

A IFR ALTERNATE AIRPORT MINIMUMS

Pilots must review the IFR Alternate Minimums Notes to determine alternate airport suitability. **A**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 **A**NA 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. 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).

NAME ALTERNATE MINIMUMS

ALLENTOWN, PA

LEHIGH VALLEY
INTL (ABE).....**ILS or LOC Rwy 6¹**
ILS or LOC Rwy 13²
ILS or LOC/DME Rwy 24¹
RNAV (GPS) Rwy 6³
RNAV (GPS) Rwy 13³
RNAV (GPS) Rwy 24³
RNAV (GPS) Rwy 31³

¹LOC Cat C 800-2¼, Cat D 1300-3.
²ILS, LOC Cat A, B 900-2, Cat C 900-2½, Cat D 1300-3.
³Cat C 800-2¼, Cat D 1300-3.

QUEEN CITY

MUNI (XLL).....**RNAV (GPS) Rwy 7**
Cat C 1000-2¾.
NA when local weather not available.

ALTOONA, PA

ALTOONA/BLAIR
COUNTY (AOO).....**ILS or LOC Rwy 21¹**
RNAV (GPS) Rwy 21²
RNAV (GPS) Y Rwy 3²

NA when local weather not available.
¹LOC Cat C 1300-3, Cat D 1400-3.
²Cat C 1300-3, Cat D 1400-3.

NAME ALTERNATE MINIMUMS

BEAVER FALLS, PA

BEAVER
COUNTY (BVI).....**LOC Rwy 10¹**
VOR Rwy 28²

¹NA when control tower closed.
²Cat A, B 900-2, Cat C, D 900-2½.

BECKLEY, WV

RALEIGH COUNTY
MEML (BKW).....**ILS or LOC Rwy 19¹²**
RNAV (GPS) Rwy 1³
RNAV (GPS) Rwy 10³
RNAV (GPS) Rwy 19³
RNAV (GPS) Rwy 28⁴

NA when local weather not available.
¹LOC Cat C 900-2½, Cat D 1000-3.
²NA when AOCC closed.
³Cat C 900-2½, Cat D 1000-3.
⁴Cat A, B 900-2, Cat C 900-2½, Cat D 1000-3.

BEDFORD, PA

BEDFORD
COUNTY (HMZ).....**RNAV (GPS) Rwy 14¹**
RNAV (GPS) Rwy 23²³

¹Cat A, B 900-4, Cat C 1100-4, Cat D 1800-4.
²Cat C 1100-3.
³NA when local weather not available.

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NAME ALTERNATE MINIMUMS

BLUEFIELD, WV

MERCER COUNTY (BLF).....RNAV (GPS) Rwy 5¹
RNAV (GPS) Rwy 23²

NA when local weather not available.
¹Cat D 800-2½.
²Cat C 800-2¼, Cat D 800-2½.

BRADFORD, PA

BRADFORD
RGNL (BFD).....RNAV (GPS) Rwy 14
RNAV (GPS) Rwy 32

NA when local weather not available.

BUCKHANNON, WV

UPSHUR COUNTY
RGNL (W22).....RNAV (GPS) Rwy 11
RNAV (GPS) Rwy 29¹

Cat C 800-2¼.
¹NA when local weather not available.

BUTLER, PA

PITTSBURGH/BUTLER
RGNL (BTP).....ILS or LOC Rwy 8¹²
RNAV (GPS) Rwy 8³
RNAV (GPS) Rwy 26³

¹NA when local weather not available.
²LOC Cat C 900-2½, Cat D 900-2¾.
³Cat C 900-2½, Cat D 900-2¾.

CHARLESTON, WV

WEST VIRGINIA INTL
YEAGER (CRW).....ILS or LOC Rwy 5¹
RNAV (GPS) Y Rwy 5²
RNAV (GPS) Y Rwy 23³
RNAV (RNP) Z Rwy 23⁴
VOR-A²

¹LOC Cat C 900-2½, Cat D 1000-3.
²Cat C 900-2½, Cat D 1000-3.
³Cat C 900-2½, Cat D 900-2¾.
⁴NA when local weather not available.

CLARKSBURG, WV

NORTH CENTRAL
WEST VIRGINIA (CKB).....ILS or LOC Rwy 21¹²
RNAV (GPS) Rwy 3³
RNAV (GPS) Rwy 21⁴
VOR-A⁵⁶

¹NA when control tower closed.
²LOC Cat B 900-2, Cat C, D 1100-3.
³Cat B 900-2, Cat C, D 1100-3.
⁴Cat C, D 1100-3.
⁵Cat D 900-2¾.
⁶NA when local weather not available.

