA
C CIRCLING	1760-1	586 (600-1)	1900-2 726 (800-2)	NA

REIL Rwys 11 and 29 L
MIRL Rwy 11-29 L

MIDDLEFIELD, OHIO
Orig-C 04NOV21

41°27'N-81°04'W

GEAUGA COUNTY (7G8)

RNAV (GPS) RWY 29

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

RNAV (GPS) RWY 5

MIDDLETOWN RGNL/HOOK FLD (MWO)

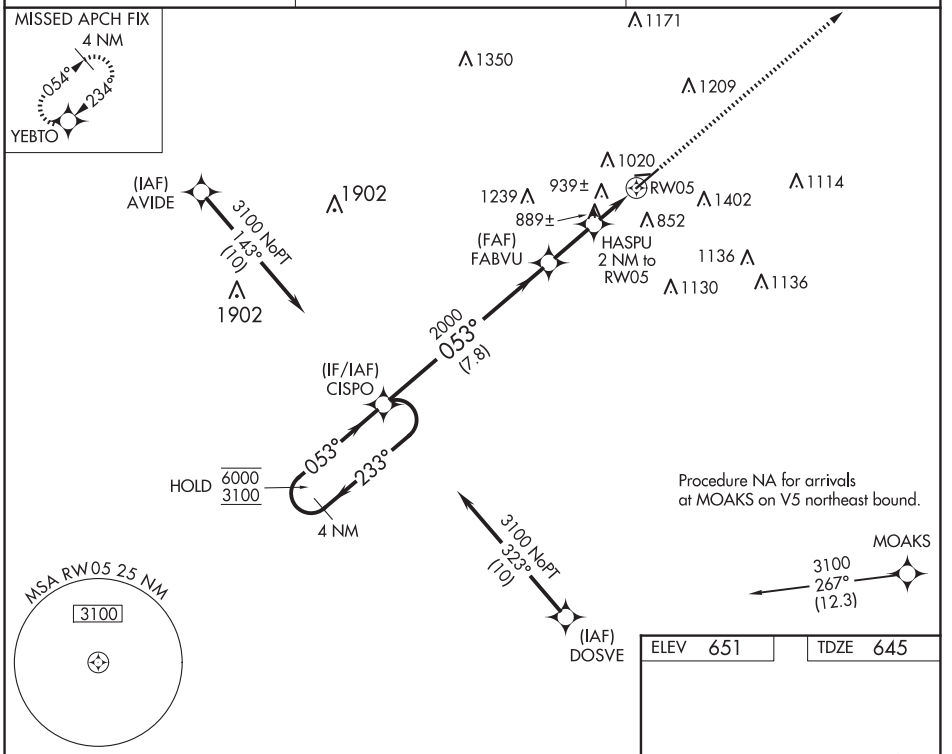
WAAS	APP CRS	Rwy Ldg	6100
CH 45829	053°	TDZE	645
W05A		Apt Elev	651

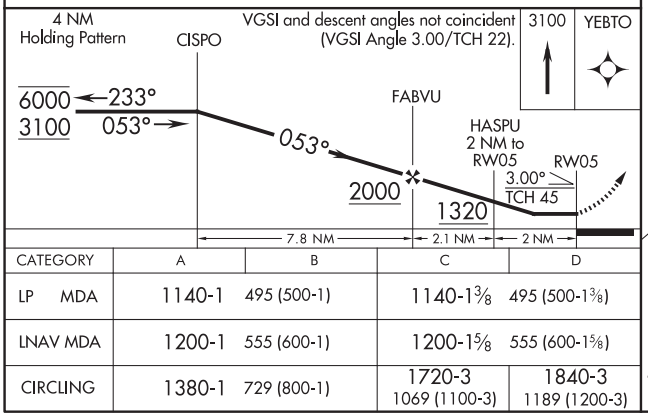
RNP APCH.

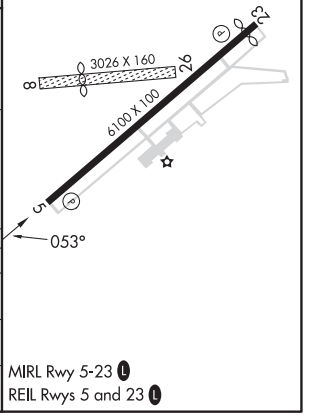
Circling NA to Rwys 8 and 26. Rwy 5 Helicopter visibility reduction below 1 SM NA. Straight-in Rwy 5 NA at night, Circling Rwy 5 NA at night.

MISSED APPROACH: Climb to 3100 direct YEBTO and hold.

AWOS-3PT	COLUMBUS APP CON	UNICOM
120.025	118.85 269.275	123.0 (CTAF) L







CATEGORY	A	B	C	D
LP MDA	1140-1	495 (500-1)	1140-1 3/8	495 (500-1 3/8)
LNAV MDA	1200-1	555 (600-1)	1200-1 5/8	555 (600-1 5/8)
CIRCLING	1380-1	729 (800-1)	1720-3	1840-3
			1069 (1100-3)	1189 (1200-3)

MIRL Rwy 5-23 L

REIL Rwys 5 and 23 L

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

MIDDLETOWN, OHIO AL-724 (FAA) 25163

RNAV (GPS) RWY 23

MIDDLETOWN RGNL/HOOK FLD (MWO)

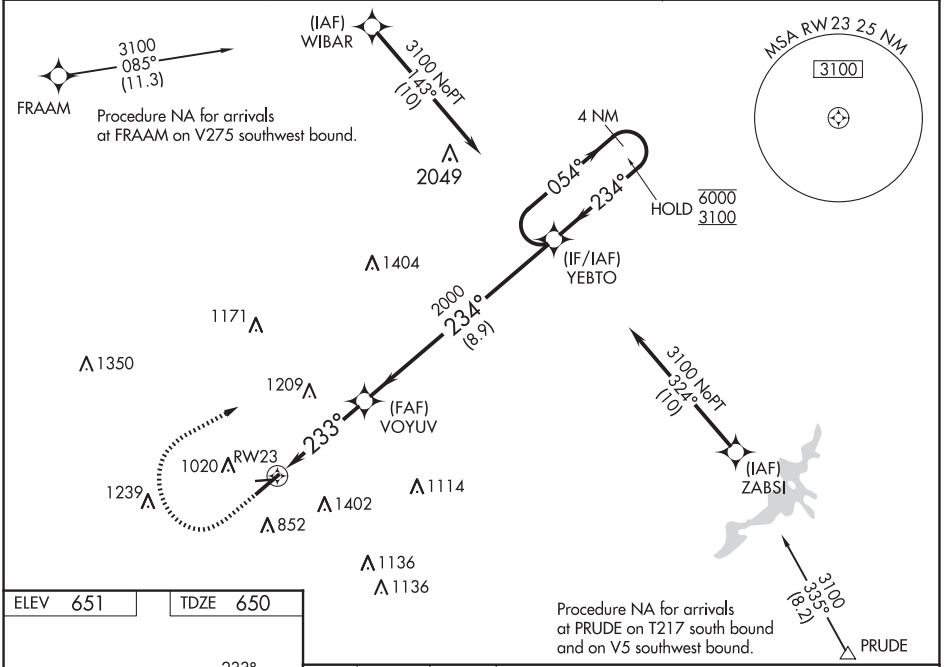
WAAS	APP CRS	Rwy Ldg	5801
CH 90429	233°	TDZE	650
W23A		Apt Elev	651

RNP APCH.

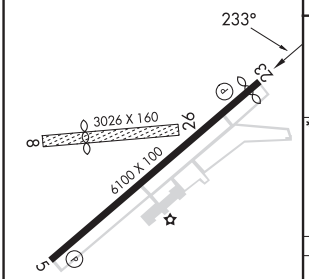
Circling NA to Rwys 8 and 26. Circling Rwy 5 NA at night. Rwy 23 helicopter visibility reduction below ¾ SM NA. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -16°C or above 54°C.

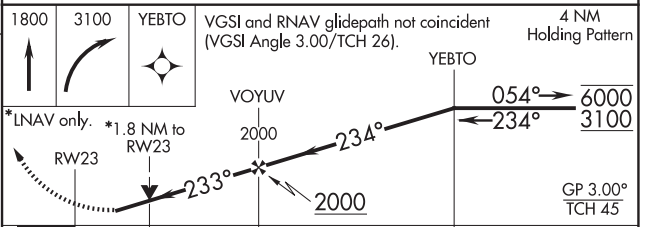
MISSED APPROACH: Climb to 1800 then climbing right turn to 3100 direct YEBTO and hold.

AWOS-3PT	COLUMBUS APP CON	UNICOM
120.025	118.85 269.275	123.0 (CTAF) L



ELEV 651 TDZE 650





CATEGORY	A	B	C	D
LPV DA	986-1⅛ 336 (400-1⅛)			
LNAV/VNAV DA	1083-1½ 433 (500-1½)			
LNAV MDA	1140-1 490 (500-1)		1140-1⅜ 490 (500-1⅜)	
CIRCLING	1380-1 729 (800-1)		1720-3 1069 (1100-3)	1840-3 1189 (1200-3)

MIRL Rwy 5-23 L
REIL Rwys 5 and 23 L

MIDDLETOWN, OHIO
Orig-D 20MAY21

39°32'N-84°24'W

MIDDLETOWN RGNL/HOOK FLD (MWO)

RNAV (GPS) RWY 23

EC-2, 12 JUN 2025 to 07 AUG 2025

LOC RWY 23

MIDDLETOWN RGNL/HOOK FLD (MWO)

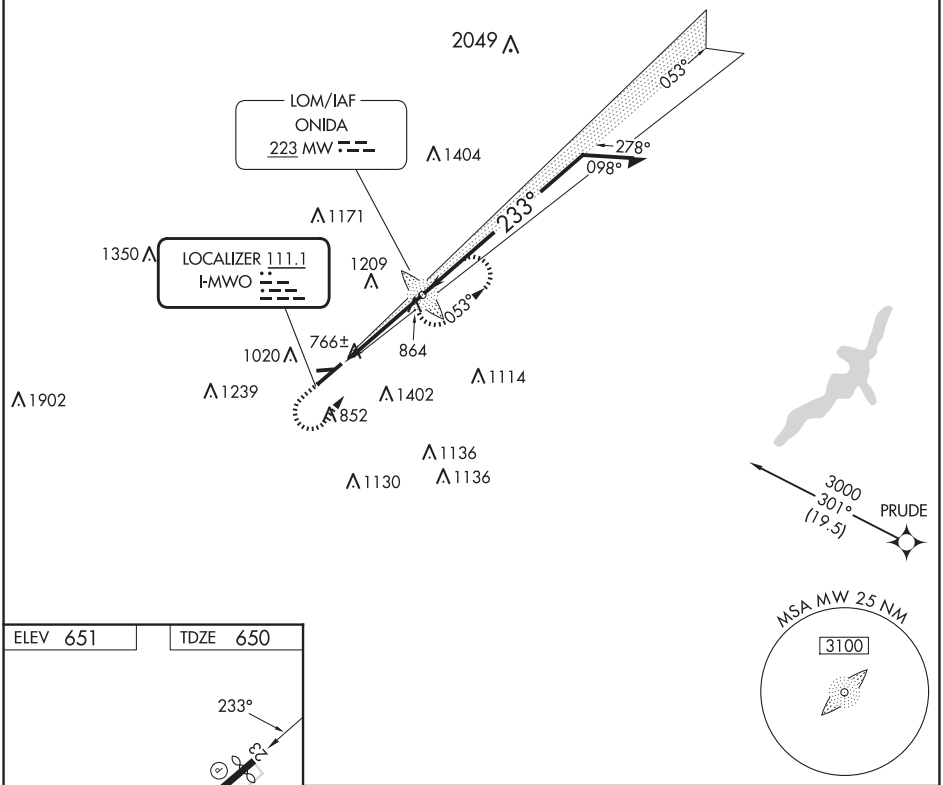
LOC I-MWO	APP CRS	Rwy Ldg	5801
111.1	233°	TDZE	650
		Apt Elev	651

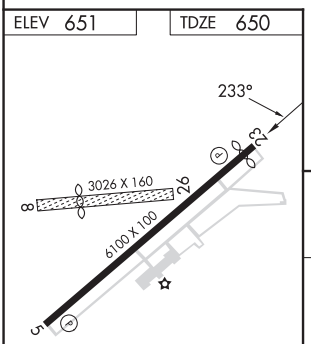
ADF required.

T A NA Circling Rwy 5 NA at night. Circling NA to Rwys 8 and 26. Rwy 23 helicopter visibility reduction below ¾ SM NA. When local altimeter setting not received, use Dayton/Wright Brothers altimeter setting and increase all MDAs 80 feet and S-23 Cat C/D visibility ¼ SM.

MISSED APPROACH: Climb to 2600 then climbing left turn to 3000 direct MW LOM and hold.

AWOS-3PT	COLUMBUS APP CON	UNICOM
120.025	118.85 269.275	123.0 (CTAF) L

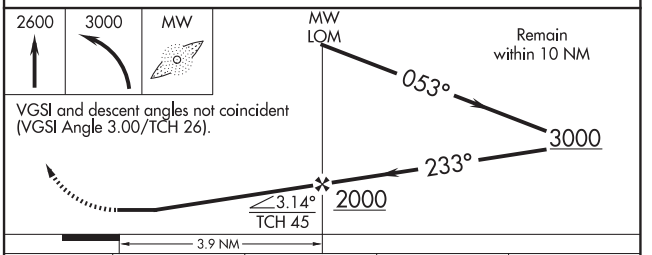




MIRL Rwy 5-23 L

REIL Rwys 5 and 23 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



VGSI and descent angles not coincident (VGSI Angle 3.00/TCH 26).

CATEGORY	A	B	C	D
S-23	1140-1	490 (500-1)	1140-1⅜ 490 (500-1⅜)	1140-1½ 490 (500-1½)
CIRCLING	1480-1¼	829 (900-1¼)	1720-3 1069 (1100-3)	1940-3 1289 (1300-3)

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

MILLERSBURG, OHIO AL-5561 (FAA) 25163

RNAV (GPS) RWY 9

HOLMES COUNTY (1ØG)

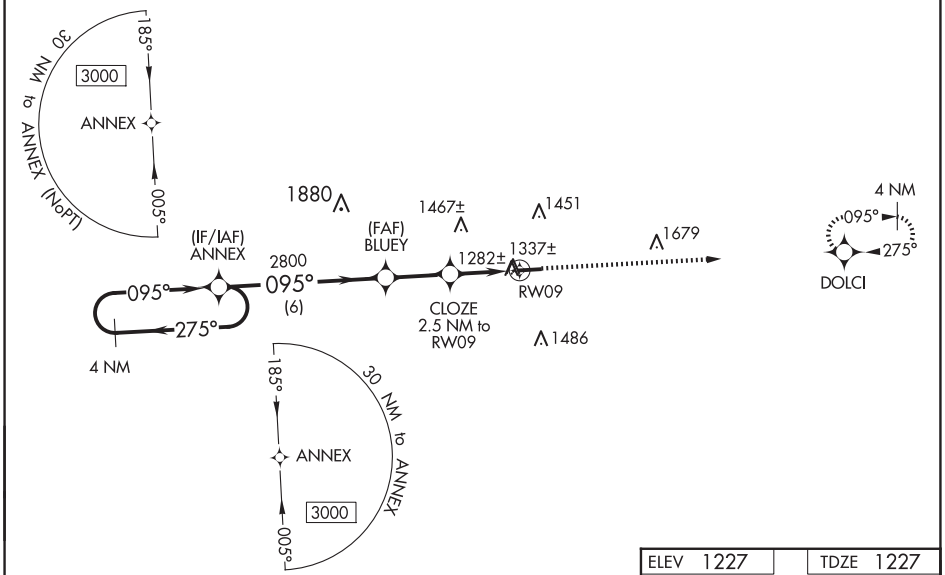
APP CRS	Rwy Ldg	4400
095°	TDZE	1227
	Apt Elev	1227

RNP APCH - GPS.

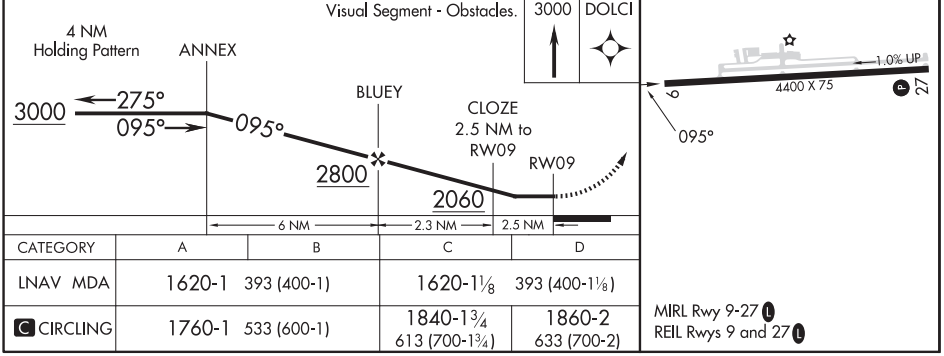
Rwy 9 helicopter visibility reduction below ¾ SM NA. When local altimeter setting not received, use Wayne County altimeter setting: increase all MDA 60 feet and visibility LNAV and Circling Cats C and D ¼ SM.

MISSED APPROACH: Climb to 3000 direct DOLCI and hold.

AWOS-3	INDIANAPOLIS CENTER	UNICOM	
128.325	124.45 323.275	123.0 (CTAF)	123.4 L



ELEV 1227 TDZE 1227



CATEGORY	A	B	C	D
LNAV MDA	1620-1	393 (400-1)	1620-1⅛	393 (400-1⅛)
C CIRCLING	1760-1	533 (600-1)	1840-1¾ 613 (700-1¾)	1860-2 633 (700-2)

MIRL Rwy 9-27 L
REIL Rwys 9 and 27 L

MILLERSBURG, OHIO
Orig-C 29DEC22

40°32'N-81°57'W

HOLMES COUNTY (1ØG)

RNAV (GPS) RWY 9

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

RNAV (GPS) RWY 27

HOLMES COUNTY (1ØG)

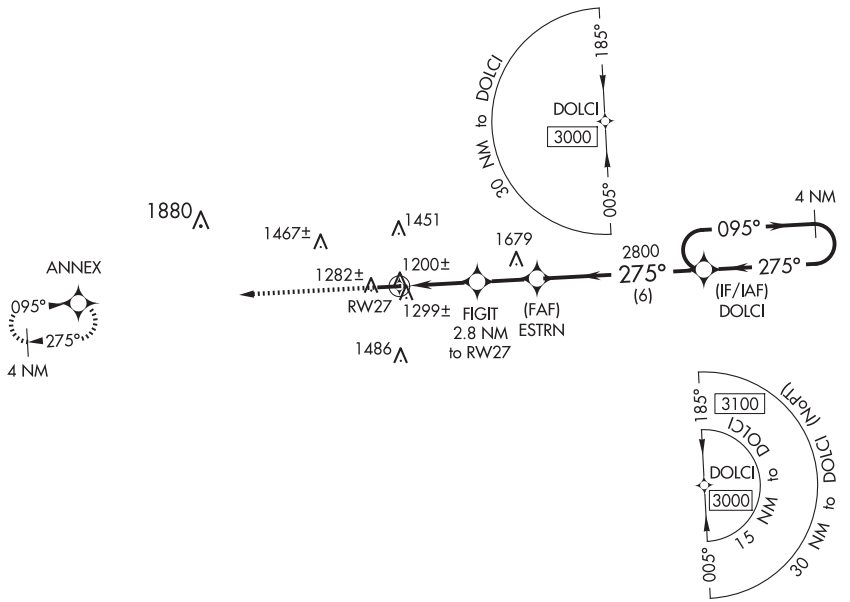
WAAS	APP CRS	Rwy Ldg	4400
CH 57937	275°	TDZE	1215
W27A		Apt Elev	1227

RNP APCH - GPS.

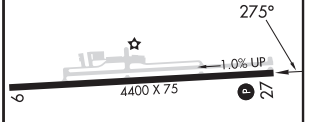
When local altimeter setting not received, use Wayne County altimeter setting: increase all MDA 60 feet and visibility LNAV and Circling Cats C and D ¼ SM.

MISSED APPROACH: Climb to 3000 direct ANNEX and hold.

AWOS-3	INDIANAPOLIS CENTER	UNICOM	
128.325	124.45 323.275	123.0 (CTAF)	123.4 L

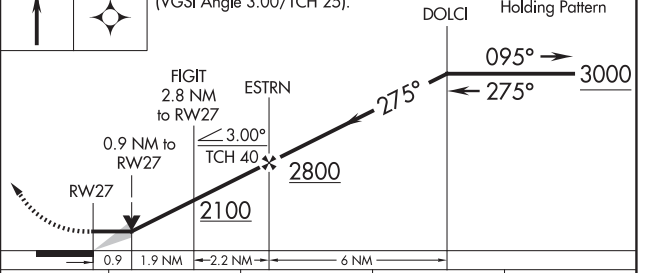


ELEV	1227	TDZE	1215



3000 ANNEX

VGSI and descent angles not coincident (VGSI Angle 3.00/TCH 25).



CATEGORY	A	B	C	D
LP MDA	1480-1 265 (300-1)			
LNAV MDA	1560-1 345 (400-1)			
C CIRCLING	1760-1 533 (600-1)		1840-1¾ 613 (700-1¾)	1860-2 633 (700-2)

MIRL Rwy 9-27 L
REIL Rwys 9 and 27 L

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

MONTICELLO, INDIANA | AL-6184 (FAA) | 22363

RNAV (GPS) RWY 18

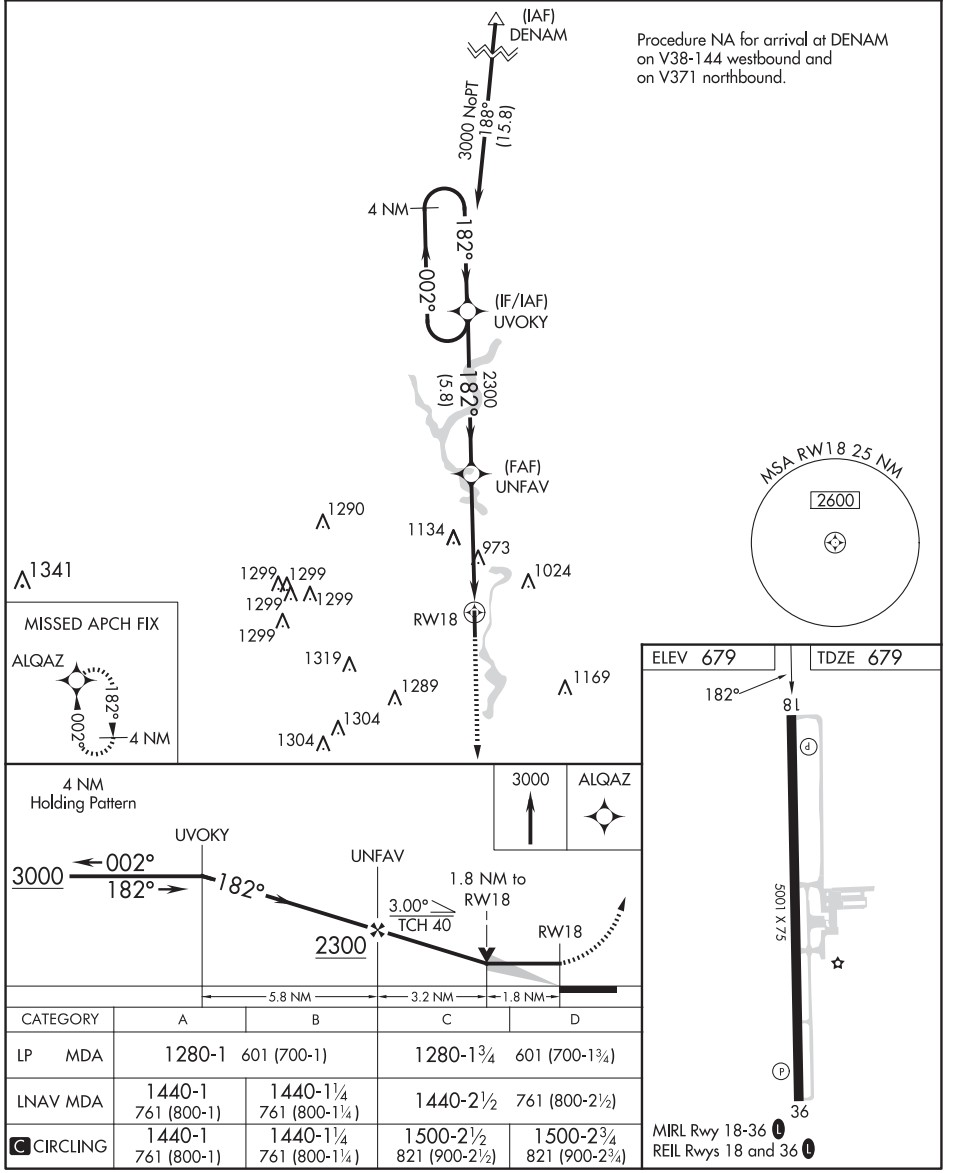
WHITE COUNTY (MCX)

WAAS	APP CRS	Rwy Idg	5001
CH 70728	182°	TDZE	679
W18A		Apt Elev	679

Circling Rwy 36 NA at night. DME/DME RNP-0.3 NA.

MISSED APPROACH: Climb to 3000 direct ALQAZ and hold.

AWOS-3P	GRISSOM APP CON ★	UNICOM
124.05	123.85 291.675	122.8 (CTAF) L



CATEGORY	A	B	C	D
LP MDA	1280-1 601 (700-1)		1280-1¾ 601 (700-1¾)	
LNAV MDA	1440-1 761 (800-1)	1440-1¼ 761 (800-1¼)	1440-2½ 761 (800-2½)	
C CIRCLING	1440-1 761 (800-1)	1440-1¼ 761 (800-1¼)	1500-2½ 821 (900-2½)	1500-2¾ 821 (900-2¾)

MONTICELLO, INDIANA
Amdt 1 10NOV16

40°43′N-86°46′W

WHITE COUNTY (MCX)

RNAV (GPS) RWY 18

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

APP CRS	Rwy Idg	5001
002°	TDZE	673
	Apt Elev	679

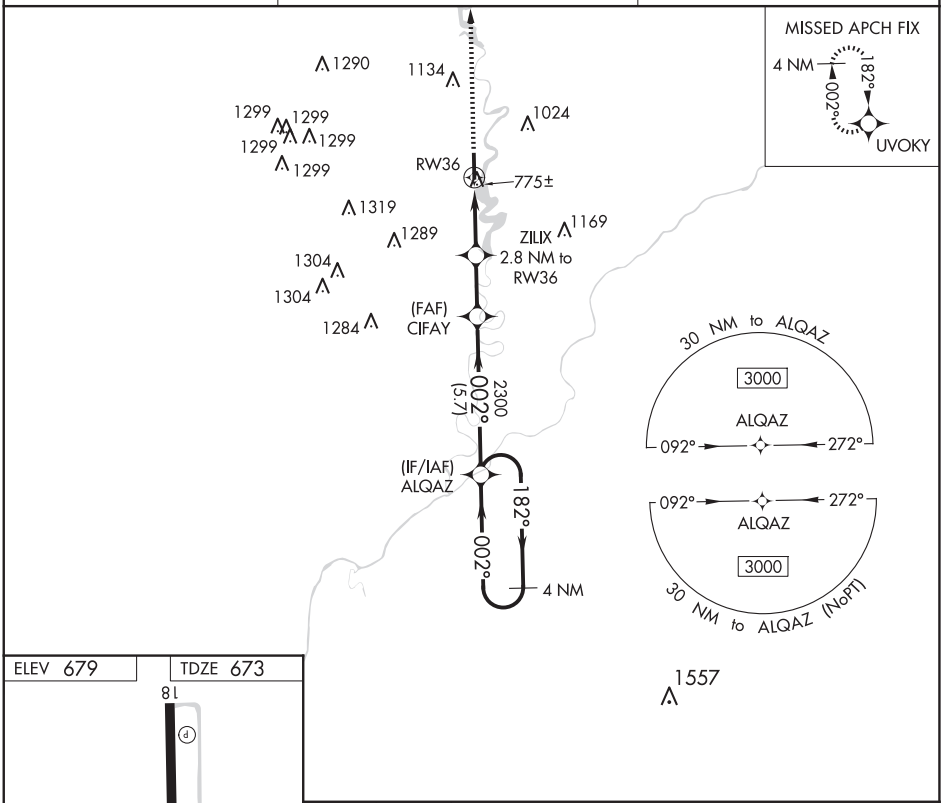
RNAV (GPS) RWY 36

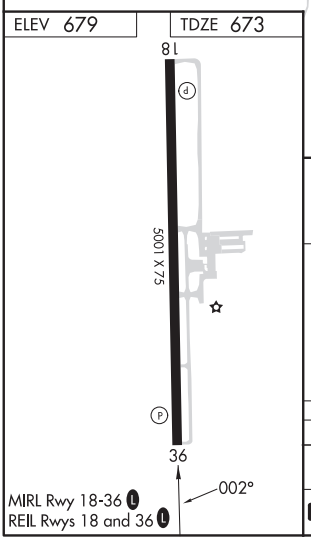
WHITE COUNTY (MCX)

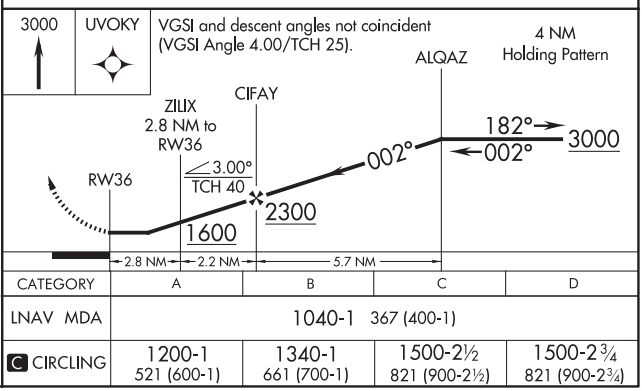
DME/DME RNP-0.3 NA. Straight-in Rwy 36 NA at night, Circling Rwy 36 NA at night. Rwy 36 helicopter visibility reduction below 1 SM NA.

MISSED APPROACH: Climb to 3000 direct UVOKY and hold.

AWOS-3P	GRISSOM APP CON ★	UNICOM
124.05	123.85 291.675	122.8 (CTAF) L







CATEGORY	A	B	C	D
LNAV MDA	1040-1 367 (400-1)			
C CIRCLING	1200-1 521 (600-1)	1340-1 661 (700-1)	1500-2½ 821 (900-2½)	1500-2¾ 821 (900-2¾)

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

MOUNT GILEAD, OHIO | AL-6641 (FAA) | 25051

VOR-A

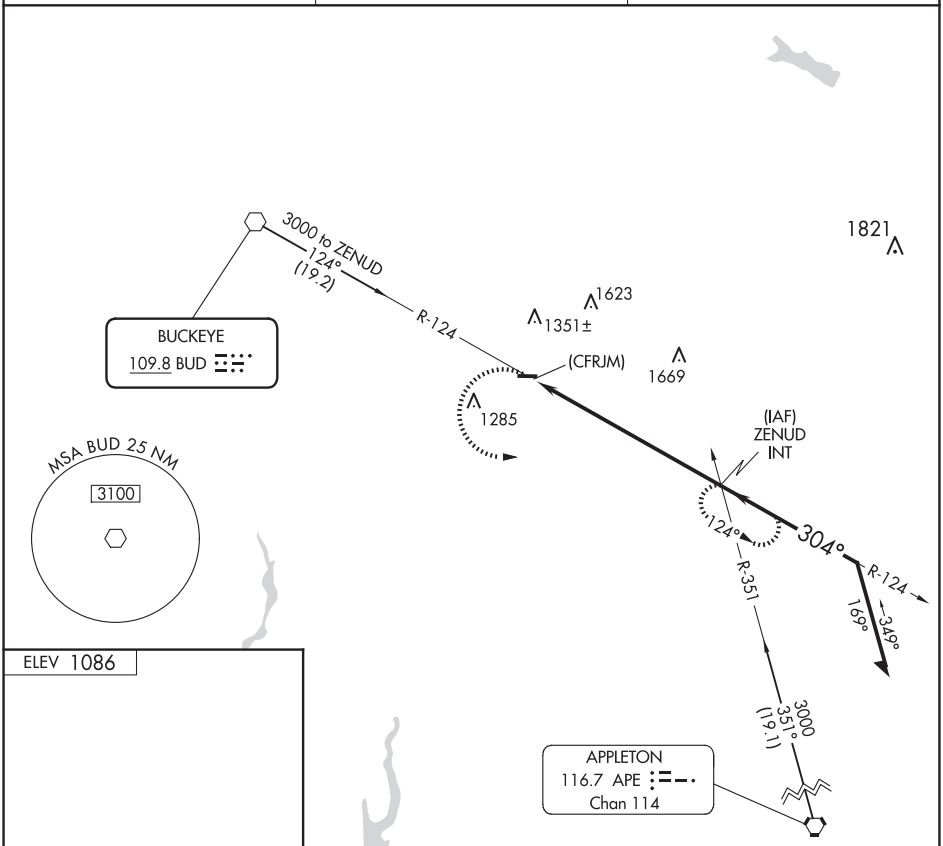
MORROW COUNTY (4I9)

VOR BUD	APP CRS		
109.8	304°	Rwy Idg	N/A
		TDZE	N/A
		Apt Elev	1086

Circling Rwy 28 NA at night. Rwy 28 helicopter visibility reduction below 1 SM NA. Use Marion altimeter setting, when not received use Mansfield altimeter setting and increase all MDA 60 feet and all visibilities ¼ SM.

MISSED APPROACH: Climbing left turn to 3000 on BUD VOR R-124 to ZENUD INT and hold.

AWOS-3PT	COLUMBUS APP CON	UNICOM
121.4	125.95 317.775	122.8 (CTAF) L



FAF to MAP 7.8 NM					
Knots	60	90	120	150	180
Min:Sec	7:48	5:12	3:54	3:07	2:36

CATEGORY	A	B	C	D
C CIRCLING	1880-1	794 (800-1)	1940-2½ 854 (900-2½)	NA

MOUNT GILEAD, OHIO
Amdt 5 24MAY18

40°31′N-82°51′W

MORROW COUNTY (4I9)
VOR-A

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

RNAV (GPS) RWY 10

KNOX COUNTY (4I3)

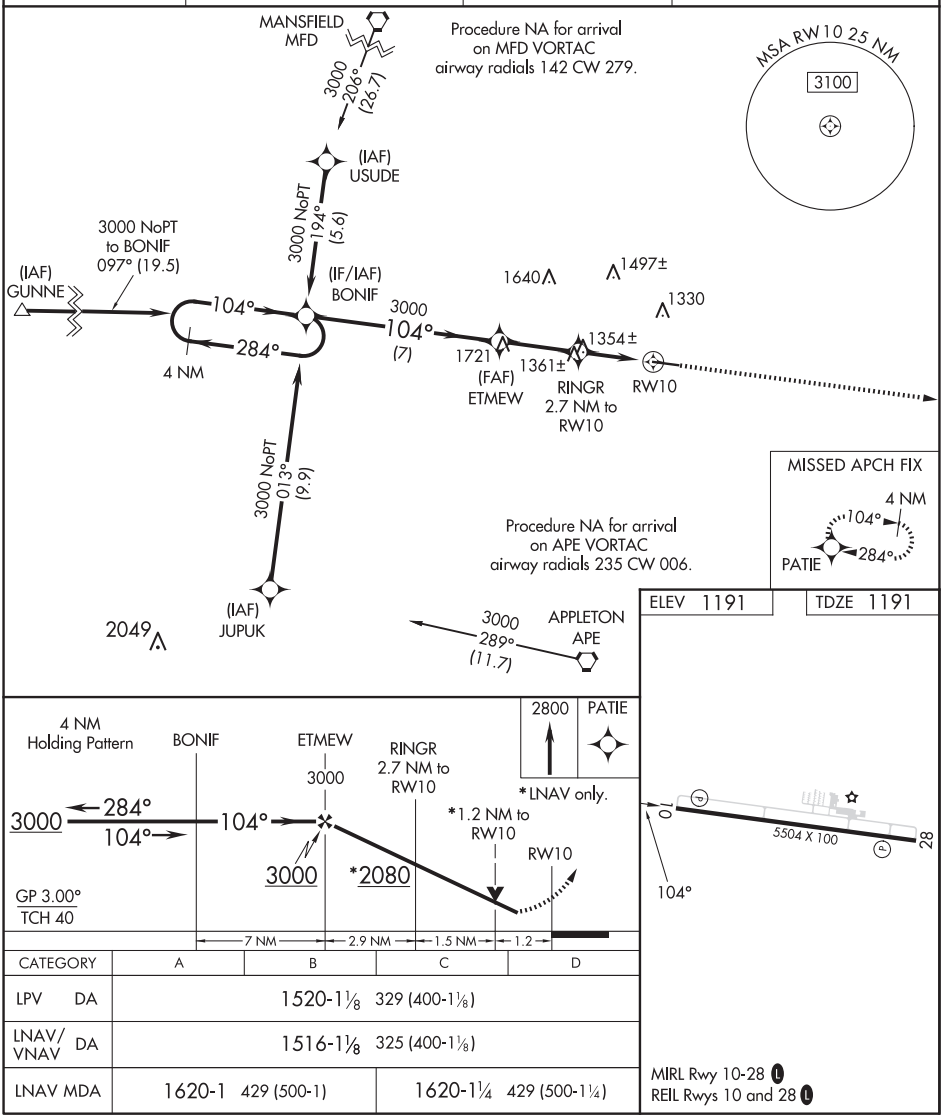
WAAS CH 63123 W10A	APP CRS 104°	Rwy Idg 5504 / TDZE 1191 / Apt Elev 1191

RNP APCH.

Baro-VNAV and VDP NA when using Newark altimeter setting. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -17°C (2°F) or above 36°C (96°F). When Local altimeter setting not received, use Newark altimeter setting and increase all DA 86 feet and all MDA 100 feet and increase LPV all Cats, LNAV/VNAV all Cats, LNAV Cat C and D visibility ¼ mile. Rwy 10 helicopter visibility reduction below ¾ SM NA.

MISSED APPROACH: Climb to 2800 direct PATIE and hold.

AWOS-3	COLUMBUS APP CON	CLNC DEL	UNICOM
126.05	125.95 317.775	119.45	123.05 (CTAF) L



CATEGORY	A	B	C	D
LPV DA	1520-1⅛ 329 (400-1⅛)			
LNAV/VNAV DA	1516-1⅛ 325 (400-1⅛)			
LNAV MDA	1620-1 429 (500-1)		1620-1¼ 429 (500-1¼)	

MIRL Rwy 10-28 L
REIL Rwys 10 and 28 L

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

MOUNT VERNON, OHIO | AL-5447 (FAA) | 23110

RNAV (GPS) RWY 28

KNOX COUNTY (4I3)

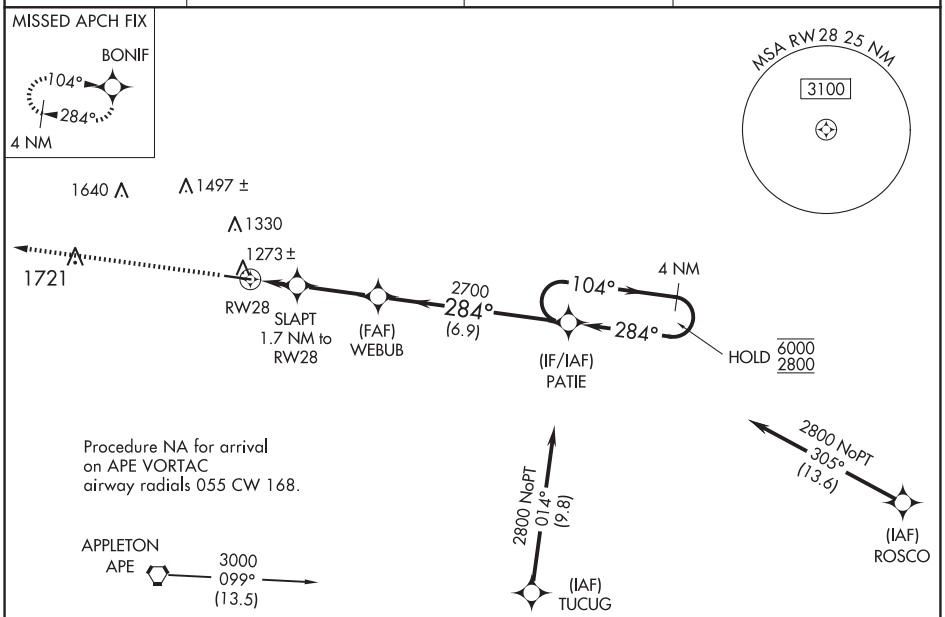
WAAS	APP CRS	Rwy Idg	5504
CH 69423	284°	TDZE	1189
W28A		Apt Elev	1191

RNP APCH.

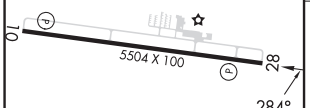
For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -17°C or above 36°C.

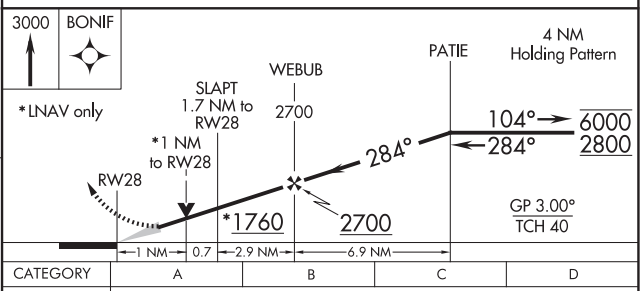
MISSED APPROACH: Climb to 3000 direct BONIF and hold.

AWOS-3	COLUMBUS APP CON	CLNC DEL	UNICOM
126.05	125.95 317.775	119.45	123.05 (CTAF) L



ELEV 1191	TDZE 1189





CATEGORY	A	B	C	D
LPV DA	1389-1 200 (200-1)			
LNAV/VNAV DA	1439-1 250 (300-1)			
LNAV MDA	1540-1 351 (400-1)			

MIRL Rwy 10-28 L
REIL Rwys 10 and 28 L

MOUNT VERNON, OHIO
Amdt 1D 07NOV19

40°20'N-82°32'W

KNOX COUNTY (4I3)

RNAV (GPS) RWY 28

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

VORTAC APE 116.7 Chan 114	APP CRS 022°	Rwy Idg N/A TDZE N/A Apt Elev 1192

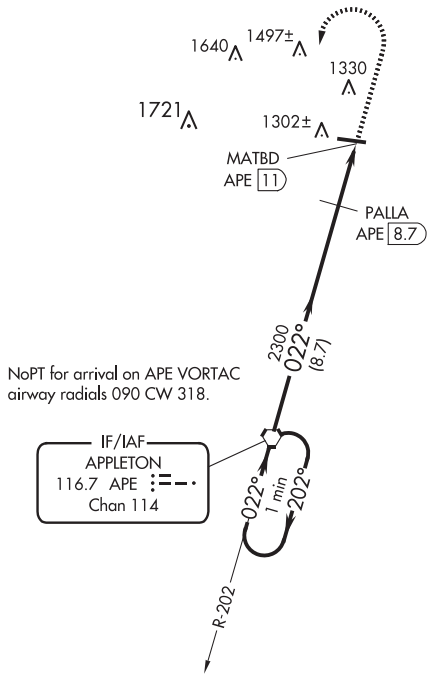
VOR-A

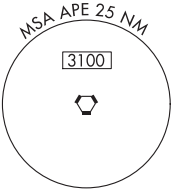
KNOX COUNTY (4I3)

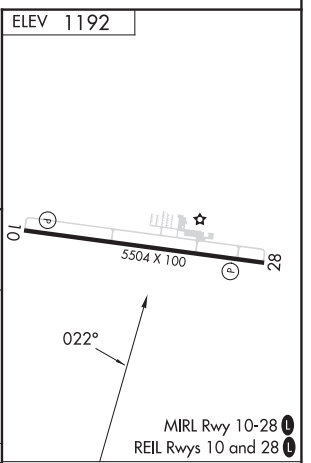
DME required.

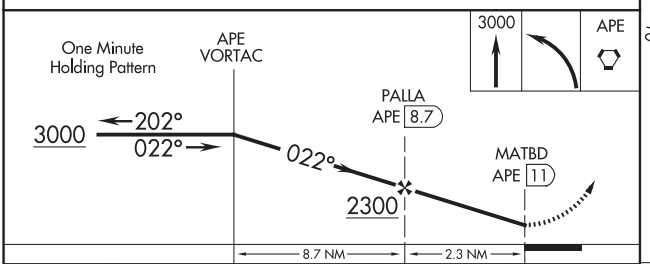
MISSED APPROACH: Climb to 3000 then left turn direct APE VORTAC and hold.

AWOS-3	COLUMBUS APP CON	CLNC DEL	UNICOM
126.05	125.95 317.775	119.45	123.05 (CTAF) L









CATEGORY	A	B	C	D
CIRCLING	1660-1 468 (500-1)	1720-1 528 (600-1)	1720-1½ 528 (600-1½)	1860-2 668 (700-2)

FAF to MAP 2.3 NM

Knots	60	90	120	150	180
Min:Sec	2:18	1:32	1:09	0:55	0:46

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

MUNCIE, INDIANA | AL-5011 (FAA) | 25163

ILS or LOC RWY 32

DELAWARE COUNTY RGNL (MIE)

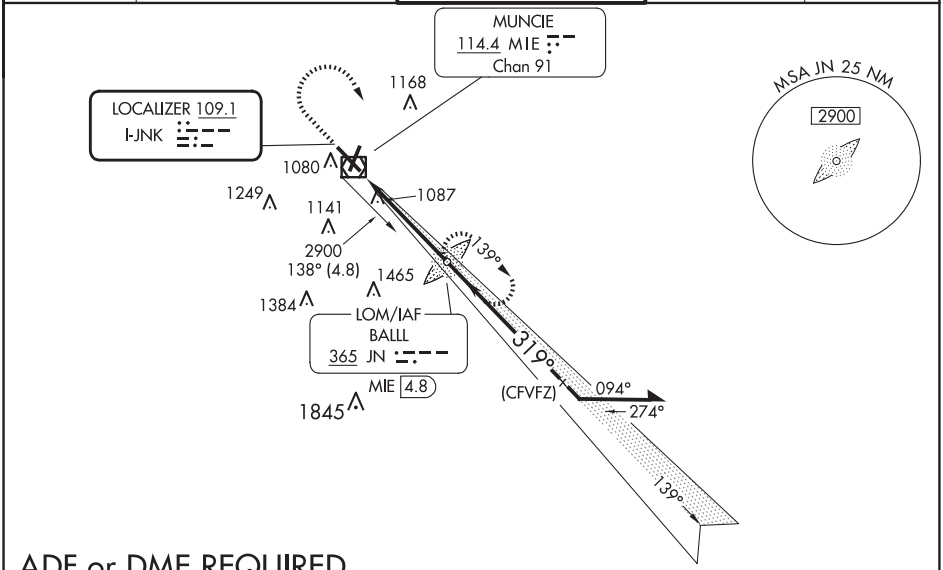
LOC I-JNK	APP CRS	Rwy Ldg	6500
109.1	319°	TDZE	937
		Apt Elev	937

When control tower closed, except for operations with approved weather reporting use Fort Wayne altimeter setting. For inop MALSR when using Fort Wayne altimeter setting minimums, increase S-ILS 32 visibility to 1 SM. When local altimeter setting not received, use Fort Wayne altimeter setting: increase DA to 1257 feet and visibility all Cats ¼ SM; increase all MDAs 120 feet and visibility Cat C ⅝ SM, Cat D 1⅝ SM. VDP NA when using Fort Wayne altimeter setting.

MALSR

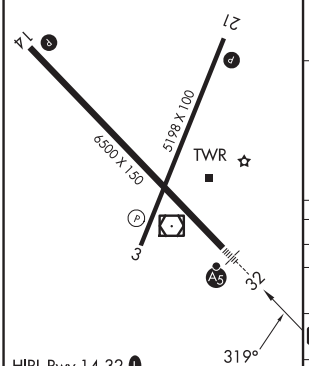
MISSED APPROACH: Climb to 1460 then climbing right turn to 2900 direct BALLL LOM and hold.

ATIS	INDIANAPOLIS APP CON	MUNCIE TOWER ★	GND CON	UNICOM
133.25	120.65 317.8	120.1 (CTAF) L	121.9	122.95



ADF or DME REQUIRED

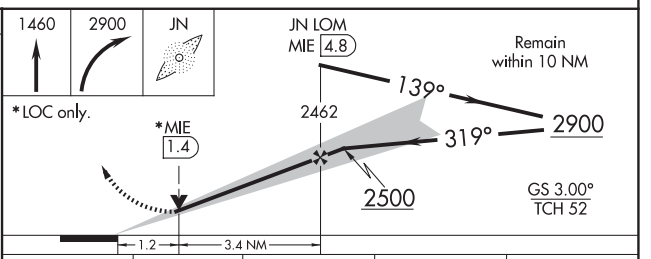
ELEV 937 | D | TDZE 937



HIRL Rwy 14-32 L
MIRL Rwy 3-21 L
REIL Rwys 3, 14 and 21 L

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
S-ILS 32	1137-½ 200 (200-½)			
S-LOC 32	1380-½ 443 (500-½)		1380-⅞ 443 (500-⅞)	
C CIRCLING	1460-1 523 (600-1)		1500-1½ 563 (600-1½)	1600-2 663 (700-2)
FORT WAYNE ALTIMETER SETTING MINIMUMS				
S-ILS 32	1257-⅝ 320 (400-⅝)			
S-LOC 32	1520-½ 583 (600-½)		1520-1½ 583 (600-1½)	1520-2½ 583 (600-2½)
C CIRCLING	1580-1 643 (700-1)		1600-1¾ 663 (700-1¾)	1720-2½ 783 (800-2½)

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

WAAS	APP CRS	Rwy Ldg	5197
CH 78237	025°	TDZE	937
W03A		Apt Elev	937

RNAV (GPS) RWY 3

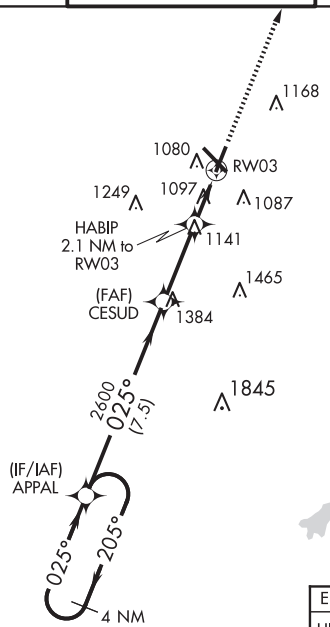
DELAWARE COUNTY RGNL (MIE)

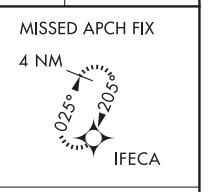
For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -20°C (-4°F) or above 54°C (130°F). DME/DME RNP-0.3 NA. When local altimeter setting not received, use Fort Wayne Intl altimeter setting and increase all DA 121 feet and all MDA 140 feet; increase LPV all Cats and LNAV Cats C/D visibility ⅜ mile, LNAV/VNAV all Cats visibility ⅞ mile and Circling Cats C/D visibility ½ mile. Baro-VNAV NA when using Fort Wayne Intl altimeter setting. Helicopter visibility reduction below ¾ SM NA.

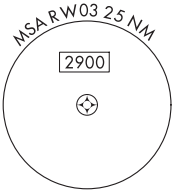
MISSED APPROACH: Climb to 2800 direct IFECA and hold.

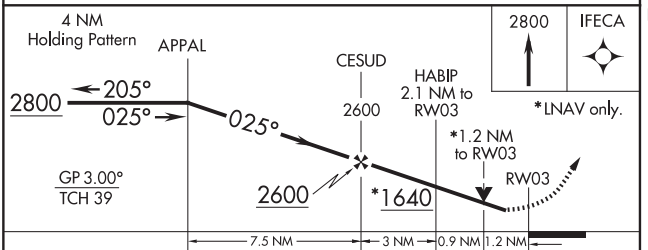
ATIS	INDIANAPOLIS APP CON	MUNCIE TOWER ★	GND CON	UNICOM
133.25	120.65 317.8	120.1 (CTAF) L	121.9	122.95

RADAR REQUIRED









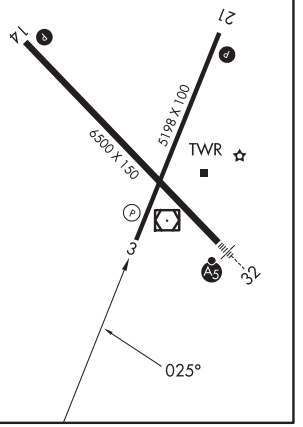
CATEGORY	A	B	C	D
LPV DA	1190-⅞ 253 (300-⅞)			
LNAV/VNAV DA	1412-1⅝ 475 (500-1⅝)			
LNAV MDA	1360-1 423 (500-1)		1360-1¼ 423 (500-1¼)	
C CIRCLING	1460-1 523 (600-1)		1500-1½ 563 (600-1½)	1600-2 663 (700-2)

ELEV 937 D TDZE 937

HIRL Rwy 14-32 L

MIRL Rwy 3-21 L

REIL Rwys 3, 14 and 21 L



EC-2, 12 JUN 2025 to 07 AUG 2025

EC-2, 12 JUN 2025 to 07 AUG 2025

MUNCIE, INDIANA

AL-5011 (FAA)

25163

RNAV (GPS) RWY 14

DELAWARE COUNTY RGNL (MIE)

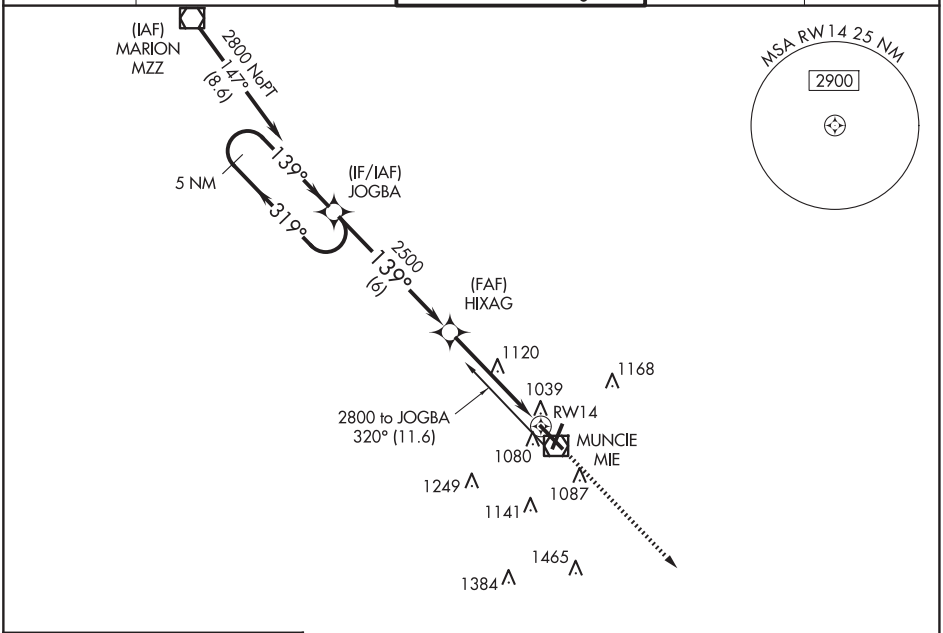
WAAS	APP CRS	Rwy Ldg	6500
CH 56401	139°	TDZE	933
W14A		Apt Elev	937

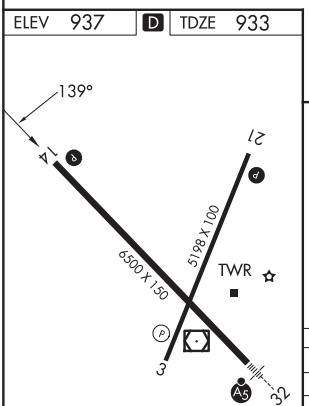
RNP APCH.

For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -16°C (4°F) or above 47°C (116°F). Baro-VNAV and VDP NA when using Fort Wayne Intl altimeter setting. When local altimeter setting not received, use Fort Wayne Intl altimeter setting and increase LPV DA all Cats to 1375 and visibility ⅜ SM, LNAV/VNAV DA all Cats to 1410 and visibility ⅛ SM; increase all MDA 140 feet and LNAV Cat C ½ SM and Cat D ¼ SM, Circling visibility Cat C/D ½ SM.

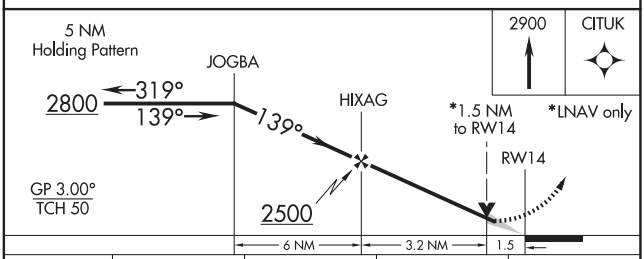
MISSED APPROACH: Climb to 2900 direct CITUK and hold.

ATIS	INDIANAPOLIS APP CON		MUNCIE TOWER ★	GND CON	UNICOM
133.25	120.65	317.8	120.1 (CTAF) L	121.9	122.95





HIRL Rwy 14-32 L
MIRL Rwy 3-21 L
REIL Rwys 3, 14 and 21 L



CATEGORY	A	B	C	D
LPV DA	1254-1 321 (400-1)			
LNAV/VNAV DA	1289-1¼ 356 (400-1¼)			
LNAV MDA	1420-1 487 (500-1)		1420-1¼ 487 (500-1¼)	1420-1½ 487 (500-1½)
C CIRCLING	1460-1¼ 523 (600-1¼)		1480-1½ 543 (600-1½)	1560-2 623 (700-2)

MUNCIE, INDIANA
Orig-C 18JUN20

40°15'N-85°24'W

DELAWARE COUNTY RGNL (MIE)

RNAV (GPS) RWY 14

EC-2, 12 JUN 2025 to 07 AUG 2025

RNAV (GPS) RWY 21

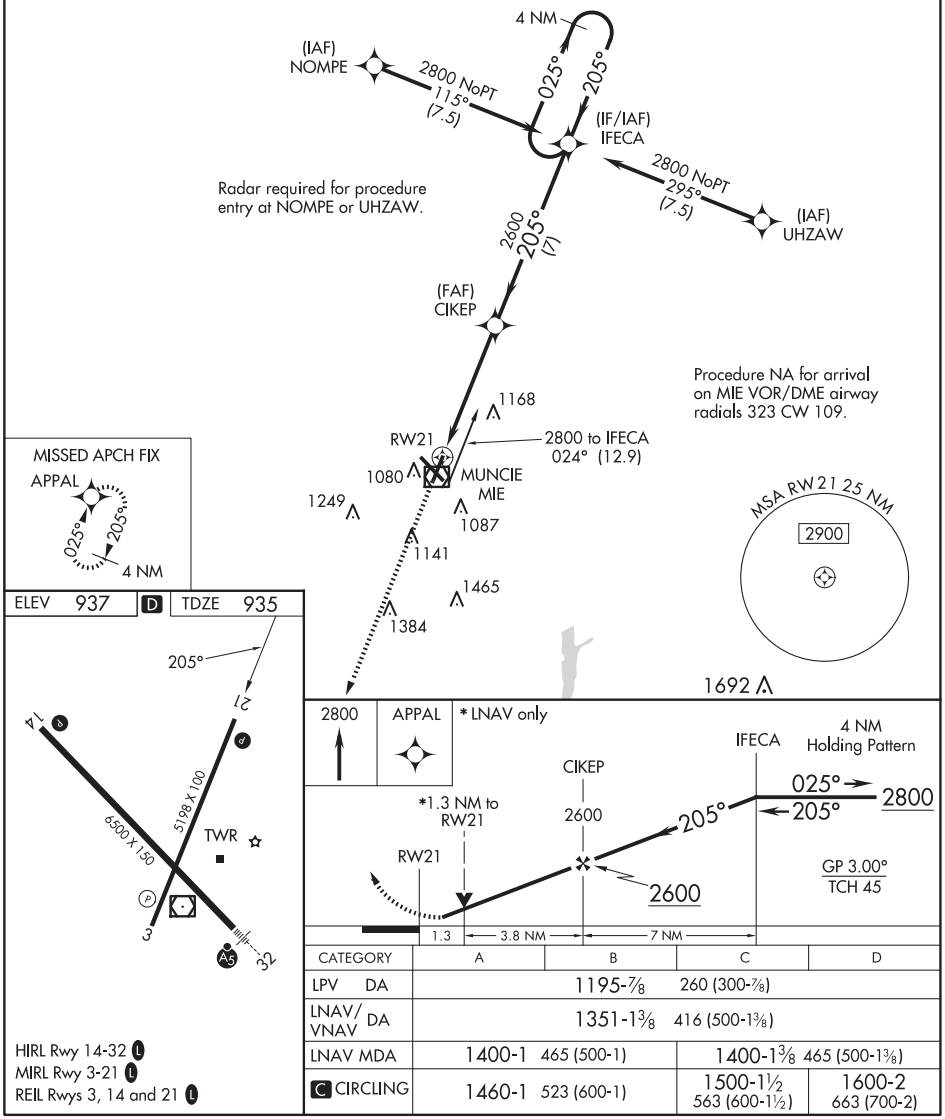
DELAWARE COUNTY RGNL (MIE)

WAAS	APP CRS	Rwy Ldg	5197
CH 53537	205°	TDZE	935
W21A		Apt Elev	937

For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -20°C (-4°F) or above 54°C (130°F). DME/DME RNP-0.3 NA. When local altimeter setting not received, use Fort Wayne Intl altimeter setting and increase all DA 121 feet and all MDA 140 feet; increase LPV all Cats and LNAV Cats C/D visibility 3/8 mile and LNAV/VNAV all Cats and Circling Cats C/D visibility 1/2 mile. Baro-VNAV and VDP NA when using Fort Wayne Intl altimeter setting. Helicopter visibility reduction below 3/4 SM NA.

MISSED APPROACH: Climb to 2800 direct APPAL and hold.

ATIS	INDIANAPOLIS APP CON	MUNCIE TOWER ★	GND CON	UNICOM
133.25	120.65 317.8	120.1 (CTAF) L	121.9	122.95



CATEGORY	A	B	C	D
LPV DA	1195-7/8 260 (300-7/8)			
LNAV/VNAV DA	1351-1 3/8 416 (500-1 3/8)			
LNAV MDA	1400-1 465 (500-1)		1400-1 3/8 465 (500-1 3/8)	
C CIRCLING	1460-1 523 (600-1)		1500-1 1/2 563 (600-1 1/2)	1600-2 663 (700-2)

HIRL Rwy 14-32 L
MIRL Rwy 3-21 L
REIL Rwys 3, 14 and 21 L

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

MUNCIE, INDIANA

AL-5011 (FAA)

25163

RNAV (GPS) RWY 32

DELAWARE COUNTY RGNL (MIE)

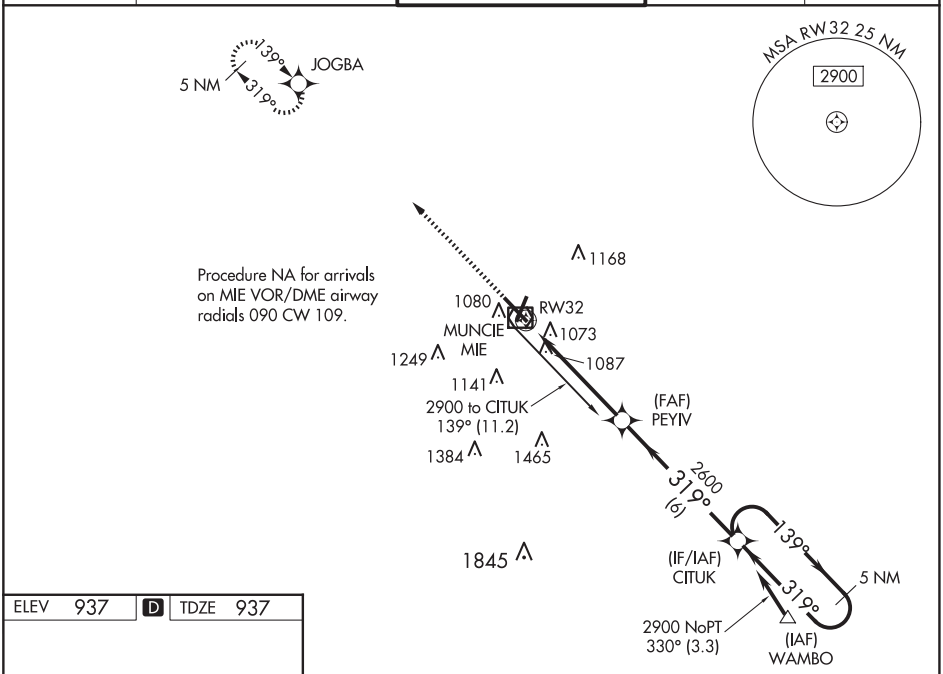
WAAS	APP CRS	Rwy Ldg	6500
CH 72601	319°	TDZE	937
W32A		Apt Elev	937

For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -16°C (4°F) or above 47°C (116°F). DME/DME RNP-0.3 NA. Baro-VNAV and VDP NA when using Fort Wayne Intl altimeter setting. For inop MALSR when using Fort Wayne Intl altimeter setting, increase LPV all Cats visibility to 1½ mile. When local altimeter setting not received, use Fort Wayne Intl altimeter setting and increase DA 121 feet; increase LPV and LNAV/VNAV all Cats visibility by ½ mile; increase all MDA 140 feet and LNAV visibility Cats C and D to 1¼; increase Circling visibility Cats C and D by ¼ mile. For inop MALSR, increase all LPV Cats visibility to 1 SM.

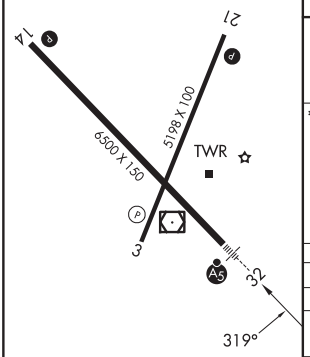
MALSR

MISSED APPROACH: Climb to 2800 direct JOGBA and hold.

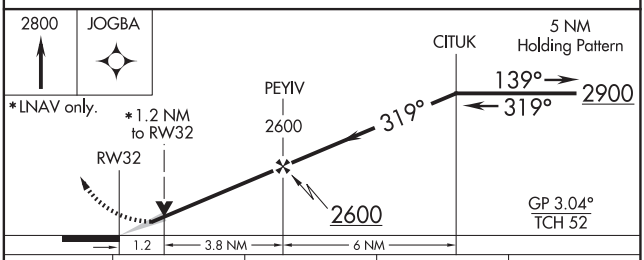
ATIS	INDIANAPOLIS APP CON	MUNCIE TOWER ★	GND CON	UNICOM
133.25	120.65 317.8	120.1 (CTAF) L	121.9	122.95



ELEV 937 D TDZE 937



HIRL Rwy 14-32 L
MIRL Rwy 3-21 L
REIL Rwys 3, 14 and 21 L



CATEGORY	A	B	C	D
LPV DA	1241-½ 304 (400-½)			
LNAV/VNAV DA	1396-1⅛ 459 (500-1⅛)			
LNAV MDA	1460-½ 523 (600-½)		1460-1 523 (600-1)	
C CIRCLING	1460-1 523 (600-1)		1480-1½ 543 (600-1½)	1560-2 623 (700-2)

MUNCIE, INDIANA
Orig-B 12OCT17

40°15'N-85°24'W

DELAWARE COUNTY RGNL (MIE)

RNAV (GPS) RWY 32

EC-2, 12 JUN 2025 to 07 AUG 2025

VOR RWY 14

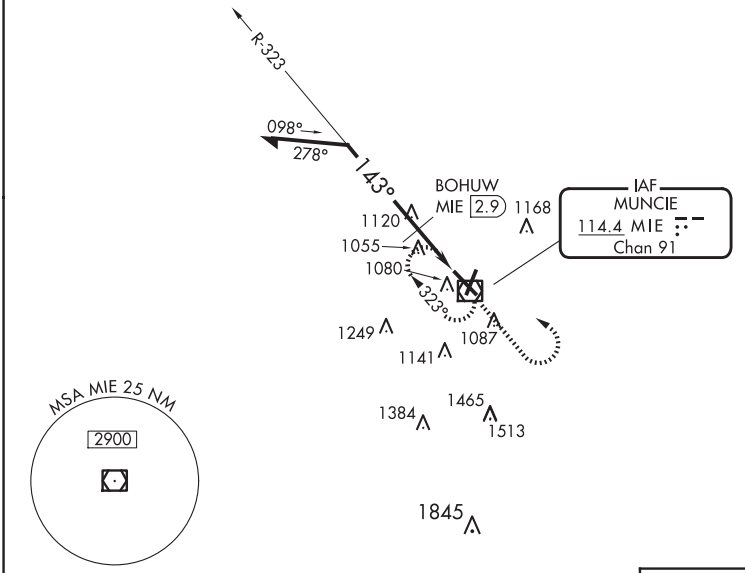
DELAWARE COUNTY RGNL (MIE)

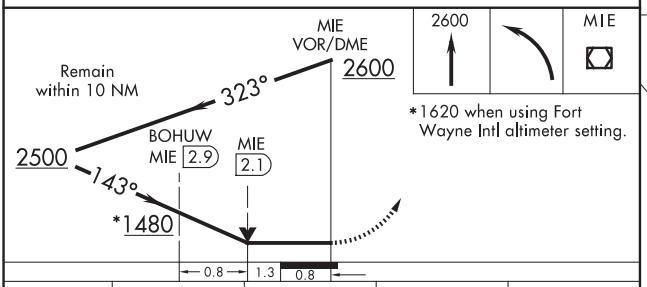
VOR/DME MIE	APP CRS	Rwy Ldg	6500
114.4	143°	TDZE	933
Chan 91		Apt Elev	937

When local altimeter setting not received, use Fort Wayne Intl altimeter setting and increase all MDAs 140 feet; increase S-14 Cat C visibility ½ SM, Cat D ¼ SM; increase Circling Cat C/D visibility ½ SM. BOHUW fix minimums: increase S-14 Cat C visibility ½ SM, Cat D ¼ SM and Circling Cat C/D visibility ½ SM. VDP NA with Fort Wayne altimeter setting.

MISSED APPROACH: Climb to 2600 then left turn direct MIE VOR/DME and hold.

ATIS	INDIANAPOLIS APP CON	MUNCIE TOWER ★	GND CON	UNICOM
133.25	120.65 317.8	120.1 (CTAF) L	121.9	122.95



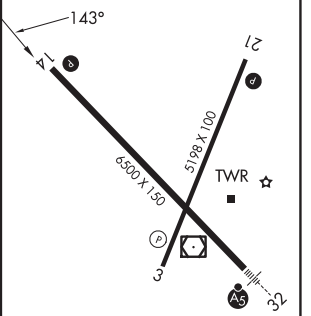


2600		MIE

*1620 when using Fort Wayne Intl altimeter setting.

CATEGORY	A	B	C	D
S-14	1480-1	547 (600-1)	1480-1½ 547 (600-1½)	1480-1¾ 547 (600-1¾)
C CIRCLING	1480-1	543 (600-1)	1480-1½ 543 (600-1½)	1560-2 623 (700-2)
BOHUW FIX MINIMUMS				
S-14	1380-1	447 (500-1)	1380-1¼ 447 (500-1¼)	1380-1½ 447 (500-1½)
C CIRCLING	1460-1	523 (600-1)	1480-1½ 543 (600-1½)	1560-2 623 (700-2)

ELEV 937 D TDZE 933



HIRL Rwy 14-32 L
MIRL Rwy 3-21 L
REIL Rwys 3, 14 and 21 L

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

MUNCIE, INDIANA

AL-5011 (FAA)

25163

VOR/DME MIE	APP CRS	Rwy Ldg 5197
114.4	201°	TDZE 935
Chan 91		Apt Elev 937

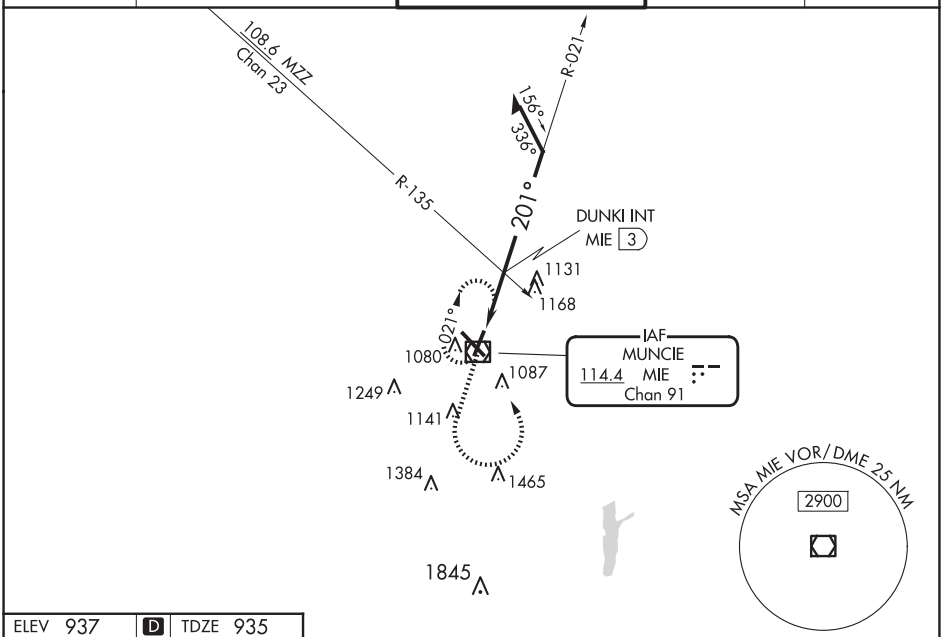
VOR RWY 21

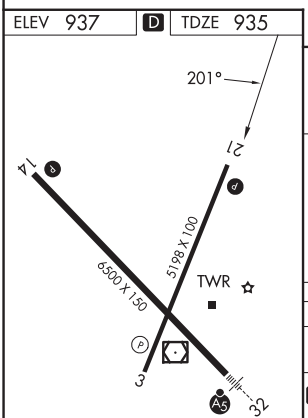
DELAWARE COUNTY RGNL (MIE)

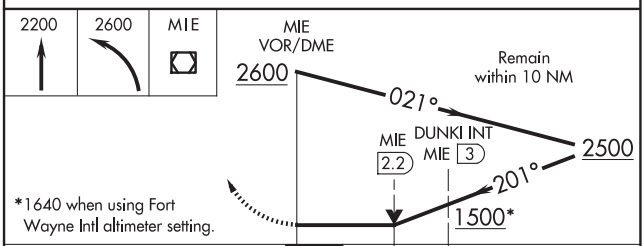
Visibility reduction by helicopters NA. When local altimeter setting not received, use Fort Wayne Intl altimeter setting and increase all MDAs 140 feet; increase S-21 Cat C visibility ½ SM and Cat D visibility ¼ SM; increase Circling Cat C visibility ½ SM and Cat D ¼ SM; DUNKI fix minimums: increase S-21 Cat C/D ⅜ SM and Circling visibility Cat C/D ½ SM. VDP NA when using Fort Wayne Intl altimeter setting.

MISSED APPROACH: Climb to 2200 then climbing left turn to 2600 direct MIE VOR/DME and hold.

ATIS	INDIANAPOLIS APP CON	MUNCIE TOWER★	GND CON	UNICOM
133.25	120.65 317.8	120.1 (CTAF) L	121.9	122.95



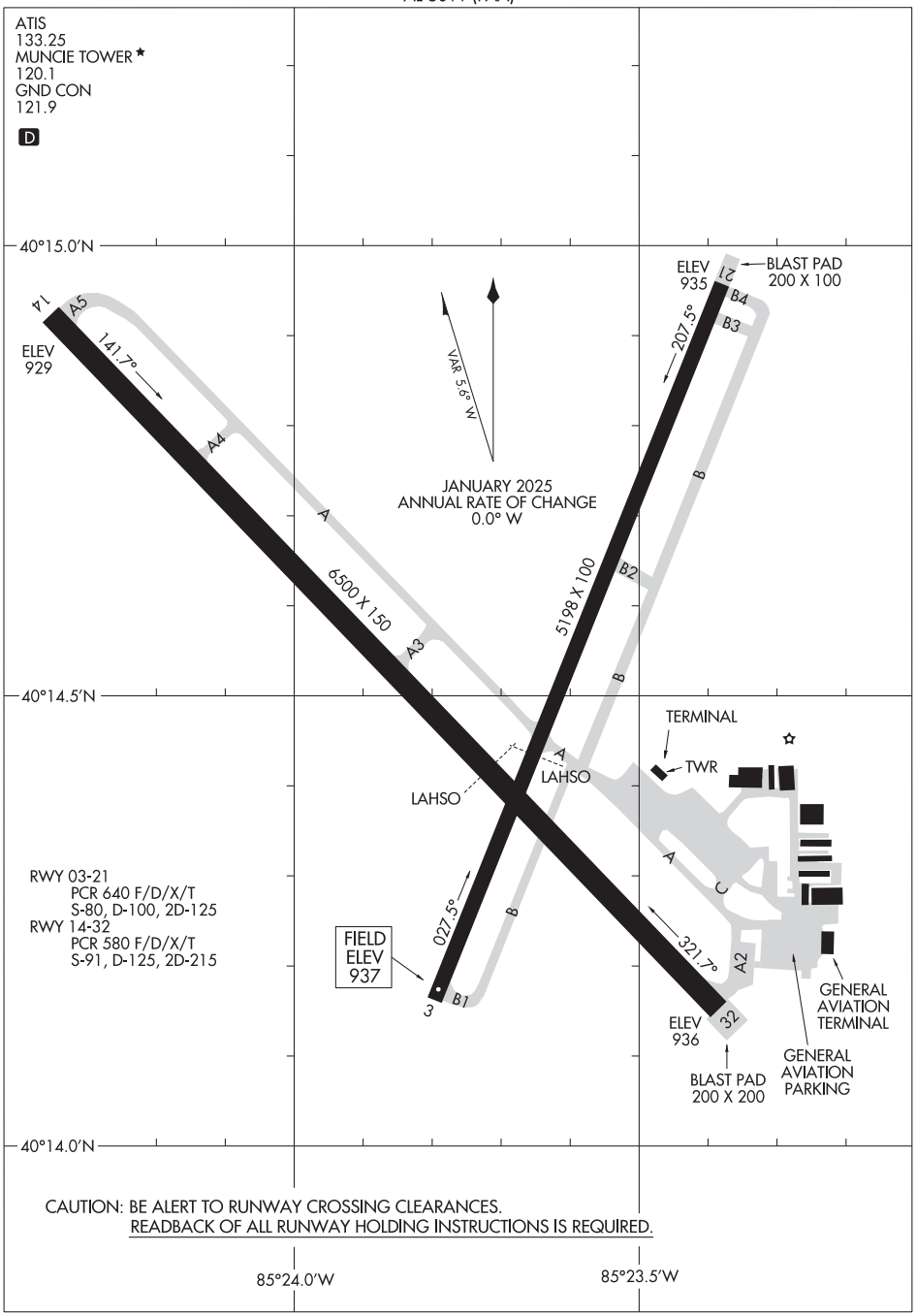




CATEGORY	A	B	C	D
S-21	1500-1 565 (600-1)		1500-1½ 565 (600-1½)	1500-1¾ 565 (600-1¾)
C CIRCLING	1500-1 563 (600-1)		1500-1½ 563 (600-1½)	1560-2 623 (700-2)
DUNKI FIX MINIMUMS (DUAL VOR RECEIVERS OR DME REQUIRED)				
S-21	1440-1 505 (600-1)		1440-1½ 505 (600-1½)	
C CIRCLING	1460-1 523 (600-1)		1480-1½ 543 (600-1½)	1560-2 623 (700-2)

EC-2, 12 JUN 2025 to 07 AUG 2025

EC-2, 12 JUN 2025 to 07 AUG 2025



EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

NAPOLEON, OHIO | AL-6434 (FAA) | 23110

APP CRS	Rwy Idg	4001
286°	TDZE	683
	Apt Elev	683

RNAV (GPS) RWY 28

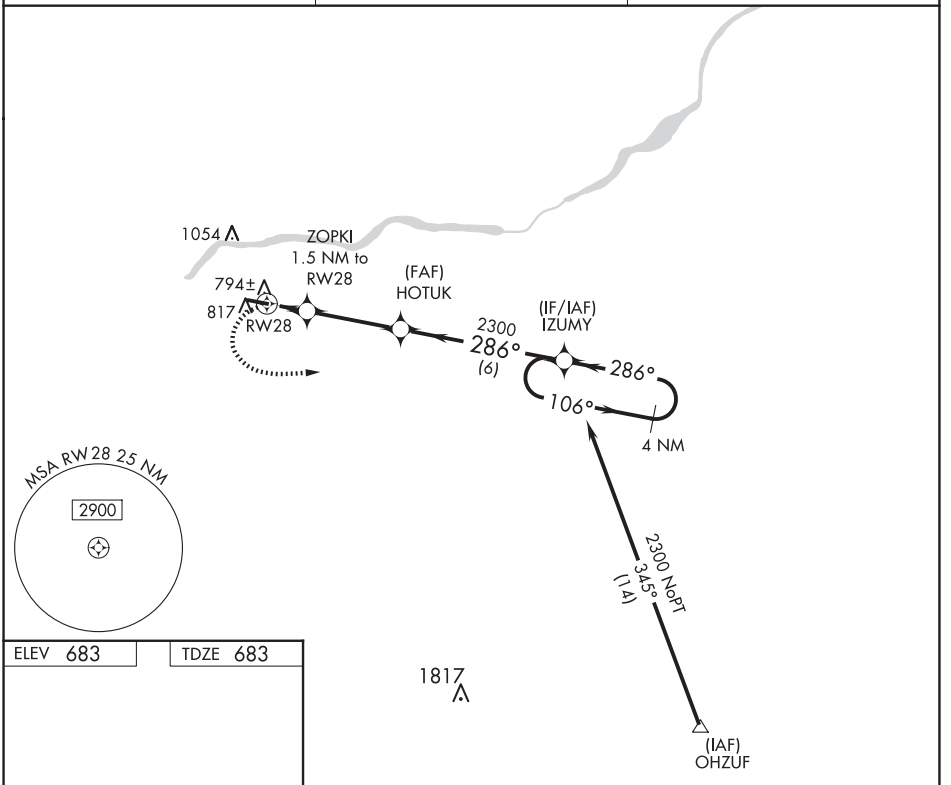
HENRY COUNTY (7W5)

RNP APCH.

Rwy 28 helicopter visibility reduction below ¾ SM NA. Circling Rwy 10 NA at night. Use Toledo Express altimeter setting. When not received, procedure NA.

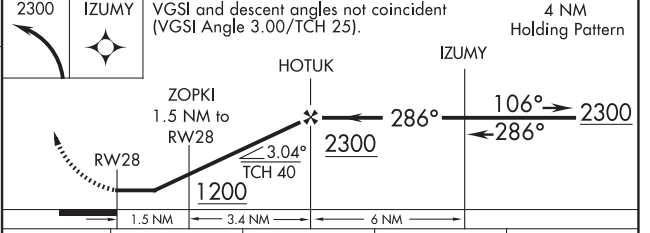
MISSED APPROACH: Climbing left turn to 2300 direct IZUMY and hold.

TOL ASOS	TOLEDO APP CON	UNICOM
118.75 290.225	134.35 307.0	123.0 (CTAF)



ELEV 683 | TDZE 683

REIL Rwy 10-28 L
MIRL Rwy 10-28 L



CATEGORY	A	B	C	D
LNAV MDA	1100-1	417 (500-1)	1100-1⅛ 417 (500-1⅛)	NA
C CIRCLING	1220-1	537 (600-1)	1400-2 717 (800-2)	NA

NAPOLEON, OHIO
Amdt 1 24MAY18

41°22'N-84°04'W

HENRY COUNTY (7W5)

RNAV (GPS) RWY 28

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

RNAV (GPS)-A

NAPPANEE MUNI (CØ3)

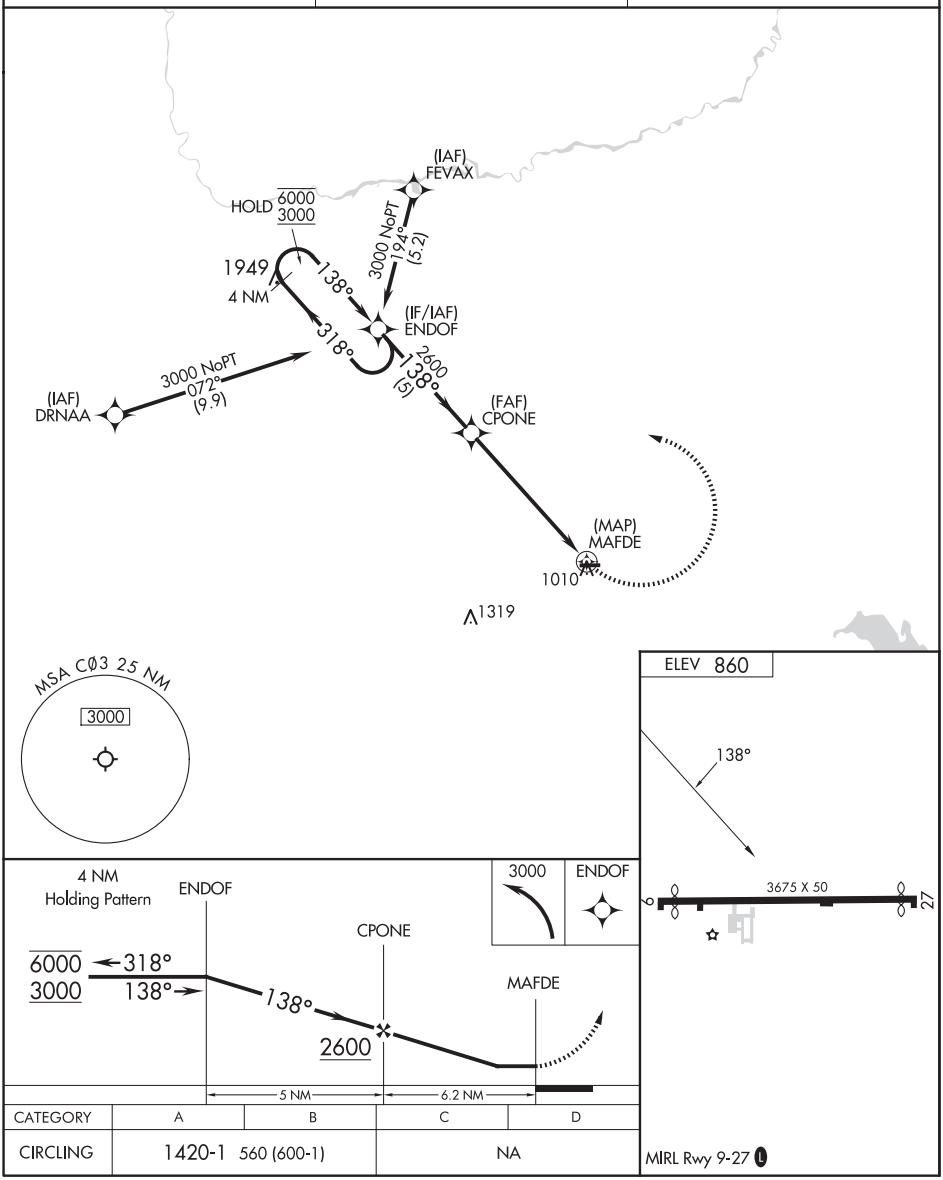
APP CRS	Rwy Idg	N/A
138°	TDZE	N/A
	Apt Elev	860

RNP APCH - GPS.

Rwy 9, 27 helicopter visibility reduction below 1 SM NA.
NA Procedure NA at night. Use SBN altimeter setting.

MISSED APPROACH: Climbing left turn to 3000 direct ENDOF and hold.

SBN ASOS	SOUTH BEND APP CON ★	UNICOM
120.675	132.05 257.8	123.0 (CTAF)



CATEGORY	A	B	C	D
CIRCLING	1420-1 560 (600-1)		NA	

MIRL Rwy 9-27 (L)

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

RNAV (GPS) RWY 10

NEW CASTLE HENRY COUNTY MARLATT FLD (UWL)

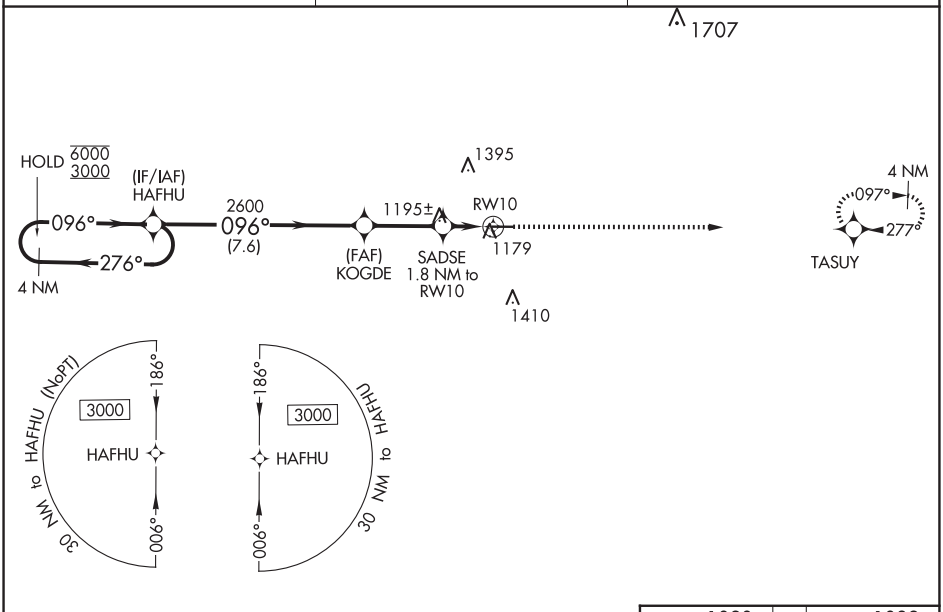
WAAS	APP CRS	Rwy Idg	4201
CH 82041	096°	TDZE	1089
W10A		Apt Elev	1090

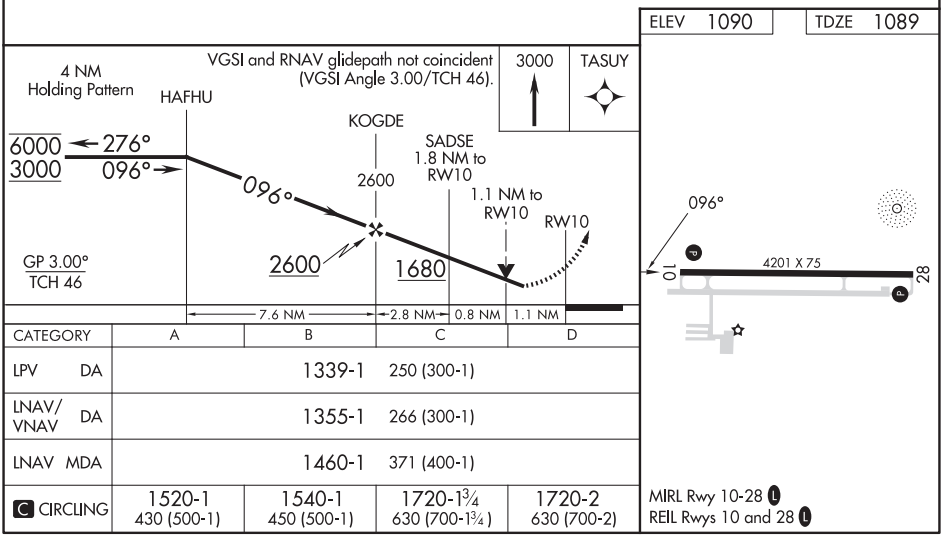
RNP APCH - GPS.

T A Rwy 10 helicopter visibility reduction below ¾ SM NA. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -17°C or above 54°C. Baro-VNAV and VDP NA when using AID altimeter setting. When local altimeter setting not received, use Anderson altimeter setting; increase LPV DA to 1408 feet; increase LNAV/VNAV DA to 1424 feet; increase all MDAs 80 feet, LNAV visibility Cat C/D ⅜ SM, and Circling visibility Cat C/D ¼ SM.

MISSED APPROACH: Climb to 3000 direct TASUY and hold.

AWOS-3	INDIANAPOLIS APP CON	UNICOM
132.375	135.45 317.8	123.05 (CTAF) L





CATEGORY	A	B	C	D
LPV DA		1339-1	250 (300-1)	
LNAV/VNAV DA		1355-1	266 (300-1)	
LNAV MDA		1460-1	371 (400-1)	
C CIRCLING	1520-1 430 (500-1)	1540-1 450 (500-1)	1720-1¾ 630 (700-1¾)	1720-2 630 (700-2)

MIRL Rwy 10-28 L
REIL Rwys 10 and 28 L

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

WAAS CH 70541 W28A	APP CRS 276°	Rwy Idg 4201 TDZE 1090 Apt Elev 1090

RNAV (GPS) RWY 28

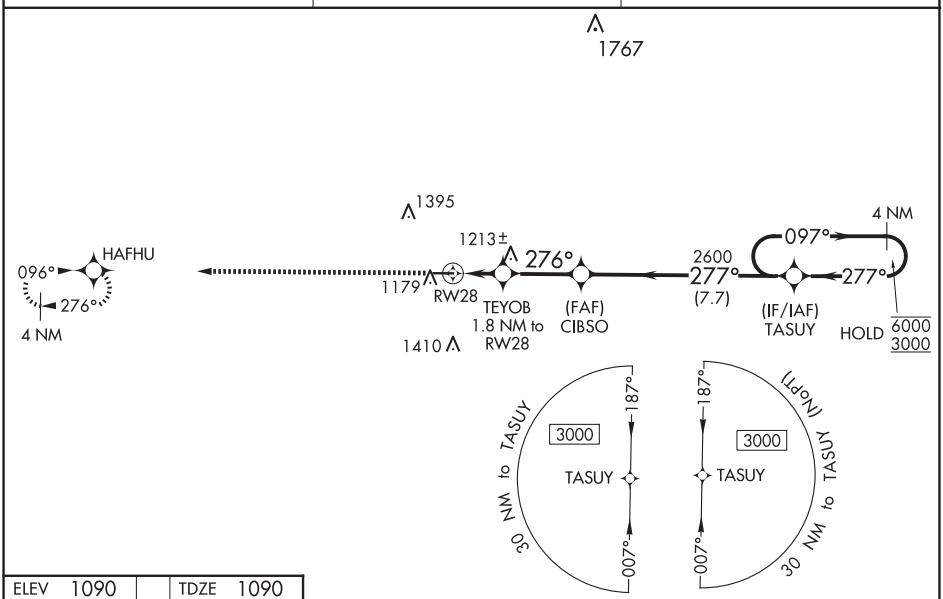
NEW CASTLE HENRY COUNTY MARLATT FLD (UWL)

RNP APCH - GPS.

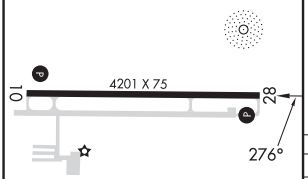
Rwy 28 helicopter visibility reduction below ¾ SM NA. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -17°C or above 54°C. Baro-VNAV and VDP NA when using AID altimeter setting. When local altimeter setting not received, use Anderson altimeter setting; increase LPV DA to 1412 feet; increase LNAV/VNAV DA to 1437 feet; increase all MDAs 80 feet, LNAV visibility Cat C/D ⅜ SM, and Circling visibility Cat C/D ¼ SM.

MISSED APPROACH: Climb to 3000 direct HAFHU and hold.

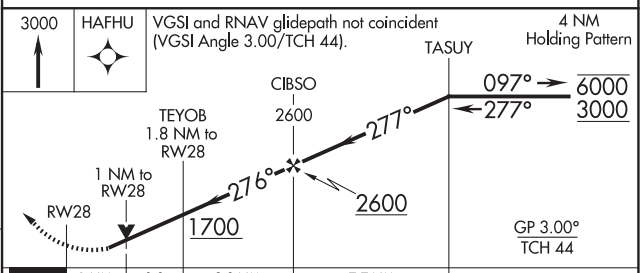
AWOS-3	INDIANAPOLIS APP CON	UNICOM
132.375	135.45 317.8	123.05 (CTAF) L



ELEV 1090	TDZE 1090



MIRL Rwy 10-28 L
REIL Rwys 10 and 28 L



CATEGORY	A	B	C	D
LPV DA	1343-1		253 (300-1)	
LNAV/VNAV DA	1368-1		278 (300-1)	
LNAV MDA	1480-1		390 (400-1)	
C CIRCLING	1520-1 430 (500-1)	1540-1 450 (500-1)	1720-1¾ 630 (700-1¾)	1720-2 630 (700-2)

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

NEW CASTLE, INDIANA AL-6042 (FAA) 24361

NDB RWY 10

NEW CASTLE HENRY COUNTY MARLATT FLD (UWL)

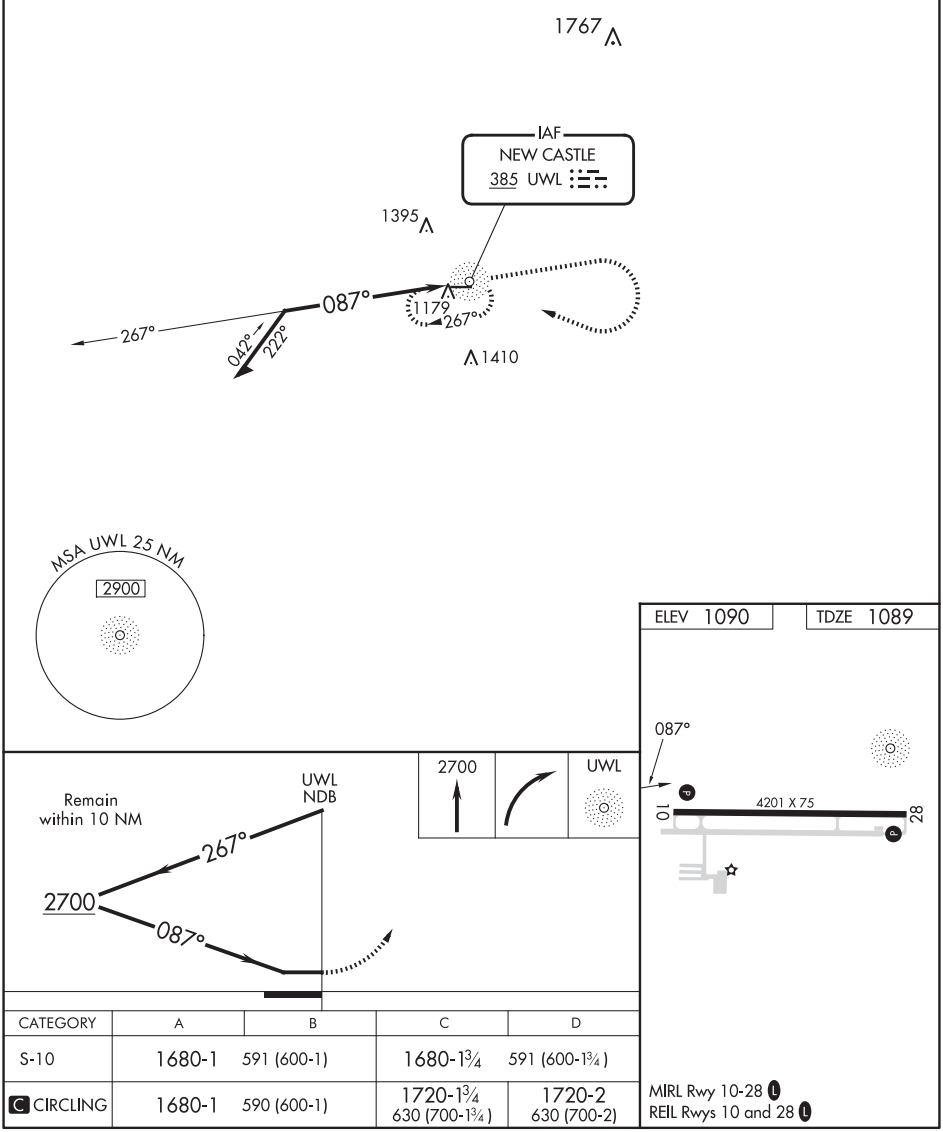
NDB UWL	APP CRS	Rwy Idg	4201
385	087°	TDZE	1089
		Apt Elev	1090

RADAR required for procedure entry.

Rwy 10 helicopter visibility reduction below ¾ SM NA. When local altimeter setting not received, use Anderson altimeter setting and increase all MDAs 80 feet, S-10 visibility Cat C/D ⅛ SM, and Circling visibility Cat C/D ¼ SM.

MISSED APPROACH: Climb to 2700 then right turn direct UWL NDB and hold.

AWOS-3	INDIANAPOLIS APP CON	UNICOM
132.375	135.45 317.8	123.05 (CTAF) L



CATEGORY	A	B	C	D
S-10	1680-1	591 (600-1)	1680-1¾	591 (600-1¾)
C CIRCLING	1680-1	590 (600-1)	1720-1¾ 630 (700-1¾)	1720-2 630 (700-2)

MIRL Rwy 10-28 L
REIL Rwys 10 and 28 L

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

RNAV (GPS) RWY 26

ED NEWLON FLD (I86)

APP CRS	Rwy Idg	3498
259°	TDZE	1047
	Apt Elev	1051

DME/DME RNP-0.3 NA. Visibility reduction by helicopters NA. Use Zanesville altimeter setting; when not received, use Lancaster altimeter setting and increase all MDA 20 feet. Procedure NA at night.

MISSED APPROACH: Climb to 3000 direct JEGUN and via 215° track to LARIC and hold.

INDIANAPOLIS CENTER	UNICOM
124.45 323.275	122.8 (CTAF) L

Procedure NA for arrivals at ZZV VOR/DME via V38 northwest bound.

(IAF) ZANESVILLE ZZV

3000 NoPT 201° (11.7)

MSA RW 26 25 NM 2700

4 NM 079° 259°

1559

1330

(FAF) QANGI

2700 259° (6.5)

(IF/IAF) OBKAE

3000 NoPT 349° (5)

RW26

1179±

JEGUN

1381

(IAF) FEHOP

215°

4 NM 169° 349°

LARIC

1599

3000 356° (18)

FARLN

ELEV 1051 TDZE 1047

259°

0.3% UP

26

3498 X 75

8

3000 | JEGUN | 215° tr | LARIC

VGSI and descent angles not coincident (VGSI Angle 4.00/TCH 28).

4 NM Holding Pattern

OBKAE

QANGI

079° 259° 3000

259°

RW26

3.04° TCH 40

2700

5 NM 6.5 NM

CATEGORY	A	B	C	D
LNAV MDA	1620 - 1	573 (600-1)	1620 - 1½ 573 (600-1½)	NA
CIRCLING	1620 - 1	569 (600-1)	1620 - 1½ 569 (600-1½)	NA

REIL Rwy 26 L

MIRL Rwy 8-26 L

EC-2, 12 JUN 2025 to 07 AUG 2025

EC-2, 12 JUN 2025 to 07 AUG 2025

NEW LEXINGTON, OHIO

AL-6802 (FAA)

24305

VOR/DME RWY 26

ED NEWLON FLD (I86)

VOR/DME ZZV	APP CRS	Rwy Idg	3498
114.95	229°	TDZE	1047
Chan 96(Y)		Apt Elev	1051

NA — Visibility reduction by helicopters NA. Use Zanesville altimeter setting; when not received, use Lancaster altimeter setting and increase all MDA 20 feet. Procedure NA at night.

MISSED APPROACH: Climb to 3000 via ZZV VOR/DME R-229 to LARIC INT/ZZV 31 DME and hold.

INDIANAPOLIS CENTER	UNICOM
124.45 323.275	122.8 (CTAF) L

NoPT for arrival on ZZV VOR/DME airway radials 298 CW 147.

049° 1 min 229° R-049

IF/IAF ZANESVILLE 114.95 ZZV Chan 96(Y)

2700 229° (14.9)

1559

GOFAR ZZV 14.9

1330 1186

1381

R-229

MISSED APCH FIX 116.7 APE Chan 114 114.95 ZZV Chan 96(Y) 168° R-229 348° R-168 LARIC ZZV 31

MSA ZZV 25 NM 2700

1599

ELEV 1051 TDZE 1047

229° 0.3% UP 26 3498 X 75

3000	ZZV R-229	LARIC ZZV 31

VGSI and descent angles not coincident (VGSI Angle 4.00/TCH 28).

One Minute Holding Pattern

ZZV VOR/DME 049° 3000 229° 229°

GOFAR ZZV 14.9

ZZV 20.3

2.82° TCH 40 2700

5.4 NM 14.9 NM

CATEGORY	A	B	C	D
S-26	1620-1 573 (600-1)	1620-1¼ 573 (600-1¼)	1620-1½ 573 (600-1½)	NA
CIRCLING	1620-1 569 (600-1)	1620-1¼ 569 (600-1¼)	1620-1½ 569 (600-1½)	NA

REIL Rwy 26 L

MIRL Rwy 8-26 L

EC-2, 12 JUN 2025 to 07 AUG 2025

EC-2, 12 JUN 2025 to 07 AUG 2025

APP CRS	Rwy Ldg	3621
147°	TDZE	894
	Apt Elev	894

RNAV (GPS) RWY 15

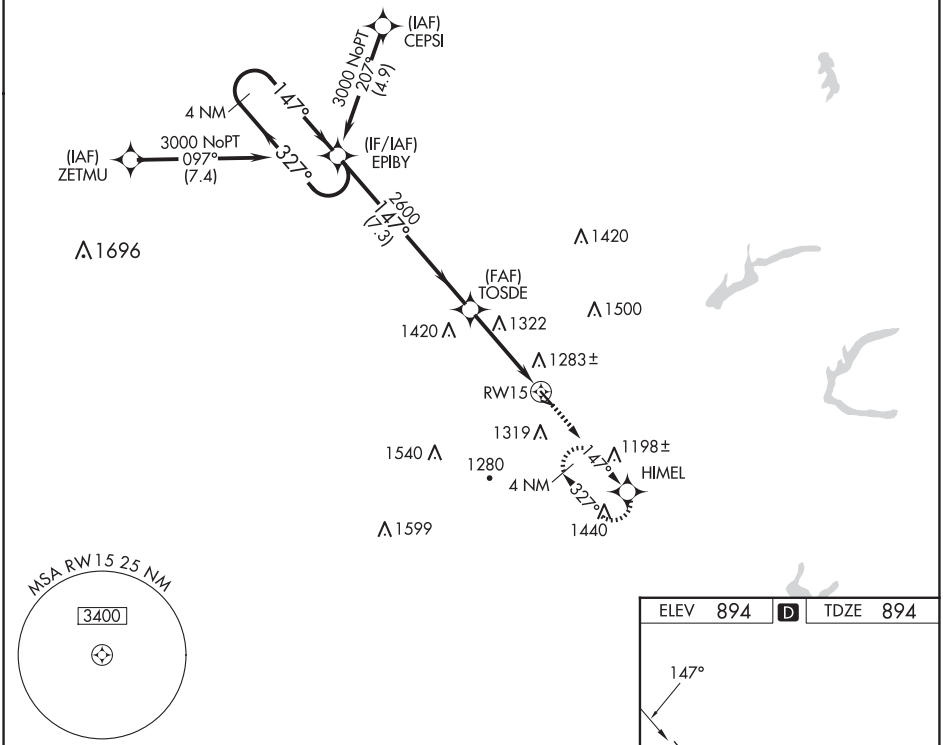
HARRY CLEVER FLD (PHD)

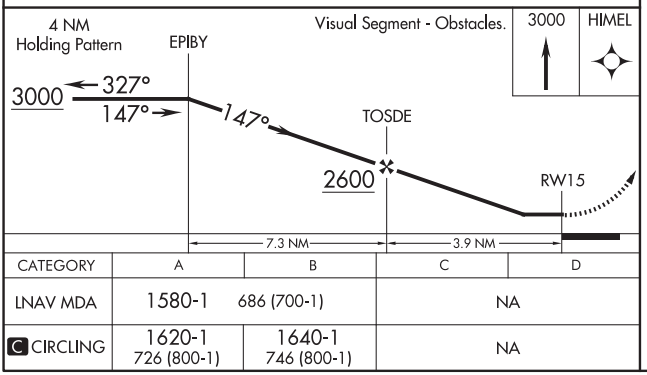
RNP APCH.

Circling NA to Rwys 12 and 30. Procedure NA at night. Rwy 15 helicopter visibility reduction below 1 SM NA.

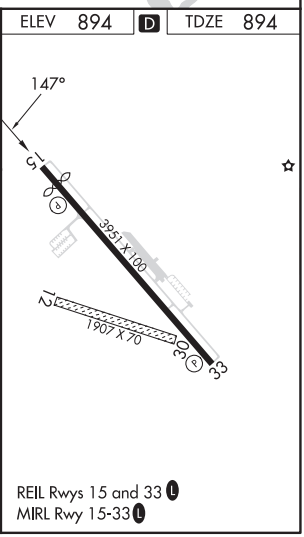
MISSED APPROACH: Climb to 3000 direct HIMEL and hold, continue climb-in-hold to 3000.

