

INSTRUMENT APPROACH PROCEDURE CHARTS

A 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. A procedure is not authorized for alternate flight planning purposes when local weather is not available.

MILITARY USERS NOTE: For IFR alternate airport and minima planning, refer to appropriate service directives.

Alternate Minima (ref: 14 CFR 91.169)

	Precision Approach	Non-Precision Approach
Standard	600-2	800-2
A 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	

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).

[illegible]

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 30¹
RNAV (GPS) Rwy 12
RNAV (GPS) Rwy 30

NA when local weather not available

¹NA 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.

[illegible]

BEDFORD, IN
VIRGIL I GRISSOM
MUNI (BFR).....RNAV (GPS) Rwy 13
RNAV (GPS) Rwy 31

NA when local weather not available.

BELLEFONTAINE, OH

BELLEFONTAINE
RGNL (EDJ).....VOR Rwy 7¹
VOR Rwy 25²

NA when local weather not available.

¹Category D, 900-2³/₄.

²Category C, 800-2¹/₄; Category D, 900-2³/₄.

BLOOMINGTON, IN

MONROE
COUNTY (BMG).....ILS or LOC/DME Rwy 35¹
RNAV (GPS) Rwy 17²
RNAV (GPS) Rwy 24²
RNAV (GPS) Rwy 35³

¹ILS, LOC, Category D, 800-2½.²NA when local weather not available.³Category 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.

NAME

ALTERNATE MINIMUMS

CHILLICOTHE, OH

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

NA when local weather not available.

Category C, 800-2¼; Category D, 900-2½.

CINCINNATI, OH

CINCINNATI MUNI/LUNKEN

FLD (LUK).....ILS or LOC Rwy 21¹²

RNAV (GPS) Rwy 3³

RNAV (GPS) Rwy 21³

RNAV (GPS) Rwy 25⁴

NA when local weather not available.

¹NA when control tower closed.

²LOC, Category B, 900-2; Category C, 900-2½;
Category D, 1000-3.

³Category B, 900-2; Category C, 900-2½;
Category D, 1000-3.

⁴Categories 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 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.

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.

NAME

ALTERNATE MINIMUMS

COLUMBUS, OH (CON'T)

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.

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

INDIANAPOLIS, IN (CON'T)

INDIANAPOLIS
EXEC (TYQ).....RNAV (GPS) Rwy 18
RNAV (GPS) Rwy 36
VOR Rwy 18

NA when local weather not available.

INDIANAPOLIS
INTL (IND).....ILS or LOC Rwy 5L¹
ILS or LOC Rwy 5R¹
ILS or LOC Rwy 14²
ILS or LOC Rwy 23L²
ILS or LOC Rwy 23R¹
ILS or LOC Rwy 32¹
RNAV (GPS) Y Rwy 5L³
RNAV (GPS) Y Rwy 5R³
RNAV (GPS) Y Rwy 14³
RNAV (GPS) Y Rwy 23L³
RNAV (GPS) Y Rwy 23R³
RNAV (GPS) Y Rwy 32³

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

²LOC, Category D, 800-2½.

³Category 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 16¹
RNAV (GPS) Rwy 25¹

NA when local weather not available.

¹Category D, 800-2½.

INDY SOUTH
GREENWOOD (HFY).....RNAV (GPS) Rwy 1¹
RNAV (GPS) Rwy 19²

¹Category D, 1100-3.

²NA 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.

NAME ALTERNATE MINIMUMS

KNOX, IN

STARKE COUNTY (OXI).....RNAV (GPS) Rwy 18
NA when local weather not available.
Category D, 800-2½.

KOKOMO, IN

KOKOMO MUNI (OKK).....RNAV (GPS) Rwy 5
RNAV (GPS) Rwy 14¹
RNAV (GPS) Rwy 23
RNAV (GPS) Rwy 32¹

NA when local weather not available.

¹Category 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 10¹²
RNAV (GPS) Rwy 10³⁴
RNAV (GPS) Rwy 28³⁴
VOR-A³⁴

¹LOC, Category D, 900-2¾.

²NA when control tower closed.

³NA when local weather not available.

⁴Category D, 900-2¾.

LANCASTER, OH

FAIRFIELD
COUNTY (LHQ).....RNAV (GPS) Rwy 10¹
RNAV (GPS) Rwy 28
VOR-A¹

NA when local weather not available.

¹Category 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 28¹

NA when local weather not available.

¹Category 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.

NAME ALTERNATE MINIMUMS

LORAIN/ELYRIA, OH

LORAIN COUNTY
RGNL (LPR).....**ILS or LOC Rwy 7¹**
VOR-A

NA when local weather not available.

¹ILS, Categories C, D, 700-2.

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 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, 800-2½.

⁴Category D, 800-2½.

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, 900-2½.

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.

NAME ALTERNATE MINIMUMS

MILLERSBURG, OH

HOLMES COUNTY (10G).....**RNAV (GPS) Rwy 9**
RNAV (GPS) Rwy 27

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, 900-2½; Category D, 900-2½.

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 32¹**
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, 900-2½.

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 9¹**
RNAV (GPS) Rwy 10
VOR-A³⁴

¹Category C, 900-2½; Category D, 900-2½.

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

Category D, 900-2½.

³Categories A, B, 1100-2; Categories C, D, 1100-3.

⁴NA when local weather not available.

OXFORD, OH

MIAMI
UNIVERSITY (OXD).....**RNAV (GPS) Rwy 5**
NA when local weather not available.

NAME ALTERNATE MINIMUMS

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.

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.

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.

NAME ALTERNATE MINIMUMS

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 18³⁴
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.

⁴NA 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.

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

¹LOC, NA when local weather not available.

²Category E, 800-2¼.

³NA when control tower closed.

⁴NA when local weather not available.

TOLEDO, OH

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.

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NAME ALTERNATE MINIMUMS

TOLEDO, OH (CON'T)

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

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, 900-2¼.
²Category D, 900-2¼.

VAN WERT, OH

VAN WERT
COUNTY (VNW).....RNAV (GPS) Rwy 9
RNAV (GPS) Rwy 27

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

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
RNAV (GPS) Rwy 36

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

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 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, 900-2¼.
²Categories A, B, 1000-2; Category C, 1000-2¼.
³Category C, 900-2¼.

WILMINGTON, OH

WILMINGTON
AIR PARK (ILN).....ILS or LOC Rwy 4L¹
ILS or LOC Rwy 22R¹
RNAV (GPS) Rwy 4L²
RNAV (GPS) Rwy 22R²

NA when local weather not available.
¹LOC, Category C, 800-2¼; Category D, 800-2¼.
²Category C, 800-2¼; Category D, 800-2¼.

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.

ZANESVILLE, OH

ZANESVILLE
MUNI (ZZV).....RNAV (GPS) Rwy 4
RNAV (GPS) Rwy 22

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

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