NAME ALTERNATE MINIMUMS

CLEARFIELD, PA

CLEARFIELD-
LAWRENCE (FIG).....RNAV (GPS) Rwy 12¹
RNAV (GPS) Rwy 30²

NA when local weather not available.
¹Cat C 900-2½.
²Cat C 900-2½, Cat D 1200-3.

COATESVILLE, PA

CHESTER COUNTY
G O CARLSON (MQS).....ILS or LOC Rwy 29¹
RNAV (GPS) Rwy 11²
RNAV (GPS) Rwy 29²

NA when local weather not available.
¹LOC Cat D 800-2½.
²Cat D 800-2½.

DOYLESTOWN, PA

DOYLESTOWN (DYL).....RNAV (GPS) Rwy 5
RNAV (GPS) Rwy 23

NA when local weather not available.

DUBOIS, PA

DUBOIS RGNL (DUJ).....ILS or LOC Rwy 25
RNAV (GPS) Rwy 7
RNAV (GPS) Rwy 25

NA when local weather not available.

ELKINS, WV

ELKINS/RANDOLPH COUNTY (JENNINGS
RANDOLPH FLD) (EKN).....LDA-C¹
RNAV (GPS) Rwy 5²
RNAV (GPS) Rwy 23³
RNAV (GPS)-A⁴

NA when local weather not available.
¹Cat A, B 1200-2, Cat C 1800-3, Cat D 2100-3.
²Cat A, B 1400-2, Cat C 1800-3, Cat D 2100-3.
³Cat A, B 1200-2, Cat C 1800-3, Cat D 1200-3.
⁴Cat A, B 1700-2, Cat C 1800-3.

ERIE, PA

ERIE INTL/TOM RIDGE
FLD (ERI).....ILS or LOC Rwy 6¹
ILS or LOC Rwy 24¹
RNAV (GPS) Rwy 6
RNAV (GPS) Rwy 24

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

FRANKLIN, PA

VENANGO RGNL (FKL).....ILS or LOC Rwy 21
RNAV (GPS) Rwy 3
RNAV (GPS) Rwy 21

NA when local weather not available.

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HARRISBURG, PA

CAPITAL CITY (CXY).....**ILS or LOC Rwy 8¹²³**
RNAV (GPS) Rwy 8²⁵
RNAV (GPS) Rwy 26³⁴

¹Cat A 1000-2, Cat B 1400-2, Cat C, D 1400-3.

²NA when control tower closed.

³NA when local weather not available.

⁴Cat A 1200-2, Cat B 1400-2, Cat C, D 1400-3.

⁵Cat A 900-2, Cat B 1400-2, Cat C, D 1400-3.

HARRISBURG

INTL (MDT).....**ILS or LOC Rwy 13¹**
ILS or LOC Rwy 31¹
RNAV (GPS) Rwy 13²
RNAV (GPS) Rwy 31³
VOR Rwy 31⁴

¹LOC Cat D 1200-3.

²Cat A, B, C, D 1300-5.

³Cat C 800-2¼, Cat D 1200-3.

⁴Cat A, B 1000-2, Cat C 1000-3, Cat D 1200-3.

HAZLETON, PA

HAZLETON RGNL (HZL).....**RNAV (GPS) Rwy 10**
RNAV (GPS) Rwy 28
 Cat C 900-2½, Cat D 1000-3.

HUNTINGTON, WV

TRI-STATE/MILTON J FERGUSON
 FLD (HTS).....**ILS or LOC Rwy 12¹**
ILS or LOC Rwy 30¹
RNAV (GPS) Rwy 12²
RNAV (GPS) Rwy 30²

¹LOC Cat D 1000-3.

²Cat D 1000-3.

INDIANA, PA

INDIANA COUNTY/JIMMY STEWART
 FLD (IDI).....**RNAV (GPS) Rwy 11**
RNAV (GPS) Rwy 29

NA when local weather not available.

Cat C, D 1300-3.

JOHNSTOWN, PA

JOHN MURTHA JOHNSTOWN/CAMBRIA
 COUNTY (JST).....**ILS or LOC Rwy 33¹²³**
RNAV (GPS) Rwy 5⁴
RNAV (GPS) Rwy 15⁴
RNAV (GPS) Rwy 23⁴
RNAV (GPS) Rwy 33⁴
VOR Rwy 5²⁴
VOR Y Rwy 15⁵
VOR Z Rwy 15⁴
VOR Y Rwy 23⁴
VOR Z Rwy 23⁴

¹NA when control tower closed.