ASOS	CLEVELAND APP CON ★	UNICOM	
121.425	125.5 371.875	122.8 (CTAF)	123.3 L





CATEGORY	A	B	C	D
LNAV MDA	1580-1	686 (700-1)	NA	
C CIRCLING	1620-1 726 (800-1)	1640-1 746 (800-1)	NA	



EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

NEW PHILADELPHIA, OHIO | AL-5554 (FAA) | 25163

WAAS	APP CRS	Rwy Ldg	3634
CH 70343	327°	TDZE	893
W33A		Apt Elev	894

RNAV (GPS) RWY 33
HARRY CLEVER FLD (PHD)

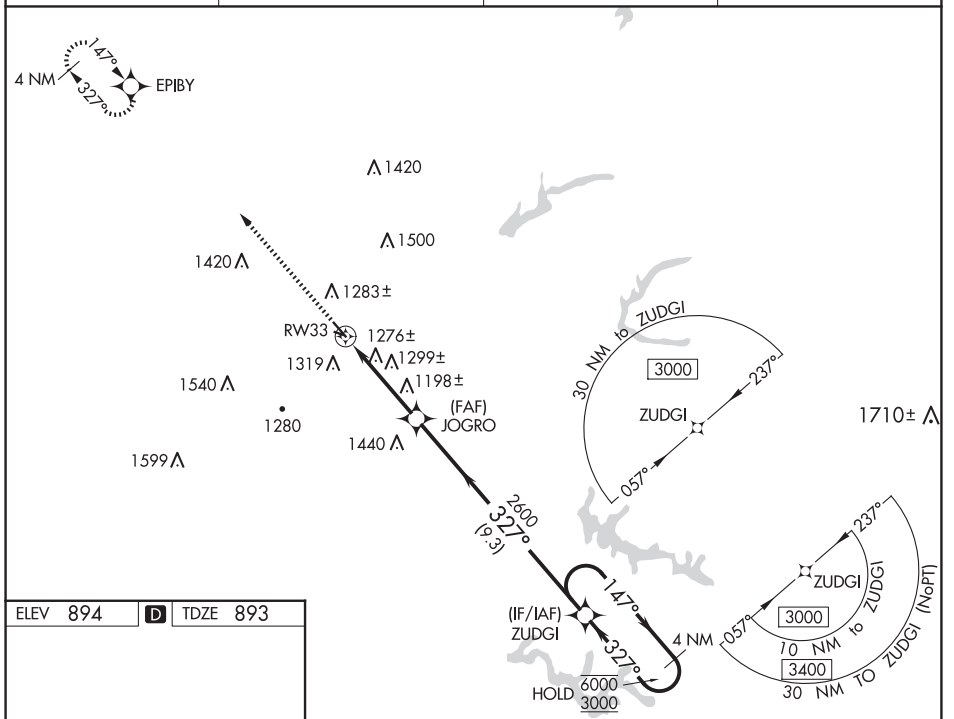
RNP APCH.

T

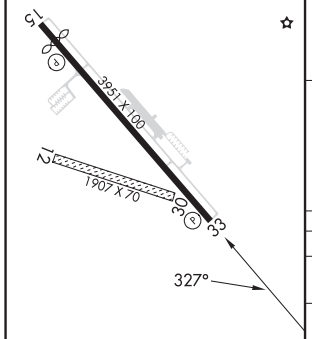
Circling NA to Rwys 12 and 30.
Rwy 33 helicopter visibility reduction below 1 SM NA.
Procedure NA at night.

MISSED APPROACH: Climb to 3000 direct EPIBY and hold.

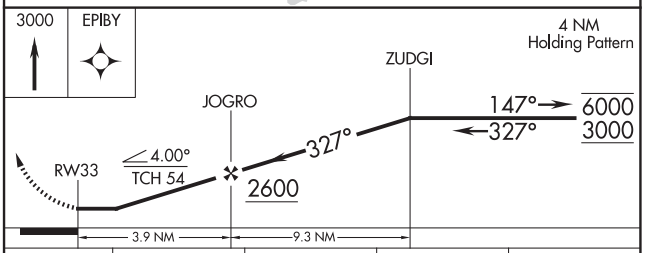
ASOS	CLEVELAND APP CON★	UNICOM	
121.425	125.5 371.875	122.8 (CTAF)	123.3 L



ELEV 894 | D | TDZE 893



REIL Rwys 15 and 33 L
MIRL Rwy 15-33 L



CATEGORY	A	B	C	D
LP MDA	1540-1	647 (700-1)	NA	
LNAV MDA	1560-1	667 (700-1)	NA	
C CIRCLING	1620-1 726 (800-1)	1640-1 746 (800-1)	NA	

NEW PHILADELPHIA, OHIO
Orig 13SEP18

40°28'N-81°25'W

HARRY CLEVER FLD (PHD)
RNAV (GPS) RWY 33

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

VOR/DME BSV	APP CRS	Rwy Ldg	N/A
114.05	182°	TDZE	N/A
Chan 87 (Y)		Apt Elev	894

VOR-A

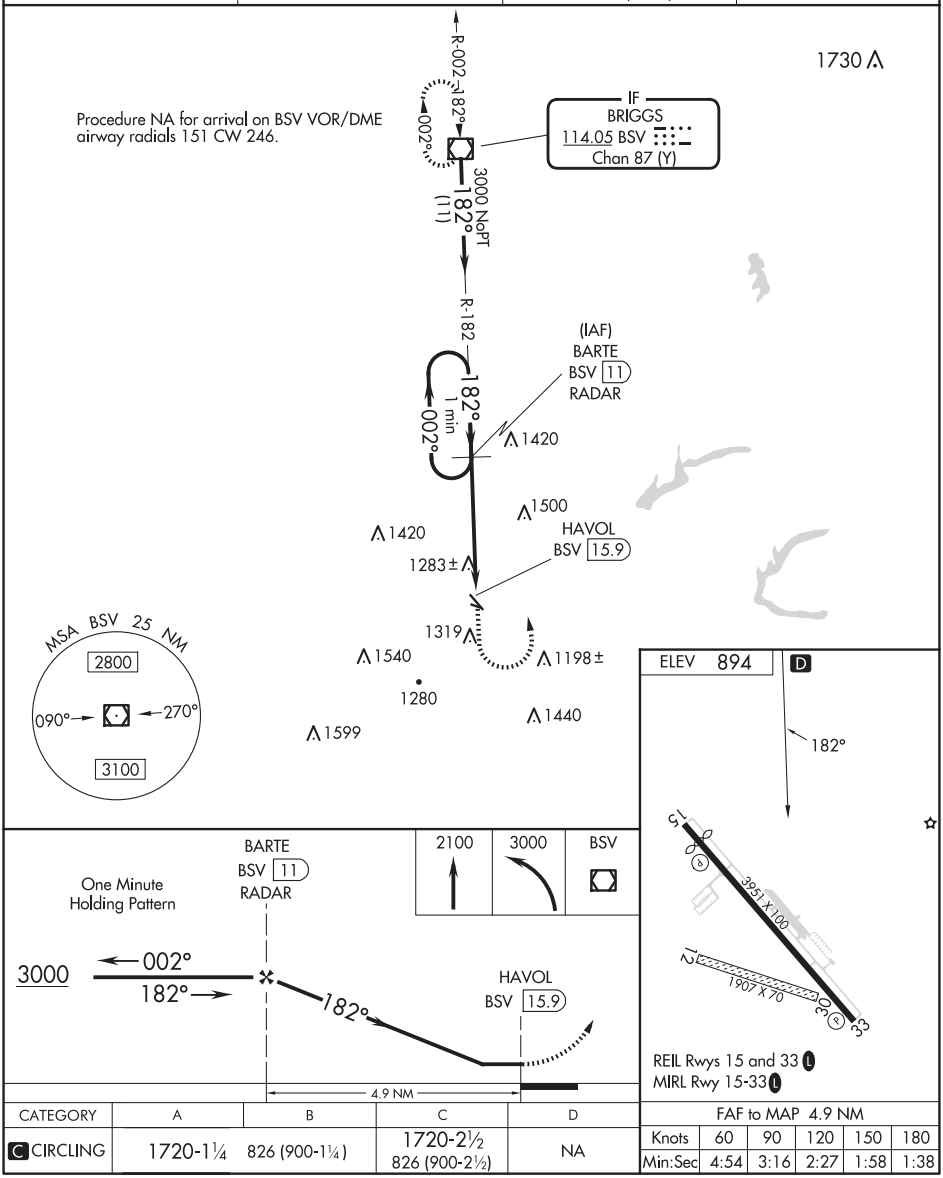
HARRY CLEVER FLD (PHD)

DME or RADAR required.

Circling NA to Rwys 12 and 30. Rwy 15, 33 helicopter visibility reduction below 1 SM NA. Procedure NA at night.

MISSED APPROACH: Climb to 2100 then climbing left turn to 3000 direct BSV VOR/DME and hold.

ASOS	CLEVELAND APP CON★	UNICOM	
121.425	125.5 371.875	122.8 (CTAF)	123.3 L



CATEGORY	A	B	C	D
C CIRCLING	1720-1¼	826 (900-1¼)	1720-2½ 826 (900-2½)	NA

FAF to MAP 4.9 NM					
Knots	60	90	120	150	180
Min:Sec	4:54	3:16	2:27	1:58	1:38

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

NEWARK, OHIO AL-5536 (FAA) 24305

WAAS	APP CRS	Rwy Idg	4192
CH 57939	093°	TDZE	884
W09A		Apt Elev	884

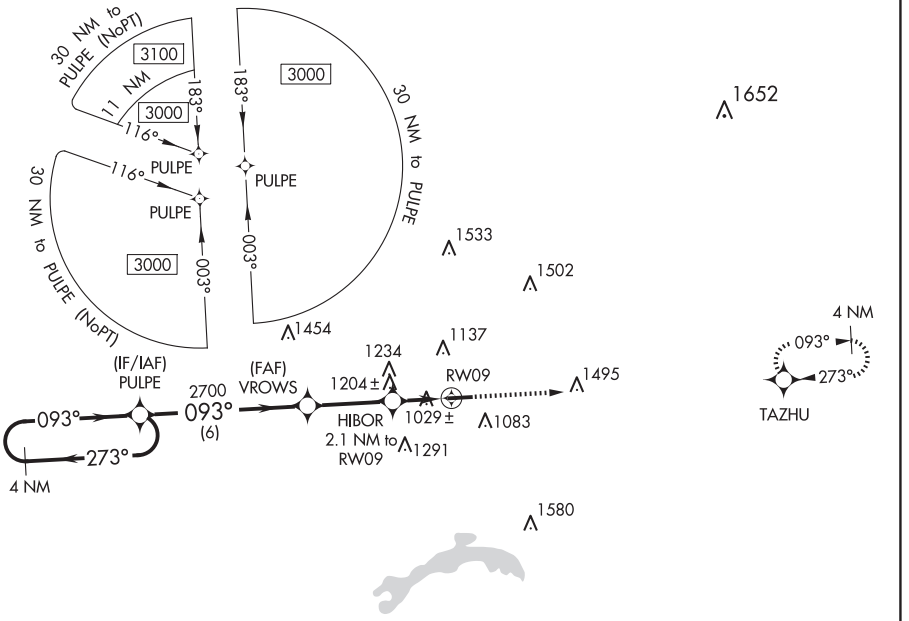
RNAV (GPS) RWY 9

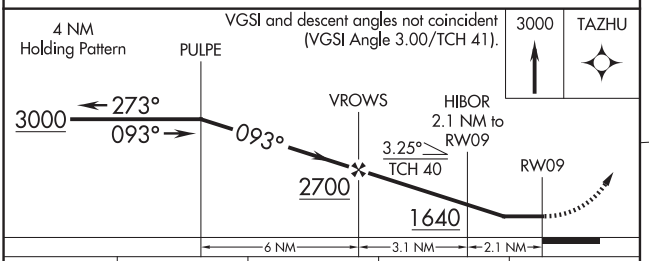
LICKING COUNTY RGNL (VTA)

Rwy 9 helicopter visibility reduction below 1 SM NA. DME/DME RNP-0.3 NA. Straight-in Rwy 9 NA at night, Circling Rwy 9 NA at night.

MISSED APPROACH: Climb to 3000 direct TAZHU and hold.

ASOS	COLUMBUS APP CON	CLNC DEL	UNICOM	
121.125	125.95 317.775	125.175	122.7 (CTAF)	123.3 L





ELEV 884 TDZE 884

CATEGORY	A	B	C	D
LP MDA	1280-1 396 (400-1)		1280-1⅛ 396 (400-1⅛)	
LNAV MDA	1460-1 576 (600-1)		1460-1⅝ 576 (600-1⅝)	
C CIRCLING	1460-1 576 (600-1)	1480-1 596 (600-1)	1760-2½ 876 (900-2½)	1760-2¾ 876 (900-2¾)

MIRL Rwy 9-27 L
REIL Rwys 9 and 27 L

NEWARK, OHIO LICKING COUNTY RGNL (VTA)

Amdt 1 07DEC17 40°01'N-82°28'W

RNAV (GPS) RWY 9

EC-2, 12 JUN 2025 to 07 AUG 2025

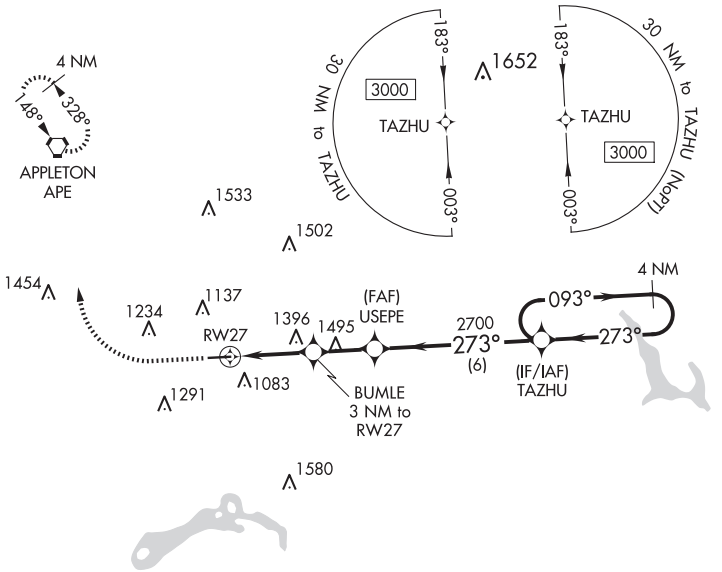
WAAS	APP CRS	Rwy Idg	4649
CH 97439	273°	TDZE	879
W27A		Apt Elev	884

RNAV (GPS) RWY 27
LICKING COUNTY RGNL (VTA)

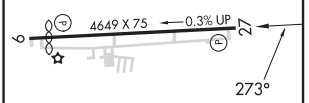
Circling Rwy 9 NA at night. Rwy 27 helicopter visibility reduction below ¾ SM NA. DME/DME RNP-0.3 NA.

MISSED APPROACH: Climb to 2000 then climbing right turn to 3000 direct APE VORTAC and hold.

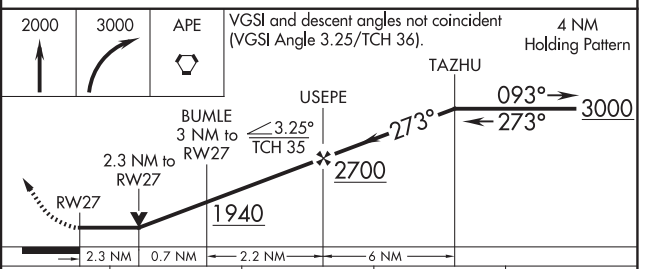
ASOS	COLUMBUS APP CON	CLNC DEL	UNICOM	
121.125	125.95 317.775	125.175	122.7 (CTAF)	123.3 L



ELEV 884 TDZE 879



MIRL Rwy 9-27 L
REIL Rwys 9 and 27 L



CATEGORY	A	B	C	D
LP MDA	1680-1 801 (800-1)	1680-1¼ 801 (800-1¼)	1680-2½ 801 (800-2½)	
LNAV MDA	1700-1 821 (900-1)	1700-1¼ 821 (900-1¼)	1700-2½ 821 (900-2½)	
C CIRCLING	1700-1¼ 816 (900-1¼)		1760-2½ 876 (900-2½)	1760-2¾ 876 (900-2¾)

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

NEWARK, OHIO AL-5536 (FAA) 24305

LOC I-RXK	APP CRS	Rwy Idg 4192
110.9	093°	TDZE 884
		Apt Elev 884

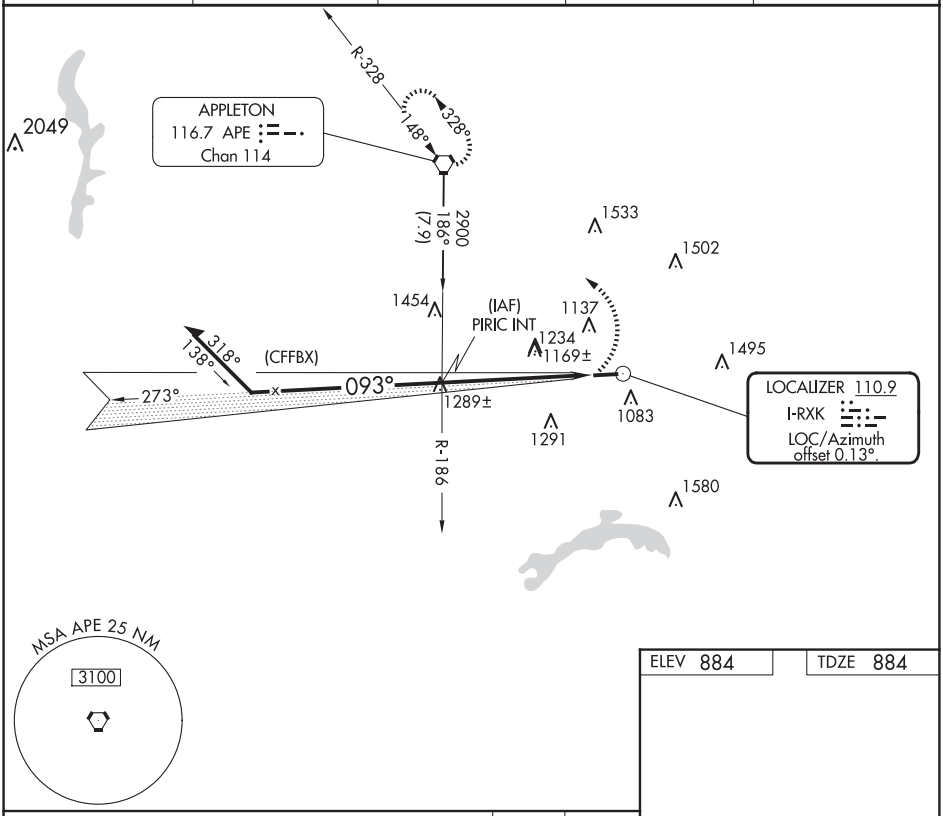
LOC RWY 9

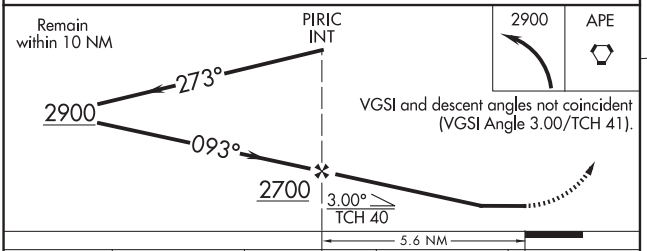
LICKING COUNTY RGNL (VTA)

Rwy 9 helicopter visibility reduction below 1 SM NA. Straight-in and Circling Rwy 9 NA at night.

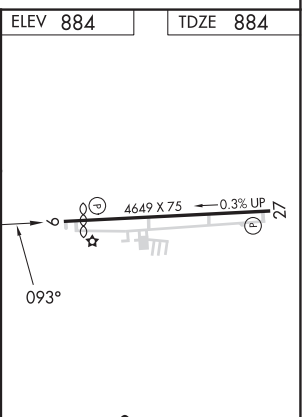
MISSED APPROACH: Climbing left turn to 2900 direct APE VORTAC and hold.

ASOS	COLUMBUS APP CON	CLNC DEL	UNICOM	
121.125	125.95 317.775	125.175	122.7 (CTAF)	123.3 L





CATEGORY	A	B	C	D
S-9	1420-1	536 (600-1)	1420-1½	536 (600-1½)
C CIRCLING	1480-1	596 (600-1)	1760-2½ 876 (900-2½)	1760-2¾ 876 (900-2¾)



MIRL Rwy 9-27 L
REIL Rwys 9 and 27 L

FAF to MAP 5.6 NM

Knots	60	90	120	150	180
Min:Sec	5:36	3:44	2:48	2:14	1:52

NEWARK, OHIO
Orig-B 31DEC20

40°01′N-82°28′W

LICKING COUNTY RGNL (VTA)
LOC RWY 9

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

VORTAC APE 116.7 Chan 114	APP CRS 148°	Rwy Idg N/A TDZE N/A Apt Elev 884

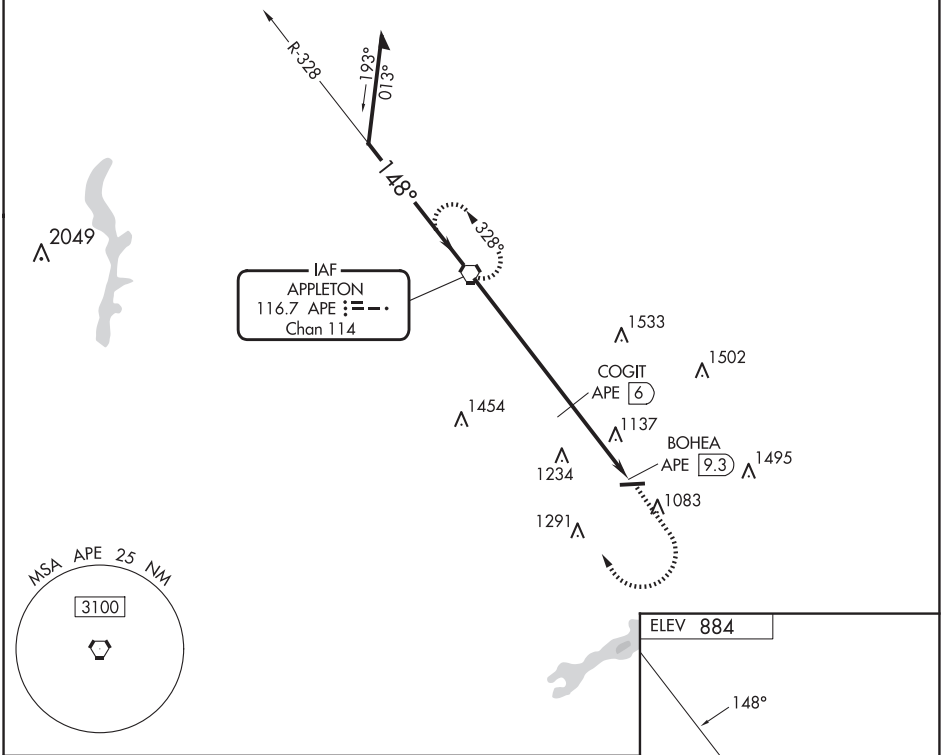
VOR-A

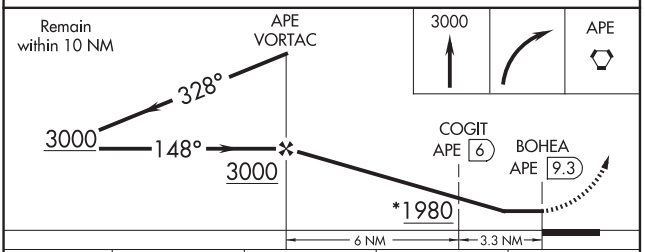
LICKING COUNTY RGNL (VTA)

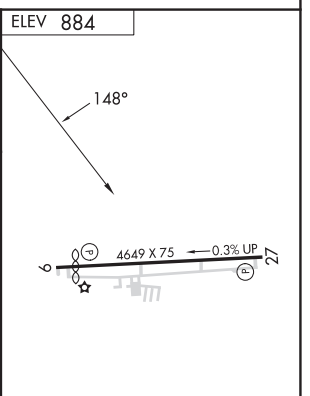
Circling Rwy 9 NA at night.

MISSED APPROACH: Climb to 3000 then right turn direct APE VORTAC and hold.

ASOS	COLUMBUS APP CON	CLNC DEL	UNICOM	
121.125	125.95 317.775	125.175	122.7 (CTAF)	123.3 L







CATEGORY	A	B	C	D
C CIRCLING	1980-1¼ 1096 (1100-1¼)	1980-1½ 1096 (1100-1½)	1980-3 1096 (1100-3)	
COGIT FIX MINIMUMS				
C CIRCLING	1620-1 736 (800-1)		1700-2½ 816 (900-2½)	1760-2¾ 876 (900-2¾)

MIRL Rwy 9-27 L
REIL Rwys 9 and 27 L

FAF to MAP 9.3 NM

Knots	60	90	120	150	180
Min:Sec	9:18	6:12	4:39	3:43	3:06

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

NORTH VERNON, INDIANA | AL-6124 (FAA) | 25163

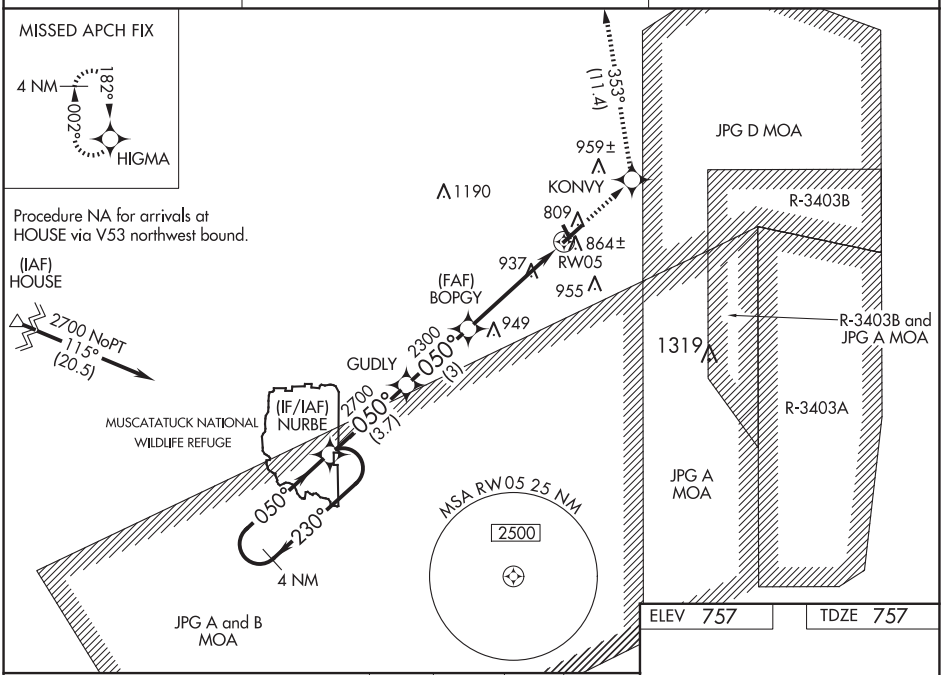
RNAV (GPS) RWY 5
NORTH VERNON (OVO)

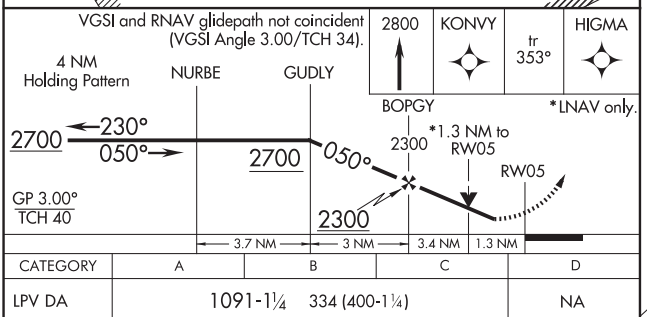
WAAS CH 70713 W05A	APP CRS 050°	Rwy Ldg 5002 / TDZE 757 / Apt Elev 757

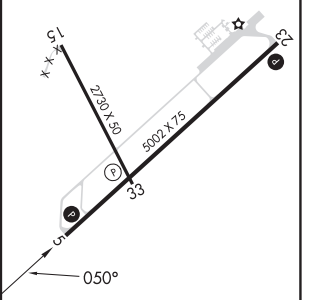
T NA — For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -16°C (4°F) or above 54°C (130°F). DME/DME RNP-0.3 NA. When local altimeter setting not received, use Shelbyville altimeter setting and increase LPV DA to 1175, LNAV/VNAV DA to 1200, and all MDAs 100 feet. Increase LPV all Cats visibility ⅛ SM, LNAV/VNAV and LNAV and Circling Cat C visibility ¼ SM. VDP and Baro-VNAV NA when using Shelbyville alimeter setting. Helicopter visibility reduction below ¾ SM NA.

MISSED APPROACH: Climb to 2800 direct KONVY and on track 353° to HIGMA and hold.

AWOS-3	INDIANAPOLIS APP CON	UNICOM
120.625	134.85 317.8	122.7 (CTAF) L







CATEGORY	A	B	C	D
LPV DA	1091-1¼ 334 (400-1¼)			NA
LNAV/VNAV DA	1116-1¼ 359 (400-1¼)			NA
LNAV MDA	1200-1 443 (500-1)		1200-1⅜ 443 (500-1⅜)	NA
CIRCLING	1200-1 443 (500-1)	1300-1 543 (600-1)	1300-1½ 543 (600-1½)	NA

MIRL Rwy 5-23 L
MIRL Rwy 15-33

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

APP CRS	Rwy Idg	5002
210°	TDZE	755
	Apt Elev	757

RNAV (GPS) Y RWY 23

NORTH VERNON (OVO)

RNP APCH - GPS.

T A NA

Circling to Rwy 15, 33 NA at night. When local altimeter setting not received, use Shelbyville altimeter setting and increase all MDAs 100 feet, and LNAV visibility Cat C 3/8 SM, and Circling visibility Cat C 1/4 SM. VDP NA when using Shelbyville Muni altimeter setting.

MISSED APPROACH: Climb to 1200 then climbing right turn to 2700 direct NURBE and hold.

AWOS-3	INDIANAPOLIS APP CON	UNICOM
120.625	134.85 317.8	122.7 (CTAF) L

MISSED APCH FIX

NURBE 050° 230° 4 NM

30 NM to GELOW (NoPT) 3100 25 NM to GELOW 2800 110° GELOW 290°

4 NM 1400 A HOLD 6000 2800 020° 200°

(IAF) HEVON 2800 NoPT 110° (7)

2100 200° (3.1) 1800 200° (2.1) (IF/IAF) GELOW 2800 NoPT 290° (7) (IAF) WASPU

TETIE

(FAF) CEXAR 210°

ENRGA 1.3 NM to STDFD 959A 869± 809A

1190 A

Final Approach Course offset 20 degrees.

(MAP) STDFD 937A 955A

110° HEVON 2800 30 NM to HEVON 020°

JPG D MOA

R-3403B

JPG A MOA

R-3403A

JPG A & B MOA

JPG A MOA & R3403B

WASPU 290° 2800 020° 30 NM to WASPU

ELEV 757 TDZE 755

210°

2730 X 50 5002 X 75 15 33 33

1200 2700 NURBE

VGSI and descent angles not coincident (VGSI Angle 3.00/TCH 27).

4 NM Holding Pattern

ENRGA 1.3 NM to STDFD CEXAR TETIE GELOW

0.6 NM to STDFD STDFD 3.00° TCH 40 210° 1360 1800 2100 200° 020° 200° 6000 2800

0.5 0.6 0.7 1.4 NM 2.1 NM 3.1 NM

CATEGORY	A	B	C	D
LNAV MDA	1120-1 365 (400-1)			NA
CIRCLING	1180-1 423 (500-1)	1300-1 543 (600-1)	1300-1½ 543 (600-1½)	NA

MIRL Rwy 5-23 L

MIRL Rwy 15-33

EC-2, 12 JUN 2025 to 07 AUG 2025

EC-2, 12 JUN 2025 to 07 AUG 2025

NORTH VERNON, INDIANA | AL-6124 (FAA) | 25163

WAAS	APP CRS	Rwy Ldg	5002
CH 63113	230°	TDZE	755
W23A		Apt Elev	757

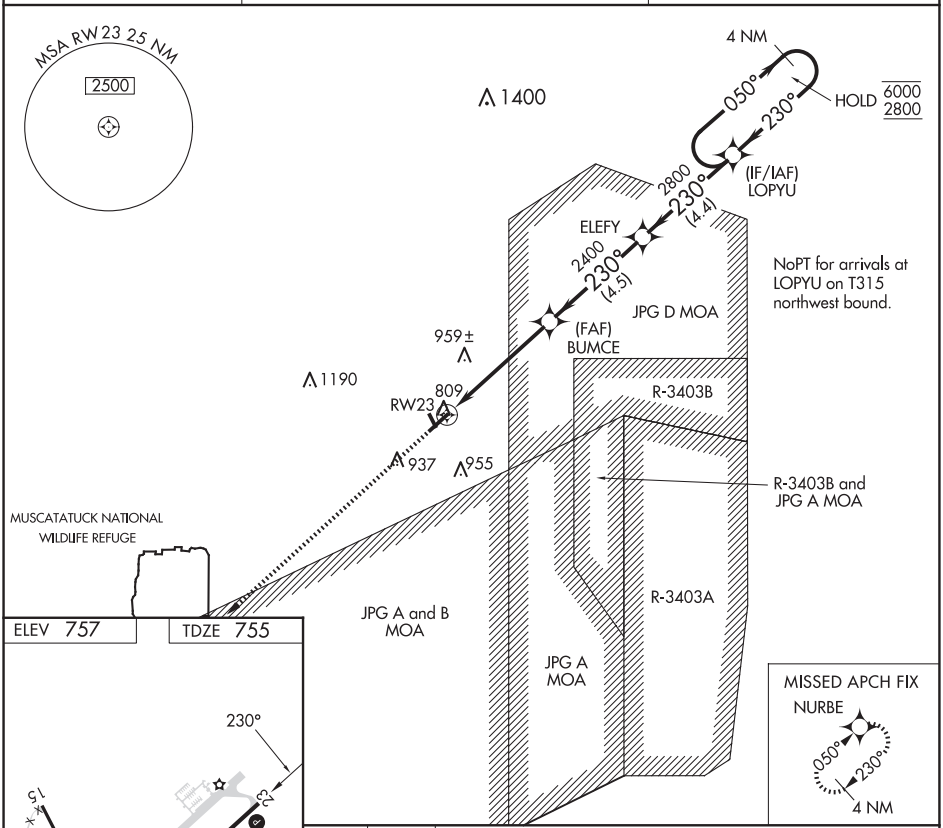
RNAV (GPS) Z RWY 23
NORTH VERNON (OVO)

RNP APCH - GPS.

NA When local altimeter setting not received, use GEZ altimeter setting and increase LPV DA to 1089 feet all visibilities ¼ mile.

MISSED APPROACH: Climb to 2700 direct NURBE and hold.

AWOS-3	INDIANAPOLIS APP CON	UNICOM
120.625	134.85 317.8	122.7 (CTAF) L



CATEGORY	A	B	C	D
LPV DA	1005-1 250 (300-1)			NA

MIRL Rwy 5-23 L
MIRL Rwy 15-33

NORTH VERNON, INDIANA
Orig-B 20FEB25

39°03'N - 85°36'W

NORTH VERNON (OVO)
RNAV (GPS) Z RWY 23

EC-2, 12 JUN 2025 to 07 AUG 2025

EC-2, 12 JUN 2025 to 07 AUG 2025

WAAS	APP CRS	Rwy Idg	3541
CH 86835	276°	TDZE	851
W28A		Apt Elev	853

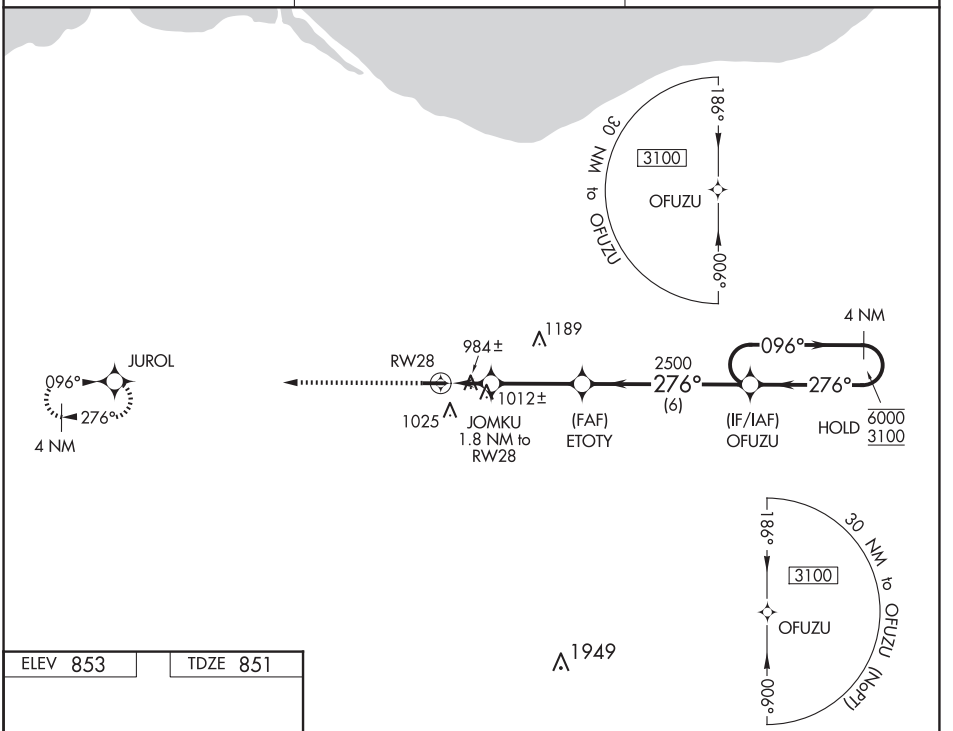
RNAV (GPS) RWY 28
NORWALK/HURON COUNTY (5A1)

RNP APCH.

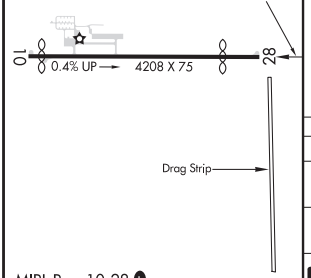
T
A NA Rwy 28 helicopter visibility reduction below 1 SM NA. Procedure NA at night. Use Cleveland-Hopkins Intl altimeter setting.

MISSED APPROACH: Climb to 3000 direct JUROL and hold.

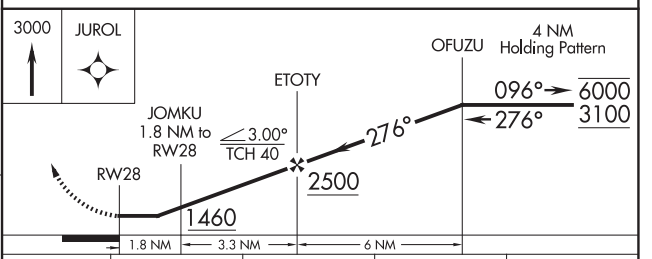
CLE ASOS	CLEVELAND APP CON ★	UNICOM
127.85	128.35 360.65	122.8 (CTAF) L



ELEV 853 TDZE 851



MIRL Rwy 10-28 L



CATEGORY	A	B	C	D
LP MDA	1320-1 469 (500-1)		1320-1⅜ 469 (500-1⅜)	NA
LNAV MDA	1360-1 509 (600-1)		1360-1⅜ 509 (600-1⅜)	NA
C CIRCLING	1420-1 567 (600-1)		1440-1½ 587 (600-1½)	NA

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

OTTAWA, OHIO AL-6287 (FAA) 23054

WAAS	APP CRS	Rwy Idg	4502
CH **86514**	**095°**	TDZE	**760**
W09A		Apt Elev	**763**

RNAV (GPS) RWY 9
PUTNAM COUNTY (OWX)

RNP APCH.

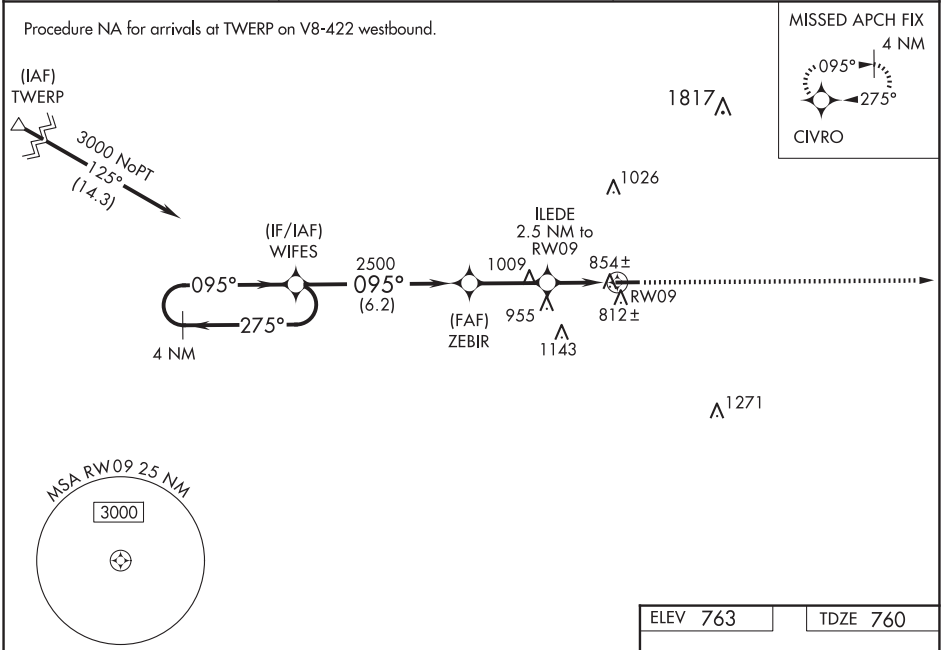
T NA

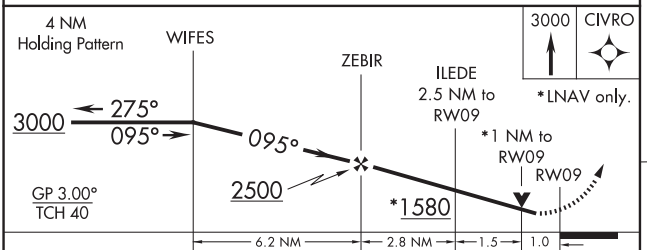
For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -16°C or above 54°C. Rwy 9 helicopter visibility reduction below ¾ SM NA. Baro-VNAV and VDP NA when using Findlay altimeter setting. When local altimeter setting not received, use Findlay altimeter setting and increase all DAs/MDAs 40 feet.

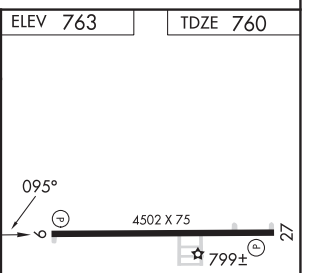
MISSED APPROACH: Climb to 3000 direct CIVRO and hold.

AWOS-3	TOLEDO APP CON	UNICOM
120.525	**120.8 317.55**	**122.7** (CTAF) L

Procedure NA for arrivals at TWERP on V8-422 westbound.







CATEGORY	A	B	C	D
LPV DA	1048-1	288 (300-1)	NA	
LNAV/VNAV DA	1147-1½	387 (400-1½)	NA	
LNAV MDA	1120-1	360 (400-1)	NA	
CIRCLING	1200-1 437 (500-1)	1220-1 457 (500-1)	NA	

REIL Rwys 9 and 27 L
MIRL Rwy 9-27 L

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

WAAS	APP CRS		
CH **97614**	**275°**	Rwy Idg	**4502**
W27A		TDZE	**763**
		Apt Elev	**763**

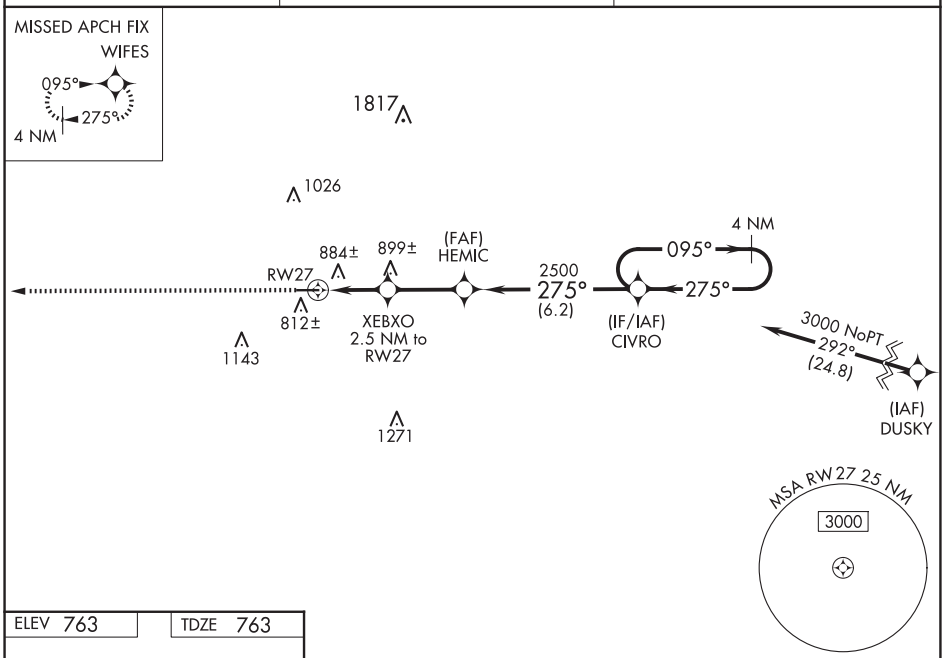
RNAV (GPS) RWY 27
PUTNAM COUNTY (OWX)

RNP APCH.

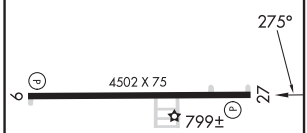
NA — For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -16°C or above 54°C . Baro-VNAV and VDP NA when using Findlay altimeter setting. Rwy 27 helicopter visibility reduction below ¾ SM NA. When local altimeter setting not received, use Findlay altimeter setting and increase all DAs/MDAs 40 feet.

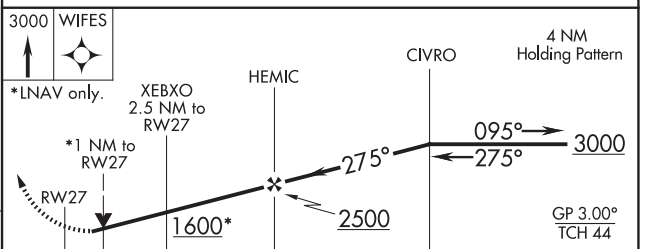
MISSED APPROACH: Climb to 3000 direct WIFES and hold.

AWOS-3	TOLEDO APP CON	UNICOM
120.525	**120.8 317.55**	**122.7** (CTAF) L



ELEV 763	TDZE 763





CATEGORY	A	B	C	D
LPV DA	1048-1	285 (300-1)	NA	
LNAV/VNAV DA	1185-1½	422 (500-1½)	NA	
LNAV MDA	1140-1	377 (400-1)	NA	
CIRCLING	1200-1 437 (500-1)	1220-1 457 (500-1)	NA	

REIL Rwys 9 and 27 L
MIRL Rwy 9-27 L

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

OTTAWA, OHIO | AL-6287 (FAA) | 23054

VOR RWY 27

PUTNAM COUNTY (OWX)

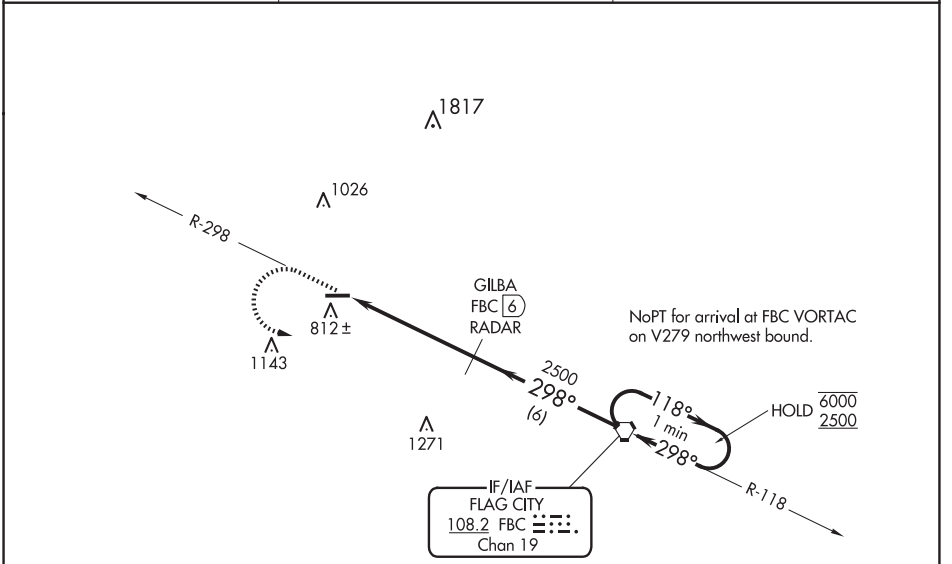
VORTAC FBC	APP CRS	Rwy Idg	4502
108.2	298°	TDZE	763
Chan 19		Apt Elev	763

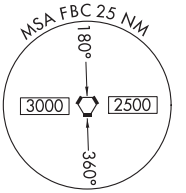
RADAR or DME required.

Rwy 27 helicopter visibility reduction below 1 SM NA. Straight-in, Circling Rwy 27 NA at night.

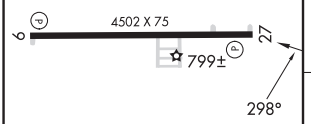
MISSED APPROACH: Climb to 2500 on FBC VORTAC R-298 then left turn direct FBC VORTAC and hold.

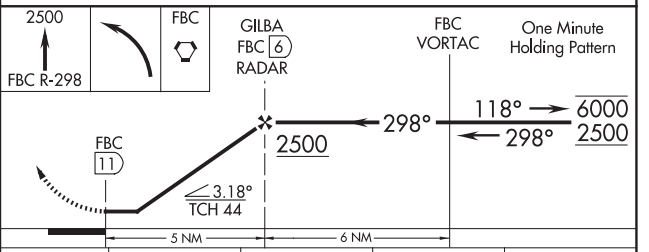
AWOS-3	TOLEDO APP CON	UNICOM
120.525	120.8 317.55	122.7 (CTAF) L





ELEV 763 | TDZE 763





REIL Rwys 9 and 27 L
MIRL Rwy 9-27 L

FAF to MAP 5 NM					
Knots	60	90	120	150	180
Min:Sec	5:00	3:20	2:30	2:00	1:40

CATEGORY	A	B	C	D
S-27	1220-1 457 (500-1)		NA	
CIRCLING	1220-1 457 (500-1)		NA	

OTTAWA, OHIO
Amdt 2C 21JUN18

41°02′N-83°59′W

PUTNAM COUNTY (OWX)
VOR RWY 27

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

WAAS CH 49228 W05A	APP CRS 050°	Rwy Ldg 3741	TDZE 1041	Apt Elev 1041

RNAV (GPS) RWY 5
MIAMI UNIVERSITY (OXD)

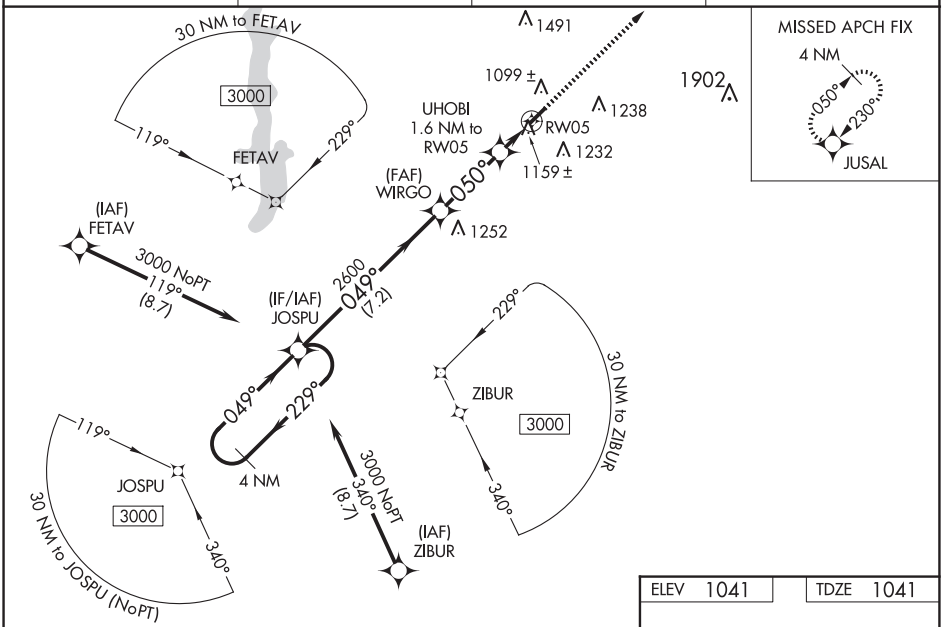
RNP APCH - GPS.

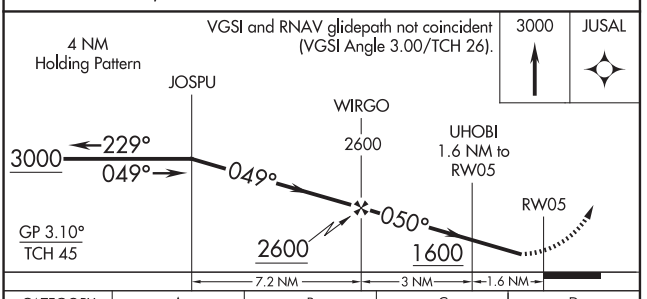
NA

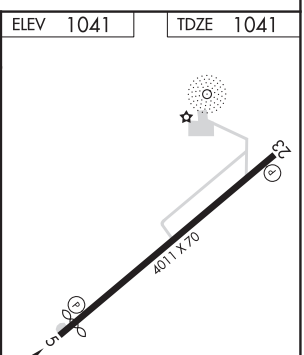
Baro-VNAV NA when using Covington altimeter setting. Straight-in/Circling Rwy 5 at night, operational VGSI required, remain on or above VGSI glidepath until threshold. Rwy 5 helicopter visibility reduction below 1 SM NA. When local altimeter setting not received, use Covington altimeter setting: increase LPV DA to 1393 and all visibilities ⅛ SM; increase LNAV/VNAV DA to 1419 and all visibilities ¼ SM; increase all MDA 100 feet and visibility LNAV Cat C ⅜ SM and Circling Cat C ¼ SM.

MISSED APPROACH: Climb to 3000 direct JUSAL and hold.

AWOS-3PT	CINCINNATI APP CON	UNICOM	
118.625	121.0 254.25	122.8 (CTAF)	122.9 L







CATEGORY	A	B	C	D
LPV DA	1304-1 263 (300-1)			NA
LNAV/VNAV DA	1330-1 289 (300-1)			NA
LNAV MDA	1420-1 379 (400-1)			NA
CIRCLING	1460-1 419 (500-1)	1600-1 559 (600-1)	1600-1½ 559 (600-1½)	NA

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

OXFORD, OHIO | AL-5429 (FAA) | 25163

WAAS CH 56528 W23A	APP CRS 230°	Rwy Ldg 3741 TDZE 1041 Apt Elev 1041

RNAV (GPS) RWY 23
MIAMI UNIVERSITY (OXD)

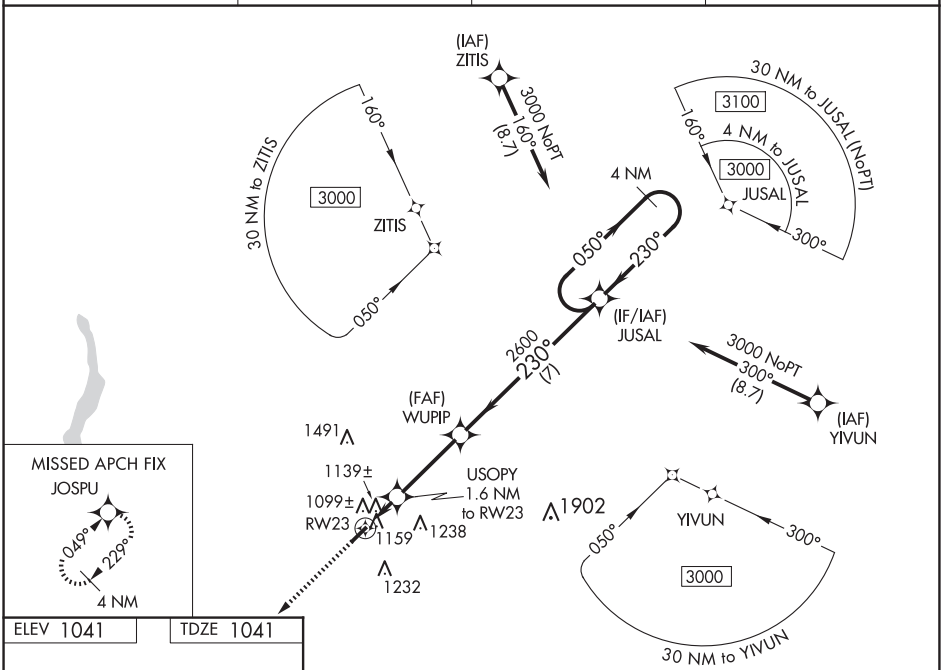
RNP APCH - GPS.

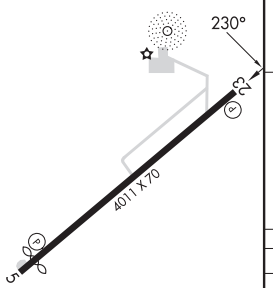
When Circling to Rwy 5 at night, operational VGSI required, remain on or above VGSI glidepath until threshold. Rwy 23 helicopter visibility reduction below ¾ SM NA. When local altimeter setting not received, use Covington altimeter setting and increase all MDA 100 feet, increase LP Cat C visibility ⅜ mile, increase LNAV and Circling Cat C visibility ¼ mile.

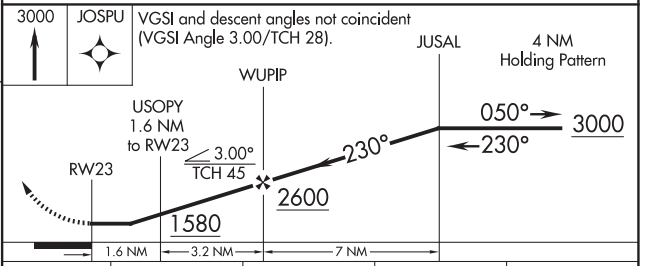
NA

MISSED APPROACH: Climb to 3000 direct JOSPU and hold.

AWOS-3PT	CINCINNATI APP CON	UNICOM	
118.625	121.0 254.25	122.8 (CTAF)	122.9 (L)







CATEGORY	A	B	C	D
LP MDA	1400-1 359 (400-1)			NA
LNAV MDA	1420-1 379 (400-1)		1420-1⅛ 379 (400-1⅛)	NA
CIRCLING	1460-1 419 (500-1)	1600-1 559 (600-1)	1600-1½ 559 (600-1½)	NA

MIRL Rwy 5-23 (L)
REIL Rwys 5 and 23 (L)

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

RNAV (GPS)-A

CONCORD AIRPARK (2G1)

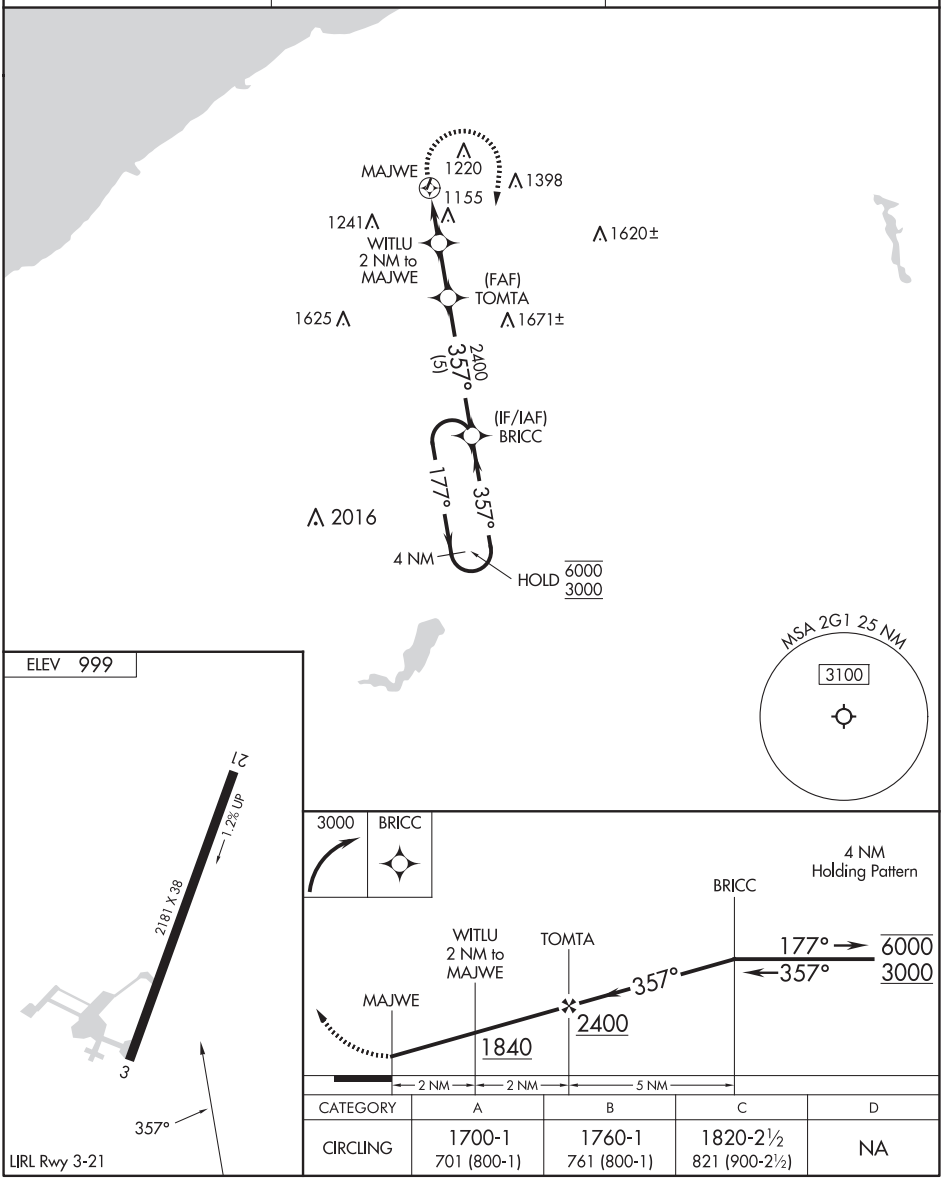
APP CRS	Rwy Idg	N/A
357°	TDZE	N/A
	Apt Elev	999

RNP APCH - GPS.

NA Procedure NA at night. Use CLE altimeter setting.

MISSED APPROACH: Climbing right turn to 3000 direct BRICC and hold.

CLE ASOS	CLEVELAND APP CON	UNICOM
127.85	125.35 346.325	122.8 (CTAF)



CATEGORY	A	B	C	D
CIRCLING	1700-1 701 (800-1)	1760-1 761 (800-1)	1820-2½ 821 (900-2½)	NA

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

PERU, INDIANA | AL-6127 (FAA) | 25107

RNAV (GPS) RWY 1

PERU MUNI (I76)

APP CRS	Rwy Idg	4400
009°	TDZE	777
	Apt Elev	779

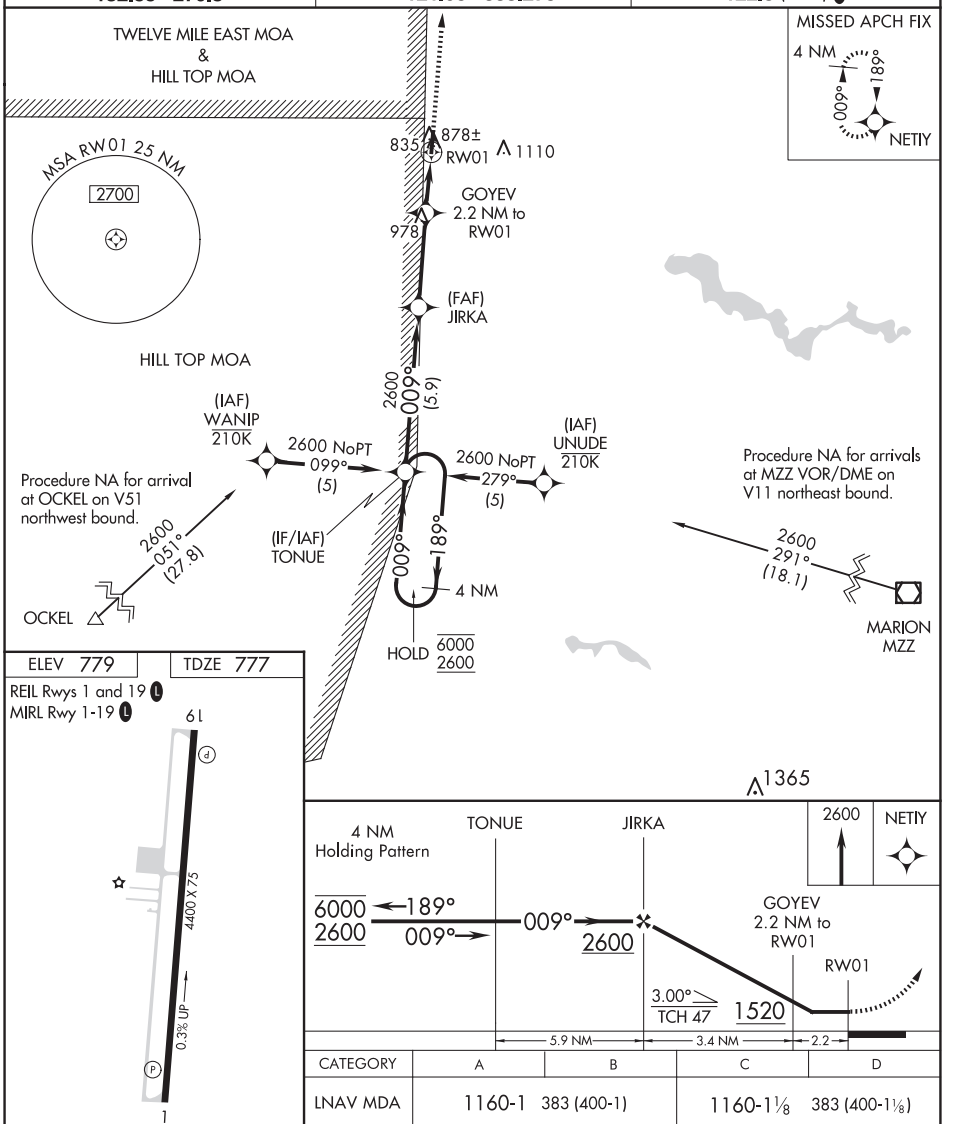
RNP APCH - GPS.

Rwy 1 helicopter visibility reduction below 1 SM NA. Use Grissom ARB altimeter setting, when not received, use Logansport/Cass County altimeter setting: increase all MDAs 20 feet and Circling visibility Cat C and D ¼ SM.

NA

MISSED APPROACH: Climb to 2600 direct NETIY and hold.

KGUS ATIS	GRISSOM APP CON ★	UNICOM
132.55 270.8	121.05 338.275	122.8 (CTAF) L



CATEGORY	A	B	C	D
LNAV MDA	1160-1	383 (400-1)	1160-1⅛	383 (400-1⅛)
C CIRCLING	1280-1	501 (600-1)	1500-2 721 (800-2)	1500-2¼ 721 (800-2¼)

PERU, INDIANA
Amdt 1 16MAY24

40°47′N-86°09′W

PERU MUNI (I76)

RNAV (GPS) RWY 1

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

RNAV (GPS) RWY 19

PERU MUNI (I76)

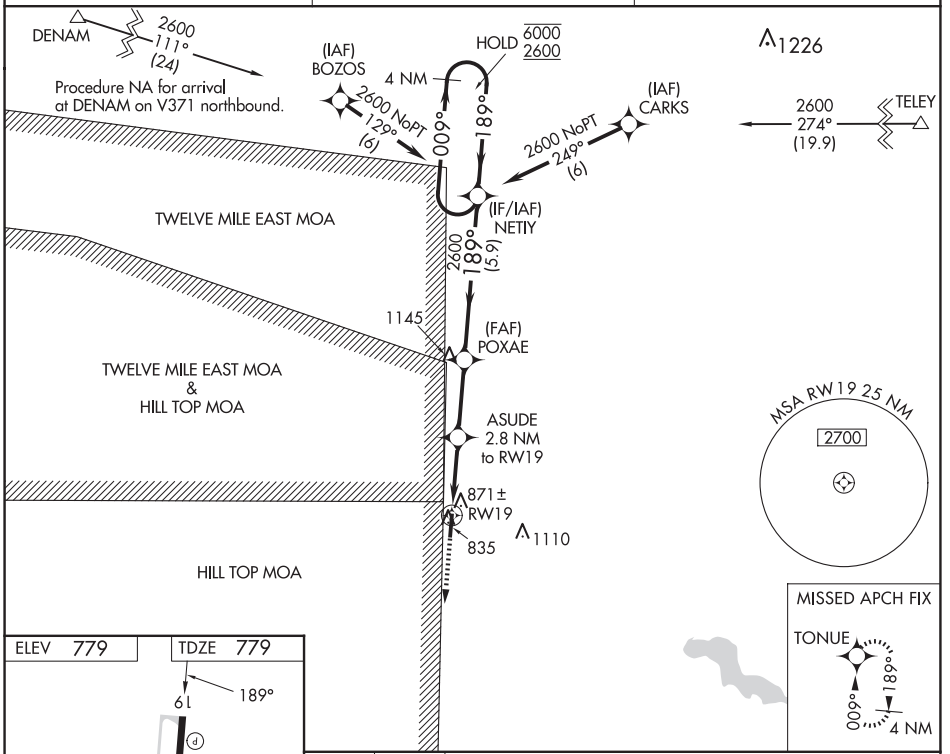
WAAS	APP CRS		
CH 50438	189°	Rwy Idg	4400
W19A		TDZE	779
		Apt Elev	779

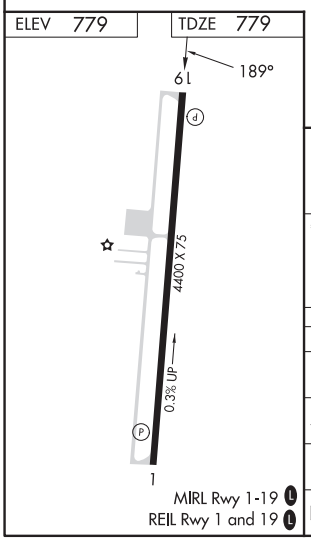
RNP APCH.

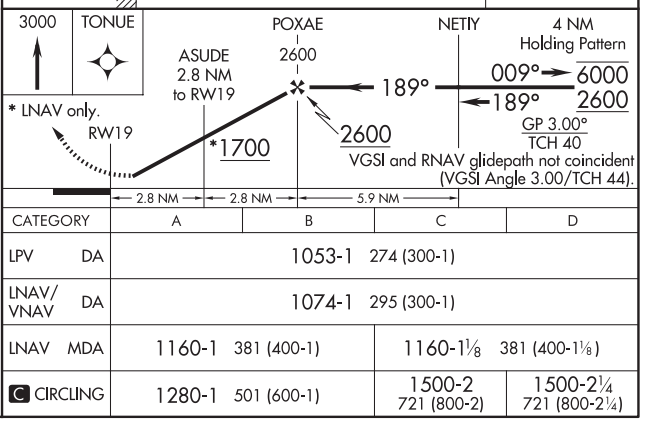
Rwy 19 Helicopter visibility reduction below ¾ SM NA.
Baro-VNAV NA. Use Grissom ARB altimeter setting; when not received use Logansport altimeter setting and increase all DAs 8 feet.

MISSED APPROACH: Climb to 3000 direct TONUE and hold.

KGUS ATIS	GRISSOM APP CON ★	UNICOM
132.55 270.8	121.05 338.275	122.8 (CTAF) L







CATEGORY	A	B	C	D
LPV DA	1053-1 274 (300-1)			
LNAV/VNAV DA	1074-1 295 (300-1)			
LNAV MDA	1160-1 381 (400-1)		1160-1⅛ 381 (400-1⅛)	
C CIRCLING	1280-1 501 (600-1)		1500-2 721 (800-2)	1500-2¼ 721 (800-2¼)

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

PIQUA, OHIO AL-5022 (FAA) 25051

WAAS CH 48845 W08A	APP CRS 081°	Rwy Idg 3998 TDZE 993 Apt Elev 993

RNAV (GPS) RWY 8

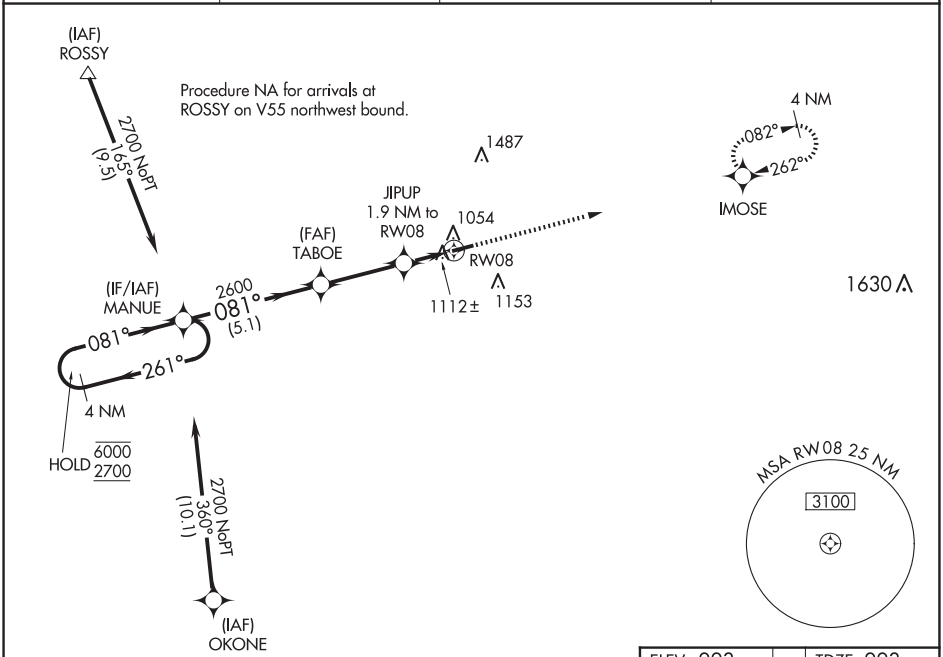
PIQUA/HARTZELL FLD (I17)

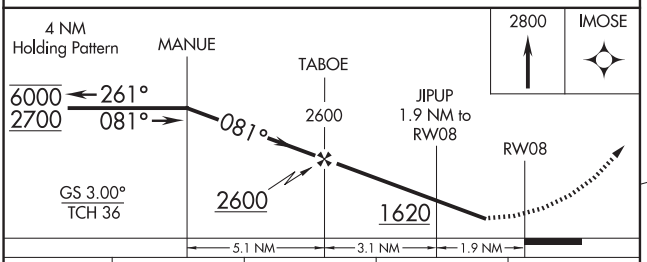
RNP APCH - GPS.

NA Rwy 8 helicopter visibility reduction below ¾ SM NA. Baro-VNAV NA. Use Versailles altimeter setting.

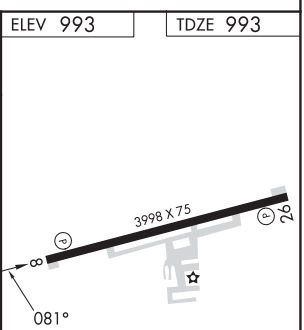
MISSED APPROACH: Climb to 2800 direct IMOSE and hold.

DAY ASOS	VES AWOS-3PT	COLUMBUS APP CON	UNICOM
125.8	125.9	134.45 294.5 352.05	123.0 (CTAF) L





CATEGORY	A	B	C	D
LPV DA	1322-1 329 (400-1)			NA
LNAV/VNAV DA	1400-1⅛ 407 (500-1⅛)			NA
LNAV MDA	1400-1 407 (500-1)		1400-1⅛ 407 (500-1⅛)	NA
C CIRCLING	1440-1 447 (500-1)	1540-1 547 (600-1)	1560-1½ 567 (600-1½)	NA



MIRL Rwy 8-26 L
REIL Rwys 8 and 26 L

PIQUA, OHIO
Amdt 1 15JUN23

40°10′N-84°19′W

PIQUA/HARTZELL FLD (I17)

RNAV (GPS) RWY 8

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

RNAV (GPS) RWY 26

PIQUA/HARTZELL FLD (I17)

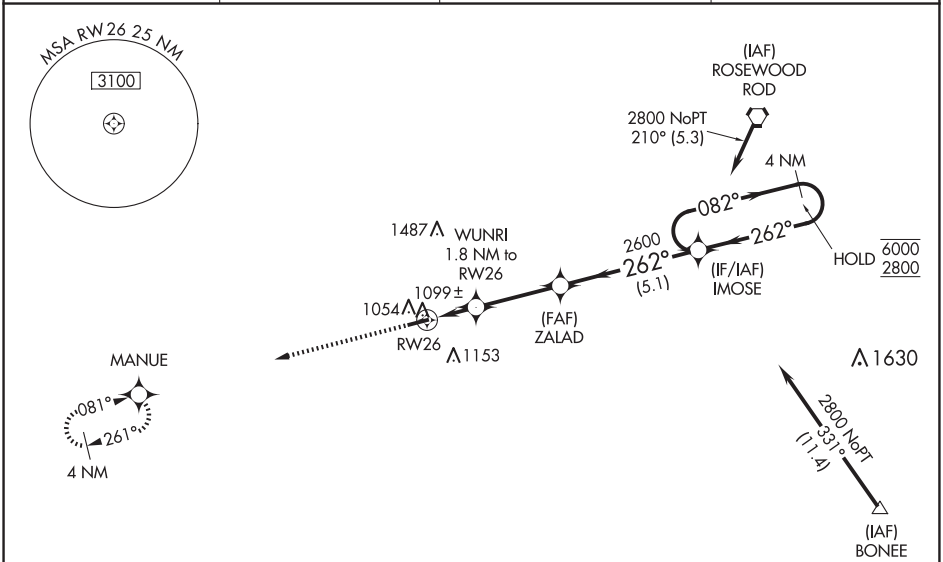
WAAS	APP CRS	Rwy Idg	3998
CH 86745	262°	TDZE	986
W26A		Apt Elev	993

RNP APCH - GPS.

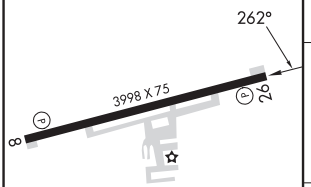
NA Baro-VNAV NA. Use Versailles altimeter setting.

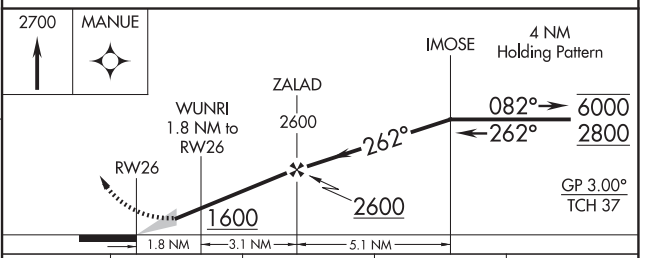
MISSED APPROACH: Climb to 2700 direct MANUE and hold.

DAY ASOS	VES AWOS-3PT	COLUMBUS APP CON	UNICOM
125.8	125.9	134.45 294.5 352.05	123.0 (CTAF) L



ELEV 993 TDZE 986





CATEGORY	A	B	C	D
LPV DA	1213-1 227 (300-1)			NA
LNAV/VNAV DA	1296-1 310 (400-1)			NA
LNAV MDA	1380-1 394 (400-1)		1380-1⅛ 394 (400-1⅛)	NA
C CIRCLING	1440-1 447 (500-1)	1540-1 547 (600-1)	1560-1½ 567 (600-1½)	NA

MIRL Rwy 8-26 L
REIL Rwys 8 and 26 L

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

PIQUA, OHIO | AL-5022 (FAA) | 25051

VOR RWY 26

PIQUA/HARTZELL FLD (I17)

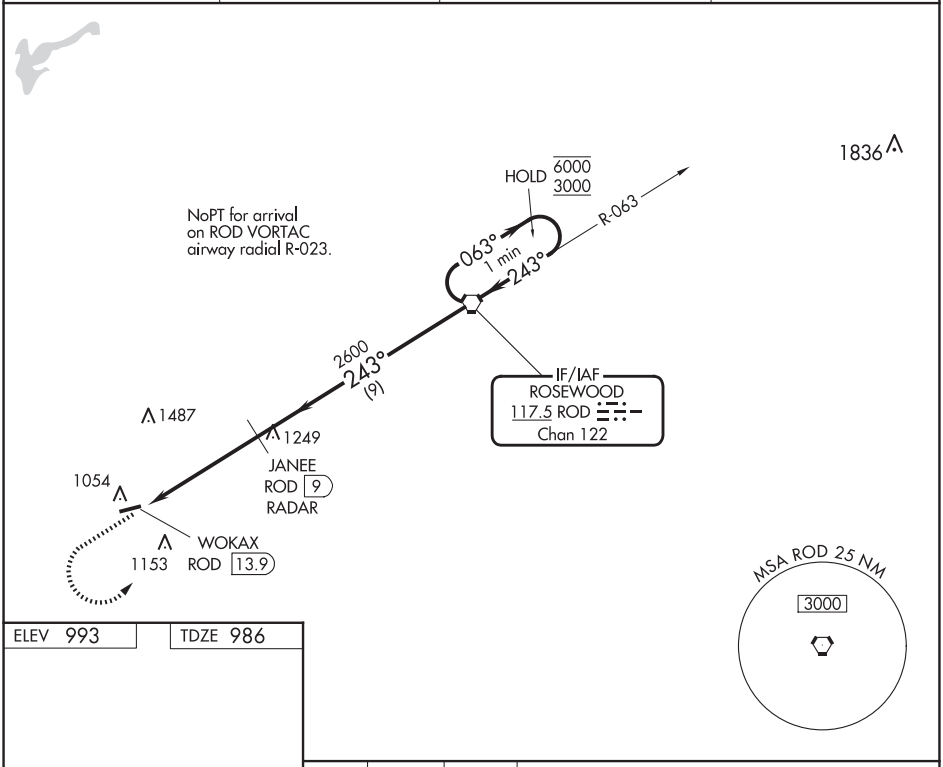
VORTAC ROD	APP CRS	Rwy Idg	3998
117.5	243°	TDZE	986
Chan 122		Apt Elev	993

DME or RADAR required.

Rwy 26 helicopter visibility reduction below ¾ SM NA.
NA Use James M Cox Dayton Intl altimeter setting.

MISSED APPROACH: Climb to 3000 then left turn direct ROD VORTAC and hold.

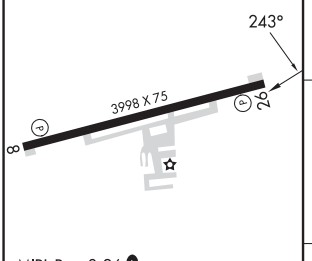
DAY ASOS	VES AWOS-3PT	COLUMBUS APP CON	UNICOM
125.8	125.9	134.45 294.5 352.05	123.0 (CTAF) L



EC-2, 12 JUN 2025 to 07 AUG 2025

EC-2, 12 JUN 2025 to 07 AUG 2025

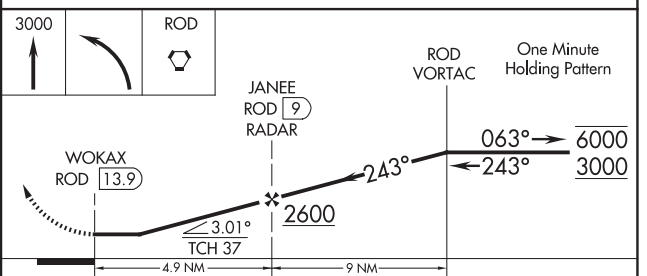
ELEV 993 | TDZE 986



MIRL Rwy 8-26 L
REIL Rwys 8 and 26 L

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-26	1500-1 514 (600-1)		1500-1⅜ 514 (600-1⅜)	
C CIRCLING	1500-1 507 (600-1)	1560-1 567 (600-1)	1560-1½ 567 (600-1½)	1880-3 887 (900-3)

VOR-A

PIQUA/HARTZELL FLD (I17)

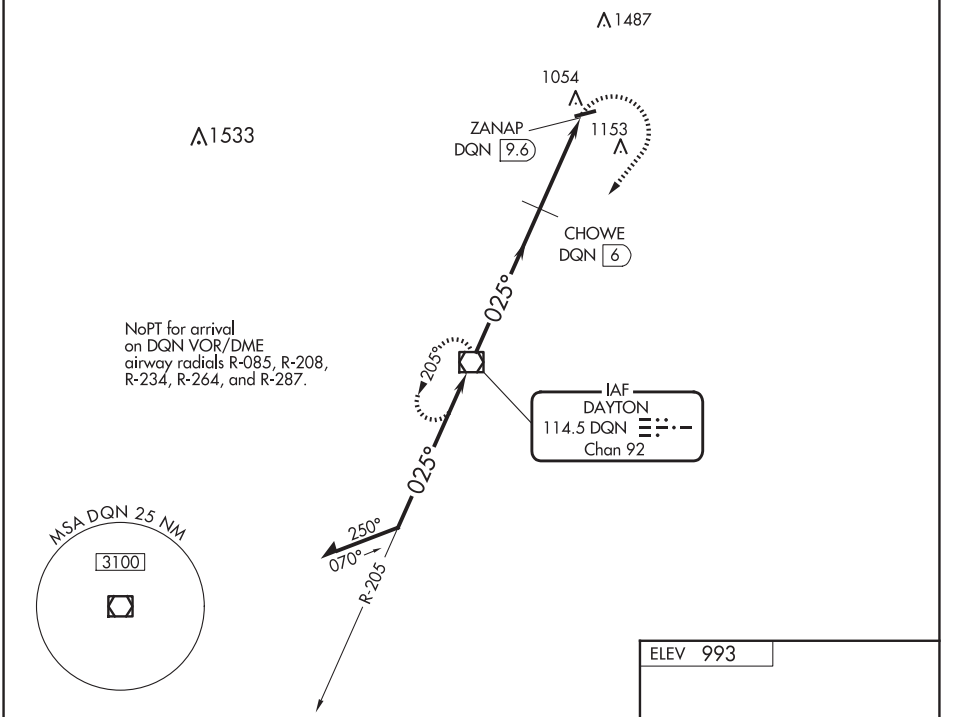
VOR/DME DQN	APP CRS	Rwy Idg	N/A
114.5	025°	TDZE	N/A
Chan 92		Apt Elev	993

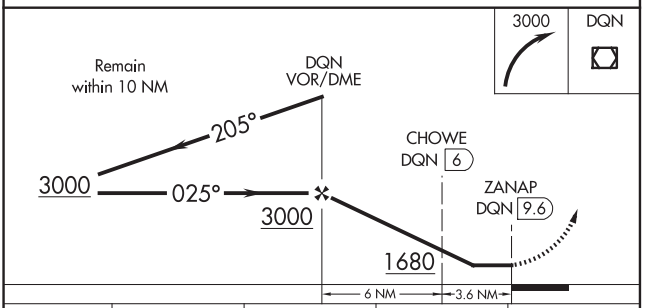
T
A NA

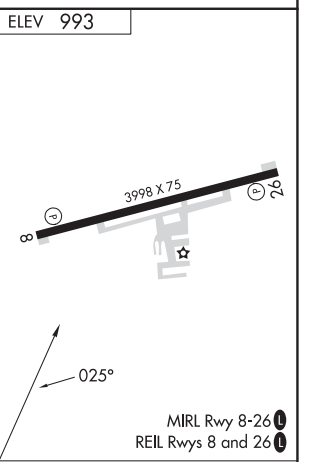
Use James M Cox Dayton Intl altimeter setting.

MISSED APPROACH: Climbing right turn to 3000 direct DQN VOR/DME and hold.

DAY ASOS	VES AWOS-3PT	COLUMBUS APP CON	UNICOM
125.8	125.9	134.45 294.5 352.05	123.0 (CTAF) L







MIRL Rwy 8-26 L
REIL Rwys 8 and 26 L

CATEGORY	A	B	C	D
C CIRCLING	1680-1 687 (700-1)		1680-2 687 (700-2)	1880-3 887 (900-3)
CHOWE FIX MINIMUMS (DME REQUIRED)				
C CIRCLING	1500-1 507 (600-1)	1560-1 567 (600-1)	1560-1½ 567 (600-1½)	1880-3 887 (900-3)

FAF to MAP 9.6 NM

Knots	60	90	120	150	180
Min:Sec	9:36	6:24	4:48	3:50	3:12

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

PLYMOUTH, INDIANA AL-5658 (FAA) 23222

APP CRS	Rwy Idg	4400
101°	TDZE	796
	Apt Elev	800

RNAV (GPS) RWY 10

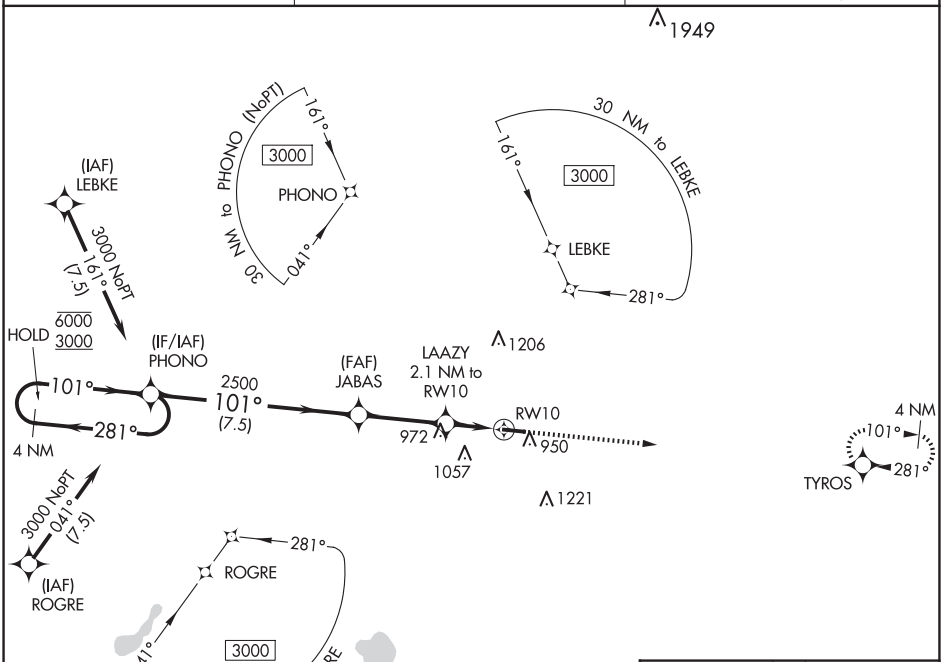
PLYMOUTH MUNI (C65)

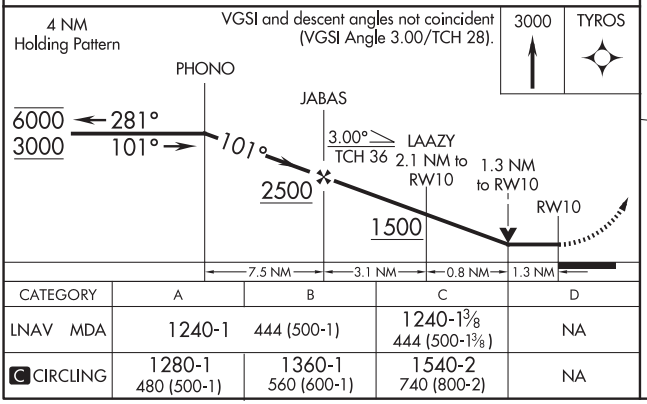
RNP APCH.

Circling to Rwy 28 NA at night. Rwy 10 helicopter visibility reduction below ¾ SM NA.

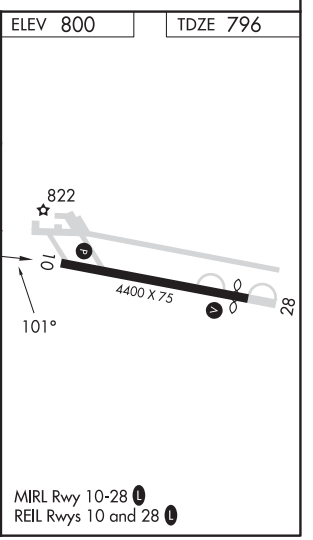
MISSED APPROACH: Climb to 3000 direct TYROS and hold.

AWOS-3	SOUTH BEND APP CON ★	UNICOM
133.025	132.05 257.8	122.975 (CTAF) L





CATEGORY	A	B	C	D
LNAV MDA	1240-1	444 (500-1)	1240-1⅜ 444 (500-1⅜)	NA
C CIRCLING	1280-1 480 (500-1)	1360-1 560 (600-1)	1540-2 740 (800-2)	NA



MIRL Rwy 10-28 L
REIL Rwys 10 and 28 L

PLYMOUTH, INDIANA
Orig-B 22APR21

41°22'N-86°18'W

PLYMOUTH MUNI (C65)

RNAV (GPS) RWY 10

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

WAAS CH 90238 W28A	APP CRS 281°	Rwy Idg 4103 TDZE 796 Apt Elev 800

RNAV (GPS) RWY 28

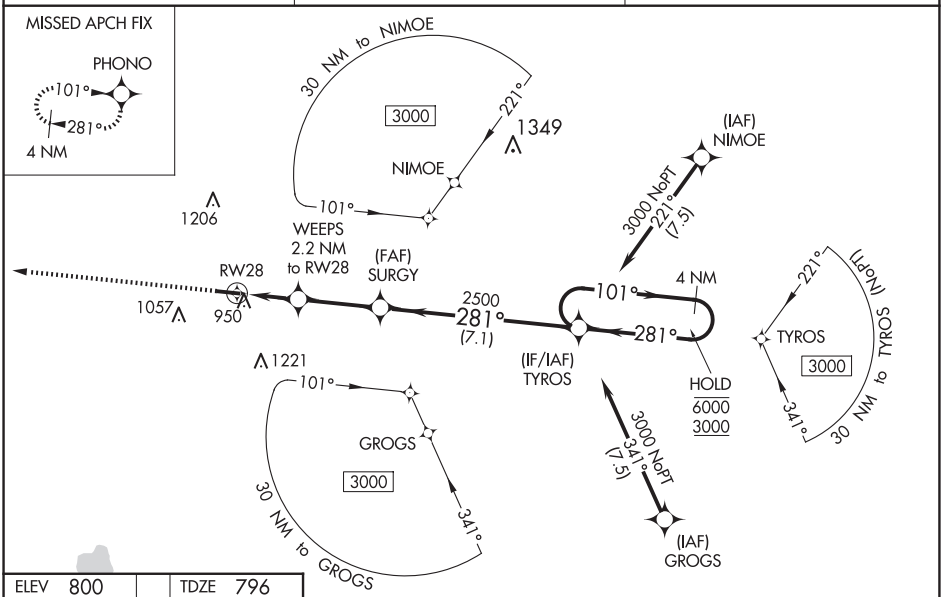
PLYMOUTH MUNI (C65)

RNP APCH - GPS.

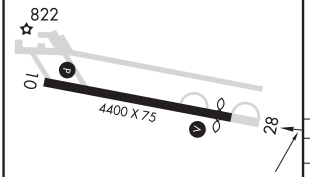
T Baro-VNAV NA when using South Bend altimeter setting. Rwy 28 helicopter visibility reduction below 1 SM NA. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -16°C or above 54°C. When local altimeter setting not received, use South Bend altimeter setting and increase LPV DA to 1154 feet and visibility all Cats ¼ SM; LNAV/VNAV DA to 1240 feet and visibility all Cats ¼ SM, increase all MDAs 60 feet and LNAV visibility Cat C ⅛ SM, and Circling visibility Cat C ¼ SM. Straight-in Rwy 28 NA at night, Circling Rwy 28 NA at night.

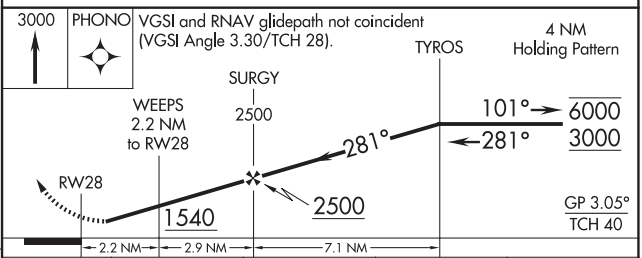
MISSED APPROACH: Climb to 3000 direct PHONO and hold.

AWOS-3	SOUTH BEND APP CON *	UNICOM
133.025	132.05 257.8	122.975 (CTAF) L



ELEV 800 TDZE 796





CATEGORY	A	B	C	D
LPV DA	1103-1 307 (400-1)			NA
LNAV/VNAV DA	1189-1⅛ 393 (400-1⅛)			NA
LNAV MDA	1260-1 464 (500-1)		1260-1⅜ 464 (500-1⅜)	NA
C CIRCLING	1280-1 480 (500-1)	1360-1 560 (600-1)	1540-2 740 (800-2)	NA

MIRL Rwy 10-28 L
REIL Rwys 10 and 28 L

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

PORT CLINTON, OHIO | AL-5727 (FAA) | 24193

RNAV (GPS) RWY 9

ERIE-OTTAWA INTL (PCW)

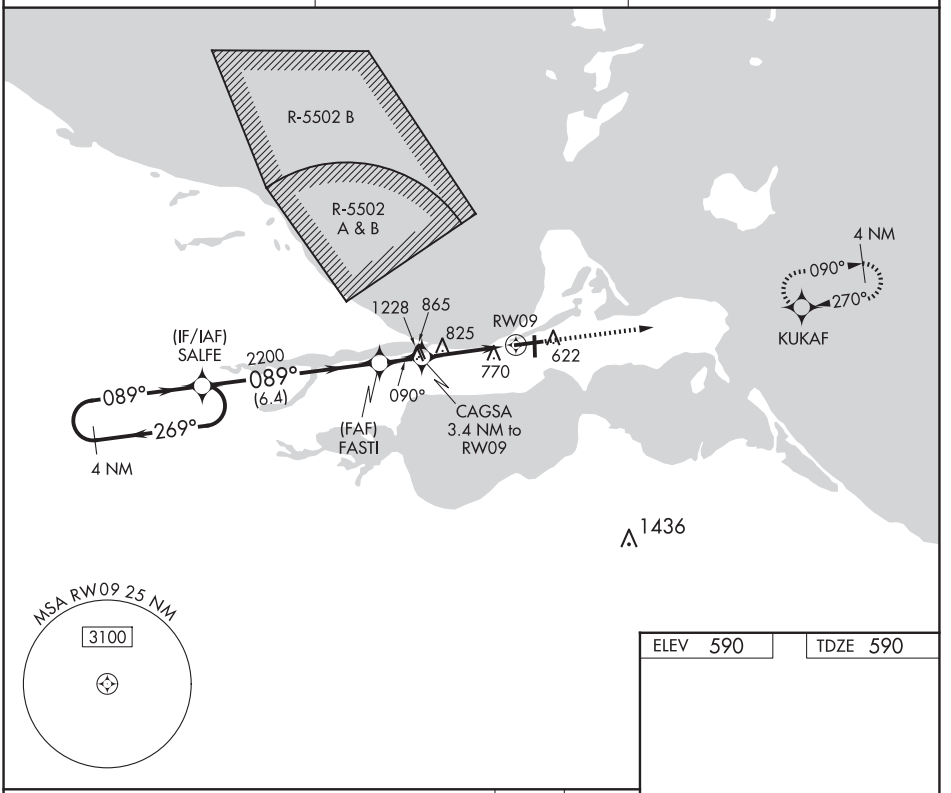
APP CRS		
090°	Rwy Idg	5646
	TDZE	590
	Apt Elev	590

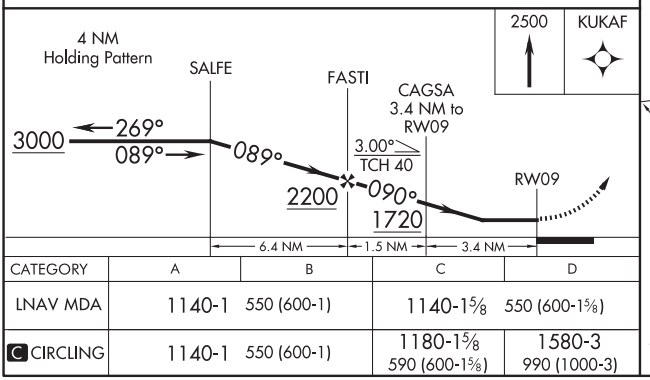
RNP APCH - GPS.

When local altimeter setting not received, use Toledo Executive altimeter setting and increase all MDA 80 feet and all Cat C/D visibilities ¼ mile. Rwy 9 helicopter visibility reduction below ¾ SM NA. Circling Rwy 18, 36 NA at night.

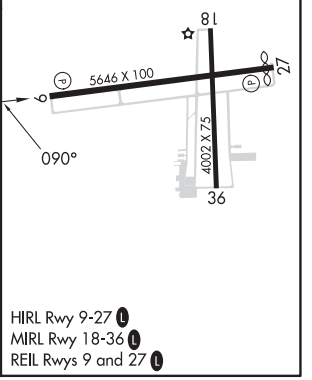
MISSED APPROACH: Climb to 2500 direct KUKAF and hold.

AWOS-3	CLEVELAND APP CON	UNICOM
118.775	126.35 346.325	122.8 (CTAF) L





CATEGORY	A	B	C	D
LNAV MDA	1140-1	550 (600-1)	1140-1⅝	550 (600-1⅝)
C CIRCLING	1140-1	550 (600-1)	1180-1⅝ 590 (600-1⅝)	1580-3 990 (1000-3)



HIRL Rwy 9-27 L
MIRL Rwy 18-36 L
REIL Rwys 9 and 27 L

PORT CLINTON, OHIO
Amdt 1C 27JAN22

41°31′N-82°52′W

ERIE-OTTAWA INTL (PCW)

RNAV (GPS) RWY 9

EC-2, 12 JUN 2025 to 07 AUG 2025

EC-2, 12 JUN 2025 to 07 AUG 2025

WAAS	APP CRS	Rwy Idg	5445
CH 58012	270°	TDZE	588
W27A		Apt Elev	590

RNAV (GPS) RWY 27

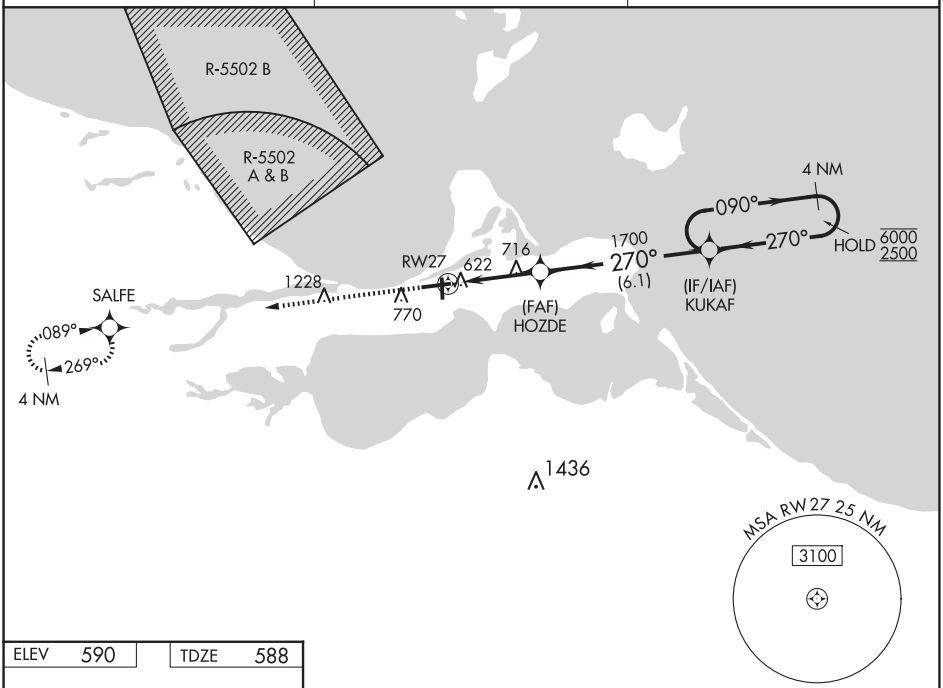
ERIE-OTTAWA INTL (PCW)

RNP APCH - GPS.

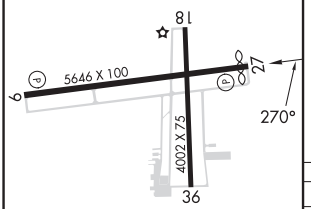
Circling Rwy 18, 36 NA at night. Rwy 27 helicopter visibility reduction below 1 SM NA.
For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -16°C or above 54°C.

MISSED APPROACH: Climb to 3000 direct SALFE and hold.

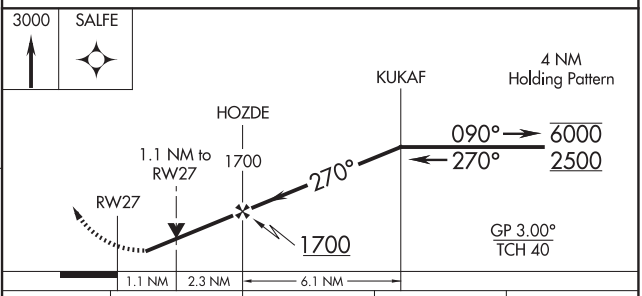
AWOS-3	CLEVELAND APP CON	UNICOM
118.775	126.35 346.325	122.8 (CTAF) L



ELEV 590	TDZE 588



HIRL Rwy 9-27 L
MIRL Rwy 18-36 L
REIL Rwys 9 and 27 L



CATEGORY	A	B	C	D
LPV DA	842-1	254 (300-1)		
LNAV/VNAV DA	969-1⅛	381 (400-1⅛)		
LNAV MDA	980-1	392 (400-1)	980-1⅛	392 (400-1⅛)
C CIRCLING	1140-1	550 (600-1)	1180-1½ 590 (600-1½)	1580-3 990 (1000-3)

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

PORTLAND, INDIANA AL-5633 (FAA) 23166

RNAV (GPS) RWY 9

PORTLAND MUNI (PLD)

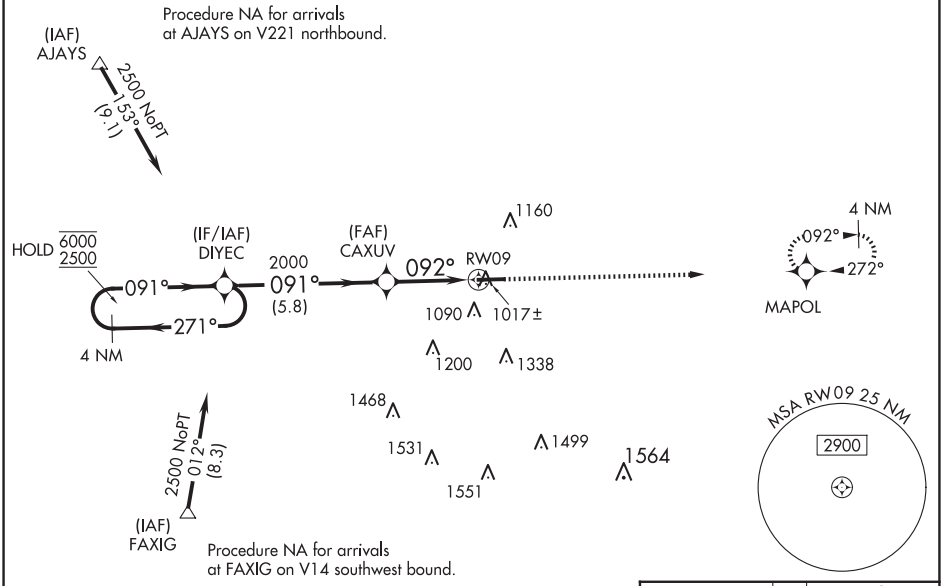
WAAS	APP CRS	Rwy Idg	5505
CH 63225	092°	TDZE	915
W09A		Apt Elev	925

RNP APCH - GPS.

