

INSTRUMENT APPROACH PROCEDURE CHARTS

A 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 **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.

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	
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

ASHLAND, KY

ASHLAND
 RGNL (DWU).....RNAV (GPS) Rwy 10
 RNAV (GPS) Rwy 28
 NA when local weather not available.
 Category B, 900-2; Category C, 900-2½;
 Category D, 900-2¾.

ATHENS, TN

MCMINN COUNTY (MMI).....RNAV (GPS) Rwy 2¹
 RNAV (GPS) Rwy 20²
 NA when local weather not available.
¹Category D, 1000-3.
²Categories A, B, C, 900-2½; Category D, 1000-3.

BARDSTOWN, KY

SAMUELS FLD (BRY).....RNAV (GPS) Rwy 3¹
 RNAV (GPS) Rwy 21¹
 VOR Rwy 3
 Category D, 900-2¾.
¹NA when local weather not available.

BOWLING GREEN, KY

BOWLING GREEN-WARREN COUNTY
 RGNL (BWG).....RNAV (GPS) Rwy 3
 RNAV (GPS) Rwy 21
 NA when local weather not available.

NAME ALTERNATE MINIMUMS

BRISTOL/JOHNSON/KINGSPORT, TN

TRI-CITIES (TRI).....ILS or LOC Rwy 5¹²
 ILS or LOC Rwy 23¹³
 RNAV (GPS) Rwy 5⁴
 RNAV (GPS) Rwy 9⁵
 RNAV (GPS) Rwy 23⁶
 RNAV (GPS) Rwy 27⁴

- ¹NA when control tower closed.
- ²LOC, Category C, 900-2¾; Category D, 1000-3.
- ³LOC, Categories A, B, 1000-2; Categories C, D, 1000-3.
- ⁴Category C, 900-2¾; Category D, 1000-3.
- ⁵Category C, 800-2¾; Category D, 1000-3.
- ⁶NA when local weather not available.

CHATTANOOGA, TN

LOVELL FLD (CHA).....ILS or LOC Rwy 2¹²
 ILS or LOC Rwy 20¹²
 RNAV (GPS) Rwy 2³
 RNAV (GPS) Rwy 15⁴
 RNAV (GPS) Rwy 20³
 RNAV (GPS) Rwy 33⁵

- ¹NA when control tower closed.
- ²LOC, Category C, 900-2¾; Category D, 900-3.
- ³Category C, 900-2½; Category D, 900-3.
- ⁴Category C, 800-2¾; Category D, 900-3.
- ⁵Categories A, B, 900-2; Category C, 900-2½; Category D, 900-3.

NAME ALTERNATE MINIMUMS

CLARKSVILLE, TN

OUTLAW FLD (CKV).....**LOC Rwy 35**
RNAV (GPS) Rwy 17
RNAV (GPS) Rwy 35

NA when local weather not available.

CLEVELAND, TN

CLEVELAND RGNL
JETPORT (RZR).....**RNAV (GPS) Rwy 3¹**
RNAV (GPS) Rwy 21

Category D, 1000-3.

¹NA when local weather not available.

COLUMBIA/MOUNT PLEASANT, TN

MAURY COUNTY
RGNL (MRC).....**RNAV (GPS) Rwy 6¹**
RNAV (GPS) Rwy 24²

NA when local weather not available.

¹Category D, 1000-3.

²Category A, B, C, 800-2¼; Category D, 1000-3.

COVINGTON, KY

CINCINNATI/NORTHERN KENTUCKY
INTL (CVG).....**ILS or LOC Rwy 18R**
ILS or LOC Rwy 36C
ILS or LOC Rwy 36L
ILS or LOC Rwy 36R

ILS, Category D, 700-2.

COVINGTON, TN

COVINGTON MUNI (M04).....**RNAV (GPS) Rwy 1**
RNAV (GPS) Rwy 19

NA when local weather not available.

Category D, 800-2¼.

CROSSVILLE, TN

CROSSVILLE MEML-WHITSON
FLD (CSV).....**ILS Y or LOC Y Rwy 26**
ILS Z or LOC Z Rwy 26
RNAV (GPS) Rwy 26

NA when local weather not available.

DANVILLE, KY

STUART POWELL FLD (DVK).....**LOC Rwy 31¹**
RNAV (GPS) Rwy 13
RNAV (GPS) Rwy 31¹

NA when local weather not available.

