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**
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, ASR, RNAV (GPS) and RNAV (RNP).

NAME — ALTERNATE MINIMUMS

ALLENTOWN, PA

LEHIGH VALLEY INTL (ABE)..... **ILS or LOC Rwy 6[1]**
ILS or LOC Rwy 13[2]
ILS or LOC/DME Rwy 24[1]
RNAV (GPS) Rwy 6[3]
RNAV (GPS) Rwy 13[3]
RNAV (GPS) Rwy 24[3]
RNAV (GPS) Rwy 31[3]

[1]LOC Cat C 800-2¼, Cat D 1300-3.
[2]ILS, LOC Cat A, B 900-2, Cat C 900-2½, Cat D 1300-3.
[3]Cat 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 21[1]**
RNAV (GPS) Rwy 21[2]
RNAV (GPS) Y Rwy 3[2]

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

NAME — ALTERNATE MINIMUMS

BEAVER FALLS, PA

BEAVER COUNTY (BVI)..... **LOC Rwy 10[1]**
VOR Rwy 28[2]

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

BECKLEY, WV

RALEIGH COUNTY MEML (BKW)..... **ILS or LOC Rwy 19[12]**
RNAV (GPS) Rwy 1[3]
RNAV (GPS) Rwy 10[3]
RNAV (GPS) Rwy 19[3]
RNAV (GPS) Rwy 28[4]

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

BEDFORD, PA

BEDFORD COUNTY (HMZ)..... **RNAV (GPS) Rwy 14[1]**
RNAV (GPS) Rwy 32[23]

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

NAME — ALTERNATE MINIMUMS

BLUEFIELD, WV
MERCER COUNTY (BLF)……**RNAV (GPS) Rwy 5**[1]
RNAV (GPS) Rwy 23[2]
NA when local weather not available.
[1]Cat D 800-2¼.
[2]Cat 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 29[1]
Cat C 800-2¼.
[1]NA when local weather not available.

BUTLER, PA
PITTSBURGH/BUTLER
RGNL (BTP)…… **ILS or LOC Rwy 8**[12]
RNAV (GPS) Rwy 8[3]
RNAV (GPS) Rwy 26[3]
[1]NA when local weather not available.
[2]LOC Cat C 900-2½, Cat D 900-2¾.
[3]Cat C 900-2½, Cat D 900-2¾.

CHARLESTON, WV
WEST VIRGINIA INTL
YEAGER (CRW)……**ILS or LOC Rwy 5**[1]
RNAV (GPS) Y Rwy 5[2]
RNAV (GPS) Y Rwy 23[3]
RNAV (RNP) Z Rwy 23[4]
VOR-A[2]
[1]LOC Cat C 900-2½, Cat D 1000-3.
[2]Cat C 900-2½, Cat D 1000-3.
[3]Cat C 900-2½, Cat D 900-2¾.
[4]NA when local weather not available.

CLARKSBURG, WV
NORTH CENTRAL
WEST VIRGINIA (CKB)……**ILS or LOC Rwy 21**[12]
RNAV (GPS) Rwy 3[3]
RNAV (GPS) Rwy 21[4]
VOR-A[56]
[1]NA when control tower closed.
[2]LOC Cat B 900-2, Cat C, D 1100-3.
[3]Cat B 900-2, Cat C, D 1100-3.
[4]Cat C, D 1100-3.
[5]Cat D 900-2¾.
[6]NA when local weather not available.

NAME — ALTERNATE MINIMUMS

CLEARFIELD, PA
CLEARFIELD-
LAWRENCE (FIG)……**RNAV (GPS) Rwy 12**[1]
RNAV (GPS) Rwy 30[2]
NA when local weather not available.
[1]Cat C 900-2½.
[2]Cat C 900-2½, Cat D 1200-3.