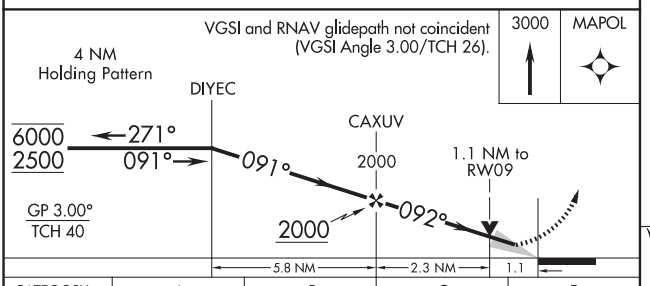
Circling to Rwy 27 NA at night. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -16°C or above 54°C.

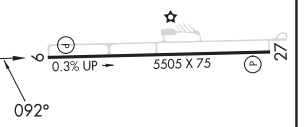
MISSED APPROACH: Climb to 3000 direct MAPOL and hold.

AWOS-3	FORT WAYNE APP CON	UNICOM
124.675	132.15 (SE/NE) 284.6 127.2 (SW/NW) 284.6	122.8 (CTAF) L



ELEV 925 TDZE 915





CATEGORY	A	B	C	D
LPV DA		1165-1	250 (300-1)	
LNAV/VNAV DA		1230-1	315 (400-1)	
LNAV MDA		1280-1	365 (400-1)	
CIRCLING	1480-1 555 (600-1)		1580-1¾ 655 (700-1¾)	1640-2¼ 715 (800-2¼)

MIRL Rwy 9-27 L
REIL Rwys 9 and 27 L

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

RNAV (GPS) RWY 27

PORTLAND MUNI (PLD)

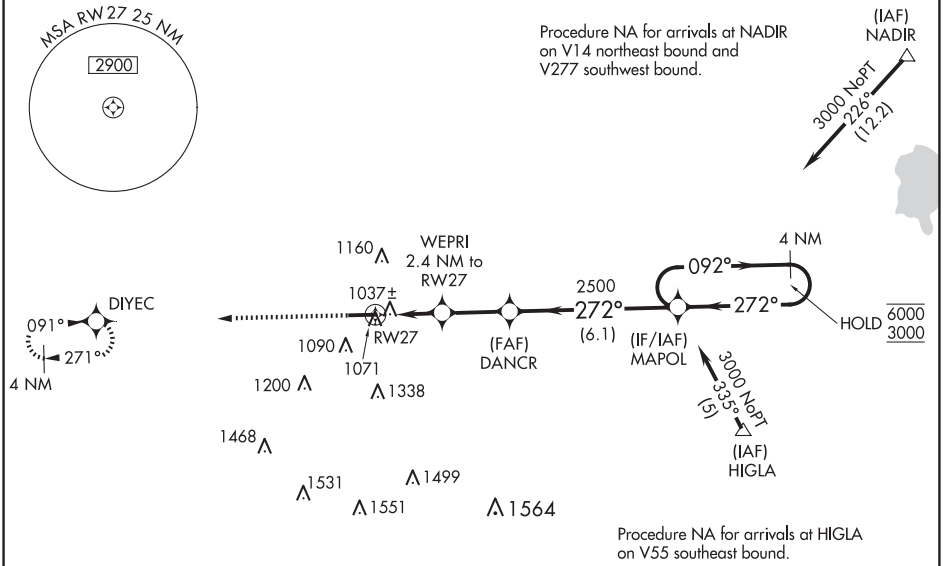
WAAS	APP CRS	Rwy Idg	5505
CH 73025	272°	TDZE	925
W27A		Apt Elev	925

RNP APCH - GPS.

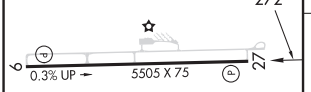
Rwy 27 helicopter visibility reduction below 1 SM NA.
Straight-in Rwy 27 NA at night, Circling Rwy 27 NA at night.

MISSED APPROACH: Climb to 2500 direct DIYEC and hold.

AWOS-3	FORT WAYNE APP CON	UNICOM
124.675	132.15 (SE/NE) 284.6 127.2 (SW/NW) 284.6	122.8 (CTAF) L



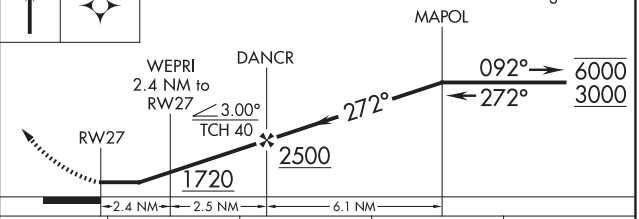
ELEV 925 TDZE 925



2500 DIYEC

VGSI and descent angles not coincident (VGSI Angle 3.00/TCH 26).

4 NM Holding Pattern



CATEGORY	A	B	C	D
LP MDA	1300-1 375 (400-1)			
LNAV MDA	1380-1 455 (500-1)		1380-1⅜ 455 (500-1⅜)	
CIRCLING	1480-1 555 (600-1)		1580-1¾ 655 (700-1¾)	1640-2¼ 715 (800-2¼)

MIRL Rwy 9-27 L
REIL Rwys 9 and 27 L

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

PORTSMOUTH, OHIO | AL-708 (FAA) | 23278

RNAV (GPS) RWY 18

GREATER PORTSMOUTH RGNL (PMH)

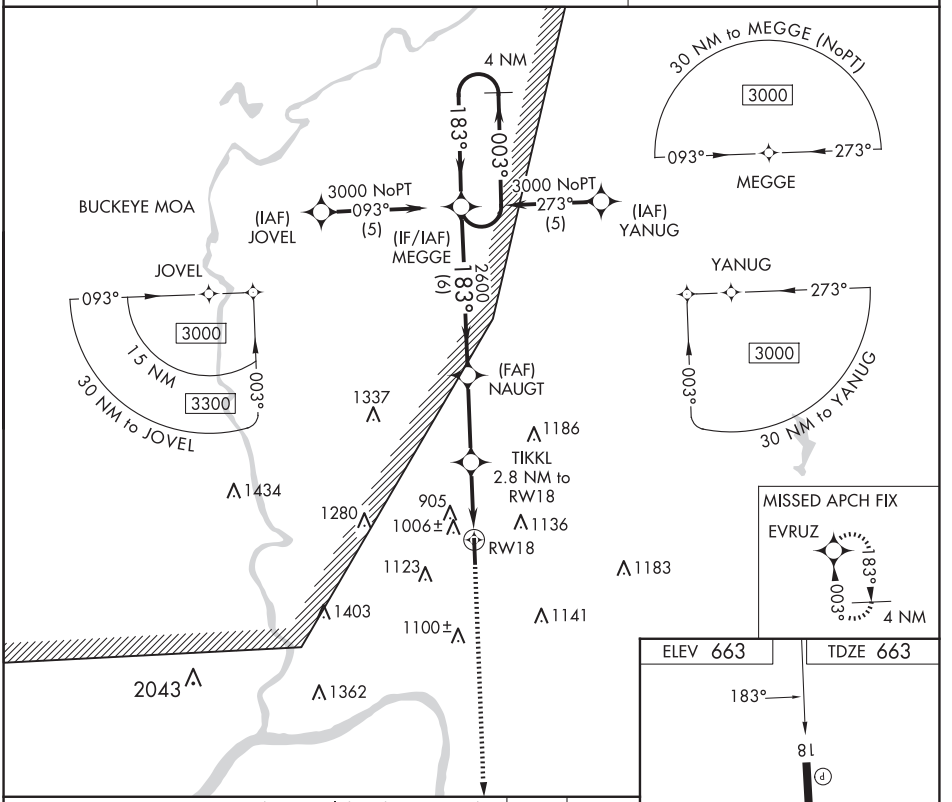
WAAS	APP CRS	Rwy Idg	5001
CH 45907	183°	TDZE	663
W18A		Apt Elev	663

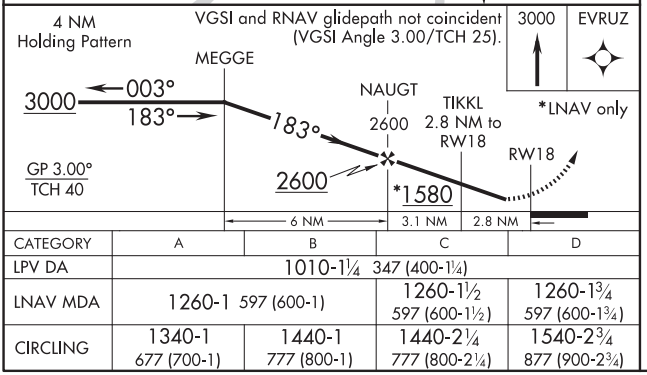
DME/DME RNP-0.3 NA. Visibility reduction by helicopters NA.
When local altimeter setting not received, use Huntington altimeter setting and increase LPV DA to 1106 feet and visibility all Cats ¼ SM; increase all MDA 100 feet and LNAV Cat C/D visibility ½ SM and Circling Cat B/C/D ¼ SM.

NA

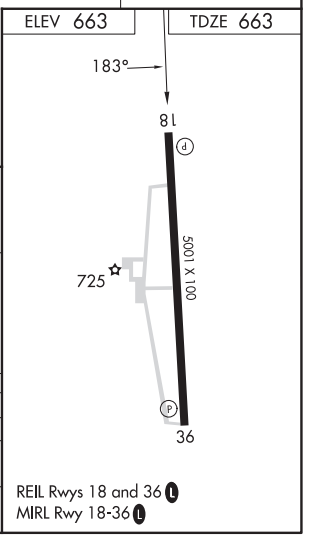
MISSED APPROACH: Climb to 3000 direct EVRUZ and hold.

AWOS-3	HUNTINGTON APP CON	UNICOM
125.175	128.4 270.1	122.8 (CTAF) L





CATEGORY	A	B	C	D
LPV DA	1010-1¼ 347 (400-1¼)			
LNAV MDA	1260-1 597 (600-1)		1260-1½ 597 (600-1½)	1260-1¾ 597 (600-1¾)
CIRCLING	1340-1 677 (700-1)	1440-1 777 (800-1)	1440-2¼ 777 (800-2¼)	1540-2¾ 877 (900-2¾)



PORTSMOUTH, OHIO
Orig-A 15JUL21

38°50'N-82°51'W

GREATER PORTSMOUTH RGNL (PMH)

RNAV (GPS) RWY 18

EC-2, 12 JUN 2025 to 07 AUG 2025

EC-2, 12 JUN 2025 to 07 AUG 2025

RNAV (GPS) RWY 36

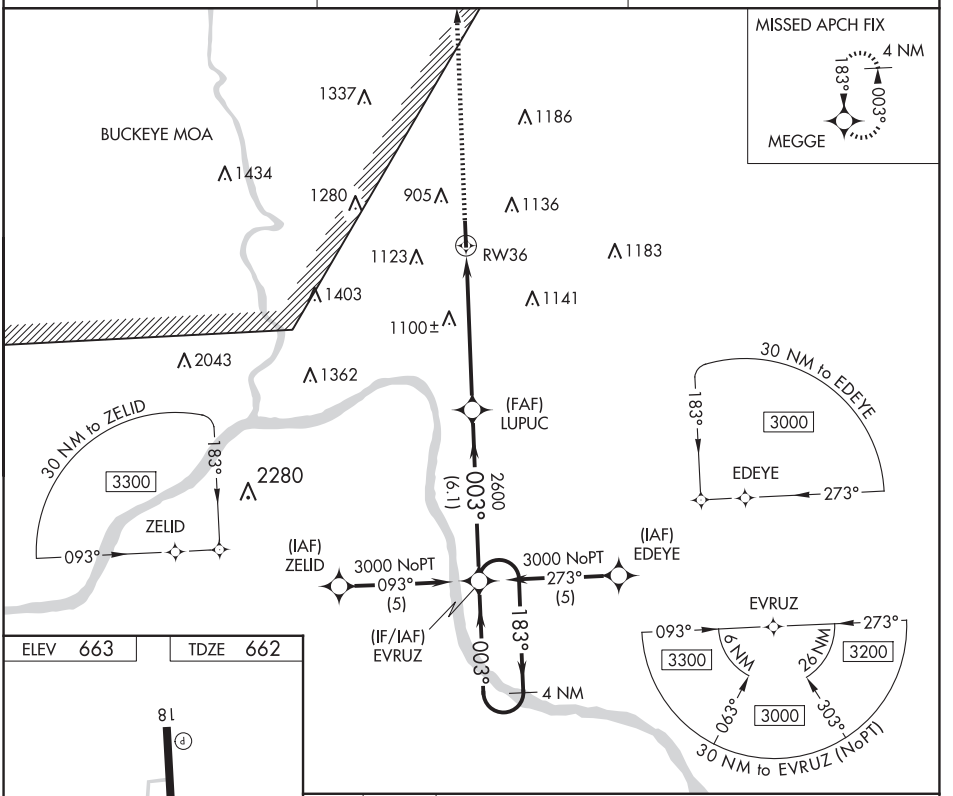
GREATER PORTSMOUTH RGNL (PMH)

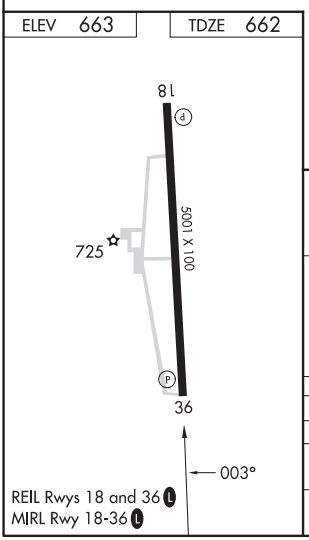
WAAS	APP CRS	Rwy Idg	5001
CH 70408	003°	TDZE	662
W36A		Apt Elev	663

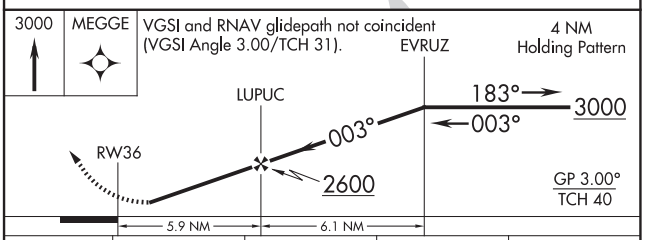
When local altimeter setting not received, use Huntington altimeter setting and increase DA to 1008 feet and LPV visibility ¼ SM all Cats; increase all MDA 100 feet and LNAV Cat B visibility ¼ SM, Cat C/D visibility ½ SM and increase Circling visibility ¼ SM all Cats. Visibility reduction by helicopters NA. DME/DME RNP-0.3 NA.

MISSED APPROACH: Climb to 3000 direct MEGGE and hold.

AWOS-3	HUNTINGTON APP CON	UNICOM
125.175	128.4 270.1	122.8 (CTAF) L







CATEGORY	A	B	C	D
LPV DA	912-1 250 (300-1)			
LNAV MDA	1400-1 738 (800-1)		1400-2 738 (800-2)	1400-2¼ 738 (800-2¼)
CIRCLING	1400-1 737 (800-1)	1440-1 777 (800-1)	1440-2¼ 777 (800-2¼)	1540-2¾ 877 (900-2¾)

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

RAVENNA, OHIO | AL-5844 (FAA) | 24361

WAAS	APP CRS	Rwy Idg	3499
CH 77735	093°	TDZE	1198
W09A		Apt Elev	1198

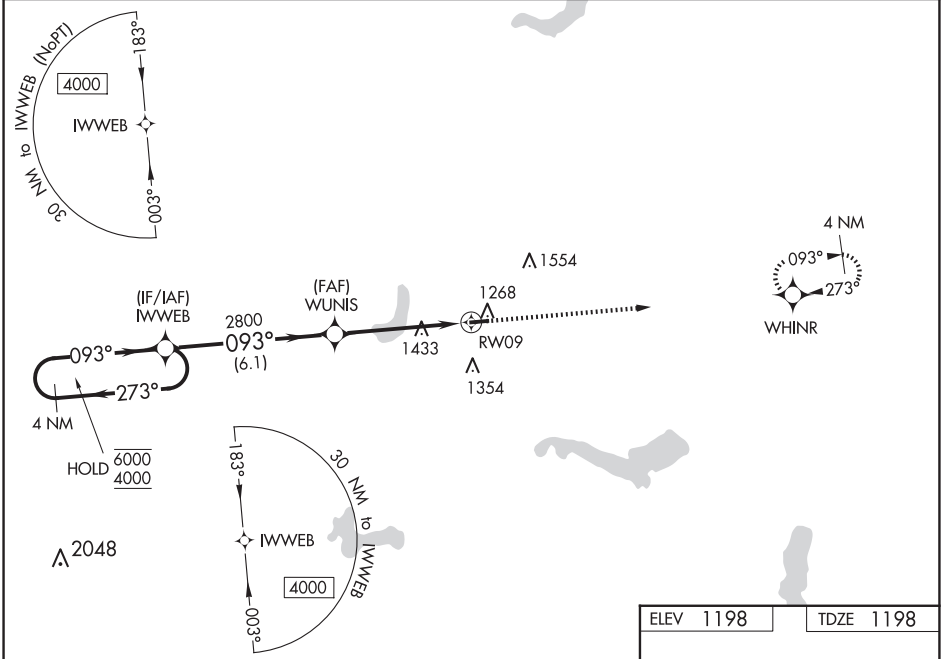
RNAV (GPS) RWY 9
PORTAGE COUNTY (POV)

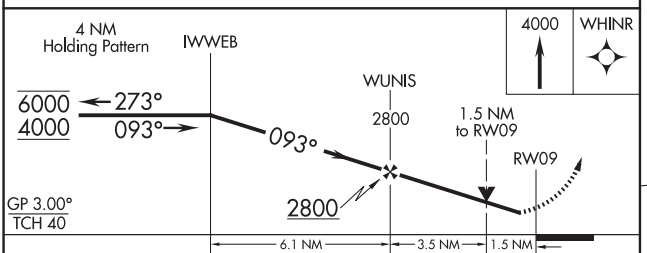
RNP APCH - GPS.

Baro-VNAV and VDP NA when using CAK altimeter setting. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -17°C or above 54°C. Rwy 9 helicopter visibility reduction below ¾ SM NA. When local altimeter setting not recieved, use CAK altimeter setting and increase LPV DA to 1498 feet. Increase LNAV/VNAV DA to 1557 feet. Increase all MDAs 60 feet and LNAV visibility Cat C ¼ SM, and Circling visibility Cat C ¼ SM.

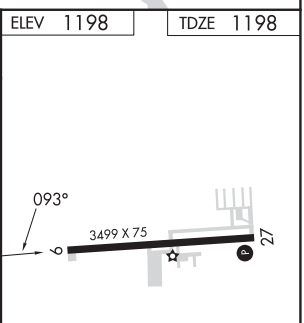
MISSED APPROACH: Climb to 4000 direct WHINR and hold, continue climb-in-hold to 4000.

AWOS-3	CLEVELAND APP CON★	CLNC DEL	UNICOM
118.675	125.5 371.875	125.65	123.05 (CTAF) L





CATEGORY	A	B	C	D
LPV DA	1448-1	250 (300-1)		NA
LNAV/VNAV DA	1507-1	309 (400-1)		NA
LNAV MDA	1700-1	502 (600-1)	1700-1⅜ 502 (600-1⅜)	NA
C CIRCLING	1740-1 542 (600-1)	1800-1 602 (700-1)	1860-1¾ 662 (700-1¾)	NA



REIL Rwys 9 and 27 L
MIRL Rwy 9-27 L

RAVENNA, OHIO
Amdt 1 26DEC24

41°13′N-81°15′W

PORTAGE COUNTY (POV)
RNAV (GPS) RWY 9

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

WAAS	APP CRS	Rwy Idg	3499
CH 49035	273°	TDZE	1198
W27A		Apt Elev	1198

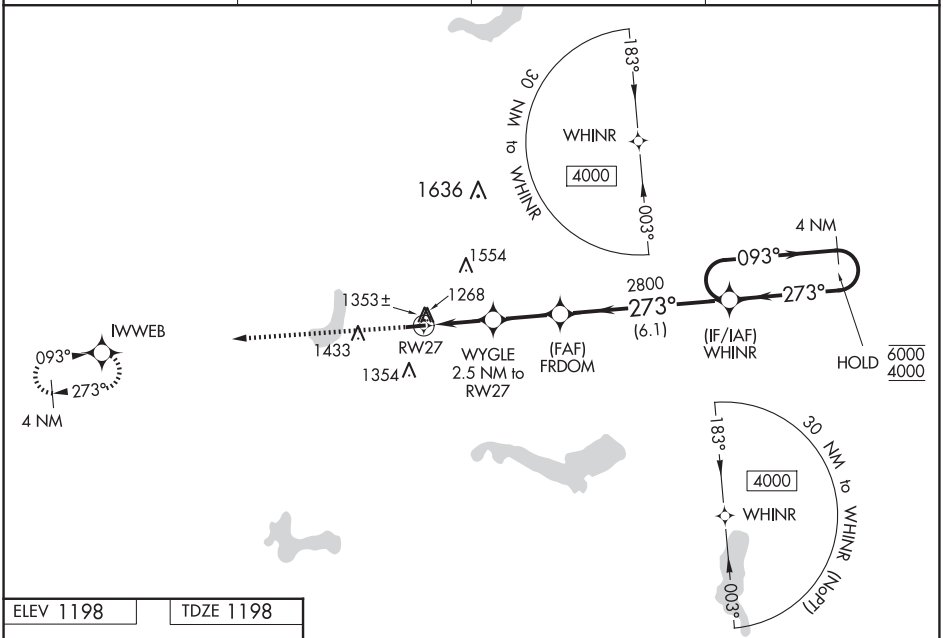
RNAV (GPS) RWY 27
PORTAGE COUNTY (POV)

RNP APCH - GPS.

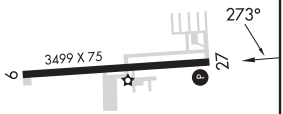
Baro-VNAV and VDP NA when using CAK altimeter setting. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -17°C or above 54°C. Rwy 27 helicopter visibility reduction below ¾ SM NA. When local altimeter setting not received, use CAK altimeter setting and increase LPV DA to 1546 feet. Increase LNAV/VNAV DA to 1603 feet and all visibilities ⅛ SM. Increase all MDAs 60 feet; and Circling visibility Cat C ¼ SM.

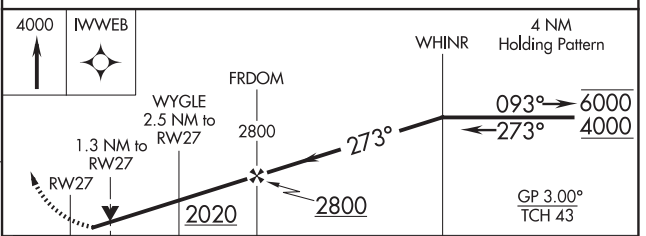
MISSED APPROACH: Climb to 4000 direct IWWEB and hold, continue climb-in-hold to 4000.

AWOS-3	CLEVELAND APP CON★	CLNC DEL	UNICOM
118.675	125.5 371.875	125.65	123.05 (CTAF) L



ELEV 1198 TDZE 1198





CATEGORY	A	B	C	D
LPV DA	1496-1 298 (300-1)			NA
LNAV/VNAV DA	1553-1 355 (400-1)			NA
LNAV MDA	1640-1 442 (500-1)		1640-1⅜ 442 (500-1⅜)	NA
C CIRCLING	1740-1 542 (600-1)	1800-1 602 (700-1)	1860-1¾ 662 (700-1¾)	NA

REIL Rwys 9 and 27 L
MIRL Rwy 9-27 L

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

RAVENNA, OHIO

AL-5844 (FAA)

24361

VOR-A

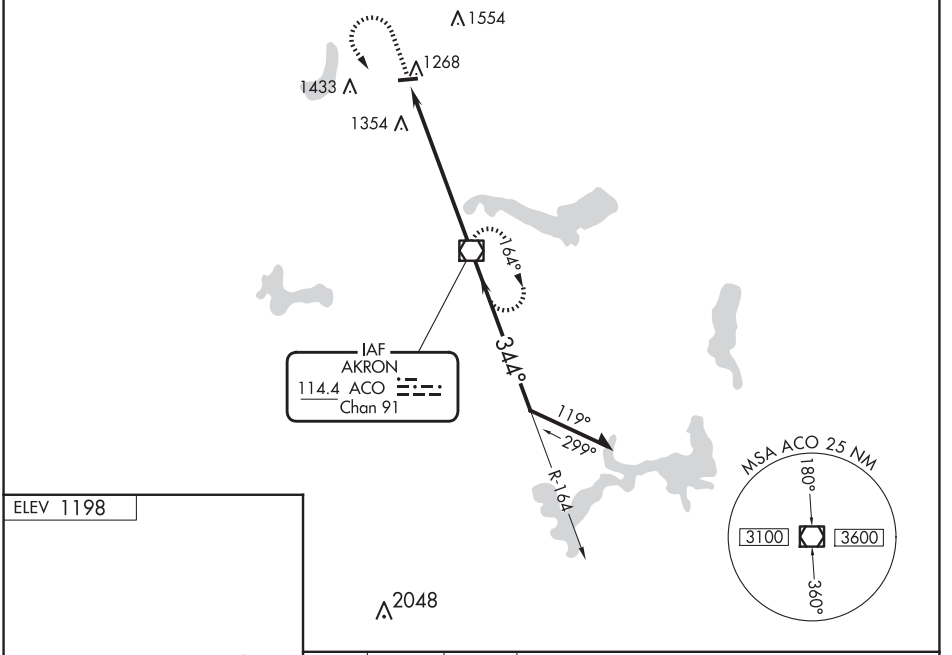
PORTAGE COUNTY (POV)

VOR/DME ACO	APP CRS	Rwy Idg	N/A
114.4	344°	TDZE	N/A
Chan 91		Apt Elev	1198

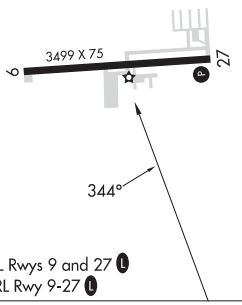
When local altimeter setting not received, use CAK altimeter setting and increase all MDAs 60 feet and visibility Cat C ¼ SM.

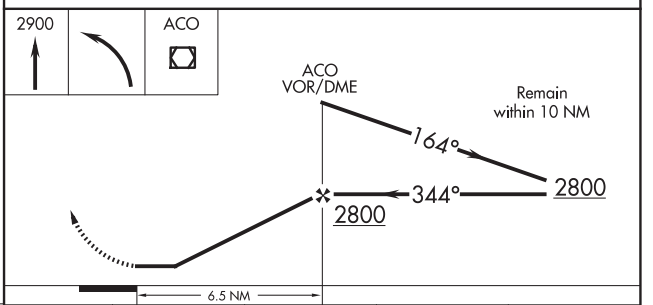
MISSED APPROACH: Climb to 2900 then left turn direct ACO VOR/DME and hold.

AWOS-3	CLEVELAND APP CON★	CLNC DEL	UNICOM
118.675	125.5 371.875	125.65	123.05 (CTAF) L



ELEV 1198





FAF to MAP 6.5 NM					
Knots	60	90	120	150	180
Min:Sec	6:30	4:20	3:15	2:36	2:10

CATEGORY	A	B	C	D
C CIRCLING	1740-1 542 (600-1)	1800-1 602 (700-1)	1860-1¾ 662 (700-1¾)	NA

EC-2, 12 JUN 2025 to 07 AUG 2025

EC-2, 12 JUN 2025 to 07 AUG 2025

RNAV (GPS) RWY 18

JASPER COUNTY (RZL)

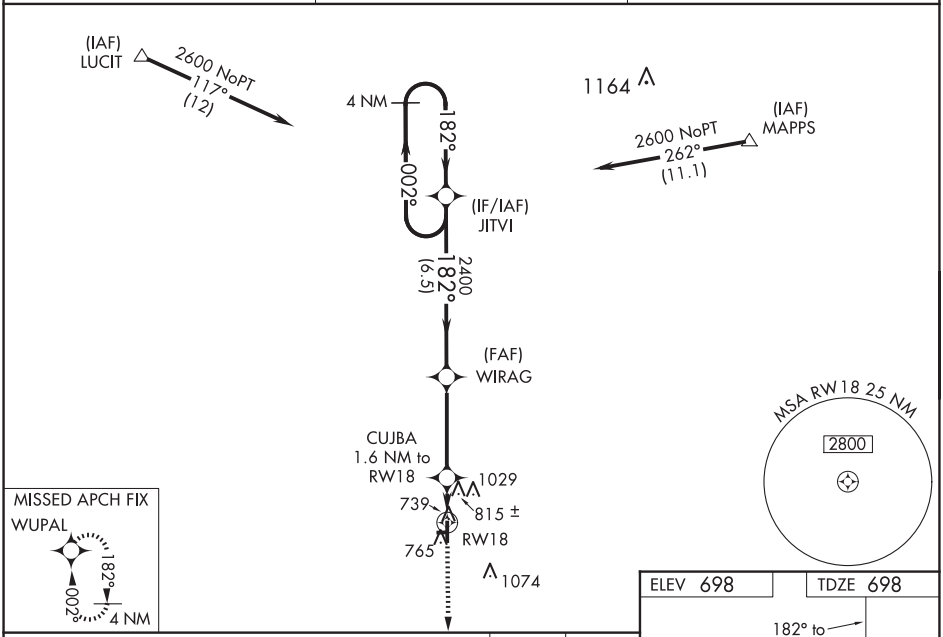
WAAS	APP CRS	Rwy Idg	4000
CH 70527	182°	TDZE	698
W18A		Apt Elev	698

RNP APCH.

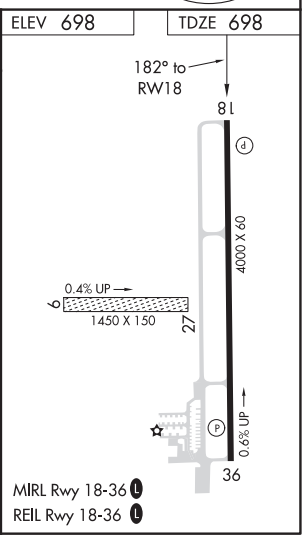
Baro-VNAV NA when using Knox altimeter setting. For uncompensated Baro-VNAV systems LNAV/VNAV NA below -22°C or above 54°C. When local altimeter setting not received, use Knox altimeter setting: increase LPV DA to 1026 feet and increase visibility all Cats ¼ SM; increase LNAV/VNAV DA to 1174 feet and visibility all Cats ⅛ SM; increase all MDAs 80 feet and LNAV visibility Cat C ⅛ SM, and Circling visibility Cat C ¼ SM. Rwy 18 helicopter visibility reduction below 1 SM NA. Circling NA to Rwys 9 and 27.

MISSED APPROACH: Climb to 2600 direct WUPAL and hold.

AWOS-3P	CHICAGO CENTER	UNICOM
119.175	132.5 284.7	122.8 (CTAF) L



CATEGORY	A	B	C	D
LPV DA	948-1 250 (300-1)			NA
LNAV/VNAV DA	1096-1⅜ 398 (400-1⅜)			NA
LNAV MDA	1080-1 382 (400-1)		1080-1⅛ 382 (400-1⅛)	NA
CIRCLING	1120-1 422 (500-1)	1380-1 682 (700-1)	1440-2¼ 742 (800-2¼)	NA



EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

RENSSELAER, INDIANA | AL-6185 (FAA) | 22111

RNAV (GPS) RWY 36
JASPER COUNTY (RZL)

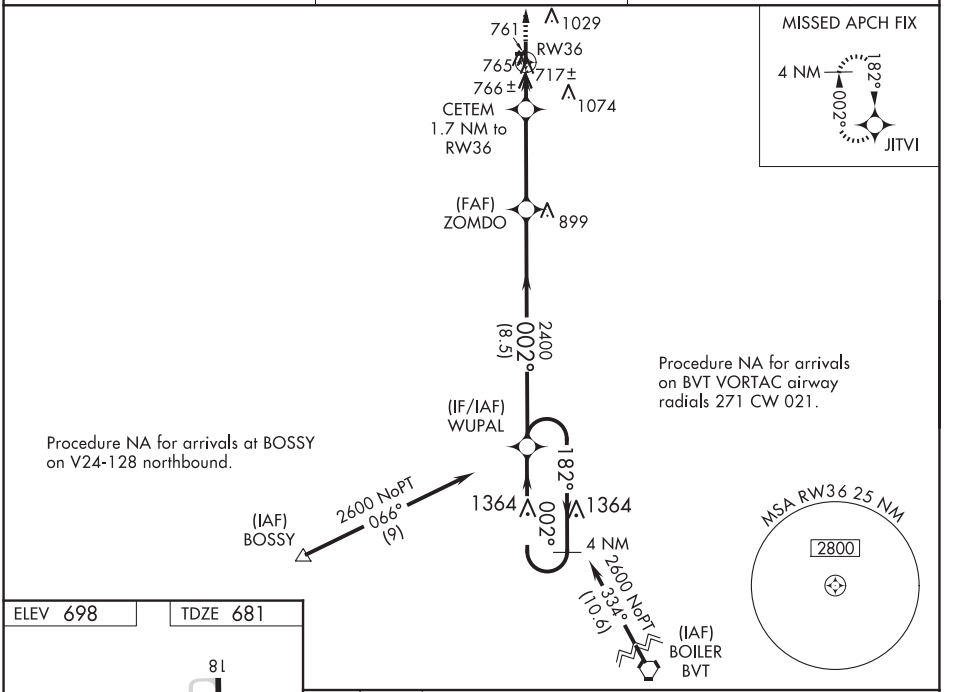
WAAS	APP CRS	Rwy Idg	4000
CH 82327	002°	TDZE	681
W36A		Apt Elev	698

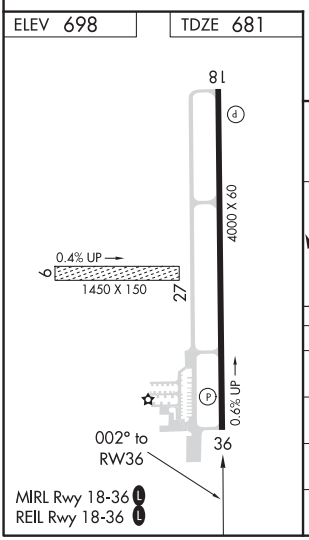
RNP APCH.

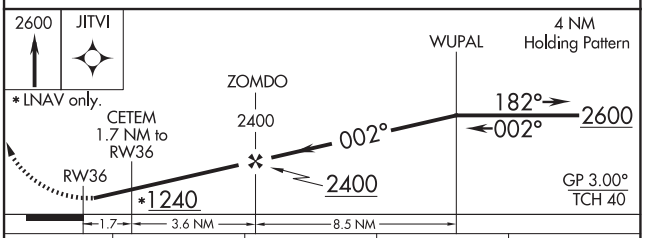
Baro-VNAV NA when using Knox altimeter setting. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -22°C or above 54°C. When local altimeter setting not received use Knox altimeter setting and increase all DA 78 feet and all MDA 80 feet, increase LPV and LNAV/VNAV all Cats visibility ⅛ mile and LNAV and Circling Cat C visibility ¼ mile. Rwy 36 helicopter visibility reduction below 1 SM NA. Circling NA to Rwys 9 and 27.

MISSED APPROACH: Climb to 2600 direct JITVI and hold.

AWOS-3P	CHICAGO CENTER	UNICOM
119.175	132.5 284.7	122.8 (CTAF)







CATEGORY	A	B	C	D
LPV DA	931-1 250 (300-1)			NA
LNAV/VNAV DA	947-1 266 (300-1)			NA
LNAV MDA	1020-1 339 (400-1)			NA
CIRCLING	1120-1 422 (500-1)	1380-1 682 (700-1)	1440-2¼ 742 (800-2¼)	NA

RENSSELAER, INDIANA
Orig-D 21APR22

40°57′N-87°11′W

JASPER COUNTY (RZL)
RNAV (GPS) RWY 36

EC-2, 12 JUN 2025 to 07 AUG 2025

WAAS	APP CRS	Rwy Idg	5200
CH 72842	058°	TDZE	1136
W06A		Apt Elev	1140

RNAV (GPS) RWY 6

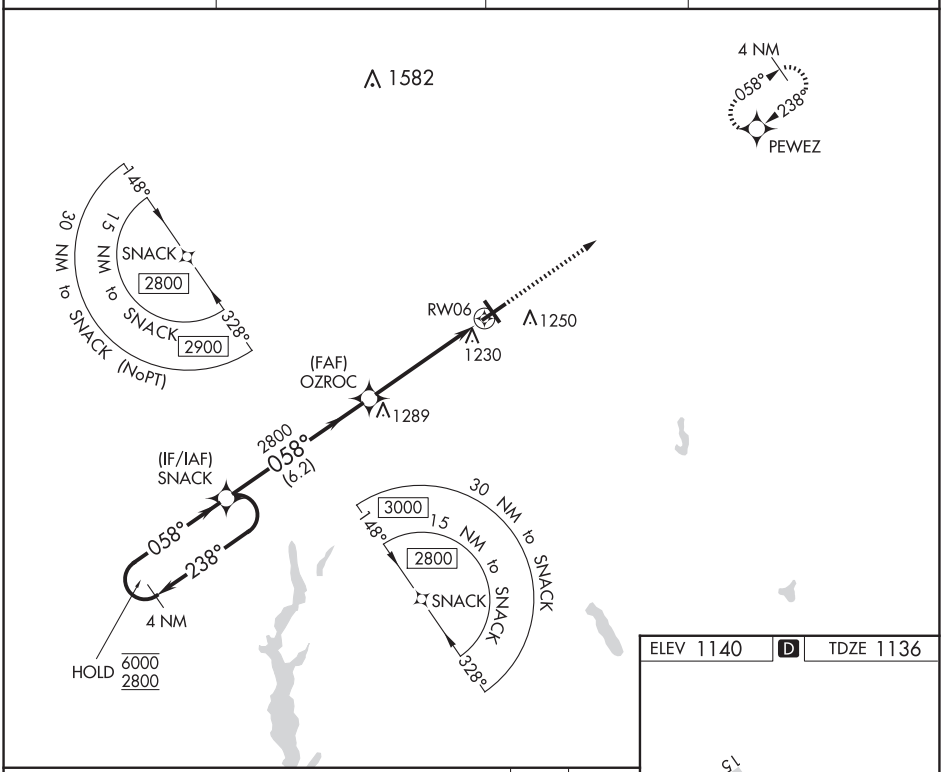
RICHMOND MUNI (RID)

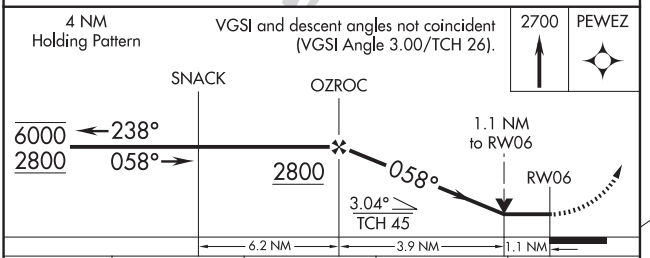
RNP APCH.

Circling Rwy 15 NA at night.
Rwy 6 helicopter visibility reduction below ¾ SM NA.

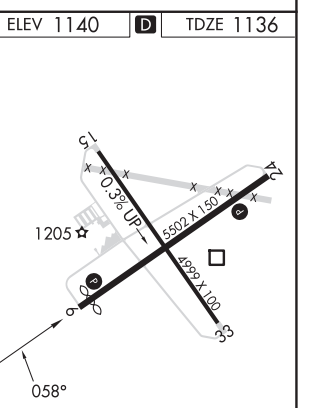
MISSED APPROACH: Climb to 2700 direct PEWEZ and hold.

AWOS-3	COLUMBUS APP CON	CLNC DEL	UNICOM
121.225	134.45 352.05	133.55	122.7 (CTAF) L





CATEGORY	A	B	C	D
LP MDA	1500-1 364 (400-1)			
LNAV MDA	1520-1 384 (400-1)		1520-1⅛ 384 (400-1⅛)	
C CIRCLING	1600-1 460 (500-1)		1600-1½ 460 (500-1½)	1700-2 560 (600-2)



MIRL Rwys 6-24 and 15-33 L
REIL Rwys 6 and 24 L

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

RNAV (GPS) RWY 24
RICHMOND MUNI (RID)

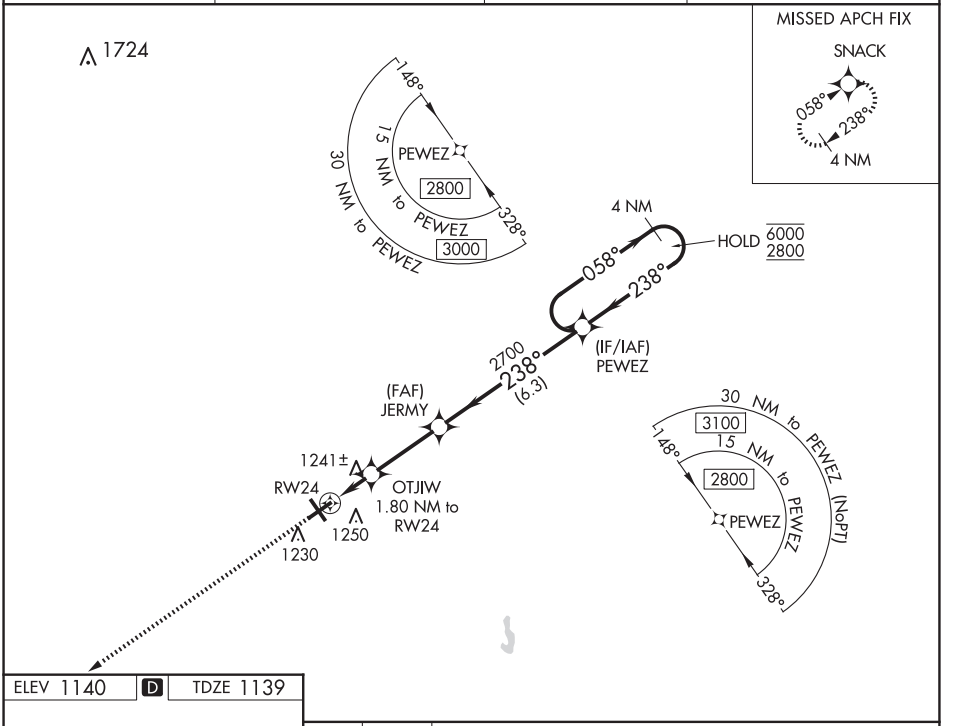
WAAS	APP CRS		
CH **82112**	**238°**	Rwy Idg	**5500**
W24A		TDZE	**1139**
		Apt Elev	**1140**

RNP APCH.

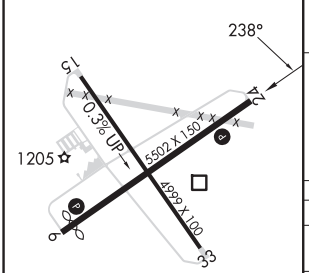
Circling Rwy 15 NA at night. For uncompensated Baro-VNAV systems, NA LNAV/VNAV NA below -17°C or above 54°C.

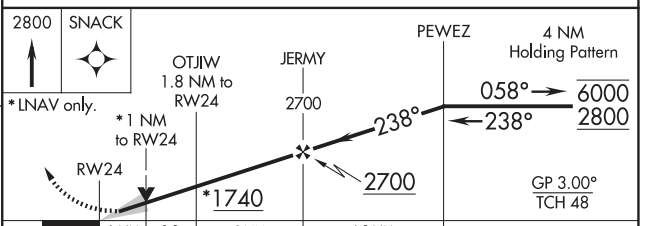
MISSED APPROACH: Climb to 2800 direct SNACK and hold.

AWOS-3	COLUMBUS APP CON	CLNC DEL	UNICOM
121.225	**134.45 352.05**	**133.55**	**122.7** (CTAF) L



ELEV 1140 D TDZE 1139





CATEGORY	A	B	C	D
LPV DA	1339-¾ 200 (200-¾)			
LNAV/VNAV DA	1409-⅞ 270 (300-⅞)			
LNAV MDA	1500-1 361 (400-1)			
C CIRCLING	1600-1 460 (500-1)		1600-1½ 460 (500-1½)	1700-2 560 (600-2)

MIRL Rwys 6-24 and 15-33 L
REIL Rwys 6 and 24 L

EC-2, 12 JUN 2025 to 07 AUG 2025

RNAV (GPS) RWY 33

RICHMOND MUNI (RID)

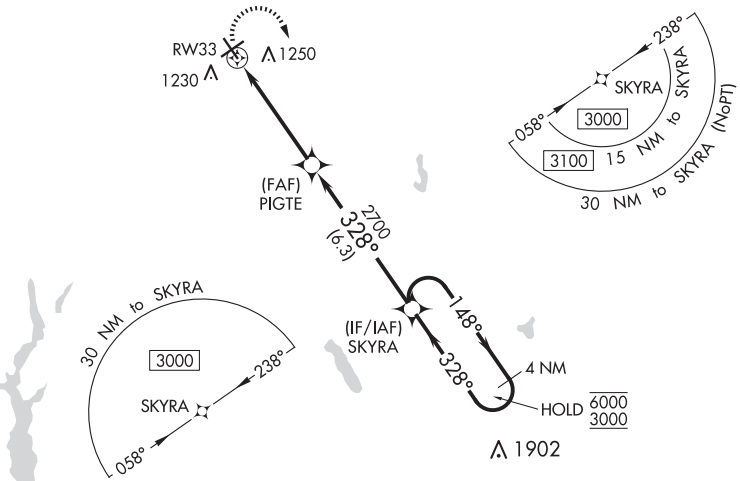
WAAS	APP CRS	Rwy Idg	4999
CH 78242	328°	TDZE	1140
W33A		Apt Elev	1140

RNP APCH.

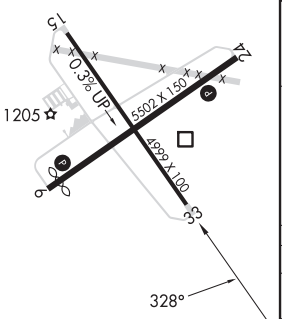
Circling Rwy 15 NA at night.
Rwy 33 helicopter visibility reduction below ¾ SM NA.

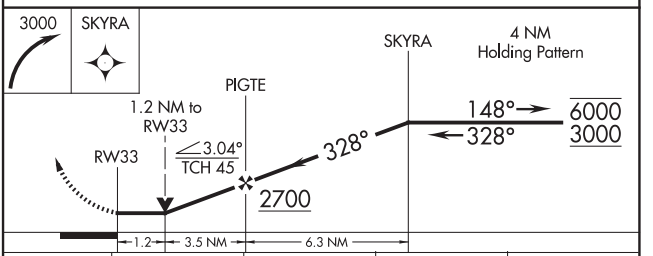
MISSED APPROACH: Climbing right turn to 3000 direct SKYRA and hold.

AWOS-3	COLUMBUS APP CON	CLNC DEL	UNICOM
121.225	134.45 352.05	133.55	122.7 (CTAF) L



ELEV 1140 D TDZE 1140





CATEGORY	A	B	C	D
LP MDA	1560-1	420 (500-1)	1560-1⅛	420 (500-1⅛)
LNAV MDA	1560-1	420 (500-1)	1560-1⅛	420 (500-1⅛)
C CIRCLING	1600-1	460 (500-1)	1600-1½ 460 (500-1½)	1700-2 560 (600-2)

MIRL Rwys 6-24 and 15-33 L
REIL Rwys 6 and 24 L

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

ROCHESTER, INDIANA

AL-5615 (FAA)

22363

RNAV (GPS) RWY 11

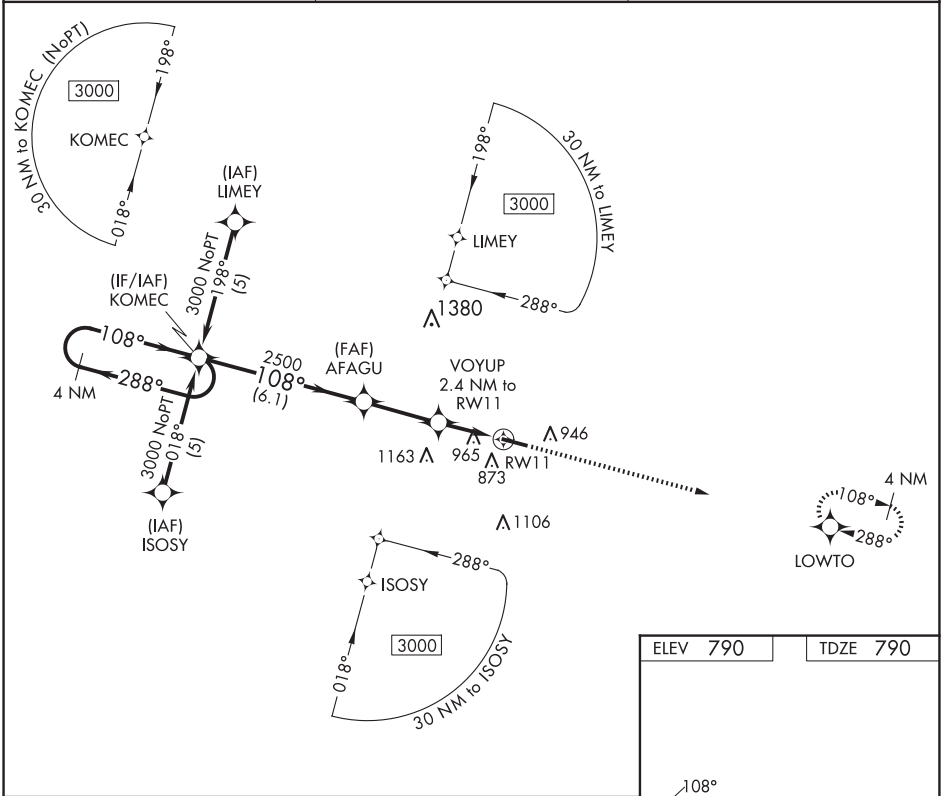
FULTON COUNTY (RCR)

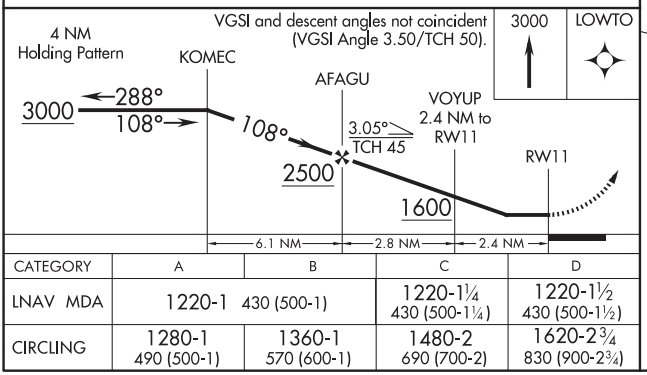
APP CRS	Rwy Idg	5001
108°	TDZE	790
	Apt Elev	790

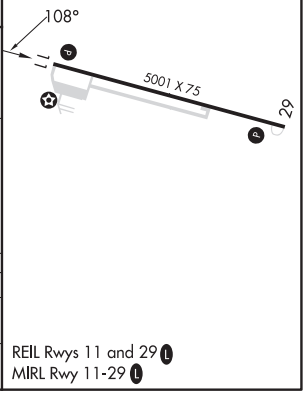
DME/DME RNP-0.3 NA. Visibility reduction by helicopters NA. When local altimeter setting not received, use Goshen altimeter setting: increase all MDA 100 feet and visibility LNAV Cats C and D and Circling Cats C and D ¼ SM.

MISSED APPROACH: Climb to 3000 direct LOWTO and hold.

AWOS-3	SOUTH BEND APP CON ★	UNICOM
118.775	132.05 257.8	122.7 (CTAF) L







CATEGORY	A	B	C	D
LNAV MDA	1220-1 430 (500-1)		1220-1¼ 430 (500-1¼)	1220-1½ 430 (500-1½)
CIRCLING	1280-1 490 (500-1)	1360-1 570 (600-1)	1480-2 690 (700-2)	1620-2¾ 830 (900-2¾)

REIL Rwys 11 and 29 L
MIRL Rwy 11-29 L

ROCHESTER, INDIANA
Amdt 1A 02DEC21

41°04'N-86°11'W

FULTON COUNTY (RCR)

RNAV (GPS) RWY 11

EC-2, 12 JUN 2025 to 07 AUG 2025

EC-2, 12 JUN 2025 to 07 AUG 2025

RNAV (GPS) RWY 29

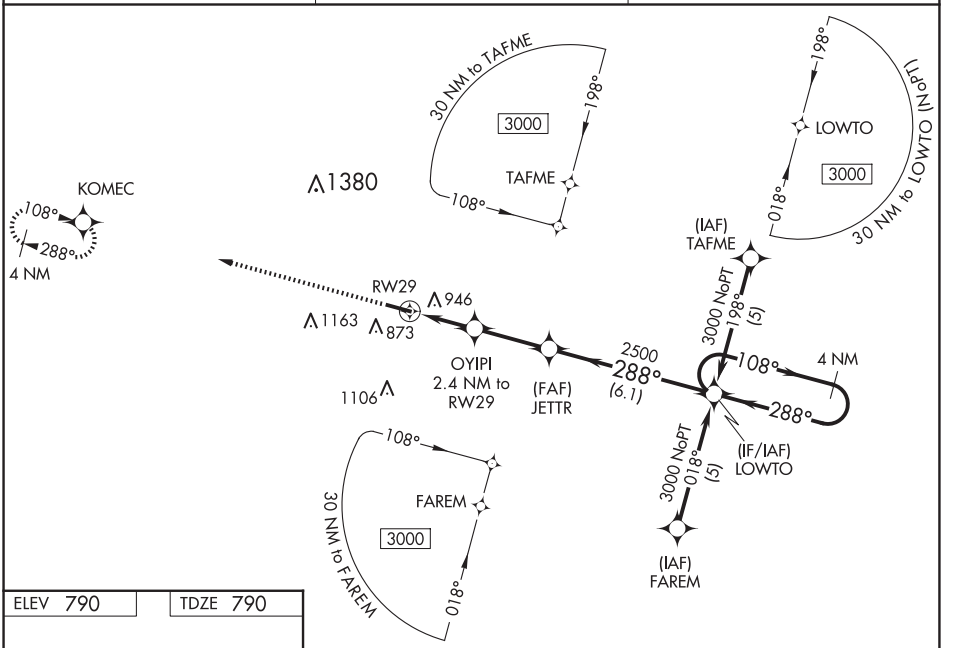
FULTON COUNTY (RCR)

WAAS	APP CRS	Rwy ldg	5001
CH 48809	288°	TDZE	790
W29A		Apt Elev	790

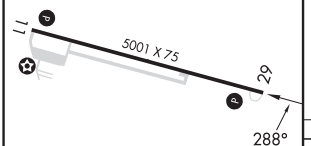
DME/DME RNP-0.3 NA. Visibility reduction by helicopters NA. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -16°C (4°F) or above 47° C (116°F). When local altimeter setting not received, use Goshen altimeter setting: increase LPV DA to 1208 feet and visibility all Cats ¼ SM; increase LNAV/VNAV DA to 1325 and visibility all Cats ½ SM; increase all MDA 100 feet and visibility LNAV Cats C and D and Circling Cats C and D ¼ SM. Baro-VNAV and VDP NA when using Goshen altimeter setting.

MISSED APPROACH: Climb to 3000 direct KOMEC and hold.

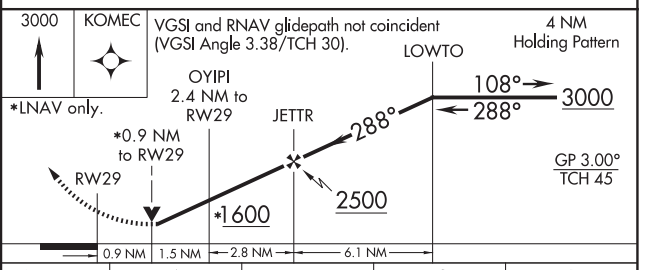
AWOS-3	SOUTH BEND APP CON★	UNICOM
118.775	132.05 257.8	122.7 (CTAF) L



ELEV 790 | TDZE 790



REIL Rwys 11 and 29 L
MIRL Rwy 11-29 L



CATEGORY	A	B	C	D
LPV DA	1127-1¼ 337 (400- 1¼)			
LNAV/VNAV DA	1244-1½ 454 (500- 1½)			
LNAV MDA	1200-1 410 (500-1)		1200-1¼ 410 (500-1¼)	
CIRCLING	1280-1 490 (500-1)	1360-1 570 (600-1)	1480-2 690 (700-2)	1620-2¾ 830 (900-2¾)

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

ST CLAIRSVILLE, OHIO | AL-5053 (FAA) | 23278

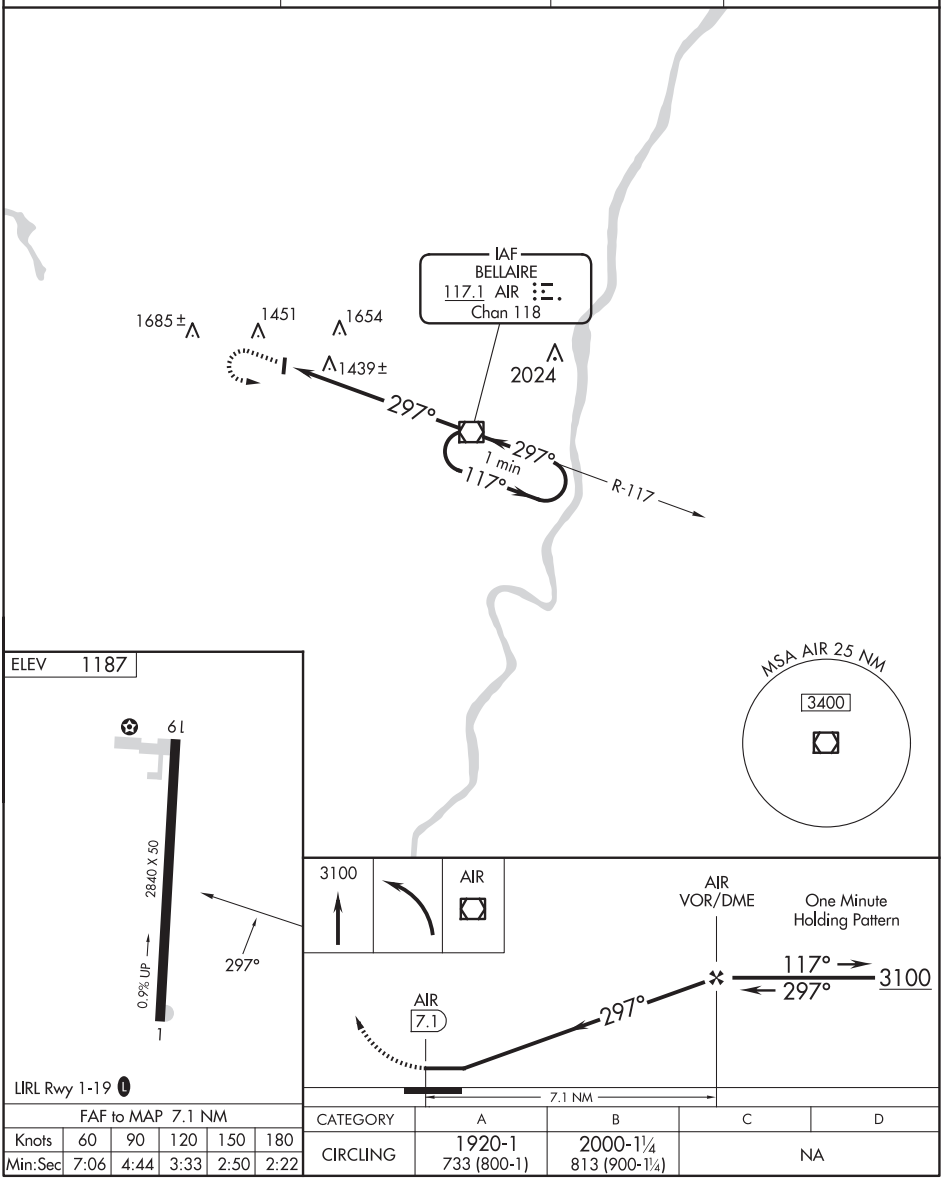
VOR-A
ALDERMAN (2P7)

VOR/DME AIR	APP CRS	Rwy Idg	N/A
117.1	297°	TDZE	N/A
Chan 118		Apt Elev	1187

T A NA — Use Wheeling Ohio County altimeter setting; when not received, use Pittsburgh Intl altimeter setting and increase all MDAs 80 feet and Circling Cat A visibility ¼ SM. Procedure NA at night. Helicopter visibility reduction below 1 SM NA.

MISSED APPROACH: Climb to 3100 then left turn direct AIR VOR/DME and hold.

HLG ASOS	CLEVELAND CENTER	CTAF	
127.375	126.95 239.30	122.9	123.3 L



FAF to MAP 7.1 NM					
Knots	60	90	120	150	180
Min:Sec	7:06	4:44	3:33	2:50	2:22

CATEGORY	A	B	C	D
CIRCLING	1920-1 733 (800-1)	2000-1¼ 813 (900-1¼)	NA	

ST CLAIRSVILLE, OHIO
Amdt 3C 07OCT21

40°03'N-80°58'W

ALDERMAN (2P7)
VOR-A

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

APP CRS	Rwy Idg	N/A
277°	TDZE	N/A
	Apt Elev	1162

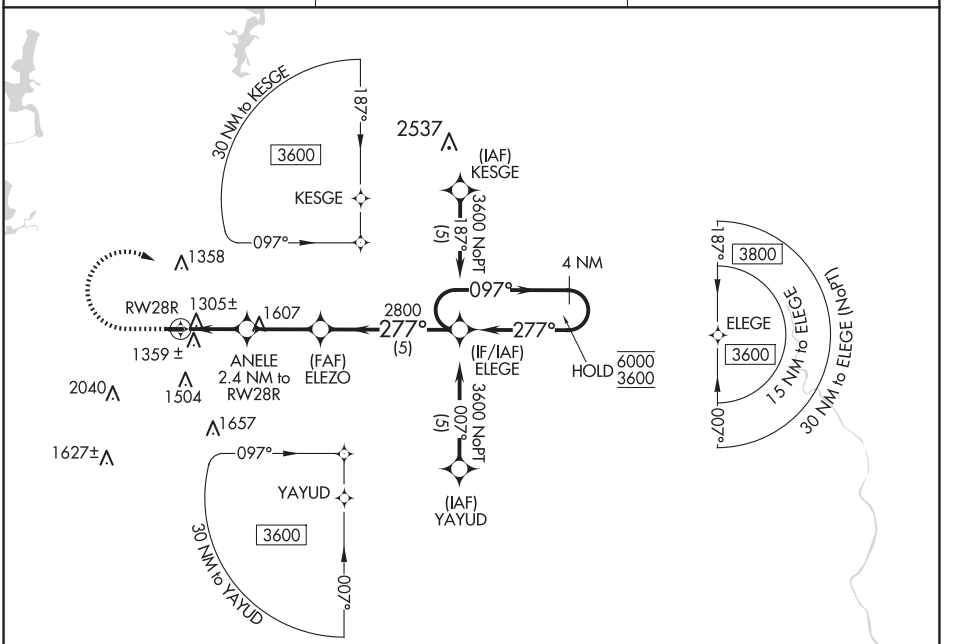
RNAV (GPS)-A
SALEM AIRPARK (38D)

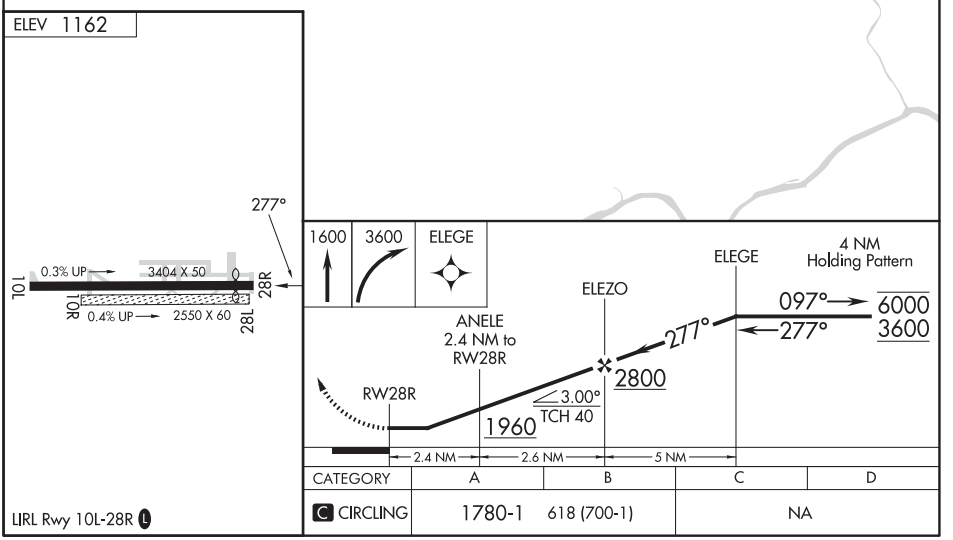
RNP APCH - GPS.

Circling NA to Rwys 10R and 28L. Procedure NA at night. Rwy 10L, 28R helicopter visibility reduction below 1 SM NA. Use Youngstown/Warren Rgnl altimeter setting.

MISSED APPROACH: Climb to 1600 then climbing right turn to 3600 direct ELEGE and hold.

YNG ASOS	CLEVELAND APP CON ★	UNICOM
123.75	125.5 371.875	122.7 (CTAF) L





CATEGORY	A	B	C	D
C CIRCLING	1780-1	618 (700-1)		NA

LIRL Rwy 10L-28R L

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

SEBRING, OHIO

AL-5893 (FAA)

23334

RNAV (GPS) RWY 18

TRI-CITY (3G6)

APP CRS	Rwy Idg	2768
181°	TDZE	1188
	Apt Elev	1188

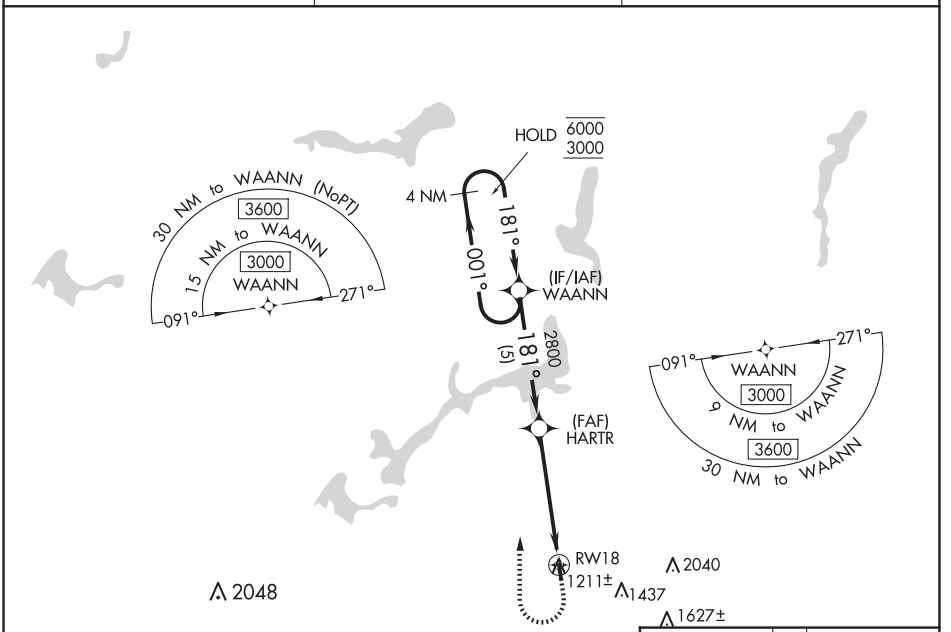
RNP APCH.

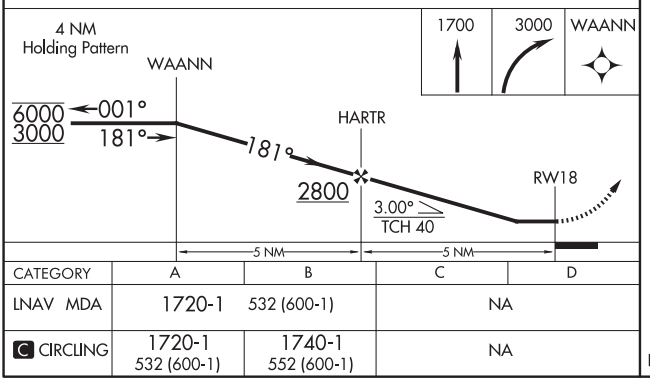
Procedure NA at night. Rwy 18 helicopter visibility reduction below 1 SM NA. Use Akron-Canton Rgnl altimeter setting, when not received, use Ravenna altimeter setting.

NA

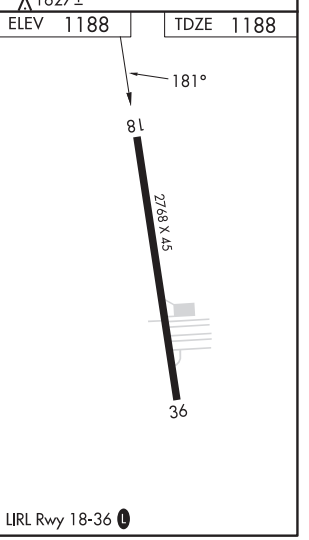
MISSED APPROACH: Climb to 1700 then climbing right turn to 3000 direct WAANN and hold.

CAK ASOS	CLEVELAND APP CON ★	CTAF
121.05	125.5 371.875	122.9 L





CATEGORY	A	B	C	D
LNAV MDA	1720-1	532 (600-1)	NA	
C CIRCLING	1720-1 532 (600-1)	1740-1 552 (600-1)	NA	



LIRL Rwy 18-36 L

SEBRING, OHIO
Orig 17JUN21

40°54'N-81°00'W

TRI-CITY (3G6)

RNAV (GPS) RWY 18

EC-2, 12 JUN 2025 to 07 AUG 2025

EC-2, 12 JUN 2025 to 07 AUG 2025

VOR RWY 18

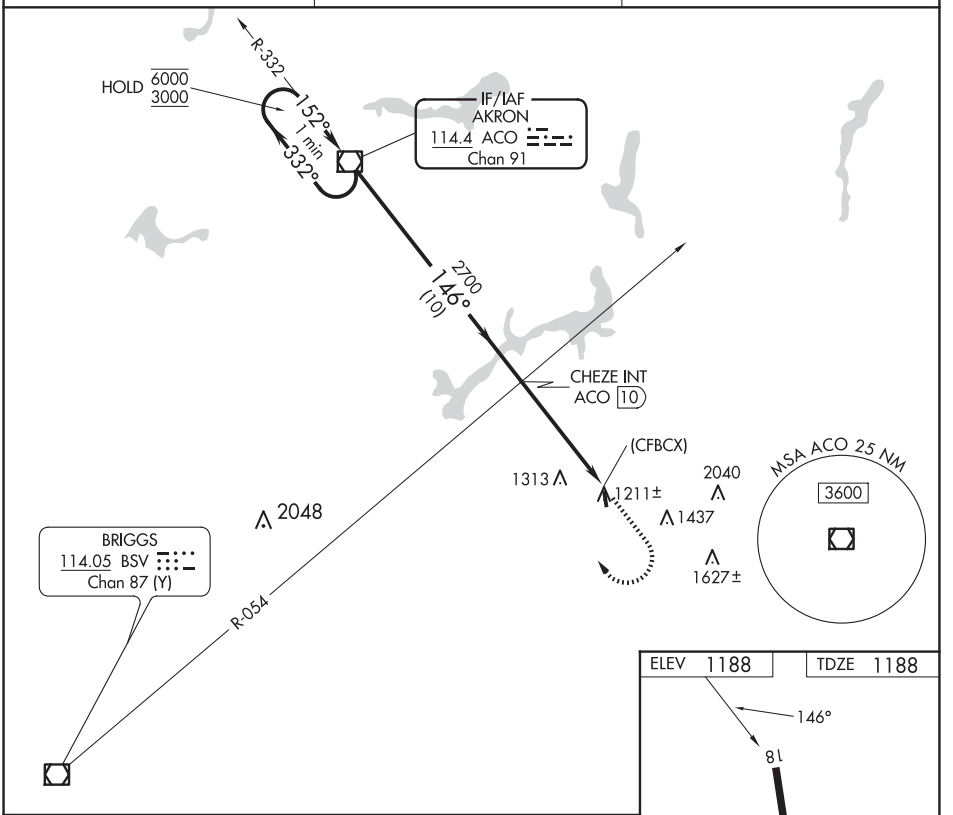
TRI-CITY (3G6)

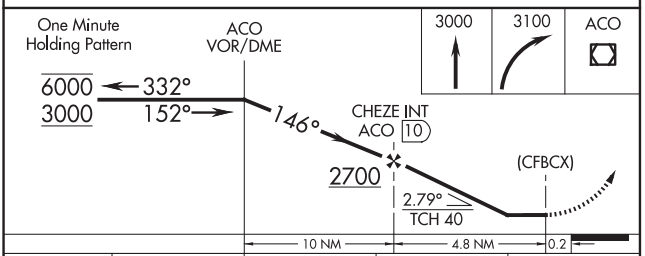
VOR/DME ACO	APP CRS	Rwy Idg	2768
114.4	146°	TDZE	1188
Chan 91		Apt Elev	1188

NA — Procedure NA at night. Rwy 18 helicopter visibility reduction below 1 SM NA. Use Akron-Canton Rgnl altimeter setting, when not received, use Ravenna altimeter setting.

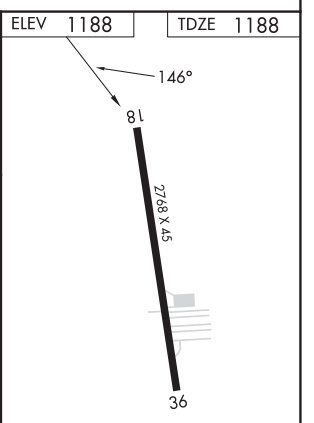
MISSED APPROACH: Climb to 3000 then climbing right turn to 3100 direct ACO VOR/DME and hold.

CAK ASOS	CLEVELAND APP CON ★	CTAF
121.05	125.5 371.875	122.9 L





CATEGORY	A	B	C	D
S-18	1680-1	492 (500-1)	NA	
C CIRCLING	1680-1 492 (500-1)	1800-1 612 (700-1)	NA	



LIRL Rwy 18-36 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

EC-2, 12 JUN 2025 to 07 AUG 2025

EC-2, 12 JUN 2025 to 07 AUG 2025

SEYMOUR, INDIANA | AL-573 (FAA) | 24193

RNAV (GPS) RWY 5

FREEMAN MUNI (SER)

WAAS	APP CRS	Rwy Idg	6001
CH 53704	046°	TDZE	572
W05A		Apt Elev	583

RNP APCH - GPS.

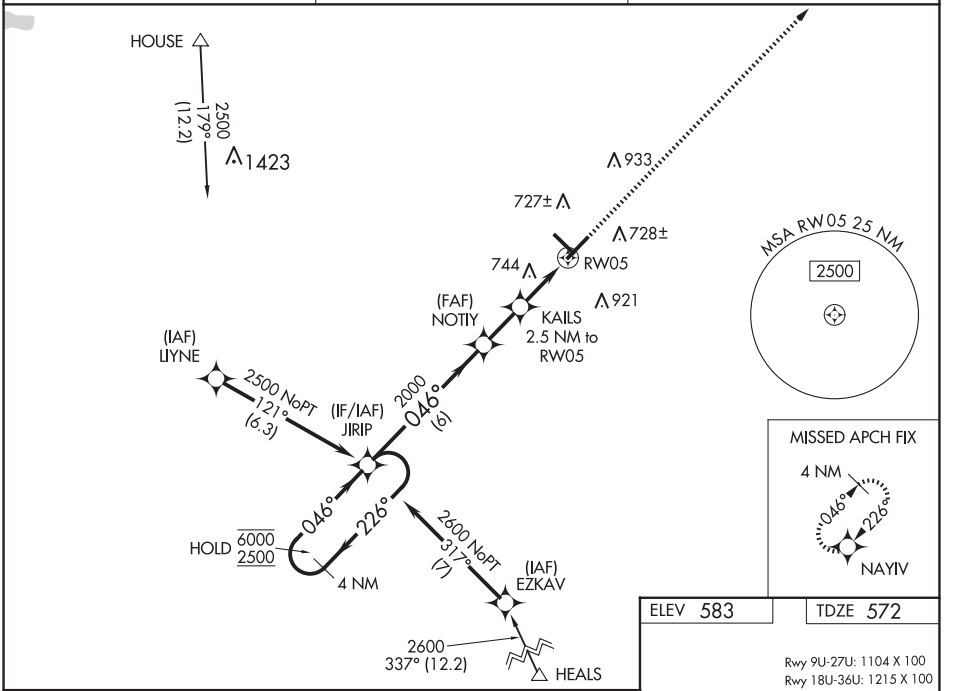
Rwy 5 helicopter visibility reduction below ¾ SM NA. Inop table does not apply to LPV all Cats and LNAV Cats A/B. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -16°C or above 54°C. For inop ALS, increase LNAV/VNAV Cats C/D visibility to 1⅜ SM.

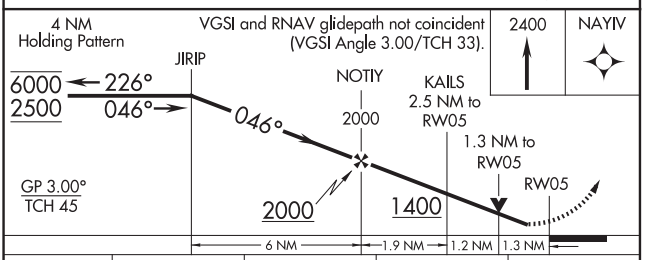
NA

ODALS

MISSED APPROACH: Climb to 2400 direct NAYIV and hold.

AWOS-3	LOUISVILLE APP CON	UNICOM
119.425	132.075 327.0	122.8 (CTAF) L

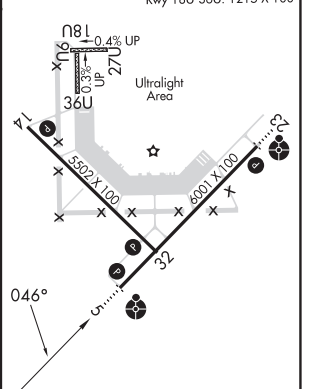




CATEGORY	A	B	C	D
LPV DA	834-1	262 (300-1)		
LNAV/VNAV DA	1017-1⅛	445 (500-1⅛)		
LNAV MDA	1000-1	428 (500-1)	1000-1⅛	428 (500-1⅛)
C CIRCLING	1080-1 497 (500-1)	1140-1 557 (600-1)	1240-1¾ 657 (700-1¾)	1240-2 657 (700-2)

ELEV 583 | TDZE 572

Rwy 9U-27U: 1104 X 100
Rwy 18U-36U: 1215 X 100



MIRL Rwys 5-23 and 14-32
REIL Rwys 5, 14, 23 and 32 L

SEYMOUR, INDIANA
Amdt 2 08SEP22

38°55'N-85°55'W

FREEMAN MUNI (SER)

RNAV (GPS) RWY 5

EC-2, 12 JUN 2025 to 07 AUG 2025

EC-2, 12 JUN 2025 to 07 AUG 2025

RNAV (GPS) RWY 14

FREEMAN MUNI (SER)

WAAS CH 58003 W14A	APP CRS 136°	Rwy Idg 5502 TDZE 583 Apt Elev 583

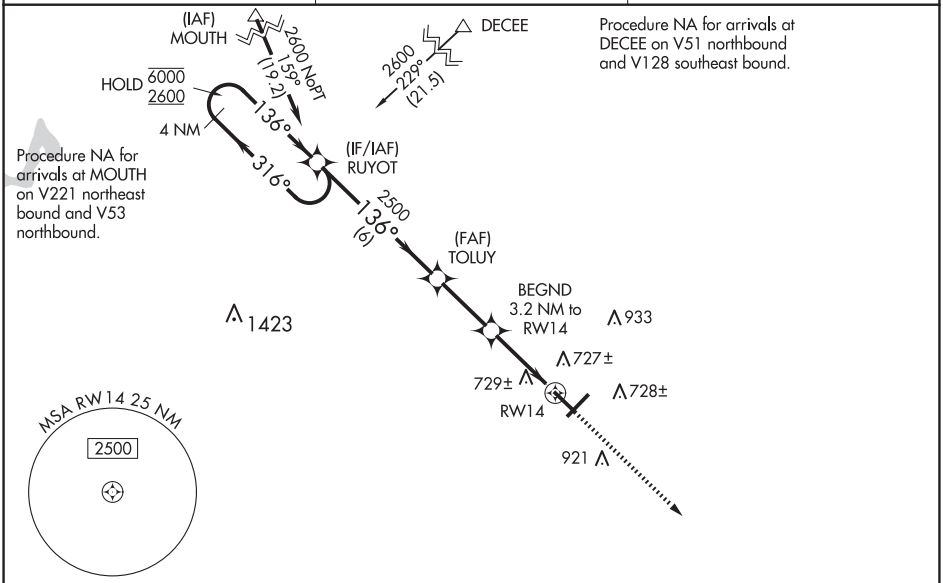
RNP APCH - GPS.

T NA

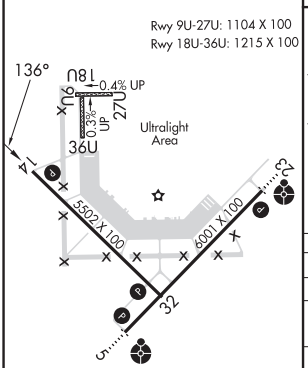
Baro-VNAV and VDP NA when using Louisville Muhammad Ali Intl altimeter setting. Rwy 14 helicopter visibility reduction below ¾ SM NA. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -16°C or above 54°C. When local altimeter setting not received, use Louisville Muhammad Ali Intl altimeter setting and increase all DA 117 feet and all MDA 120 feet; increase LPV and LNAV/VNAV all Cats and LNAV and Circling Cats C/D visibility ¼ SM.

MISSED APPROACH: Climb to 2400 direct ZEKAM and hold.

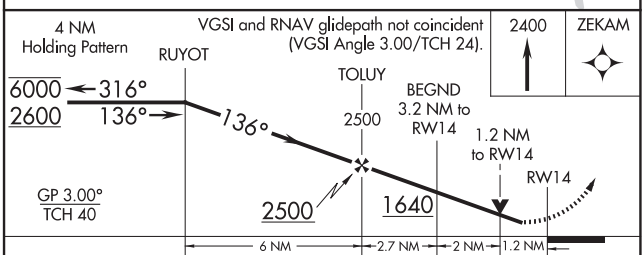
AWOS-3	LOUISVILLE APP CON	UNICOM
119.425	132.075 327.0	122.8 (CTAF) L



ELEV 583 TDZE 583



MIRL Rwys 5-23 and 14-32
REIL Rwys 5, 14, 23 and 32 L



CATEGORY	A	B	C	D
LPV DA	860-⅞	277 (300-⅞)		
LNAV/VNAV DA	1037-1⅜	454 (500-1⅜)		
LNAV MDA	980-1	397 (400-1)	980-1⅛	397 (400-1⅛)
C CIRCLING	1040-1 457 (500-1)	1100-1 517 (600-1)	1300-2 717 (800-2)	1300-2¼ 717 (800-2¼)

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

SEYMOUR, INDIANA | AL-573 (FAA) | 24193

RNAV (GPS) RWY 23

FREEMAN MUNI (SER)

WAAS CH 48903 W23A	APP CRS 226°	Rwy Idg 6001 / TDZE 578 / Apt Elev 583

RNP APCH - GPS.

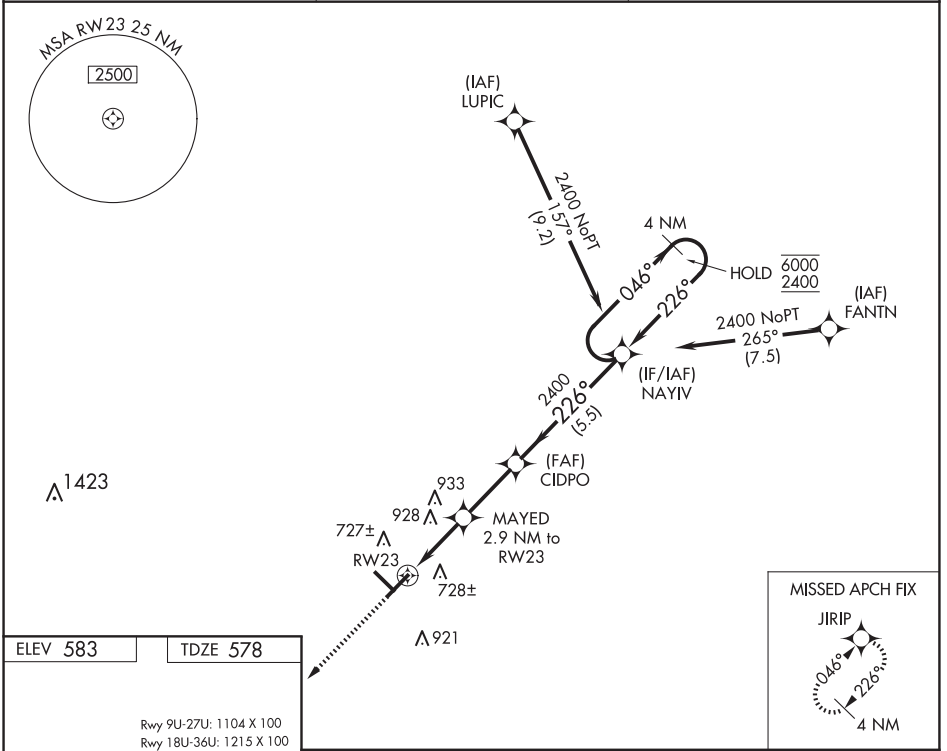
For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -16°C or above 54°C. Inop table does not apply to LPV all Cats and LNAV Cats A/B. For inop ALS, increase LNAV/VNAV Cats C/D visibility to 1⅜ SM.

NA

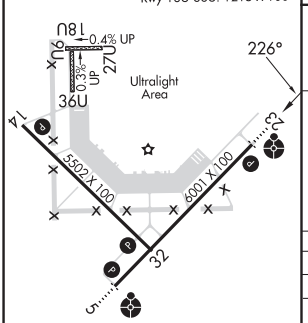
ODALS

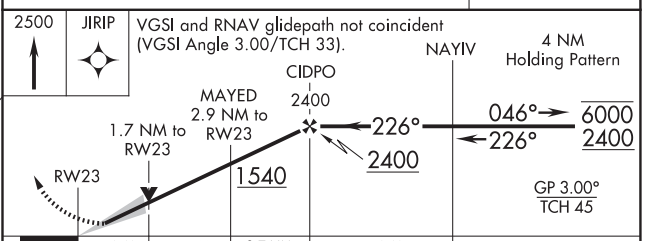
MISSED APPROACH: Climb to 2500 direct JIRIP and hold.

AWOS-3	LOUISVILLE APP CON	UNICOM
119.425	132.075 327.0	122.8 (CTAF) L



ELEV 583 | TDZE 578





CATEGORY	A	B	C	D
LPV DA		855-1	277 (300-1)	
LNAV/VNAV DA		1020-1⅛	442 (500-1⅛)	
LNAV MDA	1160-1 582 (600-1)		1160-1⅝ 582 (600-1⅝)	
C CIRCLING	1160-1 577 (600-1)		1240-1¾ 657 (700-1¾)	1240-2 657 (700-2)

MIRL Rwys 5-23 and 14-32
REIL Rwys 5, 14, 23 and 32 L

SEYMOUR, INDIANA
Amdt 3 08SEP22

38°55'N-85°55'W

FREEMAN MUNI (SER)

RNAV (GPS) RWY 23

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

RNAV (GPS) RWY 32

FREEMAN MUNI (SER)

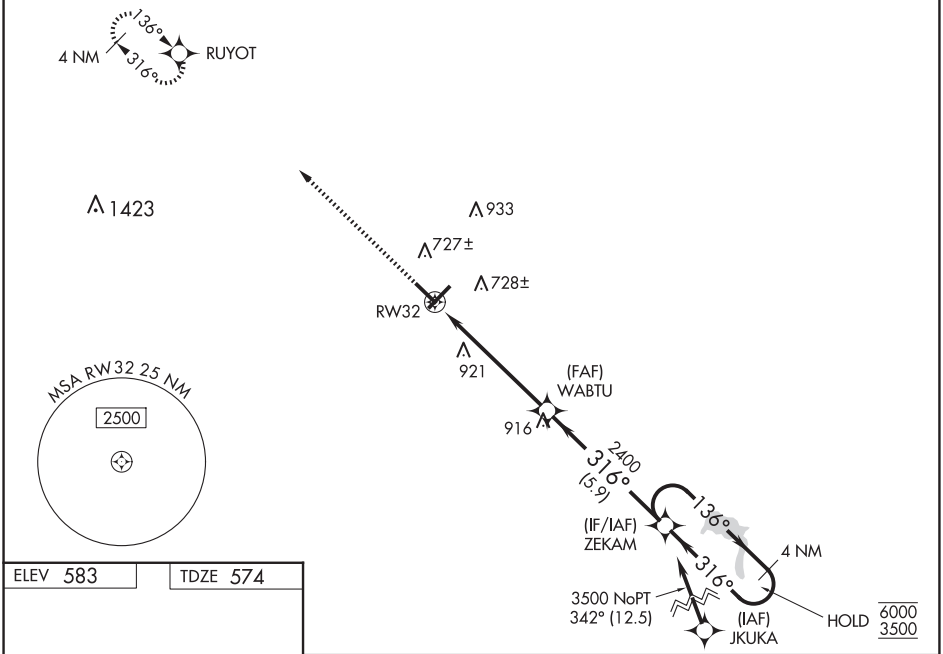
WAAS CH 99403 W32A	APP CRS 316°	Rwy Idg 5502 TDZE 574 Apt Elev 583

RNP APCH - GPS.

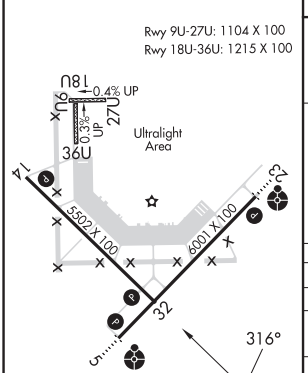
Baro-VNAV and VDP NA when using Louisville Muhammad Ali Intl altimeter setting. Rwy 32 helicopter visibility reduction below ¾ SM NA. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -16°C or above 54°C. When local altimeter setting not received, use Louisville Muhammad Ali Intl altimeter setting and increase LPV DA to 979 feet and all visibilities ⅛ SM; increase LNAV/VNAV DA to 1230 feet and all visibilities ⅜ SM; increase all MDAs 120 feet and LNAV visibility Cat C/D ⅜ SM, and Circling visibility Cat C/D ½ SM.

MISSED APPROACH: Climb to 2600 direct RUYOT and hold.

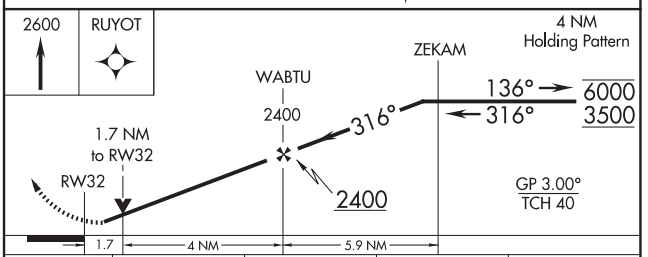
AWOS-3	LOUISVILLE APP CON	UNICOM
119.425	132.075 327.0	122.8 (CTAF) L



ELEV 583 TDZE 574



MIRL Rwys 5-23 and 14-32
REIL Rwys 5, 14, 23 and 32 L



CATEGORY	A	B	C	D
LPV DA	859-1 285 (300-1)			
LNAV/VNAV DA	1110-1½ 536 (600-1½)			
LNAV MDA	1140-1 566 (600-1)		1140-1⅝ 566 (600-1⅝)	
C CIRCLING	1140-1 557 (600-1)		1300-2 717 (800-2)	1300-2¼ 717 (800-2¼)

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

SHELBY, OHIO

AL-5502 (FAA)

24193

VOR-A

SHELBY COMMUNITY (12G)

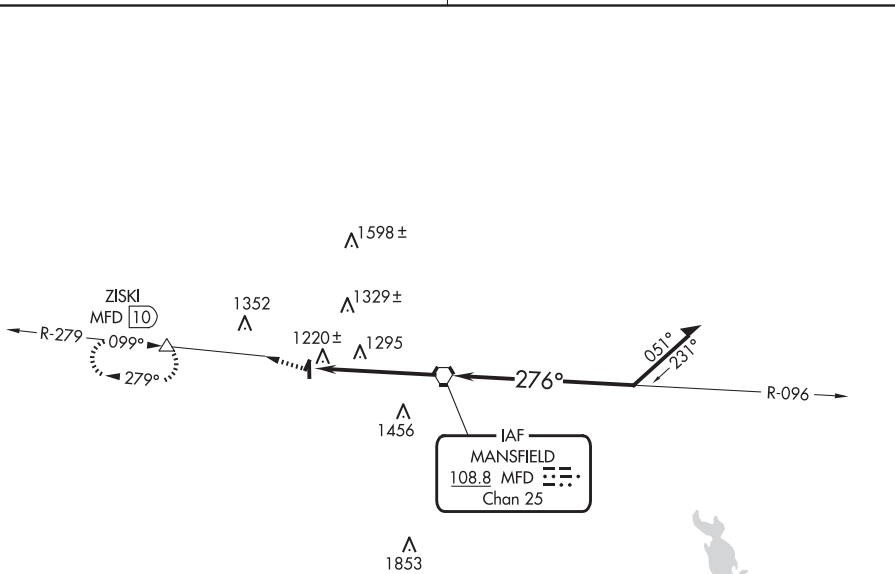
VORTAC MFD	APP CRS	Rwy Idg	N/A
108.8	276°	TDZE	N/A
Chan 25		Apt Elev	1120

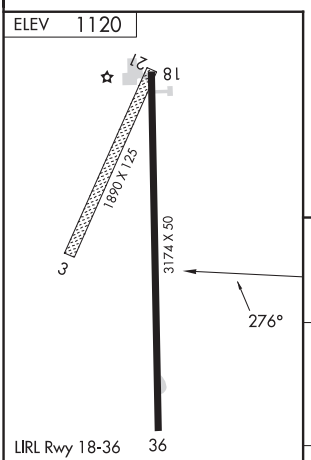
DME required.

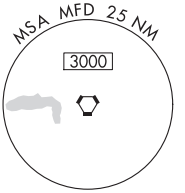
Use Mansfield altimeter setting. Procedure NA at night.
NA Circling to Rwy 3, 21 NA.

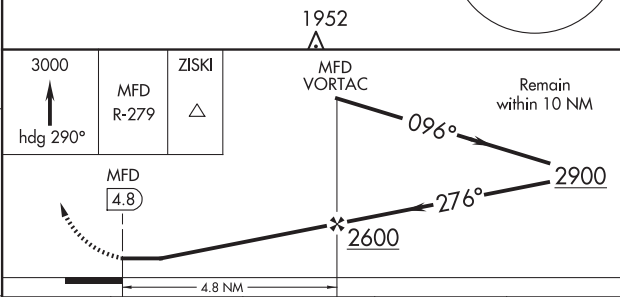
MISSED APPROACH: Climb to 3000 via heading 290° and MFD R-279 to ZISKI Int/MFD 10 DME and hold.

CLEVELAND APP CON ★	UNICOM
128.35 360.65	122.8 (CTAF)









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
CIRCLING	1640-1 520 (600-1)	1700-1 580 (600-1)	1840-2 720 (800-2)	NA

SHELBY, OHIO
Amdt 5B 30DEC21

40°52′N-82°42′W

SHELBY COMMUNITY (12G)

VOR-A

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

RNAV (GPS) RWY 1

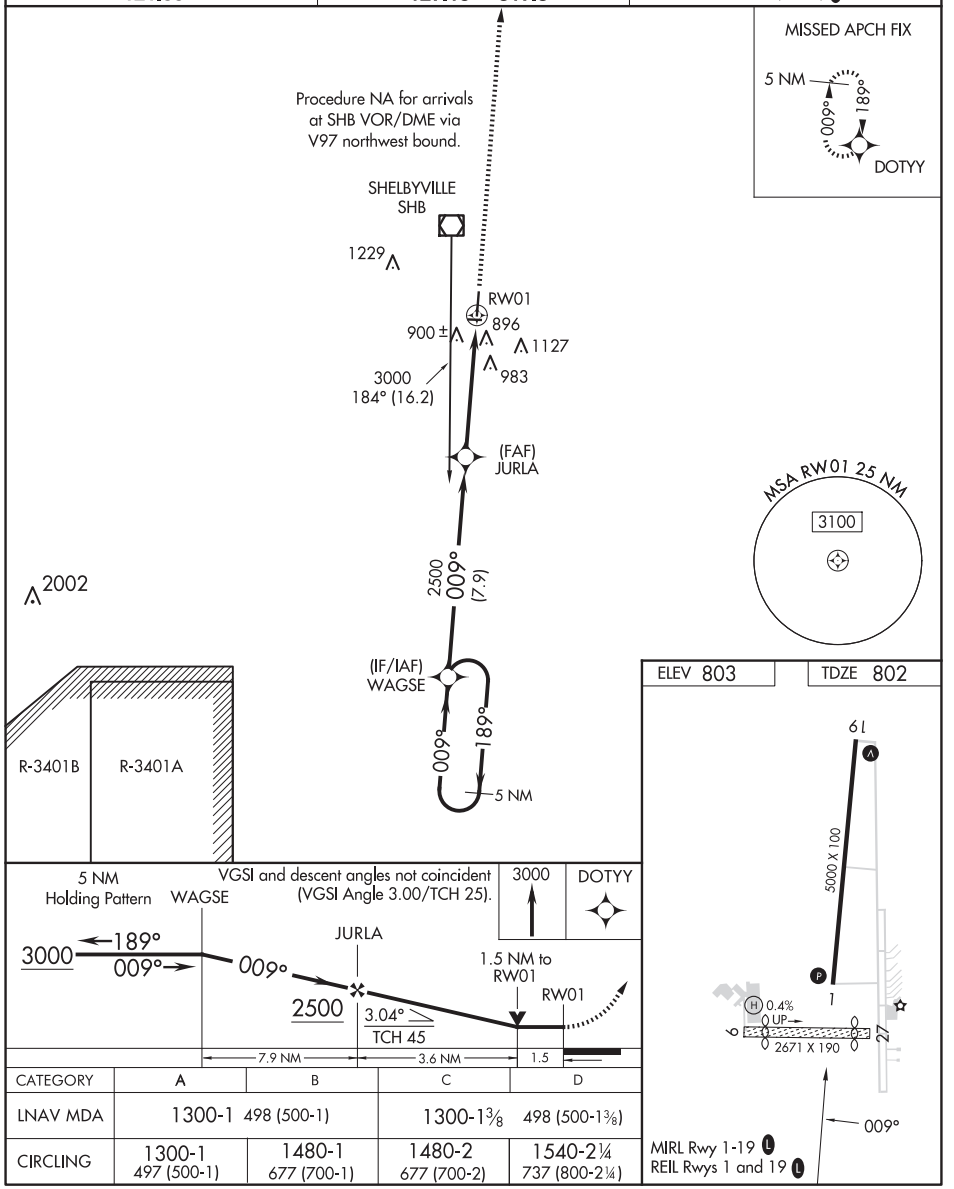
SHELBYVILLE MUNI (GEZ)

APP CRS	Rwy Ldg	5000
009°	TDZE	802
	Apt Elev	803

DME/DME RNP-0.3 NA. Helicopter visibility reduction below ¾ SM NA. VDP NA when using Indianapolis Intl altimeter setting. Circling Rwy 9, 27 NA at night. When local altimeter setting not received, use Indianapolis Intl altimeter setting: increase all MDA 60 feet and Circling Cat D visibility ¼ SM.

MISSED APPROACH: Climb to 3000 direct DOTYY and hold.

ASOS	INDIANAPOLIS APP CON	UNICOM
121.55	127.15 317.8	122.8 (CTAF) L



CATEGORY	A	B	C	D
LNAV MDA	1300-1 498 (500-1)		1300-1⅜ 498 (500-1⅜)	
CIRCLING	1300-1 497 (500-1)	1480-1 677 (700-1)	1480-2 677 (700-2)	1540-2¼ 737 (800-2¼)

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

SHELBYVILLE, INDIANA

AL-5514 (FAA)

25163

RNAV (GPS) RWY 19

SHELBYVILLE MUNI (GEZ)

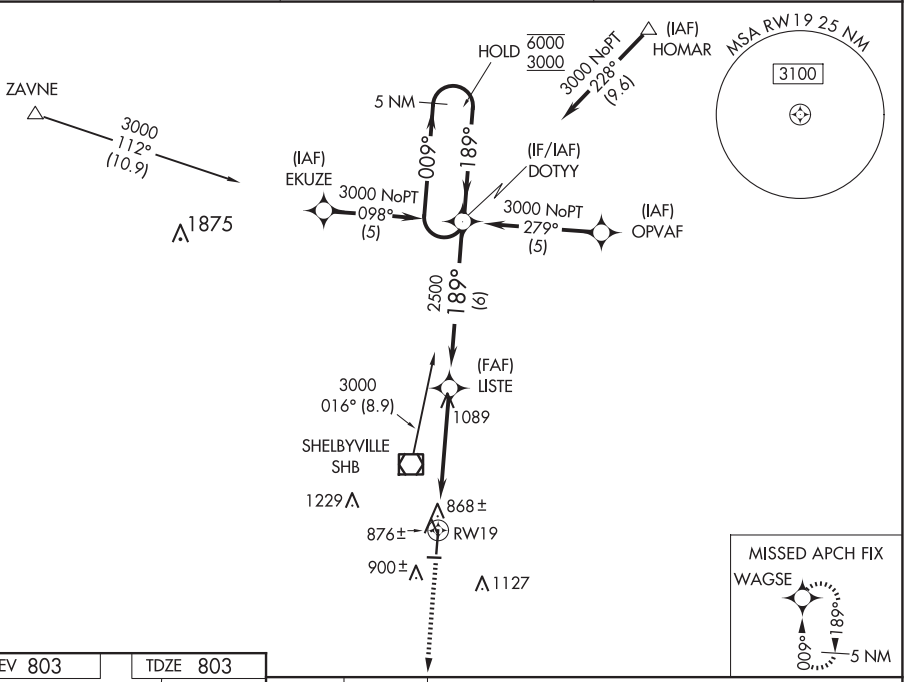
WAAS	APP CRS	Rwy Ldg	5000
CH 53603	189°	TDZE	803
W19A		Apt Elev	803

RNP APCH.

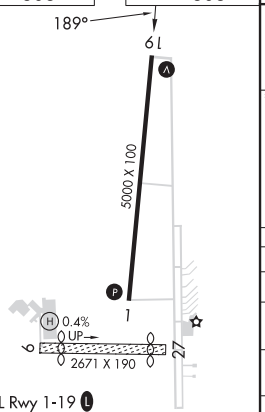
Circling Rwy 9, 27 NA at night. Baro-VNAV NA when using Indianapolis Intl altimeter setting. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -16°C or above 54°C. VDP NA when using Indianapolis Intl altimeter setting. When local altimeter setting not received, use Indianapolis Intl altimeter setting: increase LPV DA to 1152 feet and LNAV/VNAV DA to 1199 feet; increase all MDA 60 feet and LNAV Cat C/D visibility ⅛ SM and Circling Cat D visibility ¼ SM.

MISSED APPROACH: Climb to 3000 direct WAGSE and hold.

ASOS	INDIANAPOLIS APP CON	UNICOM
121.55	127.15 317.8	122.8 (CTAF) L

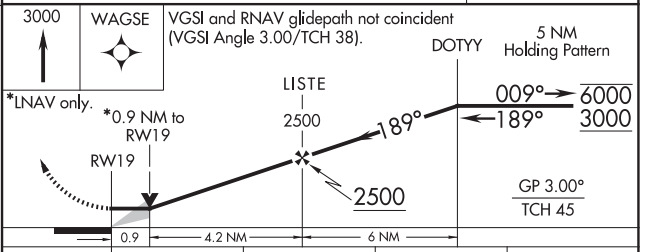


ELEV 803 TDZE 803



MIRL Rwy 1-19 L

REIL Rwys 1 and 19 L



CATEGORY	A	B	C	D
LPV DA	1095-1 292 (300-1)			
LNAV/ VNAV DA	1142-1¼ 339 (400-1¼)			
LNAV MDA	1140-1 337 (400-1)			
CIRCLING	1240-1 437 (500-1)	1480-1 677 (700-1)	1480-2 677 (700-2)	1540-2¼ 737 (800-2¼)

EC-2, 12 JUN 2025 to 07 AUG 2025

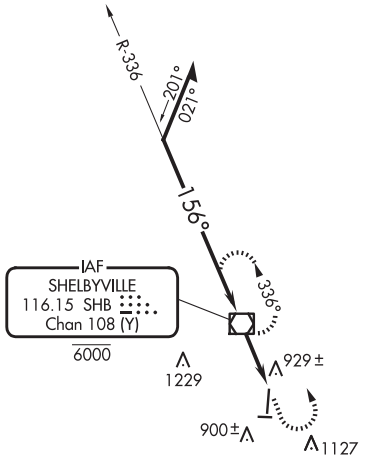
VOR/DME SHB	APP CRS	Rwy Idg	5000
116.15	156°	TDZE	803
Chan 108 (Y)		Apt Elev	803

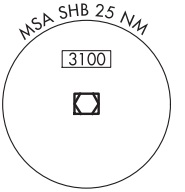
VOR RWY 19
SHELBYVILLE MUNI (GEZ)

Circling Rwy 9, 27 NA at night.

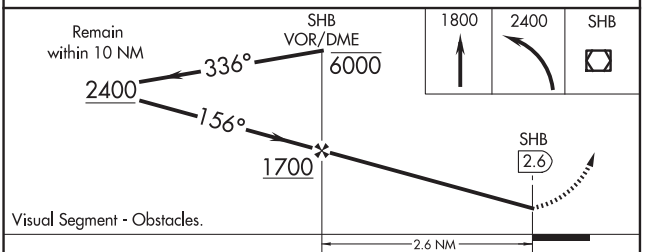
MISSED APPROACH: Climb to 1800 then climbing left turn to 2400 direct SHB VOR/DME and hold.

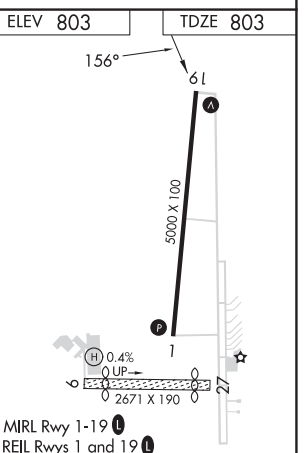
ASOS	INDIANAPOLIS APP CON	UNICOM
121.55	127.15 317.8	122.8 (CTAF) L





2002





CATEGORY	A	B	C	D
S-19	1180-1 377 (400-1)			1180-1¼ 377 (400-1¼)
CIRCLING	1240-1 437 (500-1)	1480-1 677 (700-1)	1480-2 677 (700-2)	1540-2¼ 737 (800-2¼)

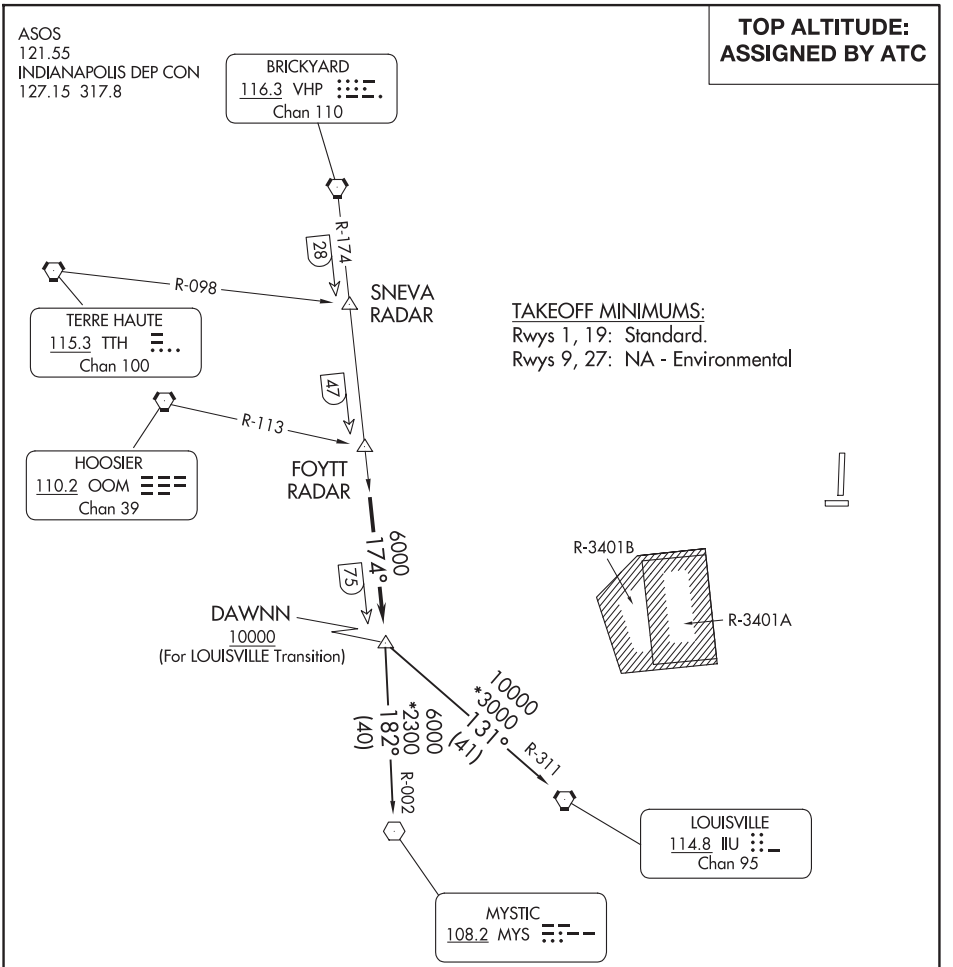
FAF to MAP 2.6 NM

Knots	60	90	120	150	180
Min:Sec	2:36	1:44	1:18	1:02	0:52

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

(DAWNN1.DAWNN) 23334
DAWNN ONE DEPARTURE
AL-5514 (FAA)

SHELBYVILLE MUNI (GEZ)
SHELBYVILLE, INDIANA



NOTE: RADAR required.
NOTE: Select appropriate localizer/DME frequency/channel prior to departure.
NOTE: Turbojets accelerate to 250K until reaching 10000, if unable advise ATC.
NOTE: Assigned to aircraft with a requested altitude of 11000 or above.