²NA when local weather not available.

³LOC Cat D 800-2¼.

⁴Cat D 800-2¼.

⁵Cat A, B 1100-2, Cat C, D 1100-3.

NAME ALTERNATE MINIMUMS

LANCASTER, PA

LANCASTER (LNS).....**ILS or LOC Rwy 8¹²³**
RNAV (GPS) Rwy 8²
RNAV (GPS) Rwy 13²
RNAV (GPS) Rwy 26²
RNAV (GPS) Rwy 31²
VOR/DME Rwy 31²⁴
VOR/DME Rwy 8²
VOR/DME Rwy 26²⁴
VOR Rwy 8²⁵
VOR Rwy 31⁴

¹NA when control tower closed.

²NA when local weather not available.

³LOC Cat D 800-2¼.

⁴Cat D 800-2¼.

⁵Cat A, B 1000-2, Cat C, D 1000-3.

LATROBE, PA

ARNOLD PALMER
 RGNL (LBE).....**ILS or LOC Rwy 24¹²³**
RNAV (GPS) Rwy 6⁴
RNAV (GPS) Rwy 24⁴

¹NA when control tower closed.

²NA when local weather not available.

³LOC Cat A, B 1200-2, Cat C, D 1200-3.

⁴Cat C 900-2½, Cat D 900-2¾.

LEHIGHTON, PA

JAKE ARNER
 MEML (22N).....**RNAV (GPS) Rwy 8¹**
RNAV (GPS) Rwy 26²

¹Cat A, B 1100-2.

²Cat A 1000-2, Cat B 1300-2.

LEWISBURG, WV

GREENBRIER
 VALLEY (LWB).....**ILS or LOC Rwy 4¹²**
RNAV (GPS) Rwy 4¹³
RNAV (GPS) Rwy 22³

¹NA when local weather not available.

²LOC Cat C 1000-3, Cat D 1400-3.

³Cat C 1000-3, Cat D 1400-3.

LOGAN, WV

LOGAN
 COUNTY (6L4).....**RNAV (GPS) Rwy 6**
RNAV (GPS) Rwy 24

NA when local weather not available.

Cat C 1100-3.

MARTINSBURG, WV

EASTERN WV RGNL/SHEPHERD
 FLD (MRB).....**RNAV (GPS) Rwy 8¹**
RNAV (GPS) Rwy 26²³
VOR-A¹²

¹Cat D 800-2¼, Cat E 1600-3.

²NA when local weather not available.

³Cat D 900-2¾, Cat E 1600-3.

NAME ALTERNATE MINIMUMS

MEADVILLE, PA

PORT MEADVILLE (GKJ).....LOC Rwy 25¹
RNAV (GPS) Rwy 7
RNAV (GPS) Rwy 25

Cat B 900-2, Cat C 900-2½, Cat D 900-2¾.

¹NA when local weather not available.

MORGANTOWN, WV

MORGANTOWN MUNI/WALTER L BILL
HART FLD (MGW).....ILS or LOC Rwy 18¹²
RNAV (GPS) Y Rwy 18³⁴
RNAV (GPS) Z Rwy 18³⁴
RNAV (GPS) Rwy 36³⁵

¹NA when control tower closed.

²LOC Cat C 1000-2¾, Cat D 1400-3.

³NA when local weather not available.

⁴Cat C 1000-2¾, Cat D 1400-3.

⁵Cat C 1000-3, Cat D 1500-3.

MOUNT POCONO, PA

POCONO MOUNTAINS
RGNL (MPO).....RNAV (GPS) Rwy 5
RNAV (GPS) Rwy 13
RNAV (GPS) Rwy 31

NA when local weather not available.

Cat D 800-2½.

MYERSTOWN, PA

DECK (9D4).....RNAV (GPS) Rwy 19

NA when local weather not available.

NEW CASTLE, PA

NEW CASTLE
MUNI (UCP).....RNAV (GPS) Rwy 5
RNAV (GPS) Rwy 23

NA when local weather not available.

PARKERSBURG, WV

MID-OHIO VALLEY
RGNL (PKB).....RNAV (GPS) Rwy 3¹
RNAV (GPS) Rwy 10²
RNAV (GPS) Rwy 21¹
RNAV (GPS) Rwy 28¹

NA when local weather not available.

¹Cat C 800-2¼, Cat D 800-2½.

²Cat C, D 800-2½.

PETERSBURG, WV

GRANT COUNTY (W99).....RNAV (GPS)-C¹
RNAV (GPS) Y Rwy 31²
RNAV (GPS) Z Rwy 31³
VOR/DME-A⁴

NA when local weather not available.