¹Category D, 900-2¼.

DYERSBURG, TN

DYERSBURG RGNL (DYR).....**RNAV (GPS) Rwy 4**
RNAV (GPS) Rwy 22

NA when local weather not available.

Category D, 1000-3.

NAME ALTERNATE MINIMUMS

ELIZABETHTON, TN

ELIZABETHTON
MUNI (0A9).....**RNAV (GPS) Rwy 6**

NA when local weather not available.

Categories A, 1500-2; Category B, 1600-2;

Category C, 1700-3.

ELIZABETHTOWN, KY

ADDINGTON FLD (EKX).....**ILS or LOC Rwy 5¹**
RNAV (GPS) Rwy 5²
RNAV (GPS) Rwy 23

NA when local weather not available.

¹LOC, Category D, 1000-3.

²Category D, 1000-3.

FLEMINGSBURG, KY

FLEMING-
MASON (FGX).....**RNAV (GPS) Rwy 7**
RNAV (GPS) Rwy 25

NA when local weather not available.

FRANKFORT, KY

CAPITAL CITY (FFT).....**RNAV (GPS) Rwy 7**
RNAV (GPS) Rwy 25

NA when local weather not available.

GALLATIN, TN

MUSIC CITY
EXEC (XNX).....**RNAV (GPS) Rwy 17**
RNAV (GPS) Rwy 35¹
VOR-A

Category D, 800-2¼.

¹NA when local weather not available.

GLASGOW, KY

GLASGOW MUNI (GLW).....**RNAV (GPS) Rwy 8**
RNAV (GPS) Rwy 26¹

NA when local weather not available.

¹Category D, 900-2¼.

GREENVILLE, TN

GREENVILLE
MUNI (GCY).....**RNAV (GPS) Rwy 5**

NA when local weather not available.

Category D, 800-2¼.

HARLAN, KY

TUCKER-GUTHRIE
MEML (I35).....**RNAV (GPS)-A**

NA when local weather not available.

Categories A, B, 1400-2; Category C, 1800-3.

HARTFORD, KY

OHIO COUNTY (JQD).....**RNAV (GPS) Rwy 3**
RNAV (GPS) Rwy 21

NA when local weather not available.

Category C, 800-2¼.

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NAME ALTERNATE MINIMUMS

HAZARD, KY

WENDELL H FORD (CPF).....LOC Rwy 14¹
RNAV (GPS) Rwy 14²
RNAV (GPS) Rwy 32²

¹Category C, 900-2¼; Category D, 900-3.
²Category C, 900-2¼; Category D, 900-2½.

HENDERSON, KY

HENDERSON
CITY-COUNTY (EHR).....RNAV (GPS) Rwy 9
RNAV (GPS) Rwy 27

NA when local weather not available.

JACKSON, KY

JULIAN
CARROLL (JKL).....RNAV (GPS) Rwy 1

NA when local weather not available.

JACKSON, TN

MC KELLAR-
SIPES RGNL (MKL).....ILS or LOC Rwy 2
RNAV (GPS) Rwy 2
RNAV (GPS) Rwy 20
VOR Rwy 2¹

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

KNOXVILLE, TN

KNOXVILLE DOWNTOWN
ISLAND (DKX).....LOC Rwy 26
RNAV (GPS) Rwy 26
VOR-B

NA when local weather not available.
Categories A, B, 900-2; Category C, 900-2¾.

MC GHEE TYSON (TYS).....ILS or LOC Rwy 5L¹
ILS or LOC Rwy 23L²
ILS or LOC Rwy 23R³
RADAR-1⁴
RNAV (GPS) Rwy 5L⁵
RNAV (GPS) Rwy 5R⁵
RNAV (GPS) Rwy 23L⁵
RNAV (GPS) Rwy 23R⁵
VOR Rwy 23L⁵
VOR Rwy 23R⁵

¹LOC, Category D, 1000-3.
²ILS, Categories B, C, 700-2; Category D, 1000-3;
LOC, Category D, 1000-3.
³LOC, Categories D, E, 1000-3.
⁴Categories D, E, 1000-3.
⁵Category D, 1000-3.