(NARRATIVE ON FOLLOWING PAGE)

NOTE: Chart not to scale.

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

DEPARTURE ROUTE DESCRIPTION

DEPARTING ALL OTHER AUTHORIZED RUNWAYS/AIRPORTS: Climb on assigned heading to assigned altitude. Thence....

....on RADAR vectors to join VHP R-174 to DAWNN INT then on transition or assigned route. Expect clearance to requested altitude ten minutes after departure.

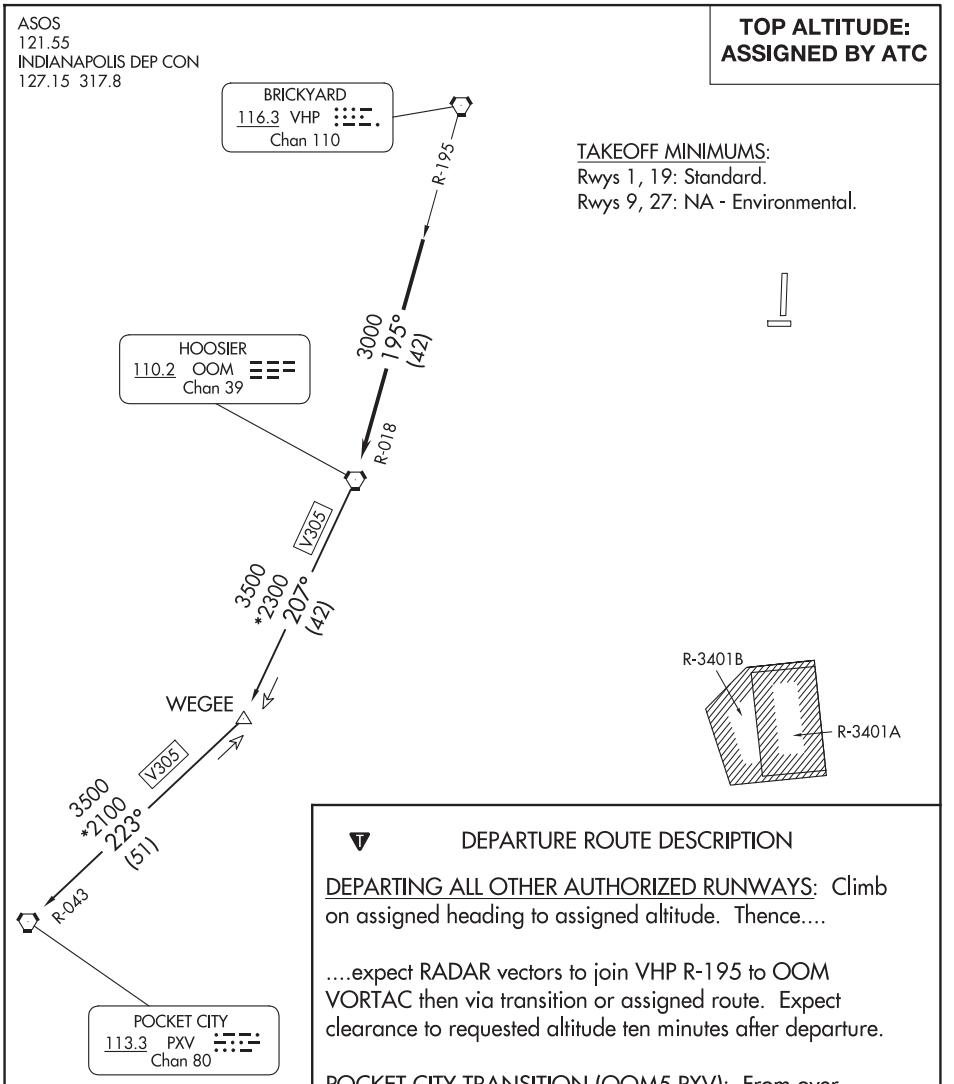
LOUISVILLE TRANSITION (DAWNN1.IIU): From over DAWNN INT on IIU R-311 to IIU VORTAC.
MYSTIC TRANSITION (DAWNN1.MYS): From over DAWNN INT on MYS R-002 to MYS VOR.

EC-2, 12 JUN 2025 to 07 AUG 2025

(OOM5.OOM) 23334
HOOSIER FIVE DEPARTURE

AL-5514 (FAA)

SHELBYVILLE MUNI (GEZ)
SHELBYVILLE, INDIANA



DEPARTURE ROUTE DESCRIPTION

DEPARTING ALL OTHER AUTHORIZED RUNWAYS: Climb on assigned heading to assigned altitude. Thence....

....expect RADAR vectors to join VHP R-195 to OOM VORTAC then via transition or assigned route. Expect clearance to requested altitude ten minutes after departure.

POCKET CITY TRANSITION (OOM5.PXV): From over OOM VORTAC via OOM R-207 to WEGEE, then via PXV R-043 to PXV VORTAC.

NOTE: RADAR required.
NOTE: Select appropriate localizer/DME frequency/channel prior to departure.
NOTE: Turbojets accelerate to 250K until reaching 10000, if unable advise ATC.
NOTE: Assigned to aircraft with a requested altitude of 11000 or above.

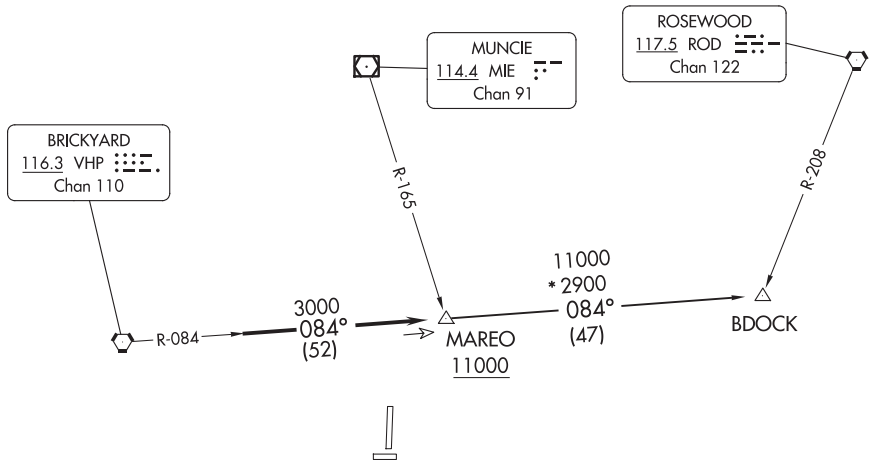
NOTE: Chart not to scale.

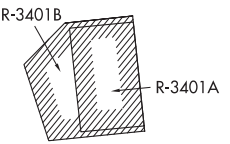
EC-2, 12 JUN 2025 to 07 AUG 2025

ASOS
121.55
INDIANAPOLIS DEP CON
127.15 317.8

TOP ALTITUDE: ASSIGNED BY ATC

TAKEOFF MINIMUMS
Rwys 1, 19: Standard.
Rwys 9, 27: NA - Environmental.





NOTE: RADAR required.
NOTE: Select appropriate localizer/DME frequency/channel prior to departure.
NOTE: Turbojets accelerate to 250K until reaching 10000, if unable advise ATC.
NOTE: Assigned to aircraft with a requested altitude of 11000 or above.

NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

DEPARTING ALL OTHER AUTHORIZED RUNWAYS: Climb on assigned heading to assigned altitude. Thence....

....expect RADAR vectors to join VHP R-084 to MAREO INT then via transition or assigned route. Expect clearance to requested altitude ten minutes after departure.

BDOCK TRANSITION (MAREO5.BDOCK): From over MAREO INT via VHP R-084 to BDOCK INT.

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

(MEARZ7.MEARZ) 23334
MEARZ SEVEN DEPARTURE

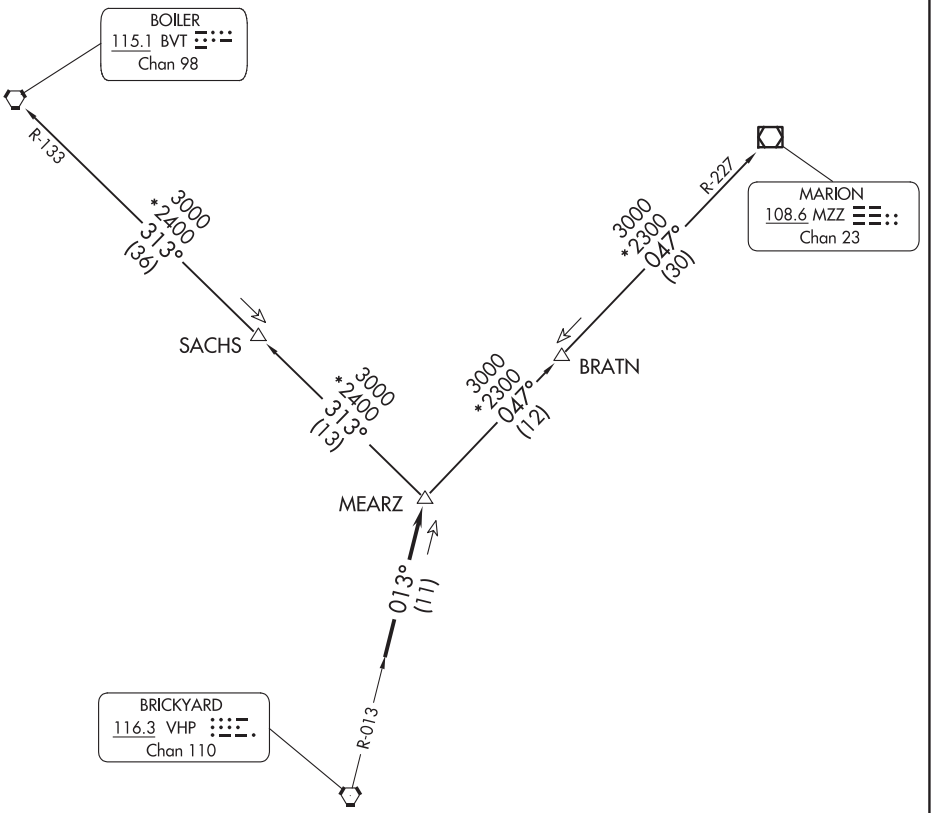
AL-5514 (FAA)

SHELBYVILLE MUNI (GEZ)
SHELBYVILLE, INDIANA

TOP ALTITUDE: ASSIGNED BY ATC

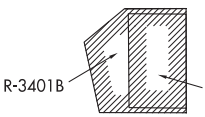
RADAR required.

ASOS
121.55
INDIANAPOLIS DEP CON
127.15 317.8



TAKEOFF MINIMUMS
Rwy 1, 19: Standard.
Rwy 9, 27: NA - Environmental

NOTE: Turbojets accelerate to 250K until reaching 10000, if unable advise ATC.
NOTE: Assigned to aircraft with a requested altitude of 11000 or above.
NOTE: Select appropriate localizer/DME frequency/channel prior to departure.



NOTE: Chart not to scale.

(NARRATIVE ON FOLLOWING PAGE)

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

DEPARTURE ROUTE DESCRIPTION

DEPARTING ALL OTHER AUTHORIZED RUNWAYS: Climb on assigned heading to assigned altitude. Thence....

....expect RADAR vectors to join VHP R-013 to MEARZ then on transition or assigned route. Expect clearance to requested altitude ten minutes after departure.

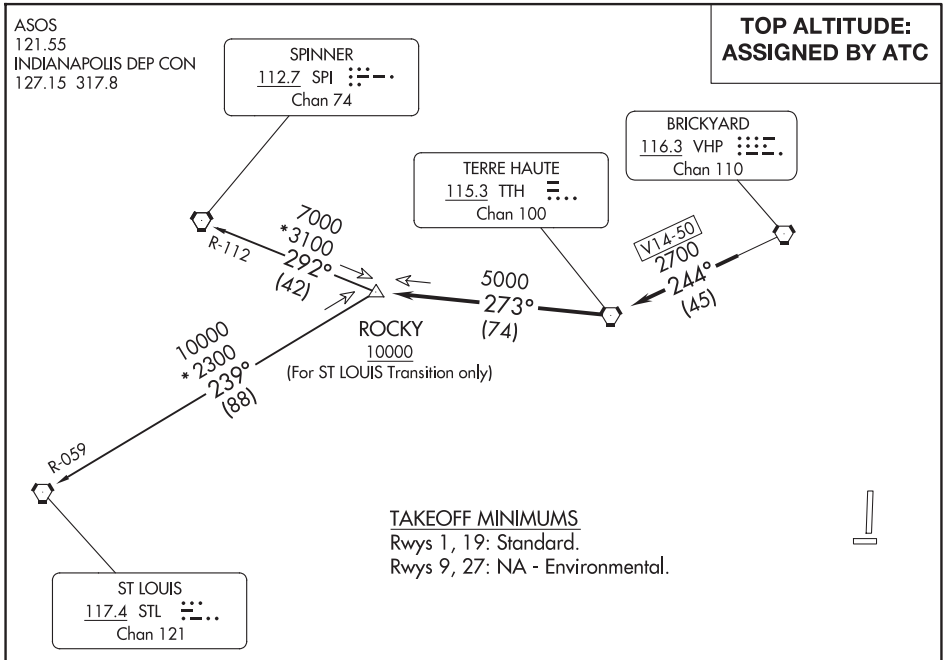
BOILER TRANSITION (MEARZ7.BVT): From over MEARZ on BVT R-133 to BVT VORTAC.
MARION TRANSITION (MEARZ7.MZZ): From over MEARZ on MZZ R-227 to MZZ VOR/DME.

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

(ROCKY1.ROCKY) 23334
ROCKY ONE DEPARTURE

AL-5514 (FAA)

SHELBYVILLE MUNI (GEZ)
SHELBYVILLE, INDIANA



NOTE: RADAR required.
NOTE: Select appropriate localizer/DME frequency/channel prior to departure.
NOTE: Turbojets accelerate to 250K until reaching 10000, if unable advise ATC.
NOTE: Assigned to aircraft with a requested altitude of 11000 or above.

NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

DEPARTING ALL OTHER AUTHORIZED RUNWAYS: Climb on assigned heading to assigned altitude. Thence . . . .

. . . . expect RADAR vectors to join VHP R-244 to TTH VORTAC, then via TTH R-273 to ROCKY INT then via transition or assigned route. Expect clearance to requested altitude ten minutes after departure.

SPINNER TRANSITION (ROCKY1.SPI): From over ROCKY INT on SPI R-112 to SPI VORTAC.
ST LOUIS TRANSITION (ROCKY1.STL): From over ROCKY INT on STL R-059 to STL VORTAC.

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

RNAV (GPS) RWY 5

SHERIDAN (5I4)

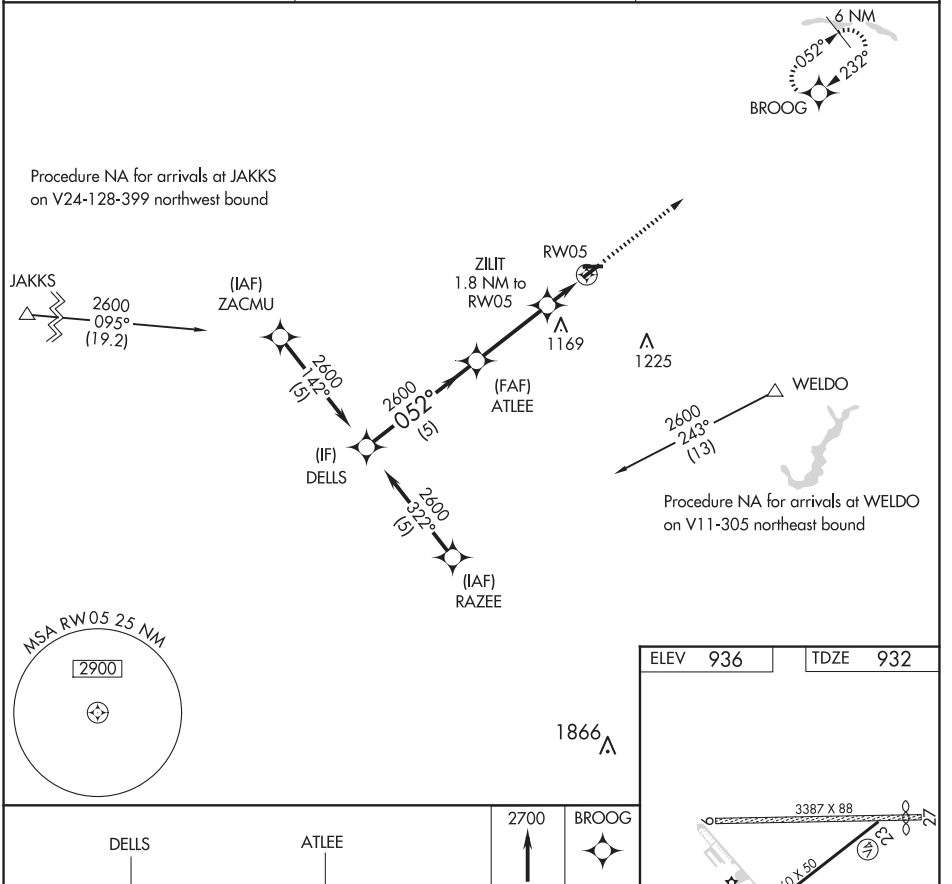
APP CRS	Rwy Idg	3110
052°	TDZE	932
	Apt Elev	936

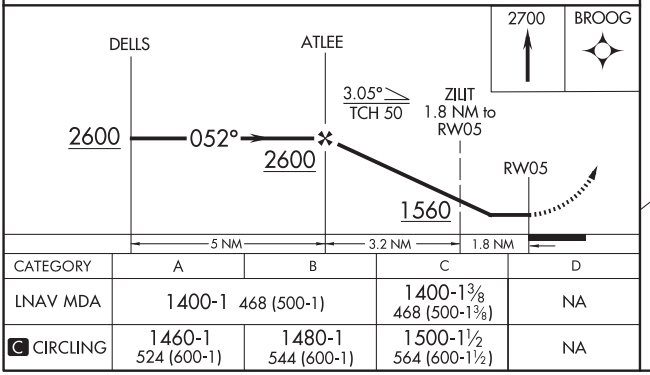
RNP APCH.

A NA — Circling NA to Rwys 9 and 27. Procedure NA at night. Rwy 5 helicopter visibility reduction below 1 SM NA. Use Indianapolis Exec altimeter setting.

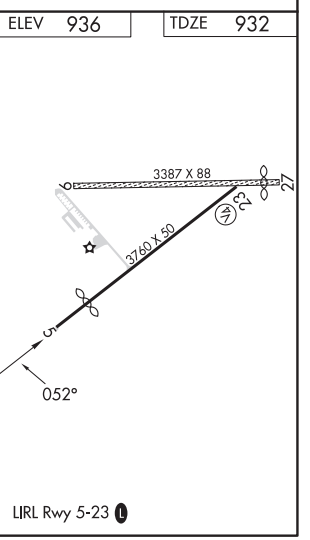
MISSED APPROACH: Climb to 2700 direct BROOG and hold.

TYQ AWOS-3PT	INDIANAPOLIS APP CON	UNICOM
120.725	124.65 317.8	123.075 (CTAF) L





CATEGORY	A	B	C	D
LNAV MDA	1400-1 468 (500-1)		1400-1⅜ 468 (500-1⅜)	NA
C CIRCLING	1460-1 524 (600-1)	1480-1 544 (600-1)	1500-1½ 564 (600-1½)	NA



EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

SHERIDAN, INDIANA

AL-6252 (FAA)

23278

RNAV (GPS) RWY 23

SHERIDAN (5I4)

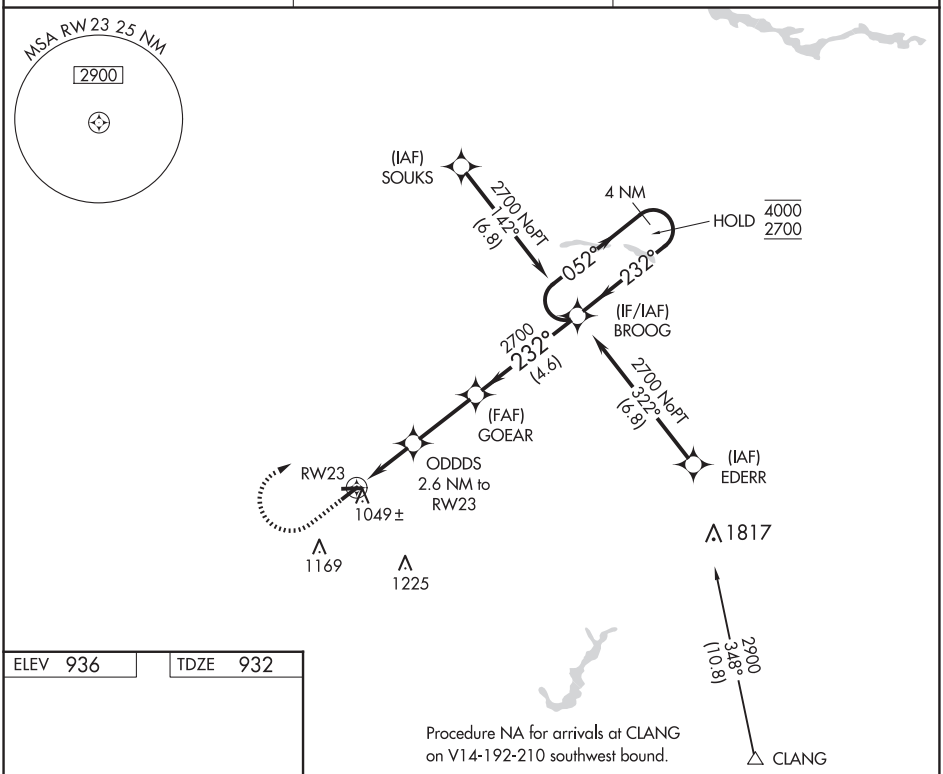
APP CRS	Rwy Idg	3760
232°	TDZE	932
	Apt Elev	936

RNP APCH - GPS.

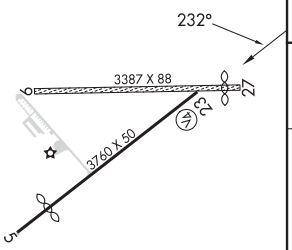
A NA Circling NA to Rwys 9 and 27. Procedure NA at night. Rwy 23 helicopter visibility reduction below 1 SM NA. Use Indianapolis Exec altimeter setting.

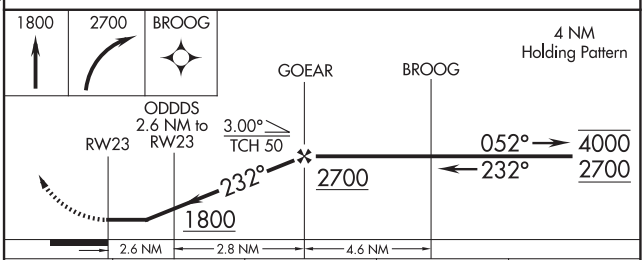
MISSED APPROACH: Climb to 1800 then climbing right turn to 2700 direct BROOG and hold.

TYQ AWOS-3PT	INDIANAPOLIS APP CON	UNICOM
120.725	124.65 317.8	123.075 (CTAF) L



ELEV 936	TDZE 932





CATEGORY	A	B	C	D
LNAV MDA	1340-1 408 (500-1)		1340-1⅛ 408 (500-1⅛)	NA
C CIRCLING	1400-1 464 (500-1)	1420-1 484 (500-1)	1500-1½ 564 (600-1½)	NA

LIRL Rwy 5-23 L

SHERIDAN, INDIANA
Amdt 1 19MAY22

40°11′N-86°13′W

SHERIDAN (5I4)

RNAV (GPS) RWY 23

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

RNAV (GPS) RWY 10

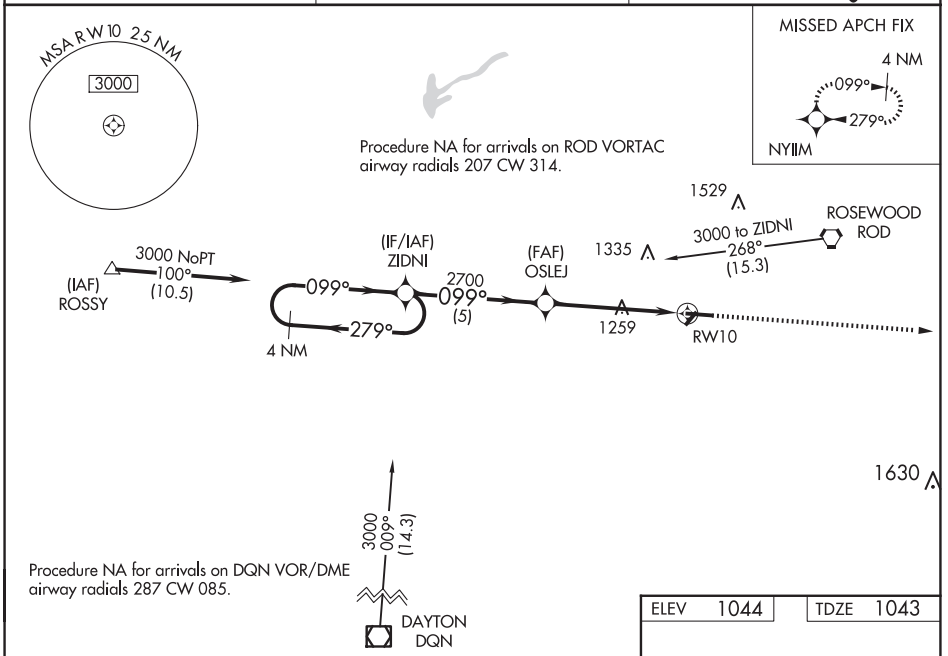
SIDNEY MUNI (SCA)

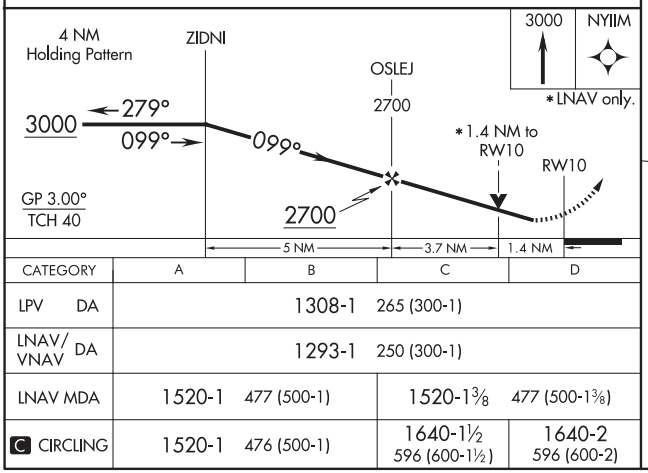
WAAS	APP CRS		
CH 77934	099°	Rwy Idg	5013
W10A		TDZE	1043
		Apt Elev	1044

T NA For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -22°C (-7°F) or above 54°C (130°F). DME/DME RNP-0.3 NA. Helicopter visibility reduction below ¾ SM NA. Baro-VNAV and VDP NA when using James M Cox Dayton Intl altimeter setting. Night Landing: Rwy 28 operational VGSI required, remain on or above VGSI glidepath until threshold. When local altimeter setting not received, use James M Cox Dayton Intl altimeter setting and increase all DA 53 feet and all MDA 60 feet; increase LPV all Cats and LNAV Cats C/D visibility ⅛ mile and Circling Cat C visibility ¼ mile.

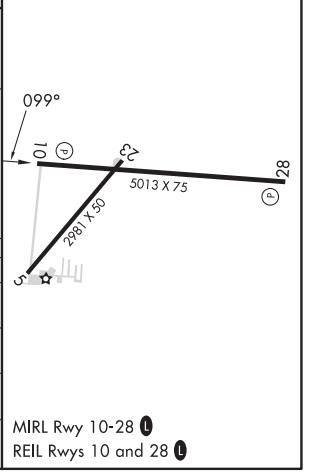
MISSED APPROACH: Climb to 3000 direct NYIIM and hold.

AWOS-3	COLUMBUS APP CON	UNICOM
120.425	134.45 294.5	123.05 (CTAF) L





CATEGORY	A	B	C	D
LPV DA	1308-1	265 (300-1)		
LNAV/VNAV DA	1293-1	250 (300-1)		
LNAV MDA	1520-1	477 (500-1)	1520-1⅜	477 (500-1⅜)
C CIRCLING	1520-1	476 (500-1)	1640-1½	1640-2
			596 (600-1½)	596 (600-2)



MIRL Rwy 10-28 L
REIL Rwys 10 and 28 L

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

SIDNEY, OHIO AL-5047 (FAA) 24137

WAAS	APP CRS	Rwy Idg	5013
CH 82234	279°	TDZE	1044
W28A		Apt Elev	1044

RNAV (GPS) RWY 28

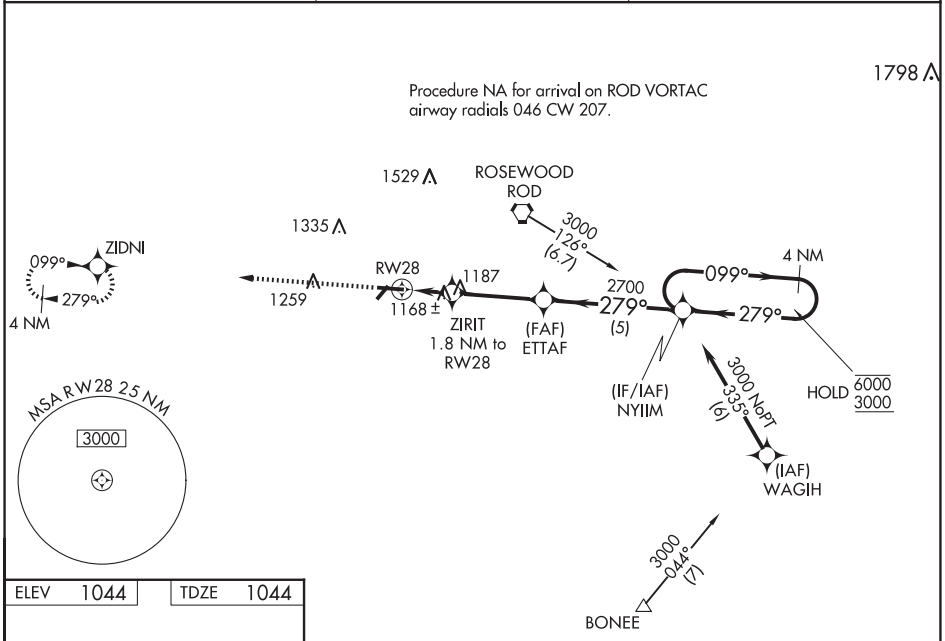
SIDNEY MUNI (SCA)

RNP APCH.

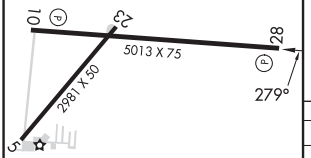
T A NA Rwy 28 helicopter visibility reduction below 1 SM NA. Baro-VNAV NA when using James M. Cox Dayton Intl altimeter setting. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -22°C or above 54°C. When local altimeter setting not received, use James M. Cox Dayton Intl altimeter setting: increase LPV DA to 1355; increase LNAV/VNAV DA to 1365; increase all MDA 60 feet and LNAV Cat C visibility and Circling Cat C visibility ¼ SM. Straight-in Rwy 28 at night, operational VGSI required, remain at or above VGSI glidepath until threshold.

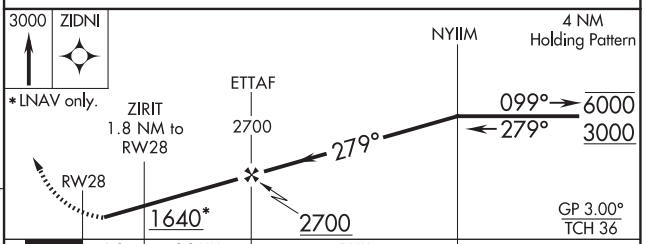
MISSED APPROACH: Climb to 3000 direct ZIDNI and hold.

AWOS-3	COLUMBUS APP CON	UNICOM
120.425	134.45 294.5	123.05 (CTAF) L



ELEV 1044	TDZE 1044





CATEGORY	A	B	C	D
LPV DA	1302-1 258 (300-1)			NA
LNAV/VNAV DA	1312-1 268 (300-1)			NA
LNAV MDA	1420-1 376 (400-1)			NA
C CIRCLING	1460-1 416 (500-1)	1520-1 476 (500-1)	1640-1½ 596 (600-1½)	NA

MIRL Rwy 10-28 L
REIL Rwys 10 and 28 L

SIDNEY, OHIO
Amdt 1A 13SEP18

40°14'N-84°09'W

SIDNEY MUNI (SCA)

RNAV (GPS) RWY 28

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

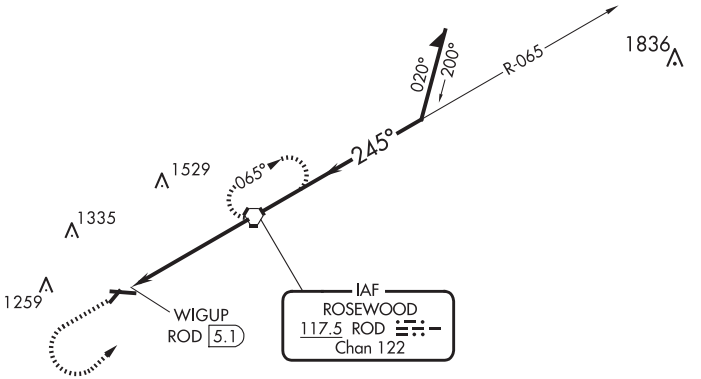
VORTAC ROD	APP CRS	Rwy Idg	N/A
117.5	245°	TDZE	N/A
Chan 122		Apt Elev	1044

VOR-A
SIDNEY MUNI (SCA)

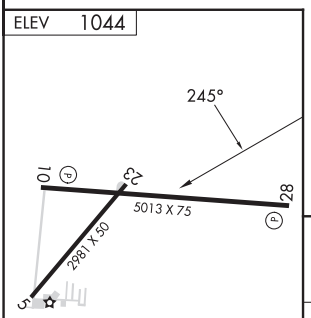
When local altimeter setting not received, use James M Cox Dayton Intl altimeter setting and increase all MDAs 60 feet and increase Cat C visibility ¼ mile. Night Landing: Rwy 28 operational VGSI required, remain on or above VGSI glidepath until threshold. Helicopter visibility reduction below 1 SM NA.

MISSED APPROACH: Climb to 3000 then left turn direct ROD VORTAC and hold.

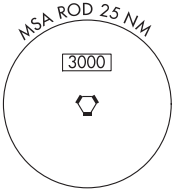
AWOS-3	COLUMBUS APP CON	UNICOM
120.425	134.45 294.5	123.05 (CTAF) L

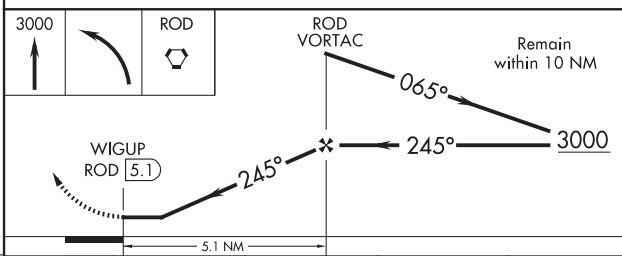


NoPT for arrivals on ROD Vortac airway radials 314 CW 088.



MIRL Rwy 10-28 L
REIL Rwys 10 and 28 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
C CIRCLING	1540-1	496 (500-1)	1640-1½ 596 (600-1½)	1640-2 596 (600-2)

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

ILS or LOC RWY 9R

SOUTH BEND INTL (SBN)

LOC I-UXW	APP CRS	Rwy Ldg	8412
109.3	094°	TDZE	790
		Apt Elev	798

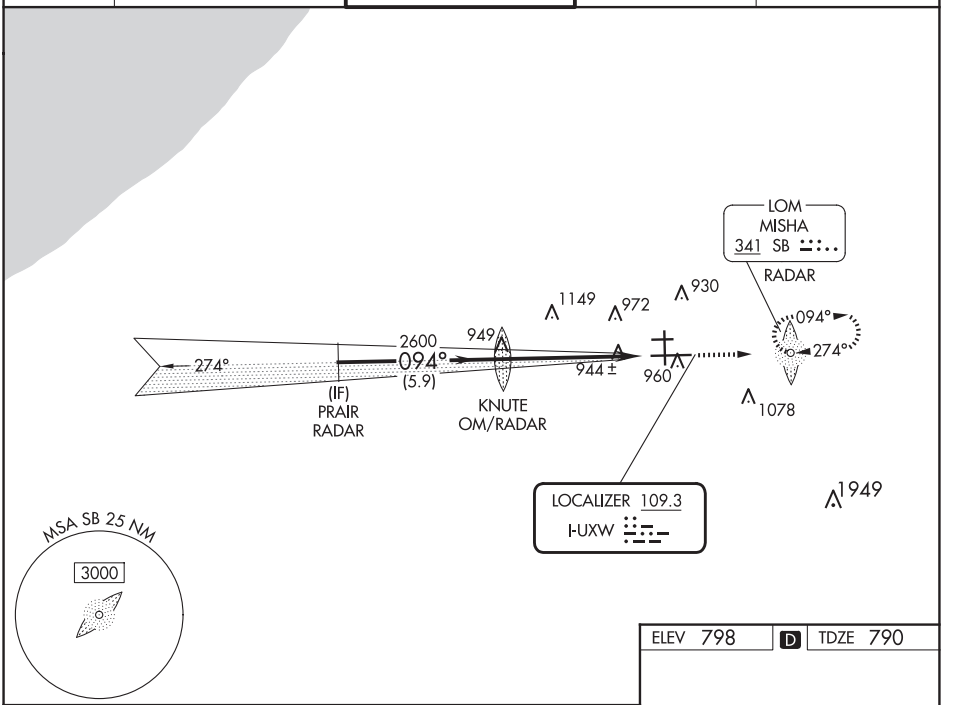
ADF and RADAR required.

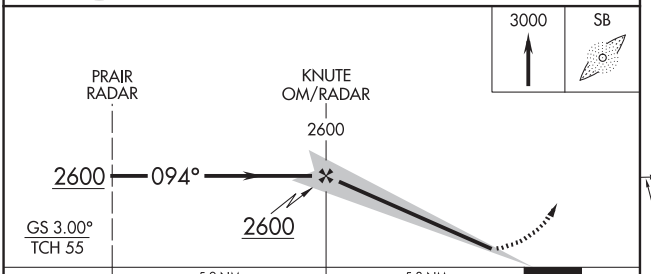
Rwy 9R helicopter visibility reduction below RVR 4000 NA. For inop ALS, increase S-ILS 9R visibility all Cats to RVR 5500, increase S-LOC 9R Cats C/D visibility to RVR 6000. Circling Rwy 27R NA at night.

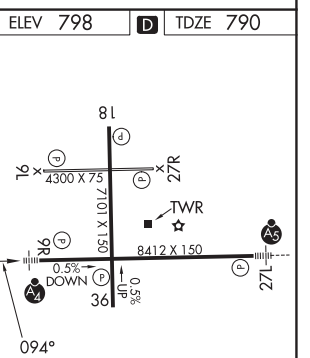
MALSF

MISSED APPROACH: Climb to 3000 direct MISHA LOM/RADAR and hold, continue climb-in-hold to 3000.

ATIS	SOUTH BEND APP CON ★	SOUTH BEND TOWER ★	GND CON	CLNC DEL
120.675	118.55 257.8	135.675 (CTAF) L 257.8	121.7	121.9







CATEGORY	A	B	C	D
S-ILS 9R	1135/40 345 (400-¾)			
S-LOC 9R	1200/40 410 (500-¾)		1200/50 410 (500-1)	
C CIRCLING	1280-1 482 (500-1)		1440-1¾ 642 (700-1¾)	1520-2¼ 722 (800-2¼)

HIRL Rwy 9R-27L L
MIRL Rwy 18-36 L
MIRL Rwy 9L-27R

FAF to MAP 5.3 NM

Knots	60	90	120	150	180
Min:Sec	5:18	3:32	2:39	2:07	1:46

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EC-2, 12 JUN 2025 to 07 AUG 2025

ILS or LOC RWY 27L

SOUTH BEND INTL (SBN)

LOC I-SBN	APP CRS	Rwy Ldg	8412
109.3	274°	TDZE	774
		Apt Elev	798

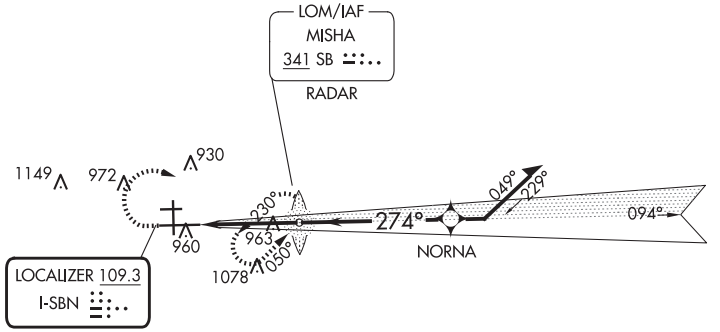
ADF and RADAR required.

Circling Rwy 27R NA at night.
* RVR 1800 authorized with use of FD or AP or HUD to DA.

MALSR

MISSED APPROACH: Climb to 1500 then climbing right turn to 3000 direct MISHA LOM/RADAR and hold, continue climb-in-hold to 3000.

ATIS	SOUTH BEND APP CON *	SOUTH BEND TOWER *	GND CON	CLNC DEL
120.675	118.55 257.8	135.675 (CTAF) L 257.8	121.7	121.9



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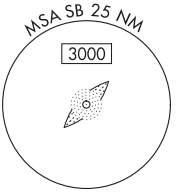
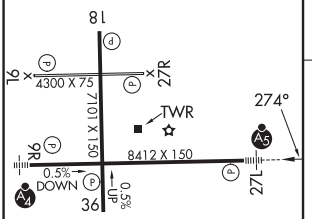
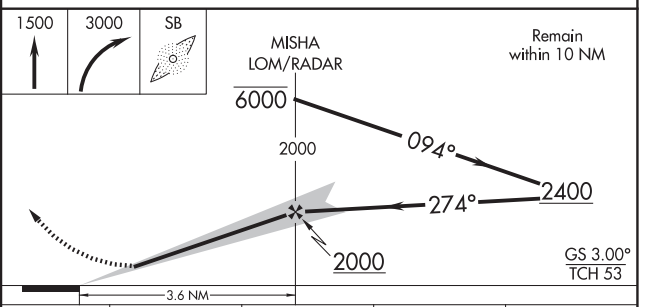


ELEV 798 D TDZE 774



HIRL Rwy 9R-27L L
MIRL Rwy 18-36 L
MIRL Rwy 9L-27R

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 27L *	974/24 200 (200-½)			
S-LOC 27L	1220/24 446 (500-½)		1220/45 446 (500-⅞)	
C CIRCLING	1280-1 482 (500-1)		1440-1¾ 642 (700-1¾)	1520-2¼ 722 (800-2¼)

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SOUTH BEND, INDIANA | AL-399 (FAA) | 25163

ILS RWY 27L (SA CAT I & II)

SOUTH BEND INTL (SBN)

LOC I-SBN	APP CRS	Rwy Ldg	8412
109.3	274°	TDZE	774
		Apt Elev	798

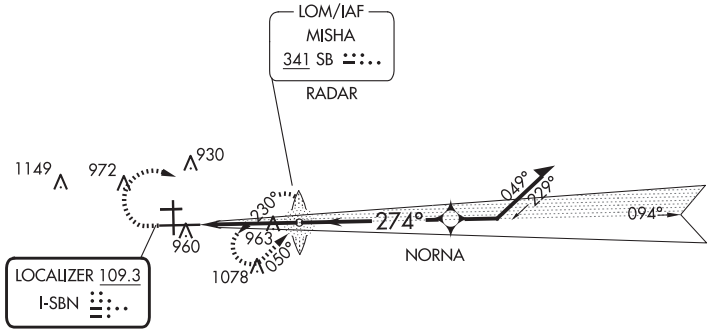
ADF and RADAR required.

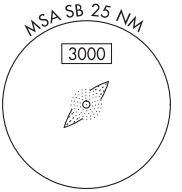
Procedure NA when tower closed. Requires specific OPSPEC, MSPEC, or LOA approval.

MALSR

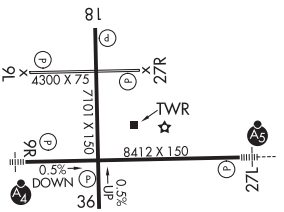
MISSED APPROACH: Climb to 1500 then climbing right turn to 3000 direct MISHA LOM/RADAR and hold, continue climb-in-hold to 3000.

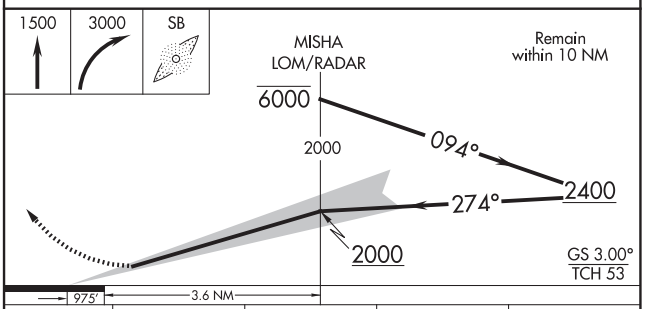
ATIS	SOUTH BEND APP CON ★	SOUTH BEND TOWER ★	GND CON	CLNC DEL
120.675	118.55 257.8	135.675 (CTAF) L 257.8	121.7	121.9





ELEV 798 D TDZE 774





CATEGORY	A	B	C	D
S-ILS 27L	SA CAT I	RA 209/14	150 DA 924	
S-ILS 27L	SA CAT II	RA 125/12	101 DA 875	

SA CATEGORY I & II - ILS SPECIAL AIRCREW & AIRCRAFT CERTIFICATION REQUIRED

HIRL Rwy 9R-27L L
MIRL Rwy 18-36 L
MIRL Rwy 9L-27R

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RNAV (GPS) RWY 9L

SOUTH BEND INTL (SBN)

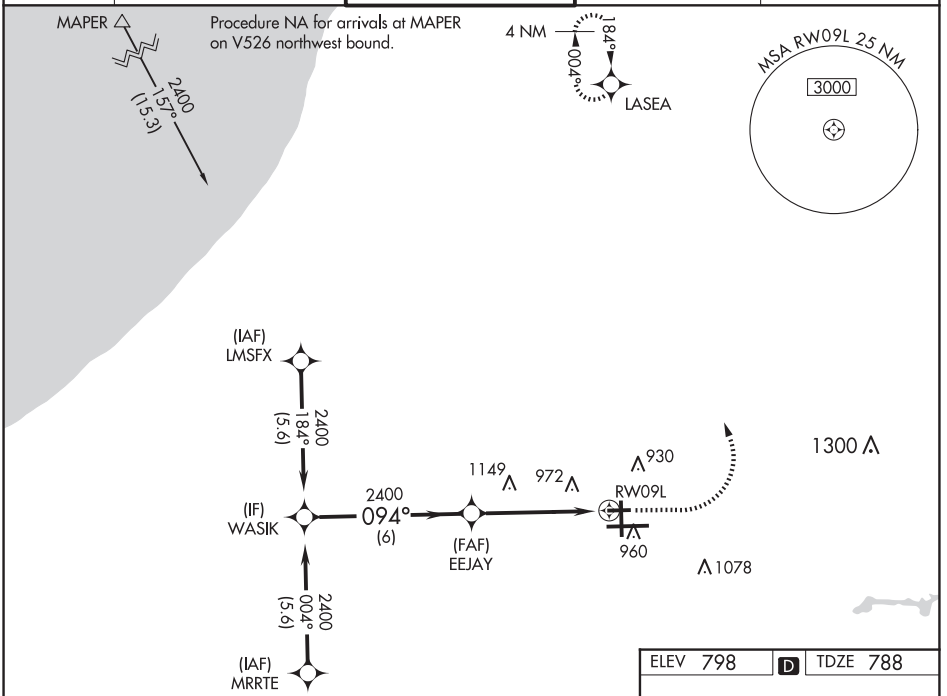
WAAS	APP CRS	Rwy Ldg	4300
CH 70542	094°	TDZE	788
W09A		Apt Elev	798

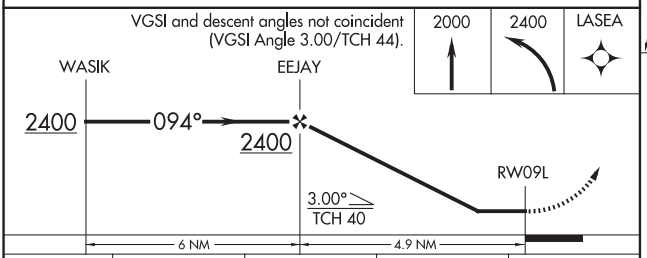
RNP APCH - GPS.

T A Rwy 9L helicopter visibility reduction below ¾ SM NA. Circling Rwy 27R NA at night.

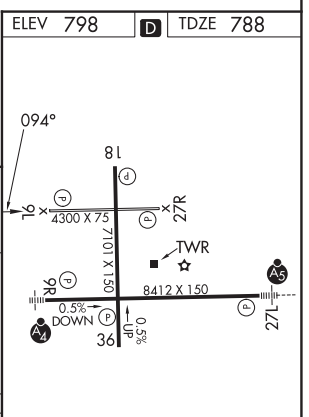
MISSED APPROACH: Climb to 2000 then climbing left turn to 2400 direct LASEA and hold.

ATIS	SOUTH BEND APP CON ★	SOUTH BEND TOWER ★	GND CON	CLNC DEL
120.675	118.55 257.8	135.675 (CTAF) L 257.8	121.7	121.9





CATEGORY	A	B	C	D
LP MDA	1240-1	452 (500-1)	1240-1⅜	452 (500-1⅜)
LNAV MDA	1240-1	452 (500-1)	1240-1⅜	452 (500-1⅜)
C CIRCLING	1280-1	482 (500-1)	1440-1¾ 642 (700-1¾)	1500-2¼ 702 (800-2¼)



HIRL Rwy 9R-27L L
MIRL Rwy 18-36 L
MIRL Rwy 9L-27R

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

RNAV (GPS) RWY 9R

SOUTH BEND INTL (SBN)

WAAS CH 60908 W09B	APP CRS 094°	Rwy Ldg 8412 TDZE 790 Apt Elev 798

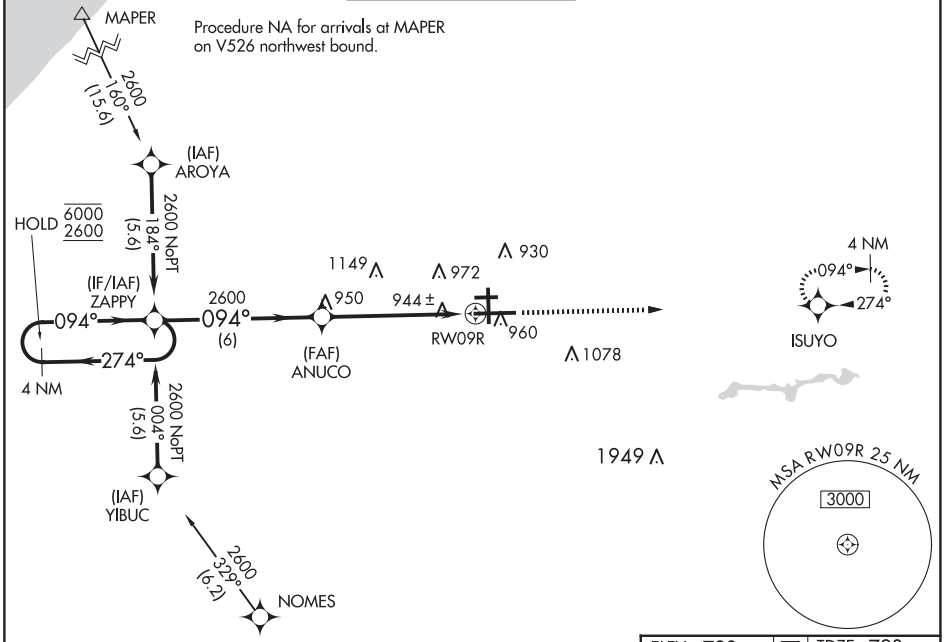
RNP APCH - GPS.

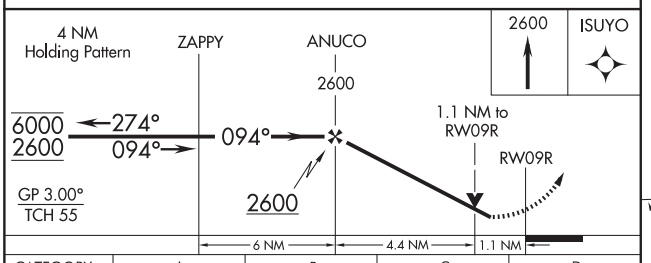
For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -19°C or above 54°C.
Circling Rwy 27R NA at night. Rwy 9R helicopter visibility reduction below RVR 4000 NA.
For inop ALS, increase LPV all Cats visibility to RVR 5500 and LNAV Cat C/D to RVR 6000.

MALSF

MISSED APPROACH: Climb to 2600 direct ISUYO and hold.

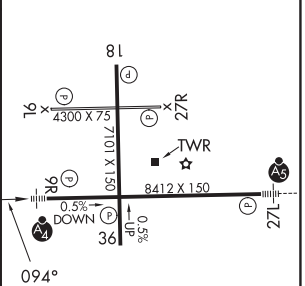
ATIS	SOUTH BEND APP CON ★	SOUTH BEND TOWER ★	GND CON	CLNC DEL
120.675	118.55 257.8	135.675 (CTAF) 257.8	121.7	121.9





CATEGORY	A	B	C	D
LPV DA	1135/40 345 (400-¾)			
LNAV/VNAV DA	1222/50 432 (500-1)			
LNAV MDA	1200/40 410 (500-¾)		1200/50 410 (500-1)	
C CIRCLING	1280-1 482 (500-1)		1440-1¾ 642 (700-1¾)	1500-2¼ 702 (800-2¼)

ELEV 798 D TDZE 790



HIRL Rwy 9R-27L
MIRL Rwy 18-36
MIRL Rwy 9L-27R

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

WAAS CH 73021 W18A	APP CRS 184°	Rwy Ldg 7101 TDZE 798 Apt Elev 798

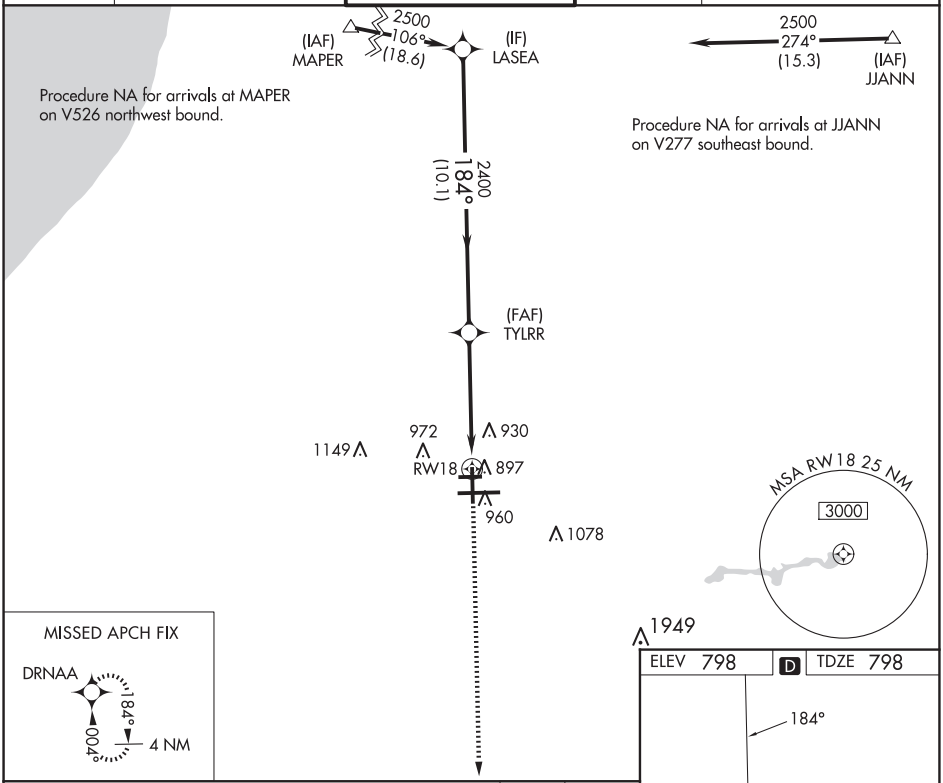
RNAV (GPS) RWY 18
SOUTH BEND INTL (SBN)

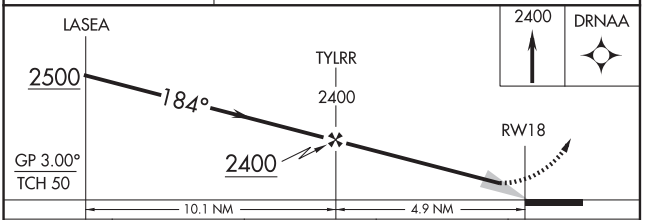
RNP APCH - GPS.

Circling to Rwy 27R NA at night. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -19°C or above 54°C.

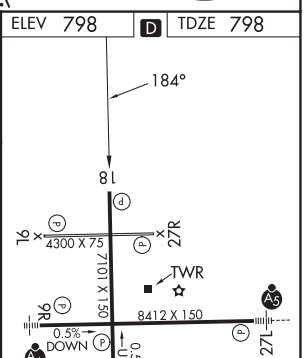
MISSED APPROACH: Climb to 2400 direct DRNAA and hold.

ATIS	SOUTH BEND APP CON ★	SOUTH BEND TOWER ★	GND CON	CLNC DEL
120.675	118.55 257.8	135.675 (CTAF) L 257.8	121.7	121.9





CATEGORY	A	B	C	D
LPV DA		1048-¾	250 (300-¾)	
LNAV/VNAV DA		1057-¾	259 (300-¾)	
LNAV MDA		1160-1	362 (400-1)	
C CIRCLING	1280-1 482 (500-1)		1440-1¾ 642 (700-1¾)	1500-2¼ 702 (800-2¼)



EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

SOUTH BEND, INDIANA | AL-399 (FAA) | 25163

RNAV (GPS) RWY 27L
SOUTH BEND INTL (SBN)

WAAS	APP CRS	Rwy Ldg	8412
CH 50108	274°	TDZE	774
W27A		Apt Elev	798

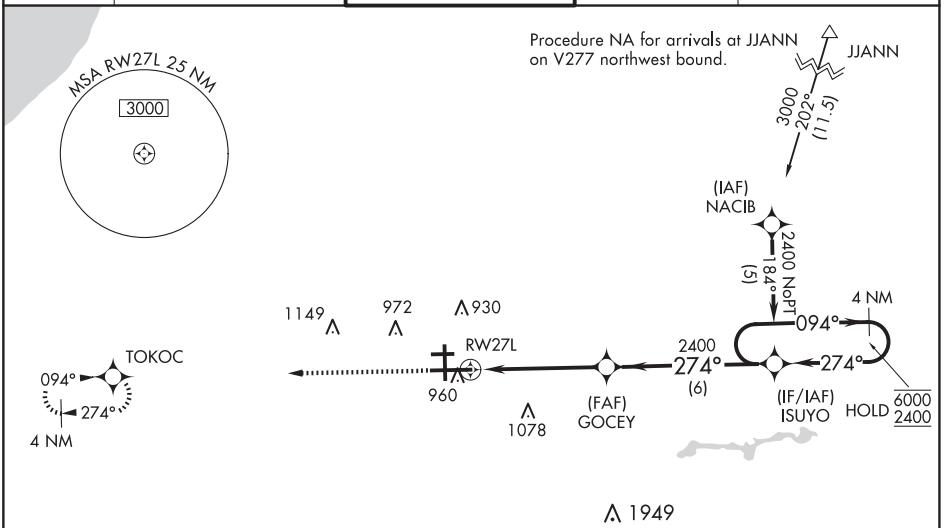
RNP APCH - GPS.

V A For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -19°C or above 54°C. Circling to Rwy 27R NA at night. For inop ALS, increase LNAV Cat C/D visibility to 1⅜ SM.

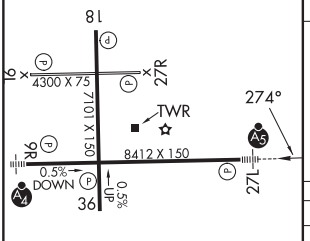
MALSR

MISSED APPROACH: Climb to 2600 direct TOKOC and hold.

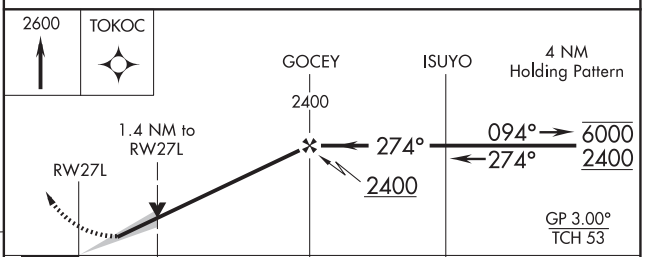
ATIS	SOUTH BEND APP CON ★	SOUTH BEND TOWER ★	GND CON	CLNC DEL
120.675	118.55 257.8	135.675 (CTAF) L 257.8	121.7	121.9



ELEV 798 D TDZE 774



HIRL Rwy 9R-27L L
MIRL Rwy 18-36 L
MIRL Rwy 9L-27R



CATEGORY	A	B	C	D
LPV DA	1030/24 256 (300-½)			
LNAV/VNAV DA	1160/40 386 (400-¾)			
LNAV MDA	1260/24 486 (500-½)		1260/50 486 (500-1)	
C CIRCLING	1280-1 482 (500-1)		1440-1¾ 642 (700-1¾)	1520-2¼ 722 (800-2¼)

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

RNAV (GPS) RWY 27R

SOUTH BEND INTL (SBN)

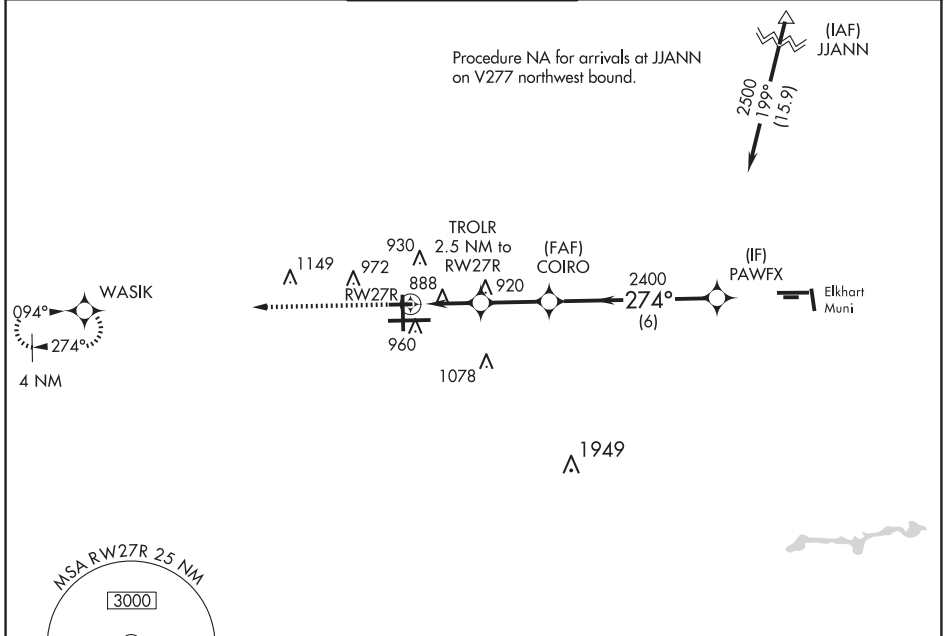
WAAS	APP CRS	Rwy Ldg	4300
CH 86542	274°	TDZE	788
W27B		Apt Elev	798

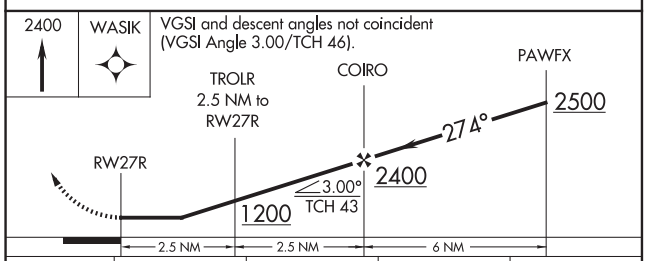
RNP APCH - GPS.

Rwy 27R helicopter visibility reduction below 1 SM NA.
Procedure NA at night.

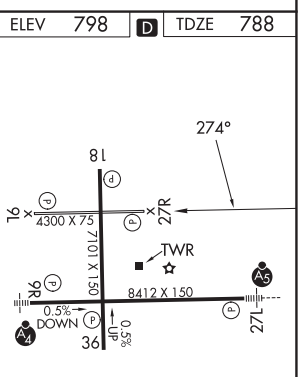
MISSED APPROACH: Climb to 2400 direct WASIK and hold.

ATIS	SOUTH BEND APP CON★	SOUTH BEND TOWER★	GND CON	CLNC DEL
120.675	118.55 257.8	135.675 (CTAF) L 257.8	121.7	121.9





CATEGORY	A	B	C	D
LP MDA	1140-1 352 (400-1)			
LNAV MDA	1180-1 392 (400-1)		1180-1⅛ 392 (400-1⅛)	
C CIRCLING	1280-1 482 (500-1)		1440-1¾ 642 (700-1¾)	1520-2¼ 722 (800-2¼)



HIRL Rwy 9R-27L L
MIRL Rwy 18-36 L
MIRL Rwy 9L-27R

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

SOUTH BEND, INDIANA | AL-399 (FAA) | 25163

RNAV (GPS) RWY 36

SOUTH BEND INTL (SBN)

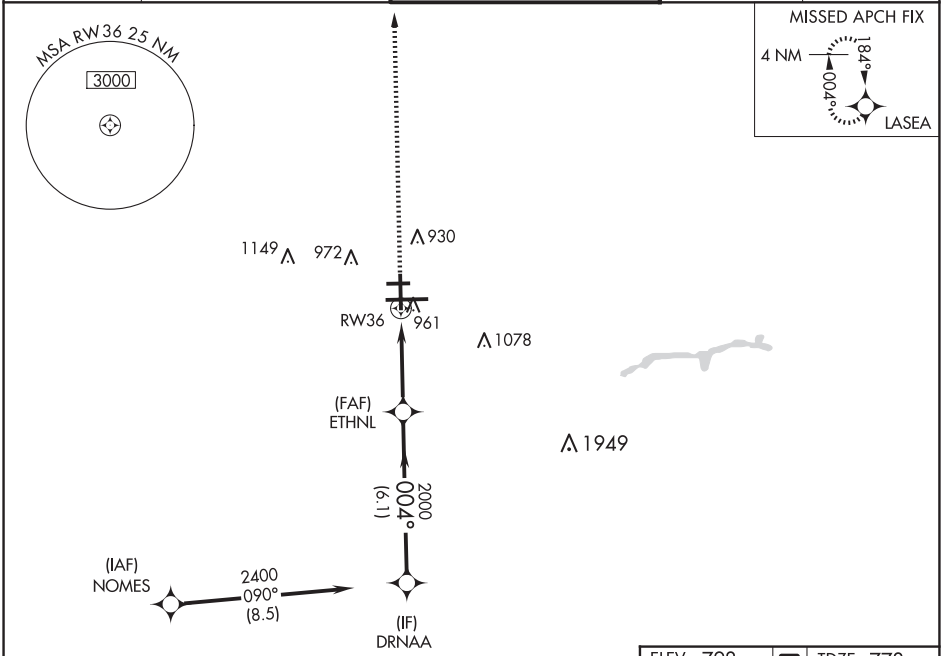
WAAS CH 69514 W36A	APP CRS 004°	Rwy Ldg 7101 / TDZE 778 / Apt Elev 798

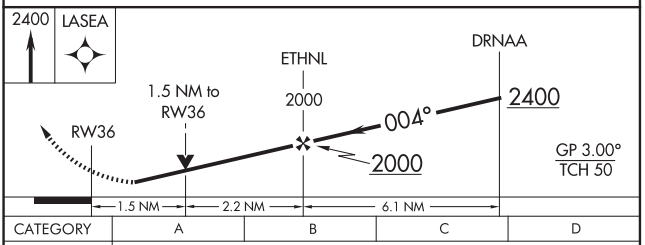
RNP APCH - GPS.

T Circling Rwy 27R NA at night. Rwy 36 helicopter visibility reduction below ¾ SM NA.
A For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -22°C or above 54°C.

MISSED APPROACH: Climb to 2400 direct LASEA and hold.

ATIS	SOUTH BEND APP CON★	SOUTH BEND TOWER★	GND CON	CLNC DEL
120.675	118.55 257.8	135.675 (CTAF) L 257.8	121.7	121.9

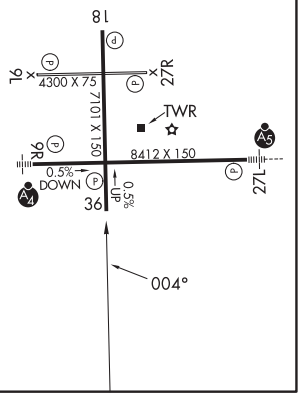




CATEGORY	A	B	C	D
LPV DA	1051-⅞ 273 (300-⅞)			
LNAV/VNAV DA	1230-1⅜ 452 (500-1⅜)			
LNAV MDA	1280-1 502 (500-1)		1280-1⅜ 502 (500-1⅜)	
C CIRCLING	1280-1 482 (500-1)		1440-1¾ 642 (700-1¾)	1520-2¼ 722 (800-2¼)

ELEV 798 D TDZE 778

HIRL Rwy 9R-27L L
MIRL Rwy 18-36 L
MIRL Rwy 9L-27R



EC-2, 12 JUN 2025 to 07 AUG 2025

EC-2, 12 JUN 2025 to 07 AUG 2025

VOR RWY 18

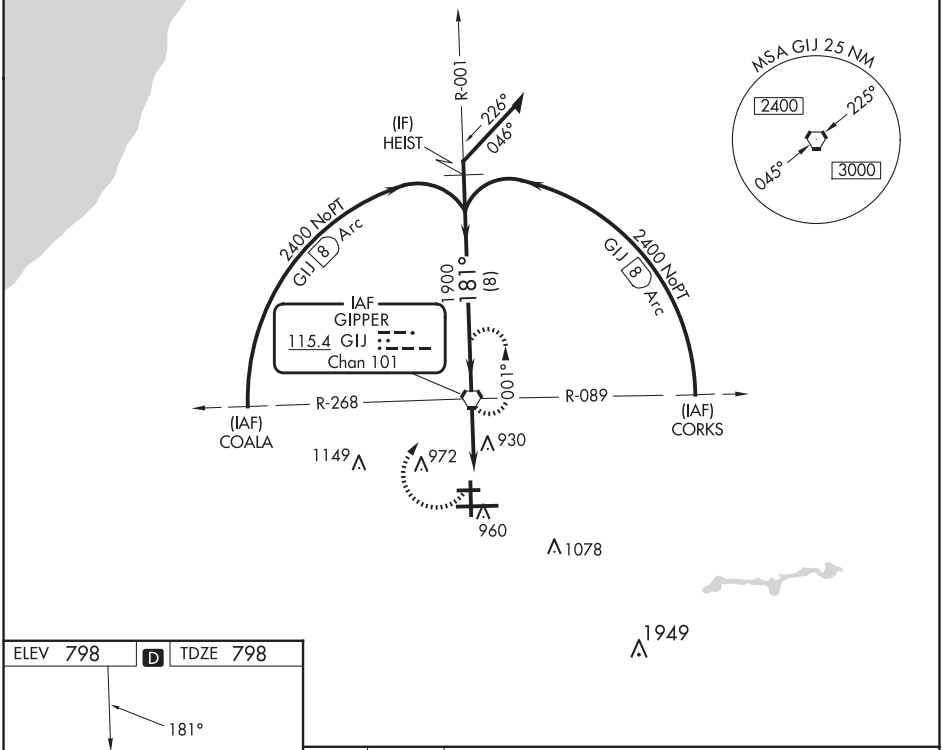
SOUTH BEND INTL (SBN)

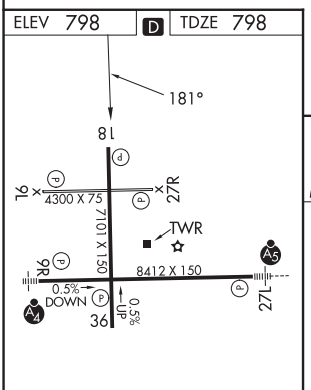
VORTAC GIJ	APP CRS	Rwy Ldg 7101
115.4	181°	TDZE 798
Chan 101		Apt Elev 798

Circling Rwy 27R NA at night.

MISSED APPROACH: Climbing right turn to 2400 direct GIJ VORTAC and hold.

ATIS	SOUTH BEND APP CON ★	SOUTH BEND TOWER ★	GND CON	CLNC DEL
120.675	118.55 257.8	135.675 (CTAF) L 257.8	121.7	121.9

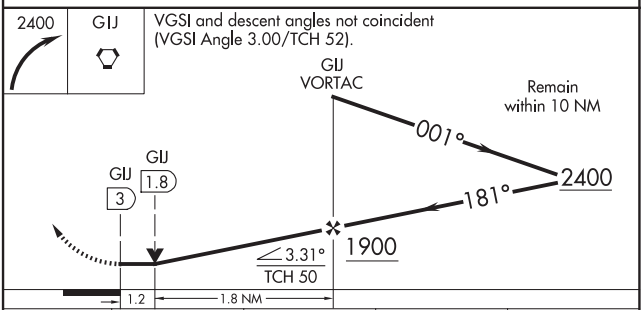




HIRL Rwy 9R-27L L
MIRL Rwy 18-36 L
MIRL Rwy 9L-27R

FAF to MAP 3 NM

Knots	60	90	120	150	180
Min:Sec	3:00	2:00	1:30	1:12	1:00



CATEGORY	A	B	C	D
S-18	1260-1 462 (500-1)		1260-1⅜ 462 (500-1⅜)	1260-1½ 462 (500-1½)
C CIRCLING	1280-1 482 (500-1)		1440-1¾ 642 (700-1¾)	1500-2¼ 702 (800-2¼)

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EC-2, 12 JUN 2025 to 07 AUG 2025

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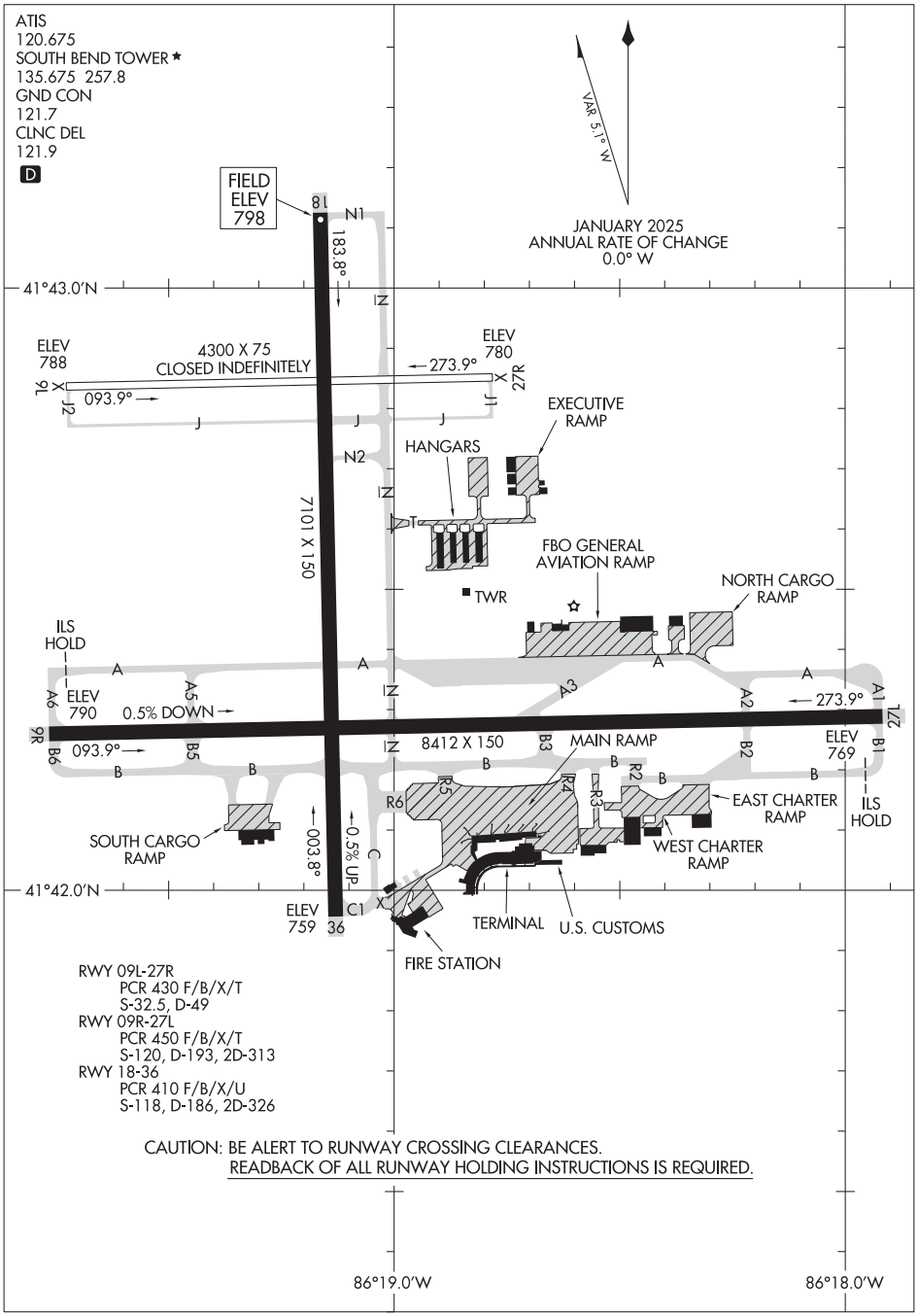
AIRPORT DIAGRAM

AL-399 (FAA)

SOUTH BEND INTL (SBN)
SOUTH BEND, INDIANA



RWY 09L-27R
PCR 430 F/B/X/T
S-32.5, D-49
RWY 09R-27L
PCR 450 F/B/X/T
S-120, D-193, 2D-313
RWY 18-36
PCR 410 F/B/X/U
S-118, D-186, 2D-326

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

AIRPORT DIAGRAM

25163

SOUTH BEND, INDIANA
SOUTH BEND INTL (SBN)

EC-2, 12 JUN 2025 to 07 AUG 2025

EC-2, 12 JUN 2025 to 07 AUG 2025

RNAV (GPS) RWY 6

SPRINGFIELD/BECKLEY MUNI (SGH)

WAAS CH 58115 W06A	APP CRS 058°	Rwy Idg 9009 / TDZE 1051 / Apt Elev 1051

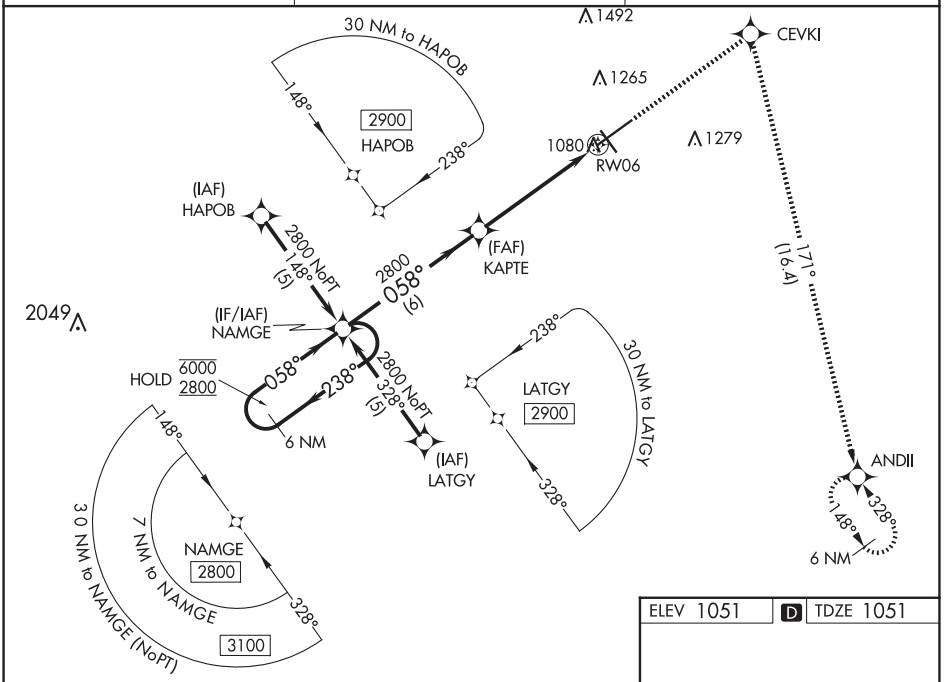
RNP APCH - GPS

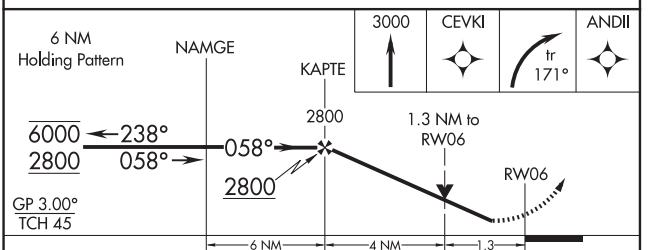
T A

Rwy 6 helicopter visibility reduction below ¾ SM NA.
For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -17°C or above 54°C

MISSED APPROACH: Climb to 3000 direct CEVKI and right turn on track 171° to ANDII and hold.

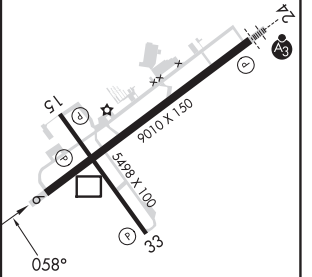
AWOS-3PT	COLUMBUS APP CON	UNICOM
134.975	118.85 269.275	122.95 (CTAF) L





CATEGORY	A	B	C	D
LPV DA	1354-⅞	303 (400-⅞)		
LNAV/VNAV DA	1429-1	378 (400-1)		
LNAV MDA	1500-1 449 (500-1)		1500-1⅜ 449 (500-1⅜)	
C CIRCLING	1500-1 449 (500-1)	1580-1 529 (600-1)	1580-1½ 529 (600-1½)	1620-2 569 (600-2)

ELEV 1051 D TDZE 1051



HIRL Rwy 6-24 L
MIRL Rwy 15-33 L
REIL Rwys 6, 15 and 33 L

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

SPRINGFIELD, OHIO | AL-958 (FAA) | 23222

WAAS	APP CRS	Rwy Idg	5498
CH 70345	148°	TDZE	1048
W15A		Apt Elev	1051

RNAV (GPS) RWY 15

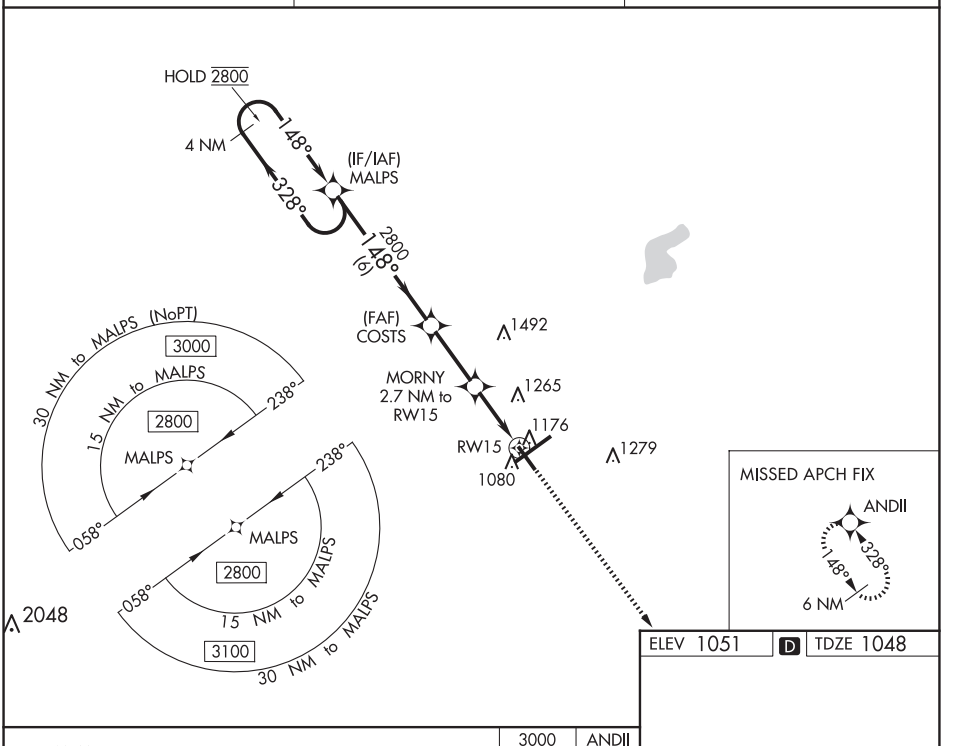
SPRINGFIELD/BECKLEY MUNI (SGH)

RNP APCH - GPS.

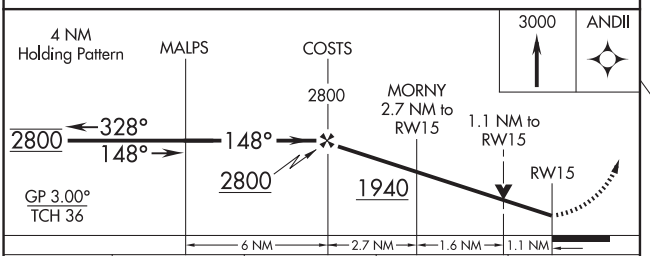
Rwy 15 helicopter visibility reduction below ¾ SM NA.
For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -17°C or above 54°C.

MISSED APPROACH: Climb to 3000 direct ANDII and hold.

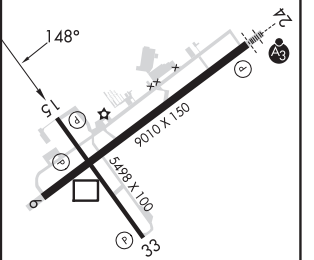
AWOS-3PT	COLUMBUS APP CON	UNICOM
134.975	118.85 269.275	122.95 (CTAF) L



ELEV 1051 | D | TDZE 1048



CATEGORY	A	B	C	D
LPV DA	1298-¾ 250 (300-¾)			
LNAV/VNAV DA	1337-⅞ 289 (300-⅞)			
LNAV MDA	1440-1 392 (400-1)		1440-1⅛ 392 (400-1⅛)	
C CIRCLING	1480-1 429 (500-1)	1580-1 529 (600-1)	1580-1½ 529 (600-1½)	1620-2 569 (600-2)



HIRL Rwy 6-24 L
MIRL Rwy 15-33 L
REIL Rwys 6, 15 and 33 L

EC-2, 12 JUN 2025 to 07 AUG 2025

EC-2, 12 JUN 2025 to 07 AUG 2025

WAAS CH **97615** **W24A**	APP CRS **238°**	Rwy Idg **9009** TDZE **1048** Apt Elev **1051**

RNAV (GPS) RWY 24

SPRINGFIELD/BECKLEY MUNI (SGH)

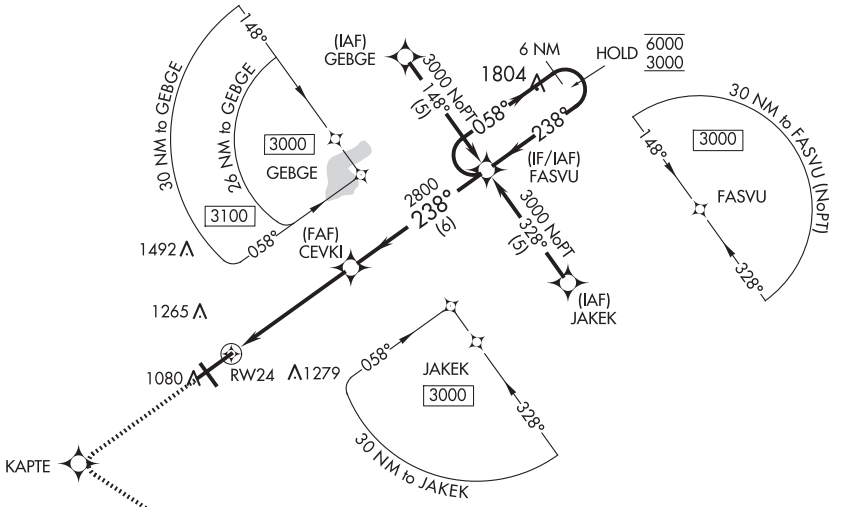
RNP APCH - GPS.

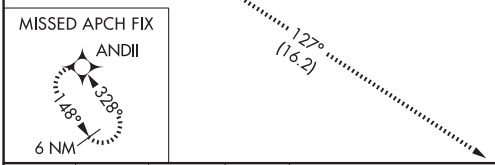
For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -17°C or above 54°C.
For inop ALS, increase LNAV/VNAV all Cats visibility to 1 SM.

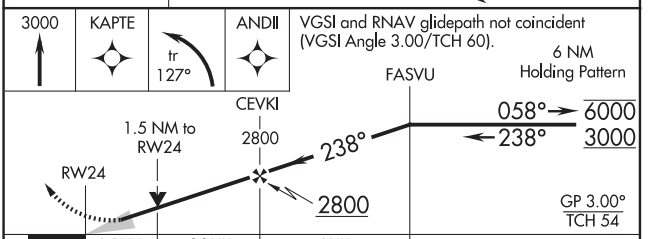
SSALR

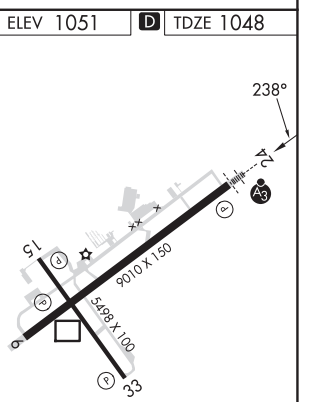
MISSED APPROACH: Climb to 3000 direct KAPTE and left turn on track 127° to ANDII and hold.

AWOS-3PT	COLUMBUS APP CON	UNICOM
134.975	**118.85 269.275**	**122.95** (CTAF) L









CATEGORY	A	B	C	D
LPV DA	1248-½ 200 (200-½)			
LNAV/VNAV DA	1398-⅝ 350 (400-⅝)			
LNAV MDA	1580-½ 532 (600-½)		1580-1 532 (600-1)	
C CIRCLING	1580-1 529 (600-1)		1580-1½ 529 (600-1½)	1620-2 569 (600-2)

HIRL Rwy 6-24 L
MIRL Rwy 15-33 L
REIL Rwys 6, 15 and 33 L

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

SPRINGFIELD, OHIO | AL-958 (FAA) | 23334

WAAS	APP CRS	Rwy Idg	5498
CH 77545	328°	TDZE	1047
W33A		Apt Elev	1051

RNAV (GPS) RWY 33

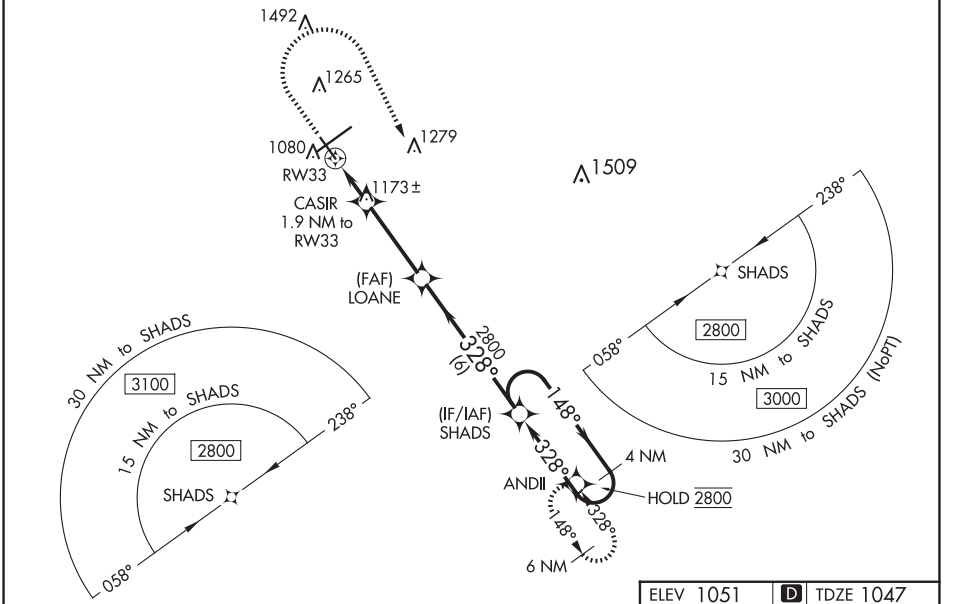
SPRINGFIELD/BECKLEY MUNI (SGH)

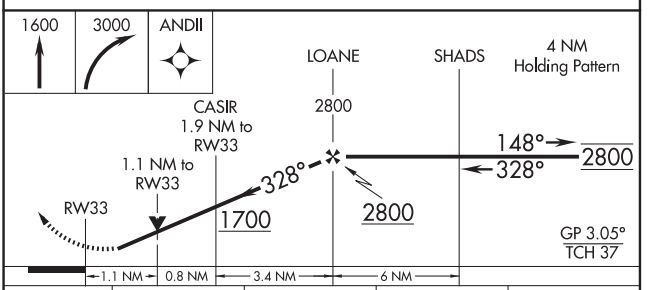
RNP APCH - GPS.

Rwy 33 helicopter visibility reduction below ¾ SM NA. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -17°C or above 54°C.

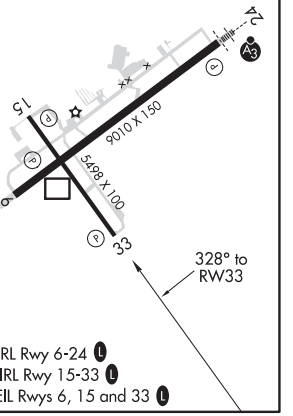
MISSED APPROACH: Climb to 1600 then climbing right turn to 3000 direct ANDII and hold.

AWOS-3PT	COLUMBUS APP CON	UNICOM
134.975	118.85 269.275	122.95 (CTAF) L





ELEV 1051 | D | TDZE 1047



HIRL Rwy 6-24 L
MIRL Rwy 15-33 L
REIL Rwys 6, 15 and 33 L

CATEGORY	A	B	C	D
LPV DA	1349-⅞ 302 (300-⅞)			
LNAV/VNAV DA	1350-⅞ 303 (300-⅞)			
LNAV MDA	1440-1 393 (400-1)		1440-1⅛ 393 (400-1⅛)	
C CIRCLING	1480-1 429 (500-1)	1580-1 529 (600-1)	1580-1½ 529 (600-1½)	1620-2 569 (600-2)

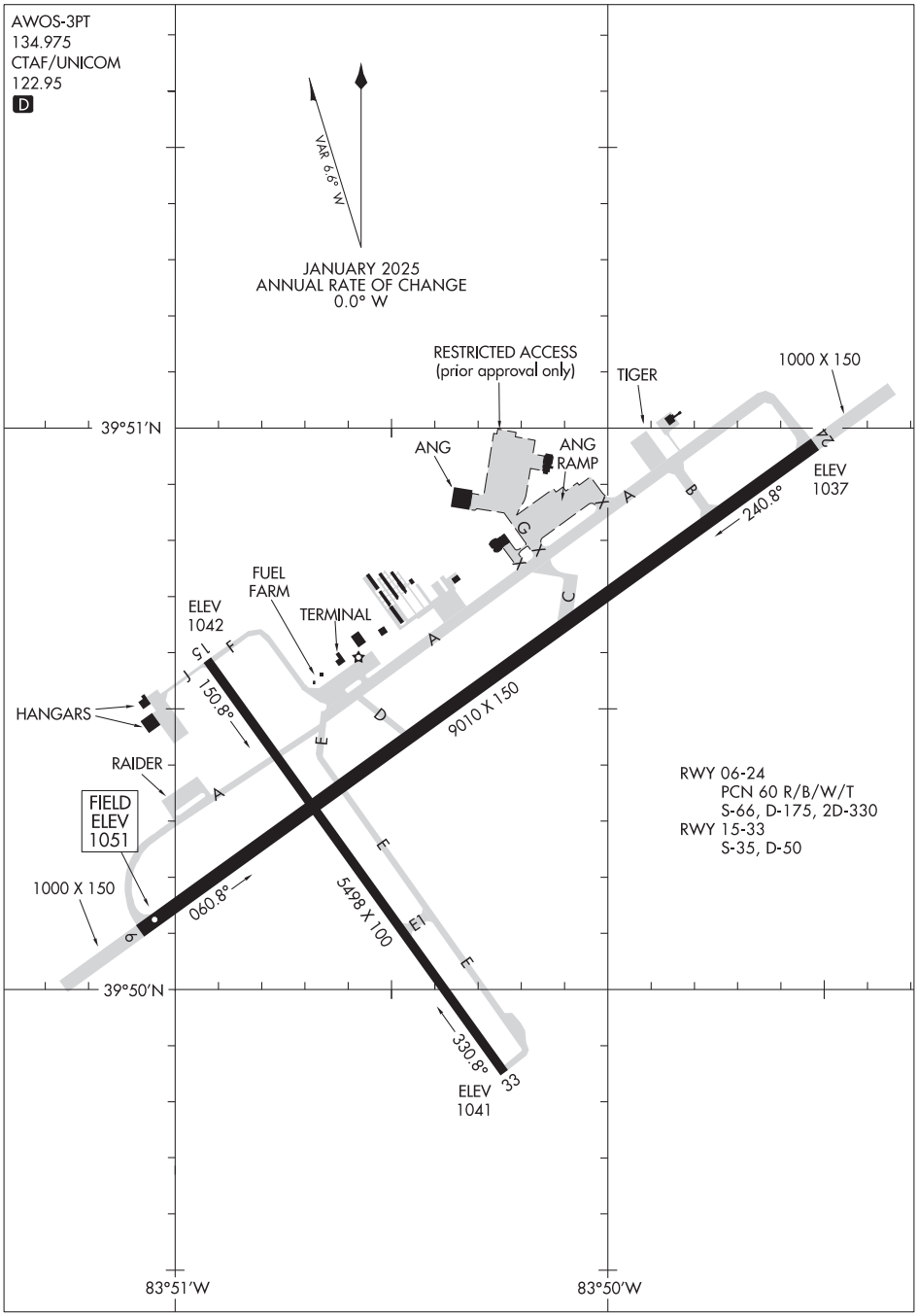
SPRINGFIELD, OHIO
Orig 02DEC21

39°50'N-83°50'W

SPRINGFIELD/BECKLEY MUNI (SGH)
RNAV (GPS) RWY 33

EC-2, 12 JUN 2025 to 07 AUG 2025

EC-2, 12 JUN 2025 to 07 AUG 2025



EC-2, 12 JUN 2025 to 07 AUG 2025

STEUBENVILLE, OHIO AL-9331 (FAA) 24361

RNAV (GPS) RWY 14

GEARY A BATES/JEFFERSON COUNTY AIRPARK (2G2)

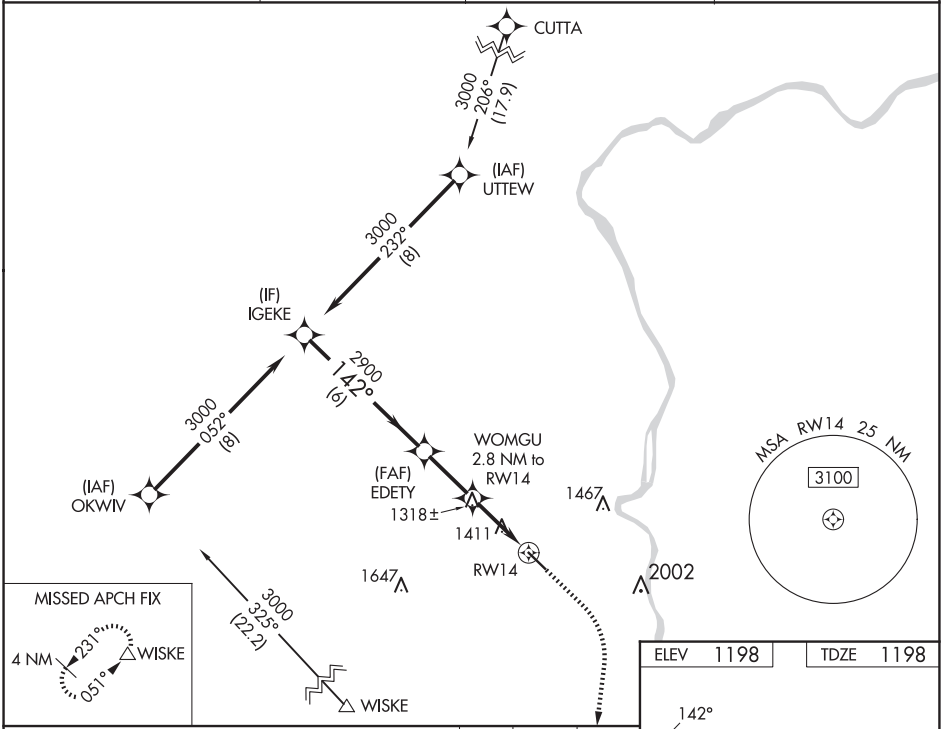
WAAS	APP CRS	Rwy Idg	5001
CH 66039	142°	TDZE	1198
W14A		Apt Elev	1198

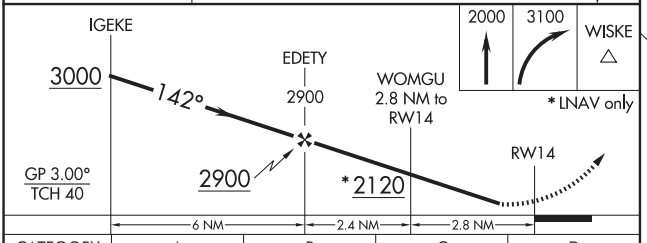
RNP APCH.

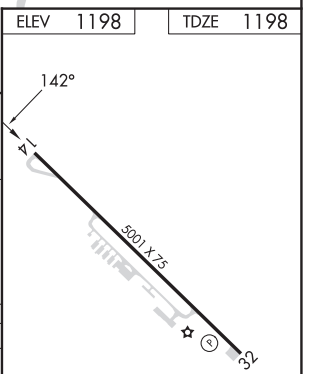
Rwy 14 helicopter visibility reduction below ¾ SM NA. Baro-VNAV NA when using Wheeling altimeter setting. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -17°C or above 54°C. When local altimeter setting not received, use Wheeling altimeter setting.

MISSED APPROACH: Climb to 2000 then climbing right turn to 3100 direct WISKE and hold.

AWOS-3	HLG ASOS	PITTSBURGH APP CON	UNICOM
121.625	127.375	124.75 338.2	122.8 (CTAF) L







CATEGORY	A	B	C	D
LPV DA	1475-1 277 (300-1)			NA
LNAV/VNAV DA	1799-1¾ 601 (700-1¾)			NA
LNAV MDA	1740-1 542 (600-1)		1740-1⅝ 542 (600-1⅝)	NA
C CIRCLING	1800-1 602 (700-1)	1980-1 782 (800-1)	1980-2¼ 782 (800-2¼)	NA

REIL Rwys 14 and 32 L
MIRL Rwy 14-32 L

STEUBENVILLE, OHIO
Amdt 1B 27JAN22

GEARY A BATES/JEFFERSON COUNTY AIRPARK (2G2)
40°22'N-80°42'W

RNAV (GPS) RWY 14

EC-2, 12 JUN 2025 to 07 AUG 2025

RNAV (GPS) RWY 32

GEARY A BATES/JEFFERSON COUNTY AIRPARK (2G2)

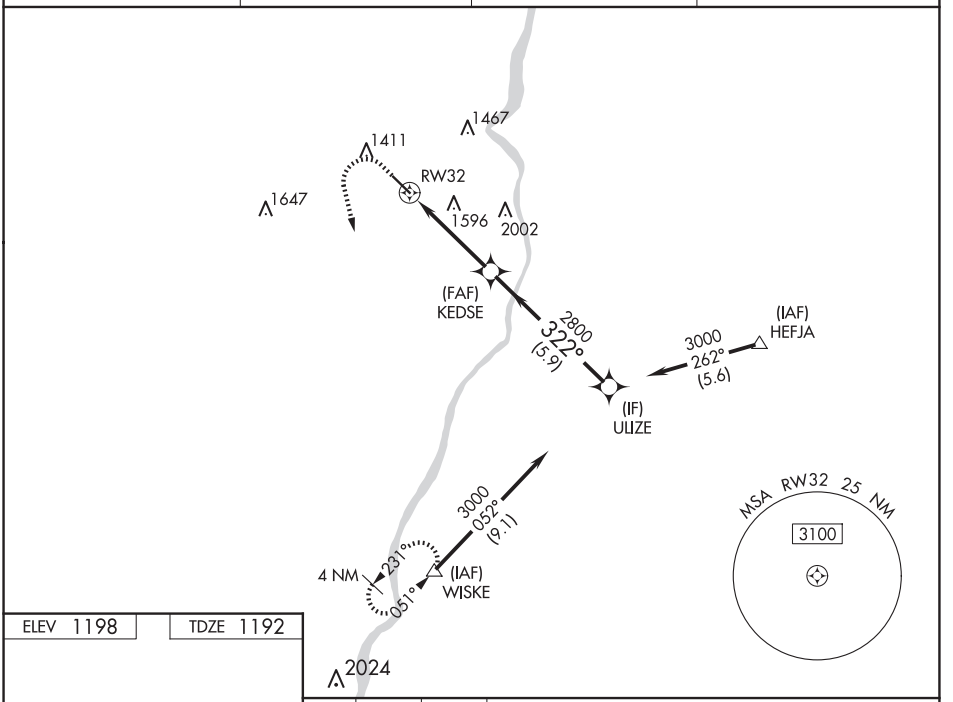
WAAS	APP CRS	Rwy Idg	5001
CH 58339	322°	TDZE	1192
W32A		Apt Elev	1198

RNP APCH.

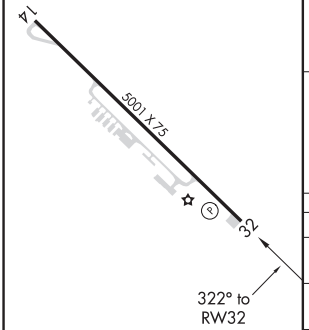
Rwy 32 helicopter visibility reduction below ¾ SM NA.
Baro-VNAV NA when using Wheeling altimeter setting.
For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -17°C or above 54°C. When local altimeter not received, use Wheeling altimeter setting.

MISSED APPROACH: Climb to 2000 then climbing left turn to 3100 direct WISKE and hold.