COATESVILLE, PA
CHESTER COUNTY
G O CARLSON (MQS)……**ILS or LOC Rwy 29**[1]
RNAV (GPS) Rwy 11[2]
RNAV (GPS) Rwy 29[2]
NA when local weather not available.
[1]LOC Cat D 800-2½.
[2]Cat 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-C**[1]
RNAV (GPS) Rwy 5[2]
RNAV (GPS) Rwy 23[3]
RNAV (GPS)-A[4]
NA when local weather not available.
[1]Cat A, B 1200-2, Cat C 1800-3, Cat D 2100-3.
[2]Cat A, B 1400-2, Cat C 1800-3, Cat D 2100-3.
[3]Cat A, B 1200-2, Cat C 1800-3, Cat D 1200-3.
[4]Cat A, B 1700-2, Cat C 1800-3.

ERIE, PA
ERIE INTL/TOM RIDGE
FLD (ERI)…… **ILS or LOC Rwy 6**[1]
ILS or LOC Rwy 24[1]
RNAV (GPS) Rwy 6
RNAV (GPS) Rwy 24
NA when local weather not available.
[1]NA 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.

NAME — ALTERNATE MINIMUMS

HARRISBURG, PA

CAPITAL CITY (CXY)..... **ILS or LOC Rwy 8[12]**
RNAV (GPS) Rwy 8[13]
RNAV (GPS) Rwy 26[4]

NA when local weather not available.
[1]NA when control tower closed.
[2]LOC Cat A, B 1000-2, Cat C, D 1200-3.
[3]Cat D 900-2¾.
[4]Cat A 1200-2, Cat B 1400-2, Cat C, D 1400-3.

HARRISBURG
INTL (MDT)..... **ILS or LOC Rwy 13[1]**
ILS or LOC Rwy 31[1]
RNAV (GPS) Rwy 13[2]
RNAV (GPS) Rwy 31[3]

[1]LOC Cat D 1200-3.
[2]Cat A, B, C, D 1300-5.
[3]Cat C 800-2½, 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 12[1]**
ILS or LOC Rwy 30[1]
RNAV (GPS) Rwy 12[2]
RNAV (GPS) Rwy 30[2]

[1]LOC Cat D 1000-3.
[2]Cat 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 33[123]**
RNAV (GPS) Rwy 5[4]
RNAV (GPS) Rwy 15[4]
RNAV (GPS) Rwy 23[4]
RNAV (GPS) Rwy 33[4]
VOR Rwy 5[24]
VOR Y Rwy 15[5]
VOR Z Rwy 15[4]
VOR Y Rwy 23[4]
VOR Z Rwy 23[4]

[1]NA when control tower closed.
[2]NA when local weather not available.
[3]LOC Cat D 800-2¼.
[4]Cat D 800-2¼.
[5]Cat A, B 1100-2, Cat C, D 1100-3.

NAME — ALTERNATE MINIMUMS

LANCASTER, PA

LANCASTER (LNS)..... **ILS or LOC Rwy 8[123]**
RNAV (GPS) Rwy 8[2]
RNAV (GPS) Rwy 13[2]
RNAV (GPS) Rwy 26[2]
RNAV (GPS) Rwy 31[2]
VOR/DME Rwy 31[24]
VOR/DME Rwy 8[2]
VOR/DME Rwy 26[24]
VOR Rwy 8[25]
VOR Rwy 31[4]

[1]NA when control tower closed.
[2]NA when local weather not available.
[3]LOC Cat D 800-2¼.
[4]Cat D 800-2¼.
[5]Cat A, B 1000-2, Cat C, D 1000-3.

LATROBE, PA

ARNOLD PALMER
RGNL (LBE)..... **ILS or LOC Rwy 24[123]**
RNAV (GPS) Rwy 6[4]
RNAV (GPS) Rwy 24[4]

[1]NA when control tower closed.
[2]NA when local weather not available.
[3]LOC Cat A, B 1200-2, Cat C, D 1200-3.
[4]Cat C 900-2½, Cat D 900-2¾.

LEHIGHTON, PA

JAKE ARNER
MEML (22N)..... **RNAV (GPS) Rwy 8[1]**
RNAV (GPS) Rwy 26[2]

[1]Cat A, B 1100-2.
[2]Cat A 1000-2, Cat B 1300-2.

LEWISBURG, WV

GREENBRIER
VALLEY (LWB)..... **ILS or LOC Rwy 4[12]**
RNAV (GPS) Rwy 4[13]
RNAV (GPS) Rwy 22[3]

[1]NA when local weather not available.
[2]LOC Cat C 1000-3, Cat D 1400-3.
[3]Cat 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.

