

INSTRUMENT APPROACH PROCEDURE CHARTS

IFR ALTERNATE AIRPORT MINIMUMS

Pilots must review the IFR Alternate Minimums Notes to determine alternate airport suitability.

△NA 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 **△**NA designation are not listed in this section. **△** 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
△ Non-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.

NAME ALTERNATE MINIMUMS

BATAVIA, OH
CLERMONT
COUNTY (I69).....**RNAV (GPS) Rwy 4**
RNAV (GPS) Rwy 22
VOR-B

NA when local weather not available.

ANDERSON, IN
ANDERSON MUNI-DARLINGTON
FLD (AID).....**ILS or LOC Rwy 30¹**
RNAV (GPS) Rwy 12
RNAV (GPS) Rwy 30

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

BEDFORD, IN
VIRGIL I. GRISSOM
MUNI (BFR).....**RNAV (GPS) Rwy 13**

NA when local weather not available.

ATHENS/ALBANY, OH
OHIO
UNIVERSITY (UNI).....**RNAV (GPS) Rwy 7**
RNAV (GPS) Rwy 25

Category D, 800-2½.

BELLEFONTAINE, OH
BELLEFONTAINE
RGNL (EDJ).....**VOR Rwy 7**

NA when local weather not available.
Category D, 900-2¼.

AUBURN, IN
DE KALB
COUNTY (GWB).....**RNAV (GPS) Rwy 9**
RNAV (GPS) Rwy 27
VOR-A

Category C, 900-2½; Category D, 900-2¼.

BLOOMINGTON, IN
MONROE
COUNTY (BMG).....**ILS or LOC/DME Rwy 35¹**
RNAV (GPS) Rwy 17²
RNAV (GPS) Rwy 24²
RNAV (GPS) Rwy 35³
VOR Rwy 17³
VOR/DME Rwy 6³

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

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NAME ALTERNATE MINIMUMS

CAMBRIDGE, OH

CAMBRIDGE MUNI (CDI).....RNAV (GPS) Rwy 4
RNAV (GPS) Rwy 22

NA when local weather not available.
Category C, 1100-3.

CHILLICOTHE, OH

ROSS COUNTY (RZT).....RNAV (GPS) Rwy 23

NA when local weather not available.
Category C, 800-2¼; Category D, 900-2¼.

CINCINNATI, OH

CINCINNATI MUNI/LUNKEN

FLD (LUK).....ILS or LOC Rwy 21L¹²
LOC BC Rwy 3R¹⁶
RNAV (GPS) Rwy 3R³
RNAV (GPS) Rwy 21L⁴
RNAV (GPS) Rwy 25⁵

NA when local weather not available.
¹NA when control tower closed.
²LOC, Category B, 900-2; Category C, 900-2½;
Category D, 1000-3.
³Categories A, B, 900-2; Category C, 900-2½;
Category D, 900-2¼.
⁴Categories A, B, 900-2¼; Category C, 900-2½;
Category D, 900-2¼.
⁵Categories A, B, C, 900-2½; Category D, 900-2¾.
⁶Categories A, B, 900-2; Category C, 900-2½;
Category D, 1000-3.

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 24R¹
RNAV (GPS) Rwy 24R

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

CUYAHOGA

COUNTY (CGF).....ILS or LOC Rwy 24¹
RNAV (GPS) Rwy 6²
RNAV (GPS) Rwy 24³

¹LOC, Category D, 800-2½.
²Category D, 800-2¼.
³Category D, 800-2½.

COLUMBUS, IN

COLUMBUS

MUNI (BAK).....RNAV (GPS) Rwy 5
RNAV (GPS) Rwy 14¹
RNAV (GPS) Rwy 23
RNAV (GPS) Rwy 32

NA when local weather not available.
¹Category D, 800-2½.

NAME ALTERNATE MINIMUMS

COLUMBUS, OH

BOLTON FLD (TZR).....ILS or LOC Rwy 4¹²
NDB Rwy 4¹
RNAV (GPS) Rwy 22²

¹NA when control tower closed.
²NA when local weather not available.

JOHN GLENN COLUMBUS

INTL (CMH).....ILS or LOC Rwy 10L¹
ILS or LOC Rwy 10R¹
ILS or LOC Rwy 28L¹
ILS or LOC Rwy 28R¹
RNAV (GPS) Y Rwy 10L²
RNAV (GPS) Y Rwy 10R²
RNAV (GPS) Y Rwy 28L²
RNAV (GPS) Y Rwy 28R²

¹LOC, Category D, 800-2¼.
²Category D, 800-2¼.

OHIO STATE

UNIVERSITY (OSU).....ILS or LOC Rwy 9R¹²
NDB Rwy 9R³
RNAV (GPS) Rwy 9R³
RNAV (GPS) Rwy 27L³

NA when local weather not available.
¹LOC, Category D, 800-2¼.
²NA when control tower closed.
³Category D, 800-2¼.

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.

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.

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MANSFIELD, OH

MANSFIELD LAHM
RGNL (MFD).....ILS or LOC Rwy 32¹³
NDB Rwy 32⁴
RNAV (GPS) Rwy 5⁴
RNAV (GPS) Rwy 14²
RNAV (GPS) Rwy 23⁴
RNAV (GPS) Rwy 32²
VOR Rwy 14⁴
VOR Rwy 32⁴

¹NA when control tower closed.
²NA when local weather not available.
³LOC, Category D, 800-2¼.
⁴Category D, 800-2¼.

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, 900-2¾.

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.

MOUNT VERNON, OH

KNOX
COUNTY (413).....RNAV (GPS) Rwy 10
NA when local weather not available.