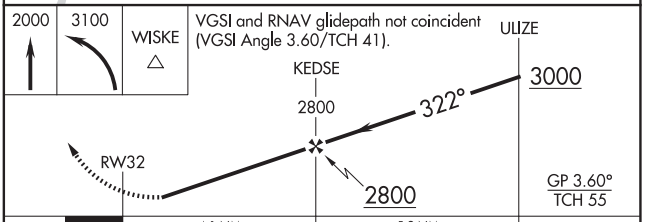
AWOS-3	HLG ASOS	PITTSBURGH APP CON	UNICOM
121.625	127.375	124.75 338.2	122.8 (CTAF) L



ELEV 1198 TDZE 1192



REIL Rwys 14 and 32 L
MIRL Rwy 14-32 L



CATEGORY	A	B	C	D
LPV DA	1519-1 327 (400-1)			NA
LNAV/VNAV DA	1972-2½ 780 (800-2½)			NA
LNAV MDA	1880-1 688 (700-1)		1880-2 688 (700-2)	NA
C CIRCLING	1880-1 682 (700-1)	1980-1 782 (800-1)	1980-2¼ 782 (800-2¼)	NA

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

SULLIVAN, INDIANA | AL-5590 (FAA) | 24305

RNAV (GPS) RWY 18

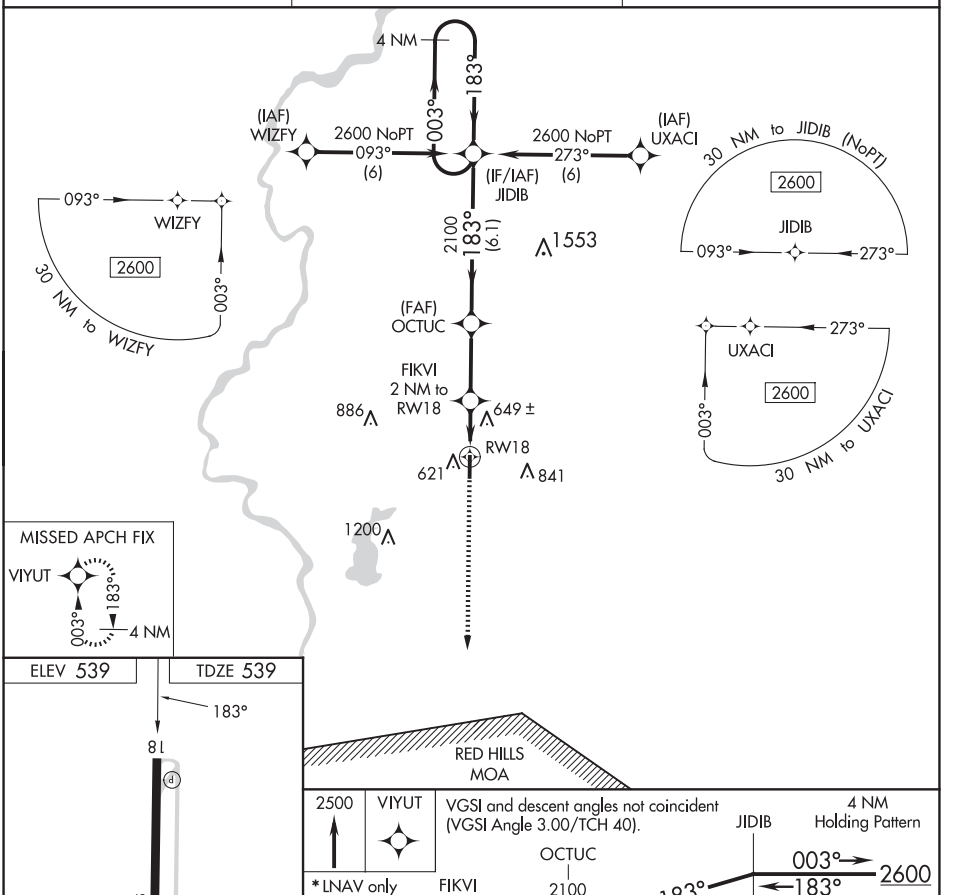
SULLIVAN COUNTY (SIV)

WAAS	APP CRS	Rwy Idg	4359
CH 65936	183°	TDZE	539
W18A		Apt Elev	539

Baro-VNAV NA. DME/DME RNP-0.3 NA. When Robinson altimeter setting is not received, use Terre Haute Intl-Hulman Field altimeter setting and increase all DA/MDA 20 feet.

MISSED APPROACH: Climb to 2500 direct VIYUT and hold.

RSV AWOS-3	HULMAN APP CON	UNICOM
120.5	135.35 339.8	122.8 (CTAF) L



CATEGORY	A	B	C	D
LPV DA	826-1 287 (300-1)		NA	
LNAV/VNAV DA	826-1 287 (300-1)		NA	
LNAV MDA	940-1 401 (500-1)		NA	
C CIRCLING	1000-1 461 (500-1)	1080-1 541 (600-1)	NA	

REIL Rwys 18 and 36 L
MIRL Rwy 18-36 L

SULLIVAN, INDIANA
Amdt 1 13NOV14

39°07'N-87°27'W

SULLIVAN COUNTY (SIV)

RNAV (GPS) RWY 18

EC-2, 12 JUN 2025 to 07 AUG 2025

EC-2, 12 JUN 2025 to 07 AUG 2025

RNAV (GPS) RWY 36

SULLIVAN COUNTY (SIV)

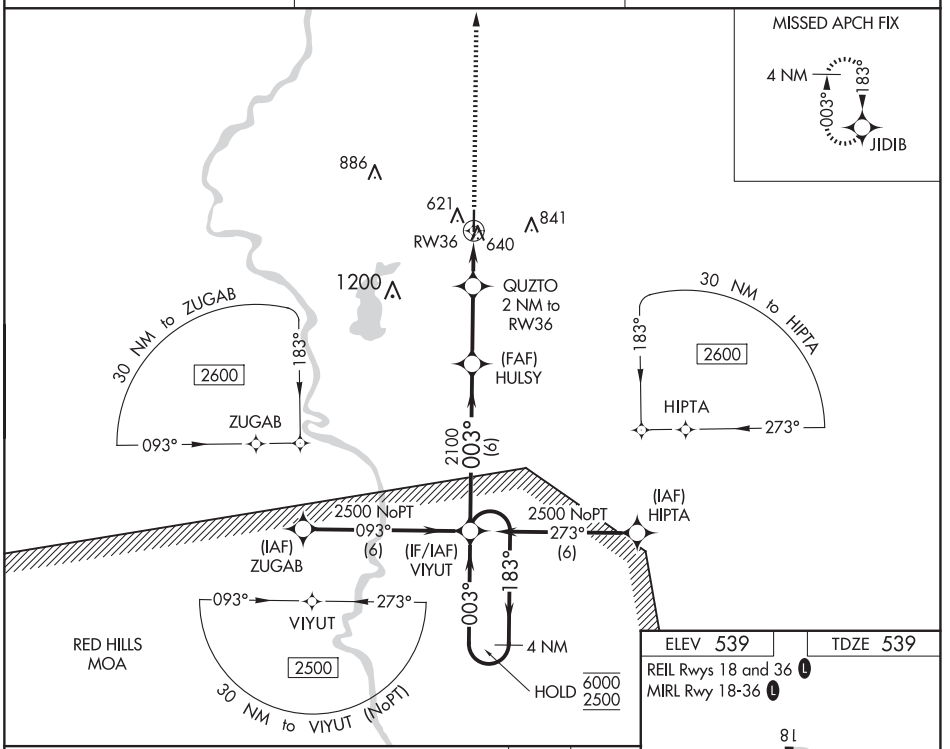
WAAS CH **82136** **W36A**	APP CRS **003°**	Rwy Idg **4359** TDZE **539** Apt Elev **539**

RNP APCH.

NA Baro-VNAV NA. Use Robinson altimeter setting; when not received, use Terre Haute altimeter setting and increase LPV DA to 876, increase LNAV/VNAV DA to 889, and increase all MDA 20 feet.

MISSED APPROACH: Climb to 2600 direct JIDIB and hold.

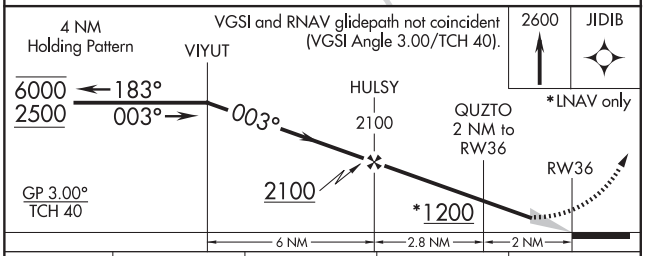
RSV AWOS-3	HULMAN APP CON	UNICOM
120.5	**135.35 339.8**	**122.8** (CTAF) L



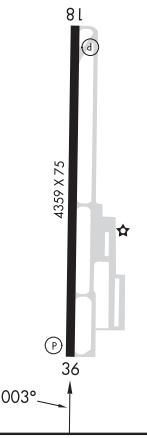
ELEV 539	TDZE 539

REIL Rwys 18 and 36 L

MIRL Rwy 18-36 L



CATEGORY	A	B	C	D
LPV DA	856-1⅛	317 (400-1⅛)	NA	
LNAV/VNAV DA	869-1	330 (400-1)	NA	
LNAV MDA	980-1	441 (500-1)	NA	
C CIRCLING	1000-1 461 (500-1)	1080-1 541 (600-1)	NA	



EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

TELL CITY, INDIANA | AL-5928 (FAA) | 19171

RNAV (GPS) RWY 13

PERRY COUNTY MUNI (TEL)

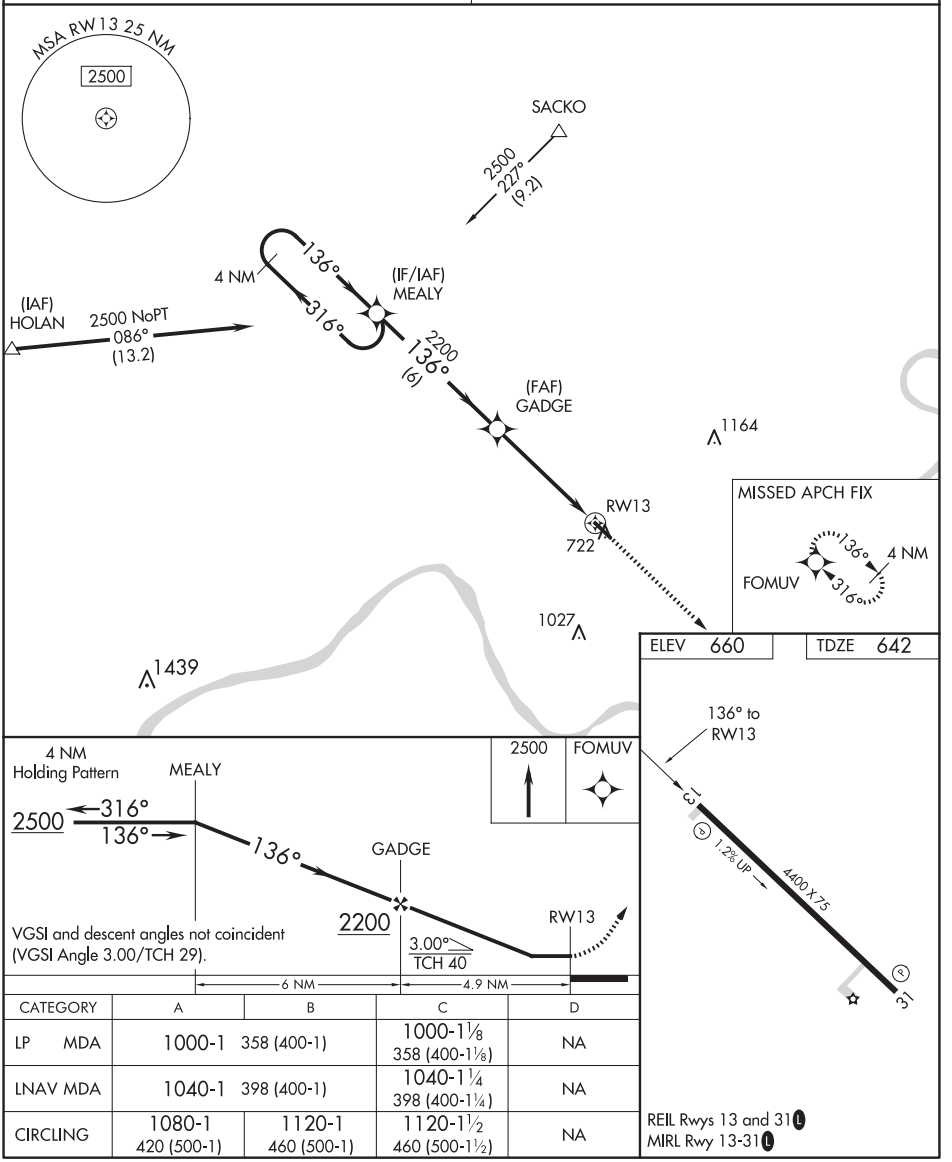
WAAS	APP CRS	Rwy Idg	4400
CH 86622	136°	TDZE	642
W13A		Apt Elev	660

When VGSI inop, Circling Rwy 31 NA at night. When VGSI inop, Straight-in/Circling Rwy 13 procedure NA at night. DME/DME RNP-0.3 NA. Visibility reduction by helicopters NA. Obtain local altimeter setting on CTAF; when not received, use Huntingburg altimeter setting and increase all MDA 80 feet and increase LP Cat C visibility ¼ mile and LNAV Cat C visibility ⅛ mile.

NA

MISSED APPROACH: Climb to 2500 direct FOMUV and hold.

EVANSVILLE APP CON ★	UNICOM
124.025 290.9	122.7 (CTAF) L



CATEGORY	A	B	C	D
LP MDA	1000-1 358 (400-1)		1000-1⅛ 358 (400-1⅛)	NA
LNAV MDA	1040-1 398 (400-1)		1040-1¼ 398 (400-1¼)	NA
CIRCLING	1080-1 420 (500-1)	1120-1 460 (500-1)	1120-1½ 460 (500-1½)	NA

REIL Rwys 13 and 31 L
MIRL Rwy 13-31 L

EC-2, 12 JUN 2025 to 07 AUG 2025

EC-2, 12 JUN 2025 to 07 AUG 2025

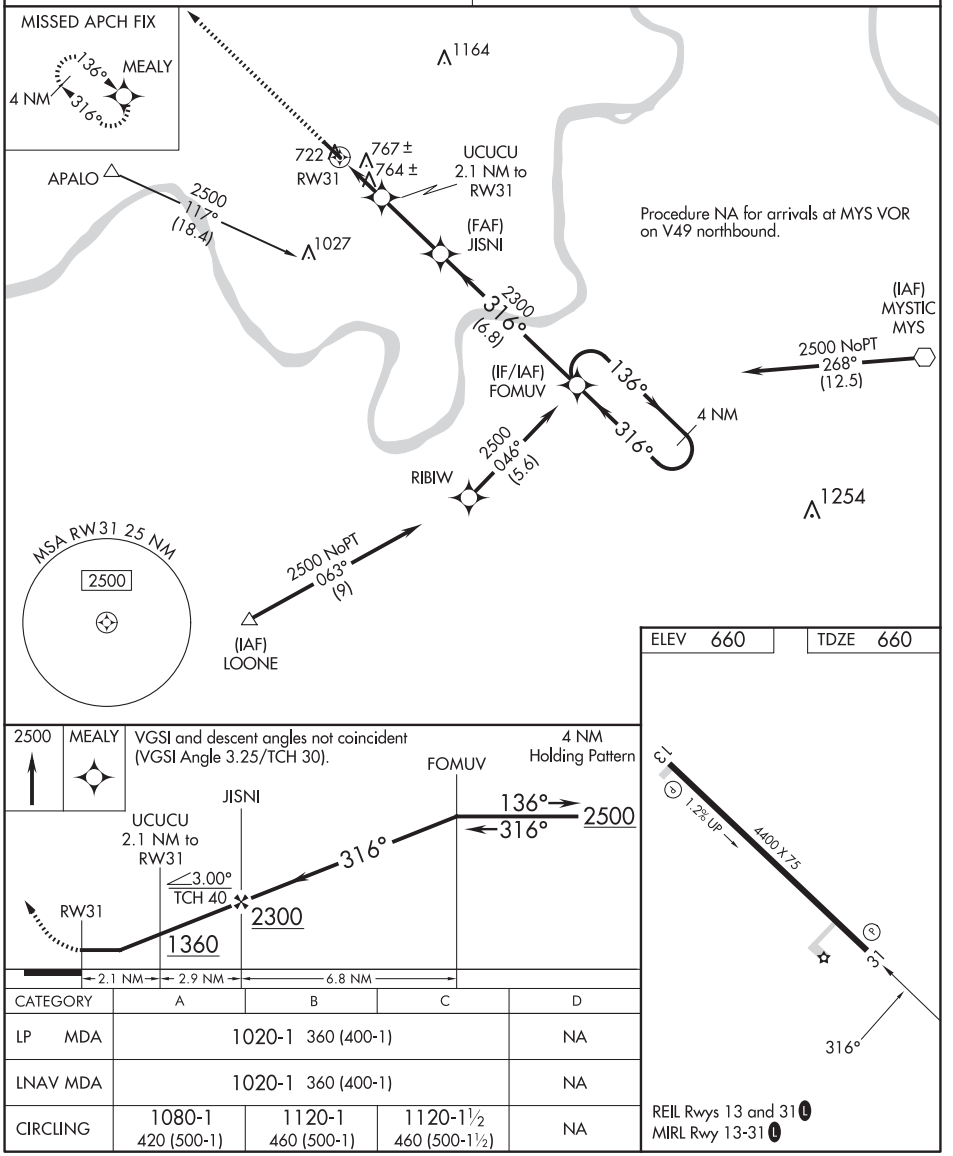
WAAS	APP CRS	Rwy Idg	4400
CH 93623	316°	TDZE	660
W31A		Apt Elev	660

RNAV (GPS) RWY 31
PERRY COUNTY MUNI (TEL)

When VGSI inop, Circling Rwy 13 NA at night. When VGSI inop, Straight-in/Circling Rwy 31 procedure NA at night. DME/DME RNP-0.3 NA. Visibility reduction by helicopters NA. Obtain local altimeter setting on CTAF; when not received, use Huntingburg altimeter setting and increase all MDA 80 feet and increase LP and LNAV Cat C visibility ¼ mile.

MISSED APPROACH: Climb to 2500 direct MEALY and hold.

EVANSVILLE APP CON ★	UNICOM
124.025 290.9	122.7 (CTAF) L



CATEGORY	A	B	C	D
LP MDA	1020-1 360 (400-1)			NA
LNAV MDA	1020-1 360 (400-1)			NA
CIRCLING	1080-1 420 (500-1)	1120-1 460 (500-1)	1120-1½ 460 (500-1½)	NA

REIL Rwys 13 and 31 L
MIRL Rwy 13-31 L

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

TERRE HAUTE, INDIANA | AL-5939 (FAA) | 23054

RNAV (GPS)-A

SKY KING (3I3)

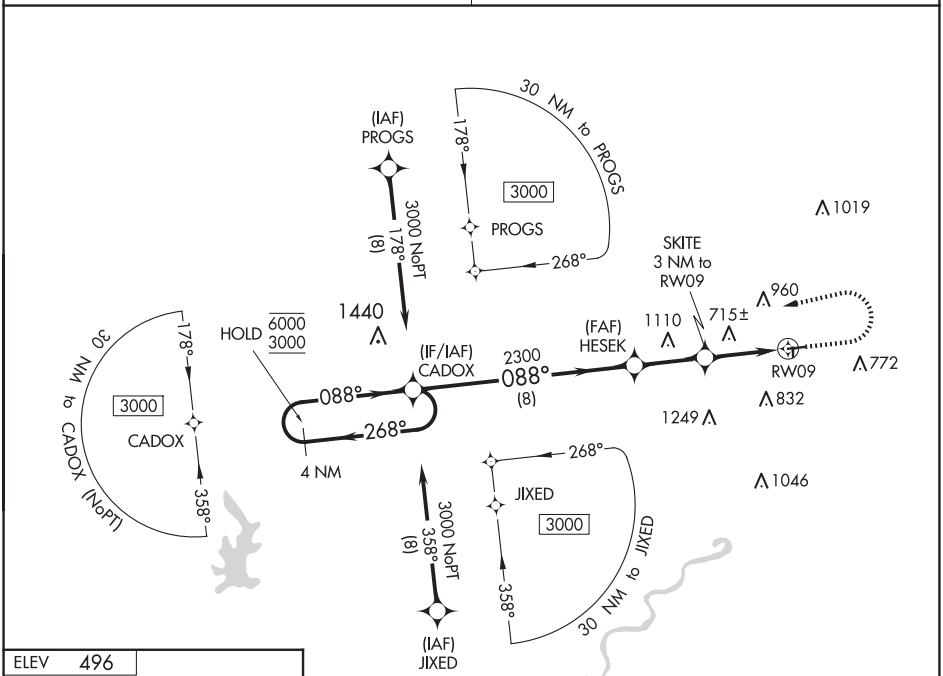
APP CRS	Rwy Idg	N/A
088°	TDZE	N/A
	Apt Elev	496

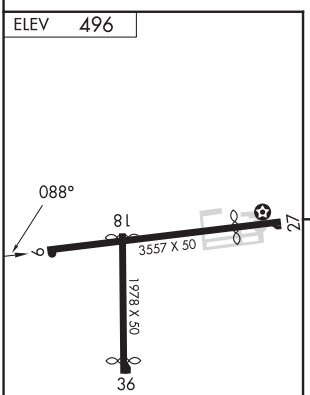
RNP APCH.

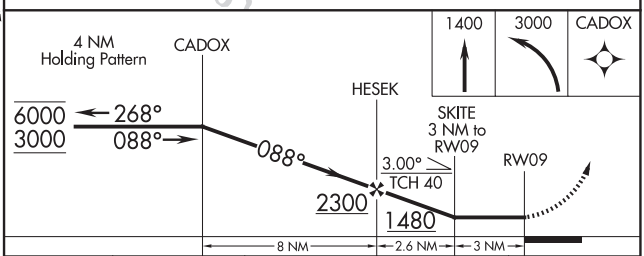
T
A NA — Procedure NA at night. Use Terre Haute altimeter setting; when not received, use Paris altimeter setting and increase all MDA 40 feet.

MISSED APPROACH: Climb to 1400 then climbing left turn to 3000 direct CADOX and hold.

HULMAN APP CON	UNICOM
125.45 339.8	122.8 (CTAF) L







CATEGORY	A	B	C	D
C CIRCLING	1000-1 504 (600-1)	1340-1¼ 844 (900-1¼)	NA	

LIRL Rwys 9-27 and 18-36 L

TERRE HAUTE, INDIANA
Amdt 1 08NOV18

39°33'N-87°23'W

SKY KING (3I3)
RNAV (GPS)-A

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

ILS or LOC RWY 5

TERRE HAUTE RGNL (HUF)

LOC I-HUF	APP CRS	Rwy Idg	9020
109.7	049°	TDZE	573
		Apt Elev	589

ADF or DME required.

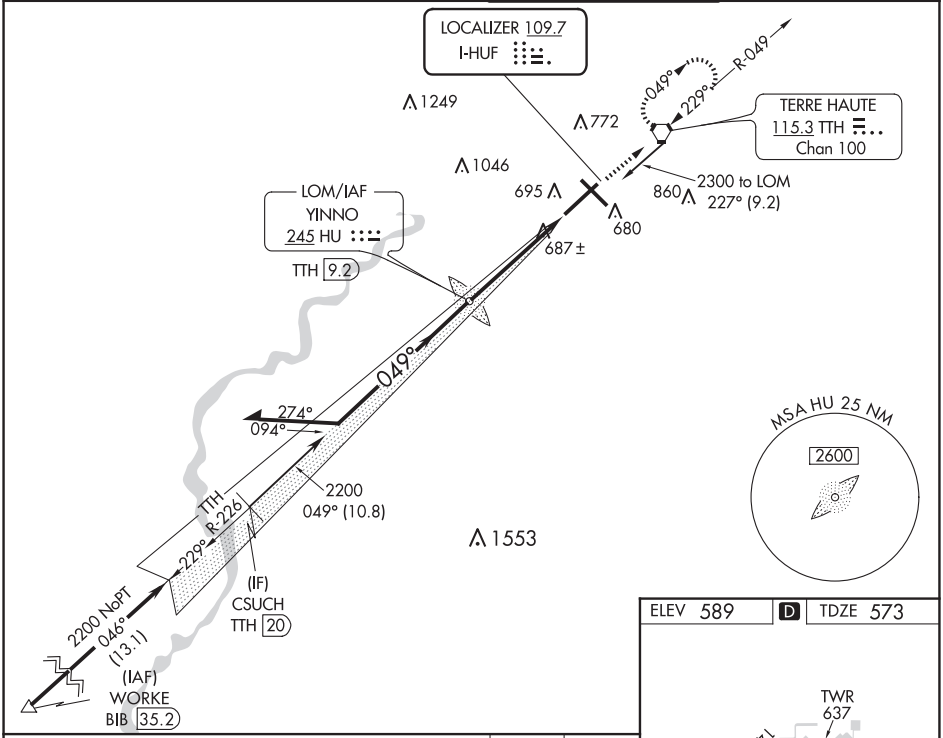
VDP NA when using Paris altimeter setting. When local altimeter setting not received, use Paris altimeter setting and increase all DA 61feet and all MDA 80 feet, increase S-LOC 5 Cats C/D visibility to RVR 4500. For inop ALS, increase S-LOC 5 Cat C/D visibility to RVR 5500, when using Paris altimeter setting increase S-ILS 5 all Cats visibilities to RVR 4500 and S-LOC Rwy 5 all Cats visibility ½ SM. **RVR 1800 authorized with use of FD or AP or HUD to DA, NA when using Paris altimeter setting.

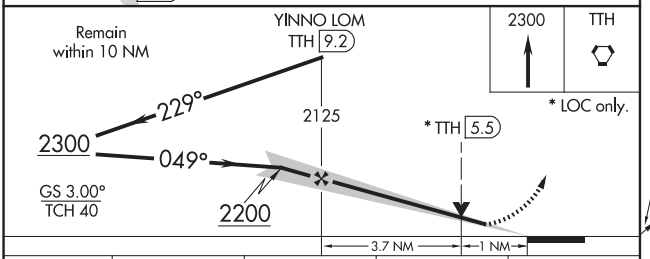
ASR

MALSR

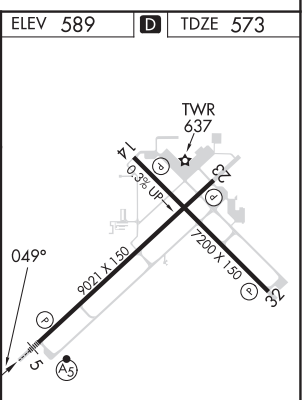
MISSED APPROACH: Climb to 2300 direct TTH VORTAC and hold.

ATIS	HULMAN APP CON	HULMAN TOWER	GND CON
127.5 269.375	125.45 339.8	134.725 322.475	121.6 348.6





CATEGORY	A	B	C	D
S-ILS 5 **	773/24		200 (200-½)	
S-LOC 5	940/24	367 (400-½)	940/35	367 (400-⅝)
C CIRCLING	1040-1 451 (500-1)	1040-1 451 (500-1)	1220-1¾ 631 (700-1¾)	1220-2 631 (700-2)



REIL Rwys 14, 23 and 32
HIRL Rwys 5-23 and 14-32

FAF to MAP 4.7 NM					
Knots	60	90	120	150	180
Min:Sec	4:42	3:08	2:21	1:53	1:34

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

TERRE HAUTE, INDIANA | AL-608 (FAA) | 23110

WAAS	APP CRS	Rwy Idg	9020
CH 82109	049°	TDZE	573
W05A		Apt Elev	589

RNAV (GPS) RWY 5

TERRE HAUTE RGNL (HUF)

RNP APCH.

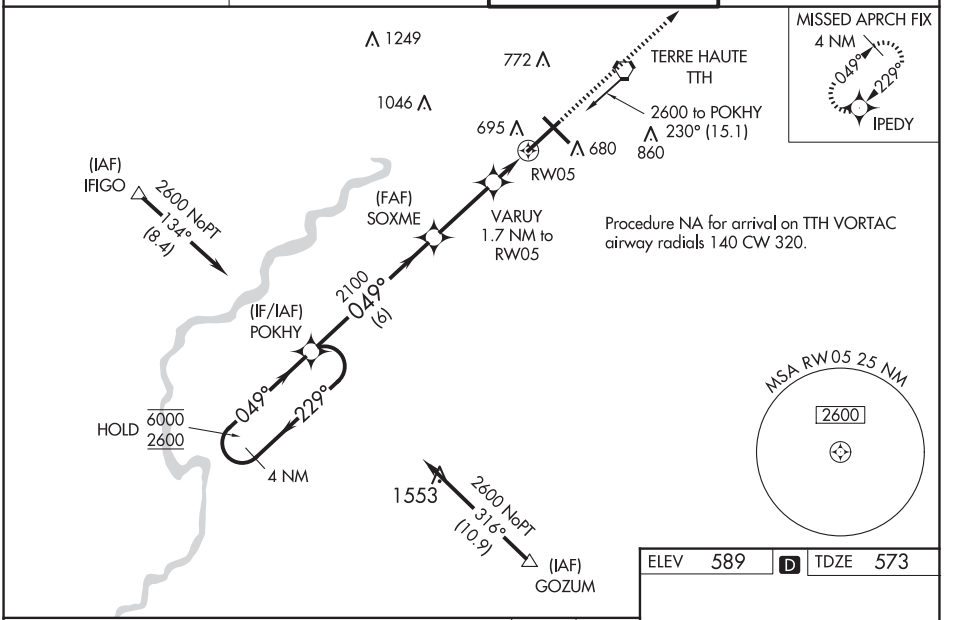
ASR

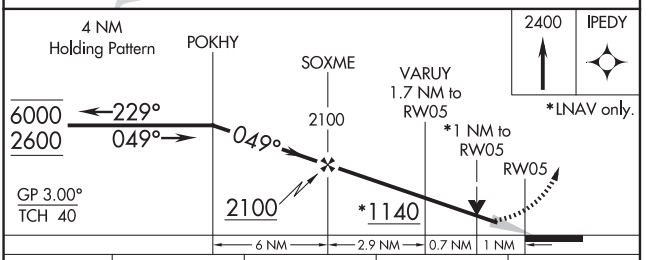
For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -16°C or above 47°C . VDP and Baro-VNAV NA when using Paris altimeter setting. When local altimeter setting not received, use Paris altimeter setting and increase all DA 61 feet, and all MDA 80 feet. Increase LPV all Cats visibility ¼ SM and Circling Cat C/D visibility ¼ SM. For inoperative ALS, increase LPV all Cats visibility to RVR 4500, LNAV/VNAV all Cats visibility to RVR 5500 and LNAV Cat C/D visibility to RVR 6000, when using Paris altimeter setting, increase LPV and LNAV/VNAV visibility all Cats to RVR 6000, increase LNAV Cat C/D visibility to 1⅜ SM.

MALSR

MISSED APPROACH: Climb to 2400 direct IPEDY and hold.

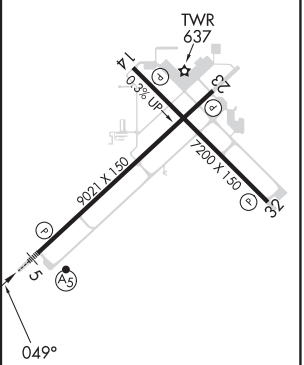
ATIS	HULMAN APP CON	HULMAN TOWER	GND CON
127.5 269.375	125.45 339.8	134.725 322.475	121.6 348.6





CATEGORY	A	B	C	D
LPV DA		875/24	302 (300-½)	
LNAV/VNAV DA		924/40	351 (400-¾)	
LNAV MDA		960/50	387 (400-1)	
C CIRCLING	1040-1 451 (500-1)		1220-1¾ 631 (700-1¾)	1220-2 631 (700-2)

ELEV 589 | D | TDZE 573



REIL Rwys 14, 23 and 32
HIRL Rwys 5-23 and 14-32

EC-2, 12 JUN 2025 to 07 AUG 2025

EC-2, 12 JUN 2025 to 07 AUG 2025

RNAV (GPS) RWY 14

TERRE HAUTE RGNL (HUF)

APP CRS	Rwy Idg	7200
137°	TDZE	579
	Apt Elev	589

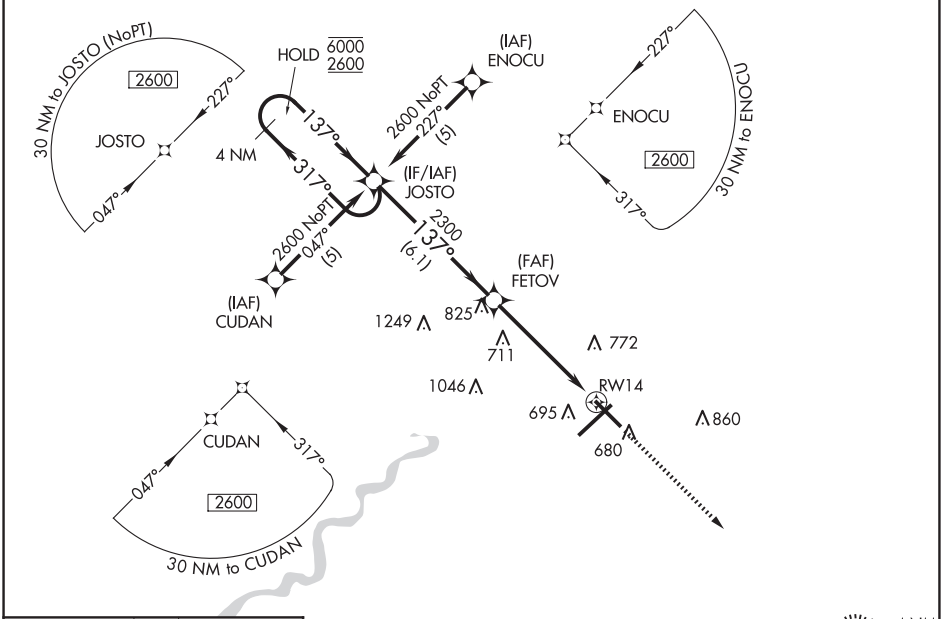
RNP APCH.

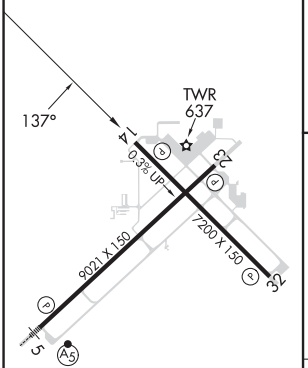
VDP NA when using Paris altimeter setting. When local altimeter setting not received, use Paris altimeter setting and increase all MDA 80 feet, increase LNAV and Circling Cat C/D visibility ¼ SM. Rwy 14 helicopter visibility reduction below ¾ SM NA.

ASR

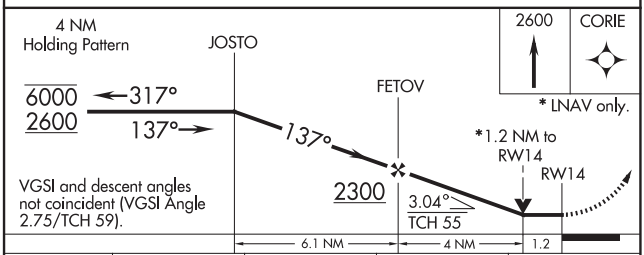
MISSED APPROACH: Climb to 2600 direct CORIE and hold.

ATIS	HUMAN APP CON	HUMAN TOWER	GND CON
127.5 269.375	125.45 339.8	134.725 322.475	121.6 348.6





REIL Rwys 14, 23 and 14-32
HIRL Rwys 5-23 and 14-32



CATEGORY	A	B	C	D
LNAV MDA	1140-1	561 (600-1)	1140-1⅝	561 (600-1⅝)
C CIRCLING	1140-1	551 (600-1)	1220-1¾ 631 (700-1¾)	1220-2 631 (700-2)

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

TERRE HAUTE, INDIANA | AL-608 (FAA) | 23110

RNAV (GPS) RWY 23

TERRE HAUTE RGNL (HUF)

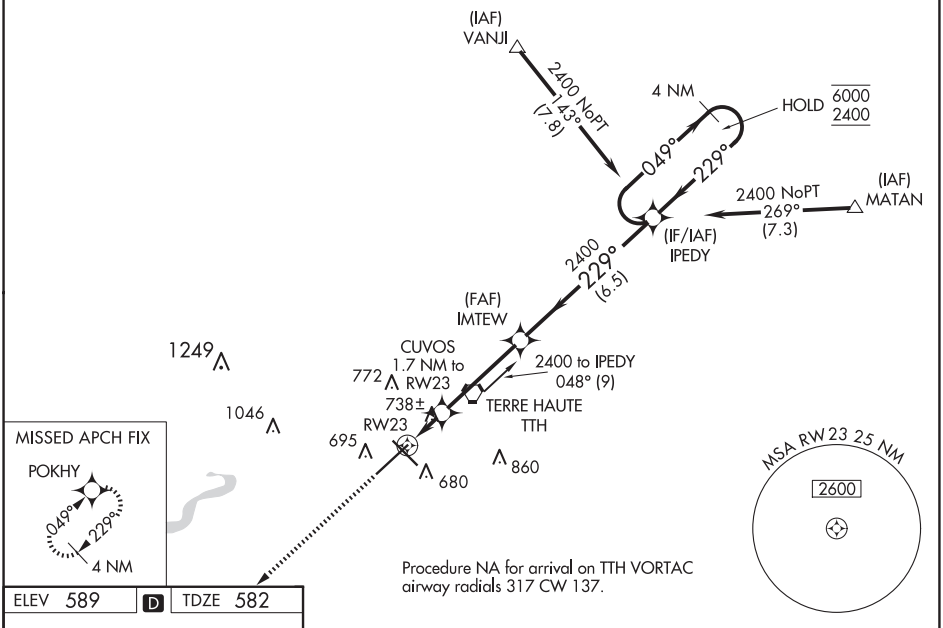
WAAS CH 72625 W23A	APP CRS 229°	Rwy Idg 9020 / TDZE 582 / Apt Elev 589

RNP APCH.

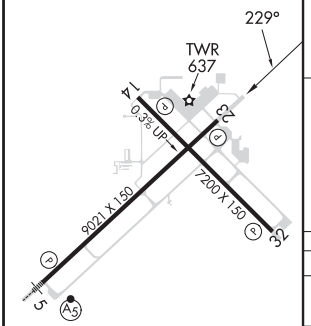
T A ASR — Baro-VNAV and VDP NA when using Paris altimeter setting. Rwy 23 helicopter visibility reduction below ¾ SM NA. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -16°C or above 54°C. When local altimeter setting not received, use Paris altimeter setting and increase all DA 61 feet and all MDA 80 feet, increase LPV and LNAV/VNAV visibility all Cats ⅛ SM, increase LNAV and Circling Cats C/D visibilities ¼ SM.

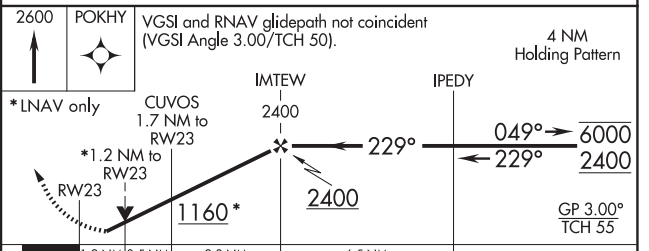
MISSED APPROACH: Climb to 2600 direct POKHY and hold.

ATIS	HULMAN APP CON	HULMAN TOWER	GND CON
127.5 269.375	125.45 339.8	134.725 322.475	121.6 348.6



ELEV 589 | D | TDZE 582





CATEGORY	A	B	C	D
LPV DA	890-⅞ 308 (400-⅞)			
LNAV/VNAV DA	874-⅞ 292 (300-⅞)			
LNAV MDA	1000-1 418 (500-1)		1000-1⅛ 418 (500-1⅛)	
C CIRCLING	1040-1 451 (500-1)		1220-1¾ 631 (700-1¾)	1220-2 631 (700-2)

HIRL Rwys 5-23 and 14-32
REIL Rwys 14, 23 and 32

TERRE HAUTE, INDIANA
Amdt 1E 25FEB21

39°27′N-87°18′W

TERRE HAUTE RGNL (HUF)

RNAV (GPS) RWY 23

EC-2, 12 JUN 2025 to 07 AUG 2025

EC-2, 12 JUN 2025 to 07 AUG 2025

APP CRS	Rwy Idg	7200
317°	TDZE	589
	Apt Elev	589

RNAV (GPS) RWY 32

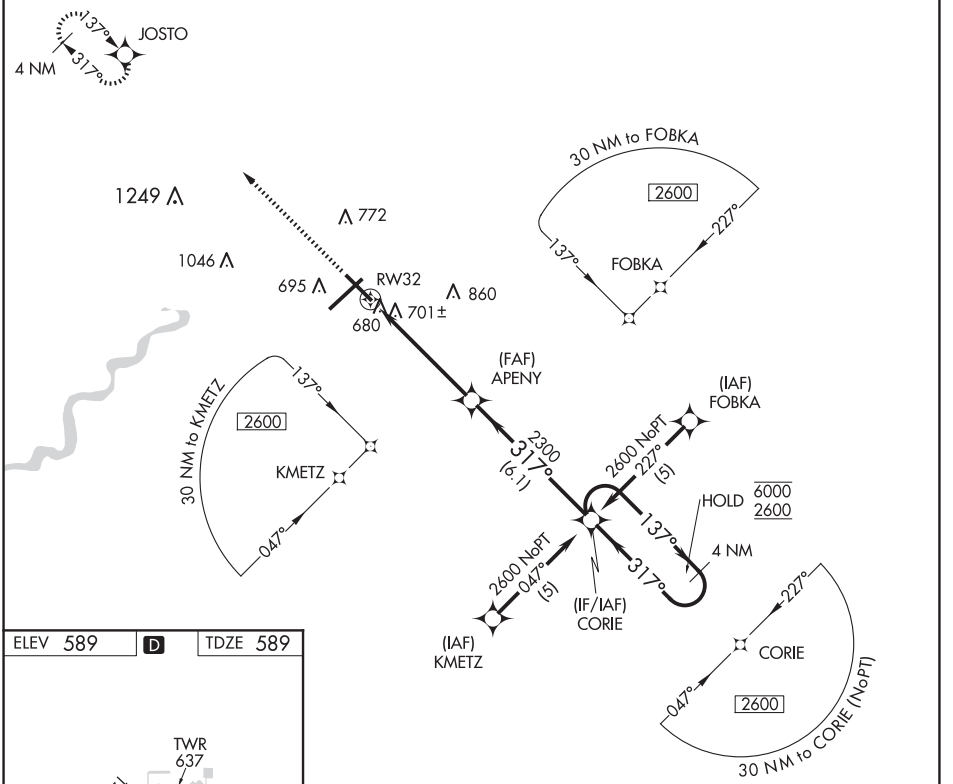
TERRE HAUTE RGNL (HUF)

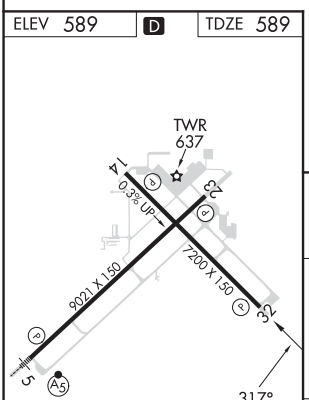
RNP APCH.

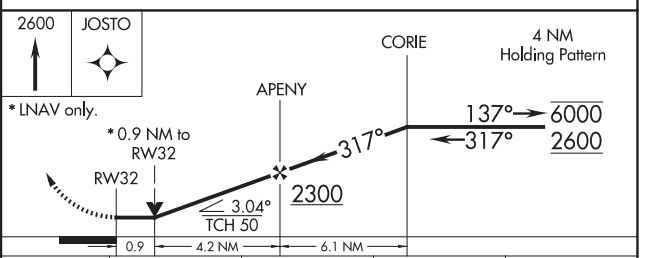
▼ VDP NA when using Paris altimeter setting. Rwy 32 helicopter visibility reduction below ¾ SM NA.
▲ When local altimeter setting not received, use Paris altimeter setting and increase all MDAs 80 feet, LNAV Cat C/D visibility to 1⅜ SM and Circling Cat C/D ¼ SM.
ASR

MISSED APPROACH: Climb to 2600 direct JOSTO and hold.

ATIS	HULMAN APP CON	HULMAN TOWER	GND CON
127.5 269.375	125.45 339.8	134.725 322.475	121.6 348.6







CATEGORY	A	B	C	D
LNAV MDA	980-1	391 (400-1)	980-1⅛ 391 (400-1⅛)	980-1¼ 391 (400-1¼)
C CIRCLING	1040-1	451 (500-1)	1220-1¾ 631 (700-1¾)	1220-2 631 (700-2)

REIL Rwys 14, 23 and 32
HIRL Rwys 5-23 and 14-32

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

TERRE HAUTE, INDIANA | AL-608 (FAA) | 23110

VOR RWY 5

TERRE HAUTE RGNL (HUF)

VORTAC TTH	APP CRS	Rwy Idg	9020
115.3	048°	TDZE	573
Chan 100		Apt Elev	589

DME required.

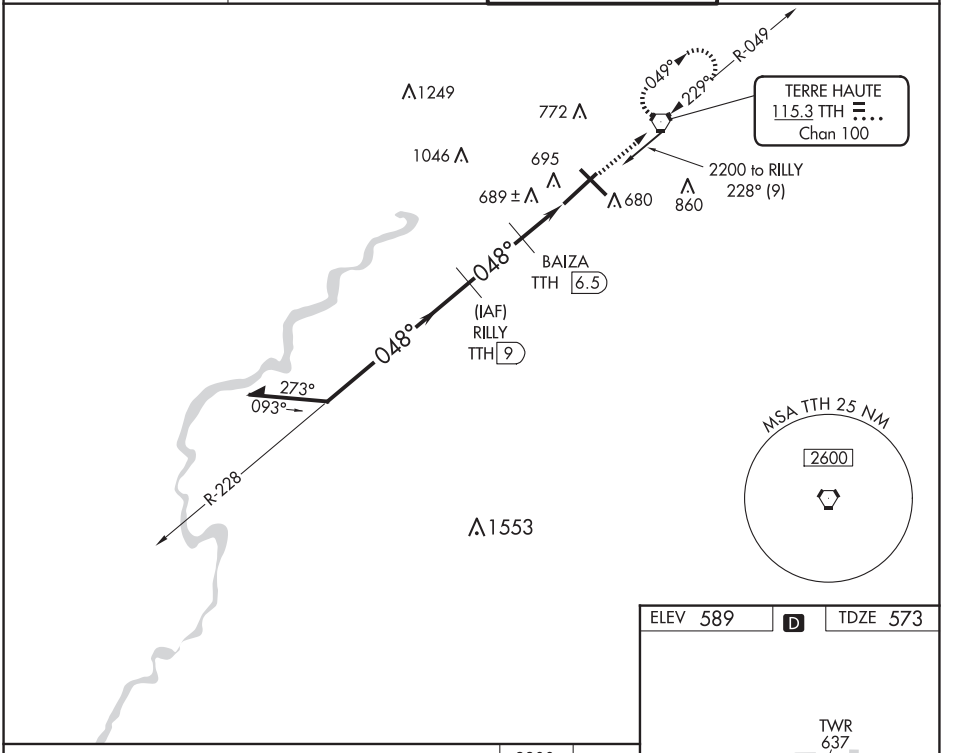
ASR

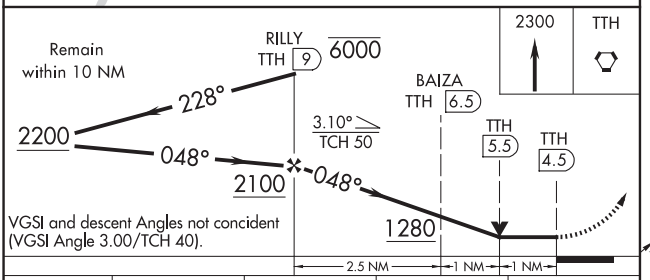
VDP NA when using Paris, IL altimeter setting. When local altimeter setting not received, use Paris altimeter setting and increase all MDA 80 feet and Circling Cat C/D visibility ¼ SM. For inop ALS, increase S-5 Cat C/D visibility to RVR 6000. Rwy 5 helicopter visibility reduction below ¾ SM NA.

MALSR

MISSED APPROACH: Climb to 2300 direct TTH VORTAC and hold.

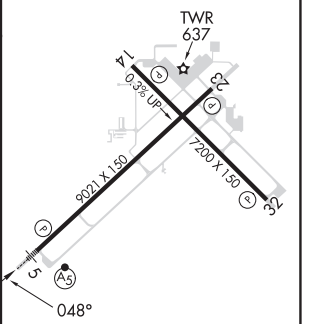
ATIS	HULMAN APP CON	HULMAN TOWER	GND CON
127.5 269.375	125.45 339.8	134.725 322.475	121.6 348.6





CATEGORY	A	B	C	D
S-5	960/50	387 (400-1)		
C CIRCLING	1040-1	451 (500-1)	1220-1¾ 631 (700-1¾)	1220-2 631 (700-2)

ELEV 589 D TDZE 573



REIL Rwys 14, 23 and 32
HIRL Rwys 5-23 and 14-32

TERRE HAUTE, INDIANA
Amdt 18A 25FEB21

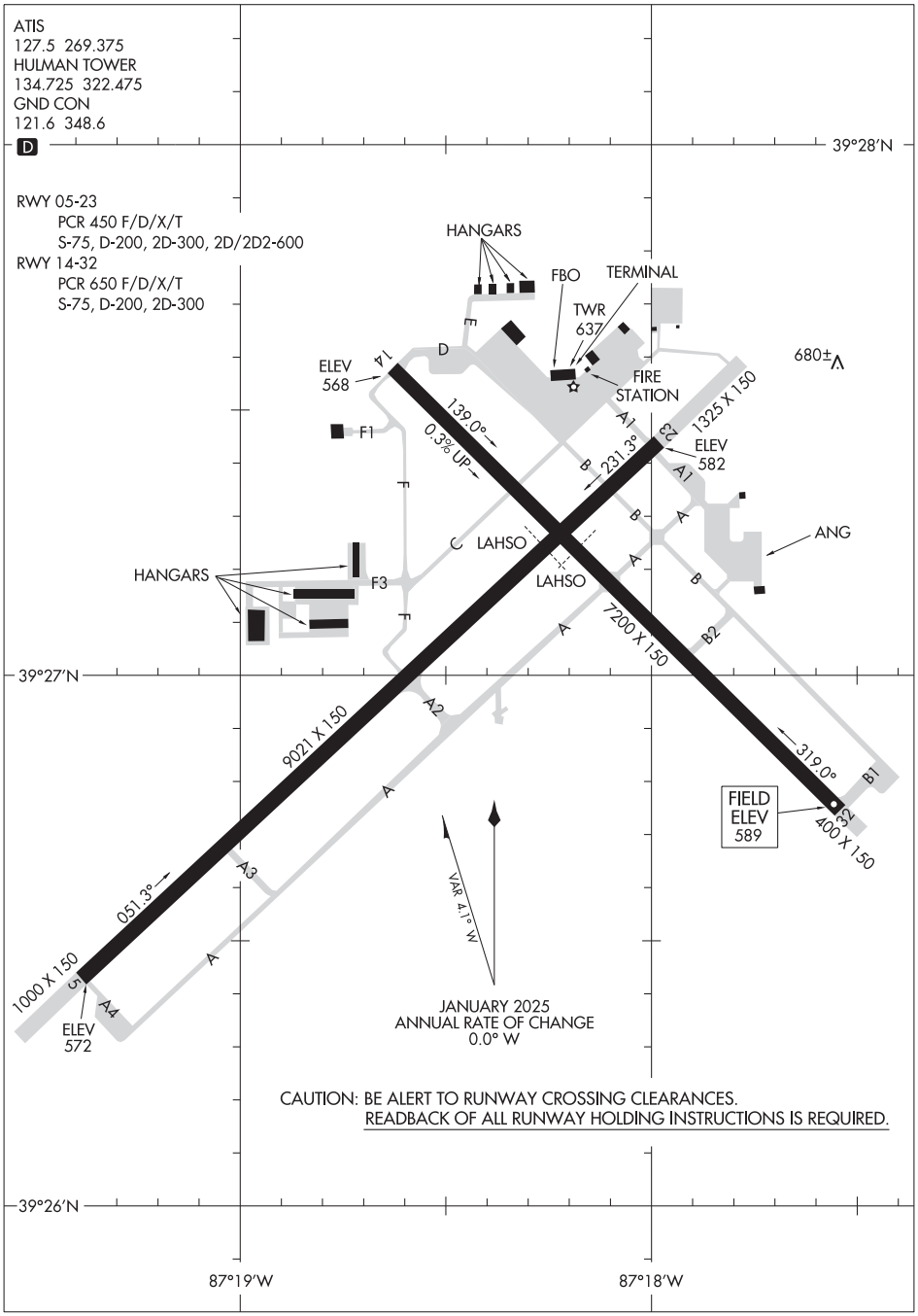
39°27′N-87°18′W

TERRE HAUTE RGNL (HUF)

VOR RWY 5

EC-2, 12 JUN 2025 to 07 AUG 2025

EC-2, 12 JUN 2025 to 07 AUG 2025



EC-2, 12 JUN 2025 to 07 AUG 2025

TIFFIN, OHIO | AL-5645 (FAA) | 23054

RNAV (GPS) RWY 6

SENECA COUNTY (16G)

WAAS	APP CRS	Rwy Idg	4000
CH 77713	061°	TDZE	786
W06A		Apt Elev	786

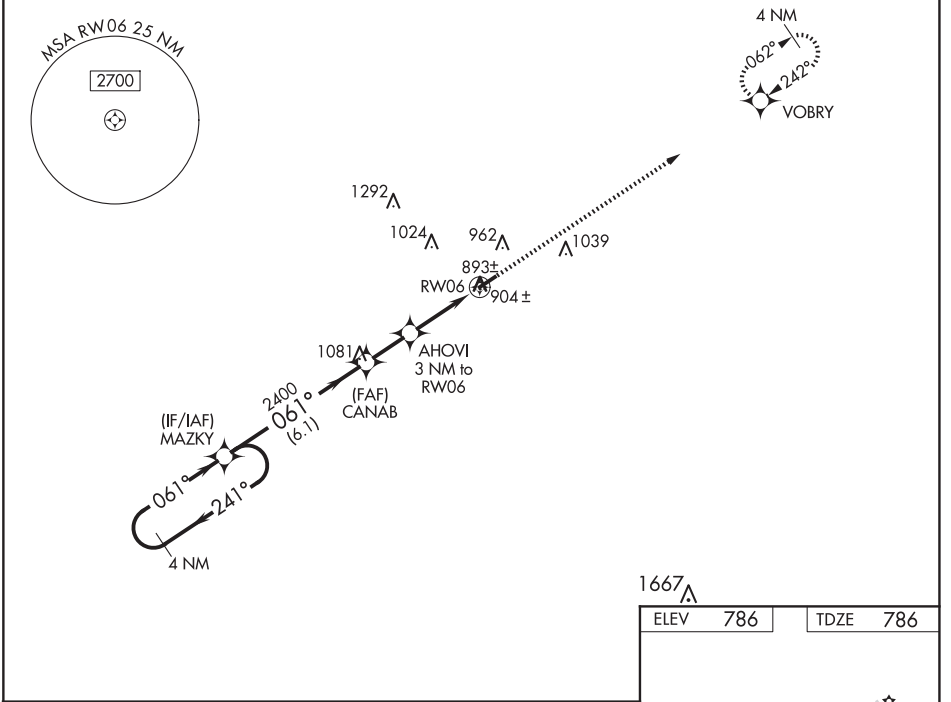
RNP APCH.

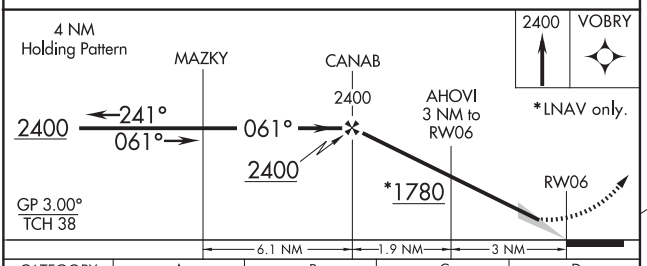
Circling to Rwy 24 NA at night. Baro-VNAV NA when using Findlay altimeter setting. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -16°C or above 54°C. When local altimeter setting not received, use Findlay altimeter setting and increase all DA/MDA 60 feet, increase LPV all Cats ¼ SM and LNAV and Circling Cat C visibility ¼ SM.

NA

MISSED APPROACH: Climb to 2400 direct VOBRY and hold.

AWOS-3	FDY ASOS	TOLEDO APP CON	UNICOM
127.175	132.85	120.8 317.55	123.0 (CTAF) L



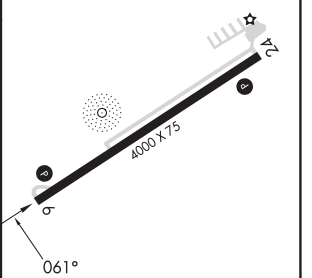


2400 | VOBRY

*LNAV only.

1667

ELEV 786 | TDZE 786



CATEGORY	A	B	C	D
LPV DA	1137-1¼ 351 (400-1¼)			NA
LNAV/VNAV DA	1174-1½ 388 (400-1½)			NA
LNAV MDA	1160-1 374 (400-1)			NA
CIRCLING	1280-1 494 (500-1)		1340-1½ 554 (600-1½)	NA

MIRL Rwy 6-24 L

REIL Rwys 6 and 24 L

TIFFIN, OHIO
Orig-C 27JAN22

41°06'N-83°13'W

SENECA COUNTY (16G)

RNAV (GPS) RWY 6

EC-2, 12 JUN 2025 to 07 AUG 2025

EC-2, 12 JUN 2025 to 07 AUG 2025

RNAV (GPS) RWY 24

SENECA COUNTY(16G)

WAAS	APP CRS	Rwy Idg	4000
CH 90528	242°	TDZE	785
W24A		Apt Elev	786

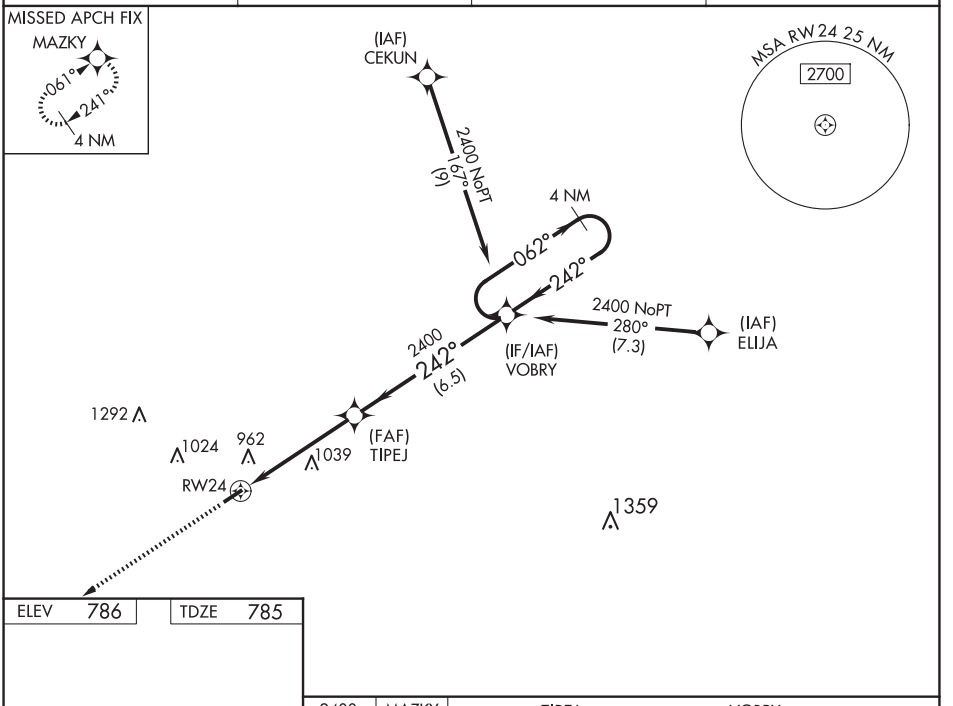
RNP APCH.

Circling to Rwy 24 NA at night. Baro-VNAV NA when using Findlay altimeter setting. Rwy 24 helicopter visibility reduction below ¾ SM NA. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -16°C or above 54°C. When local altimeter setting not received, use Findlay altimeter setting and increase all DA/MDA 60 feet, and increase LPV, LNAV/VNAV all Cats visibility ⅛ SM, increase LNAV and Circling Cat C visibility ¼ mile.

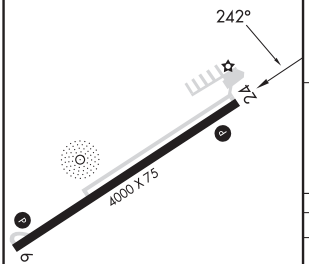
NA

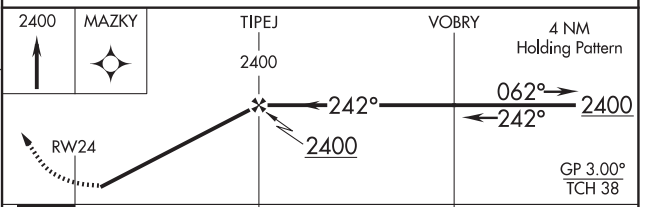
MISSED APPROACH: Climb to 2400 direct MAZKY and hold.

AWOS-3	FDY ASOS	TOLEDO APP CON	UNICOM
127.175	132.85	120.8 317.55	123.0 (CTAF) L



ELEV 786 TDZE 785





CATEGORY	A	B	C	D
LPV DA	1058-1	273 (300-1)		NA
LNAV/VNAV DA	1063-1	278 (300-1)		NA
LNAV MDA	1280-1	495 (500-1)	1280-1⅜ 495 (500-1⅜)	NA
CIRCLING	1280-1	494 (500-1)	1340-1½ 554 (600-1½)	NA

MIRL Rwy 6-24 L
REIL Rwys 6 and 24 L

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

TIFFIN, OHIO | AL-5645 (FAA) | 23054

VOR RWY 6

SENECA COUNTY (16G)

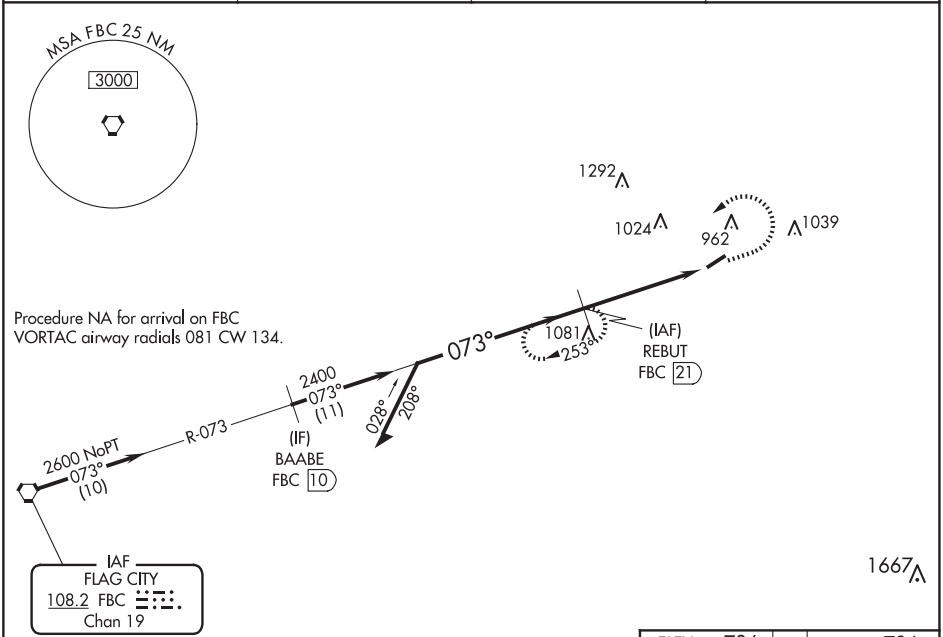
VORTAC FBC	APP CRS	Rwy Idg	4000
108.2	073°	TDZE	786
Chan 19		Apt Elev	786

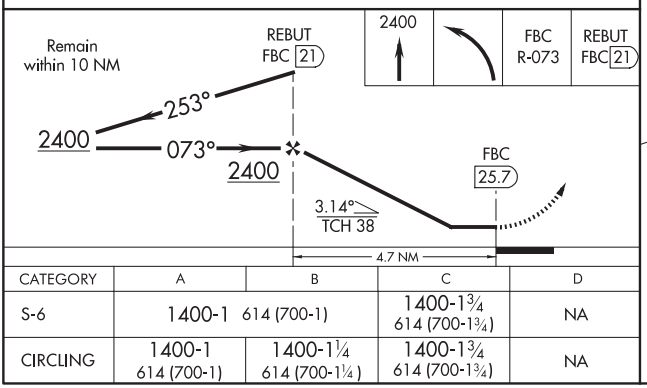
DME required.

Circling to Rwy 24 NA at night. Rwy 6 helicopter reduction below ¾ SM NA. When local altimeter not received, use Findlay altimeter setting and increase all MDA 60 feet and S-6 Cat C visibility ⅛ SM and Circling Cat C visibility ¼ SM.

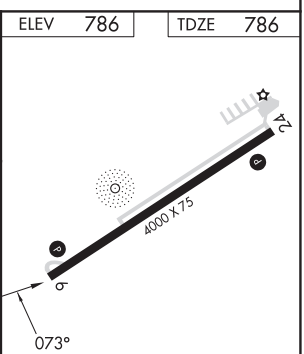
MISSED APPROACH: Climb to 2400 then left turn on FBC VORTAC R-073 to REBUT/FBC 21 DME and hold.

AWOS-3	FDY ASOS	TOLEDO APP CON	UNICOM
127.175	132.85	120.8 317.55	123.0 (CTAF) L





2400		FBC R-073	REBUT FBC 21



CATEGORY	A	B	C	D
S-6	1400-1 614 (700-1)		1400-1¾ 614 (700-1¾)	NA
CIRCLING	1400-1 614 (700-1)	1400-1¼ 614 (700-1¼)	1400-1¾ 614 (700-1¾)	NA

MIRL Rwy 6-24 L
REIL Rwys 6 and 24 L

TIFFIN, OHIO
Amdt 9B 19JUL18

41°06'N-83°13'W

SENECA COUNTY (16G)
VOR RWY 6

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

NDB RWY 24

SENECA COUNTY (16G)

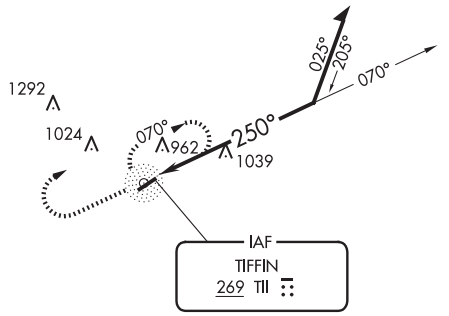
NDB TII 269	APP CRS 250°	Rwy Idg 4000 TDZE 785 Apt Elev 786

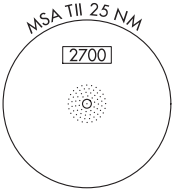
Rwy 24 helicopter visibility reduction below 1 SM NA. When local altimeter setting not received, use Findlay altimeter setting and increase all MDAs 60 feet, increase S-24 Cat C visibility ⅛ SM, and Circling Cat D visibility ¼ SM. Straight-in Rwy 24 NA at night, Circling Rwy 24 NA at night.

NA

MISSED APPROACH: Climb to 2400 then right turn direct TII NDB and hold.

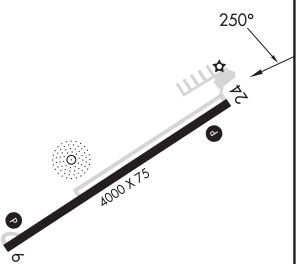
AWOS-3	FDY ASOS	TOLEDO APP CON	UNICOM
127.175	132.85	120.8 317.55	123.0 (CTAF) L

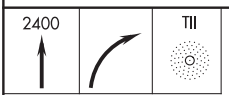


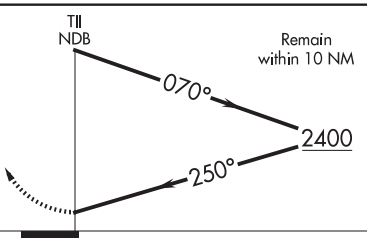


1667

ELEV 786 TDZE 785







CATEGORY	A	B	C	D
S-24	1460-1	675 (700-1)	1460-1⅞ 675 (700-1⅞)	1460-2 675 (700-2)
CIRCLING	1460-1	674 (700-1)	1460-2 674 (700-2)	1560-2½ 774 (800-2½)

MIRL Rwy 6-24 L
REIL Rwys 6 and 24 L

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

TOLEDO, OHIO | AL-184 (FAA) | 25163

ILS Z or LOC Z RWY 7

EUGENE F KRANZ TOLEDO EXPRESS (TOL)

LOC I-TOL	APP CRS	Rwy Ldg	TDZE	Apt Elev
109.7	072°	10599	683	683

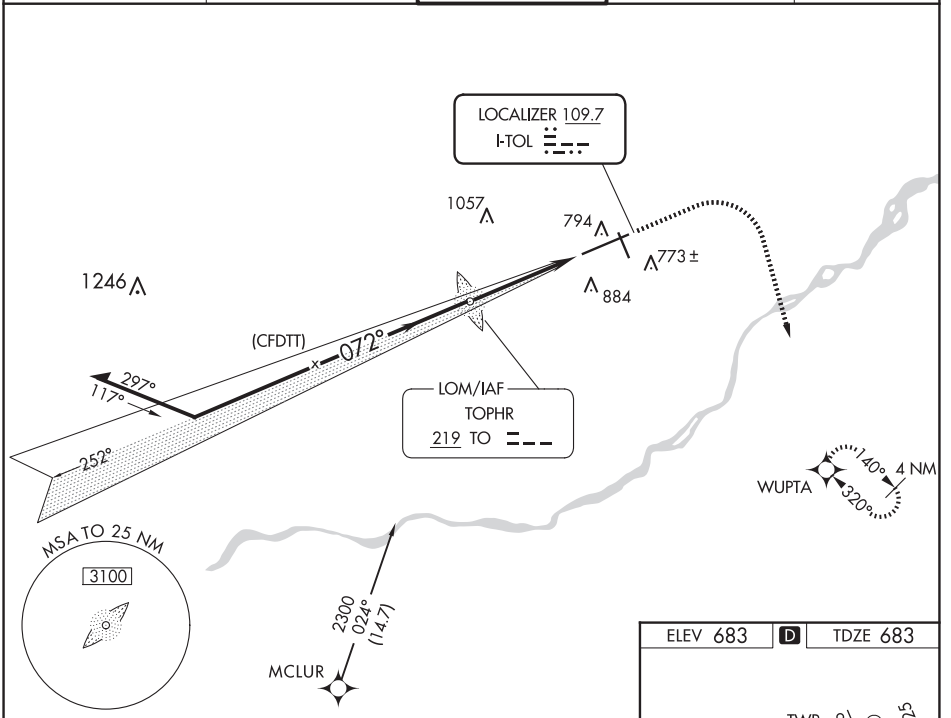
ADF or RADAR required for procedure entry. RNAV 1-GPS required. ADF required for LOC only.

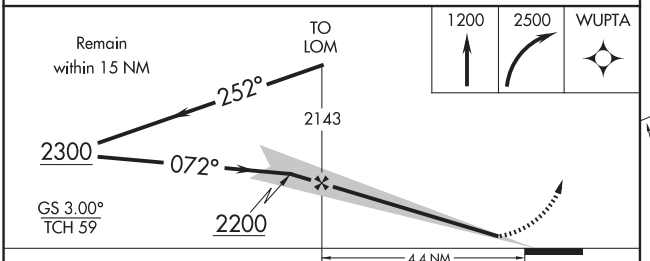
T A ASR — For inop ALS, increase S-ILS 7 Cat E visibility to RVR 4000, S-LOC 7 Cat C/D/E visibility to 1⅜ SM.

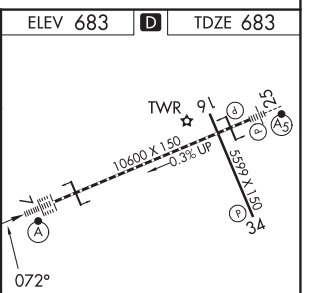
ALSF-2

MISSED APPROACH: Climb to 1200 then climbing right turn to 2500 direct WUPTA and hold.

ATIS	TOLEDO APP CON	TOLEDO TOWER	GND CON	CLNC DEL
118.75 290.225	134.35 317.55	118.1 285.4	121.9 348.6	121.75 348.6







CATEGORY	A	B	C	D	E
S-ILS 7	883/18 200 (200-½)				
S-LOC 7	1140/24 457 (500-½)		1140/45 457 (500-⅞)		
C CIRCLING	1200-1 517 (600-1)		1300-1¾ 617 (700-1¾)	1360-2¼ 677 (700-2¼)	1360-2½ 677 (700-2½)

TDZ/CL Rwy 7
HIRL Rwy 7-25
MIRL Rwy 16-34
REIL Rwys 16 and 34

FAF to MAP 4.4 NM

Knots	60	90	120	150	180
Min:Sec	4:24	2:56	2:12	1:46	1:28

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

LOC/DME I-BQE	APP CRS	Rwy Ldg 10599
108.7 Chan 24	252°	TDZE 678 Apt Elev 684

ILS Z or LOC Z RWY 25

EUGENE F KRANZ TOLEDO EXPRESS (TOL)

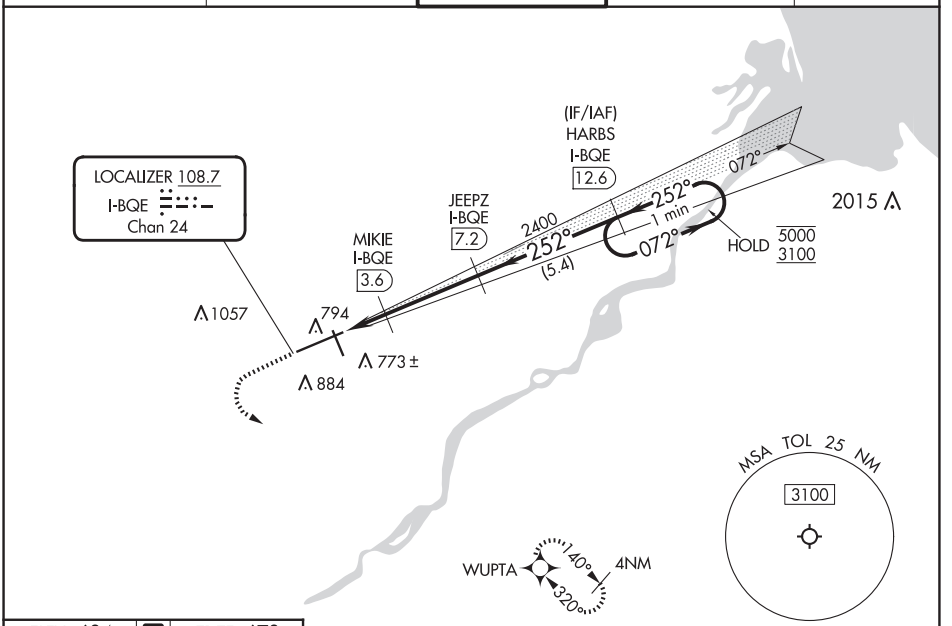
RADAR required for procedure entry. DME, RNAV 1-GPS required.

T A ASR For inop ALS, increase S-ILS 25 Cat E visibility to RVR 4000, and S-LOC 25 Cat E visibility to RVR 5000.
* RVR 1800 authorized with use of FD or AP or HUD to DA.

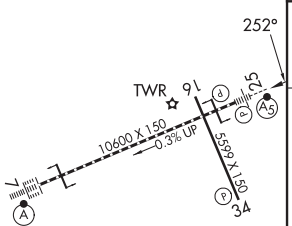
MALSR

MISSED APPROACH: Climb to 1100 then climbing left turn to 2500 direct WUPTA and hold.

ATIS	TOLEDO APP CON	TOLEDO TOWER	GND CON	CLNC DEL
118.75 290.225	134.35 317.55	118.1 285.4	121.9 348.6	121.75 348.6



ELEV 684 D TDZE 678

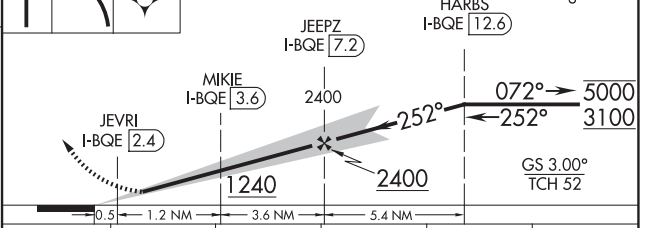


TDZ/CL Rwy 7
HIRL Rwy 7-25
MIRL Rwy 16-34
REIL Rwys 16 and 34

1100 2500 WUPTA

VGSI and ILS glidepath not coincident (VGSI Angle 3.00/TCH 69).

One Minute Holding Pattern



CATEGORY	A	B	C	D	E
S-ILS 25 *	878/24 200 (200-½)				
S-LOC 25	1000/24 322 (400-½)		1000/26 322 (400-½)		
C CIRCLING	1200-1 516 (600-1)		1300-1¾ 616 (700-1¾)	1360-2¼ 676 (700-2¼)	1360-2½ 676 (700-2½)

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

TOLEDO, OHIO | AL-184 (FAA) | 25163

WAAS	APP CRS	Rwy Ldg	10599
CH 99399	072°	TDZE	683
W07A		Apt Elev	683

RNAV (GPS) RWY 7

EUGENE F KRANZ TOLEDO EXPRESS (TOL)

RNP APCH.

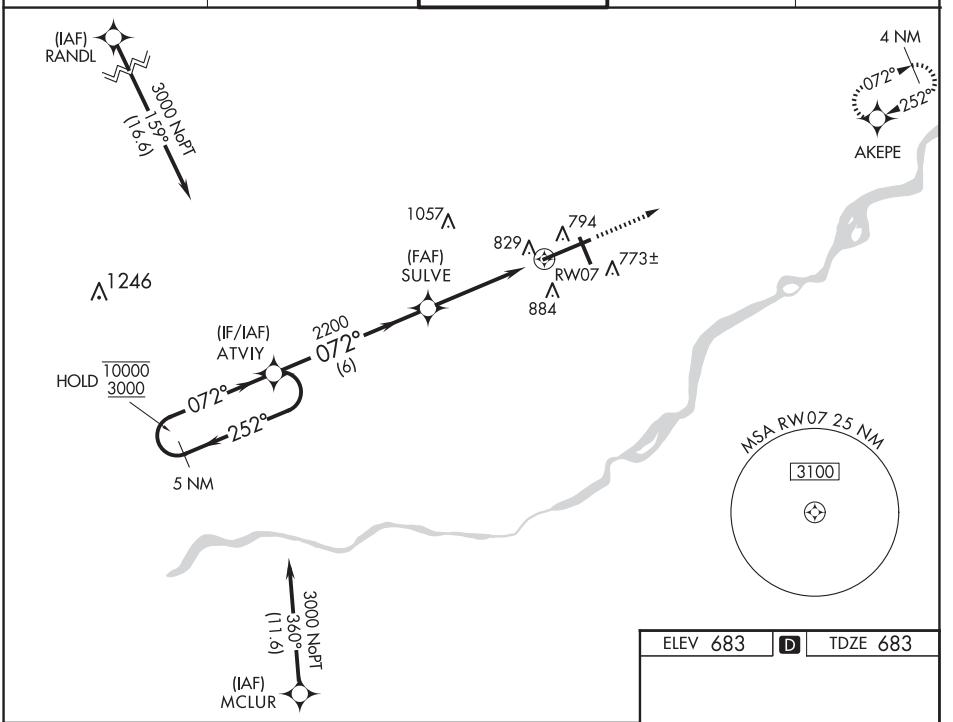
ASR

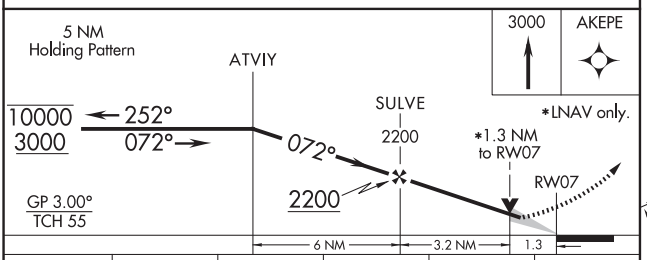
For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -17°C or above 52°C. For inop ALS, increase LPV all Cats visibility to RVR 5000. Increase LNAV/VNAV Cat E and LNAV Cat E visibility to 1⅜ SM.

ALSF-2

MISSED APPROACH: Climb to 3000 direct AKEPE and hold.

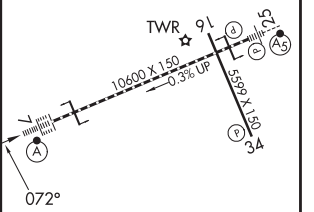
ATIS	TOLEDO APP CON	TOLEDO TOWER	GND CON	CLNC DEL
118.75 290.225	134.35 317.55	118.1 285.4	121.9 348.6	121.75 348.6





CATEGORY	A	B	C	D	E
LPV DA	1018/40 335 (400-¾)				
LNAV/VNAV DA	1129/50 446 (500-1)				
LNAV MDA	1140/24 457 (500-½)		1140/40 457 (500-¾)	1140/50 457 (500-1)	
C CIRCLING	1200-1 517 (600-1)		1300-1¾ 617 (700-1¾)	1360-2¼ 677 (700-2¼)	1360-2½ 677 (700-2½)

ELEV 683 | D | TDZE 683



TDZ/CL Rwy 7
HIRL Rwy 7-25
MIRL Rwy 16-34
REIL Rwys 16 and 34

EC-2, 12 JUN 2025 to 07 AUG 2025

EC-2, 12 JUN 2025 to 07 AUG 2025

RNAV (GPS) RWY 16

EUGENE F KRANZ TOLEDO EXPRESS (TOL)

APP CRS	Rwy Ldg	5599
162°	TDZE	674
	Apt Elev	683

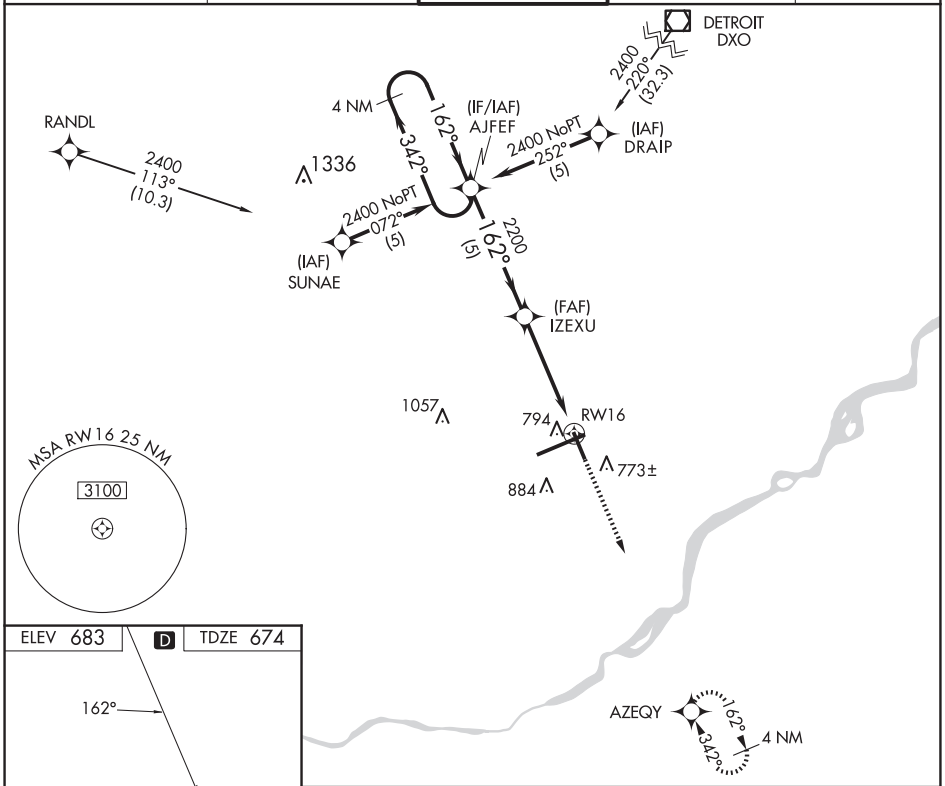
RNP APCH.

ASR

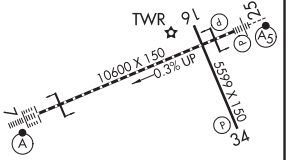
Rwy 16 helicopter visibility reduction below ¾ SM NA.

MISSED APPROACH: Climb to 2300 direct AZEQY and hold.

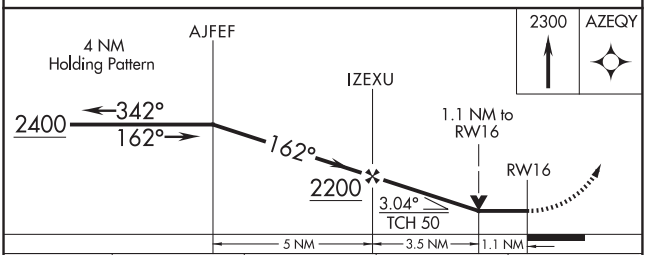
ATIS	TOLEDO APP CON	TOLEDO TOWER	GND CON	CLNC DEL
118.75 290.225	134.35 317.55	118.1 285.4	121.9 348.6	121.75 348.6



ELEV 683 D TDZE 674



TDZ/CL Rwy 7
HIRL Rwy 7-25
MIRL Rwy 16-34
REIL Rwys 16 and 34



CATEGORY	A	B	C	D
LNAV MDA	1060-1	386 (400-1)	1060-1⅛ 386 (400-1⅛)	1060-1¼ 386 (400-1¼)
C CIRCLING	1200-1	517 (600-1)	1360-2 677 (700-2)	1400-2¼ 717 (800-2¼)

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TOLEDO, OHIO | AL-184 (FAA) | 25163

WAAS	APP CRS	Rwy Ldg	10599
CH 48899	252°	TDZE	678
W25A		Apt Elev	683

RNAV (GPS) RWY 25

EUGENE F KRANZ TOLEDO EXPRESS (TOL)

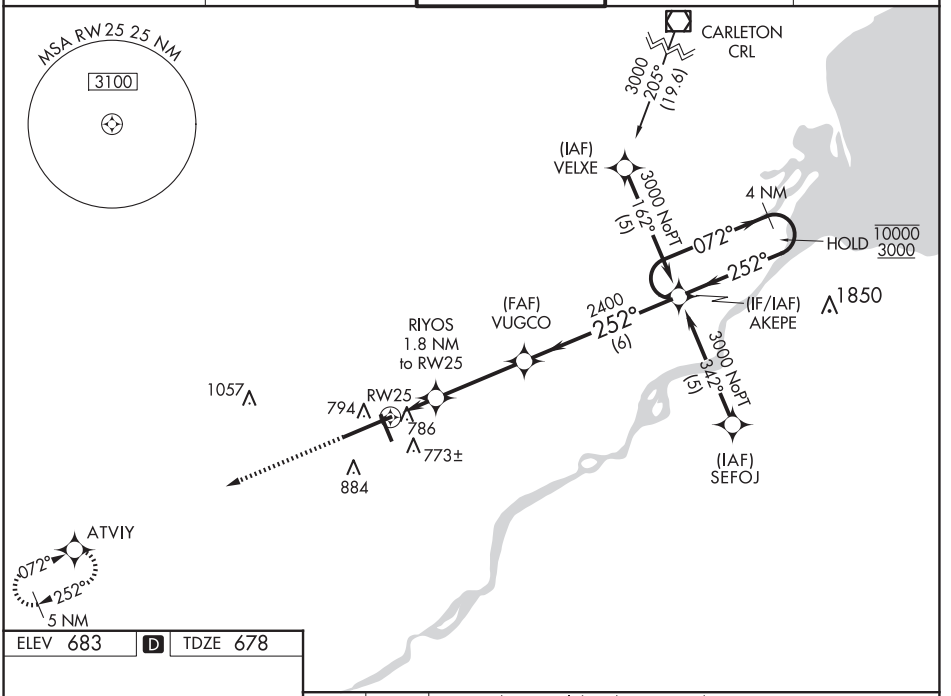
RNP APCH.

T A ASR — For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -17°C or above 52°C. For inoperative ALS, increase LPV Cat E visibility to RVR 4000, LNAV/VNAV Cat E visibility to 1½ SM, LNAV Cat D/E visibility to RVR 6000. ** RVR 1800 authorized with the use of FD or AP or HUD to DA.

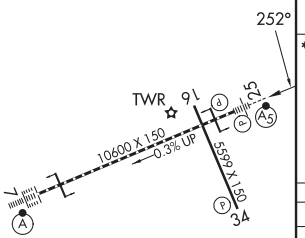
MALSR

MISSED APPROACH: Climb to 3000 direct ATVIY and hold.

ATIS	TOLEDO APP CON	TOLEDO TOWER	GND CON	CLNC DEL
118.75 290.225	134.35 317.55	118.1 285.4	121.9 348.6	121.75 348.6



ELEV 683 | D | TDZE 678

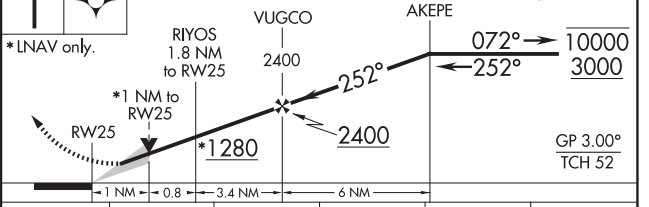


TDZ/CL Rwy 7
HIRL Rwy 7-25
MIRL Rwy 16-34
REIL Rwys 16 and 34

3000 | ATVIY

VGSI and RNAV glidepath not coincident (VGSI Angle 3.00/TCH 69).

*LNAV only.



CATEGORY	A	B	C	D	E
LPV DA**	878/24 200 (200-½)				
LNAV/VNAV DA	1065/50 387 (400-1)				
LNAV MDA	1040/24 362 (400-½)			1040/50 362 (400-1)	
C CIRCLING	1200-1 517 (600-1)		1300-1¾ 617 (700-1¾)	1360-2¼ 677 (700-2¼)	1360-2½ 677 (700-2½)

EC-2, 12 JUN 2025 to 07 AUG 2025
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RNAV (GPS) RWY 34

EUGENE F KRANZ TOLEDO EXPRESS (TOL)

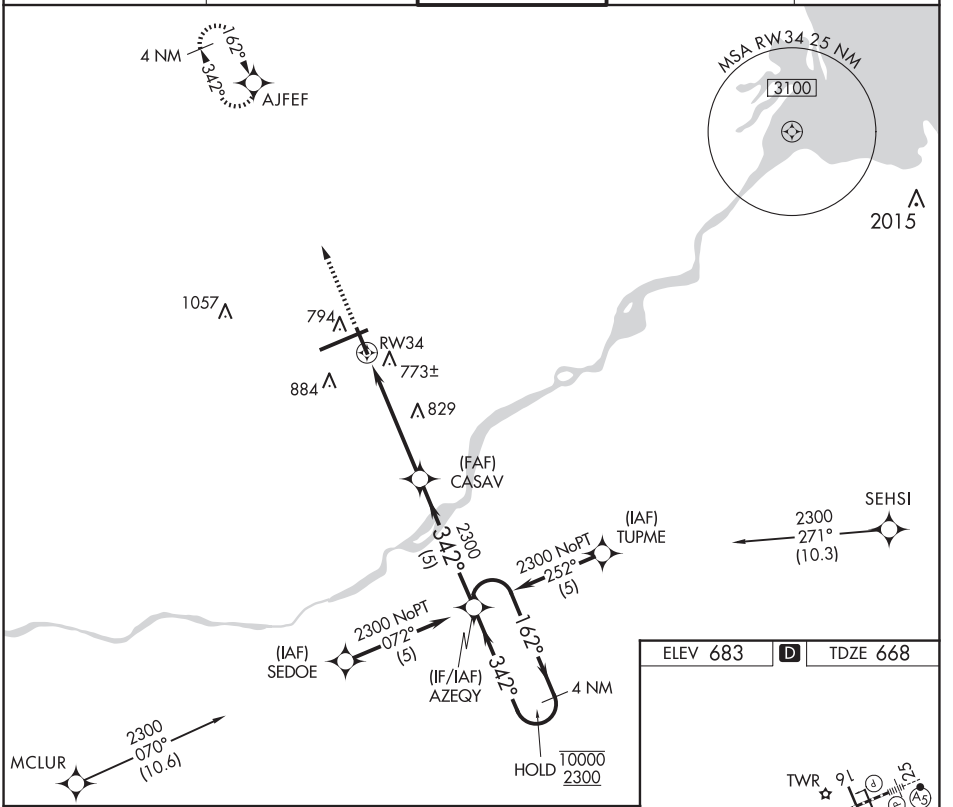
APP CRS	Rwy Ldg	5599
342°	TDZE	668
	Apt Elev	683

RNP APCH.

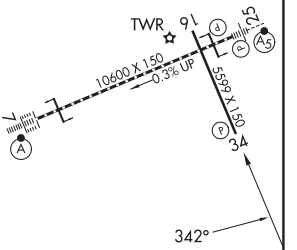
T A ASR Rwy 34 helicopter visibility reduction below ¾ SM NA.

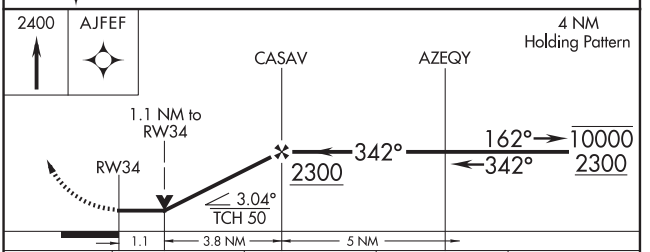
MISSED APPROACH: Climb to 2400 direct AJFEF and hold.

ATIS	TOLEDO APP CON	TOLEDO TOWER	GND CON	CLNC DEL
118.75 290.225	134.35 317.55	118.1 285.4	121.9 348.6	121.75 348.6



ELEV 683 D TDZE 668





CATEGORY	A	B	C	D
LNAV MDA	1080-1 412 (400-1)		1080-1¼ 412 (400-1¼)	
C CIRCLING	1200-1 517 (600-1)		1300-1¾ 617 (700-1¾)	1360-2¼ 677 (700-2¼)

TDZ/CL Rwy 7
HIRL Rwy 7-25
MIRL Rwy 16-34
REIL Rwys 16 and 34

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

25163

AIRPORT DIAGRAM

EUGENE F KRANZ TOLEDO EXPRESS (TOL)

TOLEDO, OHIO

AL-184 (FAA)

AIRPORT DIAGRAM

25163

TOLEDO, OHIO

EUGENE F KRANZ TOLEDO EXPRESS (TOL)

EC-2, 12 JUN 2025 to 07 AUG 2025

RNAV (GPS) RWY 4

TOLEDO EXEC (TDZ)

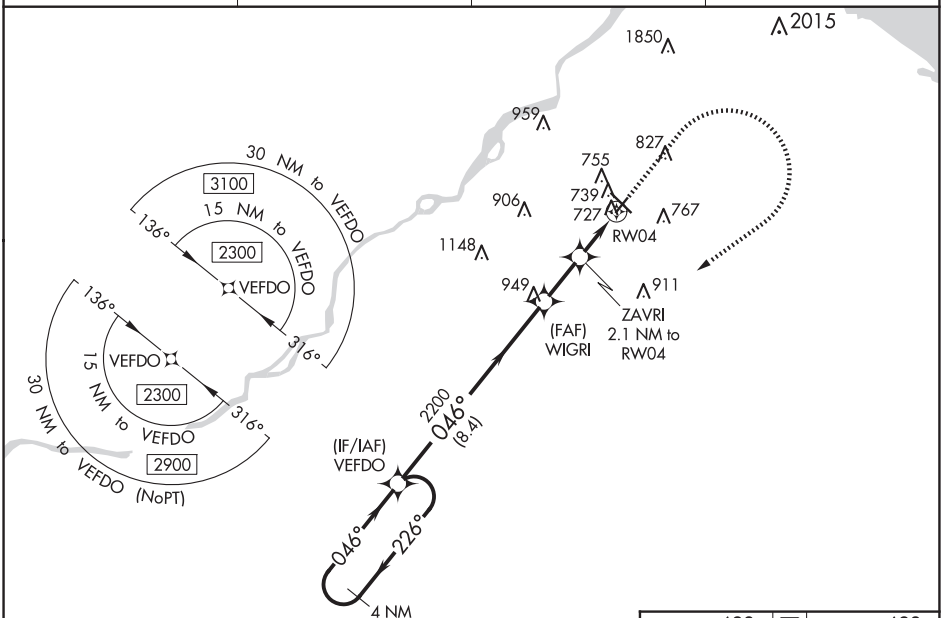
WAAS	APP CRS		
CH 82223 W04A	046°	Rwy Idg	3699
		TDZE	623
		Apt Elev	623

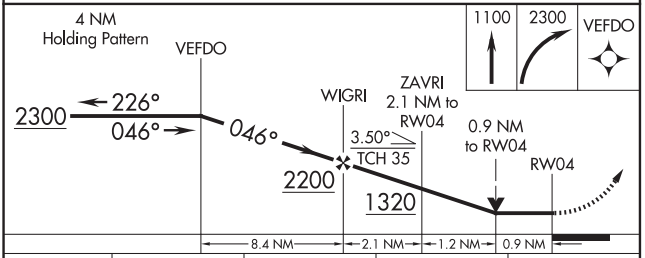
RNP APCH.

Circling Rwy 14 NA at night. Rwy 4 helicopter visibility reduction below ¾SM NA. When local altimeter setting not received, use Toledo Express altimeter setting and increase all MDA 60 feet, LP Cats C/D visibility ⅛ mile, increase LNAV and Circling Cats C/D visibility ¼ mile.

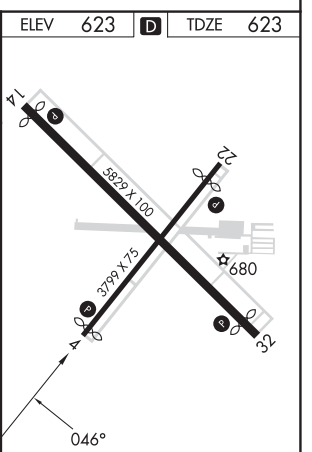
MISSED APPROACH: Climb to 1100 then climbing right turn to 2300 direct VEFDO and hold.

ASOS	TOLEDO APP CON	CLNC DEL	UNICOM
121.575	126.1 307.0	125.6	123.05 (CTAF) L





CATEGORY	A	B	C	D
LP MDA	980-1 357 (400-1)			
LNAV MDA	1000-1 377 (400-1)			
C CIRCLING	1080-1 457 (500-1)	1100-1 477 (500-1)	1200-1½ 577 (600-1½)	1320-2¼ 697 (700-2¼)



MIRL Rwys 4-22 and 14-32 L
REIL Rwys 4, 14, and 22 L

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

TOLEDO, OHIO | AL-421 (FAA) | 23110

RNAV (GPS) RWY 32

TOLEDO EXEC (TDZ)

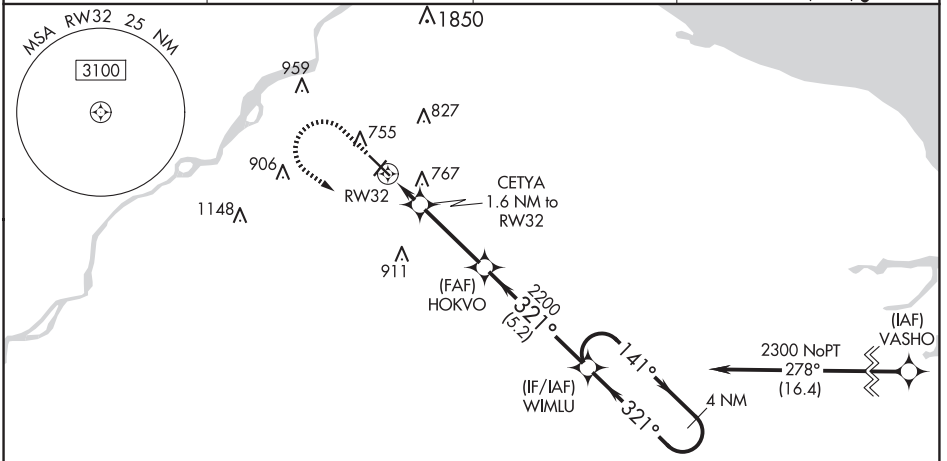
WAAS	APP CRS	Rwy Idg	4927
CH 70524	321°	TDZE	621
W32A		Apt Elev	623

RNP APCH.

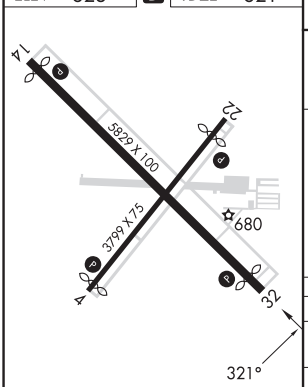
Circling Rwy 14 NA at night. Baro-VNAV NA when using Toledo Express altimeter setting. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -20°C (-4°F) or above 54°C (130°F). Rwy 32 helicopter visibility reduction below ¾ SM NA. When local altimeter setting not received, use Toledo Express altimeter setting and increase LPV DA to 914, LNAV/VNAV to 1123, increase LPV all Cats visibility ⅛ SM. Increase all MDA 60 feet and increase LNAV Cats C and D and Circling Cat D visibility ¼ SM.

MISSED APPROACH: Climb to 1100 then climbing left turn to 2300 direct WIMLU and hold.

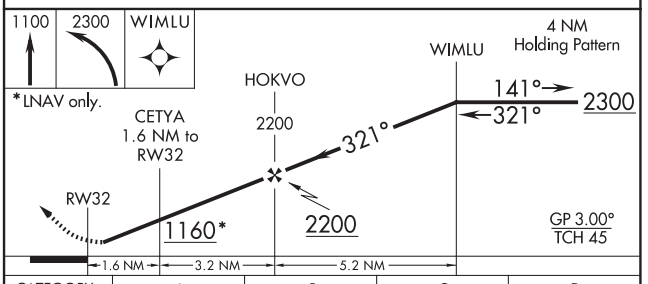
ASOS	TOLEDO APP CON	CLNC DEL	UNICOM
121.575	126.1 307.0	125.6	123.05 (CTAF) L



ELEV 623 | D | TDZE 621



REIL Rwys 4, 14 and 22 L
MIRL Rwys 4-22 and 14-32 L



CATEGORY	A	B	C	D
LPV DA	871-¾ 250 (300-¾)			
LNAV/VNAV DA	1080-1⅜ 459 (500-1⅜)			
LNAV MDA	1020-1 399 (400-1)		1020-1⅛ 399 (400-1⅛)	
C CIRCLING	1080-1 457 (500-1)	1100-1 477 (500-1)	1200-1½ 577 (600-1½)	1320-2¼ 697 (700-2¼)

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

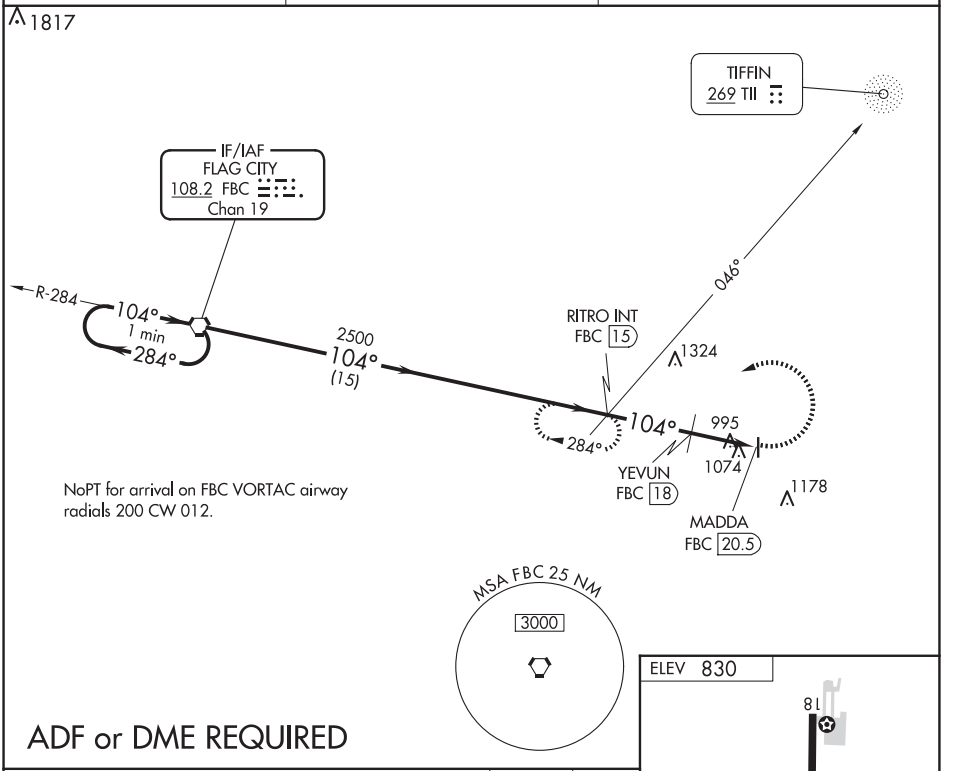
VORTAC FBC	APP CRS	Rwy Idg	N/A
108.2	104°	TDZE	N/A
Chan 19		Apt Elev	830

VOR-A
WYANDOT COUNTY (56D)

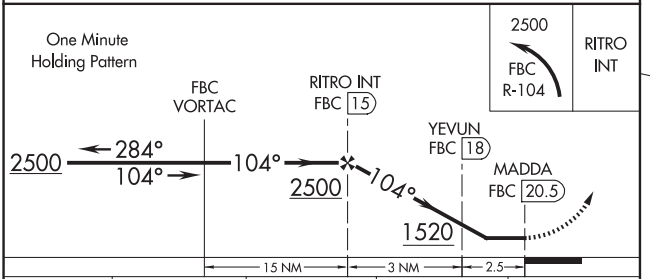
NA — Procedure NA at night. When local altimeter setting not received, use Marion altimeter setting: increase all MDAs 40 feet and visibility Cat C/D ¼ SM.

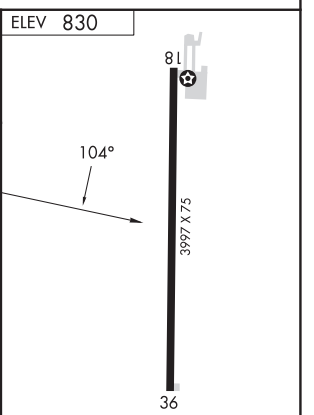
MISSED APPROACH: Climbing left turn to 2500 on FBC VORTAC R-104 to RITRO INT/15 DME and hold.

FDY ASOS	CLEVELAND APP CON ★	UNICOM
132.85	128.35 360.65	123.05 (CTAF) L



ADF or DME REQUIRED





CATEGORY	A	B	C	D
CIRCLING	1520-1 690 (700-1)	1520-1¼ 690 (700-1¼)	1540-2 710 (800-2)	1540-2¼ 710 (800-2¼)
YEVUN FIX MINIMUMS (DME REQUIRED)				
CIRCLING	1420-1 590 (600-1)	1440-1 610 (700-1)	1540-2 710 (800-2)	1540-2¼ 710 (800-2¼)

LIRL Rwy 18-36 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

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

URBANA, OHIO | AL-6706 (FAA) | 25163

RNAV (GPS) RWY 2

GRIMES FLD (I74)

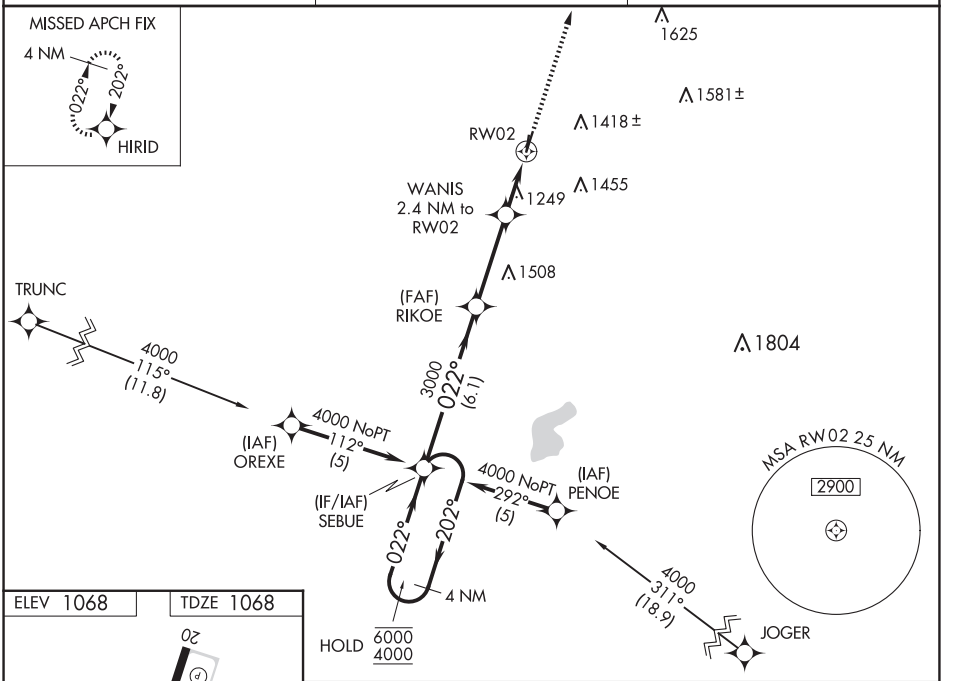
WAAS CH 53719 W02A	APP CRS 022°	Rwy Ldg 4400	TDZE 1068	Apt Elev 1068

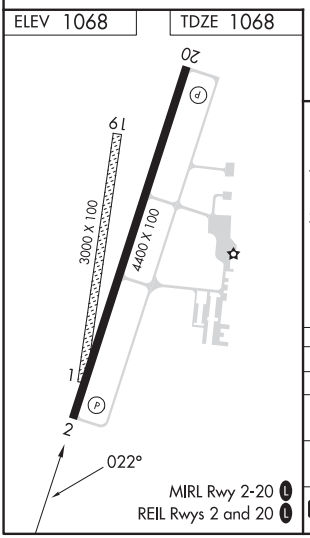
RNP APCH.