NAME — ALTERNATE MINIMUMS

MARTINSBURG, WV

EASTERN WV RGNL/SHEPHERD FLD (MRB)..... **RNAV (GPS) Rwy 8**[1]
RNAV (GPS) Rwy 26[23]
VOR-A[12]

[1]Cat D 800-2¼, Cat E 1600-3.
[2]NA when local weather not available.
[3]Cat D 900-2¾, Cat E 1600-3.

MEADVILLE, PA

PORT MEADVILLE (GKJ)..... **LOC Rwy 25**[1]
RNAV (GPS) Rwy 7
RNAV (GPS) Rwy 25

Cat B 900-2, Cat C 900-2½, Cat D 900-2¾.
[1]NA when local weather not available.

MORGANTOWN, WV

MORGANTOWN MUNI/WALTER L BILL HART FLD (MGW)..... **ILS or LOC Rwy 18**[12]
RNAV (GPS) Y Rwy 18[34]
RNAV (GPS) Z Rwy 18[34]
RNAV (GPS) Rwy 36[35]

[1]NA when control tower closed.
[2]LOC Cat C 1000-2¾, Cat D 1400-3.
[3]NA when local weather not available.
[4]Cat C 1000-2¾, Cat D 1400-3.
[5]Cat 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 3**[1]
RNAV (GPS) Rwy 10[2]
RNAV (GPS) Rwy 21[1]
RNAV (GPS) Rwy 28[1]

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

NAME — ALTERNATE MINIMUMS

PETERSBURG, WV

GRANT COUNTY (W99)..... **RNAV (GPS)-C**[1]
RNAV (GPS) Y Rwy 31[2]
RNAV (GPS) Z Rwy 31[3]
VOR/DME-A[4]

NA when local weather not available.
[1]Cat A, B 1500-2.
[2]Cat A, B 1800-2.
[3]Cat A, B 1200-2.
[4]Cat A, B 2200-2.

PHILADELPHIA, PA

NORTHEAST PHILADELPHIA (PNE)..... **ILS or LOC Rwy 24**[12]
RNAV (GPS) Rwy 6
RNAV (GPS) Rwy 15
RNAV (GPS) Rwy 24[1]
RNAV (GPS) Rwy 33

NA when local weather not available.
[1]NA when control tower closed.
[2]ILS Cat D 700-2.

PHILADELPHIA INTL (PHL)..... **ILS V Rwy 9R (CONVERGING)**[1]
ILS V Rwy 17 (CONVERGING)[1]
ILS or LOC Rwy 9L[2]
ILS or LOC Rwy 26[3]
ILS or LOC Rwy 27L[2]
ILS or LOC Rwy 27R[2]
ILS Z or LOC Z Rwy 9R[4]
ILS Z or LOC Rwy 17[2]
RNAV (GPS) Rwy 17[5]
RNAV (GPS) Rwy 27L[5]
RNAV (GPS) Rwy 27R[5]
RNAV (GPS) Rwy 35[56]
RNAV (GPS) Y Rwy 9L[5]
RNAV (GPS) Y Rwy 9R[5]

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

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

NA when local weather not available.

PINEVILLE, PA

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

NA when local weather not available.
Cat C 800-2½.

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NAME ALTERNATE MINIMUMS

PITTSBURGH, PA

ALLEGHENY
COUNTY (AGC)..... **ILS or LOC Rwy 10**[1]
ILS or LOC Rwy 28[12]
RNAV (GPS) Rwy 10[3]
RNAV (GPS) Rwy 28[23]

[1]LOC Cat D 800-2¼.
[2]NA when control tower closed.
[3]Cat D 800-2¼.