¹Cat A, B 1500-2.

²Cat A, B 1800-2.

³Cat A, B 1200-2.

⁴Cat A, B 2200-2.

NAME ALTERNATE MINIMUMS

PHILADELPHIA, PA

NORTHEAST
PHILADELPHIA (PNE).....ILS or LOC Rwy 24¹²
RNAV (GPS) Rwy 6
RNAV (GPS) Rwy 15
RNAV (GPS) Rwy 24¹
RNAV (GPS) Rwy 33

NA when local weather not available.

¹NA when control tower closed.

²ILS Cat D 700-2.

PHILADELPHIA

INTL (PHL).....ILS V Rwy 9R (CONVERGING)¹
ILS V Rwy 17 (CONVERGING)¹
ILS or LOC Rwy 9L²
ILS or LOC Rwy 26³
ILS or LOC Rwy 27L²
ILS or LOC Rwy 27R²
ILS Z or LOC Z Rwy 9R⁴
ILS Z or LOC Rwy 17²
RNAV (GPS) Rwy 17⁵
RNAV (GPS) Rwy 27L⁵
RNAV (GPS) Rwy 27R⁵
RNAV (GPS) Rwy 35⁵⁶
RNAV (GPS) Y Rwy 9L⁵
RNAV (GPS) Y Rwy 9R⁵

¹Cat A, B, C, D 700-2.

²LOC Cat D 800-2¼.

³ILS Cat A, B, C 700-2.

⁴ILS Cat A, B, C 800-2, Cat D 800-2¼; LOC Cat D 800-2¼.

⁵Cat D 800-2¼.

⁶NA when local weather not available.

WINGS FLD (LOM).....RNAV (GPS) Rwy 6
RNAV (GPS) Rwy 24

NA when local weather not available.

PINEVILLE, WV

KEE FLD (I16).....RNAV (GPS) Rwy 26

NA when local weather not available.

Cat C 800-2½.

PITTSBURGH, PA

ALLEGHENY
COUNTY (AGC).....ILS or LOC Rwy 10¹
ILS or LOC Rwy 28¹²
RNAV (GPS) Rwy 10³
RNAV (GPS) Rwy 28²³

¹LOC Cat D 800-2¼.

²NA when control tower closed.

³Cat D 800-2¼.

NAME ALTERNATE MINIMUMS

PITTSBURGH, PA (CON'T)

PITTSBURGH
 INTL (PIT).....**ILS or LOC Rwy 10L¹**
 ILS or LOC Rwy 10R¹
 ILS or LOC Rwy 28L¹
 ILS or LOC Rwy 28R¹
 ILS or LOC Rwy 32¹
 RNAV (GPS) Rwy 10L²
 RNAV (GPS) Rwy 14²
 RNAV (GPS) Y Rwy 10C²
 RNAV (GPS) Y Rwy 10R²
 RNAV (GPS) Y Rwy 28C²
 RNAV (GPS) Y Rwy 28L²
 RNAV (GPS) Y Rwy 28R²
 RNAV (GPS) Y Rwy 32²

¹LOC Cat D 800-2¼, Cat E 800-2½.
²Cat D 800-2¼.

POINT PLEASANT, WV

MASON COUNTY (312).....**RNAV (GPS) Rwy 7¹**
 RNAV (GPS) Rwy 25²

NA when local weather not available.
¹Cat A, B 1300-2, Cat C, D 1300-3.
²Cat A, B 1100-2, Cat C, D 1100-3.

POTTSTOWN, PA

HERITAGE FLD (PTW).....**LOC Rwy 28**
 RNAV (GPS)-A
 RNAV (GPS) Rwy 28
 VOR/DME-A

NA when local weather not available.

QUAKERTOWN, PA

QUAKERTOWN (UKT).....**RNAV (GPS) Rwy 11**
 RNAV (GPS) Rwy 29

NA when local weather not available.

READING, PA

READING RGNL/CARL A
 SPAATZ FLD (RDG).....**ILS or LOC Rwy 13¹²**
 ILS or LOC Rwy 36¹²
 RNAV (GPS) Rwy 13³
 RNAV (GPS) Rwy 18³
 RNAV (GPS) Rwy 31⁴
 RNAV (GPS) Rwy 36³

NA when local weather not available.
¹NA when control tower closed.
²LOC Cat C 1000-2¼, Cat D 1400-3.
³Cat C 1000-2¼, Cat D 1400-3.
⁴Cat A, B 1100-2, Cat C 1100-3, Cat D 1400-3.