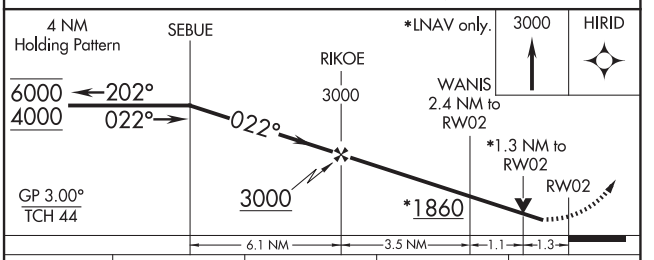
Baro-VNAV and VDP NA when using Springfield altimeter setting. Rwy 2 helicopter visibility reduction below ¾ SM NA. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -17°C or above 54°C. When local altimeter setting not received, use Springfield altimeter setting and increase all DAs 44 feet, all MDAs 60 feet, increase LNAV/VNAV all Cats visibility ¼ SM, and increase Circling Cat C visibility ¼ SM. Circling NA to Rwys 1 and 19.

MISSED APPROACH: Climb to 3000 direct HIRID and hold.

AWOS-3	COLUMBUS APP CON	UNICOM
118.325	134.45 294.5	122.7 (CTAF) L







CATEGORY	A	B	C	D
LPV DA	1318-1 250 (300-1)			NA
LNAV/VNAV DA	1501-1½ 433 (500-1½)			NA
LNAV MDA	1500-1 432 (500-1)		1500-1¼ 432 (500-1¼)	NA
C CIRCLING	1580-1 512 (600-1)	1780-1 712 (800-1)	1800-2 732 (800-2)	NA

URBANA, OHIO
Amdt 1C 30JAN20

40°08'N-83°45'W

GRIMES FLD (I74)

RNAV (GPS) RWY 2

EC-2, 12 JUN 2025 to 07 AUG 2025

EC-2, 12 JUN 2025 to 07 AUG 2025

WAAS	APP CRS	Rwy Idg	4400
CH 78419	202°	TDZE	1068
W20A		Apt Elev	1068

RNAV (GPS) RWY 20

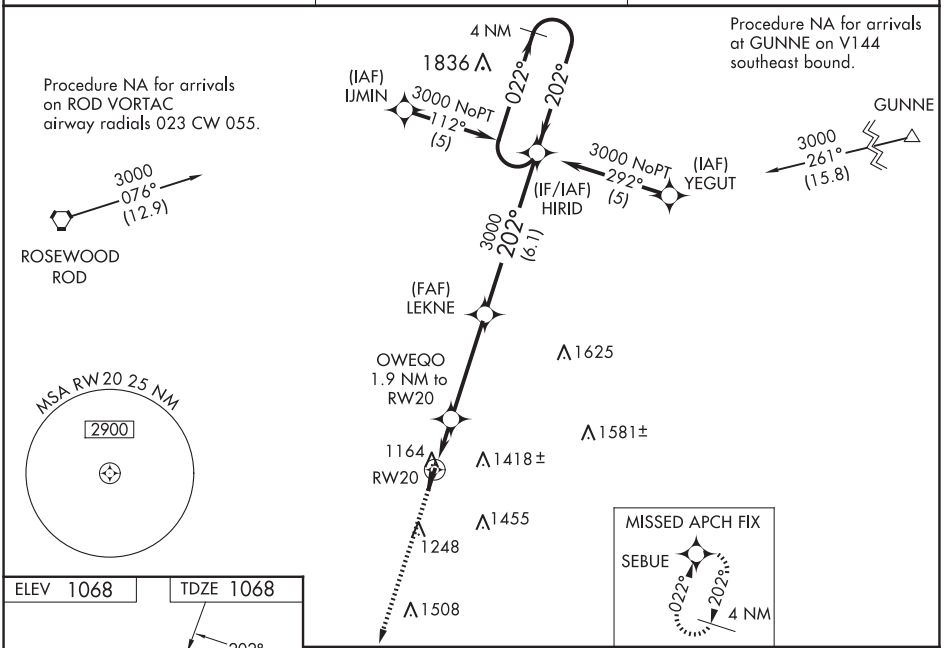
GRIMES FLD (I74)

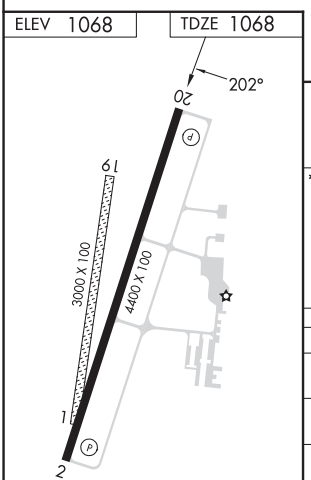
RNP APCH.

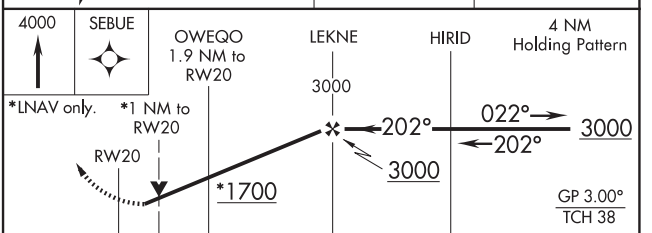
Baro-VNAV NA when using Springfield altimeter setting. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -17°C (2°F) or above 54°C (130°F). Rwy 20 helicopter visibility reduction below ¾ SM NA. When local altimeter setting not received, use Springfield altimeter setting and increase all DAs 44 feet, all MDAs 60 feet, increase LPV all Cats and LNAV Cat C visibility ¼ SM, and increase Circling Cat C visibility ¼ SM. VDP NA with Springfield altimeter setting. Circling NA to Rwys 1 and 19.

MISSED APPROACH: Climb to 4000 direct SEBUE and hold.

AWOS-3	COLUMBUS APP CON	UNICOM
118.325	134.45 294.5	122.7 (CTAF) L







CATEGORY	A	B	C	D
LPV DA	1347-1 279 (300-1)			NA
LNAV/VNAV DA	1469-1½ 401 (500-1½)			NA
LNAV MDA	1420-1 352 (400-1)			NA
C CIRCLING	1580-1 512 (600-1)	1780-1 712 (800-1)	1800-2 732 (800-2)	NA

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

URBANA, OHIO | AL-6706 (FAA) | 24137

VOR-A

GRIMES FLD (I74)

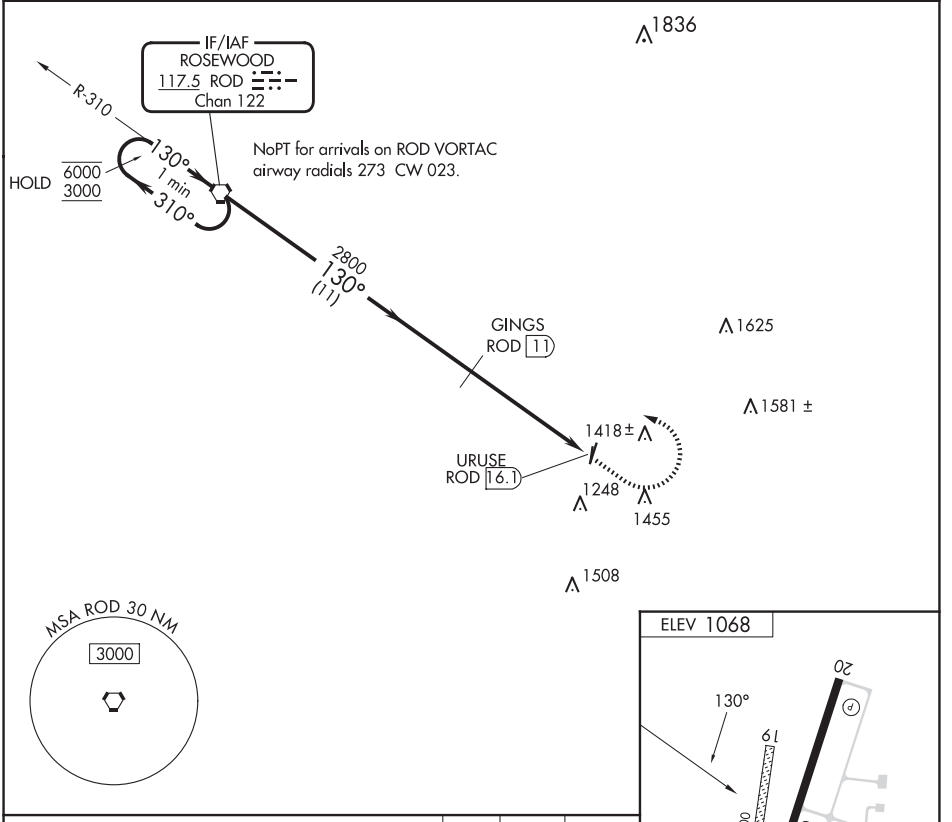
VORTAC ROD	APP CRS	Rwy Idg	N/A
117.5	130°	TDZE	N/A
Chan 122		Apt Elev	1068

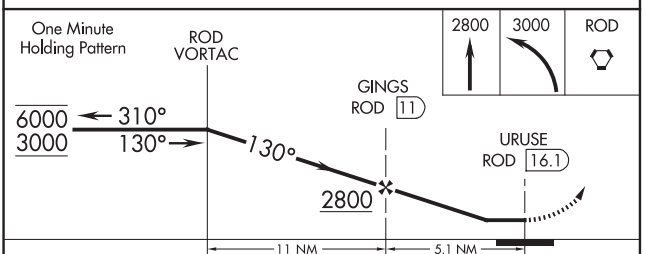
DME required.

Circling NA to Rwys 1 and 19. When local altimeter setting not received, use Springfield altimeter setting and increase all MDAs 60 feet and Cat C visibility ¼ SM.

MISSED APPROACH: Climb to 2800 then climbing left turn to 3000 direct ROD VORTAC and hold.

AWOS-3	COLUMBUS APP CON	UNICOM
118.325	134.45 294.5	122.7 (CTAF) L





CATEGORY	A	B	C	D
C CIRCLING	1580-1 512 (600-1)	1780-1 712 (800-1)	1800-2 732 (800-2)	NA

MIRL Rwy 2-20 L
REIL Rwys 2 and 20 L

URBANA, OHIO
Amdt 6 10OCT19

40°08'N-83°45'W

GRIMES FLD (I74)
VOR-A

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

ILS or LOC RWY 27

PORTER COUNTY RGNL (VPZ)

LOC I-VPZ	APP CRS	Rwy Idg	6500
109.7	272°	TDZE	770
		Apt Elev	770

ADF required.

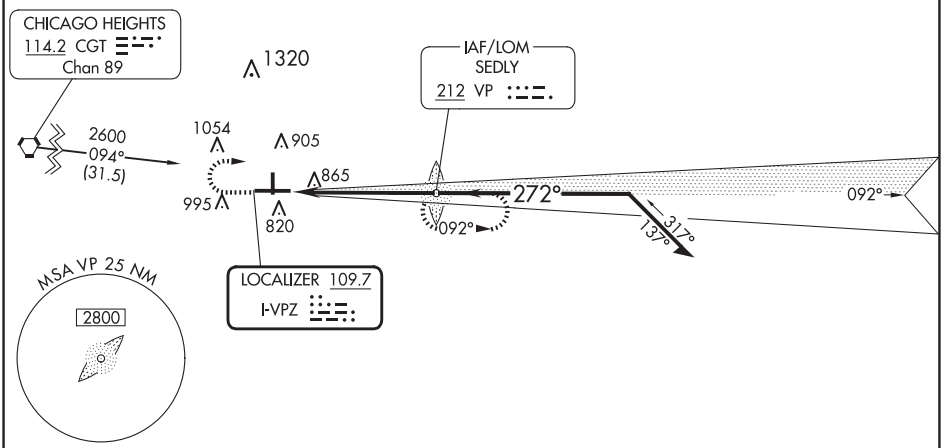
T A For inop ALS, increase S-LOC 27 Cats C and D visibility to 1 SM.

MALSR

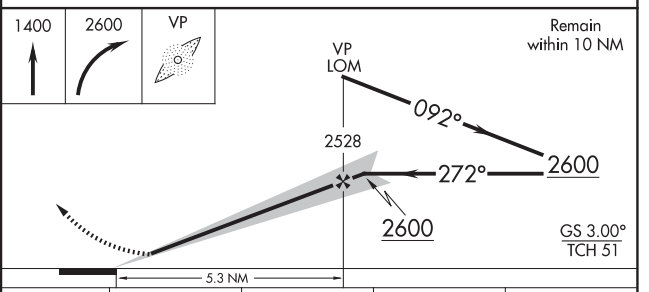
MISSED APPROACH: Climb to 1400, then climbing right turn to 2600 direct SEDLY LOM and hold, continue climb-in-hold to 2600.

ASOS	SOUTH BEND APP CON ★	CLNC DEL	UNICOM
125.875	132.05 257.8	120.525	122.725 (CTAF) L

Procedure NA for arrivals at CGT VORTAC on V8-92 westbound.



ELEV 770 D TDZE 770



HIRL Rwy 9-27 L
MIRL Rwy 18-36 L
REIL Rwys 9, 18 and 36 L

FAF to MAP 5.3 NM

Knots	60	90	120	150	180
Min:Sec	5:18	3:32	2:39	2:07	1:46

CATEGORY	A	B	C	D
S-ILS 27	970-½ 200 (200-½)			
S-LOC 27	1120-½ 350 (400-½)		1120-⅝ 350 (400-⅝)	
CIRCLING	1260-1 490 (500-1)	1300-1 530 (600-1)	1360-1½ 590 (600-1½)	1620-2¾ 850 (900-2¾)

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

VALPARAISO, INDIANA | AL-5460 (FAA) | 23334

WAAS	APP CRS	Rwy Idg	6500
CH 42606	092°	TDZE	769
W09A		Apt Elev	770

RNAV (GPS) RWY 9

PORTER COUNTY RGNL (VPZ)

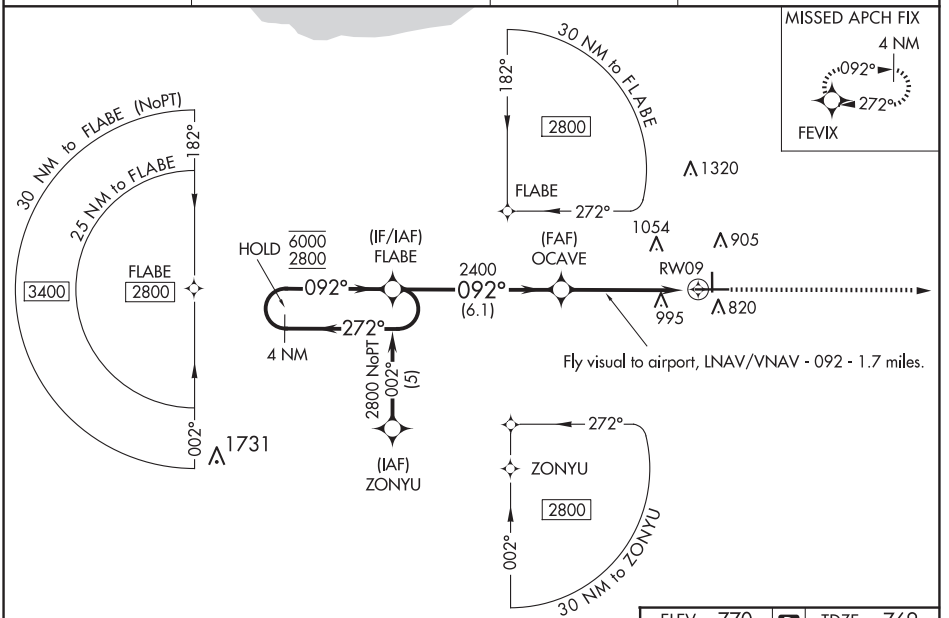
RNP APCH.

T
A

Rwy 9 helicopter visibility reduction below ¾ SM NA. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -16°C or above 47°C.

MISSED APPROACH: Climb to 2600 direct FEVIX and hold.

ASOS	SOUTH BEND APP CON ★	CLNC DEL	UNICOM
125.875	132.05 257.8	120.525	122.725 (CTAF) L

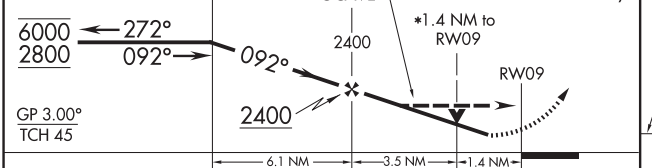


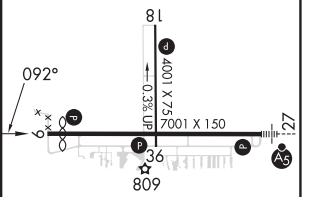
ELEV 770 D TDZE 769

Fly visual to airport, LNAV/VNAV - 092 - 1.7 miles.

2600 FEVIX

*LNAV only.





CATEGORY	A	B	C	D
LPV DA	1038-1		269 (300-1)	
LNAV/VNAV DA	1369-2		600 (600-2)	
LNAV MDA	1260-1 491 (500-1)		1260-1¼ 491 (500-1¼)	1260-1½ 491 (500-1½)
CIRCLING	1260-1 490 (500-1)	1300-1 530 (600-1)	1360-1½ 590 (600-1½)	1620-2¾ 850 (900-2¾)

HIRL Rwy 9-27 L
MIRL Rwy 18-36 L
REIL Rwys 9, 18 and 36 L

VALPARAISO, INDIANA
Amdt 1B 09SEP21

41°27'N-87°00'W

PORTER COUNTY RGNL (VPZ)
RNAV (GPS) RWY 9

EC-2, 12 JUN 2025 to 07 AUG 2025

EC-2, 12 JUN 2025 to 07 AUG 2025

RNAV (GPS) RWY 18

PORTER COUNTY RGNL (VPZ)

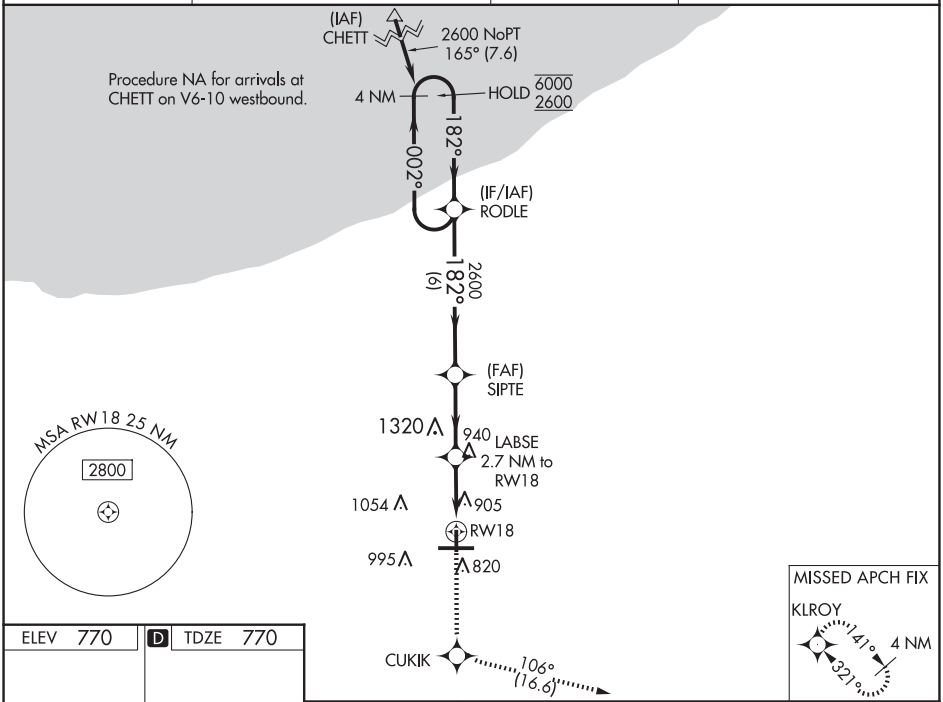
WAAS	APP CRS	Rwy Idg	4001
CH 82406 W18A	182°	TDZE	770
		Apt Elev	770

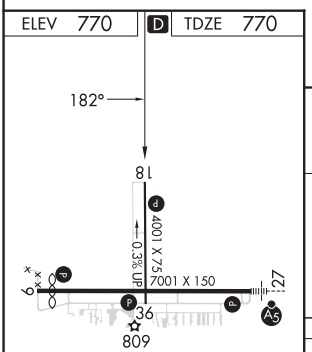
RNP APCH-GPS.

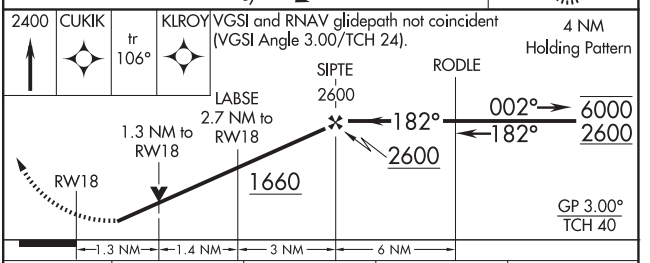
Rwy 18 helicopter visibility reduction below ¾ SM NA. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -21°C or above 54°C.

MISSED APPROACH: Climb to 2400 direct CUKIK and on track 106° to KLROY and hold.

ASOS	SOUTH BEND APP CON ★	CLNC DEL	UNICOM
125.875	132.05 257.8	120.525	122.725 (CTAF) L







CATEGORY	A	B	C	D
LPV DA	1059-⅞	289 (300-⅞)	NA	
LNAV/VNAV DA	1200-1¼	430 (500-1¼)	NA	
LNAV MDA	1200-1	430 (500-1)	NA	
CIRCLING	1260-1 490 (500-1)	1300-1 530 (600-1)	NA	

HIRL Rwy 9-27 L
MIRL Rwy 18-36 L
REIL Rwys 9, 18 and 36 L

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

VALPARAISO, INDIANA | AL-5460 (FAA) | 25163

RNAV (GPS) RWY 27

PORTER COUNTY RGNL (VPZ)

WAAS	APP CRS	Rwy Idg	6500
CH 86806	272°	TDZE	770
W27A		Apt Elev	770

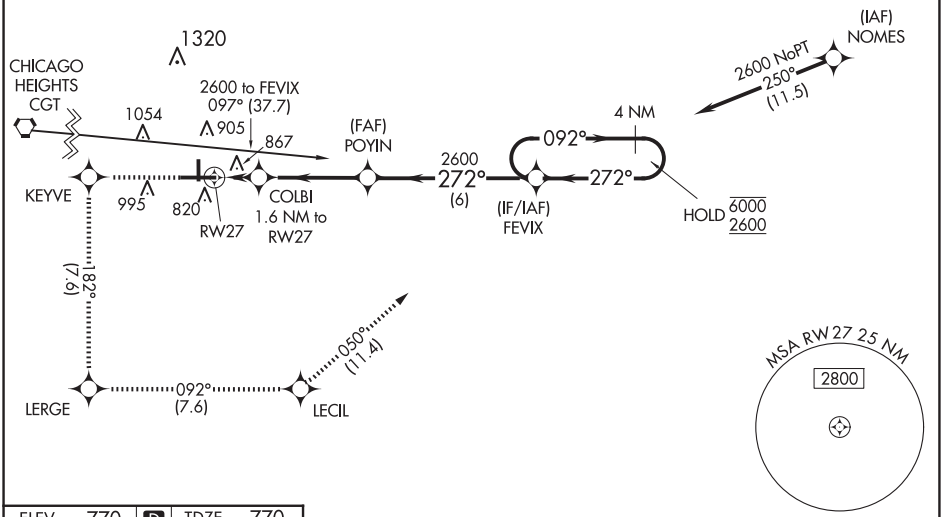
RNP APCH - GPS.

For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -16°C or above 54°C. For inop ALS, increase LNAV Cats C and D visibility to 1⅛ SM.

MALSR

MISSED APPROACH: Climb to 2600 direct KEYVE and on track 182° to LERGE and on track 092° to LECIL and on track 050° to FEVIX and hold.

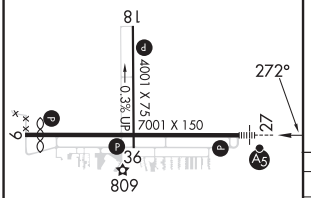
ASOS	SOUTH BEND APP CON ★	CLNC DEL	UNICOM
125.875	132.05 257.8	120.525	122.725 (CTAF) L

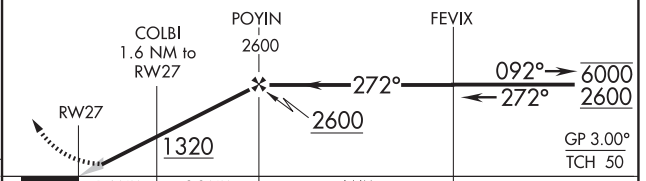


ELEV 770 D TDZE 770

2600	KEYVE	tr 182°	LERGE	tr 092°	LECIL	tr 050°	FEVIX

4 NM Holding Pattern





CATEGORY	A	B	C	D
LPV DA	1020-½	250 (300 -½)		
LNAV/VNAV DA	1201-¾	431 (500 -¾)		
LNAV MDA	1180-½	410 (500 -½)	1180-¾	410 (500-¾)
CIRCLING	1260-1 490 (500-1)	1300-1 530 (600-1)	1360-1½ 590 (600-1½)	1620-2¾ 850 (900-2¾)

HIRL Rwy 9-27 L
MIRL Rwy 18-36 L
REIL Rwys 9, 18 and 36 L

VALPARAISO, INDIANA
Orig-C 15JUN23

41°27′N-87°00′W

PORTER COUNTY RGNL (VPZ)

RNAV (GPS) RWY 27

EC-2, 12 JUN 2025 to 07 AUG 2025

EC-2, 12 JUN 2025 to 07 AUG 2025

AL-5460 (FAA)

EC-2, 12 JUN 2025 to 07 AUG 2025

EC-2, 12 JUN 2025 to 07 AUG 2025

VAN WERT, OHIO | AL-6033 (FAA) | 23222

RNAV (GPS) RWY 9
VAN WERT COUNTY (VNW)

APP CRS	Rwy Idg	4000
094°	TDZE	784
	Apt Elev	787

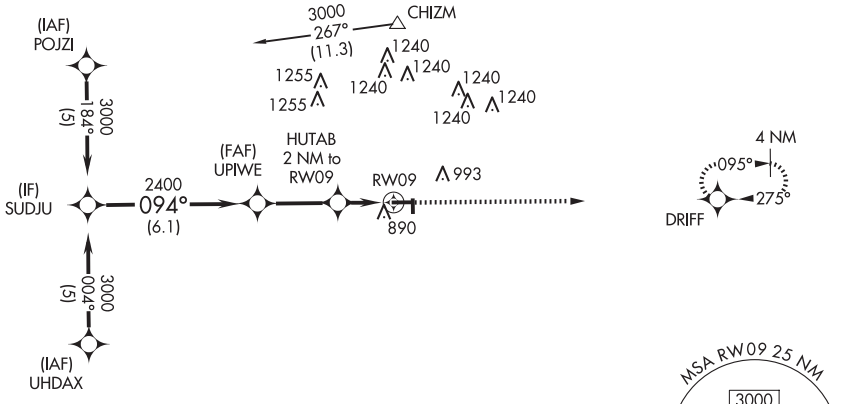
RNP APCH - GPS.

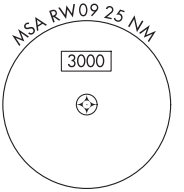
Circling NA to Rwys 18 and 36. Circling Rwy 27 NA at night. Rwy 9 helicopter visibility reduction below ¾ SM NA.

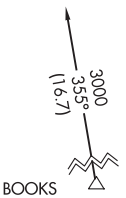
MISSED APPROACH: Climb to 3000 direct DRIFF and hold.

AWOS-3	FORT WAYNE APP CON	UNICOM
125.175	127.2 284.6	123.0 (CTAF) L

Procedure NA for arrivals at CHIZM on V38 eastbound.

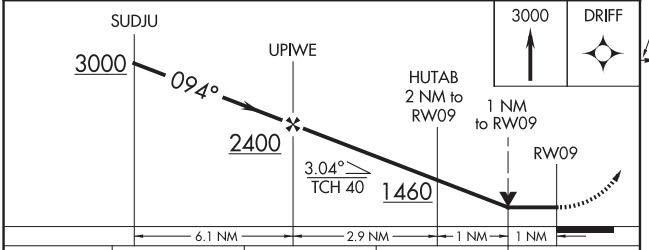






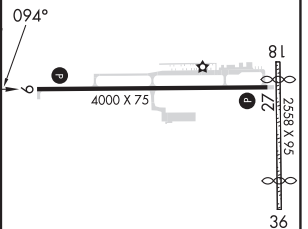
Procedure NA for arrivals at BOOKS on V55 southeast bound and V14 southwest bound.

1385



CATEGORY	A	B	C	D
LNAV MDA	1160-1 376 (400-1)			1160-1¼ 376 (400-1¼)
C CIRCLING	1340-1 553 (600-1)		1340-1½ 553 (600-1½)	1600-2¾ 813 (900-2¾)

ELEV 787 | TDZE 784



MIRL Rwy 9-27 L
REIL Rwys 9 and 27 L

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

RNAV (GPS) RWY 27
VAN WERT COUNTY (VNW)

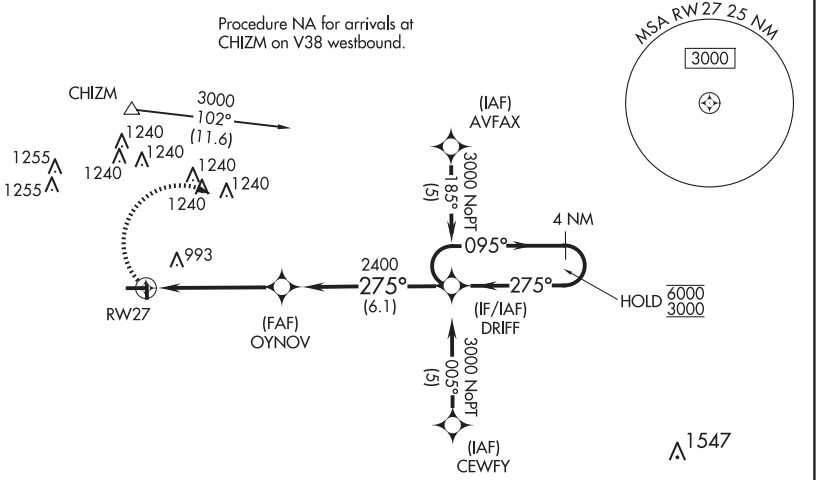
APP CRS	Rwy Idg	4000
275°	TDZE	786
	Apt Elev	787

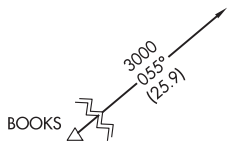
RNP APCH - GPS.

Circling NA to Rwys 18 and 36. Procedure NA at night. Rwy 27 helicopter visibility reduction below 1 SM NA.

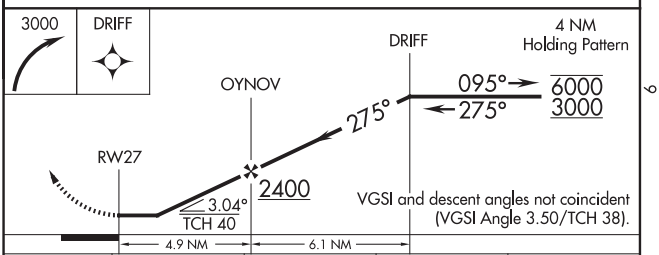
MISSED APPROACH: Climbing right turn to 3000 direct DRIFF and hold.

AWOS-3	FORT WAYNE APP CON	UNICOM
125.175	127.2 284.6	123.0 (CTAF) L



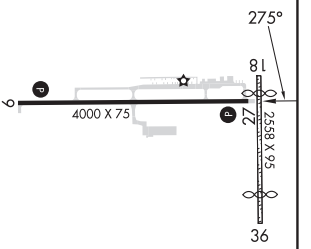


Procedure NA for arrivals at BOOKS on V14 southwest bound and V55 southeast bound.



CATEGORY	A	B	C	D
LNAV MDA	1280-1	494 (500-1)	1280-1⅜ 494 (500-1⅜)	1280-1½ 494 (500-1½)
C CIRCLING	1340-1	553 (600-1)	1340-1½ 553 (600-1½)	1600-2¾ 813 (900-2¾)

ELEV 787 TDZE 786



MIRL Rwy 9-27 L
REIL Rwys 9 and 27 L

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

VERSAILLES, OHIO AL-6038 (FAA) 25051

WAAS	APP CRS	Rwy Idg	4802
CH 77642	092°	TDZE	1007
W09A		Apt Elev	1007

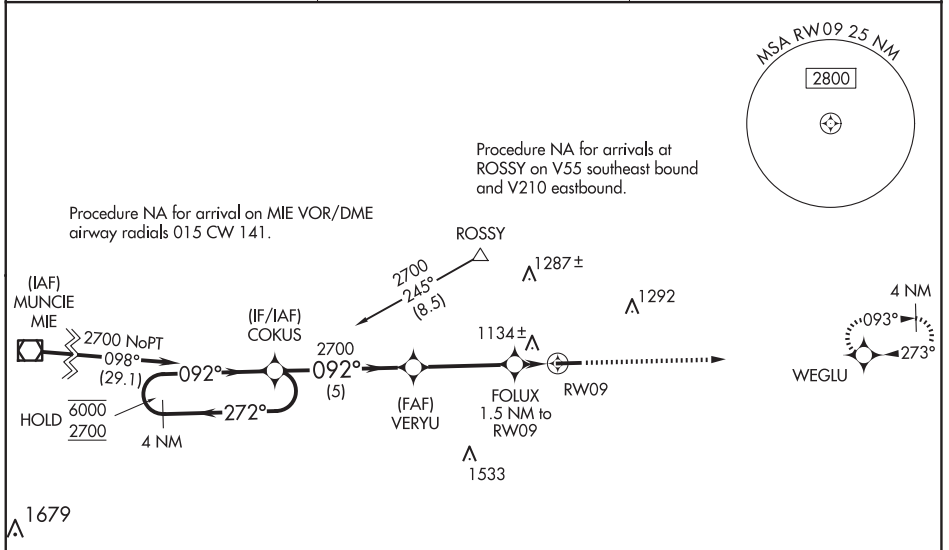
RNAV (GPS) RWY 9
DARKE COUNTY (VES)

RNP APCH - GPS.

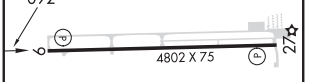
Circling Rwy 27 NA at night. Rwy 9 helicopter visibility reduction below ¾ SM NA. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -16° C or above 54° C.

MISSED APPROACH: Climb to 2700 direct WEGLU and hold.

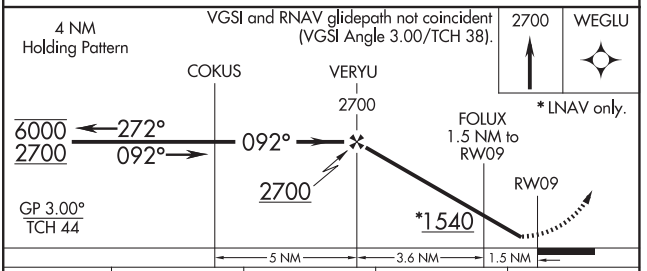
AWOS-3PT	COLUMBUS APP CON	UNICOM
125.9	134.45 352.05	122.8 (CTAF) L



ELEV 1007	TDZE 1007



REIL Rwys 9 and 27 L
MIRL Rwy 9-27 L



CATEGORY	A	B	C	D
LPV DA	1257-1 250 (300-1)			NA
LNAV/VNAV DA	1400-1⅛ 393 (400-1⅛)			NA
LNAV MDA	1400-1 393 (400-1)		1400-1⅛ 393 (400-1⅛)	NA
C CIRCLING	1440-1 433 (500-1)	1480-1 473 (500-1)	1660-1¾ 653 (700-1¾)	NA

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

RNAV (GPS) RWY 27
DARKE COUNTY (VES)

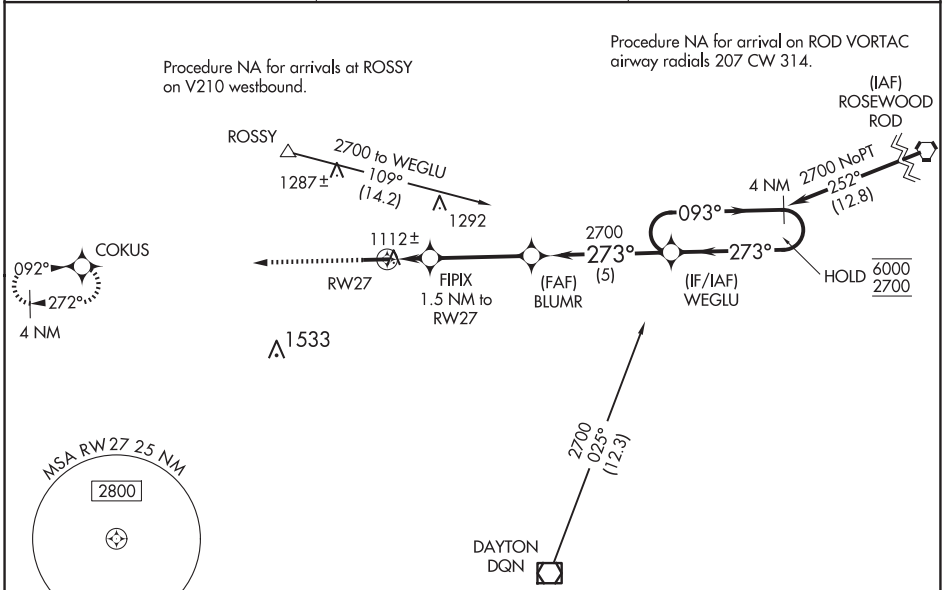
WAAS	APP CRS	Rwy Idg	4802
CH 86243	273°	TDZE	1007
W27A		Apt Elev	1007

RNP APCH.

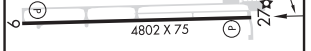
Rwy 27 helicopter visibility reduction below 1 SM NA.
Straight-in Rwy 27 NA at night, Circling Rwy 27 NA at night.

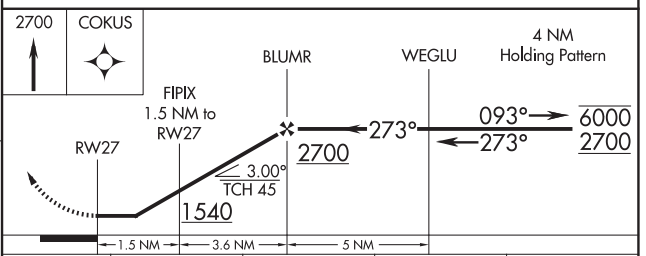
MISSED APPROACH: Climb to 2700 direct COKUS and hold.

AWOS-3PT	COLUMBUS APP CON	UNICOM
125.9	134.45 352.05	122.8 (CTAF) L



ELEV 1007 TDZE 1007





CATEGORY	A	B	C	D
LP MDA	1380-1 373 (400-1)			NA
LNAV MDA	1380-1 373 (400-1)			NA
C CIRCLING	1440-1 433 (500-1)	1480-1 473 (500-1)	1660-1¾ 653 (700-1¾)	NA

REIL Rwys 9 and 27 L
MIRL Rwy 9-27 L

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

WABASH, INDIANA | AL-5602 (FAA) | 23110

RNAV (GPS) RWY 9

WABASH MUNI (IWH)

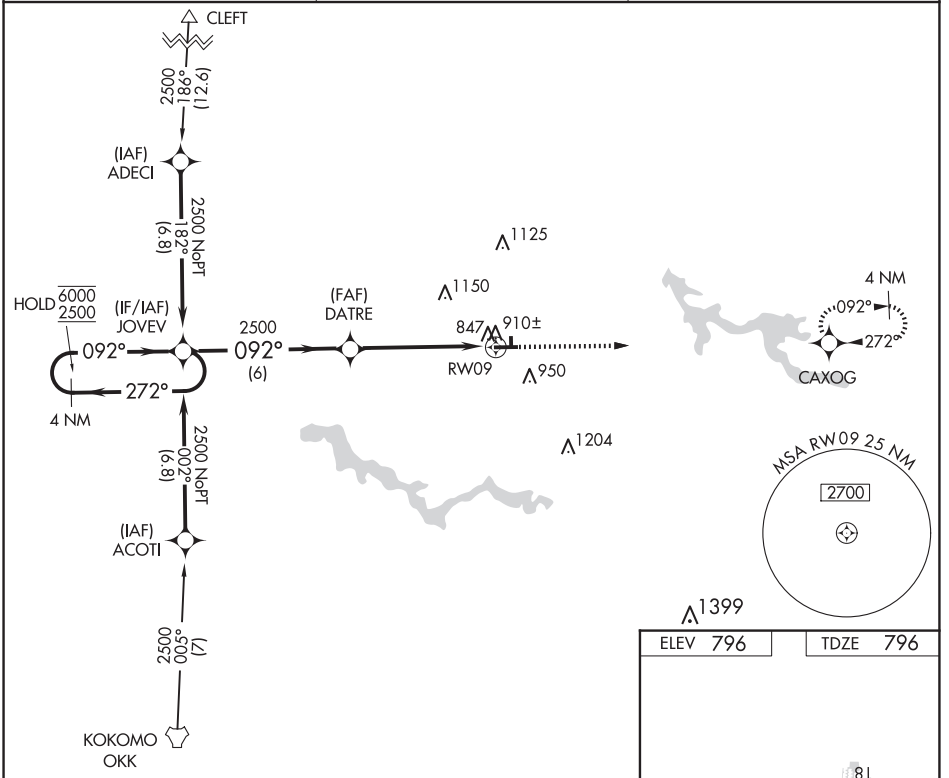
APP CRS	Rwy Idg	4401
092°	TDZE	796
	Apt Elev	796

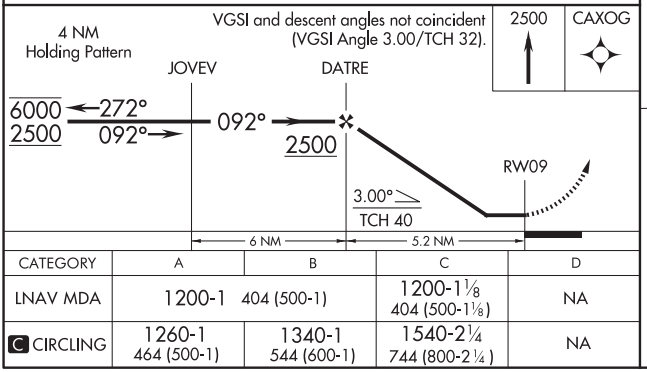
RNP APCH - GPS.

Circling Rwy 9, 18, 36 NA at night. Rwy 9 helicopter visibility reduction below 1 SM NA. Use Kokomo altimeter setting; when not received, use Marion altimeter setting and increase all MDAs 40 feet and visibility LNAV Cat C ¼ SM.

MISSED APPROACH: Climb to 2500 direct CAXOG and hold.

OKK AWOS-3PT	GRISSOM APP CON ★	UNICOM
128.675	121.05 338.275	122.8 (CTAF) L





CATEGORY	A	B	C	D
LNAV MDA	1200-1 404 (500-1)		1200-1⅛ 404 (500-1⅛)	NA
C CIRCLING	1260-1 464 (500-1)	1340-1 544 (600-1)	1540-2¼ 744 (800-2¼)	NA

LIRL Rwy 18-36
MIRL Rwy 9-27 L
REIL Rwys 9 and 27 L

WABASH, INDIANA
Amdt 1 20APR23

40°46′N-85°48′W

WABASH MUNI (IWH)

RNAV (GPS) RWY 9

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

RNAV (GPS) RWY 27

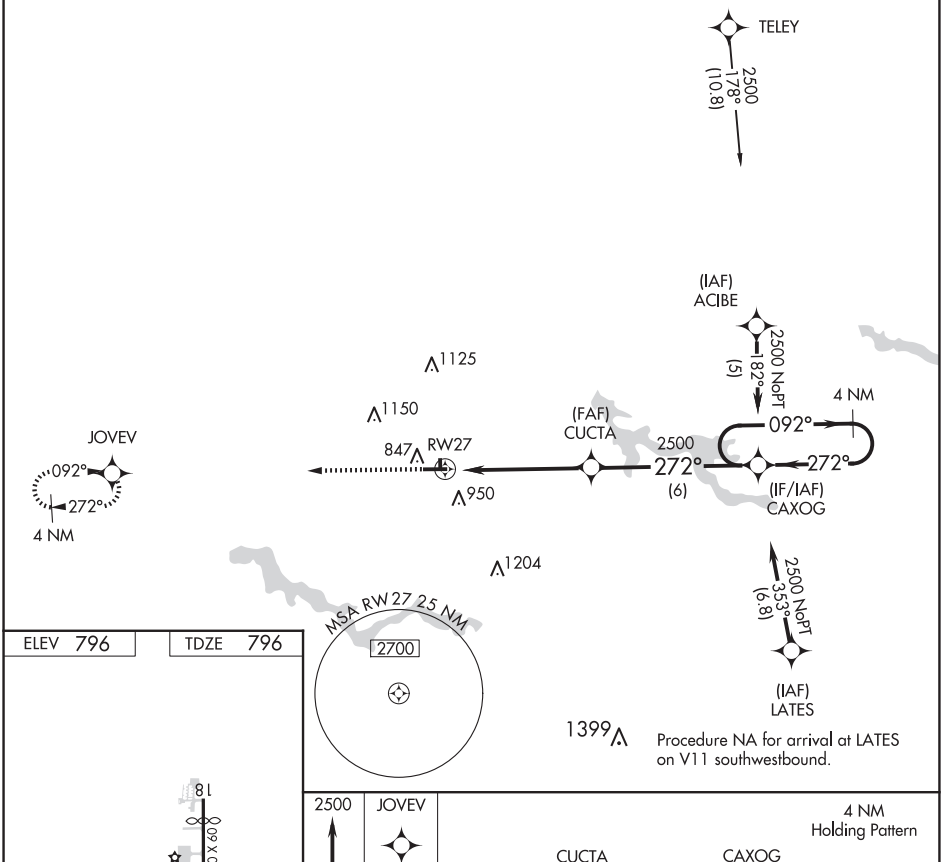
WABASH MUNI (IWH)

APP CRS	Rwy Idg	4401
272°	TDZE	796
	Apt Elev	796

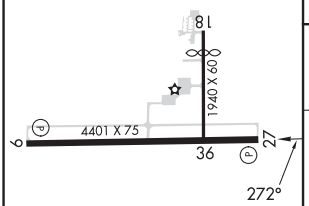
DME/DME RNP-0.3 NA. Night landing: Rwys 18, 36 NA. Helicopter visibility reduction below ¾ SM NA. Use Kokomo altimeter setting; when not received, use Marion altimeter setting.

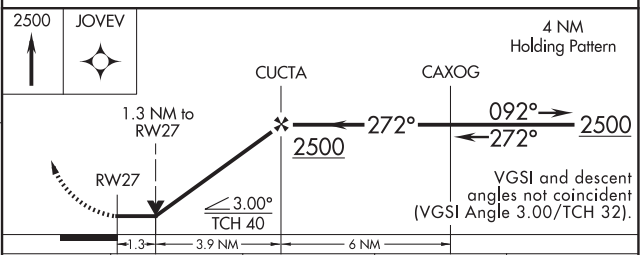
MISSED APPROACH: Climb to 2500 direct JOVEV WP and hold.

OKK AWOS-3PT	GRISSOM APP CON ★	UNICOM
128.675	121.05 338.275	122.8 (CTAF) L



ELEV 796 TDZE 796





CATEGORY	A	B	C	D
LNAV MDA	1280-1 484 (500-1)		1280-1⅜ 484 (500-1⅜)	NA
C CIRCLING	1300-1 504 (600-1)	1440-1 644 (700-1)	1560-2¼ 764 (800-2¼)	NA

LIRL Rwy 18-36
MIRL Rwy 9-27 L
REIL Rwys 9 and 27 L

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

WADSWORTH, OHIO | AL-6804 (FAA) | 24249

APP CRS	Rwy Idg	3400
018°	TDZE	972
	Apt Elev	974

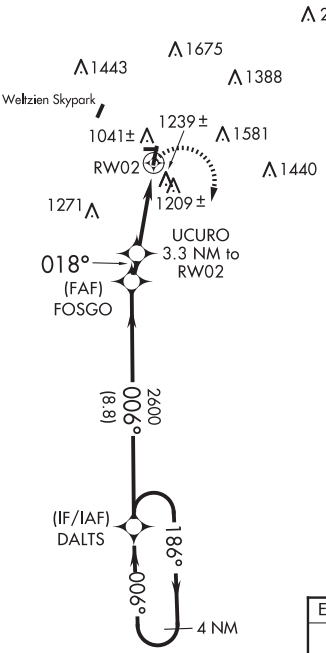
RNAV (GPS) RWY 2
WADSWORTH MUNI (3G3)

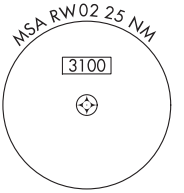
RNP APCH.

T A NA — Rwy 2 helicopter visibility reduction below 1 SM NA. Procedure NA at night. Circling NA west of Rwy 2-20. Use Wooster altimeter setting, when not received, use Akron-Canton Rgnl altimeter setting and increase all MDA 40 feet and LNAV visibility Cat C 1⅛ SM, Circling Cat B ¼ SM.

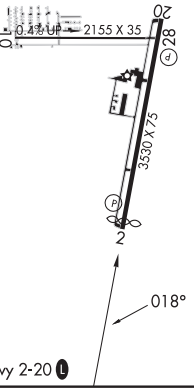
MISSED APPROACH: Climbing right turn to 3100 direct DALTS and hold.

BJJ ASOS	CLEVELAND APP CON ★	UNICOM
118.075	125.5 371.875	122.8 (CTAF) L

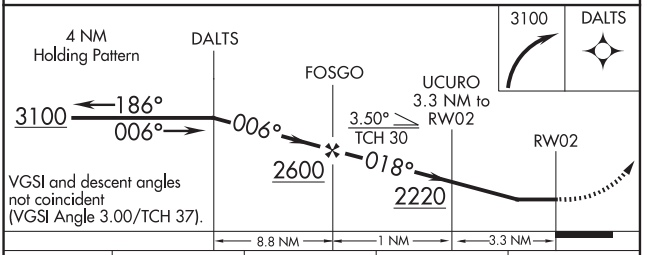




ELEV 974 | TDZE 972



MIRL Rwy 2-20 L



CATEGORY	A	B	C	D
LNAV MDA	1620-1 648 (700-1)		1620-1⅞ 648 (700-1⅞)	NA
C CIRCLING	1660-1 686 (700-1)	1760-1 786 (800-1)	1980-3 1006 (1100-2)	NA

WADSWORTH, OHIO
Amdt 2A 03DEC20

41°00'N-81°45'W

WADSWORTH MUNI (3G3)
RNAV (GPS) RWY 2

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

RNAV (GPS) RWY 20

WADSWORTH MUNI (3G3)

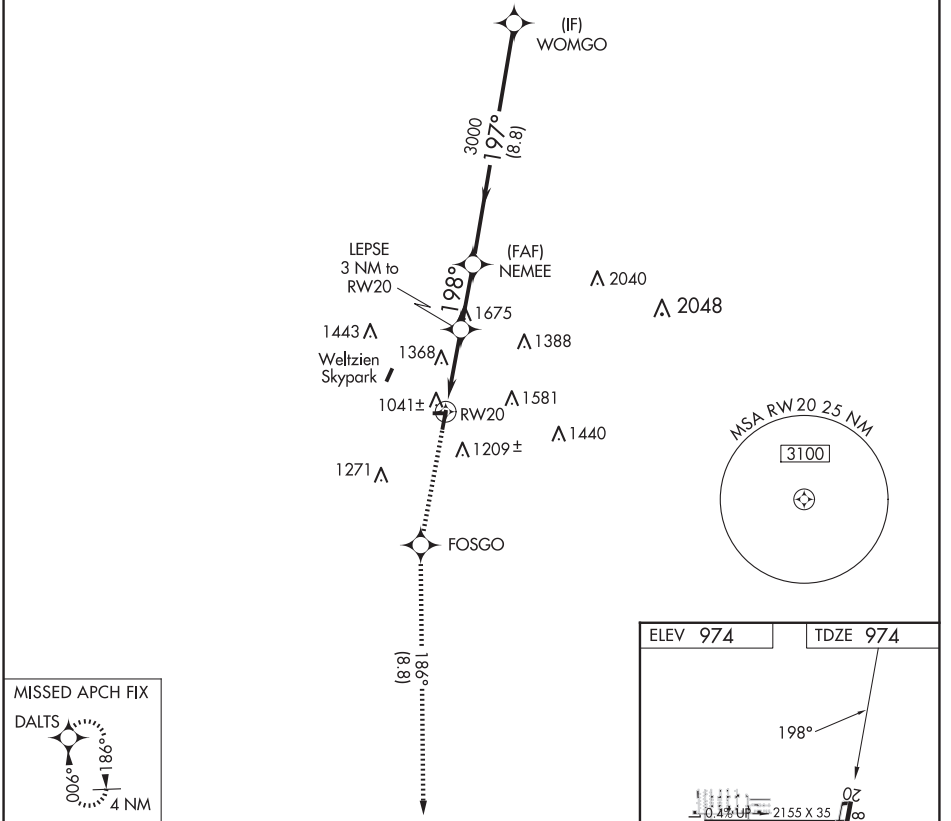
APP CRS	Rwy Idg	3530
198°	TDZE	974
	Apt Elev	974

RNP APCH.

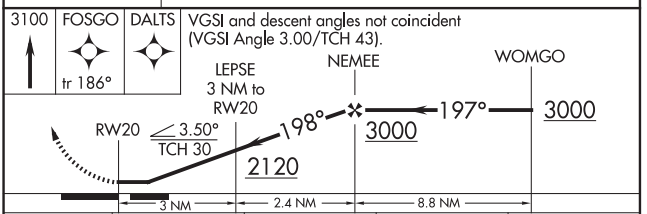
V A NA Rwy 20 helicopter visibility reduction below 1 SM NA. Procedure NA at night. Circling NA west of Rwy 2-20. Use Wooster altimeter setting, when not received, use Akron-Canton Rgnl altimeter setting and increase all MDA 40 feet and LNAV visibility Cat C ½ SM.

MISSED APPROACH: Climb to 3100 direct FOSGO and on track 186° to DALTS and hold.

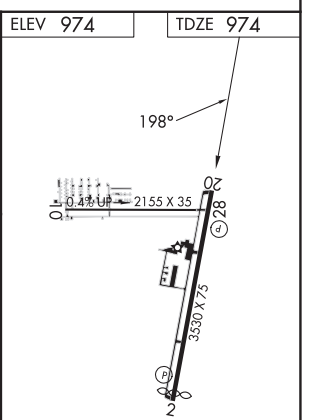
BJJ ASOS	CLEVELAND APP CON ★	UNICOM
118.075	125.5 371.875	122.8 (CTAF) L



MISSED APCH FIX



CATEGORY	A	B	C	D
LNAV MDA	1720-1 746 (800-1)	1720-1¼ 746 (800-1¼)	1720-2 746 (800-2)	NA
C CIRCLING	1720-1 746 (800-1)	1760-1¼ 786 (800-1¼)	1980-3 1006 (1100-3)	NA



MIRL Rwy 2-20 L

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

WAPAKONETA, OHIO | AL-6065 (FAA) | 24137

APP CRS	Rwy Idg	4802
081°	TDZE	912
	Apt Elev	912

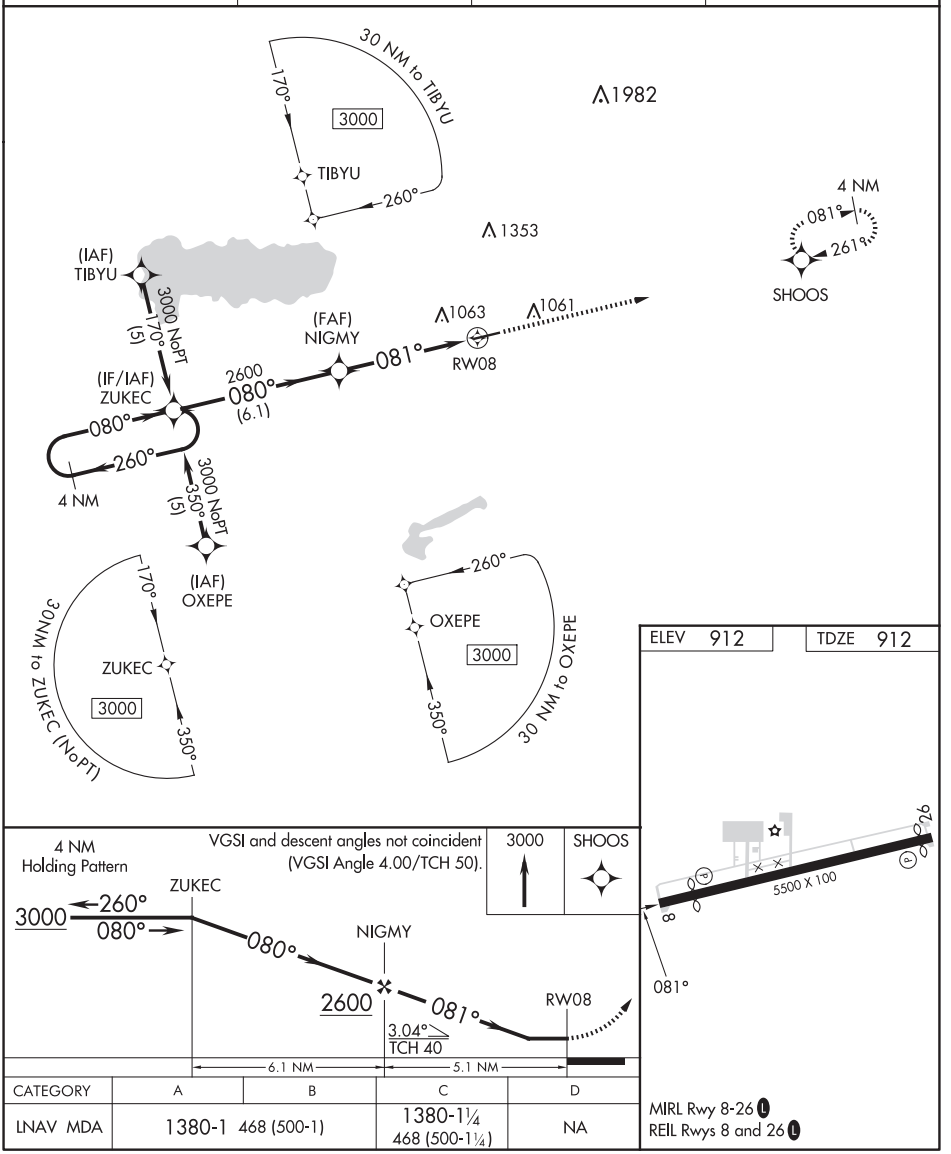
RNAV (GPS) RWY 8
NEIL ARMSTRONG (AXV)

RNP APCH - GPS.

T A NA — Rwy 8 helicopter visibility reduction below 1 SM NA. When local altimeter setting not received, use Lima altimeter setting and increase all MDAs 60 feet and visibility Cat C ⅛ SM. Procedure NA at night.

MISSED APPROACH: Climb to 3000 direct SHOOS and hold.

AWOS-3PT	COLUMBUS APP CON	UNICOM	
128.325	134.45 294.5	122.8 (CTAF)	122.7 L



CATEGORY	A	B	C	D
LNAV MDA	1380-1 468 (500-1)		1380-1¼ 468 (500-1¼)	NA

MIRL Rwy 8-26 L
REIL Rwys 8 and 26 L

WAPAKONETA, OHIO
Orig-D 07SEP23

40°30'N-84°18'W

NEIL ARMSTRONG (AXV)
RNAV (GPS) RWY 8

EC-2, 12 JUN 2025 to 07 AUG 2025

EC-2, 12 JUN 2025 to 07 AUG 2025

WAAS CH 72907 W26A	APP CRS 261°	Rwy Idg 5263 TDZE 910 Apt Elev 912

RNAV (GPS) RWY 26
NEIL ARMSTRONG (AXV)

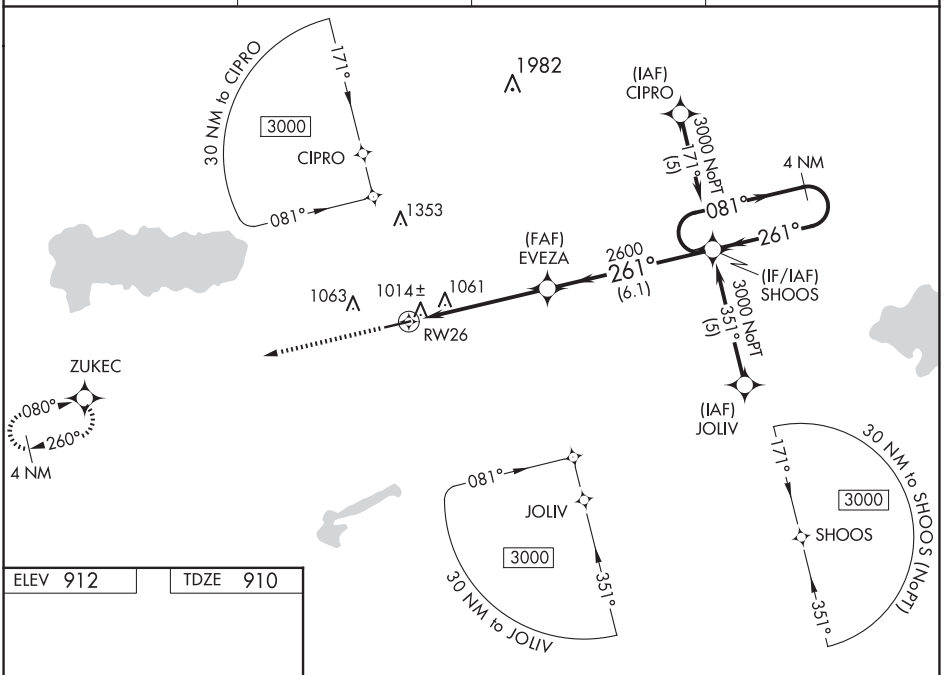
RNP APCH - GPS.

T NA

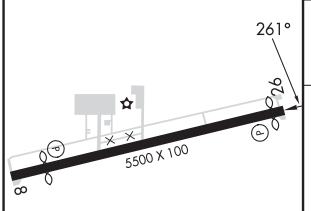
Baro-VNAV NA when using Lima altimeter setting. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -16°C or above 54°C. Rwy 26 helicopter visibility reduction below 1 SM NA. When local altimeter setting not received, use Lima altimeter setting and increase LPV DA to 1291 feet and all visibilities ⅛ SM. Increase LNAV/VNAV DA to 1324 feet and all visibilities ⅛ SM. Increase all MDAs 60 feet and LNAV visibility Cat C ¼ SM.

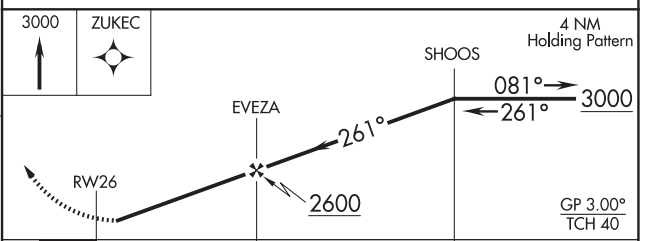
MISSED APPROACH: Climb to 3000 direct ZUKEC and hold.

AWOS-3PT	COLUMBUS APP CON	UNICOM	
128.325	134.45 294.5	122.8 (CTAF)	122.7 L



ELEV 912 TDZE 910





CATEGORY	A	B	C	D
LPV DA	1241-1¼ 331 (400-1¼)			NA
LNAV/VNAV DA	1274-1¼ 364 (400-1¼)			NA
LNAV MDA	1440-1 530 (600-1)		1440-1½ 530 (600-1½)	NA

MIRL Rwy 8-26 L
REIL Rwys 8 and 26 L

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

WAPAKONETA, OHIO | AL-6065 (FAA) | 24137

VORTAC ROD	APP CRS	Rwy Idg	N/A
117.5	322°	TDZE	N/A
Chan 122		Apt Elev	912

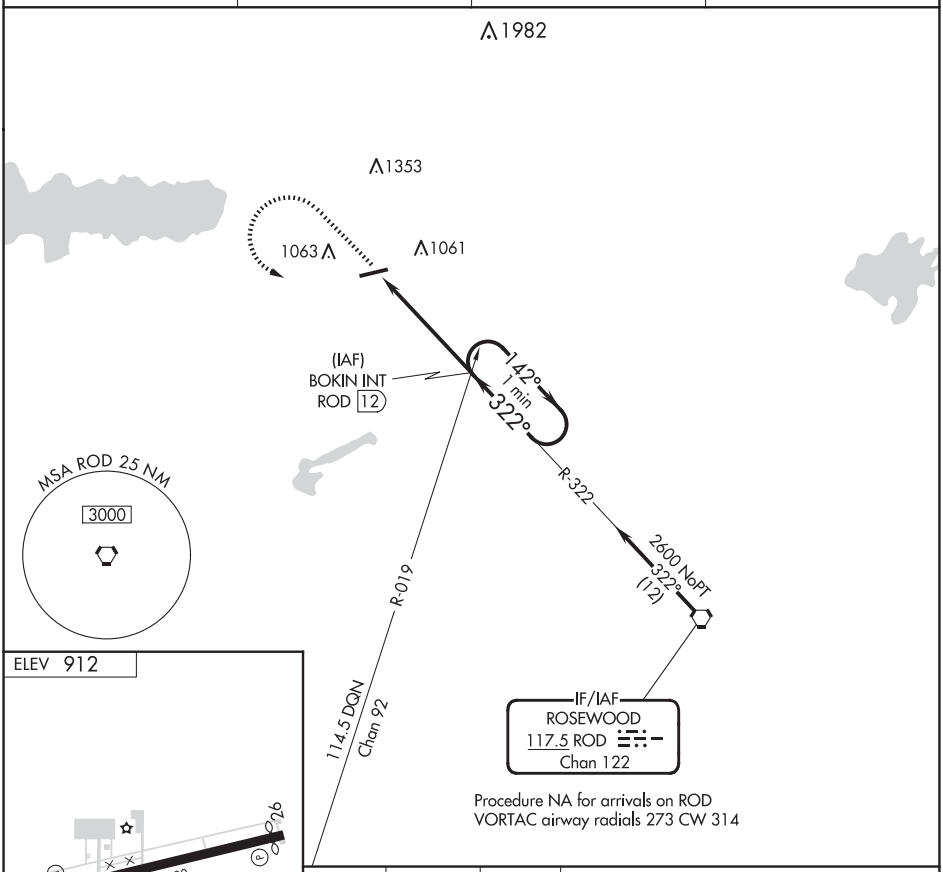
VOR-A

NEIL ARMSTRONG (AXV)

NA — When local altimeter setting not received, use Lima altimeter setting and increase all MDAs 60 feet and visibility Cat C ¼ SM. Helicopter visibility reduction below 1 SM NA. Circling Rwy 8 NA at night.

MISSED APPROACH: Climb to 3000 then left turn on ROD VORTAC R-322 to BOKIN INT/ROD 12 DME and hold.

AWOS-3PT	COLUMBUS APP CON	UNICOM	
128.325	134.45 294.5	122.8 (CTAF)	122.7 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
CIRCLING	1500-1	588 (600-1)	1500-1½ 588 (600-1½)	NA

EC-2, 12 JUN 2025 to 07 AUG 2025

EC-2, 12 JUN 2025 to 07 AUG 2025

ILS or LOC RWY 27

WARSAW MUNI (ASW)

LOC/DME I-ASW	APP CRS	Rwy Idg	5100
111.55	272°	TDZE	847
Chan 52 (Y)		Apt Elev	850

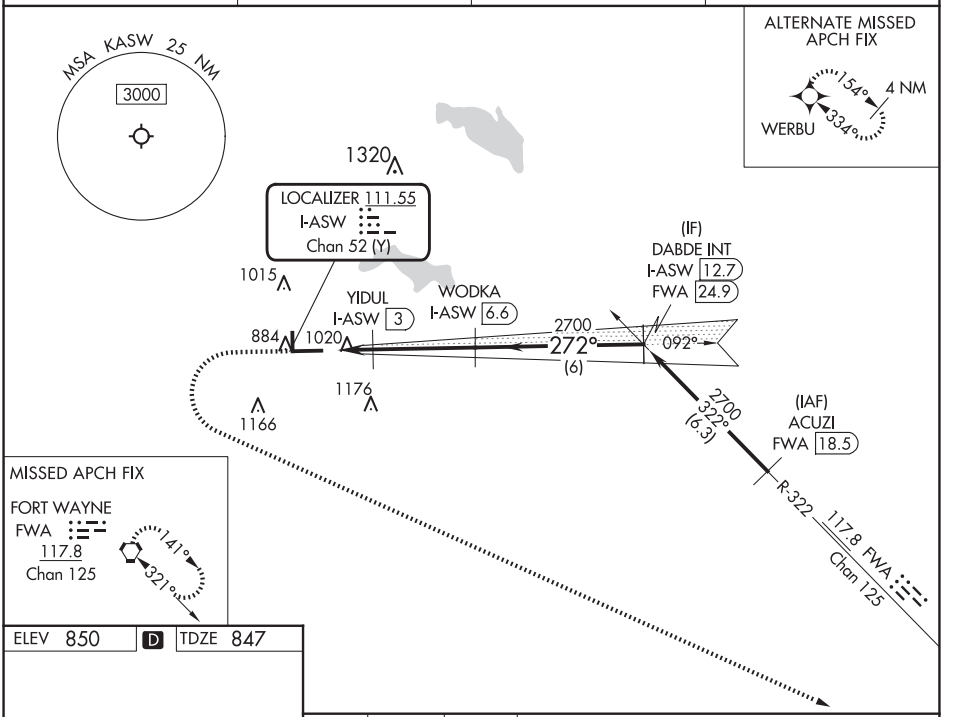
DME required.

NA

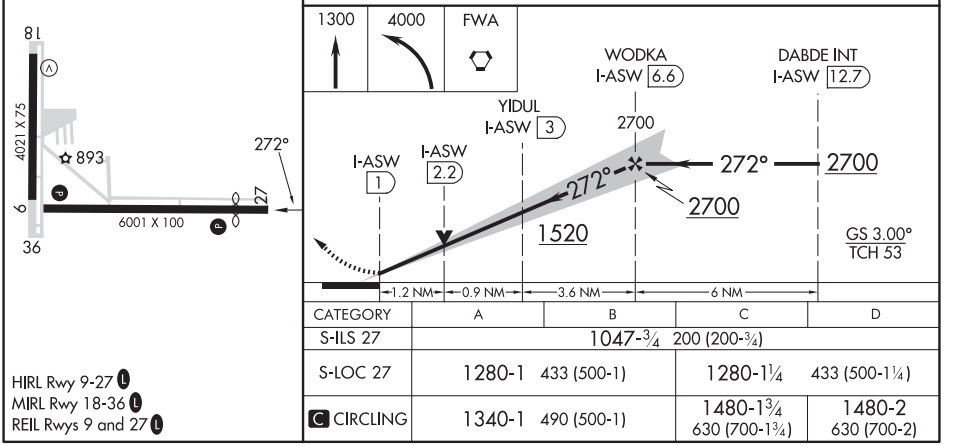
Circling Rwy 18, 36 NA at night.

MISSED APPROACH: Climb to 1300 then climbing left turn to 4000 direct FWA VORTAC and hold.

AWOS-3	FORT WAYNE APP CON	CLNC DEL	UNICOM
121.125	127.2 284.6	134.05	122.7 (CTAF) L



ELEV 850 D TDZE 847



CATEGORY	A	B	C	D
S-ILS 27	1047-¾ 200 (200-¾)			
S-LOC 27	1280-1 433 (500-1)		1280-1¼ 433 (500-1¼)	
C CIRCLING	1340-1 490 (500-1)		1480-1¾ 630 (700-1¾)	1480-2 630 (700-2)

HIRL Rwy 9-27 L
MIRL Rwy 18-36 L
REIL Rwys 9 and 27 L

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

WARSAW, INDIANA | AL-5282 (FAA) | 25163

RNAV (GPS) RWY 9

WARSAW MUNI (ASW)

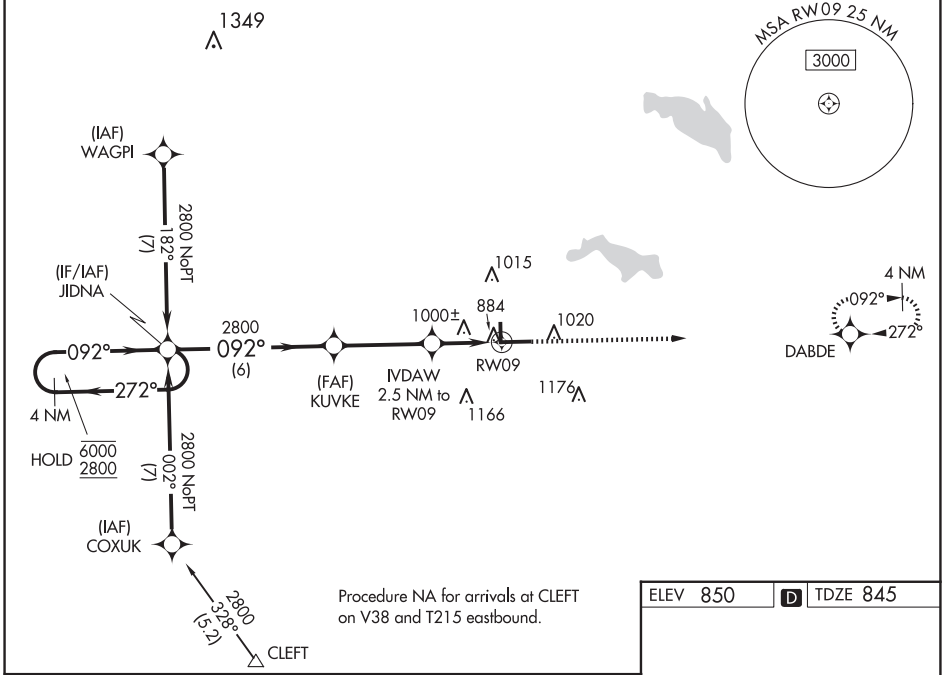
WAAS	APP CRS		
CH **97719**	**092°**	Rwy Idg	**5100**
W09A		TDZE	**845**
		Apt Elev	**850**

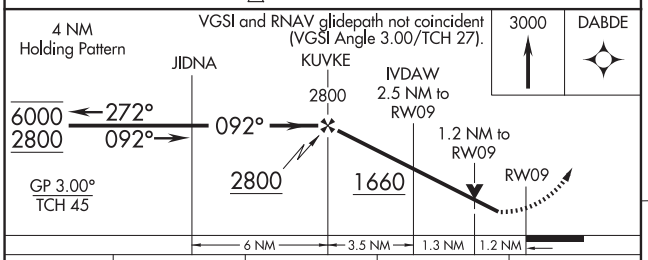
RNP APCH - GPS.

For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -16°C or above 54°C. Rwy 9 helicopter visibility reduction below ¾ SM NA. Circling Rwy 18, 36 NA at night.

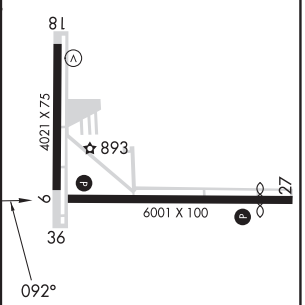
MISSED APPROACH: Climb to 3000 direct DABDE and hold.

AWOS-3	FORT WAYNE APP CON	CLNC DEL	UNICOM
121.125	**127.2 284.6**	**134.05**	**122.7** (CTAF) L





CATEGORY	A	B	C	D
LPV DA	1095-¾ 250 (300-¾)			
LNAV/VNAV DA	1295-1⅜ 450 (500-1⅜)			
LNAV MDA	1260-1 415 (500-1)		1260-1⅛ 415 (500-1⅛)	
C CIRCLING	1340-1 490 (500-1)		1480-1¾ 630 (700-1¾)	1480-2 630 (700-2)



HIRL Rwy 9-27 L
MIRL Rwy 18-36 L
REIL Rwys 9 and 27 L

WARSAW, INDIANA
Amdt 1A 12JUN25

41°16′N - 85°50′W

WARSAW MUNI (ASW)

RNAV (GPS) RWY 9

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

RNAV (GPS) RWY 27

WARSAW MUNI (ASW)

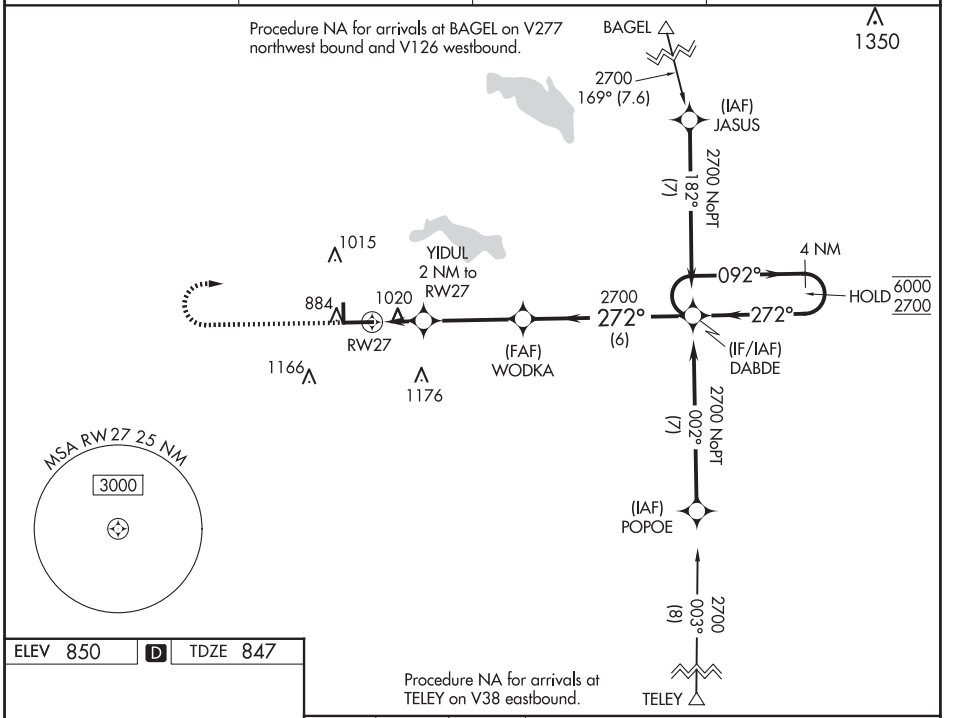
WAAS CH 53519 W27A	APP CRS 272°	Rwy Idg 5100	TDZE 847	Apt Elev 850

RNP APCH - GPS.

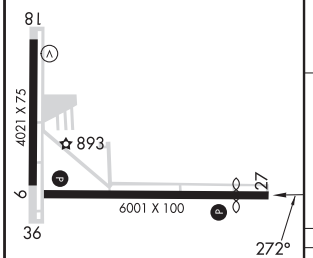
Circling Rwy 18, 36 NA at night. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -16°C or above 54°C.

MISSED APPROACH: Climb to 1300 then climbing right turn to 2700 direct DABDE and hold.

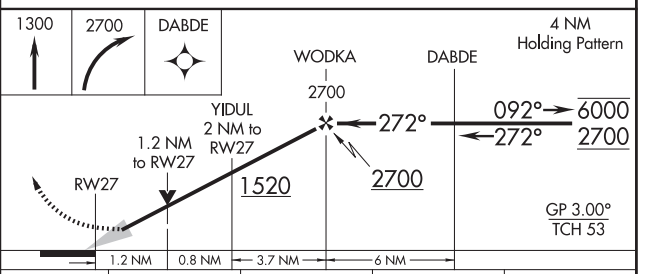
AWOS-3	FORT WAYNE APP CON	CLNC DEL	UNICOM
121.125	127.2 284.6	134.05	122.7 (CTAF) L



ELEV 850 D TDZE 847



HIRL Rwy 9-27 L
MIRL Rwy 18-36 L
REIL Rwys 9 and 27 L



CATEGORY	A	B	C	D
LPV DA	1047-¾	200 (200-¾)		
LNAV/VNAV DA	1334-1⅜	487 (500-1⅜)		
LNAV MDA	1280-1	433 (500-1)	1280-1¼	433 (500-1¼)
C CIRCLING	1340-1	490 (500-1)	1480-1¾ 630 (700-1¾)	1480-2 630 (700-2)

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

WASHINGTON, INDIANA | AL-5969 (FAA) | 24081

RNAV (GPS) RWY 18

DAVIESS COUNTY (DCY)

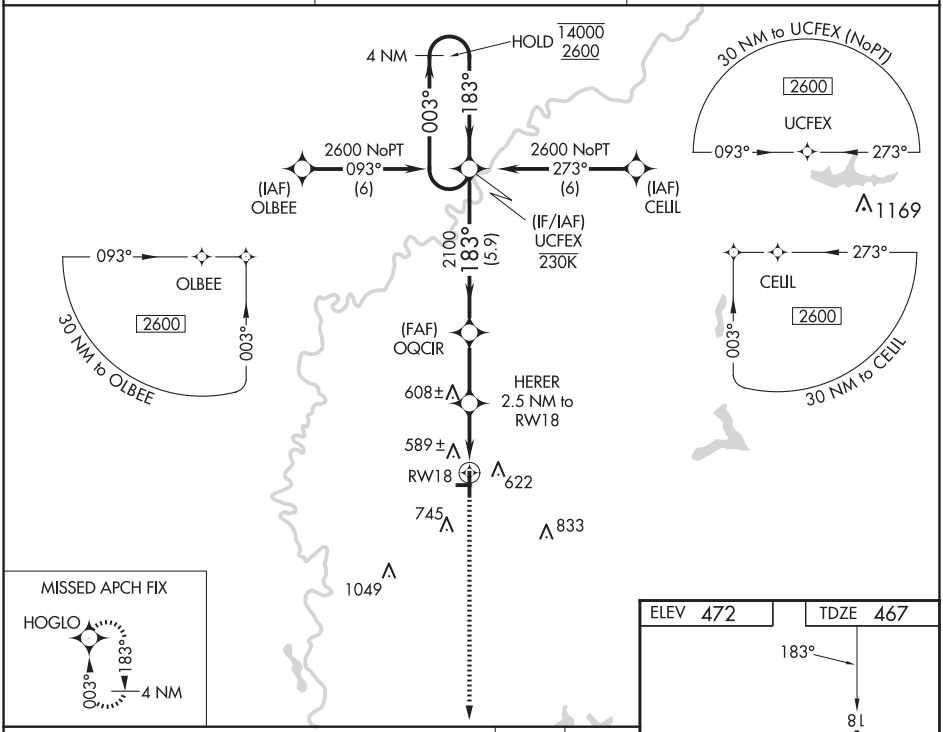
WAAS CH 86436 W18A	APP CRS 183°	Rwy Idg 5001 / TDZE 467 / Apt Elev 472

RNP APCH - GPS.

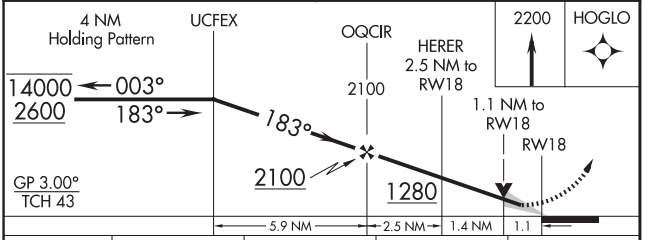
Circling NA to Rwys 9 and 27. Circling to Rwy 36 NA at night. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -15°C or above 54°C.

MISSED APPROACH: Climb to 2200 direct HOGLO and hold.

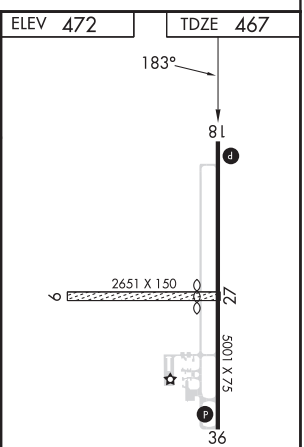
AWOS-3PT	EVANSVILLE APP CON ★	UNICOM
119.075	125.6 343.7	122.8 (CTAF) L



MISSED APCH FIX



CATEGORY	A	B	C	D
LPV DA		778-1	311 (400-1)	
LNAV/VNAV DA		750-1	283 (300-1)	
LNAV MDA		840-1	373 (400-1)	
CIRCLING	1020-1 548 (600-1)	1060-1 588 (600-1)	1060-1½ 588 (600-1½)	1300-2¾ 828 (900-2¾)



REIL Rwys 18 and 36 L

MIRL Rwy 18-36 L

WASHINGTON, INDIANA
Amdt 2 10AUG23

38°42'N-87°08'W

DAVIESS COUNTY (DCY)

RNAV (GPS) RWY 18

EC-2, 12 JUN 2025 to 07 AUG 2025

EC-2, 12 JUN 2025 to 07 AUG 2025

WAAS CH 45747 W05A	APP CRS 040°	Rwy Ldg 5097 TDZE 980 Apt Elev 980

RNAV (GPS) RWY 5

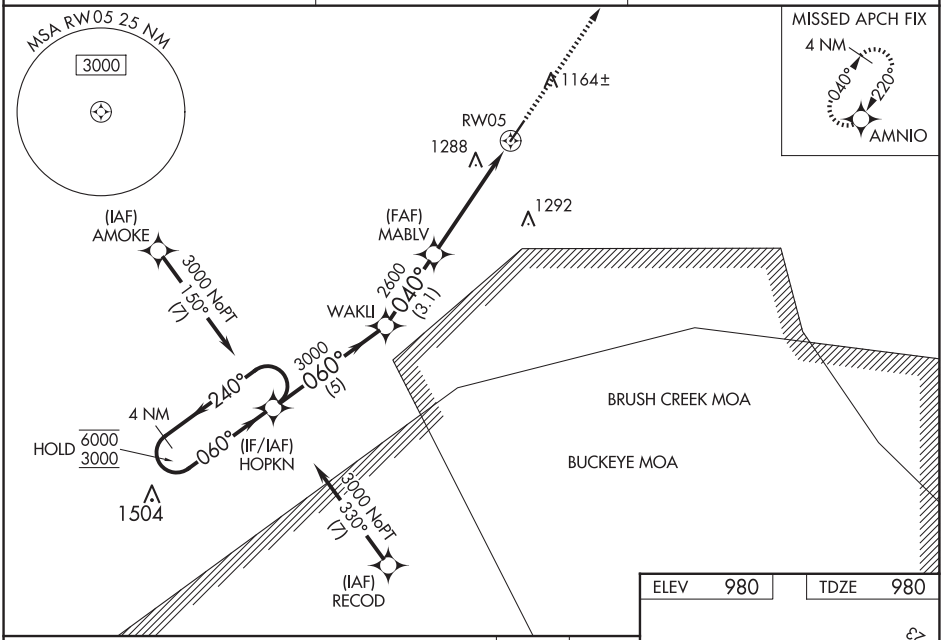
FAYETTE COUNTY (I23)

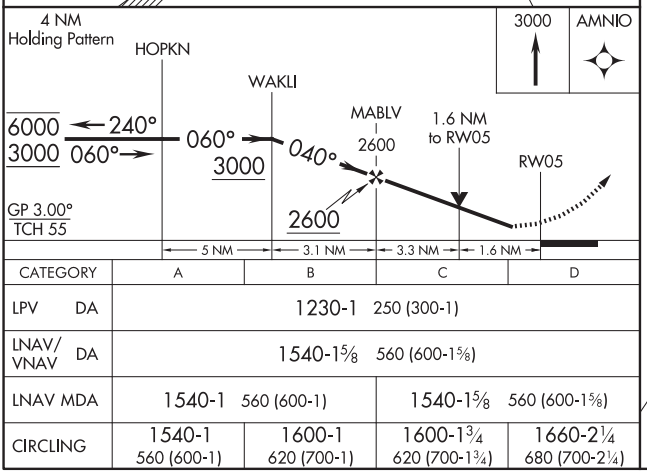
RNP APCH - GPS.

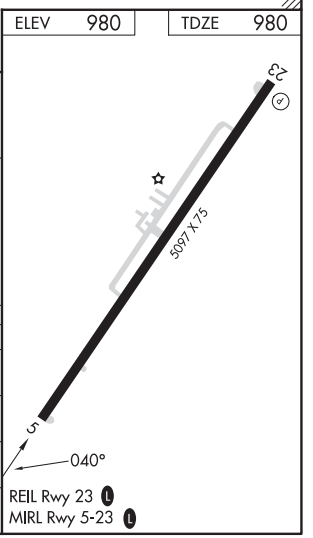
Rwy 5 helicopter visibility reduction below ¾ SM NA. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -16°C or above 54°C. Baro-VNAV and VDP NA when using I66 altimeter setting. Circling Rwy 23 NA at night. When local altimeter setting not received, use I66 altimeter setting and increase LPV DA to 1287 feet; increase LNAV/VNAV DA to 1597 feet and all visibilities ⅛ SM. Increase all MDAs 60 feet and LNAV visibility Cat C/D ⅛ SM, and Circling visibility Cat C ¼ SM.

MISSED APPROACH: Climb to 3000 direct AMINO and hold.

AWOS-3	COLUMBUS APP CON	UNICOM
118.775	134.0 279.6	122.8 (CTAF) L







CATEGORY	A	B	C	D
LPV DA	1230-1 250 (300-1)			
LNAV/VNAV DA	1540-1⅝ 560 (600-1⅝)			
LNAV MDA	1540-1 560 (600-1)		1540-1⅝ 560 (600-1⅝)	
CIRCLING	1540-1 560 (600-1)	1600-1 620 (700-1)	1600-1¾ 620 (700-1¾)	1660-2¼ 680 (700-2¼)

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

WASHINGTON COURT HOUSE, OHIO AL-6046 (FAA) 25163

APP CRS	Rwy Ldg	5097
220°	TDZE	979
	Apt Elev	980

RNAV (GPS) RWY 23

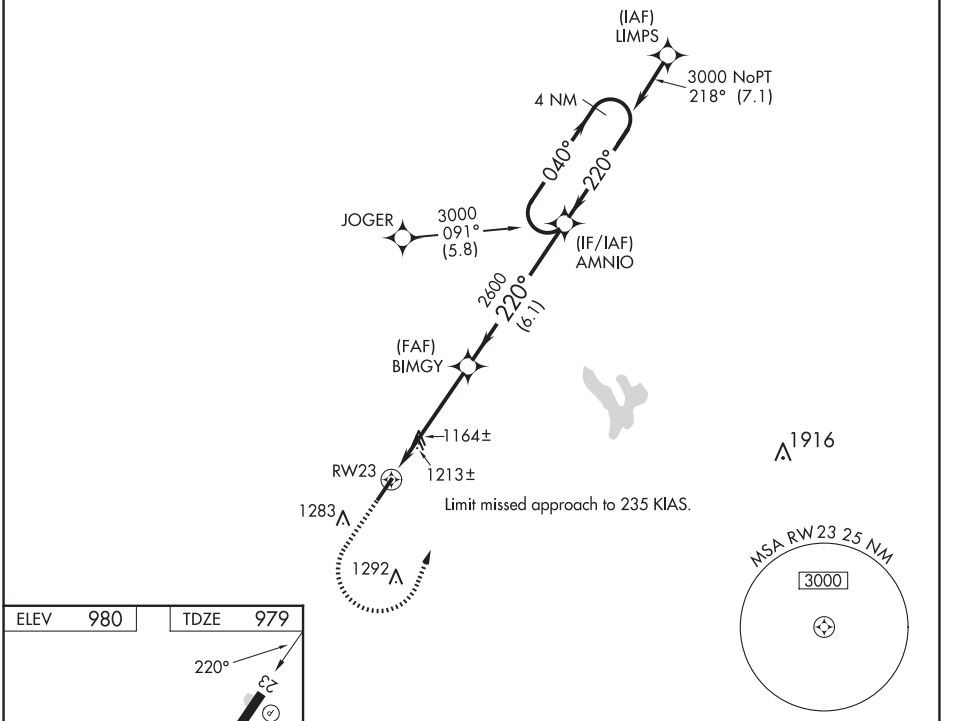
FAYETTE COUNTY (I23)

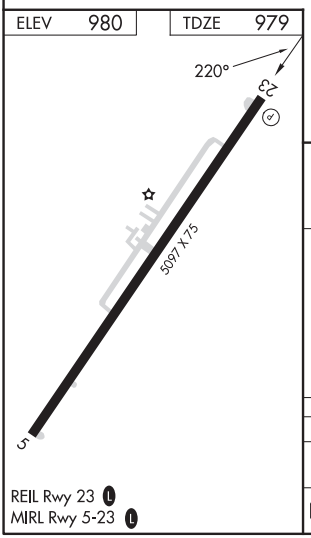
RNP APCH - GPS.

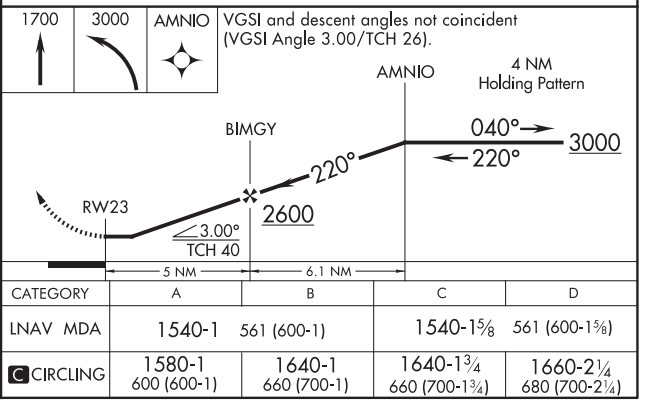
V ANA Rwy 23 helicopter visibility reduction below 1 SM NA. When local altimeter setting not received, use Wilmington Air Park altimeter setting and increase all MDA 60 feet. Increase LNAV Cat C/D visibility ⅛ mile and Circling Cat C visibility ¼ mile. Procedure NA at night.

MISSED APPROACH: Climb to 1700 then climbing left turn to 3000 direct AMNIO and hold.

AWOS-3	COLUMBUS APP CON	UNICOM
118.775	134.0 279.6	122.8 (CTAF) L







CATEGORY	A	B	C	D
LNAV MDA	1540-1	561 (600-1)	1540-1⅝	561 (600-1⅝)
C CIRCLING	1580-1 600 (600-1)	1640-1 660 (700-1)	1640-1¾ 660 (700-1¾)	1660-2¼ 680 (700-2¼)

WASHINGTON COURT HOUSE, OHIO
Amdt 1B 05OCT23

39°34′N - 83°25′W

FAYETTE COUNTY (I23)

RNAV (GPS) RWY 23

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

NDB CSS	APP CRS		
414	223°	Rwy Ldg	5097
		TDZE	979
		Apt Elev	980

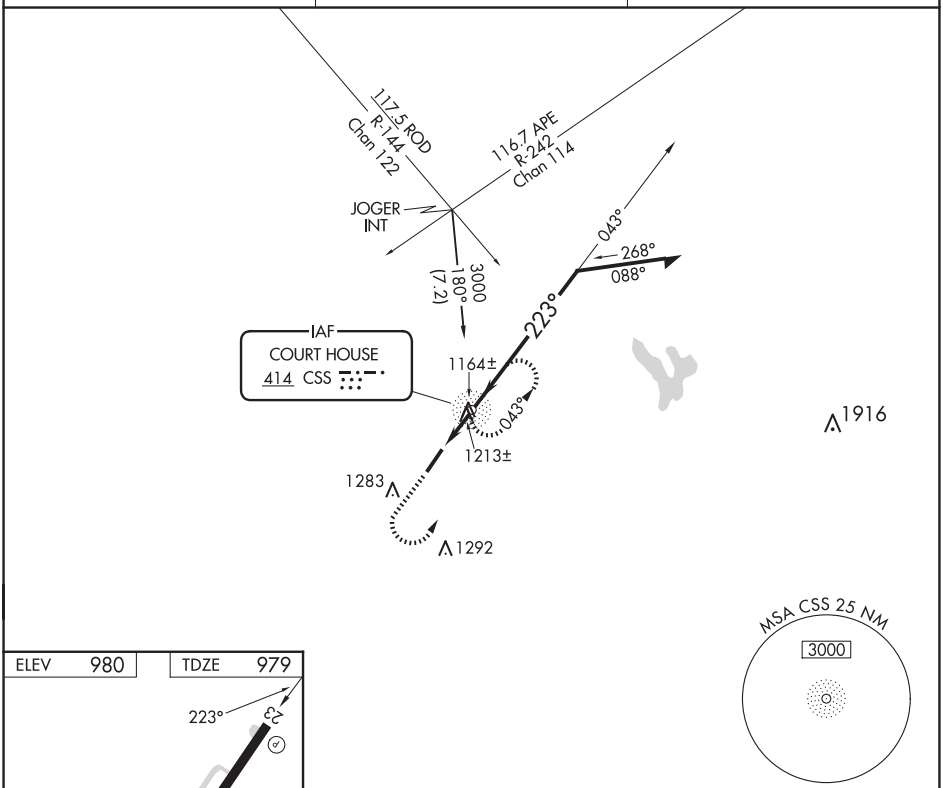
NDB RWY 23

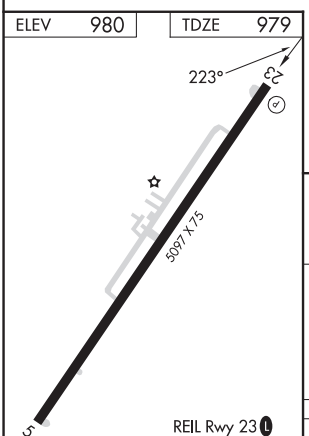
FAYETTE COUNTY (I23)

When local altimeter setting not received, use Wilmington Air Park altimeter setting and increase all MDAs 60 feet, and Circling visibility Cat C ¼ SM. Procedure NA at night. Rwy 23 helicopter visibility reduction below 1 SM NA.

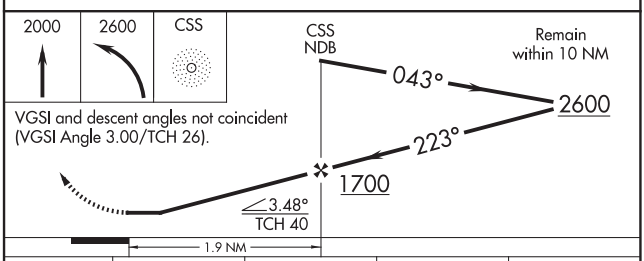
MISSED APPROACH: Climb to 2000, then climbing left turn to 2600 direct CSS NDB and hold.

AWOS-3	COLUMBUS APP CON	UNICOM
118.775	134.0 279.6	122.8 (CTAF) L





FAF to MAP 1.9 NM					
Knots	60	90	120	150	180
Min:Sec	1:54	1:16	0:57	0:46	0:38



CATEGORY	A	B	C	D
S-23	1580-1 601 (600-1)		1580-1¾ 601 (600-1¾)	1580-2 601 (600-2)
C CIRCLING	1580-1 600 (600-1)	1640-1 660 (700-1)	1640-1¾ 660 (700-1¾)	1660-2¼ 680 (700-2¼)

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

WAUSEON, OHIO | AL-5768 (FAA) | 22223

RNAV (GPS) RWY 9

FULTON COUNTY (USE)

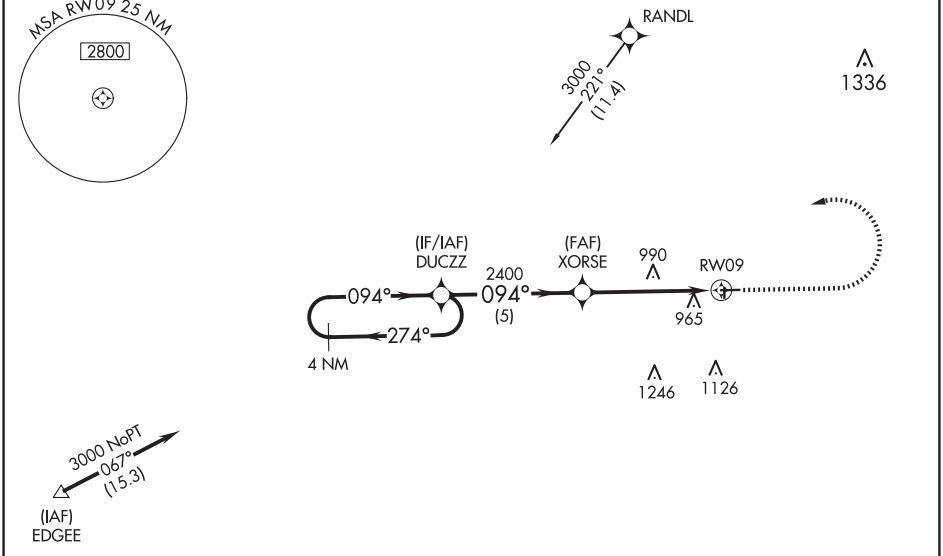
WAAS	APP CRS	Rwy Idg	3882
CH 93828	094°	TDZE	779
W09A		Apt Elev	781

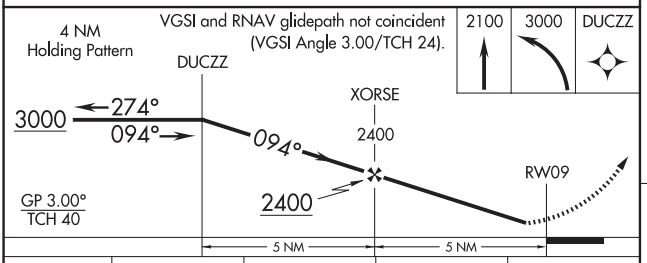
RNP APCH - GPS.

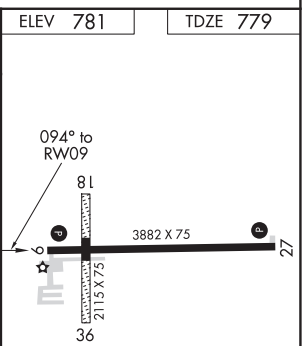
For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -16°C or above 54°C. Circling NA to Rwys 18 and 36. Rwy 9 helicopter visibility reduction below 1 SM NA. Procedure NA at night.

MISSED APPROACH: Climb to 2100 then climbing left turn to 3000 direct DUCZZ and hold.

AWOS-3P	TOLEDO APP CON	UNICOM
127.375	134.35 317.55	123.0 (CTAF) L







CATEGORY	A	B	C	D
LPV DA	1109-1 330 (400-1)			
LNAV/VNAV DA	1198-1⅛ 419 (500-1⅛)			
LNAV MDA	1300-1 521 (600-1)		1300-1½ 521 (600-1½)	
CIRCLING	1320-1 539 (600-1)		1480-2 699 (700-2)	1480-2¼ 699 (700-2¼)

REIL Rwys 9 and 27 L
MIRL Rwy 9-27 L

WAUSEON, OHIO
Orig-C 11AUG22

41°37′N-84°08′W

FULTON COUNTY (USE)

RNAV (GPS) RWY 9

EC-2, 12 JUN 2025 to 07 AUG 2025

EC-2, 12 JUN 2025 to 07 AUG 2025

WAAS	APP CRS	Rwy Idg	3882
CH 66028	274°	TDZE	777
W27A		Apt Elev	781

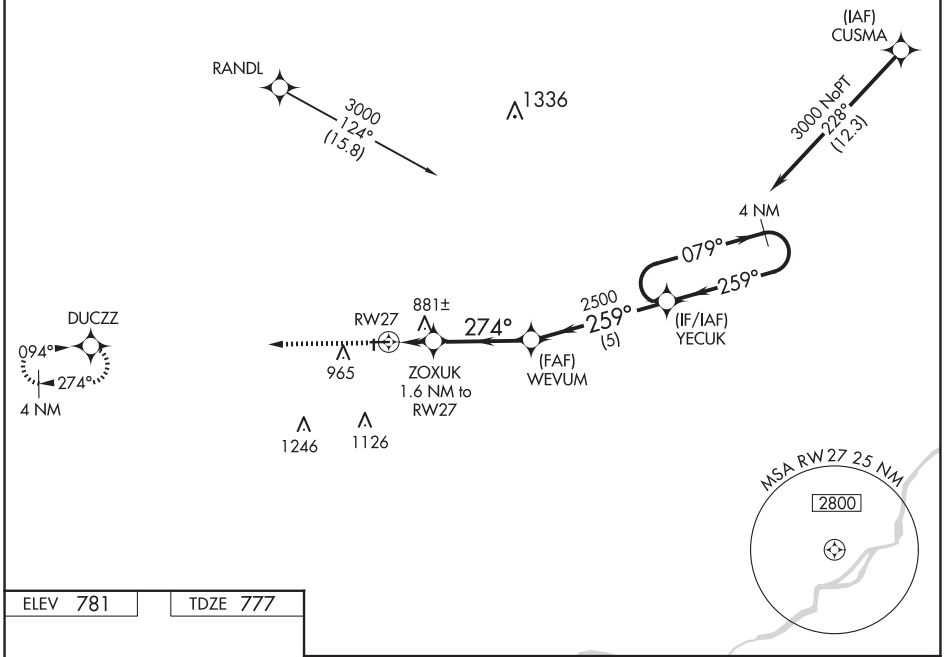
RNAV (GPS) RWY 27
FULTON COUNTY (USE)

RNP APCH - GPS.

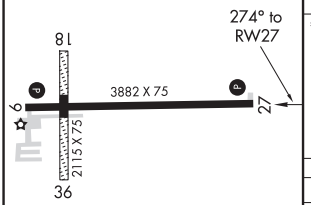
For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -16°C or above 54°C. Circling NA to Rwys 18 and 36. Rwy 27 helicopter visibility reduction below 1 SM NA. Procedure NA at night.

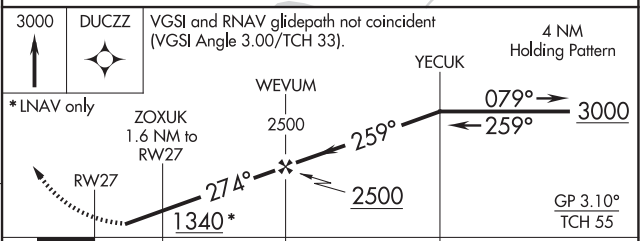
MISSED APPROACH: Climb to 3000 direct DUCZZ and hold.