PITTSBURGH
INTL (PIT)..... **ILS or LOC Rwy 10L**[1]
ILS or LOC Rwy 10R[1]
ILS or LOC Rwy 28L[1]
ILS or LOC Rwy 28R[1]
ILS or LOC Rwy 32[1]
RNAV (GPS) Rwy 10L[2]
RNAV (GPS) Rwy 14[2]
RNAV (GPS) Y Rwy 10C[2]
RNAV (GPS) Y Rwy 10R[2]
RNAV (GPS) Y Rwy 28C[2]
RNAV (GPS) Y Rwy 28L[2]
RNAV (GPS) Y Rwy 28R[2]
RNAV (GPS) Y Rwy 32[2]

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

POTTSTOWN, PA

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

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 13**[12]
ILS or LOC Rwy 36[12]
RNAV (GPS) Rwy 13[3]
RNAV (GPS) Rwy 18[4]
RNAV (GPS) Rwy 31[5]
RNAV (GPS) Rwy 36[4]

NA when local weather not available.
[1]NA when control tower closed.
[2]LOC Cat C 1000-2¾, Cat D 1400-3.
[3]Cat A, B 900-2½, Cat C 1000-2¾.
[4]Cat C 1000-2¾, Cat D 1400-3.
[5]Cat A, B 1100-2, Cat C 1100-3, Cat D 1400-3.

NAME ALTERNATE MINIMUMS

REEDSVILLE, PA

MIFFLIN
COUNTY (RVL)..... **RNAV (GPS) Rwy 6**[1]
RNAV (GPS) Rwy 24[2]

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

ST MARYS, PA

ST MARYS
MUNI (OYM)..... **RNAV (GPS) Rwy 10**[1]
RNAV (GPS) Rwy 28[2]

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

SELINSGROVE, PA

PENN VALLEY (SEG)..... **RNAV (GPS) Rwy 17**[1]
RNAV (GPS) Rwy 35[2]

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

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 24**[1]
RNAV (GPS) Rwy 6[2]
RNAV (GPS) Rwy 24[2]

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

WASHINGTON, PA

WASHINGTON
COUNTY (AFJ)..... **RNAV (GPS) Rwy 9**[1]
RNAV (GPS) Rwy 27[2]

NA when local weather not available.
[1]Cat B 900-2, Cat C 900-2½, Cat D 900-2¾.
[2]Cat A, B, C, D 1000-4.

WELLSBORO, PA

GRAND CANYON
RGNL (N38)..... **RNAV (GPS) Rwy 10**[1]
RNAV (GPS) Rwy 28[2]

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

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NAME ALTERNATE MINIMUMS

WHEELING, WV

WHEELING OHIO COUNTY (HLG)..... **ILS or LOC Rwy 3[1,2]**
RNAV (GPS) Rwy 3[3]
RNAV (GPS) Rwy 16[3]
RNAV (GPS) Rwy 21[3]
RNAV (GPS) Rwy 34[3]
VOR Rwy 21[3]

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

WEST CHESTER, PA

BRANDYWINE RGNL (OQN)..... **RNAV (GPS) Rwy 27**
RNAV (GPS) Y Rwy 9
RNAV (GPS) Z Rwy 9

NA when local weather not available.

WILKES-BARRE/SCRANTON, PA

WILKES-BARRE/SCRANTON INTL (AVP)..... **ILS or LOC Rwy 4[1]**
ILS or LOC Rwy 22[2]
RNAV (GPS) Rwy 4[3]
RNAV (GPS) Rwy 22[3]

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

WILLIAMSPORT, PA

WILLIAMSPORT RGNL (IPT)..... **ILS or LOC Rwy 27[1,2]**
RNAV (GPS) Rwy 9[3]
RNAV (GPS) Rwy 12[4]
RNAV (GPS) Rwy 27[5]
RNAV (GPS) Rwy 30[6]

[1]NA when local control tower closed.
[2]ILS, LOC Cat A, B 1000-2, Cat C 1400-3, Cat D 1600-3.
[3]Cat A, B 1600-2, Cat C 1600-3.
[4]Cat A 900-2, Cat B 1000-2.
[5]Cat A, B 1800-2, Cat C, D 1800-3.
[6]Cat 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.

NAME ALTERNATE MINIMUMS

ZELIENOPLE, PA

ZELIENOPLE MUNI (PJC)..... ...**RNAV (GPS) Rwy 17[1]**
RNAV (GPS) Rwy 35[2]

NA when local weather not available.
[1]Cat A, B 900-2.
[2]Cat B 900-2.

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