REEDSVILLE, PA

MIFFLIN
 COUNTY (RVL).....**RNAV (GPS) Rwy 6¹**
 RNAV (GPS) Rwy 24²

NA when local weather not available.
¹Cat C, D 800-2½.
²Cat A, B, C, D 1100-4.

NAME ALTERNATE MINIMUMS

ST MARYS, PA

ST MARYS
 MUNI (OYM).....**RNAV (GPS) Rwy 10¹**
 RNAV (GPS) Rwy 28²

NA when local weather not available.
¹Cat C 800-2¼, Cat D 1000-3.
²Cat A, B 900-2, Cat C 900-2½, Cat D 1000-3.

SELINGROVE, PA

PENN VALLEY (SEG).....**RNAV (GPS) Rwy 17¹²**
 RNAV (GPS) Rwy 35¹³
 VOR-A⁴

¹NA when local weather not available.
²Cat A, B 1000-2, Cat C 1000-3, Cat D 1200-3.
³Cat A, B 1400-2, Cat C, D 1400-3.
⁴Cat A, B 1000-2.

SOMERSET, PA

SOMERSET COUNTY (2G9).....**LOC Rwy 25**

NA when local weather not available.
 Cat C, D 1300-3.

STATE COLLEGE, PA

STATE COLLEGE
 RGNL (UNV).....**ILS or LOC Rwy 24¹**
 RNAV (GPS) Rwy 6²
 RNAV (GPS) Rwy 24²

NA when local weather not available.
¹LOC Cat C 800-2¼, Cat D 1400-3.
²Cat C 800-2¼, Cat D 1400-3.

WASHINGTON, PA

WASHINGTON
 COUNTY (AFJ).....**RNAV (GPS) Rwy 9¹**
 RNAV (GPS) Rwy 27²

NA when local weather not available.
¹Cat B 900-2, Cat C 900-2½, Cat D 900-2¼.
²Cat A, B, C, D 1000-4.

WELLSBORO, PA

GRAND CANYON
 RGNL (N38).....**RNAV (GPS) Rwy 10¹**
 RNAV (GPS) Rwy 28²

NA when local weather not available.
¹Cat A, B 900-2, Cat C 900-2½.
²Cat C 900-2½.

WHEELING, WV

WHEELING OHIO
 COUNTY (HLG).....**ILS or LOC Rwy 3¹²**
 RNAV (GPS) Rwy 3³
 RNAV (GPS) Rwy 16³
 RNAV (GPS) Rwy 21³
 RNAV (GPS) Rwy 34³
 VOR Rwy 21³

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

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WEST CHESTER, PA

BRANDYWINE
RGNL (OQN).....RNAV (GPS) Rwy 27
RNAV (GPS) Y Rwy 9
RNAV (GPS) Z Rwy 9
VOR-A

NA when local weather not available.

WILKES-BARRE/SCRANTON, PA

WILKES-BARRE/SCRANTON
INTL (AVP).....ILS or LOC Rwy 4¹
ILS or LOC Rwy 22²
RNAV (GPS) Rwy 4³
RNAV (GPS) Rwy 22³

¹ILS, LOC Cat A 900-2, Cat B 1100-2, Cat C 1100-3, Cat D 1400-3.

²LOC Cat A 900-2, Cat B 1100-2, Cat C 1100-3, Cat D 1400-3.

³Cat A 900-2, Cat B 1100-2, Cat C 1100-3, Cat D 1400-3.

WILLIAMSPORT, PA

WILLIAMSPORT
RGNL (IPT).....ILS or LOC Rwy 27¹²
RNAV (GPS) Rwy 9³
RNAV (GPS) Rwy 12⁴
RNAV (GPS) Rwy 27⁵
RNAV (GPS) Rwy 30⁶

¹NA when local control tower closed.

²ILS, LOC Cat A, B 1000-2, Cat C 1400-3, Cat D 1600-3.

³Cat A, B 1600-2, Cat C 1600-3.

⁴Cat A 900-2, Cat B 1000-2.

⁵Cat A, B 1800-2, Cat C, D 1800-3.

⁶Cat A, B 1500-2.

YORK, PA

YORK (THV).....RNAV (GPS) Rwy 17
RNAV (GPS) Rwy 35

NA when local weather not available.

Cat C 800-2¼.

ZELIENOPLE, PA

ZELIENOPLE
MUNI (PJC).....RNAV (GPS) Rwy 17¹
RNAV (GPS) Rwy 35²

NA when local weather not available.

¹Cat A, B 900-2.

²Cat B 900-2.

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