AWOS-3P	TOLEDO APP CON	UNICOM
127.375	134.35 317.55	123.0 (CTAF) L



ELEV 781	TDZE 777





CATEGORY	A	B	C	D
LPV DA	1092-1 315 (400-1)			
LNAV/VNAV DA	1095-1 318 (400-1)			
LNAV MDA	1180-1 403 (400-1)		1180-1⅛ 403 (400-1⅛)	
CIRCLING	1320-1 539 (600-1)		1480-2 699 (700-2)	1480-2¼ 699 (700-2¼)

REIL Rwys 9 and 27 L
MIRL Rwy 9-27 L

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

WAVERLY, OHIO AL-9431 (FAA) 25163

WAAS	APP CRS	Rwy Ldg	4899
CH 56437	068°	TDZE	661
W07A		Apt Elev	661

RNAV (GPS) RWY 7

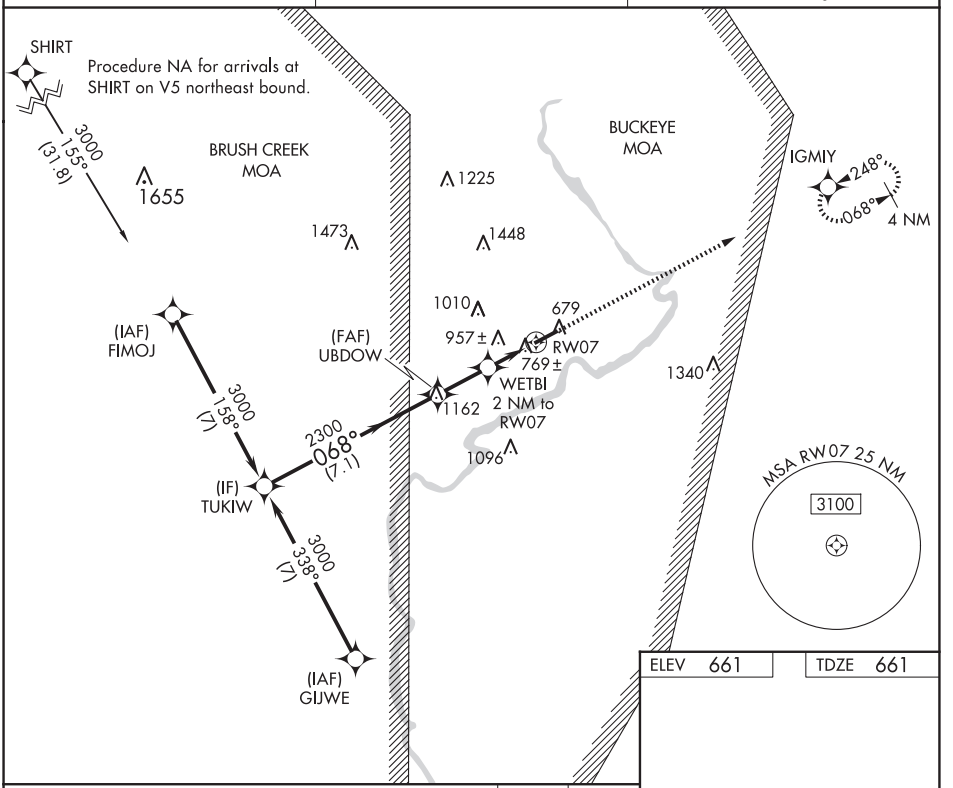
PIKE COUNTY (EOP)

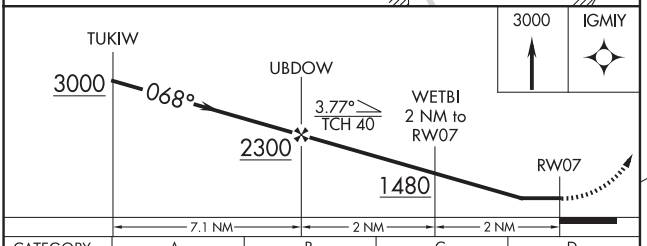
RNP APCH - GPS

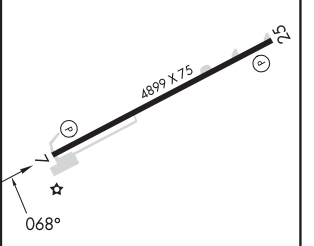
T NA Rwy 7 helicopter visibility reduction below 1 SM NA. Straight-in Rwy 7 NA at night, Circling Rwy 7 NA at night. When local altimeter setting not received, use PMH altimeter setting and increase all MDAs 60 feet and LNAV visibility Cat C ⅛ SM, and LP visibility Cat C ⅛ SM, and Circling all visibilities ¼ SM.

MISSED APPROACH: Climb to 3000 direct IGMIY and hold.

AWOS-3PT	INDIANAPOLIS CENTER	UNICOM
121.45	135.575 290.5	123.0 (CTAF) L







CATEGORY	A	B	C	D
LP MDA	1020-1 359 (400-1)			NA
LNAV MDA	1220-1 559 (600-1)		1220-1⅝ 559 (600-1⅝)	NA
C CIRCLING	1440-1 779 (800-1)	1460-1 799 (800-1)	1500-2½ 839 (900-2½)	NA

REIL Rwys 7 and 25 L
MIRL Rwy 7-25 L

WAVERLY, OHIO
Amdt 3 12JUN25

39°10′N-82°56′W

PIKE COUNTY (EOP)

RNAV (GPS) RWY 7

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

WAAS	APP CRS	Rwy Ldg	4899
CH 97537	248°	TDZE	661
W25A		Apt Elev	661

RNAV (GPS) RWY 25

PIKE COUNTY (EOP)

RNP APCH - GPS

T NA Rwy 25 helicopter visibility reduction below ¾ SM NA. Circling Rwy 7 NA at night. When local altimeter setting not received, use PMH altimeter setting and increase all MDAs 60 feet and LNAV visibility Cat C/D ⅛ SM, and LP visibility Cat C/D ⅛ SM, and Circling visibility Cat A/B/C ¼ SM. VDP NA when using PMH altimeter setting.

MISSED APPROACH: Climb to 1120 then climbing left turn to 3000 direct IGMIY and hold.

AWOS-3PT	INDIANAPOLIS CENTER	UNICOM
121.45	135.575 290.5	123.0 (CTAF) L

Procedure NA for arrivals at TARTO on V493 northbound.

(IAF) TARTO

3000 NoPT 199° (17.1)

1680

BRUSH CREEK MOA

BUCKEYE MOA

HOLD 6000 3000

(IF/IAF) IGMIY

248°

068°

4 NM

1225

(FAF) UKESY

2300

248° (6.1)

1448

1473

1052±

752±

1010

HINAB 2.6 NM to RW25

RW25

679

1340

1162

1096

MSA RW25 25 NM

3100

ELEV 661 TDZE 661

248°

4899 X 75

25

1120 3000 IGMIY

VGSI and descent angles not coincident (VGSI Angle 3.00/TCH 25).

4 NM Holding Pattern

IGMIY

UKESY

HINAB 2.6 NM to RW25

1.1 NM to RW25

RW25

248°

068° 6000

248° 3000

2300

3.00°

1520 TCH 40

1.1 NM 1.6 NM 2.4 NM 6.1 NM

CATEGORY	A	B	C	D
LP MDA	1020-1		359 (400-1)	
LNAV MDA	1280-1	619 (700-1)	1280-1¾	619 (700-1¾)
C CIRCLING	1440-1 779 (800-1)	1460-1 799 (800-1)	1500-2½ 839 (900-2½)	1640-3 979 (1000-3)

REIL Rwys 7 and 25 L

MIRL Rwy 7-25 L

EC-2, 12 JUN 2025 to 07 AUG 2025

EC-2, 12 JUN 2025 to 07 AUG 2025

WEST UNION, OHIO | AL-6236 (FAA) | 24193

RNAV (GPS) RWY 5
ALEXANDER SALAMON (AMT)

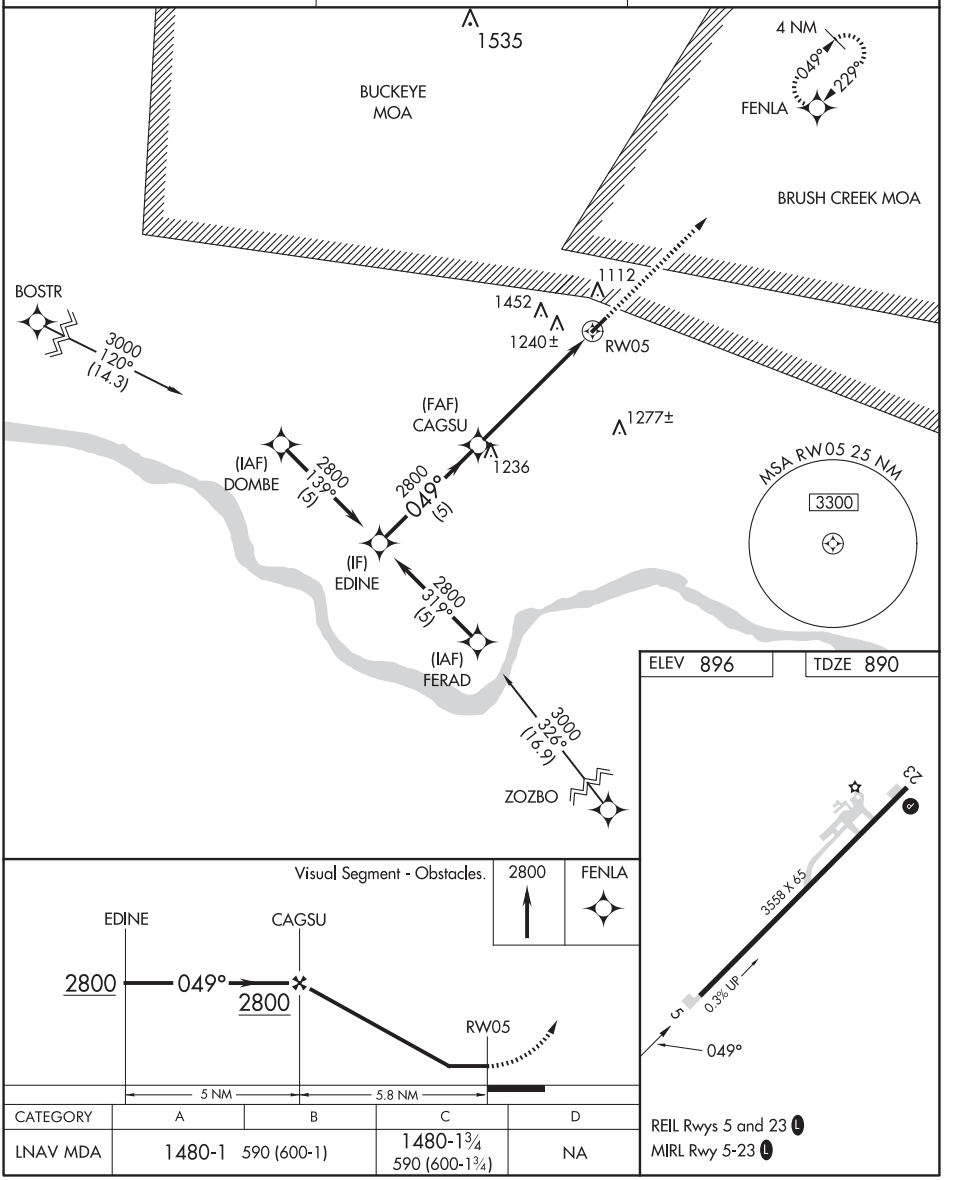
APP CRS	Rwy Idg	3558
049°	TDZE	890
	Apt Elev	896

RNP APCH.

T A NA — Procedure NA at night. Rwy 5 helicopter visibility reduction below 1 SM NA. Use Flemingsburg, Kentucky altimeter setting.

MISSED APPROACH: Climb to 2800 direct FENLA and hold.

FGX AWOS-3	INDIANAPOLIS CENTER	UNICOM
118.125	135.575 290.5	122.8 (CTAF) L



CATEGORY	A	B	C	D
LNAV MDA	1480-1 590 (600-1)		1480-1¾ 590 (600-1¾)	NA

REIL Rwys 5 and 23 L
MIRL Rwy 5-23 L

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

RNAV (GPS) RWY 23

ALEXANDER SALAMON (AMT)

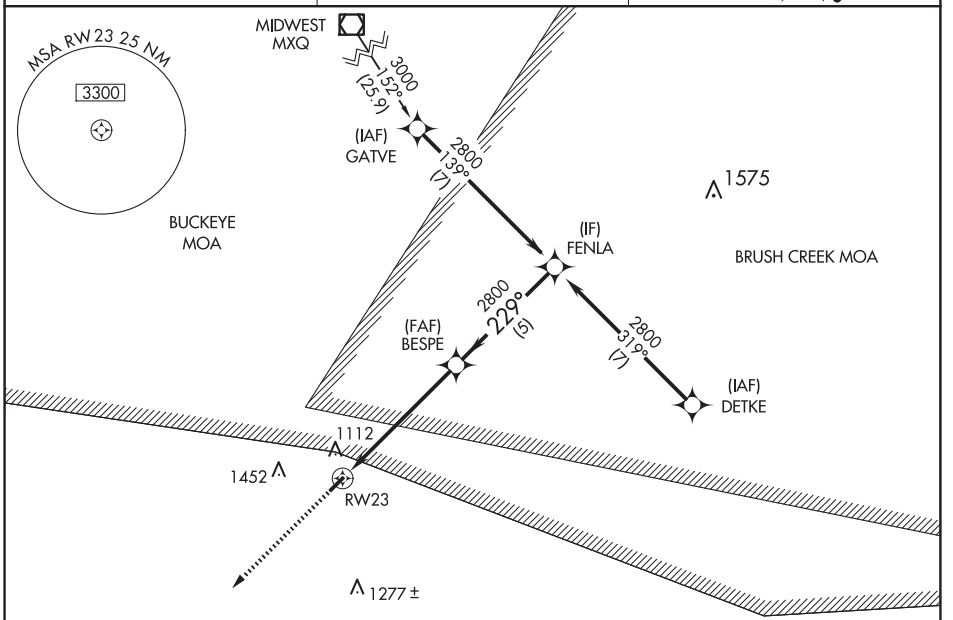
APP CRS		
229°	Rwy Idg	3558
	TDZE	896
	Apt Elev	896

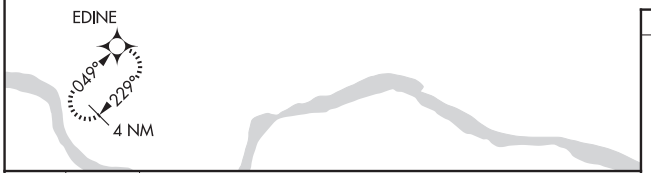
RNP APCH - GPS.

T NA Procedure NA at night. Rwy 23 helicopter visibility reduction below 1 SM NA. Use Flemingsburg, Kentucky altimeter setting.

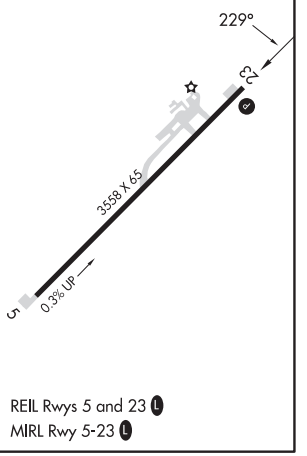
MISSED APPROACH: Climb to 2800 direct EDINE and hold.

FGX AWOS-3	INDIANAPOLIS CENTER	UNICOM
118.125	135.575 290.5	122.8 (CTAF) L





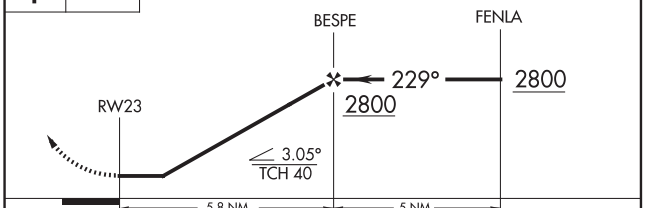
ELEV 896	TDZE 896



REIL Rwys 5 and 23 L
MIRL Rwy 5-23 L

2800 EDINE

VGSI and descent angles not coincident (VGSI Angle 3.30/TCH 25).



CATEGORY	A	B	C	D
LNAV MDA	1460-1	564 (600-1)	1460-1⅝	NA
			564 (600-1⅝)	

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

WILLARD, OHIO | AL-5846 (FAA) | 24193

RNAV (GPS)-A
WILLARD (8G1)

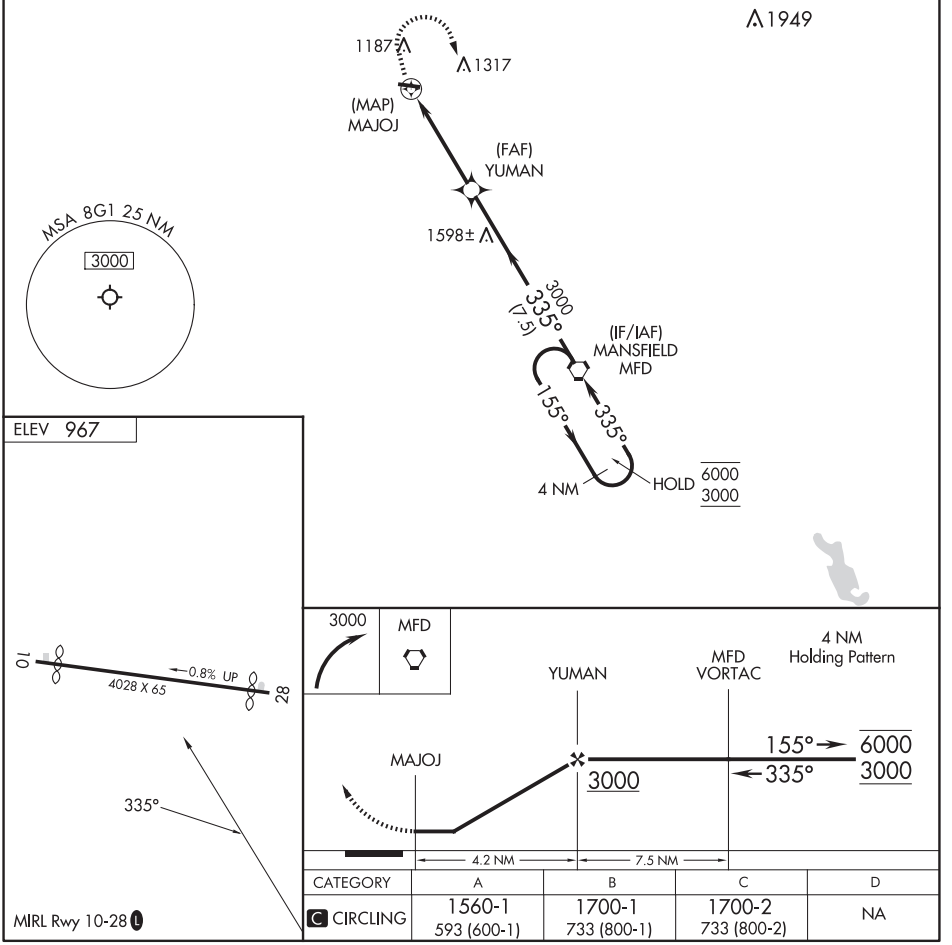
APP CRS	Rwy Idg	N/A
335°	TDZE	N/A
	Apt Elev	967

RNP APCH.

NA Procedure NA at night. Use Marion altimeter setting.

MISSED APPROACH: Climbing right turn to 3000 direct MFD VORTAC and hold.

MNN ASOS	CLEVELAND APP CON ★	CLEVELAND RADIO	CTAF (L)
119.975	128.35 360.65	122.6	122.9



CATEGORY	A	B	C	D
C CIRCLING	1560-1 593 (600-1)	1700-1 733 (800-1)	1700-2 733 (800-2)	NA

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

RNAV (GPS) RWY 5

LAKE COUNTY EXEC (LNN)

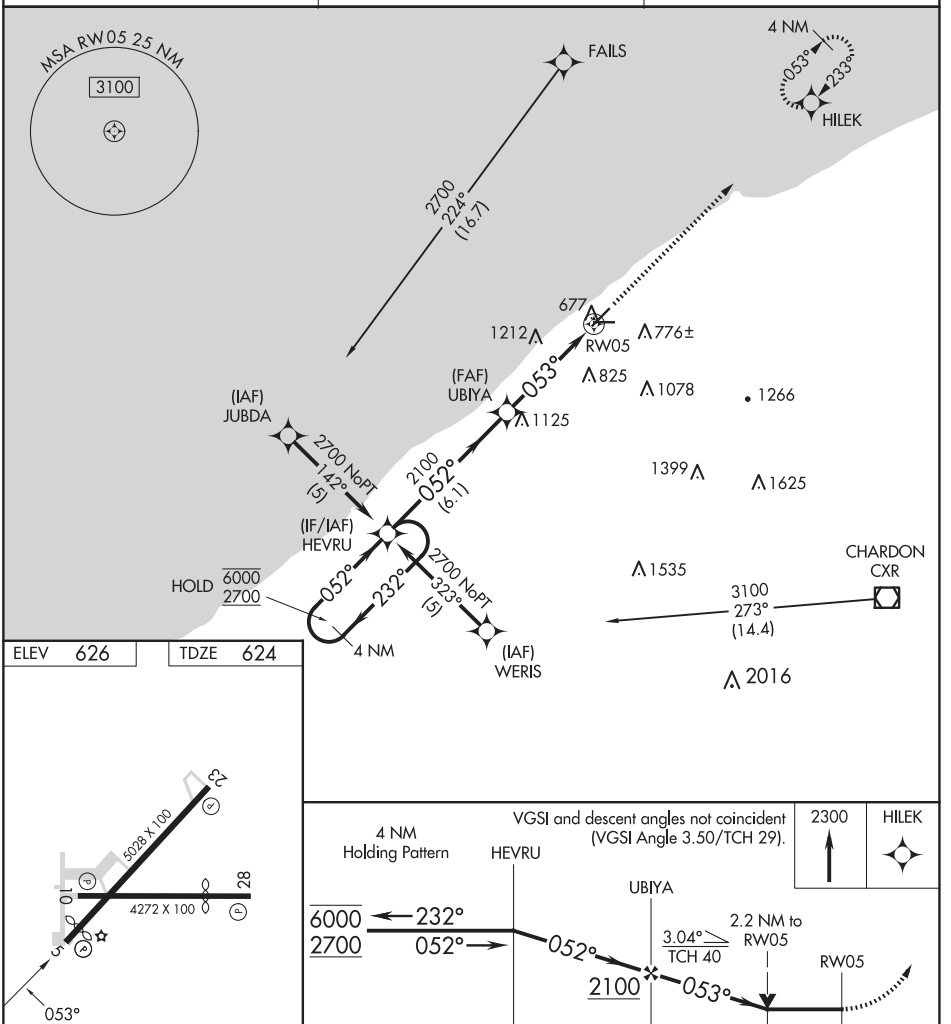
APP CRS	Rwy Idg	4600
053°	TDZE	624
	Apt Elev	626

RNP APCH - GPS.

Rwy 5 helicopter visibility reduction below ¾ SM NA.

MISSED APPROACH: Climb to 2300 direct HILEK and hold.

AWOS-3PT	CLEVELAND APP CON	UNICOM
119.225	125.35 346.325	122.725 (CTAF) L



CATEGORY	A	B	C	D
LNAV MDA	1460-1 836 (900-1)	1460-1¼ 836 (900-1¼)	1460-2½ 836 (900-2½)	NA
CIRCLING	1460-1¼	834 (900-1¼)	1520-2¾ 894 (900-2¾)	NA

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

WILLOUGHBY, OHIO | AL-753 (FAA) | 24025

APP CRS	Rwy Idg	4272
098°	TDZE	625
	Apt Elev	626

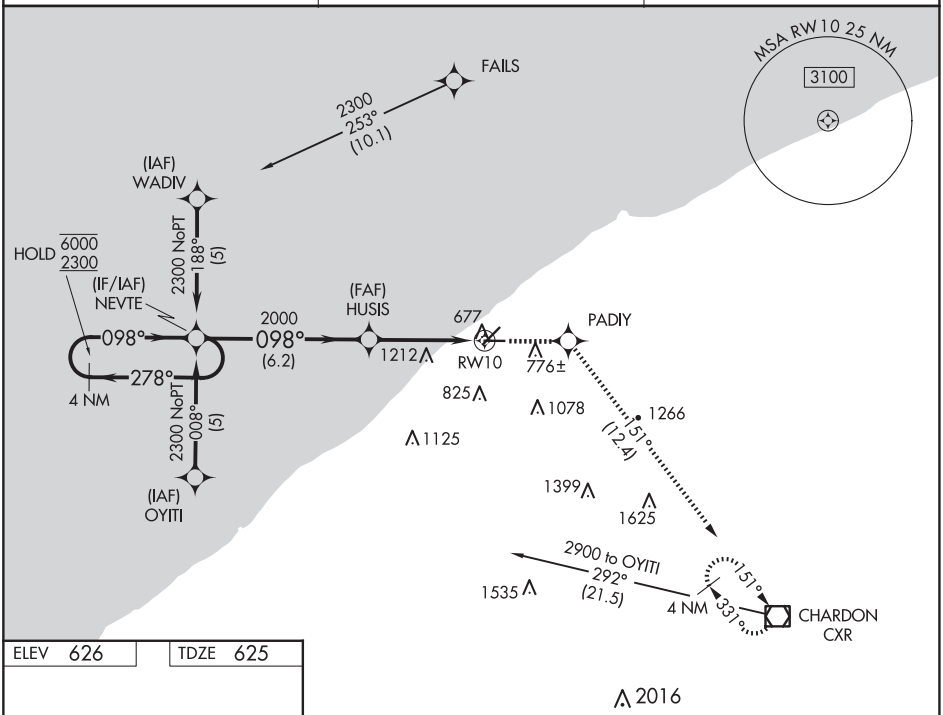
RNAV (GPS) RWY 10
LAKE COUNTY EXEC (LNN)

RNP APCH.

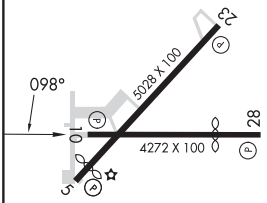
Rwy 10 helicopter visibility reduction below ¾ SM NA.

MISSED APPROACH: Climb to 2900 direct PADIY and on track 151° to CXR VOR/DME and hold.

AWOS-3PT	CLEVELAND APP CON	UNICOM
119.225	125.35 346.325	122.725 (CTAF) L



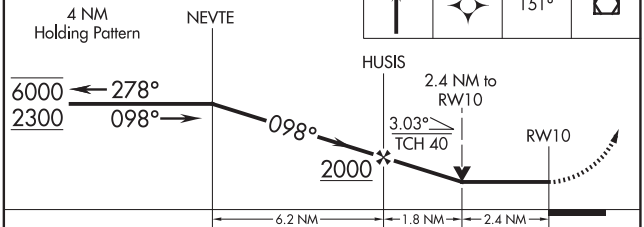
ELEV 626	TDZE 625



REIL Rwys 5, 10, 23 and 28 L
MIRL Rwys 5-23 and 10-28 L

VGSI and descent angles not coincident (VGSI Angle 3.50/TCH 47).

2900	PADIY	tr 151°	CXR



CATEGORY	A	B	C	D
LNAV MDA	1560-1¼ 935 (1000-1¼)		1560-2¾ 935 (1000-2¾)	NA
CIRCLING	1560-1¼ 934 (1000-1¼)		1560-2¾ 934 (1000-2¾)	NA

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

WAAS	APP CRS	Rwy Idg	5028
CH **82410**	**233°**	TDZE	623
W23A		Apt Elev	626

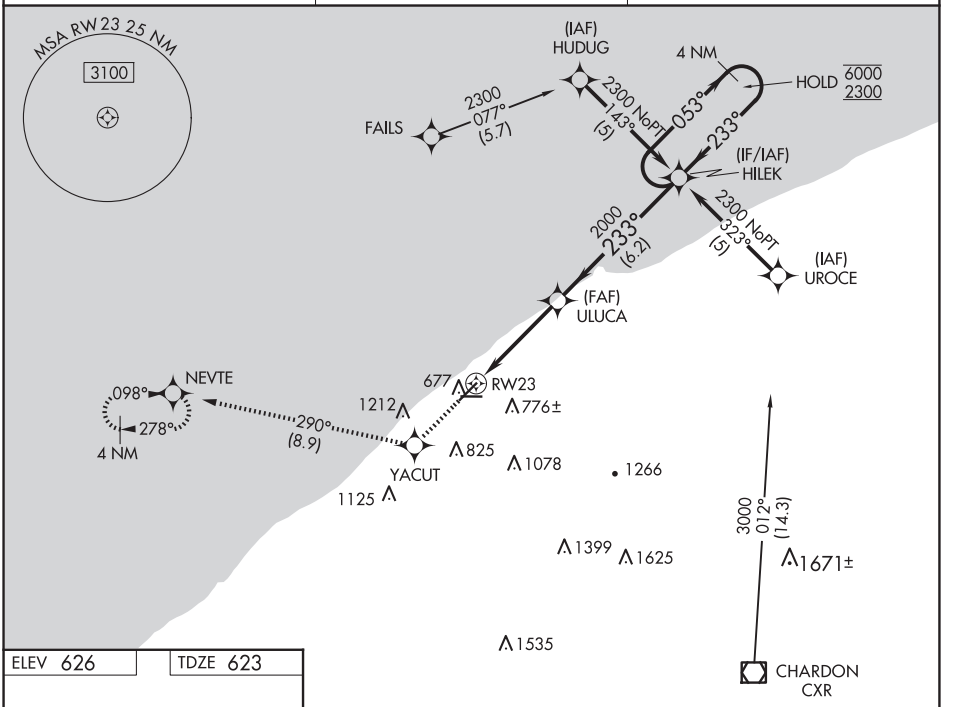
RNAV (GPS) RWY 23
LAKE COUNTY EXEC (LNN)

RNP APCH - GPS.

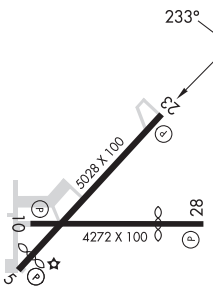
Rwy 23 helicopter visibility reduction below ¾ SM NA. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -16°C or above 54°C.

MISSED APPROACH: Climb to 2300 direct YACUT and on track 290° to NEVTE and hold.

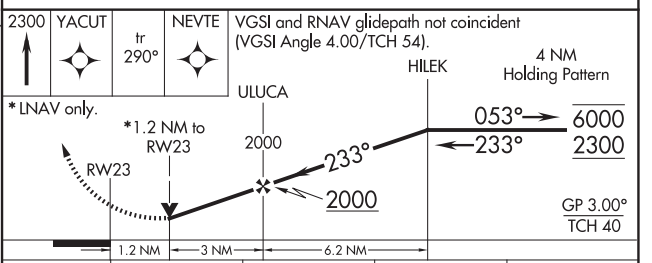
AWOS-3PT	CLEVELAND APP CON	UNICOM
119.225	**125.35 346.325**	**122.725** (CTAF) L



ELEV 626 TDZE 623



REIL Rwys 5, 10, 23 and 28 L
MIRL Rwys 5-23 and 10-28 L



CATEGORY	A	B	C	D
LPV DA	1031-1½ 408 (500-1½)			NA
LNAV/VNAV DA	1142-1¾ 519 (600-1¾)			NA
LNAV MDA	1200-1 577 (600-1)		1200-1⅝ 577 (600-1⅝)	NA
CIRCLING	1200-1 574 (600-1)		1520-2¾ 894 (900-2¾)	NA

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

WILLOUGHBY, OHIO | AL-753 (FAA) | 24025

RNAV (GPS) RWY 28

LAKE COUNTY EXEC (LNN)

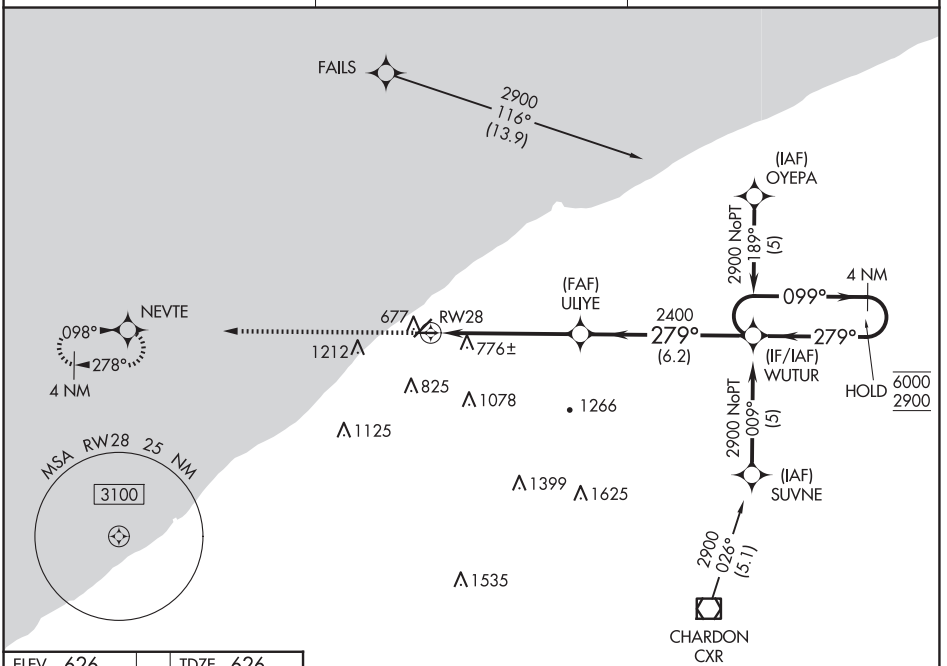
APP CRS	Rwy Idg	3148
279°	TDZE	626
	Apt Elev	626

RNP APCH - GPS.

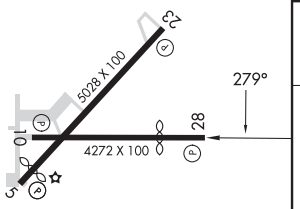
Rwy 28 helicopter visibility reduction below ¾ SM NA.

MISSED APPROACH: Climb to 2300 direct NEVTE and hold.

AWOS-3PT	CLEVELAND APP CON	UNICOM
119.225	125.35 346.325	122.725 (CTAF) L

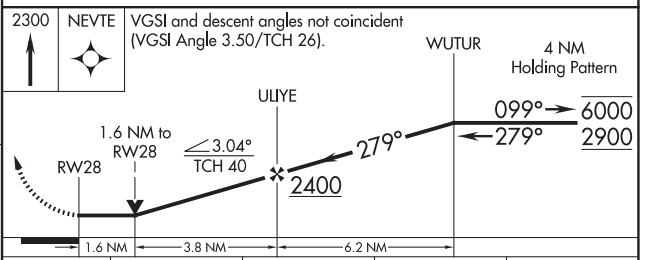


ELEV 626	TDZE 626



MIRL Rwys 5-23 and 10-28 L

REIL Rwys 5, 10, 23, and 28 L



CATEGORY	A	B	C	D
LNAV MDA	1260-1	634 (700-1)	1260-1¾ 634 (700-1¾)	NA
CIRCLING	1260-1	634 (700-1)	1520-2¾ 894 (900-2¾)	NA

WILLOUGHBY, OHIO
Orig-C 08SEP22

41°41′N-81°23′W

LAKE COUNTY EXEC (LNN)

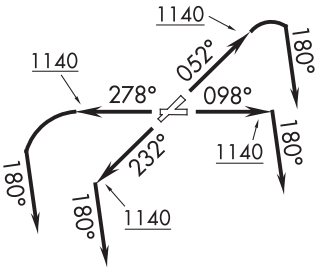
RNAV (GPS) RWY 28

EC-2, 12 JUN 2025 to 07 AUG 2025

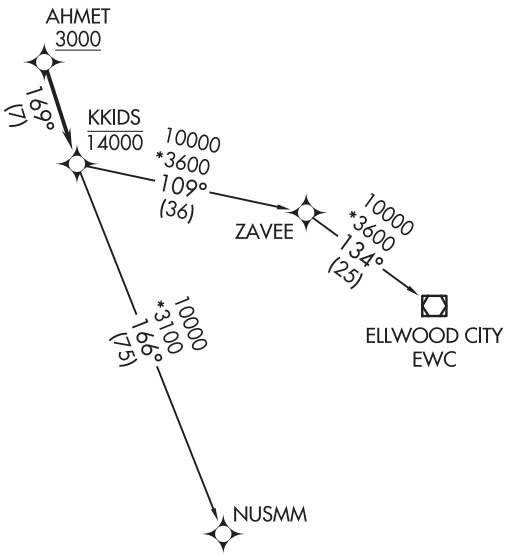
EC-2, 12 JUN 2025 to 07 AUG 2025

AWOS-3PT 119.225
CTAF 122.725
CLEVELAND DEP CON
125.35 346.325

TOP ALTITUDE: ASSIGNED BY ATC



TAKEOFF MINIMUMS:
Rwys 5, 10, 23, 28: Standard with minimum climb of 500' per NM to 1140.



NOTE: RNAV 1.
NOTE: RADAR required.
NOTE: DME/DME/IRU or GPS required.

NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 5: Climb on heading 052° to 1140, then right turn on heading 180° or as assigned by ATC for RADAR vectors to cross AHMET at or above 3000, thence....
TAKEOFF RUNWAY 10: Climb on heading 098° to 1140, then on heading 180° or as assigned by ATC for RADAR vectors to cross AHMET at or above 3000, thence....
TAKEOFF RUNWAY 23: Climb on heading 232° to 1140, then on heading 180° or as assigned by ATC for RADAR vectors to cross AHMET at or above 3000, thence....
TAKEOFF RUNWAY 28: Climb on heading 278° to 1140, then left turn on heading 180° or as assigned by ATC for RADAR vectors to cross AHMET at or above 3000, thence....

....on track 169° to cross KKIDS at or below 14000, then on (transition).
Maintain altitude assigned by ATC, expect filed altitude ten minutes after departure.

ELLWOOD CITY TRANSITION (AHMET4.EWC)
NUSMM TRANSITION (AHMET4.NUSMM)

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

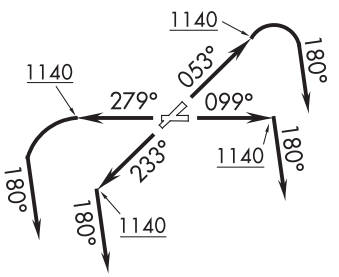
(CAVVS4.CAVVS) 22083 AL-753 (FAA)

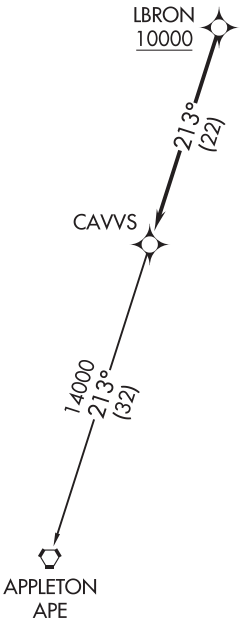
CAVVS FOUR DEPARTURE (RNAV)

LAKE COUNTY EXEC (LNN)
WILLOUGHBY, OHIO

AWOS-3PT 119.225
CTAF 122.725
CLEVELAND DEP CON
125.35 346.325

TOP ALTITUDE: ASSIGNED BY ATC





NOTE: RADAR required.
NOTE: RNAV 1.
NOTE: DME/DME/IRU or GPS required.

TAKEOFF MINIMUMS:
Rwys 5, 10, 23, 28: Standard with a minimum climb of 500′ per NM to 1140.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 5: Climb on heading 053° to 1140, then right turn heading 180° or as assigned by ATC for RADAR vectors to cross LBRON at or above 10000, thence....

TAKEOFF RUNWAY 10: Climb on heading 099° to 1140, then on heading 180° or as assigned by ATC for RADAR vectors to cross LBRON at or above 10000, thence....

TAKEOFF RUNWAY 23: Climb on heading 233° to 1140, then on heading 180° or as assigned by ATC for RADAR vectors to cross LBRON at or above 10000, thence....

TAKEOFF RUNWAY 28: Climb on heading 279° to 1140, then left turn heading 180° or as assigned by ATC for RADAR vectors to cross LBRON at or above 10000, thence....

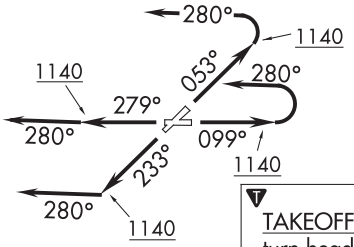
....on track 213° to CAVVS, then on (transition).
Maintain altitude assigned by ATC, expect filed altitude ten minutes after departure.

APPLETON TRANSITION (CAVVS4.APE)

NOTE: Chart not to scale.

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

GTLKE FOUR DEPARTURE (RNAV)



TOP ALTITUDE: ASSIGNED BY ATC

AWOS-3PT 119.225
CTAF 122.725
CLEVELAND DEP CON 125.35 346.325

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 5: Climb on heading 053° to 1140, then left turn heading 280° or as assigned by ATC for RADAR vectors to cross AYYLE at or above 9000, thence....

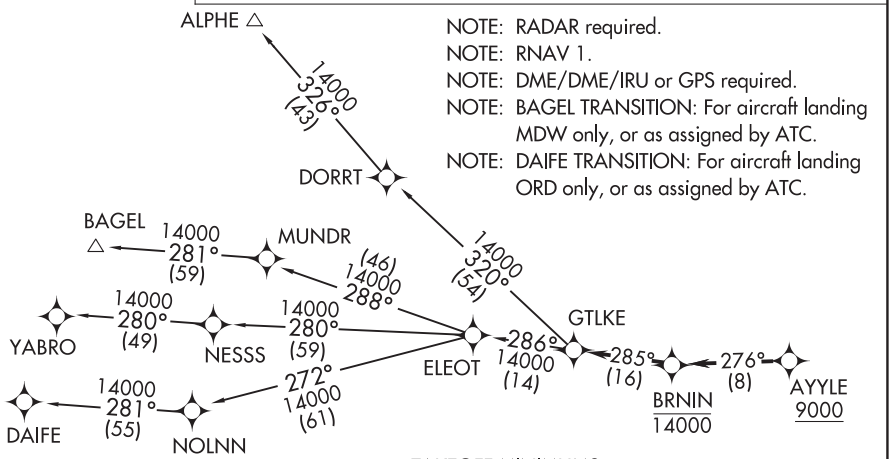
TAKEOFF RUNWAY 10: Climb on heading 099° to 1140, then left turn heading 280° or as assigned by ATC for RADAR vectors to cross AYYLE at or above 9000, thence....

TAKEOFF RUNWAY 23: Climb on heading 233° to 1140, then on heading 280° or as assigned by ATC for RADAR vectors to cross AYYLE at or above 9000, thence....

TAKEOFF RUNWAY 28: Climb on heading 279° to 1140, then on heading 280° or as assigned by ATC for RADAR vectors to cross AYYLE at or above 9000, thence....

....on track 276° to cross BRNIN at or below 14000, then on track 285° to GTLKE then on (transition). Maintain ATC assigned altitude, expect filed altitude ten minutes after departure.

ALPHE TRANSITION (GTLKE4.ALPHE)
BAGEL TRANSITION (GTLKE4.BAGEL)
DAIFE TRANSITION (GTLKE4.DAIFE)
YABRO TRANSITION (GTLKE4.YABRO)



NOTE: RADAR required.
NOTE: RNAV 1.
NOTE: DME/DME/IRU or GPS required.
NOTE: BAGEL TRANSITION: For aircraft landing MDW only, or as assigned by ATC.
NOTE: DAIFE TRANSITION: For aircraft landing ORD only, or as assigned by ATC.

TAKEOFF MINIMUMS:
Rwys 5, 10, 23, 28: Standard with a minimum climb of 500' per NM to 1140.

NOTE: Chart not to scale.

EC-2, 12 JUN 2025 to 07 AUG 2025

EC-2, 12 JUN 2025 to 07 AUG 2025

(MYCAR4.MYCAR) 22083 AL-753 (FAA)

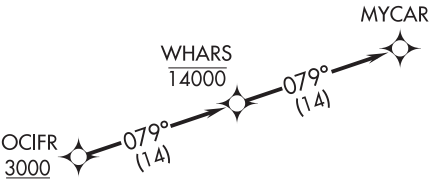
MYCAR FOUR DEPARTURE (RNAV)

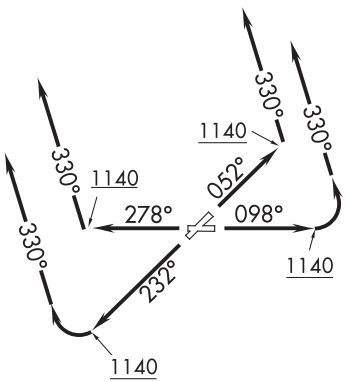
LAKE COUNTY EXEC (LNN)
WILLOUGHBY, OHIO

AWOS-3PT
119.225
CTAF 122.725
CLEVELAND DEP CON
125.35 346.325

TOP ALTITUDE: ASSIGNED BY ATC

NOTE: RNAV 1.
NOTE: RADAR required.
NOTE: DME/DME/IRU or GPS required.





TAKEOFF MINIMUMS:
Rwys 5, 10, 23, 28: Standard with minimum climb of 500' per NM to 1140.

NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 5: Climb on heading 052° to 1140, then on heading 330° or as assigned by ATC for RADAR vectors to cross OCIFR at or above 3000, thence....
TAKEOFF RUNWAY 10: Climb on heading 098° to 1140, then left turn on heading 330° or as assigned by ATC for RADAR vectors to cross OCIFR at or above 3000, thence....
TAKEOFF RUNWAY 23: Climb on heading 232° to 1140, then right turn on heading 330° or as assigned by ATC for RADAR vectors to cross OCIFR at or above 3000, thence....
TAKEOFF RUNWAY 28: Climb on heading 278° to 1140, then on heading 330° or as assigned by ATC for RADAR vectors to cross OCIFR at or above 3000, thence....

....on track 079° to cross WHARS at or below 14000, then on track 079° to MYCAR. Maintain altitude assigned by ATC, expect filed altitude ten minutes after departure.

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

ZAAPA FIVE DEPARTURE (RNAV)

ZAAPA FIVE DEPARTURE (RNAV)
(ZAAPA5.ZAAPA) 26MAR20
WILLOUGHBY, OHIO
LAKE COUNTY EXEC (LNN)

WILMINGTON, OHIO | AL-9153 (FAA) | 23054

RNAV (GPS) RWY 3

CLINTON FLD (I66)

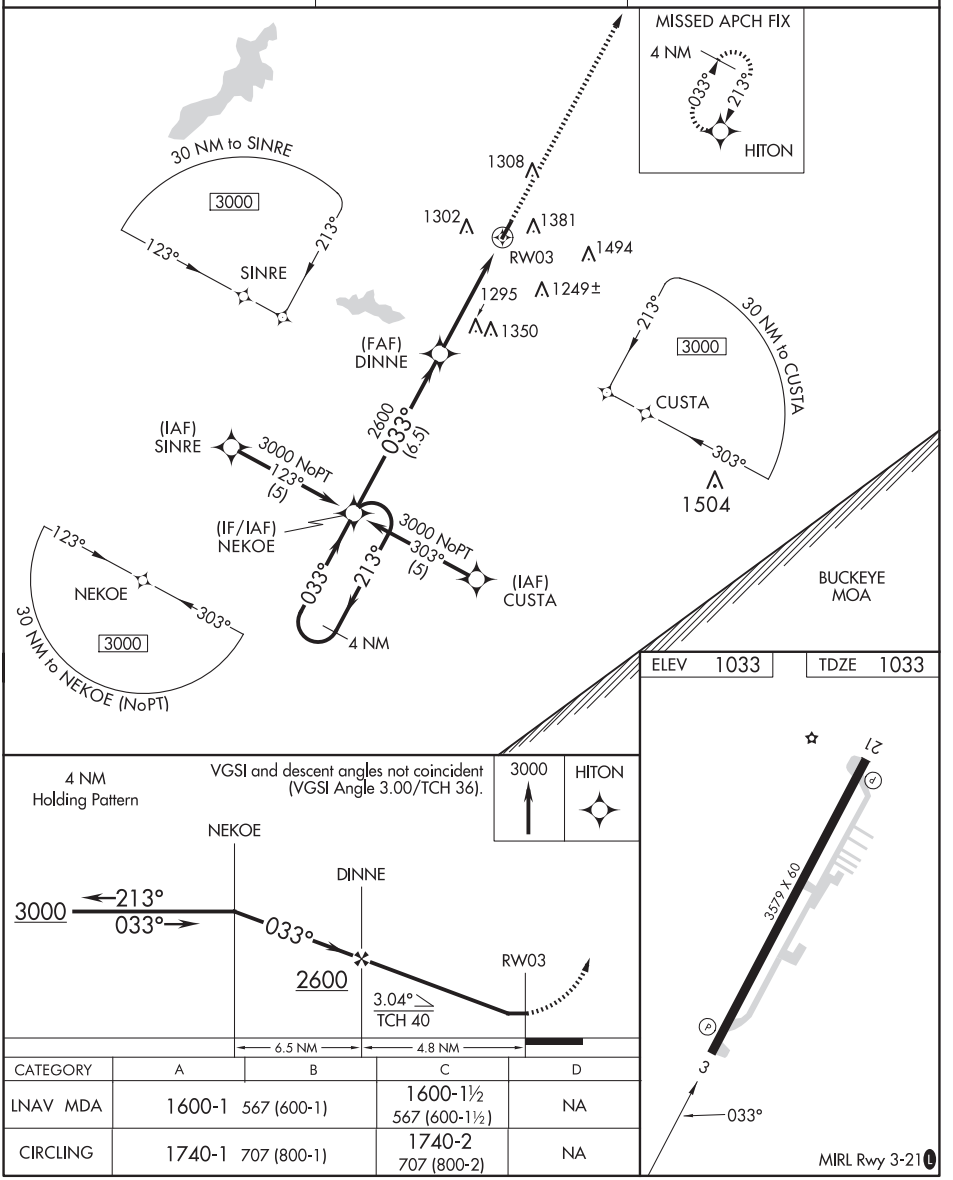
APP CRS	Rwy Idg	3579
033°	TDZE	1033
	Apt Elev	1033

RNP APCH.

▼ / ⚠ NA — If local altimeter setting not received, use Wilmington Air Park altimeter setting and increase all MDAs 20 feet. Rwy 3 helicopter visibility reduction below ¾ SM NA.

MISSED APPROACH: Climb to 3000 direct HITON and hold.

AWOS-3	COLUMBUS APP CON	UNICOM
124.175	118.85 269.275	122.725 (CTAF) L



CATEGORY	A	B	C	D
LNAV MDA	1600-1	567 (600-1)	1600-1½ 567 (600-1½)	NA
CIRCLING	1740-1	707 (800-1)	1740-2 707 (800-2)	NA

WILMINGTON, OHIO
Orig-A 15AUG19

39°30'N-83°52'W

CLINTON FLD (I66)

RNAV (GPS) RWY 3

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

RNAV (GPS) RWY 21

CLINTON FLD (I66)

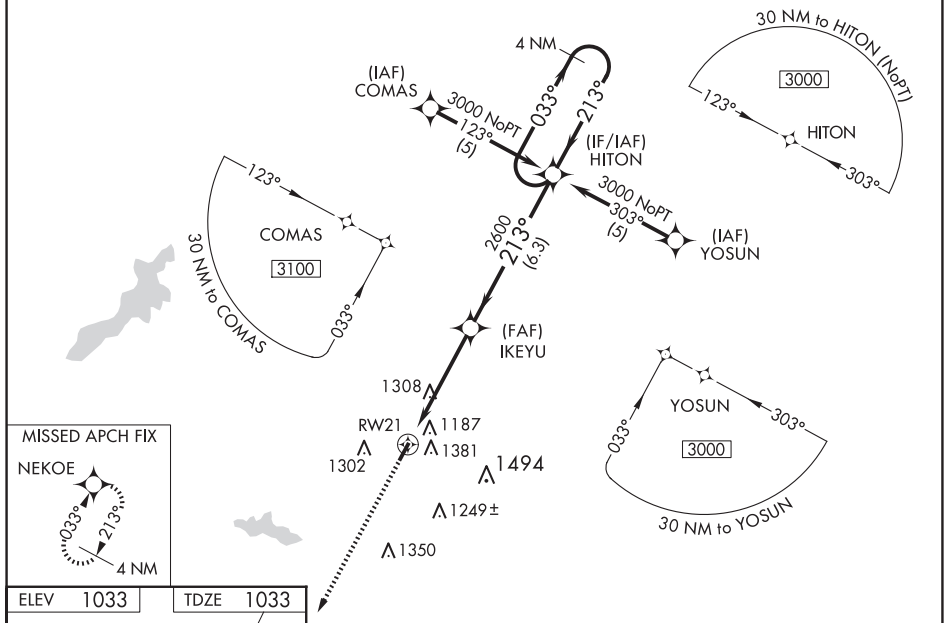
WAAS	APP CRS	Rwy Idg	3579
CH 99608	213°	TDZE	1033
W21A		Apt Elev	1033

RNP APCH.

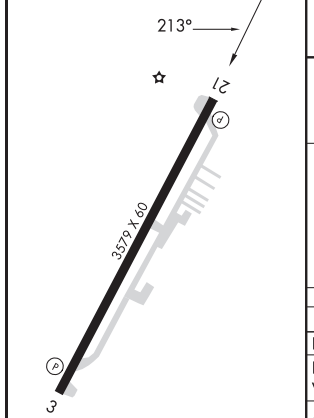
Baro-VNAV NA when using Wilmington Air Park altimeter setting. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -17°C or above 54°C. When local altimeter setting not received, use Wilmington Air Park altimeter setting and increase all DA/MDA 20 feet. Rwy 21 helicopter visibility reduction below ¾ SM NA.

MISSED APPROACH: Climb to 3000 direct NEKOE and hold.

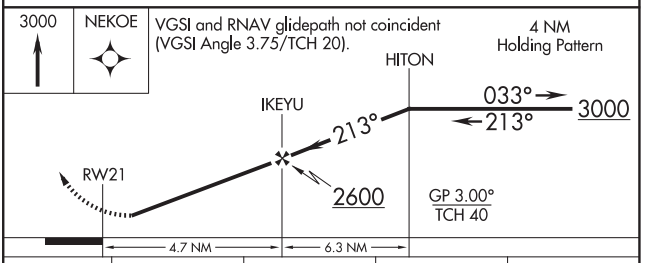
AWOS-3	COLUMBUS APP CON	UNICOM
124.175	118.85 269.275	122.725 (CTAF)



ELEV 1033	TDZE 1033



MIRL Rwy 3-21 (L)



CATEGORY	A	B	C	D
LPV DA	1491-1¾ 458 (500-1¾)			NA
LNAV/VNAV DA	1589-2 556 (600-2)			NA
LNAV MDA	1640-1 607 (700-1)		1640-1¾ 607 (700-1¾)	NA
CIRCLING	1740-1 707 (800-1)		1740-2 707 (800-2)	NA

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

WILMINGTON, OHIO

AL-583 (FAA)

24305

ILS or LOC RWY 4L

WILMINGTON AIR PARK (ILN)

LOC I-HWM	APP CRS	Rwy Idg	10701
110.7	044°	TDZE	1057
		Apt Elev	1077

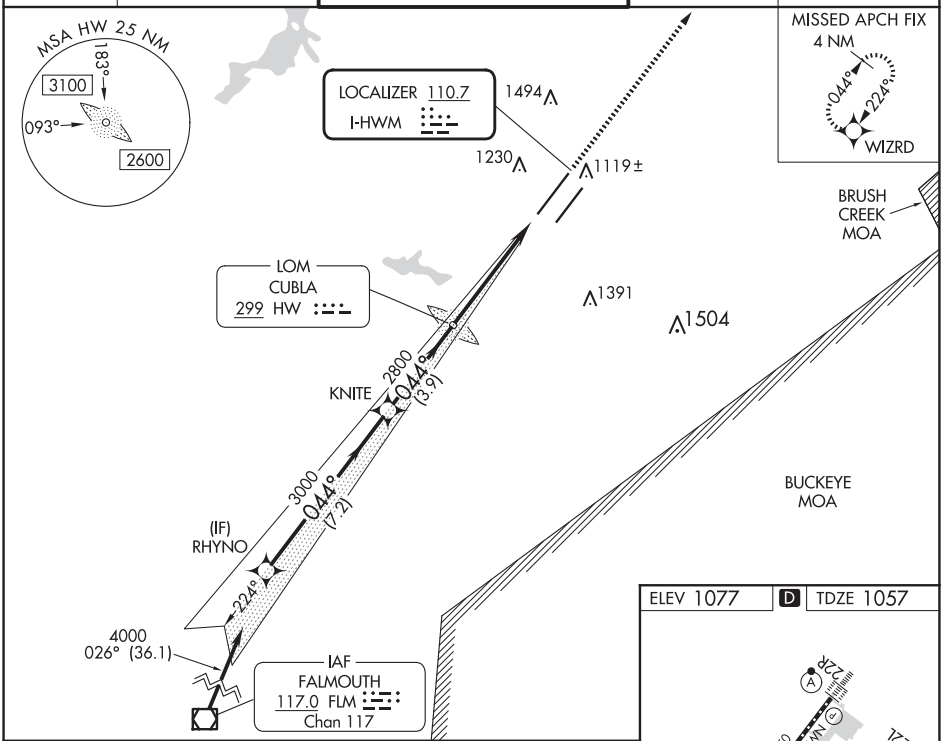
RNP APCH - GPS.

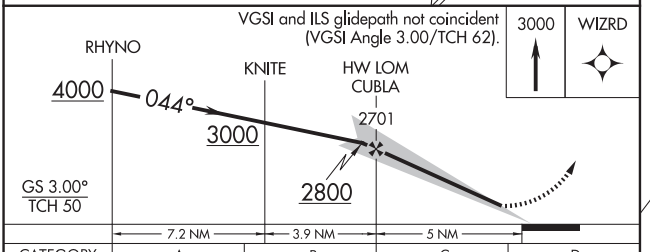
For inop ALS, increase S-LOC 4L Cats C and D visibility to 1⅜ SM.

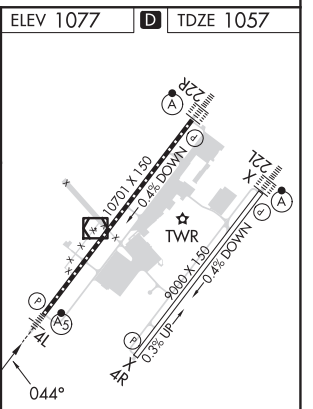
MALSR

MISSED APPROACH: Climb to 3000 direct WIZRD and hold.

D-ATIS	COLUMBUS APP CON	WILMINGTON TOWER	GND CON	CLNC DEL
124.925	118.85 269.275	119.475	121.6	128.85







CATEGORY	A	B	C	D
S-ILS 4L	1257/24 200 (200-½)			
S-LOC 4L	1520/24 463 (500-½)		1520/50 463 (500-1)	
C CIRCLING	1560-1 483 (500-1)		1860-2¼ 783 (800-2¼)	1860-2½ 783 (800-2½)

TDZ/CL Rwys 22L and 22R
HIRL Rwys 4L-22R and 4R-22L

FAF to MAP 5 NM

Knots	60	90	120	150	180
Min:Sec	5:00	3:20	2:30	2:00	1:40

EC-2, 12 JUN 2025 to 07 AUG 2025

EC-2, 12 JUN 2025 to 07 AUG 2025

LOC I-ILN	APP CRS	Rwy Idg	10701
110.7	224°	TDZE	1077
		Apt Elev	1077

ILS or LOC RWY 22R
WILMINGTON AIR PARK (ILN)

DME or RADAR required for procedure entry.
ADF or DME required for LOC only.

Simultaneous approach authorized. DME from MXQ VOR/DME. DME use requires simultaneous reception of I-ILN and MXQ DME.

ALSF-2

MISSED APPROACH: Climb to 1600 then climbing right turn to 3500 on MXQ VOR/DME R-250 to KLARC INT/MXQ 10 DME/ RADAR and hold, continue climb-in-hold to 3500.

D-ATIS	COLUMBUS APP CON	WILMINGTON TOWER	GND CON	CLNC DEL
124.925	118.85 269.275	119.475	121.6	128.85

Procedure NA for arrival on APE VORTAC airway radials 189 CW 300.

2049

114.5 DQN R-156 Chan 92

(IAF) RITEY MXQ 17.1 APE 54.4 RADAR

044° 3000 243° (54.4) R-243

MXQ R-042

APPLETON 116.7 APE Chan 114

(IF) WIZRD MXQ 11 RADAR

2600 224° (6.1)

2400 224° (6.2)

MIDWEST 112.9 MXQ Chan 76

1494

LOM AIRBO 407 IL MXQ 4.8

1150±

1230

1119± IM

KLARC INT MXQ 10 RADAR

R-250

LOCALIZER 110.7 I-ILN

1391

BRUSH CREEK MOA

BUCKEYE MOA

MSA MXQ 25 NM

180° 3100 090° 2700

070° 250°

ELEV 1077 D TDZE 1077

224°

22R 22L 4L 4R

10701 X 150 0.4% DOWN

9000 X 150 0.4% UP

TWR

1600 3500 MXQ R-250 KLARC INT

VGSI and ILS glidepath not coincident (VGSI Angle 3.00/TCH 71).

AIRBO LOM MXQ 4.8

WIZRD MXQ 11 RADAR

MXQ 1 IM

MXQ 1.8

2327

224° 2600

2400

GS 3.00° TCH 55

0.2 0.6 3 NM 6.2 NM

CATEGORY	A	B	C	D
S-ILS 22R	1277/18		200 (200-½)	
S-LOC 22R	1400/24	323 (400-½)	1400/26	323 (400-½)
C CIRCLING	1560-1	483 (500-1)	1860-2¼ 783 (800-2¼)	1860-2½ 783 (800-2½)

TDZ/CL Rwys 22L and 22R
HIRL Rwys 4L-22R and 4R-22L

FAF to MAP 3.8 NM

Knots	60	90	120	150	180
Min:Sec	3:48	2:32	1:54	1:31	1:16

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

WILMINGTON, OHIO | AL-583 (FAA) | 24361

LOC I-ILN	APP CRS	Rwy Idg	10701
110.7	224°	TDZE	1077
		Apt Elev	1077

ILS RWY 22R (SA CAT I)

WILMINGTON AIR PARK (ILN)

DME or RADAR required for procedure entry.

Simultaneous approach authorized. Requires specific OPSPEC, MSPEC, or LOA approval. DME from MXQ VOR/DME. DME use requires simultaneous reception of I-ILN and MXQ DME.

ALSF-2

MISSED APPROACH: Climb to 1600 then climbing right turn to 3500 on MXQ VOR/DME R-250 to KLARC INT/MXQ 10 DME/RADAR and hold, continue climb-in-hold to 3500.

D-ATIS	COLUMBUS APP CON	WILMINGTON TOWER	GND CON	CLNC DEL
124.925	118.85 269.275	119.475	121.6	128.85

Procedure NA for arrival on APE VORTAC airway radials 189 CW 300.

2049

114.5 DQN R-156 Chan 92

(IAF) RITEY MXQ 17.1 APE 54.4 RADAR

044° 3000 243° (54.4) R-243

MXQ R-042

APPLETON 116.7 APE Chan 114

(IF) WIZRD MXQ 11 RADAR

2600 224° (6.1)

2400 224° (6.2)

MIDWEST 112.9 MXQ Chan 76

1494

LOM AIRBO 407 IL MXQ 4.8

1150±

1230

1119±

IM

KLARC INT MXQ 10 RADAR

R-250

LOCALIZER 110.7 I-ILN

1391

BRUSH CREEK MOA

BRUSH CREEK MOA

BUCKEYE MOA

BUCKEYE MOA

MSA MXQ 25 NM

180°

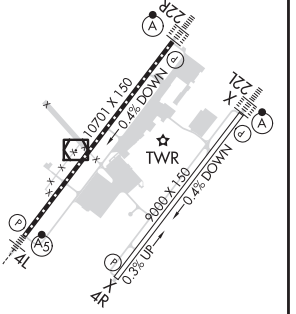
3100

090°

2700

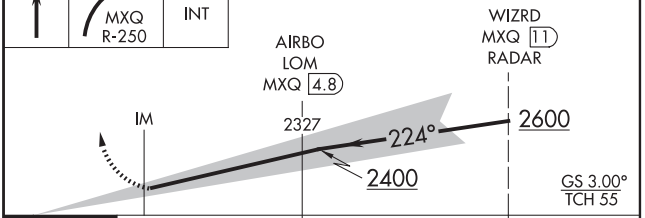
070° 250°

ELEV 1077 D TDZE 1077



1600	3500	KLARC INT
	MXQ R-250	

VGSI and ILS glidepath not coincident (VGSI Angle 3.00/TCH 71).



CATEGORY	A	B	C	D
S-ILS 22R	RA 148/14		150 DA 1227	

SA CATEGORY I ILS - SPECIAL AIRCREW & AIRCRAFT CERTIFICATION REQUIRED

TDZ/CL Rwys 22L and 22R
HIRL Rwys 4L-22R and 4R-22L

WILMINGTON, OHIO
Amdt 6C 26DEC24

39°26'N-83°48'W

WILMINGTON AIR PARK (ILN)
ILS RWY 22R (SA CAT I)

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

LOC I-ILN	APP CRS	Rwy Idg	10701
110.7	224°	TDZE	1077
		Apt Elev	1077

ILS RWY 22R (CAT II & III)

WILMINGTON AIR PARK (ILN)

DME or RADAR required for procedure entry.

Simultaneous approach authorized.
DME from MXQ VOR/DME.
DME use requires simultaneous reception of I-ILN and MXQ DME.

ALSF-2

MISSED APPROACH: Climb to 1600 then climbing right turn to 3500 on MXQ VOR/DME R-250 to KLARC INT/MXQ 10 DME/RADAR and hold, continue climb-in-hold to 3500.

D-ATIS	COLUMBUS APP CON	WILMINGTON TOWER	GND CON	CLNC DEL
124.925	118.85 269.275	119.475	121.6	128.85

Procedure NA for arrival on APE VORTAC airway radials 189 CW 300.

2049

114.5 DQN R-156 Chan 92

(IAF) RITEY MXQ 17.1 APE 54.4 RADAR

044°
3000
243° (54.4)
R-243
MXQ R-042

APPLETON 116.7 APE Chan 114

(IF) WIZRD MXQ 11 RADAR

2600
224° (6.1)
2400
224° (6.2)

MIDWEST 112.9 MXQ Chan 76

1494

LOM AIRBO 407 IL MXQ 4.8

1150±
1119±
IM

1230

KLARC INT MXQ 10 RADAR

R-250

LOCALIZER 110.7 I-ILN

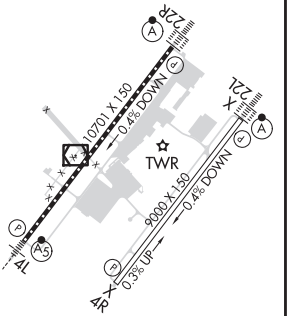
1391

070°
250°

MSA MXQ 25 NM
180°
3100
090°
2700

BRUSH CREEK MOA
BRUSH CREEK MOA
BUCKEYE MOA
BUCKEYE MOA

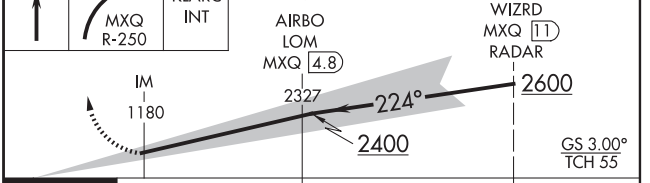
ELEV 1077 D TDZE 1077



TDZ/CL Rwys 22L and 22R
HIRL Rwys 4L-22R and 4R-22L

1600	3500	KLARC INT
	MXQ R-250	

VGSI and ILS glidepath not coincident (VGSI Angle 3.00/TCH 71).



CATEGORY	A	B	C	D
S-ILS 22R	CAT II RA 106/12 100 DA 1177			
S-ILS 22R	CAT III RVR 06			

CATEGORY II & III ILS - SPECIAL AIRCREW & AIRCRAFT CERTIFICATION REQUIRED

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

WILMINGTON, OHIO | AL-583 (FAA) | 25163

RNAV (GPS) RWY 4L

WILMINGTON AIR PARK (ILN)

WAAS	APP CRS	Rwy Ldg	10701
CH 62914	044°	TDZE	1057
W04A		Apt Elev	1077

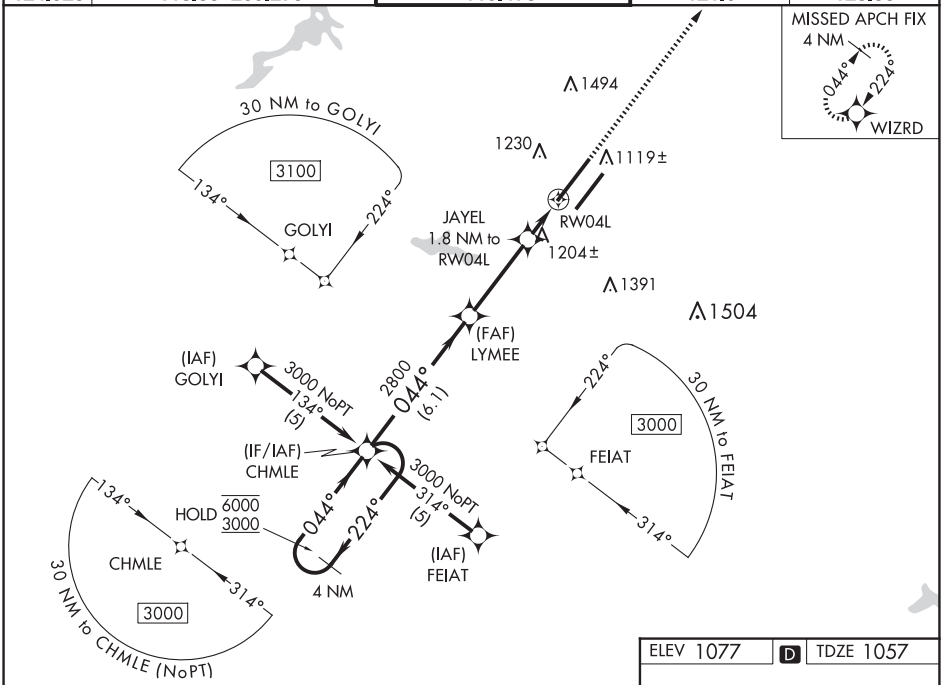
RNP APCH - GPS.

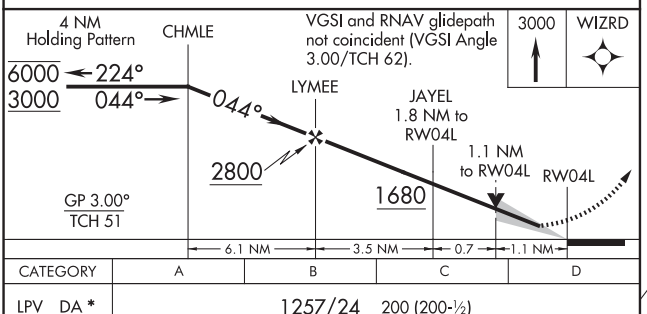
For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -17°C or above 54°C. For inop ALS, increase LNAV Cats A/B visibility to RVR 5500 and LNAV Cats C/D visibility to RVR 6000. *1800 RVR authorized with use of FD or AP or HUD to DA.

MALSR

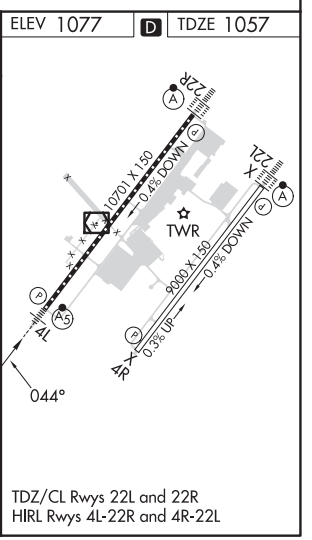
MISSED APPROACH: Climb to 3000 direct WIZRD and hold.

D-ATIS	COLUMBUS APP CON	WILMINGTON TOWER	GND CON	CLNC DEL
124.925	118.85 269.275	119.475	121.6	128.85





CATEGORY	A	B	C	D
LPV DA *	1257/24 200 (200-½)			
LNAV/VNAV DA	1505/45 448 (500-⅞)			
LNAV MDA	1460/24 403 (400-½)		1460/40 403 (400-¾)	
C CIRCLING	1560-1 483 (500-1)		1860-2¼ 783 (800-2¼)	1860-2½ 783 (800-2½)



TDZ/CL Rwys 22L and 22R
HIRL Rwys 4L-22R and 4R-22L

EC-2, 12 JUN 2025 to 07 AUG 2025

EC-2, 12 JUN 2025 to 07 AUG 2025

RNAV (GPS) RWY 22R

WILMINGTON AIR PARK (ILN)

WAAS	APP CRS	Rwy Idg	10701
CH 40214	224°	TDZE	1077
W22A		Apt Elev	1077

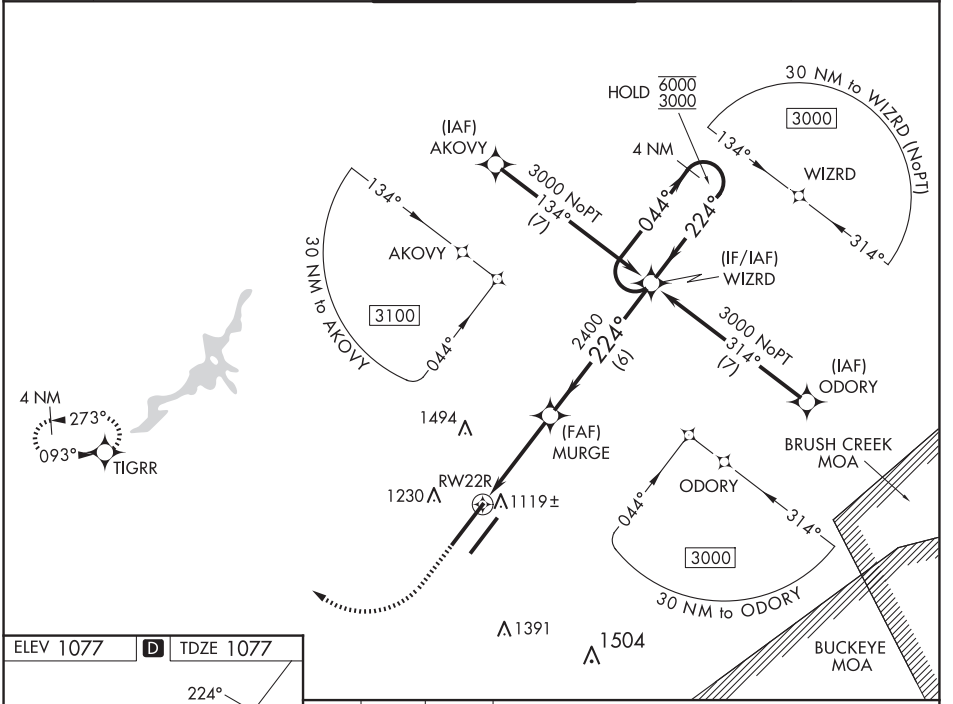
RNP APCH - GPS.

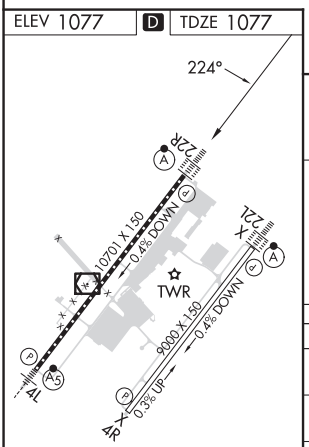
T A For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -19°C or above 54°C. For inop ALS, increase LNAV/VNAV all Cats visibility to RVR 4500.

ALSF-2

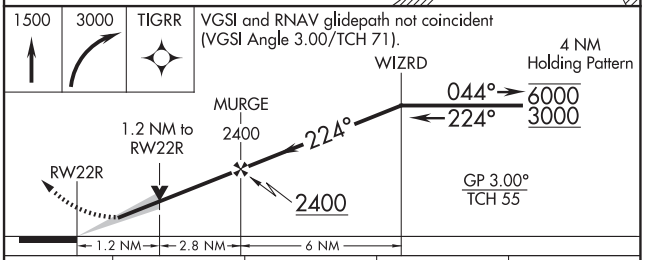
MISSED APPROACH: Climb to 1500 then right turn 3000 direct TIGRR and hold.

D-ATIS	COLUMBUS APP CON	WILMINGTON TOWER	GND CON	CLNC DEL
124.925	118.85 269.275	119.475	121.6	128.85





TDZ/CL Rwys 22L and 22R
HIRL Rwys 4L-22R and 4R-22L



CATEGORY	A	B	C	D
LPV DA	1277/18 200 (200-½)			
LNAV/VNAV DA	1393/24 316 (400-½)			
LNAV MDA	1520/24 443 (500-½)		1520/45 443 (500-⅞)	
C CIRCLING	1560-1 483 (500-1)		1860-2¼ 783 (800-2¼)	1860-2½ 783 (800-2½)

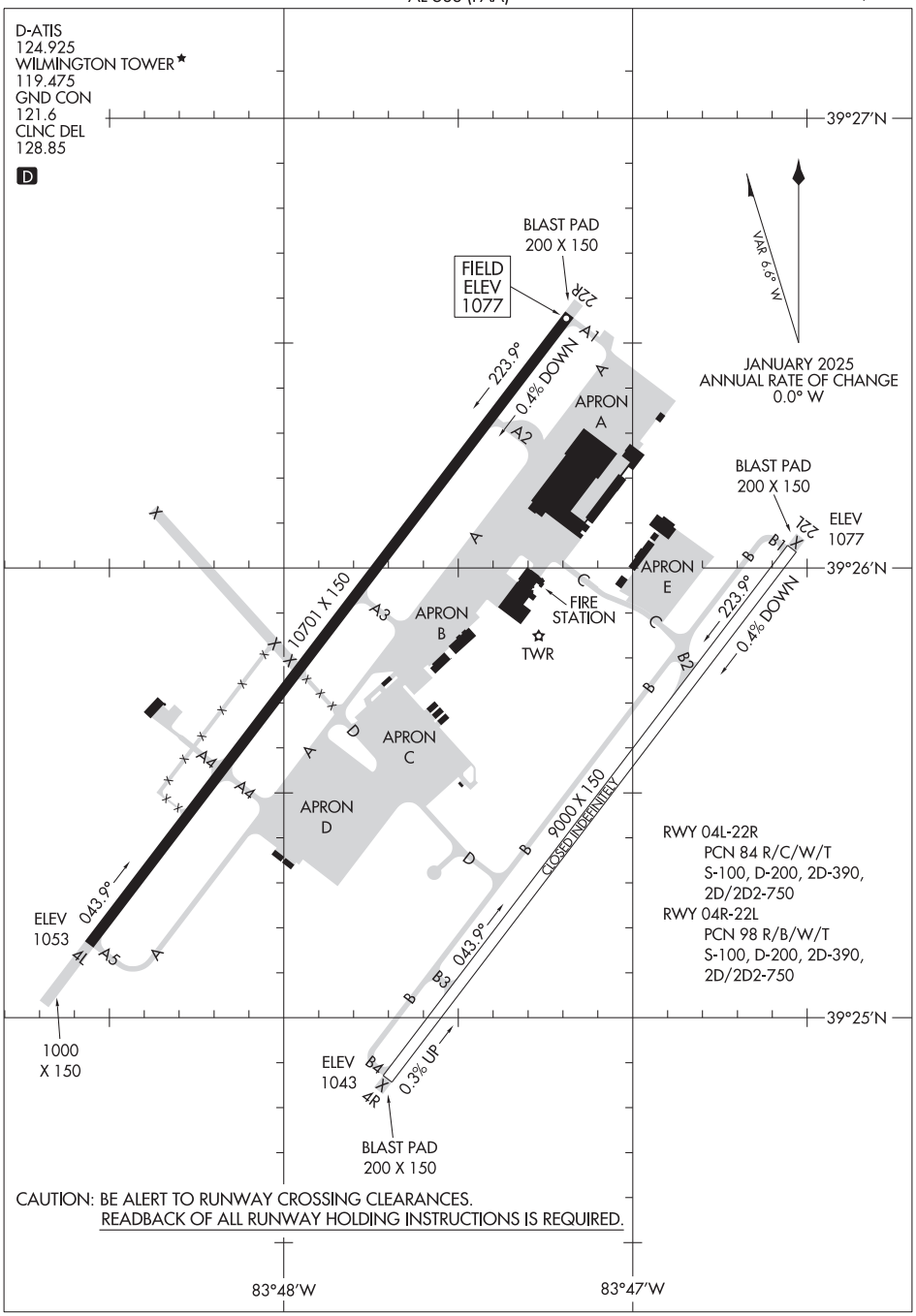
EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

25107

AIRPORT DIAGRAM

AL-583 (FAA)

WILMINGTON AIR PARK (ILN)
WILMINGTON, OHIO



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

AIRPORT DIAGRAM
25107

WILMINGTON, OHIO
WILMINGTON AIR PARK (ILN)

EC-2, 12 JUN 2025 to 07 AUG 2025

EC-2, 12 JUN 2025 to 07 AUG 2025

WAAS	APP CRS	Rwy Idg	4201
CH 42638	093°	TDZE	708
W09A		Apt Elev	708

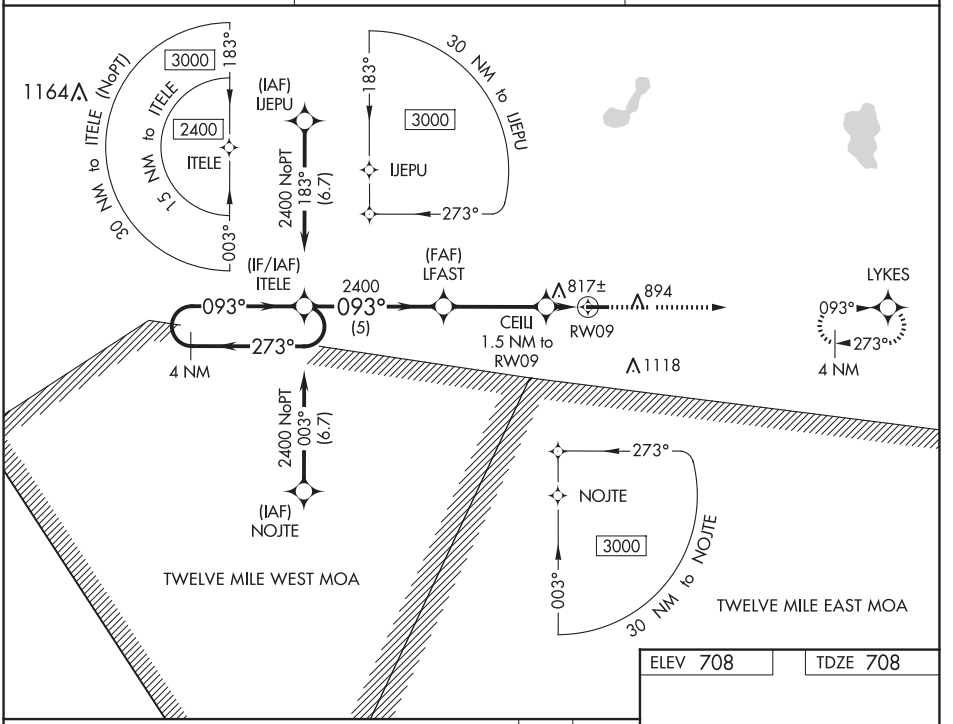
RNAV (GPS) RWY 9

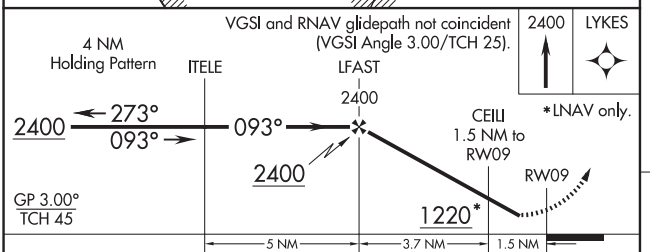
ARENS FLD (RWN)

Baro-VNAV NA. Use Knox altimeter setting; when not received, use Rochester altimeter setting and increase all DA/MDA 20 feet and LNAV Cat C visibility ⅛ mile. NA
DME/DME RNP-0.3 NA. Helicopter visibility reduction below ¾ SM NA.

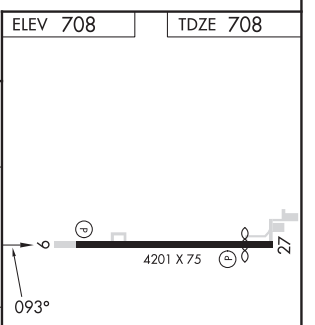
MISSED APPROACH: Climb to 2400 direct LYKES and hold.

OXI AWOS-3	SOUTH BEND APP CON ★	UNICOM
135.775	132.05 257.8	122.8 (CTAF) L





CATEGORY	A	B	C	D
LPV DA	995-1 287 (300-1)			NA
LNAV/VNAV DA	1132-1½ 424 (500-1½)			NA
LNAV MDA	1120-1 412 (500-1)		1120-1⅛ 412 (500-1⅛)	NA
C CIRCLING	1240-1 532 (600-1)		1480-2¼ 772 (800-2¼)	NA



MIRL Rwy 9-27 L
REIL Rwys 9 and 27 L

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

WINAMAC, INDIANA | AL-6241 (FAA) | 23278

RNAV (GPS) RWY 27

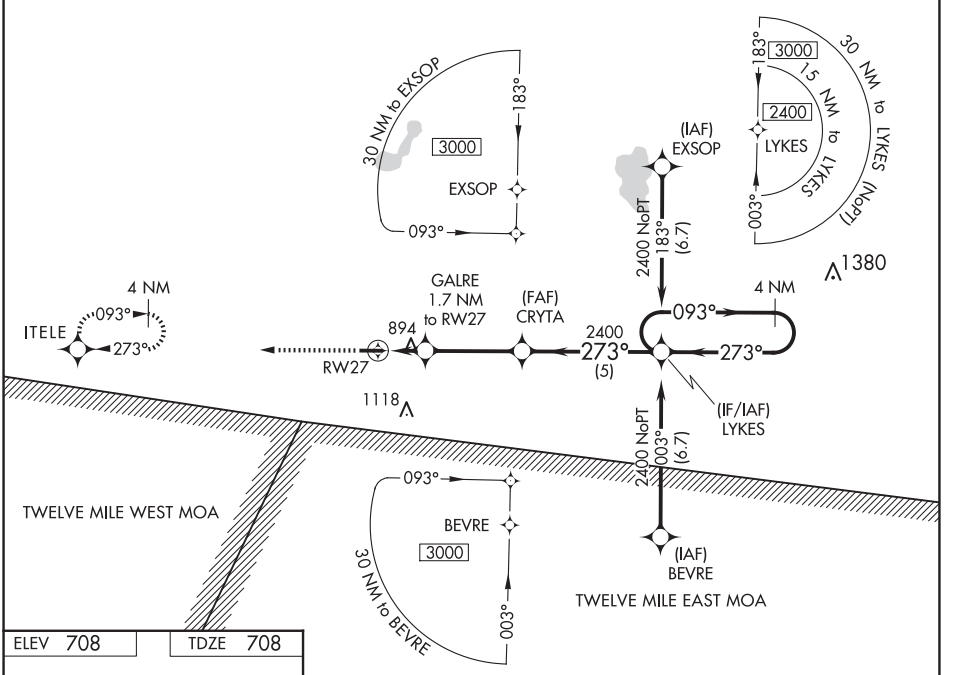
ARENS FLD (RWN)

WAAS	APP CRS	Rwy Idg	3641
CH 40238	273°	TDZE	708
W27A		Apt Elev	708

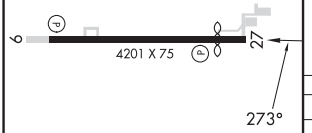
T A NA — Baro-VNAV NA. Use Knox altimeter setting; when not received, use Rochester altimeter setting and increase all DA/MDA 20 feet and LNAV/VNAV all Cats visibility ⅛ mile. DME/DME RNP-0.3 NA. Helicopter visibility reduction below ¾ SM NA.

MISSED APPROACH: Climb to 2400 direct ITELE and hold.

OXI AWOS-3	SOUTH BEND APP CON ★	UNICOM
135.775	132.05 257.8	122.8 (CTAF) L



ELEV 708 | TDZE 708

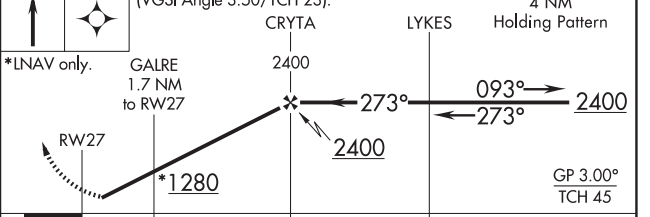


MIRL Rwy 9-27 L
REIL Rwys 9 and 27 L

2400 | ITELE

VGSI and RNAV glidepath not coincident (VGSI Angle 3.50/TCH 23).

*LNAV only.



CATEGORY	A	B	C	D
LPV DA	995-1 287 (300-1)			NA
LNAV/VNAV DA	1224-1¾ 516 (600-1¾)			NA
LNAV MDA	1200-1 492 (500-1)		1200-1⅜ 492 (500-1⅜)	NA
C CIRCLING	1240-1 532 (600-1)		1480-2¼ 772 (800-2¼)	NA

WINAMAC, INDIANA
Amdt 1 31MAR16

41°06′N-86°37′W

ARENS FLD (RWN)

RNAV (GPS) RWY 27

EC-2, 12 JUN 2025 to 07 AUG 2025

EC-2, 12 JUN 2025 to 07 AUG 2025

WAAS	APP CRS	Rwy Idg	4300
CH 90420	082°	TDZE	1121
W08A		Apt Elev	1123

RNAV (GPS) RWY 8

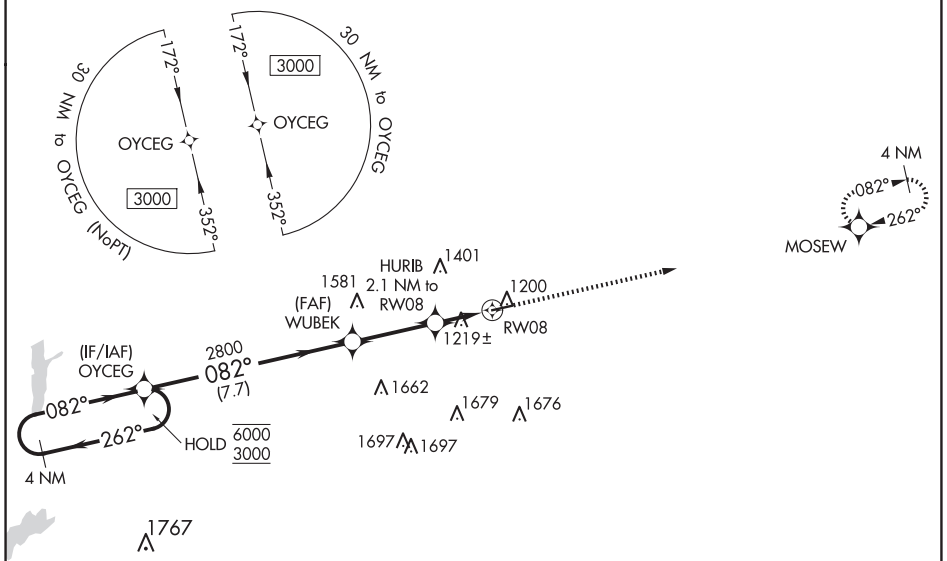
RANDOLPH COUNTY (I22)

RNP APCH.

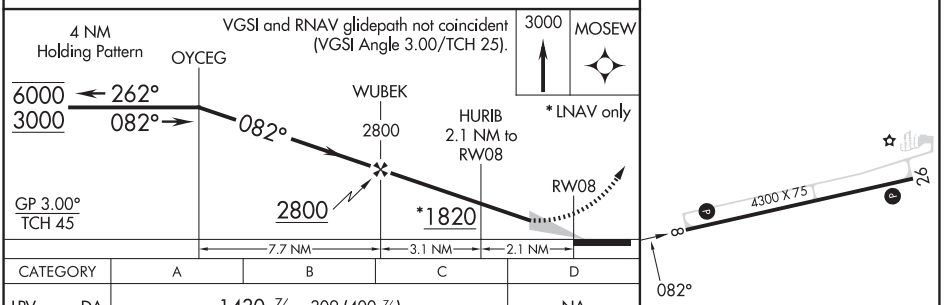
T
A NA Baro-VNAV NA.

MISSED APPROACH: Climb to 3000 direct MOSEW and hold.

VES AWOS-3PT	COLUMBUS APP CON	UNICOM
125.9	134.45 352.05	123.0 (CTAF) L



ELEV 1123	TDZE 1121



CATEGORY	A	B	C	D
LPV DA	1430-⅞ 309 (400-⅞)			NA
LNAV/VNAV DA	1430-⅞ 309 (400-⅞)			NA
LNAV MDA	1560-1 439 (500-1)		1560-1¼ 439 (500-1¼)	NA
C CIRCLING	1620-1 497 (500-1)		1820-2 697 (700-2)	NA

MIRL Rwy 8-26 L
REIL Rwys 8 and 26 L

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

WINCHESTER, INDIANA | AL-6189 (FAA) | 25051

RNAV (GPS) RWY 26

RANDOLPH COUNTY (I22)

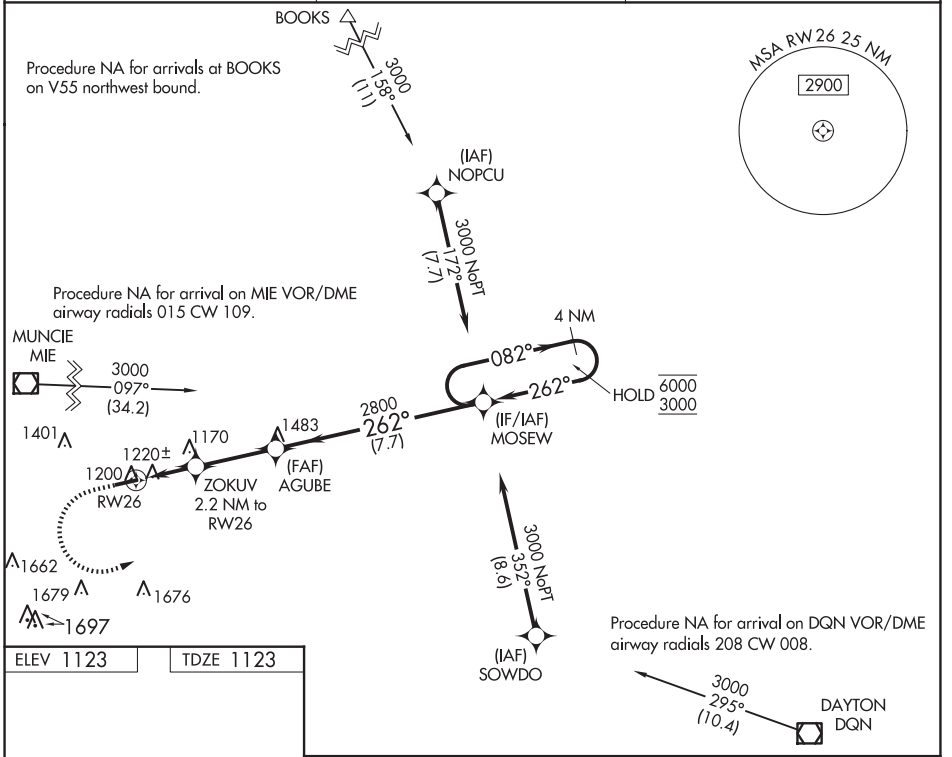
WAAS	APP CRS	Rwy Idg	4300
CH 78120	262°	TDZE	1123
W26A		Apt Elev	1123

RNP APCH - GPS.

Baro-VNAV NA. Use Versailles altimeter setting; when not received, use Muncie altimeter setting: increase all DA/MDA 20 feet and visibility LPV all Cats ⅛ SM.

MISSED APPROACH: Climb to 2500 then climbing left turn to 3000 direct MOSEW and hold.

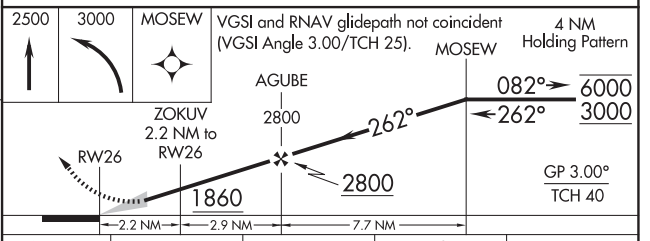
VES AWOS-3PT	COLUMBUS APP CON	UNICOM
125.9	134.45 352.05	123.0 (CTAF) L



EC-2, 12 JUN 2025 to 07 AUG 2025

EC-2, 12 JUN 2025 to 07 AUG 2025

ELEV 1123 | TDZE 1123



CATEGORY	A	B	C	D
LPV DA	1495-1 372 (400-1)			NA
LNAV/VNAV DA	1449-1 326 (400-1)			NA
LNAV MDA	1540-1 417 (500-1)		1540-1⅜ 417 (500-1⅜)	NA
C CIRCLING	1620-1 497 (500-1)		1820-2 697 (700-2)	NA

REIL Rwys 8 and 26 L
MIRL Rwy 8-26 L

WINCHESTER, INDIANA
Amdt 1A 26JAN23

40°10′N-84°56′W

RANDOLPH COUNTY (I22)
RNAV (GPS) RWY 26

VOR/DME DQN	APP CRS	Rwy Idg	N/A
114.5	291°	TDZE	N/A
Chan 92		Apt Elev	1123

VOR-A

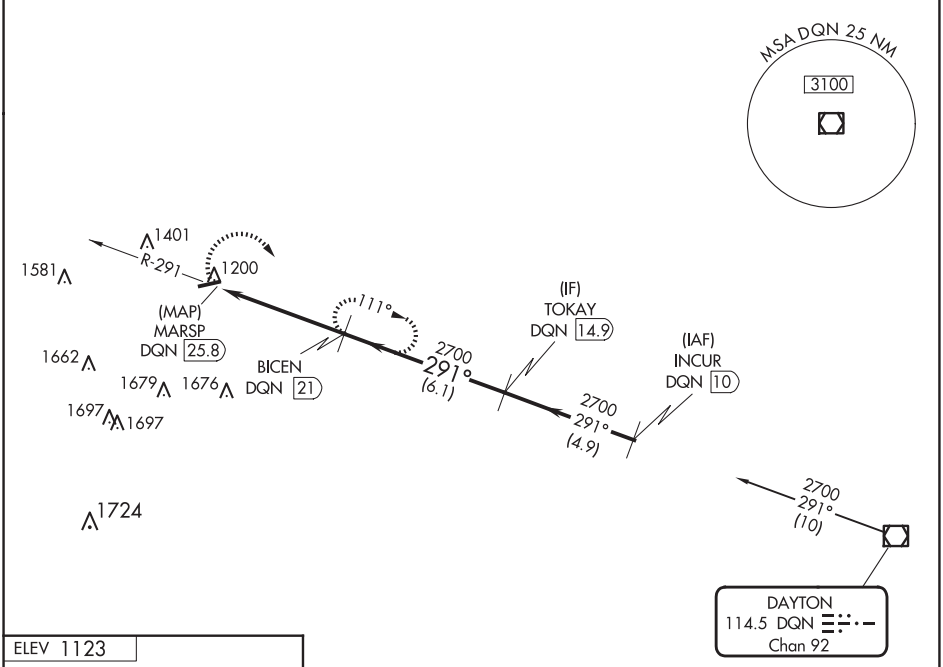
RANDOLPH COUNTY (I22)

DME required.

NA

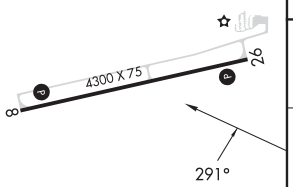
MISSED APPROACH: Climbing right turn to 2700 on DQN VOR/DME R-291 to BICEN/21 DME and hold.

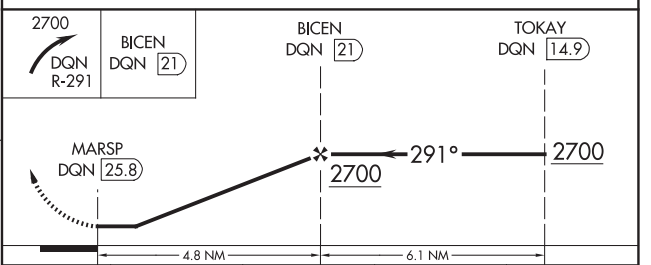
VES AWOS-3PT	COLUMBUS APP CON	UNICOM
125.9	134.45 352.05	123.0 (CTAF) L



Procedure NA for arrival on DQN VOR/DME airway radials 234 CW 329.

ELEV 1123





CATEGORY	A	B	C	D
C CIRCLING	1700-1	577 (600-1)	1820-2 697 (700-2)	NA

REIL Rwys 8 and 26 L
MIRL Rwy 8-26 L

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

WOODSFIELD, OHIO | AL-5746 (FAA) | 23278

RNAV (GPS) RWY 25

MONROE COUNTY (4G5)

WAAS CH 65833 W25A	APP CRS 254°	Rwy Idg 3805	TDZE 1197	Apt Elev 1197

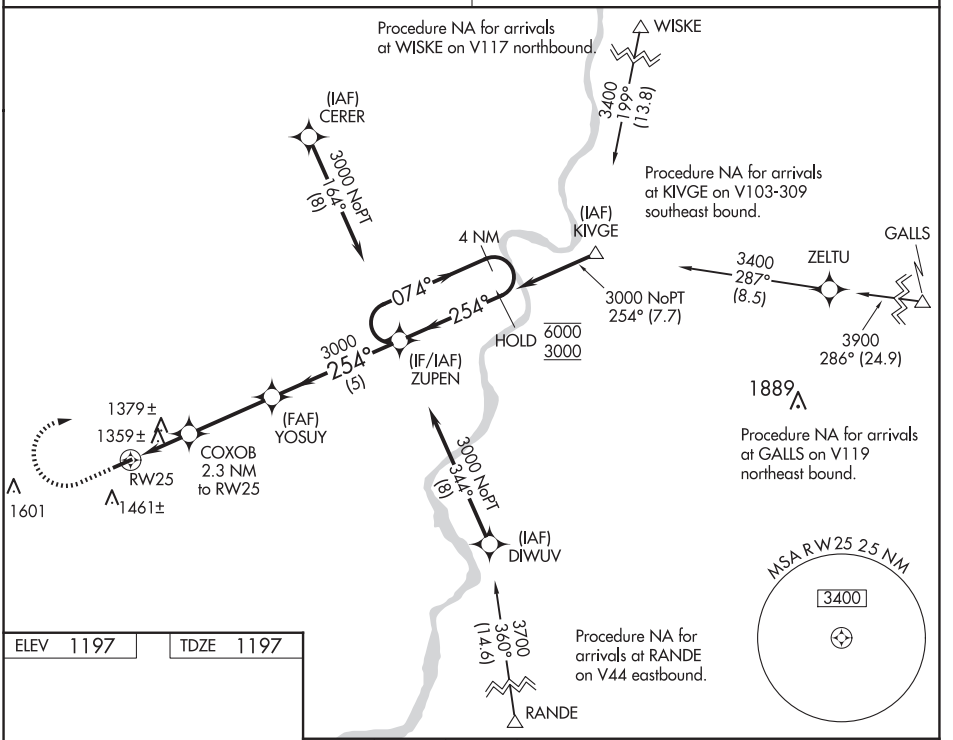
RNP APCH.

NA Rwy 25 helicopter visibility reduction below 1 SM NA. Use Wheeling Ohio Co, WV altimeter setting; when not received use Parkersburg, WV altimeter setting and increase all MDA 60 feet; increase LP Cat C, LNAV Cat C and Circling Cat C visibility ¼ SM. Procedure NA at night.

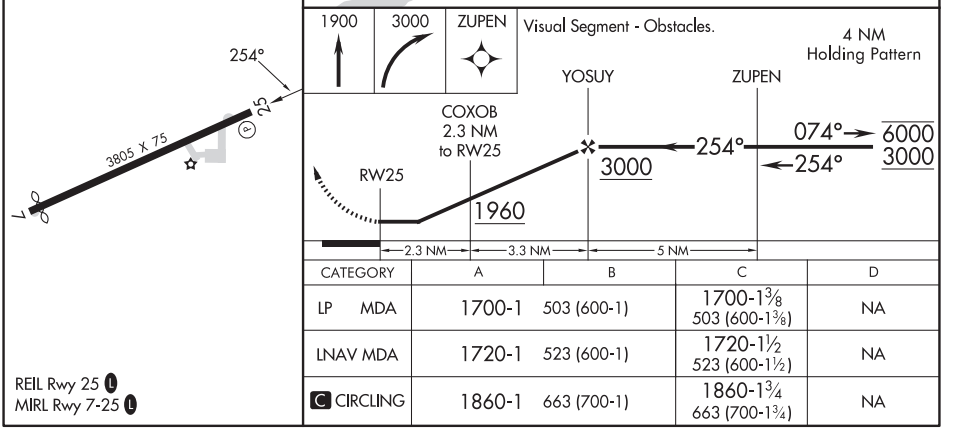
MISSED APPROACH: Climb to 1900 then climbing right turn to 3000 direct ZUPEN and hold.

CLEVELAND CENTER 126.95 239.3

UNICOM 122.8 (CTAF) L



ELEV 1197 | TDZE 1197



CATEGORY	A	B	C	D
LP MDA	1700-1	503 (600-1)	1700-1⅜ 503 (600-1⅜)	NA
LNAV MDA	1720-1	523 (600-1)	1720-1½ 523 (600-1½)	NA
C CIRCLING	1860-1	663 (700-1)	1860-1¾ 663 (700-1¾)	NA

REIL Rwy 25 L
MIRL Rwy 7-25 L

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

VOR/DME AIR	APP CRS	Rwy Idg	3805
117.1	229°	TDZE	1197
Chan 118		Apt Elev	1197

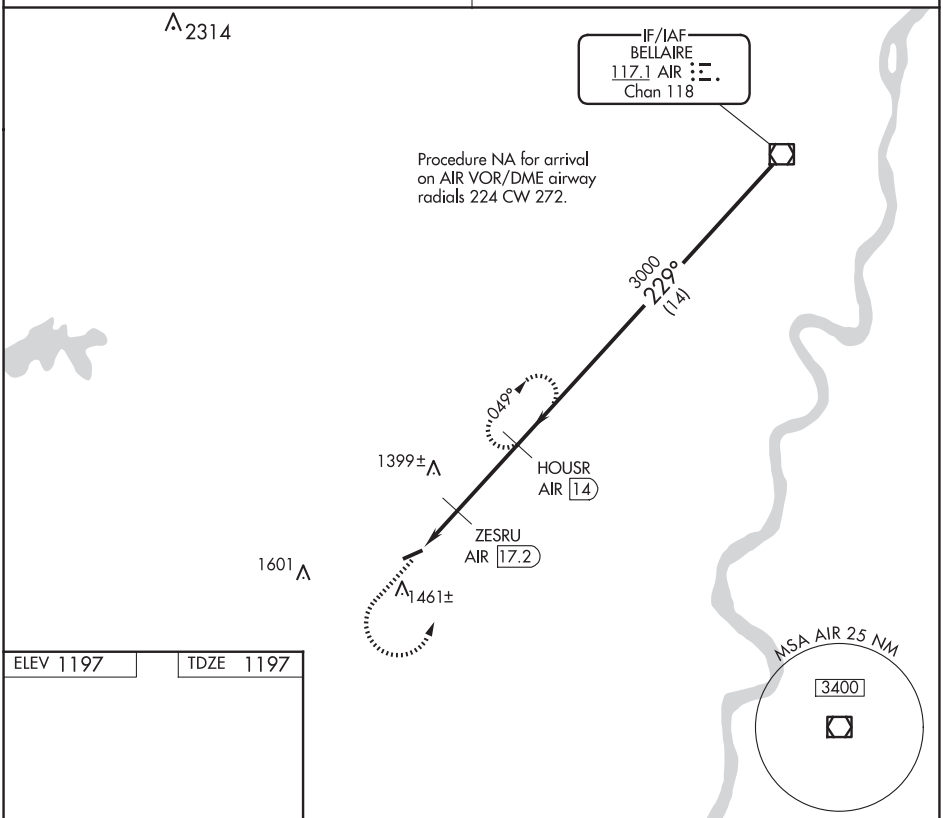
VOR/DME RWY 25

MONROE COUNTY (4G5)

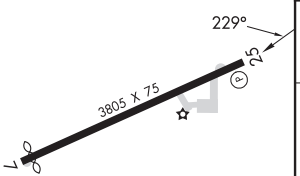
Use Wheeling Ohio Co, WV altimeter setting; when not received use Parkersburg, WV altimeter setting and increase all MDA 60 feet; increase S-25 Cat C visibility NA ⅛ mile and Circling Cat C visibility ¼ mile. Procedure NA at night. Rwy 25 helicopter visibility reduction below 1 SM NA.

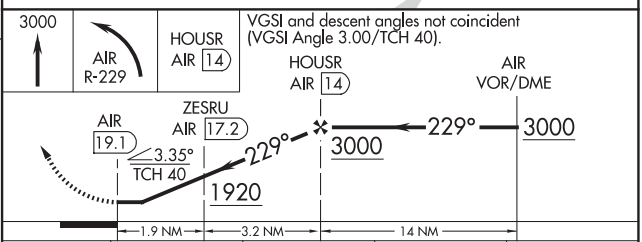
MISSED APPROACH: Climb to 3000 then left turn on AIR VOR/DME R-229 to HOUSR/AIR 14 DME and hold.