MONTICELLO, IN

WHITE
COUNTY (MCX).....RNAV (GPS) Rwy 18
RNAV (GPS) Rwy 36

NA when local weather not available.
Category C, 900-2¾; Category D, 900-2¼.

NAME ALTERNATE MINIMUMS

MUNCIE, IN

DELAWARE
COUNTY RGNL (MIE).....ILS or LOC Rwy 31¹
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.
¹NA when control tower closed.

NEW PHILADELPHIA, OH

HARRY CLEVER
FLD (PHD).....VOR-A
Categories A, B, 900-2; Category C, 900-2¼.

NEWARK, OH

NEWARK-HEATH (VTA).....RNAV (GPS) Rwy 9¹
RNAV (GPS) Rwy 27²
VOR-A³⁴

¹Category C, 900-2¾; Category D, 900-2¼.
²Categories A, B, 900-2; Category C, 900-2¾;
Category D, 900-2¼.
³Categories A, B, 1100-2; Categories C, D, 1100-3.
⁴NA 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 24

NA when local weather not available.
Category D, 1000-3.

PORTLAND, IN

PORTLAND MUNI (PLD).....RNAV (GPS) Rwy 9
RNAV (GPS) Rwy 27¹

Category D, 800-2¼.
¹NA 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.

RENSELAER, IN

JASPER
COUNTY (RZL).....RNAV (GPS) Rwy 18
RNAV (GPS) Rwy 36

NA when local weather not available.
Category C, 800-2¼.

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NAME ALTERNATE MINIMUMS

ROCHESTER, IN

FULTON COUNTY (RCR).....RNAV (GPS) Rwy 11
RNAV (GPS) Rwy 29

NA when local weather not available.
Category D, 900-2¼.

SHELBYVILLE, IN

SHELBYVILLE MUNI (GEZ).....RNAV (GPS) Rwy 1¹
RNAV (GPS) Rwy 19¹
VOR Rwy 19

Category D, 800-2¼.
¹NA when local weather not available.

SOUTH BEND, IN

SOUTH BEND INTL (SBN).....ILS or LOC Rwy 9R¹²
ILS or LOC Rwy 27L¹²
RNAV (GPS) Rwy 9L³
RNAV (GPS) Rwy 9R³
RNAV (GPS) Rwy 18³
RNAV (GPS) Rwy 27L³
RNAV (GPS) Rwy 27R³
RNAV (GPS) Rwy 36³
VOR Rwy 18³

¹NA when control tower closed.
²LOC, Category D, 800-2¼.
³Category D, 800-2¼.

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.

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 5¹
RADAR-1²³
RNAV (GPS) Rwy 5⁴
RNAV (GPS) Rwy 14⁴
RNAV (GPS) Rwy 23⁴
RNAV (GPS) Rwy 32⁴
VOR Rwy 5⁴
VOR Rwy 23⁴

¹LOC, NA when local weather not available.
²Category E, 800-2½.
³NA when control tower closed.
⁴NA when local weather not available.

NAME ALTERNATE MINIMUMS

TOLEDO, OH

TOLEDO EXEC (TDZ).....RNAV (GPS) Rwy 4
RNAV (GPS) Rwy 32

NA when local weather not available.
Category D, 800-2¼.

EUGENE F KRANZ TOLEDO EXPRESS (TOL).....ILS Z or LOC Z Rwy 7¹
ILS Z or LOC Z Rwy 25²³
RADAR-1⁴
RNAV (GPS) Rwy 7⁴
RNAV (GPS) Rwy 16⁵
RNAV (GPS) Rwy 25⁴
RNAV (GPS) Rwy 34⁵

¹ILS, NA when local weather not available; LOC, NA.
²ILS, LOC, NA when local weather not available
³LOC, Category D, 800-2¼; Category E, 800-2½.
⁴Category D, 800-2¼; Category E, 800-2½.
⁵Category 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 27¹
RNAV (GPS) Rwy 9²
RNAV (GPS) Rwy 18
RNAV (GPS) Rwy 27²

NA when local weather not available.
¹LOC, Category D, 900-2¾.
²Category D, 900-2¾.

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
NA when local weather not available.
Category D, 800-2¼.

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WILLOUGHBY, OH

LAKE COUNTY

EXEC (LNN).....RNAV (GPS) Rwy 5¹
RNAV (GPS) Rwy 10²
RNAV (GPS) Rwy 23³
RNAV (GPS) Rwy 28³

NA when local weather not available.

¹Categories A, B, 900-2; Category C, 900-2¾.

²Categories A, B, 1000-2; Category C, 1000-2¾.

³Category C, 900-2¾.

WILMINGTON, OH

WILMINGTON

AIR PARK (ILN).....ILS or LOC Rwy 4L¹²
ILS or LOC Rwy 4R¹²
ILS or LOC Rwy 22L¹²
ILS or LOC Rwy 22R²³
RNAV (GPS) Rwy 4L⁴
RNAV (GPS) Rwy 22R⁴

NA when local weather not available.

¹ILS, NA when control tower closed.

²LOC, Category C, 800-2¼; Category D, 800-2½.

³NA when control tower closed.

⁴Category 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.

ZANESVILLE, OH

ZANESVILLE

MUNI (ZZV).....RNAV (GPS) Rwy 4¹
RNAV (GPS) Rwy 22¹
VOR Rwy 4¹
VOR Rwy 22²

NA when local weather not available.

¹Category D, 800-2¼.

²Categories A, B, 900-2; Category C, 900-2½;

Category D, 900-2¾.

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