CLEVELAND CENTER	UNICOM
126.95 239.3	122.8 (CTAF) L



ELEV 1197 TDZE 1197





CATEGORY	A	B	C	D
S-25	1740-1	543 (600-1)	1740-1⅝ 543 (600-1⅝)	NA
C CIRCLING	1860-1	663 (700-1)	1860-1¾ 663 (700-1¾)	NA

REIL Rwy 25 L
MIRL Rwy 7-25 L

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

WOOSTER, OHIO | AL-5663 (FAA) | 24361

RNAV (GPS) RWY 10

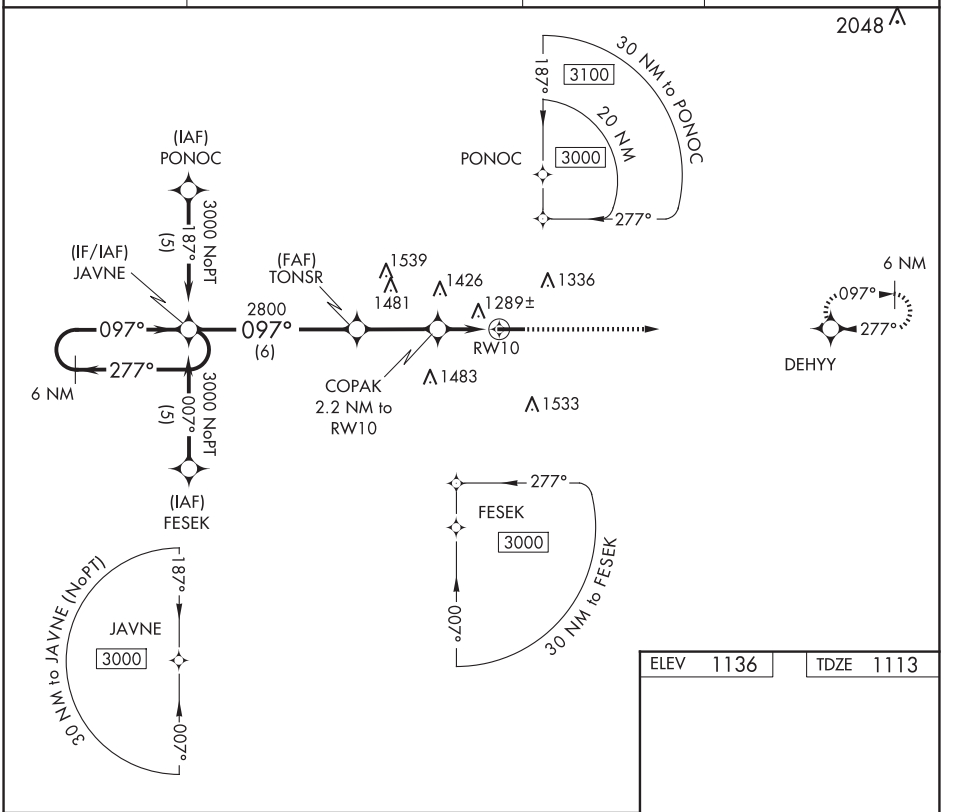
WAYNE COUNTY (BJJ)

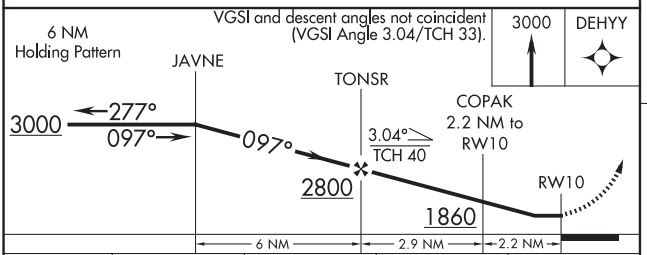
APP CRS	Rwy Idg	5190
097°	TDZE	1113
	Apt Elev	1136

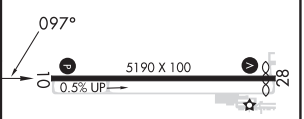
DME/DME RNP-0.3 NA. Visibility reduction by helicopters NA. When local altimeter setting not received, use Akron-Canton Rgnl altimeter setting and increase all MDA 60 feet and visibility Circling Cat C/D ¼ SM.

MISSED APPROACH: Climb to 3000 direct DEHYY and hold.

ASOS	CLEVELAND APP CON ★	CLNC DEL	UNICOM
118.075	125.5 371.875	121.75	122.975 (CTAF) L







ELEV 1136 | TDZE 1113

CATEGORY	A	B	C	D
LNAV MDA	1540-1	427 (500-1)	1540-1¼ 427 (500-1¼)	1540-1½ 427 (500-1½)
CIRCLING	1600-1 464 (500-1)	1700-1 564 (600-1)	1800-1¾ 664 (700-1¾)	1840-2¼ 704 (800-2¼)

REIL Rwys 10 and 28 L
HIRL Rwy 10-28 L

WOOSTER, OHIO
Orig-A 12AUG21

40°52'N-81°53'W

WAYNE COUNTY (BJJ)

RNAV (GPS) RWY 10

EC-2, 12 JUN 2025 to 07 AUG 2025

EC-2, 12 JUN 2025 to 07 AUG 2025

RNAV (GPS) RWY 28

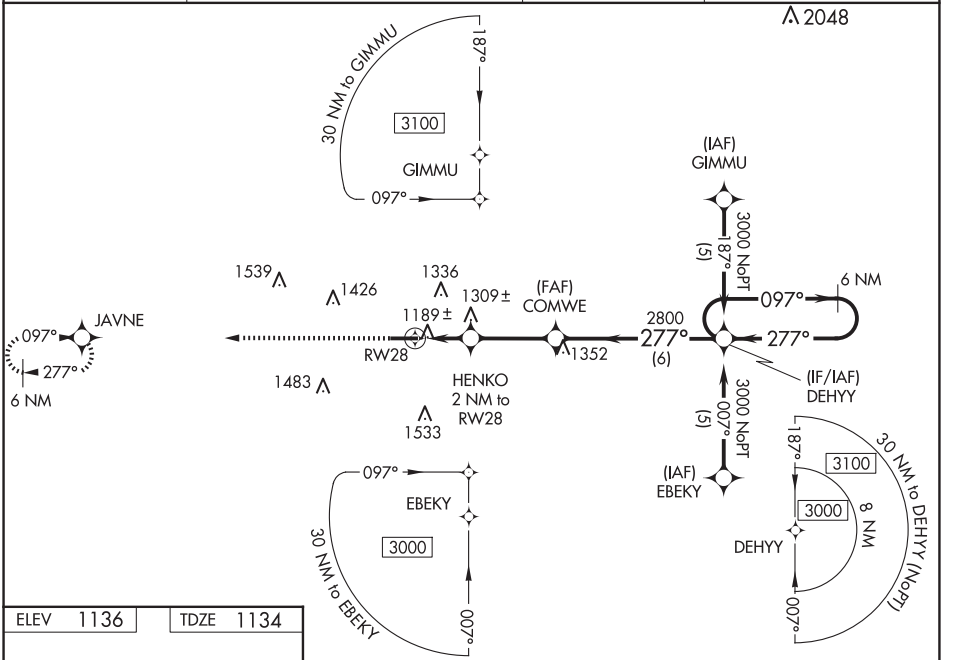
WAYNE COUNTY (BJJ)

WAAS	APP CRS		
CH **82215**	**277°**	Rwy Idg	**4972**
W28A		TDZE	**1134**
		Apt Elev	**1136**

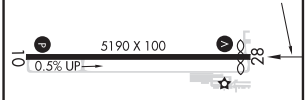
T A Baro-VNAV NA when using Akron-Canton Rgnl altimeter setting. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -17°C (2°F) or above 54°C (130°F). Helicopter visibility reduction below ¾ SM NA. When local altimeter setting not received, use Akron-Canton Rgnl altimeter setting: increase LPV DA to 1458 feet, LNAV/VNAV DA to 1649 feet, and visibility LPV all Cats ¼ SM and LNAV/VNAV all Cats ⅜ SM; increase all MDA 60 feet and visibility LNAV Cat C/D ⅛ SM and Circling Cat C/D ¼ SM.

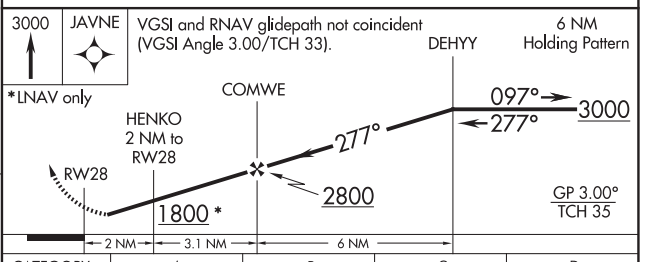
MISSED APPROACH: Climb to 3000 direct JAVNE and hold.

ASOS	CLEVELAND APP CON ★	CLNC DEL	UNICOM
118.075	**125.5 371.875**	**121.75**	**122.975** (CTAF) L



ELEV 1136	TDZE 1134





CATEGORY	A	B	C	D
LPV DA	1398-1 264 (300-1)			
LNAV/ VNAV DA	1589-1⅝ 455 (500-1⅝)			
LNAV MDA	1560-1 426 (500-1)		1560-1¼ 426 (500-1¼)	
CIRCLING	1600-1 464 (500-1)	1700-1 564 (600-1)	1800-1¾ 664 (700-1¾)	1840-2¼ 704 (800-2¼)

REIL Rwys 10 and 28 L
HIRL Rwy 10-28 L

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

WOOSTER, OHIO | AL-5663 (FAA) | 24361

VOR RWY 10

WAYNE COUNTY (BJJ)

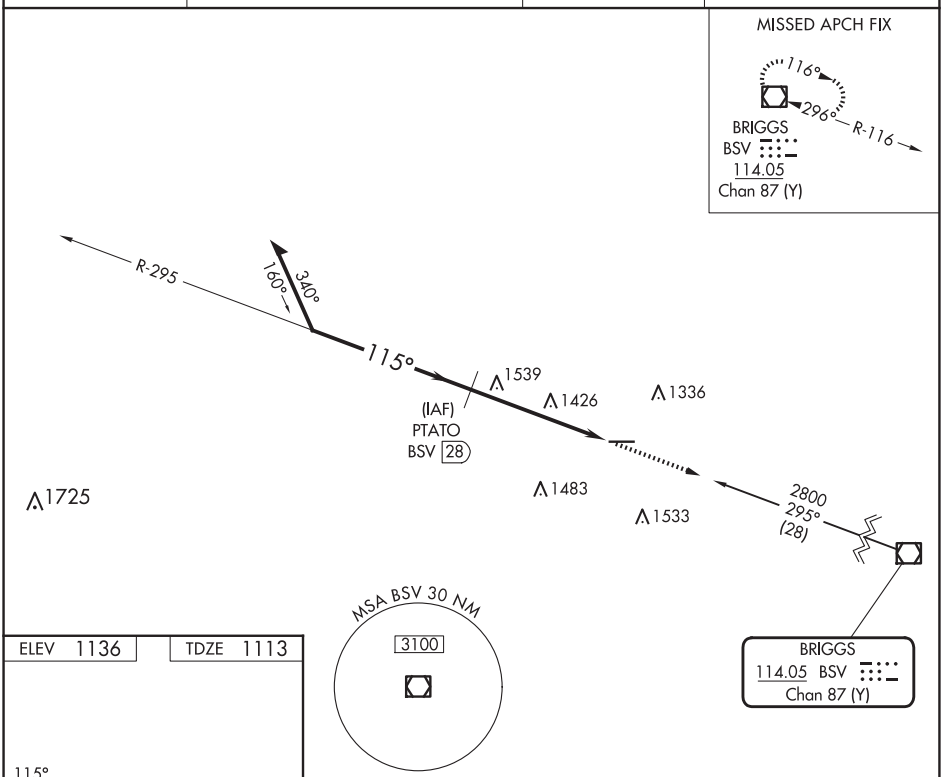
VOR/DME BSV	APP CRS	Rwy Idg	5190
114.05	115°	TDZE	1113
Chan 87 (Y)		Apt Elev	1136

DME required.

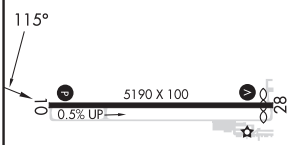
When local altimeter setting not received, use Akron-Canton Rgnl altimeter setting and increase all MDA 60 feet; increase S-10 Cat C/D and Circling Cat C/D visibility ¼ SM. Rwy 10 helicopter visibility reduction below ¾ SM NA.

MISSED APPROACH: Climb to 2800 direct BSV VOR/DME and hold.

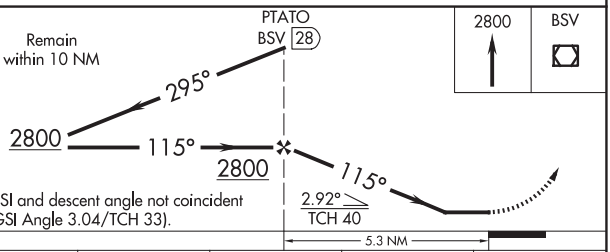
ASOS	CLEVELAND APP CON ★	CLNC DEL	UNICOM
118.075	125.5 371.875	121.75	122.975 (CTAF) L



ELEV 1136 | TDZE 1113



REIL Rwys 10 and 28 L
HIRL Rwy 10-28 L



FAF to MAP 5.3 NM					
Knots	60	90	120	150	180
Min:Sec	5:18	3:32	2:39	2:07	1:46

CATEGORY	A	B	C	D
S-10	1840-1 727 (800-1)	1840-1¼ 727 (800-1¼)	1840-2 727 (800-2)	1840-2¼ 727 (800-2¼)
C CIRCLING	1840-1 704 (800-1)	1840-1¼ 704 (800-1¼)	1840-2 704 (800-2)	1840-2¼ 704 (800-2¼)

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

VOR RWY 28

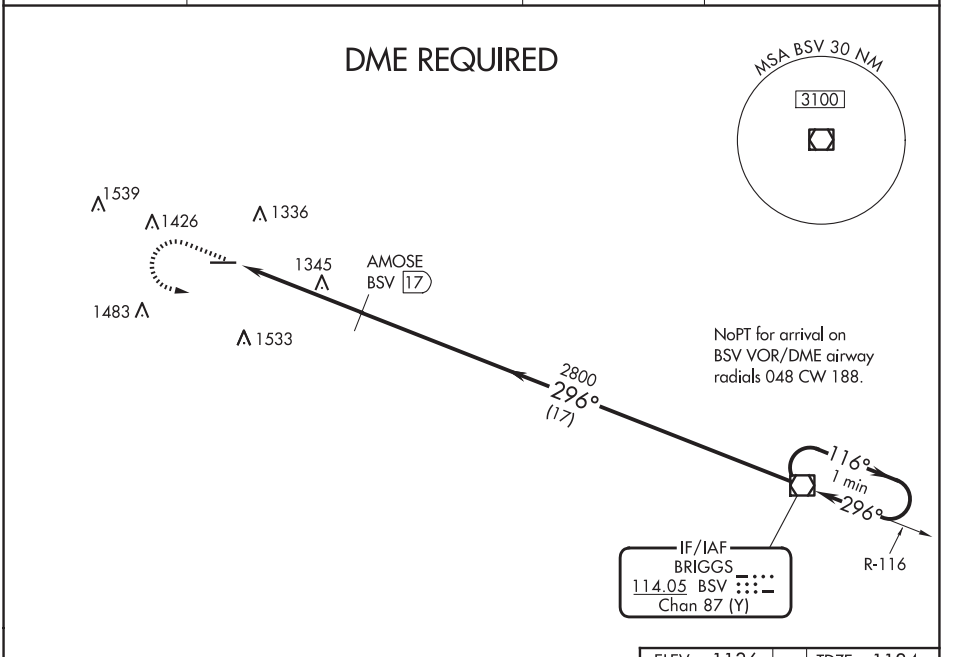
WAYNE COUNTY (BJJ)

VOR/DME BSV	APP CRS	Rwy Idg	4972
114.05	296°	TDZE	1134
Chan 87(Y)		Apt Elev	1136

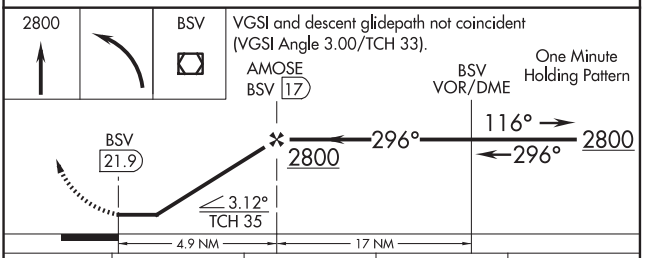
DME required. Helicopter visibility reduction below ¾ SM NA.
When local altimeter setting not received, use Akron-Canton Rgnl altimeter setting and increase all MDA 60 feet and visibility Circling Cat C/D ¼ SM.

MISSED APPROACH: Climb to 2800 then left turn direct BSV VOR/DME and hold.

ASOS	CLEVELAND APP CON ★	CLNC DEL	UNICOM
118.075	125.5 371.875	121.75	122.975 (CTAF) L



ELEV 1136 TDZE 1134



CATEGORY	A	B	C	D
S-28	1660-1 526 (600-1)	1660-1¼ 526 (600-1¼)	1660-1½ 526 (600-1½)	1660-1¾ 526 (600-1¾)
CIRCLING	1660-1 524 (600-1)	1700-1¼ 564 (600-1¼)	1800-1¾ 664 (700-1¾)	1840-2¼ 704 (800-2¼)

REIL Rwys 10 and 28 L
HIRL Rwy 10-28 L

FAF to MAP 4.9 NM

Knots	60	90	120	150	180
Min:Sec	4:54	3:16	2:27	1:58	1:38

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

DAYTON, OHIO

ILS or LOC RWY 5L

LOC I-FAE	APCH CRS	Rwy ldg 12,600 TDZE 803 Arpt Elev 823
109.7	053°	

[USAF] WRIGHT-PATTERSON AFB (KFFO)

DME or RADAR required for Localizer.

▼ * When ALS inop, increase RVR to 40 and vis to ¾ mile.

ALSF-1

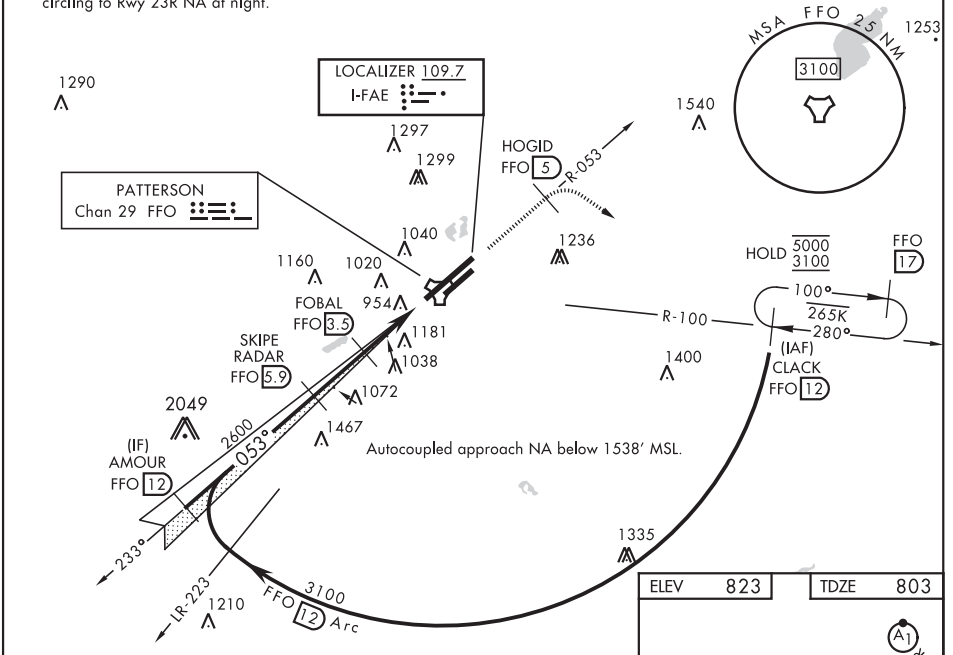
†MISSED APPROACH: Climb to 2000 via FFO R-053 at 5 DME, turn right direct CLACK climbing to 3100 and hold.

ATIS	COLUMBUS APP CON	PATTERSON TOWER	GND CON
124.475 269.9	118.85 269.275	127.8 281.45	121.8 335.8

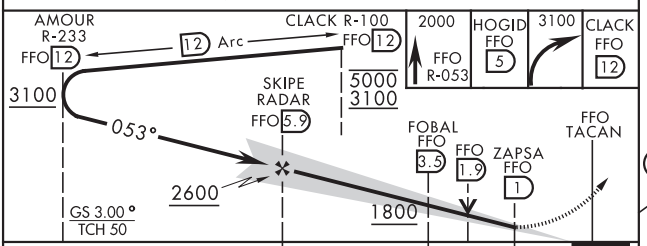
** When ALS inop, increase CAT AB RVR to 55 and vis to 1 mile, CAT CDE vis to 1⅜ miles.

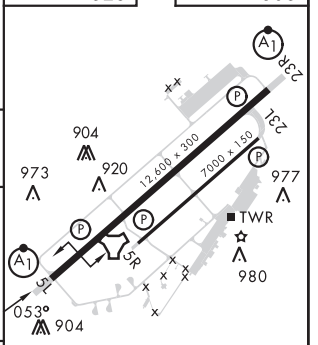
*** When Rwy 23R VGSI inop, circling to Rwy 23R NA at night.

†Missed approach requires use of RNAV or ATC RADAR monitoring.



EMERG SAFE ALT 100 NM 3700





CATEGORY	A	B	C	D	E
S-ILS 5L *	1003/24 200 (200-½)				
S-LOC 5L **	1280/24 476 (500-½)		1280/50 476 (500-1)		
CIRCLING ***	1380-1 557 (600-1)	1440-1 617 (700-1)	1560-2 737 (800-2)	1620-2½ 797 (800-2½)	1620-2¾ 797 (800-2¾)

HIRL Rwy 5L-23R
MIRL Rwy 5R-23L
1038

FAF to MAP 4.9 NM

Knots	60	90	120	150	180
Min:Sec	4:54	3:16	2:27	1:58	1:38

DAYTON, OHIO
Amdt 4 28DEC23

39° 50'N-84° 03'W

WRIGHT-PATTERSON AFB (KFFO)

ILS or LOC RWY 5L

EC-2, 12 JUN 2025 to 07 AUG 2025

EC-2, 12 JUN 2025 to 07 AUG 2025

DAYTON, OHIO

ILS or LOC RWY 23R

WRIGHT-PATTERSON AFB (KFFO)

LOC I-FFO	APCH CRS	Rwy ldg 12,600 / THRE 823 / Arpt Elev 823
109.7	233°	[USAF]

DME or RADAR required for Localizer.

*When ALS inop, increase RVR to 40 and vis to ¾ mile.
**When ALS inop, increase CAT AB RVR to 55 and vis to 1 mile, CAT CDE vis to 1⅜ miles.

ALSF-1

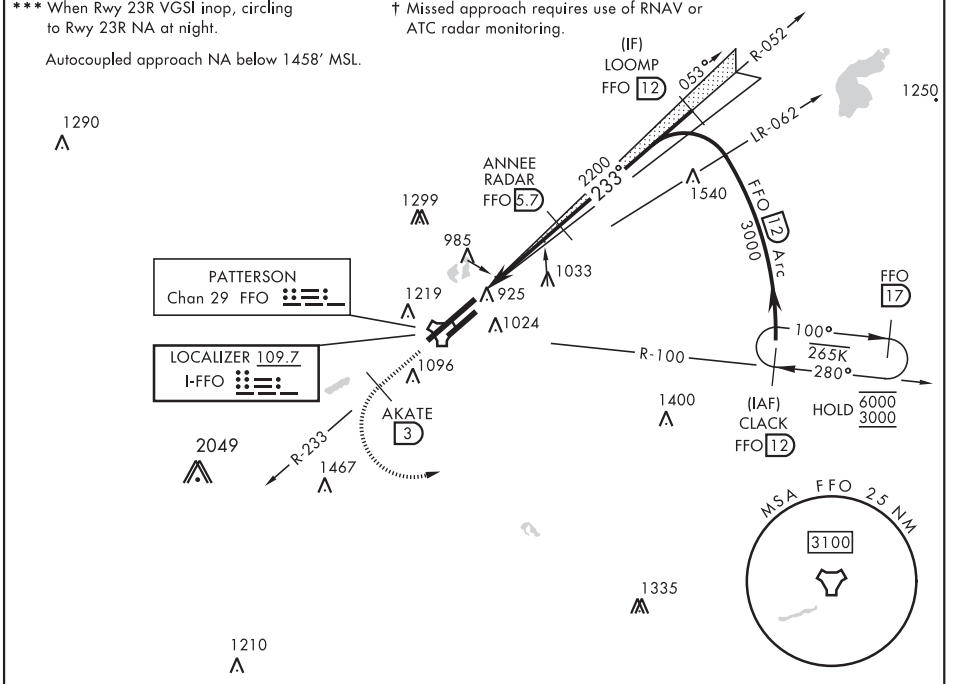
† MISSED APPROACH: Climb via FFO R-233 to 2000, at 3 DME turn left direct CLACK to 3000 and hold.

ATIS	COLUMBUS APP CON	PATTERSON TOWER	GND CON
124.475 269.9	118.85 269.275	127.8 281.45	121.8 335.8

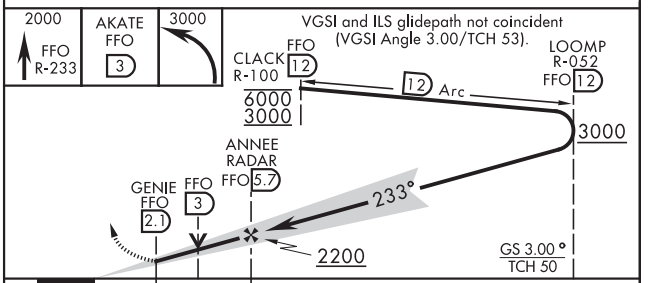
*** When Rwy 23R VGSI inop, circling to Rwy 23R NA at night.

† Missed approach requires use of RNAV or ATC radar monitoring.

Autocoupled approach NA below 1458′ MSL.

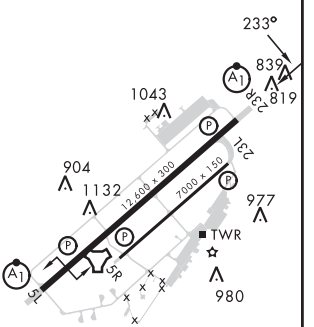


EMERG SAFE ALT 100 NM 3700



CATEGORY	A	B	C	D	E
S-ILS 23R *	1023/24 200 (200-½)				
S-LOC 23R**	1320/24 497 (500-½)		1320/50 497 (500-1)		
CIRCLING ***	1380-1 557 (600-1)	1440-1 617 (600-1)	1560-2 737 (800-2)	1620-2½ 797 (800-2½)	1620-2¾ 797 (800-2¾)

ELEV 823 | THRE 823



HIRL Rwy 5L-23R
MIRL Rwy 5R-23L

DAYTON, OHIO
Amdt 7 10AUG23

39° 50′N-84° 03′W

WRIGHT-PATTERSON AFB (KFFO)

ILS or LOC RWY 23R

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

24305

DAYTON, OHIO

RNAV (GPS) RWY 5L

APCH CRS	Rwy ldg	12,600
053°	TDZE	803
	Arpt Elev	823

- (USAF)

WRIGHT PATTERSON AFB (KFFO)

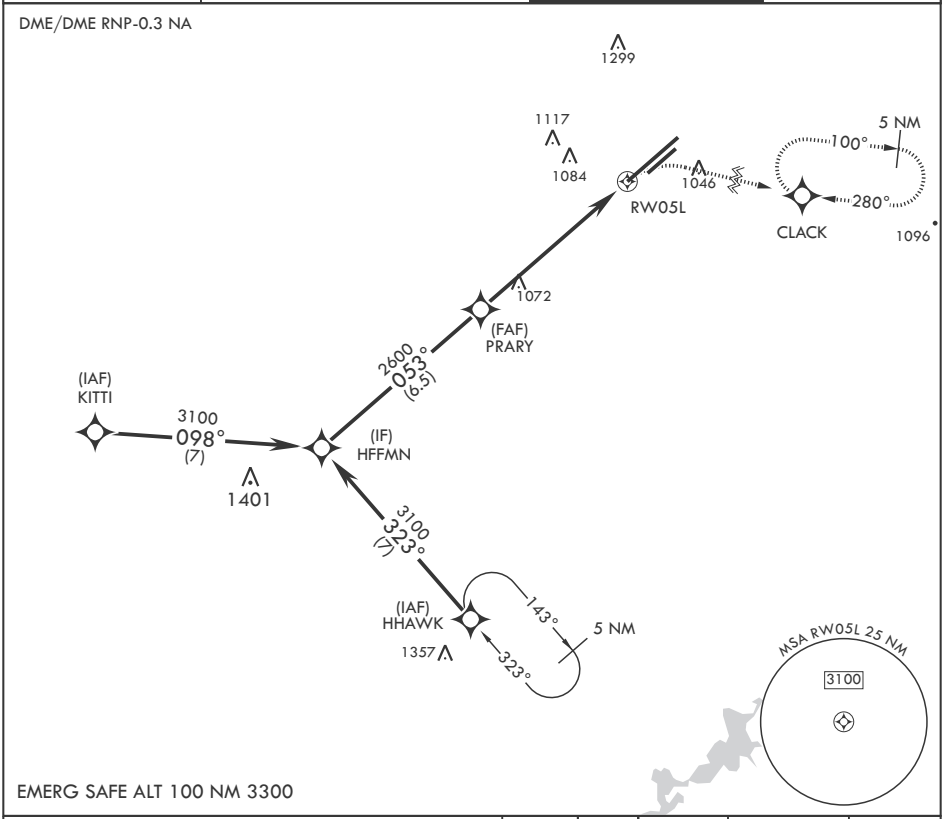
* When ALS inop increase CAT AB RVR to 55, vis to 1 mile; CAT CD vis to 1 5/8 miles.
** When Rwy 23R VGSI inop, circling to Rwy 23R NA at night.

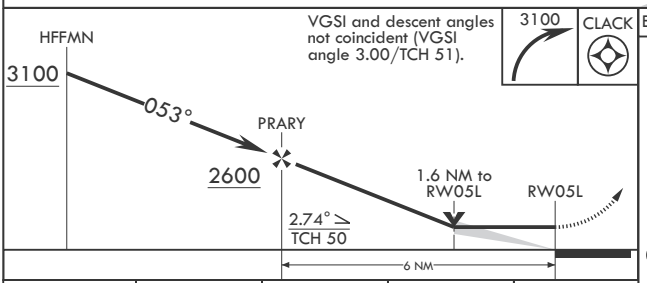
ALSF-1

MISSED APPROACH: Turn right climb to 3100 direct CLACK WPT and hold.

ATIS	COLUMBUS APP CON/DEP CON	PATTERSON TOWER	GND CON
124.475 269.9	118.85 269.275	127.8 281.45	121.8 335.8

DME/DME RNP-0.3 NA

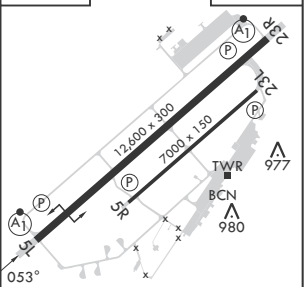




VGSI and descent angles not coincident (VGSI angle 3.00/TCH 51).

3100 CLACK

ELEV 823 TDZE 803



HIRL Rwy 5L-23R
MIRL Rwy 5R-23L

CATEGORY	A	B	C	D
LNAV MDA*	1380/24 577 (600-½)		1380-1¼ 577 (600-1¼)	
C CIRCLING**	1380-1 557 (600-1)	1440-1 617 (700-1)	1560-2 737 (800-2)	1620-2½ 797 (800-2½)

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

DAYTON, OHIO

RNAV (GPS) RWY 5R

APCH CRS	Rwy ldg	7000
053°	TDZE	813
	Arpt Elev	823

- (USAF)

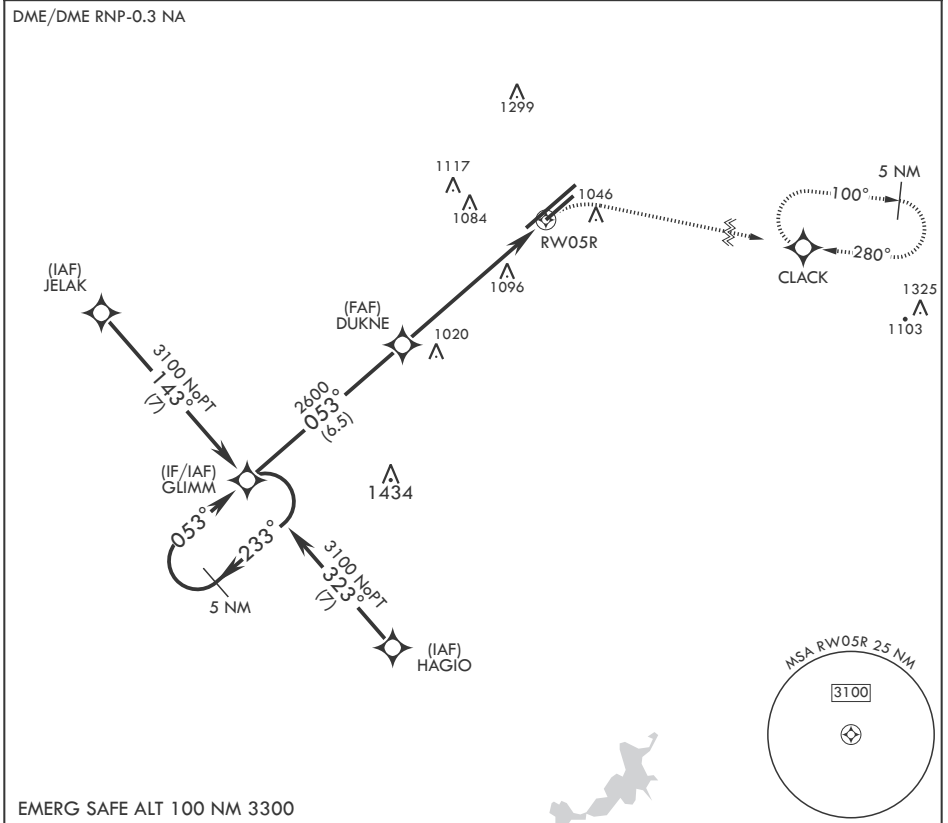
WRIGHT PATTERSON AFB (KFFO)

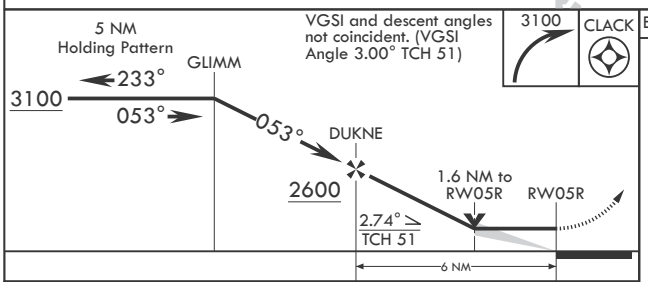
* When Rwy 23R VGSI inop, circling to Rwy 23R NA at night.

MISSED APPROACH: Turn right climb to 3100 direct CLACK WPT and hold.

ATIS	COLUMBUS APP CON/DEP CON	PATTERSON TOWER	GND CON
124.475 269.9	118.85 269.275	127.8 281.45	121.8 335.8

DME/DME RNP-0.3 NA

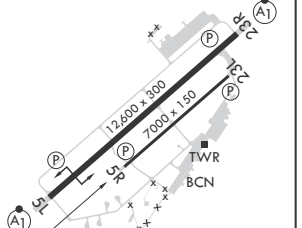




VGSI and descent angles not coincident. (VGSI Angle 3.00° TCH 51)

ELEV 823

TDZE 813



CATEGORY	A	B	C	D
LNAV MDA	1380-1 567 (600-1)		1380-1⅝ 567 (600-1⅝)	
C CIRCLING*	1380-1 557 (600-1)	1440-1 617 (700-1)	1560-2 737 (800-2)	1620-2½ 797 (800-2½)

HIRL Rwy 5L-23R
MIRL Rwy 5R-23L

DAYTON, OHIO

39°50'N - 84°03'W

WRIGHT PATTERSON AFB (KFFO)

Amdt 4 13OCT16

RNAV (GPS) RWY 5R

EC-2, 12 JUN 2025 to 07 AUG 2025

EC-2, 12 JUN 2025 to 07 AUG 2025

24305

DAYTON, OHIO

RNAV (GPS) RWY 23L

WRIGHT PATTERSON AFB (KFFO)

APCH CRS	Rwy ldg	7000
233°	TDZE	818
	Arpt Elev	823

- (USAF)

* When Rwy 23R VGSI inop, circling to Rwy 23R NA at night.

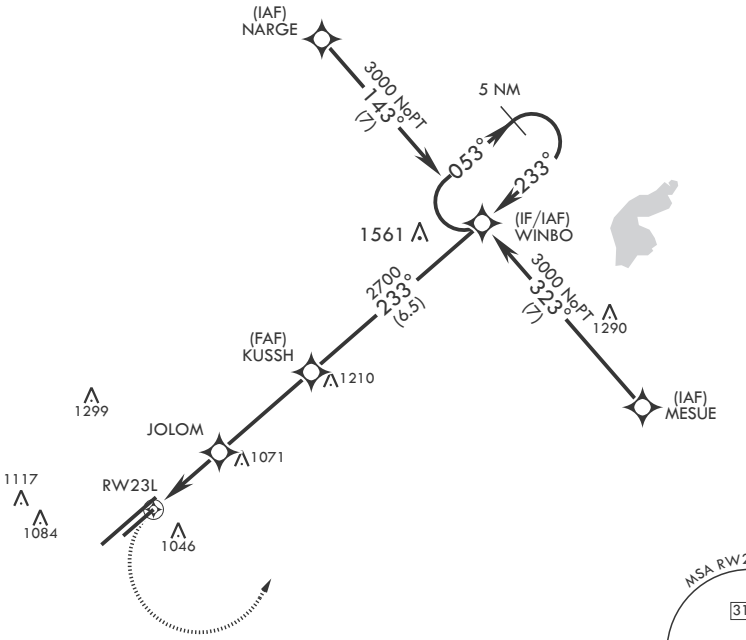
MISSED APPROACH: Turn left climb to 3000 direct WINBO WPT and hold.

ATIS	COLUMBUS APP CON/DEP CON	PATTERSON TOWER	GND CON
124.475 269.9	118.85 269.275	127.8 281.45	121.8 335.8

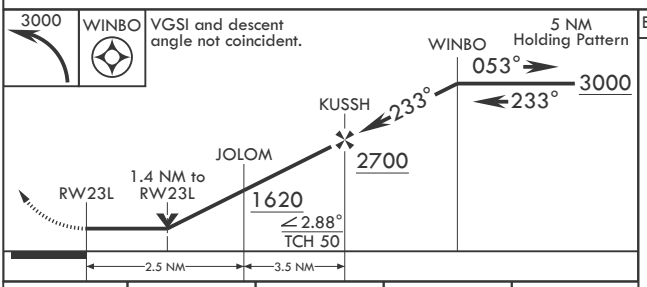
DME/DME RNP -0.3 NA

LNAV Visibility Reduction by Helicopters NA.

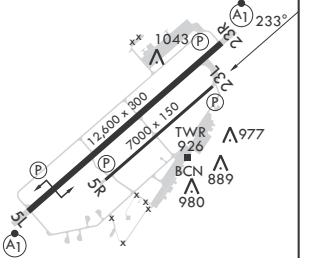
1323



EMERG SAFE ALT 100 NM 3300



ELEV 823 TDZE 818



CATEGORY	A	B	C	D
LNAV MDA	1320-1 502 (500-1)		1320-1⅜ 502 (500-1⅜)	
C CIRCLING*	1380-1 557 (600-1)	1440-1 617 (700-1)	1560-2 737 (800-2)	1620-2½ 797 (800-2½)

DAYTON, OHIO

39°50'N - 84°03'W

WRIGHT PATTERSON AFB (KFFO)

Amdt 6 29MAR18

RNAV (GPS) RWY 23L

EC-2, 12 JUN 2025 to 07 AUG 2025

EC-2, 12 JUN 2025 to 07 AUG 2025

DAYTON, OHIO

RNAV (GPS) RWY 23R

APCH CRS	Rwy ldg	12,600
233°	TDZE	823
	Arpt Elev	823

- (USAF)

WRIGHT PATTERSON AFB (KFFO)

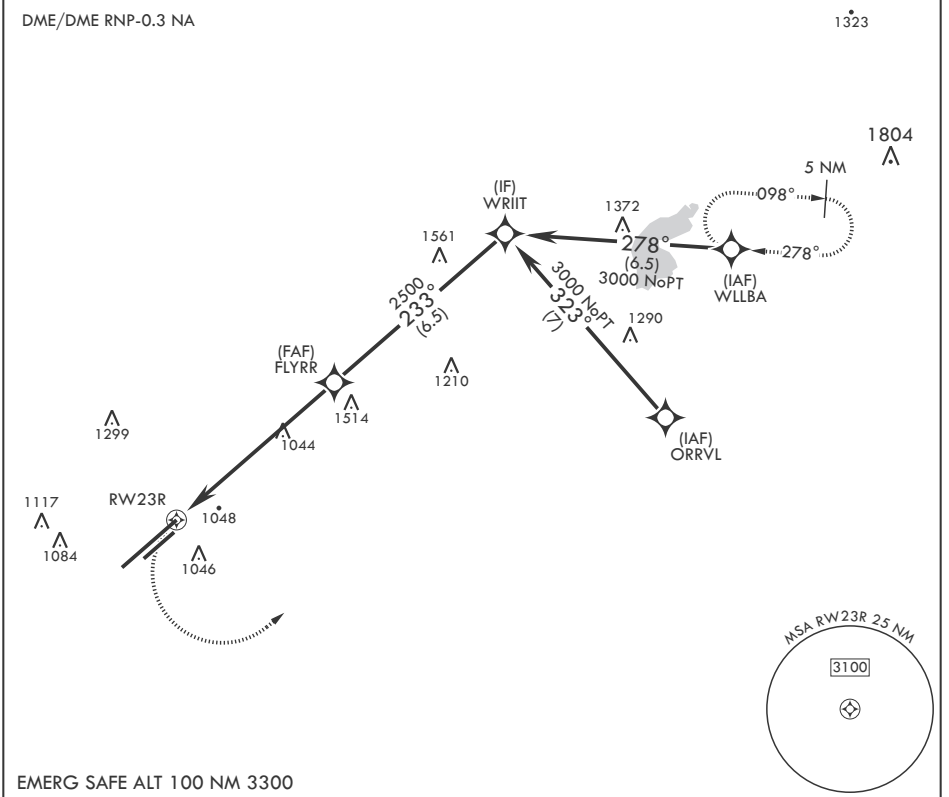
* When ALS inop, increase CAT AB RVR to 55, vis to 1 mile; CAT CD vis to 1 3/8 miles.
** When Rwy 23R VGSI inop, circling to Rwy 23R NA at night.

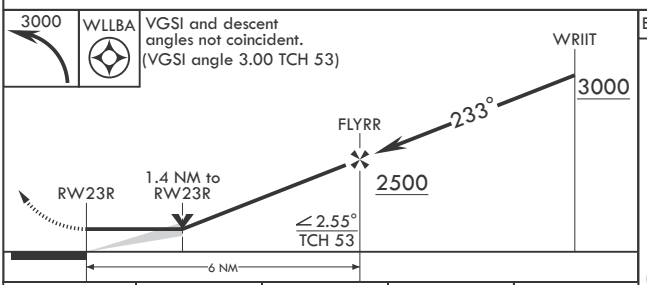
ALSF-1

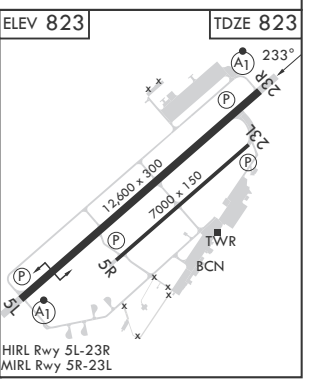
MISSED APPROACH: Turn left climb to 3000 direct WLLBA waypoint and hold.

ATIS	COLUMBUS APP CON/DEP CON	PATTERSON TOWER	GND CON
124.475 269.9	118.85 269.275	127.8 281.45	121.8 335.8

DME/DME RNP-0.3 NA







CATEGORY	A	B	C	D
LNAV MDA*	1320/24 497 (500-½)		1320/50 497 (500-1)	
C CIRCLING**	1380-1 557 (600-1)	1440-1 617 (700-1)	1560-2 737 (800-2)	1620-2½ 797 (800-2½)

DAYTON, OHIO

Amdt 5 13OCT16

39°50'N - 84°03'W

WRIGHT PATTERSON AFB (KFFO)

RNAV (GPS) RWY 23R

EC-2, 12 JUN 2025 to 07 AUG 2025

EC-2, 12 JUN 2025 to 07 AUG 2025

DAYTON, OHIO

TACAN RWY 5L

TACAN	APCH CRS	Rwy ldg	12,600
FFO Chan 29	059°	TDZE	803
		Arpt Elev	823

[USAF]

WRIGHT-PATTERSON AFB (KFFO)

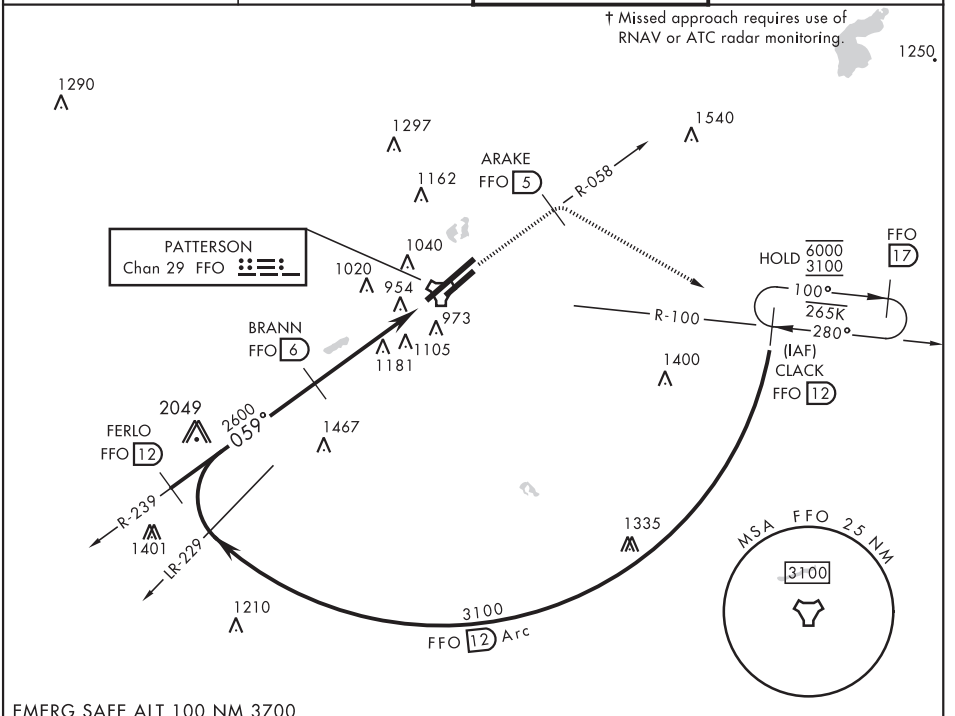
T * When ALS inop, increase RVR CAT AB to 55 and vis to 1 mile, CAT CDE vis to 1¾ miles.
** When Rwy 23R VGSI inop, circling to Rwy 23R NA at night.

ALSF-1 (A1)

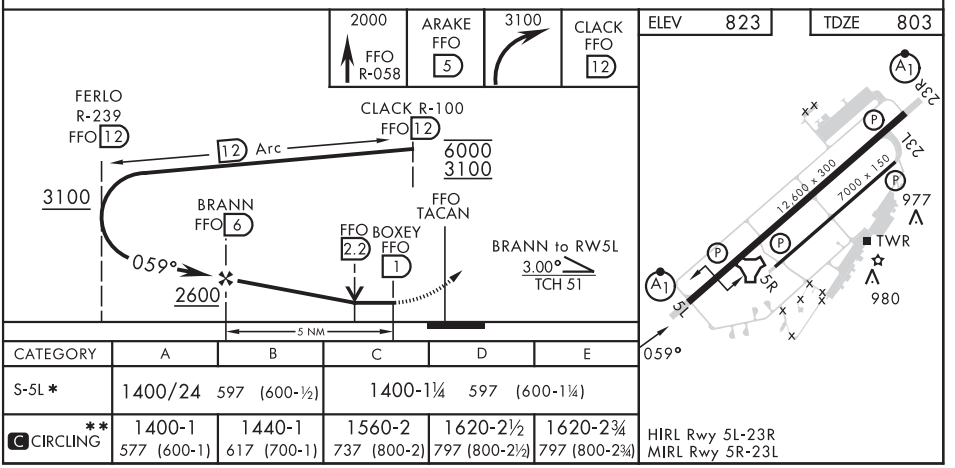
† MISSED APPROACH: Climb to 2000 via FFO R-058 to 5 DME, turn right direct CLACK climbing to 3100 and hold.

ATIS	COLUMBUS APP CON	PATTERSON TOWER	GND CON
124.475 269.9	118.85 269.275	127.8 281.45	121.8 335.8

† Missed approach requires use of RNAV or ATC radar monitoring.



EMERG SAFE ALT 100 NM 3700



CATEGORY	A	B	C	D	E
S-5L *	1400/24 597 (600-½)		1400-1¼ 597 (600-1¼)		
** CIRCLING	1400-1 577 (600-1)	1440-1 617 (700-1)	1560-2 737 (800-2)	1620-2½ 797 (800-2½)	1620-2¾ 797 (800-2¾)

HIRL Rwy 5L-23R
MIRL Rwy 5R-23L

DAYTON, OHIO
Amdt 7 05JAN17

39° 50′N-84° 03′W

WRIGHT-PATTERSON AFB (KFFO)

TACAN RWY 5L

EC-2, 12 JUN 2025 to 07 AUG 2025

EC-2, 12 JUN 2025 to 07 AUG 2025

DAYTON, OHIO

TACAN RWY 5R

TACAN	APCH CRS	Rwy Idg	7000
FFO Chan 29	048°	THRE	807
		Arpt Elev	823

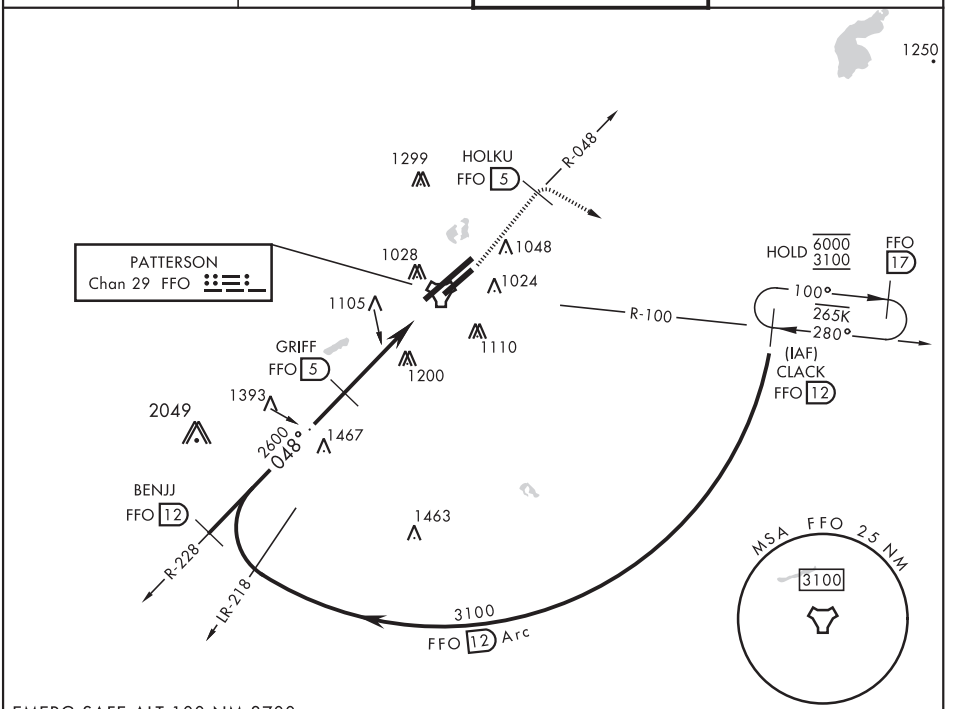
[USAF]

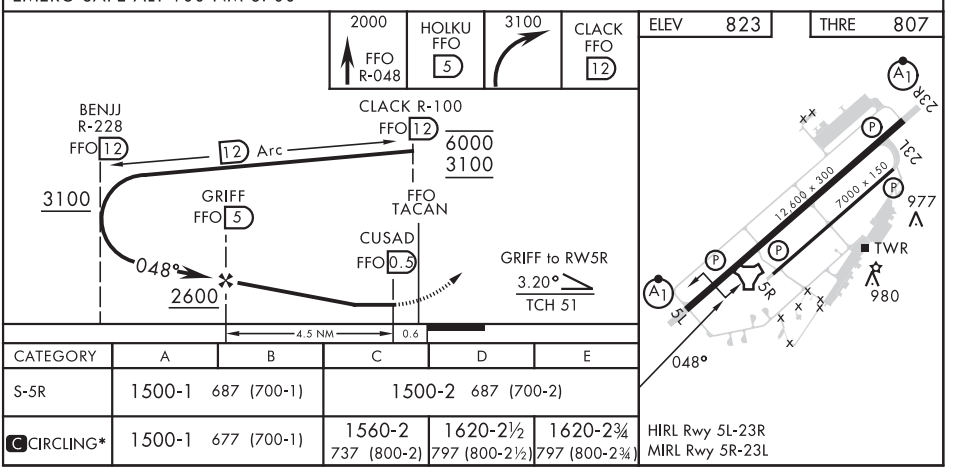
WRIGHT-PATTERSON AFB (KFFO)

* When Rwy 23R VGSI inop, circling to Rwy 23R NA at night.

MISSED APPROACH: Climb to 2000 via FFO R-048 to HOLKU, turn right direct CLACK climbing to 3100 and hold.

ATIS	COLUMBUS APP CON	PATTERSON TOWER	GND CON
124.475 269.9	118.85 269.275	127.8 281.45	121.8 335.8





CATEGORY	A	B	C	D	E
S-5R	1500-1	687 (700-1)	1500-2	687 (700-2)	
C CIRCLING*	1500-1	677 (700-1)	1560-2 737 (800-2)	1620-2½ 797 (800-2½)	1620-2¾ 797 (800-2¾)

HIRL Rwy 5L-23R
MIRL Rwy 5R-23L

DAYTON, OHIO
Amdt 5 05JAN17

39° 50′N-84° 03′W

WRIGHT-PATTERSON AFB (KFFO)

TACAN RWY 5R

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

DAYTON, OHIO

TACAN RWY 23L

TACAN	APCH CRS	Rwy Idg	7000
FFO Chan 29	236°	TDZE	818
		Arpt Elev	823

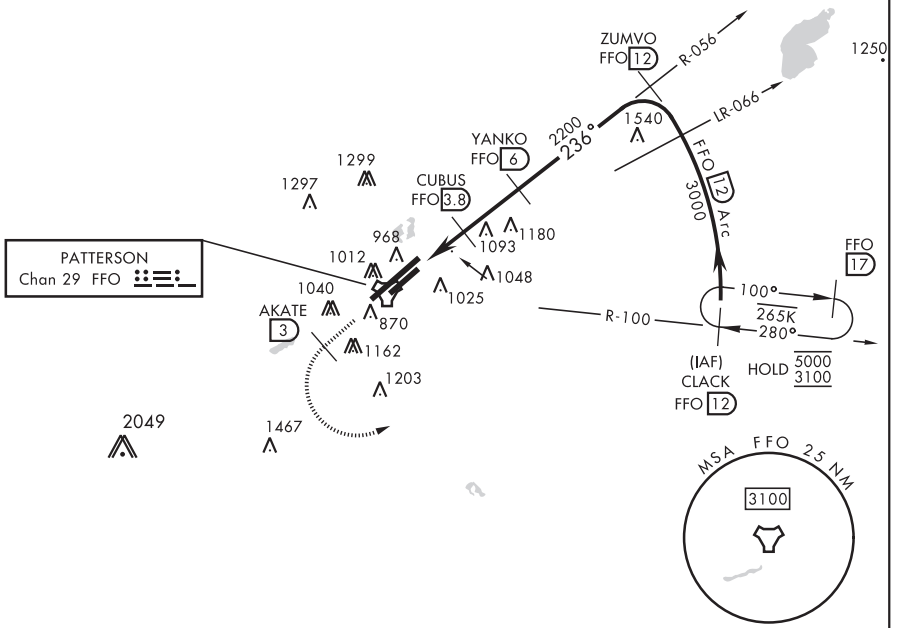
[USAF]

WRIGHT-PATTERSON AFB (KFFO)

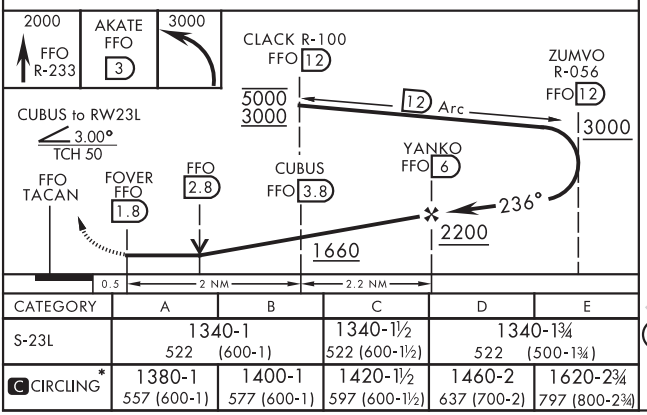
▼ * When Rwy 23R VGSI inop, circling to Rwy 23R NA at night.

MISSED APPROACH: Climb to 2000 via FFO R-233, at 3 DME turn left direct CLACK climbing to 3000 and hold.

ATIS	COLUMBUS APP CON	PATTERSON TOWER	GND CON
124.475 269.9	118.85 269.275	127.8 281.45	121.8 335.8

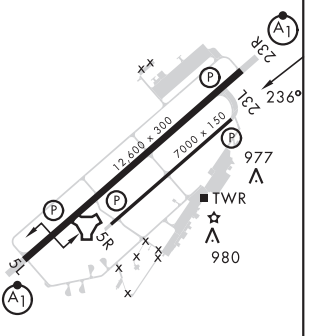


EMERG SAFE ALT 100 NM 3700



CATEGORY	A	B	C	D	E
S-23L	1340-1 522 (600-1)		1340-1½ 522 (600-1½)	1340-1¾ 522 (500-1¾)	
C CIRCLING *	1380-1 557 (600-1)	1400-1 577 (600-1)	1420-1½ 597 (600-1½)	1460-2 637 (700-2)	1620-2¾ 797 (800-2¾)

ELEV 823 TDZE 818



HIRL Rwy 5L-23R
MIRL Rwy 5R-23L

DAYTON, OHIO
Amdt 3 30APR15

39° 50′N-84° 03′W

WRIGHT-PATTERSON AFB (KFFO)

TACAN RWY 23L

EC-2, 12 JUN 2025 to 07 AUG 2025

EC-2, 12 JUN 2025 to 07 AUG 2025

DAYTON, OHIO

TACAN RWY 23R

TACAN	APCH CRS	Rwy Idg	12,600
FFO Chan 29	230°	THRE	823
		Arpt Elev	823

[USAF]

WRIGHT-PATTERSON AFB (KFFO)

▼ * When ALS inop, increase CAT AB RVR to 55 and vis to 1 mile, CAT CDE vis to 1½ miles.

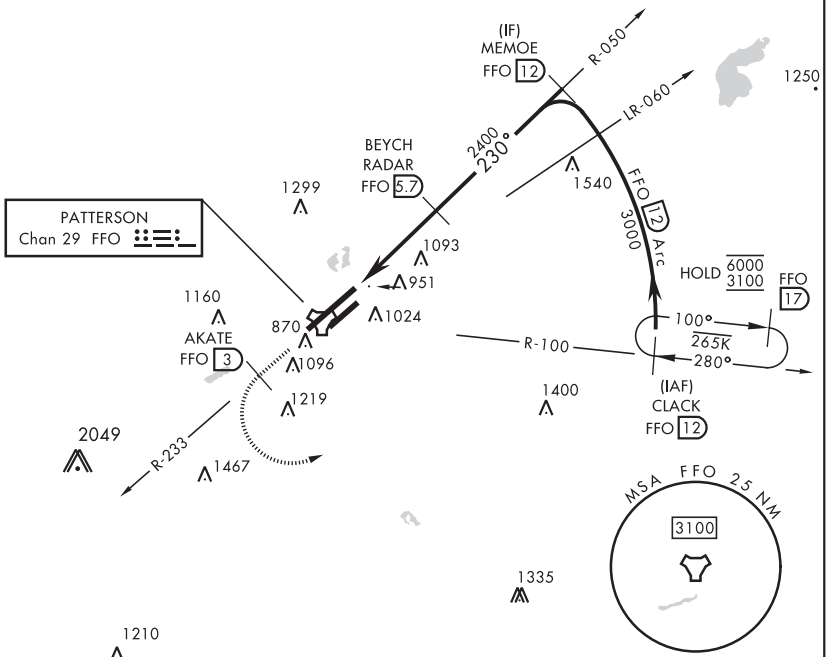
ALSF-1

† MISSED APPROACH: Climb to 2000 via FFO R-233, at 3 DME turn left direct CLACK climbing to 3000 and hold.

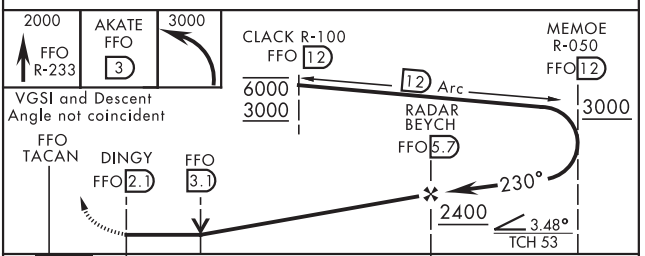
ATIS	COLUMBUS APP CON	PATTERSON TOWER	GND CON
124.475 269.9	118.85 269.275	127.8 281.45	121.8 335.8

** When Rwy 23R VGSI inop, circling to Rwy 23R NA at night.

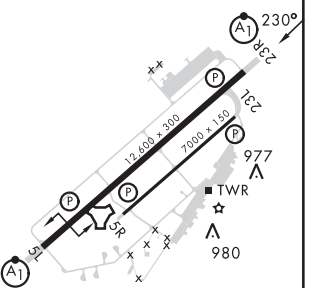
† Missed approach requires use of RNAV or ATC radar monitoring.



EMERG SAFE ALT 100 NM 3700



ELEV 823 THRE 823



CATEGORY	A	B	C	D	E
S-23R *	1360/24 537 (600-½)		1360/55 537 (600-1)		
C CIRCLING **	1380-1 557 (600-1)	1440-1 617 (700-1)	1560-2 737 (800-2)	1620-2½ 797 (800-2½)	1620-2¾ 797 (800-2¾)

HIRL Rwy 5L-23R
MIRL Rwy 5R-23L

DAYTON, OHIO
Amdt 6 30APR15

39° 50′N-84° 03′W

WRIGHT-PATTERSON AFB (KFFO)

TACAN RWY 23R

EC-2, 12 JUN 2025 to 07 AUG 2025

EC-2, 12 JUN 2025 to 07 AUG 2025

25051

AIRPORT DIAGRAM

WRIGHT-PATTERSON AFB (KFFO)

[USAF]

DAYTON, OHIO

AIRPORT DIAGRAM

DAYTON, OHIO

WRIGHT-PATTERSON AFB (KFFO)

EC-2, 12 JUN 2025 to 07 AUG 2025

APP CRS	Rwy Idg	3664
098°	TDZE	1051
	Apt Elev	1070

RNAV (GPS) RWY 10

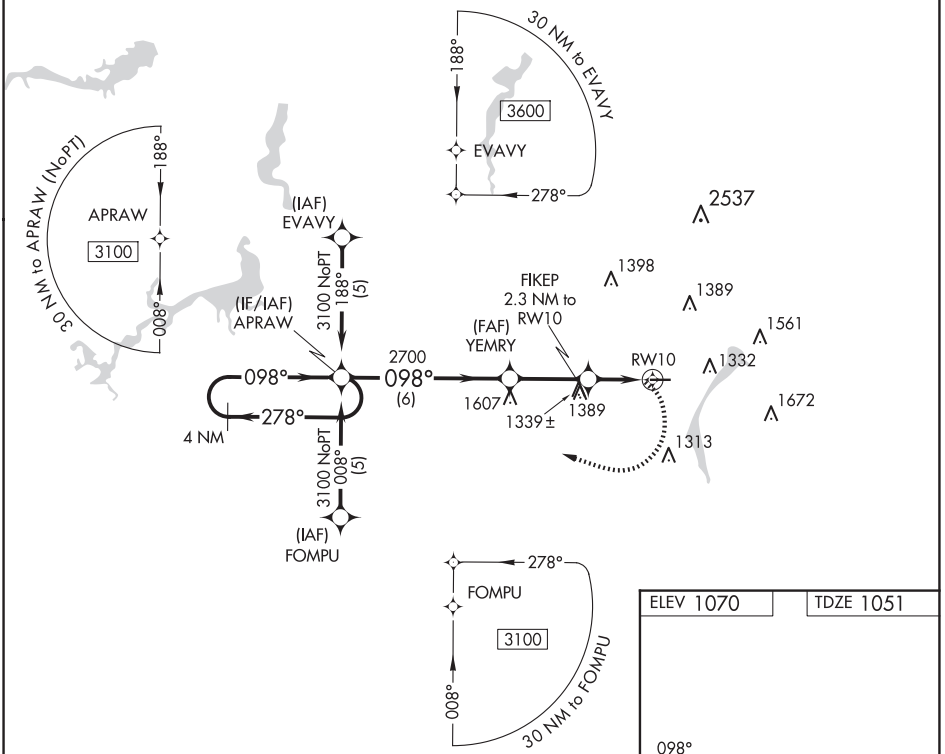
YOUNGSTOWN ELSER METRO (4G4)

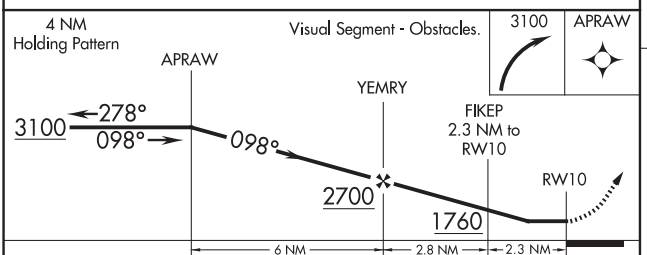
RNP APCH.

T NA — Rwy 10 helicopter visibility reduction below 1 SM NA. Obtain local altimeter setting on CTAF; when not received, use New Castle altimeter setting and increase all MDA 40 feet. Procedure NA at night.

MISSED APPROACH: Climbing right turn to 3100 direct APRAW and hold.

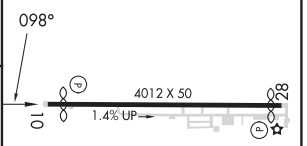
YOUNGSTOWN APP CON ★	CLNC DEL	UNICOM
133.95 322.3	119.25	123.05 (CTAF)





CATEGORY	A	B	C	D
LNAV MDA	1660-1	609 (600-1)	NA	

ELEV 1070 TDZE 1051



MIRL Rwy 10-28
REIL Rwys 10 and 28

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

YOUNGSTOWN, OHIO | AL-6529 (FAA) | 24249

APP CRS	Rwy Idg	3753
279°	TDZE	1063
	Apt Elev	1070

RNAV (GPS) RWY 28

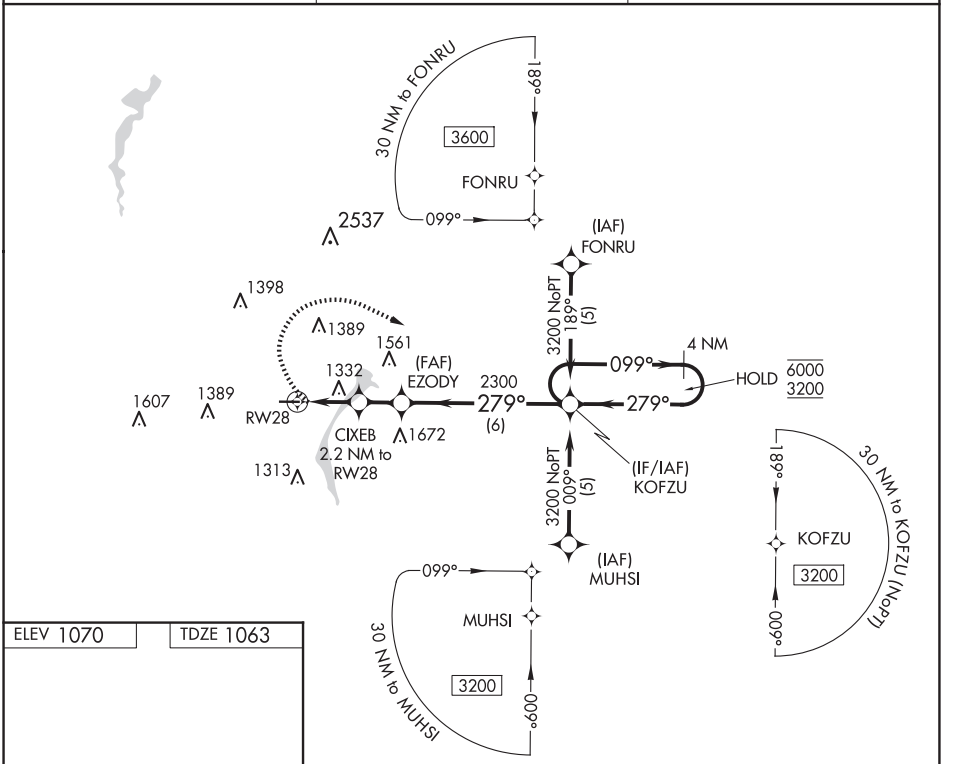
YOUNGSTOWN ELSER METRO (4G4)

RNP APCH - GPS.

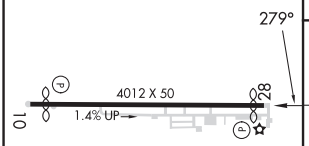
T A NA — Procedure NA at night. Rwy 28 helicopter visibility reduction below 1 SM NA. Obtain local altimeter setting on CTAF; when not received, use New Castle altimeter setting and increase all MDA 40 feet.

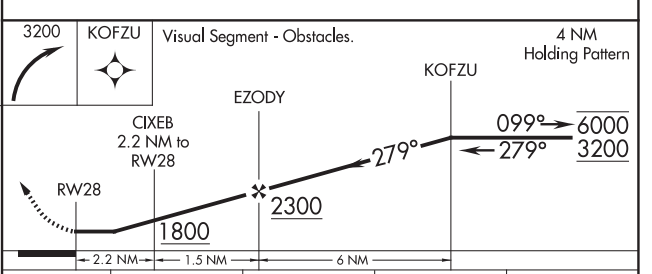
MISSED APPROACH: Climbing right turn to 3200 direct KOFZU and hold.

YOUNGSTOWN APP CON ★	CLNC DEL	UNICOM
133.95 322.3	119.25	123.05 (CTAF)



ELEV 1070 | TDZE 1063





CATEGORY	A	B	C	D
LNAV MDA	1600-1 537 (600-1)		NA	
CIRCLING	1660-1 590 (600-1)		NA	

MIRL Rwy 10-28
REIL Rwys 10 and 28

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

ILS or LOC RWY 14

YOUNGSTOWN/WARREN RGNL (YNG)

LOC I-MQK	APP CRS	Rwy Idg	9003
110.1	143°	TDZE	1134
		Apt Elev	1192

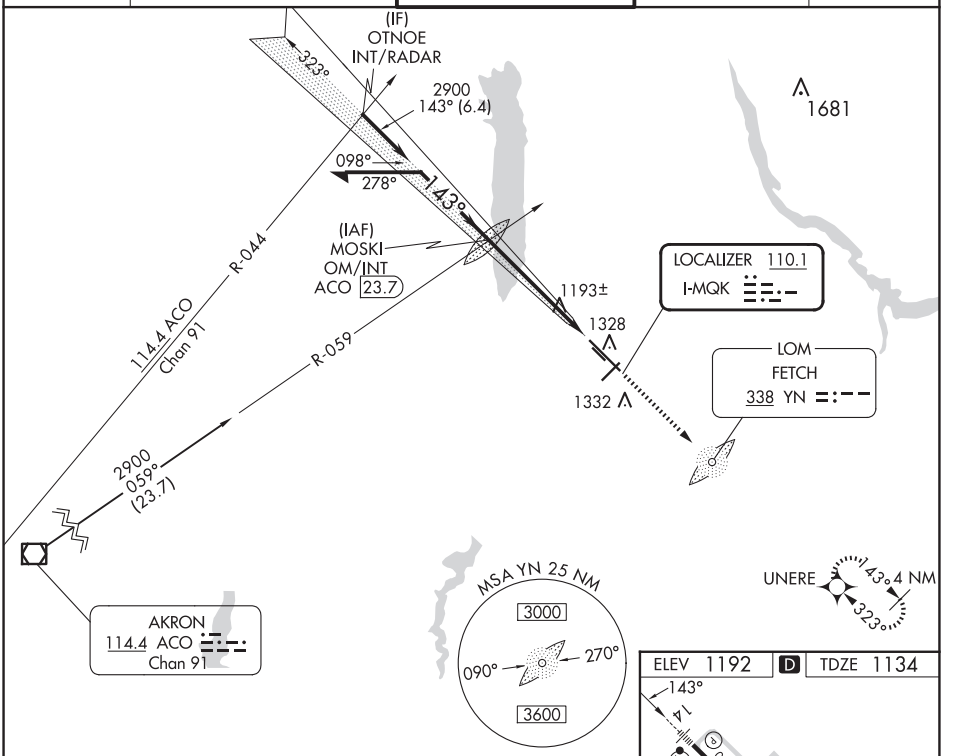
RNP APCH - GPS.

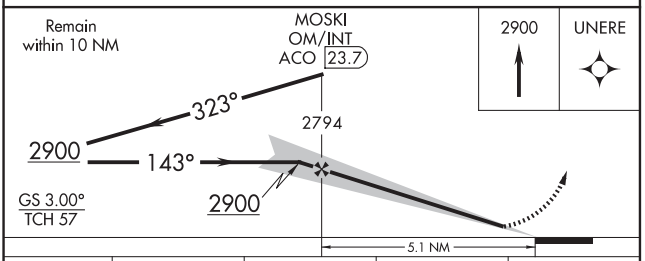
ASR Circling Rwy 5 and 23 NA at night.

MALSR

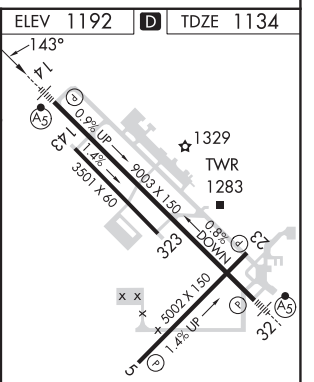
MISSED APPROACH: Climb to 2900 direct UNERE and hold.

ATIS	YOUNGSTOWN APP CON ★	YOUNGSTOWN TOWER	GND CON	CLNC DEL
123.75	133.95 322.3	119.5 263.0	121.9 275.8	118.25





CATEGORY	A	B	C	D
S-ILS 14	1334-½ 200 (200-½)			
S-LOC 14	1580-½ 446 (400-½)		1580-⅞ 446 (400-⅞)	
C CIRCLING	1640-1 448 (500-1)	1660-1 468 (500-1)	1740-1½ 548 (600-1½)	1760-2 568 (600-2)



HIRL Rwy 14-32
MIRL Rwy 5-23
REIL Rwys 5 and 23

FAF to MAP 5.1 NM

Knots	60	90	120	150	180
Min:Sec	5:06	3:24	2:33	2:02	1:42

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

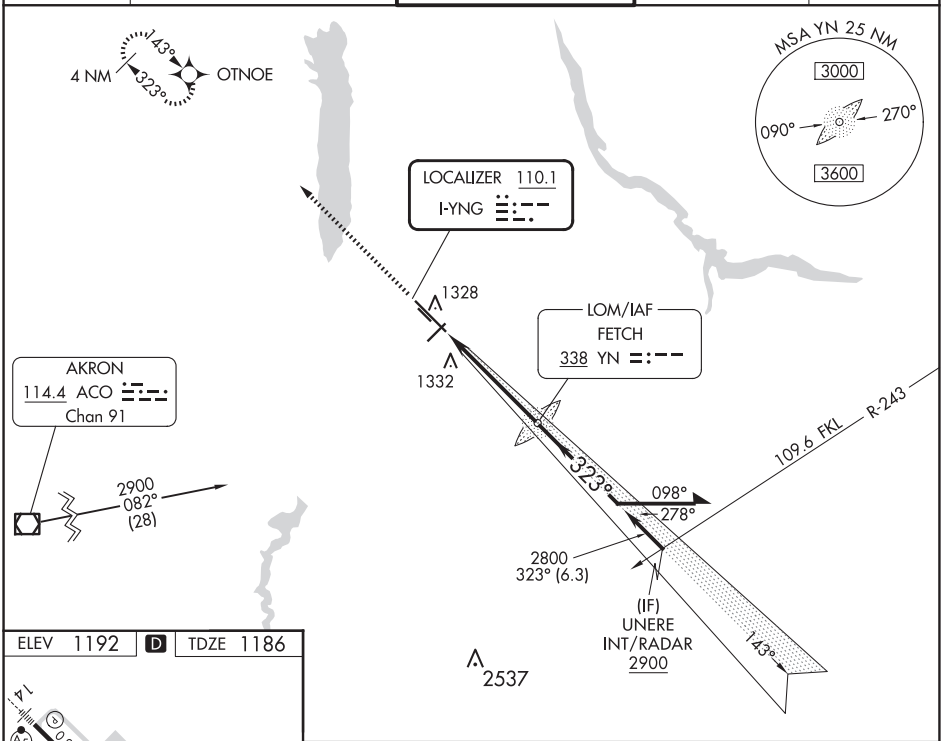
ILS or LOC RWY 32

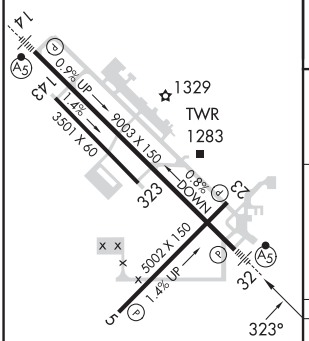
YOUNGSTOWN/WARREN RGNL (YNG)

LOC I-YNG	APP CRS	Rwy Idg	9003
110.1	323°	TDZE	1186
		Apt Elev	1192

RNP APCH - GPS.
ADF required.
ASR
Circling Rwy 5 and 23 NA at night. Operational VGSI required, remain on or above VGSI glidepath until threshold. Use of GS below 100' AGL NA.
MALSR
MISSED APPROACH: Climb to 2900 direct OTNOE and hold.

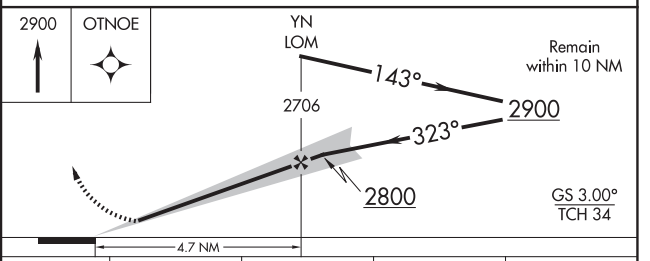
ATIS	YOUNGSTOWN APP CON ★	YOUNGSTOWN TOWER	GND CON	CLNC DEL
123.75	133.95 322.3	119.5 263.0	121.9 275.8	118.25





HIRL Rwy 14-32
MIRL Rwy 5-23
REIL Rwys 5 and 23

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 32	1436/24		250 (300-½)	
S-LOC 32	1640/24	454 (500-½)	1640/45	454 (500-⅞)
C CIRCLING	1640-1 448 (500-1)	1660-1 468 (500-1)	1740-1½ 548 (600-1½)	1760-2 568 (600-2)

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

RNAV (GPS) RWY 14

YOUNGSTOWN/WARREN RGNL (YNG)

WAAS	APP CRS	Rwy Idg	9003
CH 49205	143°	TDZE	1134
W14A		Apt Elev	1192

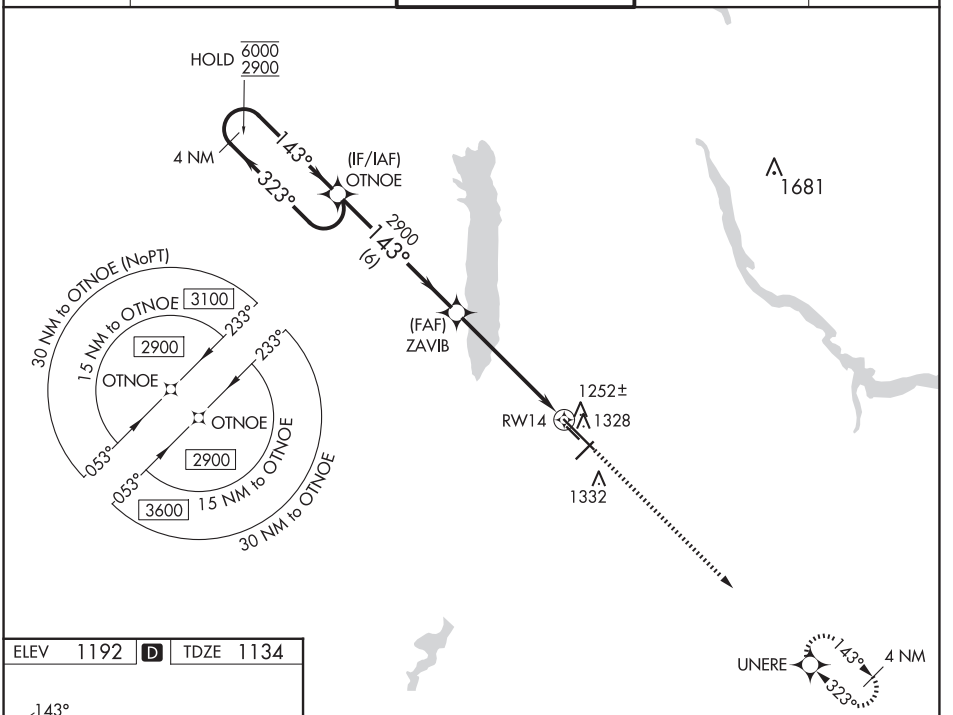
RNP APCH - GPS.

ASR: For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -18°C or above 54°C. Circling Rwy 5 and 23 NA at night. For inop ALS, increase LNAV/VNAV all Cats visibility to ⅞ SM.

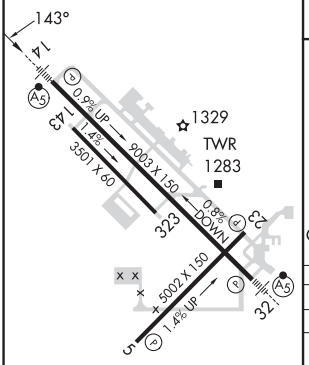
MALSR

MISSED APPROACH: Climb to 2900 direct UNERE and hold.

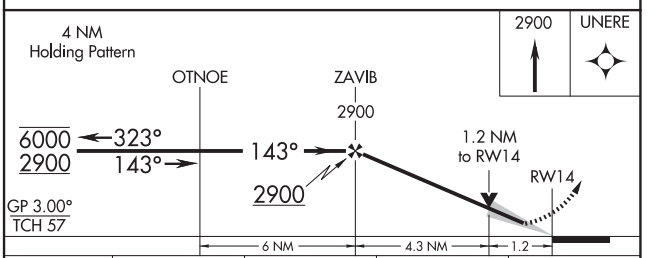
ATIS	YOUNGSTOWN APP CON ★	YOUNGSTOWN TOWER	GND CON	CLNC DEL
123.75	133.95 322.3	119.5 263.0	121.9 275.8	118.25



ELEV 1192 D TDZE 1134



HIRL Rwy 14-32
MIRL Rwy 5-23
REIL Rwys 5 and 23



CATEGORY	A	B	C	D
LPV DA	1334-½	200 (200-½)		
LNAV/VNAV DA	1421-½	287 (300-½)		
LNAV MDA	1540-½	406 (400-½)	1540-⅝	406 (400-⅝)
C CIRCLING	1640-1 448 (500-1)	1660-1 468 (500-1)	1740-1½ 548 (600-1½)	1760-2 568 (600-2)

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

YOUNGSTOWN/WARREN, OHIO AL-466 (FAA) 24305

WAAS	APP CRS		
CH **97406**	**323°**	Rwy Idg	**9003**
W32A		TDZE	**1186**
		Apt Elev	**1192**

RNAV (GPS) RWY 32

YOUNGSTOWN/WARREN RGNL (YNG)

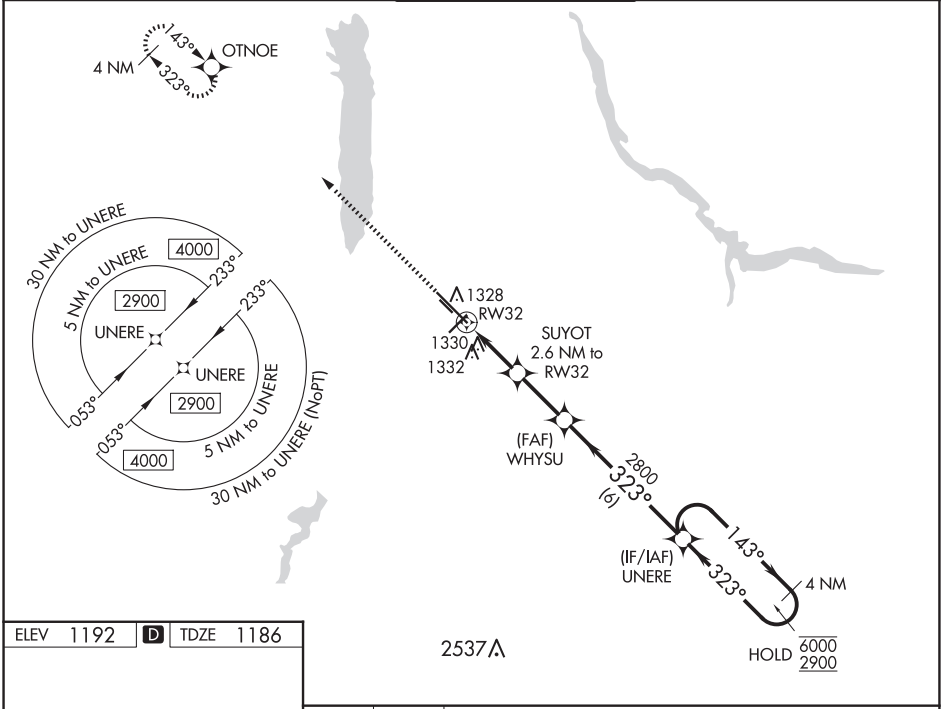
RNP APCH - GPS.

ASR Circling Rwy 5 and 23 NA at night. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -18°C or above 54°C.

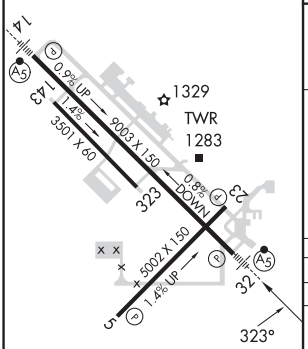
MALSR

MISSED APPROACH: Climb to 2900 direct OTNOE and hold.

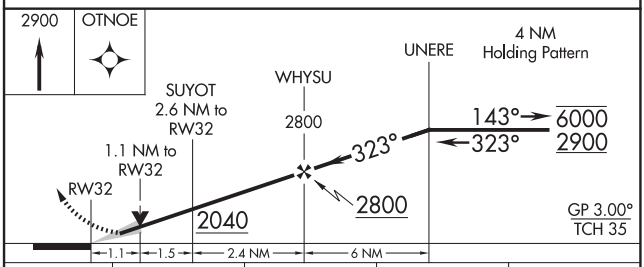
ATIS	YOUNGSTOWN APP CON ★	YOUNGSTOWN TOWER	GND CON	CLNC DEL
123.75	133.95 322.3	119.5 263.0	121.9 275.8	118.25



ELEV 1192 D TDZE 1186



HIRL Rwy 14-32
MIRL Rwy 5-23
REIL Rwys 5 and 23



CATEGORY	A	B	C	D
LPV DA	1436/24 250 (300-½)			
LNAV/VNAV DA	1511/26 325 (400-½)			
LNAV MDA	1580/24 394 (400-½)		1580/35 394 (400-⅝)	
C CIRCLING	1640-1 448 (500-1)	1660-1 468 (500-1)	1740-1½ 548 (600-1½)	1760-2 568 (600-2)

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

NDB RWY 32

YOUNGSTOWN/WARREN RGNL (YNG)

LOM YN	APP CRS	Rwy Idg	9003
338	323°	TDZE	1186
		Apt Elev	1192

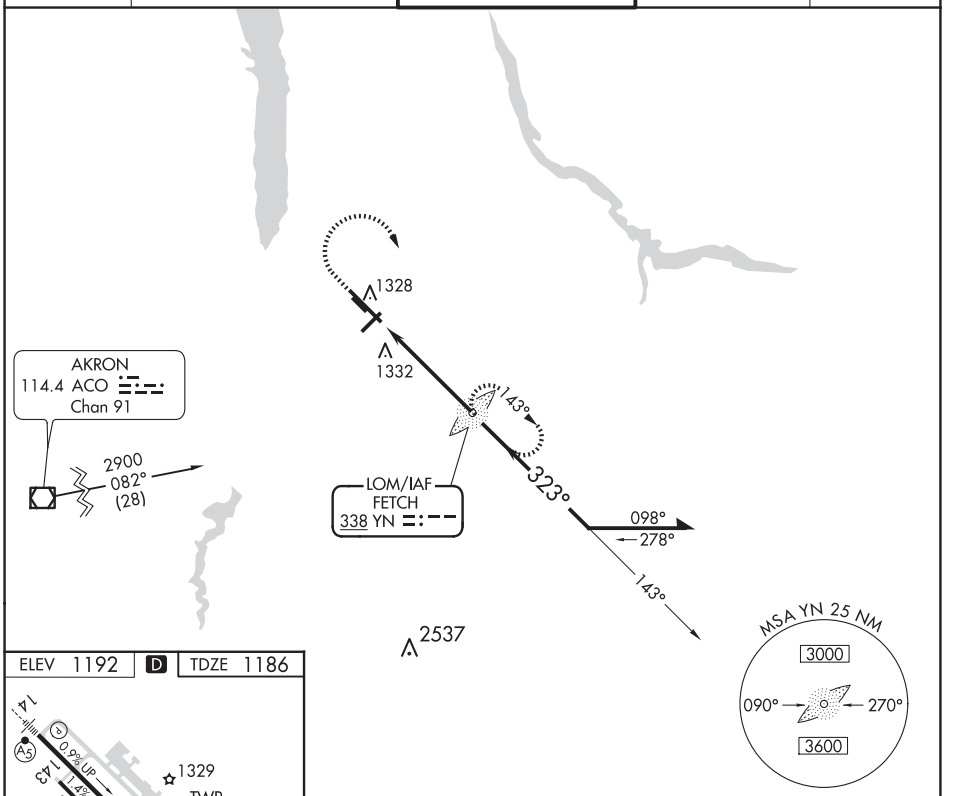
NA
ASR

Circling Rwy 5 NA at night.

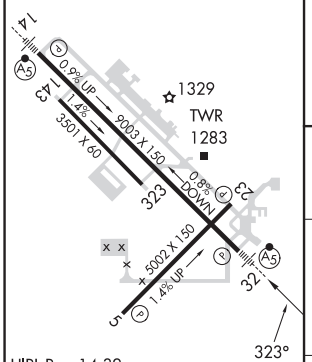
MALSR

MISSED APPROACH: Climb to 1800 then climbing right turn to 2900 direct FETCH LOM and hold.

ATIS	YOUNGSTOWN APP CON ★	YOUNGSTOWN TOWER	GND CON	CLNC DEL
123.75	133.95 322.3	119.5 263.0	121.9 275.8	118.25



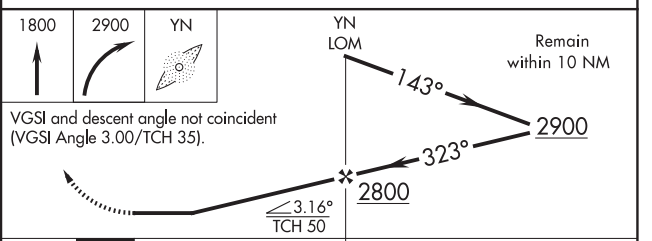
ELEV 1192 D TDZE 1186



HIRL Rwy 14-32
MIRL Rwy 5-23
REIL Rwys 5 and 23

FAF to MAP 4.7 NM

Knots	60	90	120	150	180
Min:Sec	4:42	3:08	2:21	1:53	1:34



VGSI and descent angle not coincident (VGSI Angle 3.00/TCH 35).

CATEGORY	A	B	C	D
S-32	1700/40	514 (600-¾)	1700/55	514 (600-1)
C CIRCLING	1700-1	508 (600-1)	1740-1½ 548 (600-1½)	1760-2 568 (600-2)

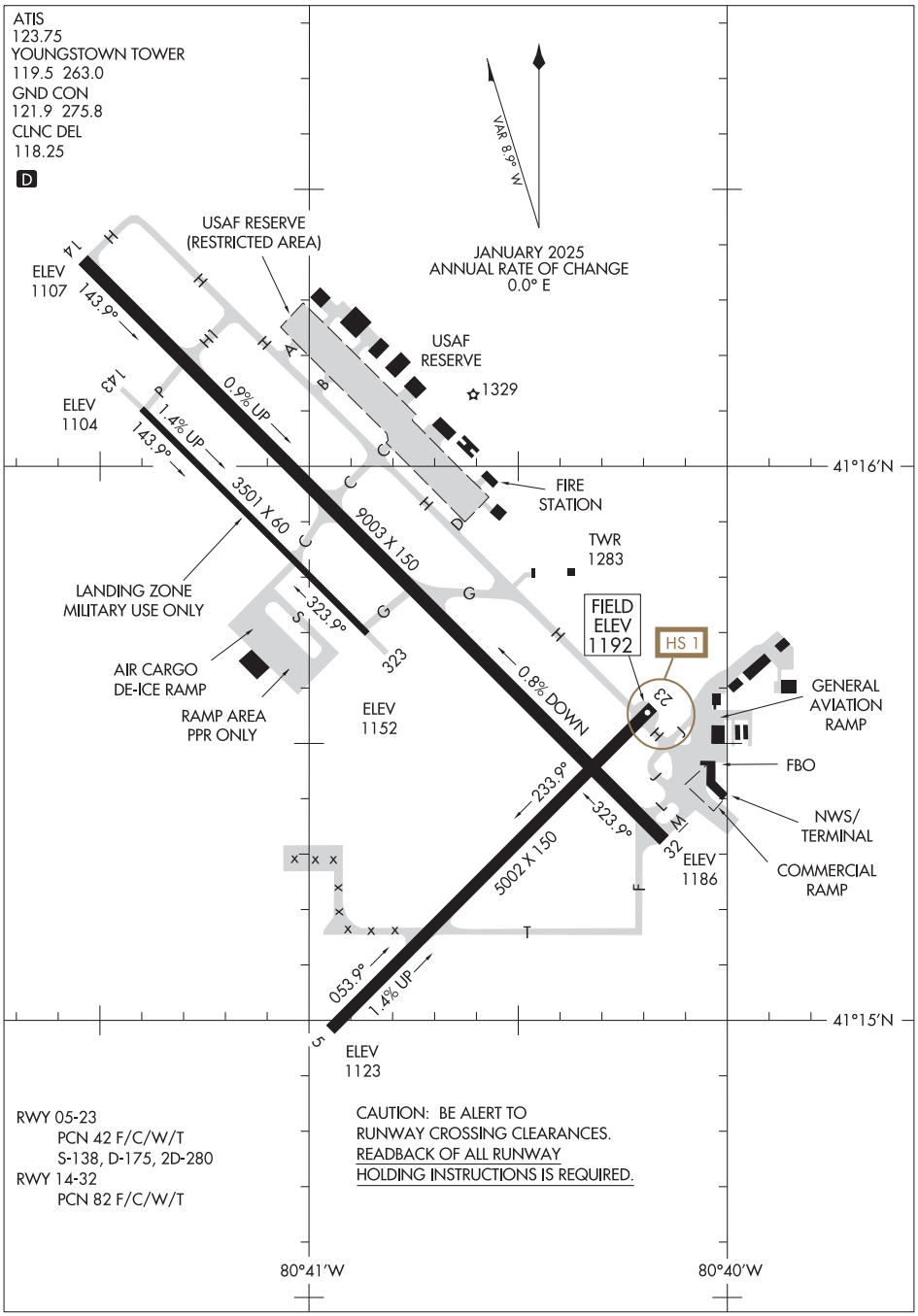
EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

25163

AIRPORT DIAGRAM

AL-466 (FAA)

YOUNGSTOWN/WARREN RGNL (YNG)
YOUNGSTOWN/WARREN, OHIO



RWY 05-23
PCN 42 F/C/W/T
S-138, D-175, 2D-280
RWY 14-32
PCN 82 F/C/W/T

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

EC-2, 12 JUN 2025 to 07 AUG 2025

EC-2, 12 JUN 2025 to 07 AUG 2025

AIRPORT DIAGRAM
25163
YOUNGSTOWN/WARREN, OHIO
YOUNGSTOWN/WARREN RGNL (YNG)

ILS or LOC RWY 22

ZANESVILLE MUNI (ZZV)

LOC/DME I-TNF	APP CRS	Rwy Ldg 4999
109.95	220°	TDZE 892
Chan 36 (Y)		Apt Elev 900

DME required.

T

A NA

Circling Rwy 16, 34 NA at night.

MISSED APPROACH: Climb to 1400 then climbing left turn to 3000 on heading 360° and I-TNF localizer northeast course 040° to CEVAY/I-TNF 12.3 DME and hold.

ASOS	INDIANAPOLIS CENTER	UNICOM
127.0	124.45 323.275	123.0 (CTAF) L

ALTERNATE MISSED APCH FIX

090° 270° R-090

114.95 ZZV Chan 96 (Y)

SABGE ZZV 12

1548

HOLD 5300 3000 040° 1 min 220° LR-029 040°

MSA ZZV 25 NM 2700

(IF/IAF) CEVAY I-TNF 12.3

2700 220° (2.2)

PENIC I-TNF 10.2

3000 NoPT ZZV 12 Arc

(IAF) CINAB ZZV 12

ZANESVILLE 114.95 ZZV Chan 96(Y)

2600 220° (3.9)

LR-050

3000 NoPT ZZV 12 Arc

PROLE I-TNF 6.3

3000 to CEVAY 040° (12)

1075

JAVOG I-TNF 3 1137

(IAF) SABGE ZZV 12

3000 NoPT ZZV 12 Arc R-298

1298

R-280

R-090

1416

(IAF) AMALE ZZV 12

1049±

R-109

3000 NoPT ZZV 12 Arc

(IAF) MUNOE ZZV 12

LOCALIZER 109.95 I-TNF Chan 36 (Y)

1324

ELEV 900 D TDZE 892

220°

932

0.6% UP 0.5% UP

4999 X 150

4998 X 75

4 22 16 34

1400	3000 hdg 360°	I-TNF NE Course	CEVAY I-TNF 12.3

Use I-TNF DME when on the localizer course.

One Minute Holding Pattern

CEVAY I-TNF 12.3 PENIC I-TNF 10.2 PROLE I-TNF 6.3 JAVOG I-TNF 3 I-TNF 2.3 I-TNF 1 2600 220° 2700 040° 5300 3000 220° 1540 2600

GS 3.00° TCH 48

1.3 NM 0.7 NM 3.3 NM 3.9 NM 2.2 NM

CATEGORY	A	B	C	D
S-ILS 22	1092-¾ 200 (200-¾)			
S-LOC 22	1340-1 448 (500-1)		1340-1⅜ 448 (500-1⅜)	
C CIRCLING	1380-1 480 (500-1)	1420-1 520 (600-1)	1560-1¾ 660 (700-1¾)	1620-2¼ 720 (800-2¼)

HIRL Rwy 4-22 L

MIRL Rwy 16-34 L

REIL Rwys 4, 16, 22 and 34 L

EC-2, 12 JUN 2025 to 07 AUG 2025

EC-2, 12 JUN 2025 to 07 AUG 2025

ZANESVILLE, OHIO

AL-864 (FAA)

25163

RNAV (GPS) RWY 4

ZANESVILLE MUNI (ZZV)

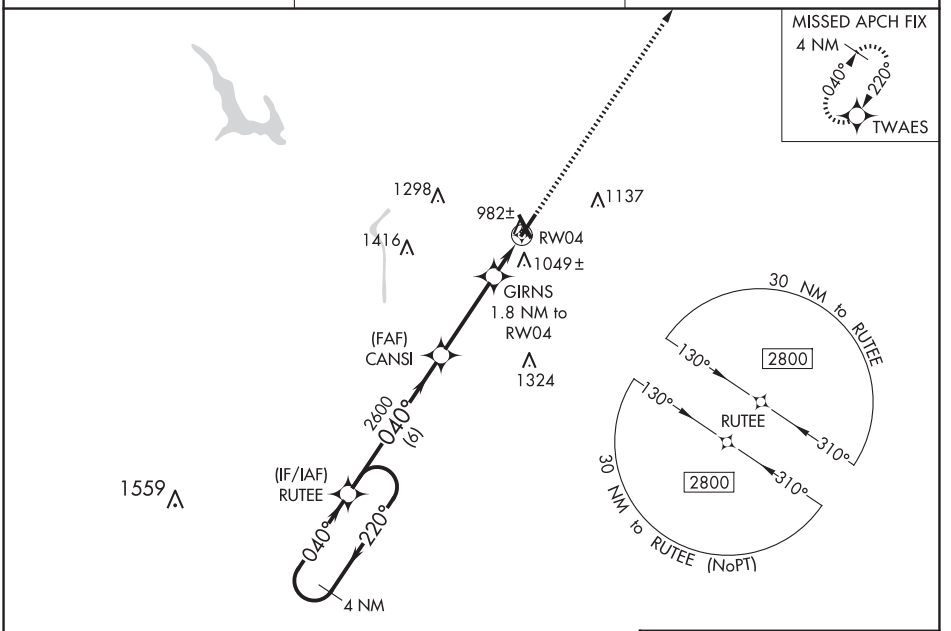
WAAS	APP CRS	Rwy Ldg	4999
CH 72639	040°	TDZE	900
W04A		Apt Elev	900

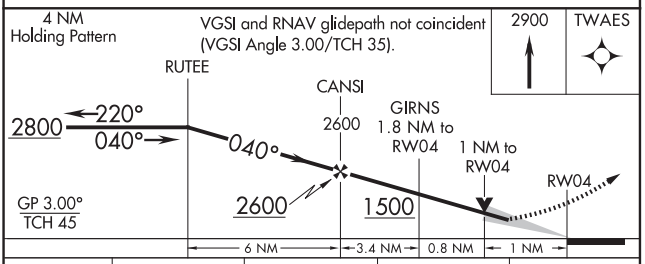
RNP APCH - GPS.

T A For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -21°C or above 54°C. Circling Rwy 16, 34 NA at night.

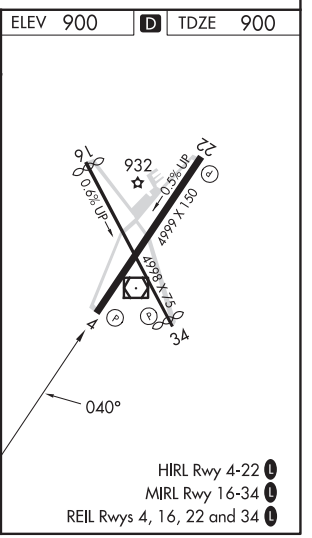
MISSED APPROACH: Climb to 2900 direct TWAES and hold.

ASOS	INDIANAPOLIS CENTER	UNICOM
127.0	124.45 323.275	123.0 (CTAF) L





CATEGORY	A	B	C	D
LPV DA	1150-¾ 250 (300-¾)			
LNAV/VNAV DA	1155-¾ 255 (300-¾)			
LNAV MDA	1280-1 380 (400-1)			
C CIRCLING	1380-1 480 (500-1)	1420-1 520 (600-1)	1620-2 720 (800-2)	1620-2¼ 720 (800-2¼)



ZANESVILLE, OHIO

Orig-A 13JUN24

39°57′N-81°54′W

ZANESVILLE MUNI (ZZV)

RNAV (GPS) RWY 4

EC-2, 12 JUN 2025 to 07 AUG 2025

EC-2, 12 JUN 2025 to 07 AUG 2025

RNAV (GPS) RWY 22

ZANESVILLE MUNI (ZZV)

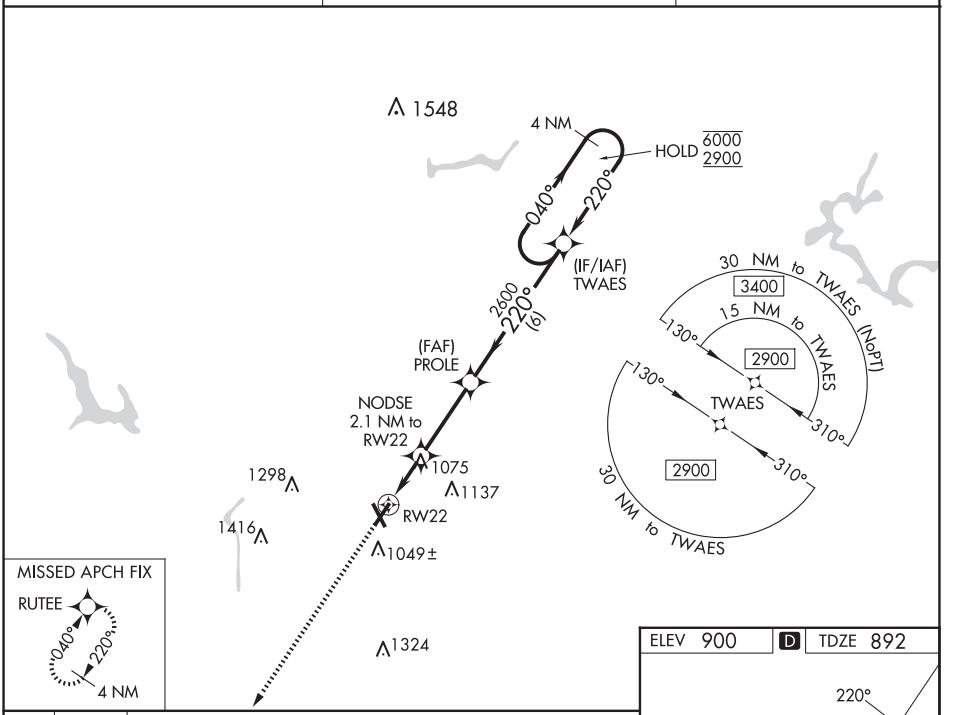
WAAS	APP CRS	Rwy Ldg	4999
CH 78039	220°	TDZE	892
W22A		Apt Elev	900

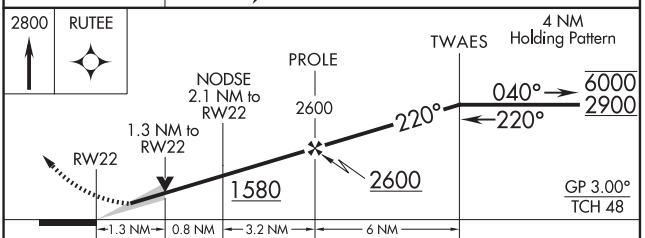
RNP APCH - GPS.

T A For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -22°C or above 54°C. Circling Rwy 16, 34 NA at night.

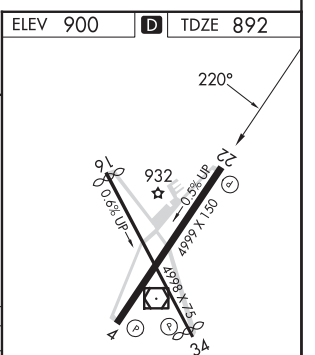
MISSED APPROACH: Climb to 2800 direct RUTEE and hold.

ASOS	INDIANAPOLIS CENTER	UNICOM
127.0	124.45 323.275	123.0 (CTAF) L





CATEGORY	A	B	C	D
LPV DA	1092-¾ 200 (200-¾)			
LNAV/VNAV DA	1297-1⅛ 405 (400-1⅛)			
LNAV MDA	1340-1 448 (500-1)		1340-1⅜ 448 (500-1⅜)	
C CIRCLING	1380-1 480 (500-1)	1420-1 520 (600-1)	1560-1¾ 660 (700-1¾)	1620-2¼ 720 (800-2¼)



HIRL Rwy 4-22 L
MIRL Rwy 16-34 L
REIL Rwys 4, 16, 22 and 34 L

EC-2, 12 JUN 2025 to 07 AUG 2025
EC-2, 12 JUN 2025 to 07 AUG 2025

INTENTIONALLY

LEFT

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EC-2, 12 JUN 2025 to 07 AUG 2025

EC-2, 12 JUN 2025 to 07 AUG 2025

INSIDE BACK COVER

INTENTIONALLY

LEFT

BLANK

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AREA OF COVERAGE

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