LEWISPORT, KY

HANCOCK COUNTY/RON LEWIS
FLD (KY8).....RNAV (GPS) Rwy 23

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

NAME ALTERNATE MINIMUMS

LEXINGTON, KY

BLUE GRASS (LEX).....ILS or LOC Rwy 4
ILS or LOC Rwy 22
RNAV (GPS) Rwy 4
RNAV (GPS) Rwy 9
RNAV (GPS) Rwy 22
RNAV (GPS) Rwy 27
VOR-A

NA when local weather not available.

LEXINGTON-PARSONS, TN

BEECH RIVER
RGNL (PVE).....RNAV (GPS) Rwy 1
RNAV (GPS) Rwy 19

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

LIVINGSTON, TN

LIVINGSTON MUNI (8A3).....RNAV (GPS) Rwy 3
RNAV (GPS) Rwy 21
VOR/DME Rwy 21

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

LONDON, KY

LONDON/CORBIN/
MAGEE (LOZ).....ILS or LOC Rwy 6¹
RNAV (GPS) Rwy 6²
RNAV (GPS) Rwy 24³
VOR Rwy 6²

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

LOUISVILLE, KY

BOWMAN FLD (LOU).....NDB Rwy 33
RNAV (GPS) Rwy 24
RNAV (GPS) Rwy 33

NA when local weather not available.

LOUISVILLE MUHAMMAD ALI

INTL (SDF).....ILS or LOC Rwy 17L¹
ILS or LOC Rwy 17R¹
ILS or LOC Rwy 35L¹
ILS or LOC Rwy 35R¹
LOC Rwy 29²
RNAV (GPS) Rwy 29²
RNAV (GPS) Y Rwy 17L²
RNAV (GPS) Y Rwy 17R²
RNAV (GPS) Y Rwy 35L²
RNAV (GPS) Y Rwy 35R²

¹LOC, Category D, 900-3.
²Category D, 900-3.

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NAME ALTERNATE MINIMUMS

MADISONVILLE, KY

MADISONVILLE
RGNL (210).....RNAV (GPS) Rwy 5
RNAV (GPS) Rwy 23

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

MADISONVILLE, TN

MONROE COUNTY (MNV).....RNAV (GPS) Rwy 5
NA when local weather not available.

MARION, KY

MARION-CRITTENDEN COUNTY JAMES C
JOHNSON RGNL (GDA).....RNAV (GPS) Rwy 7
RNAV (GPS) Rwy 25

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

MAYFIELD, KY

MAYFIELD GRAVES
COUNTY (M25).....RNAV (GPS) Rwy 19
NA when local weather not available.

Category D, 800-2½.

MC MINNVILLE, TN

WARREN COUNTY
MEML (RNC).....RNAV (GPS) Rwy 5
RNAV (GPS) Rwy 23

NA when local weather not available.

MEMPHIS, TN

MEMPHIS INTL (MEM).....ILS or LOC Rwy 9¹
ILS or LOC Rwy 18C¹
ILS or LOC Rwy 18L¹
ILS or LOC Rwy 18R¹
ILS or LOC Rwy 27¹
ILS or LOC Rwy 36C²
ILS or LOC Rwy 36L²
ILS or LOC Rwy 36R²
RNAV (GPS) Rwy 9³
RNAV (GPS) Rwy 27³
RNAV (GPS) Rwy 36C³
RNAV (GPS) Rwy 36L³
RNAV (GPS) Rwy 36R³
RNAV (GPS) Z Rwy 18C³
RNAV (GPS) Z Rwy 18L³
RNAV (GPS) Z Rwy 18R³

¹LOC, Category D, 800-2½; Category E, 800-2½.

²ILS, LOC, Category E, 800-2½.

³Category D, 800-2½.

MIDDLESBORO, KY

MIDDLESBORO/
BELL COUNTY (1A6).....RNAV (GPS)-A

NA when local weather not available.
Category A, 1700-2; Category B, 2000-2.

NAME ALTERNATE MINIMUMS

MILLINGTON, TN

MILLINGTON/MEMPHIS
(NQA).....ILS or LOC Rwy 22¹²⁵
RNAV (GPS) Rwy 4³
RNAV (GPS) Rwy 22⁴⁵
VOR or TACAN Rwy 22⁴

¹NA when control tower closed.

²LOC, Category E, 800-2½.

³Category D, 800-2½; Category E, 800-2½.

⁴Category E, 800-2½;

⁵NA when local weather not available.

MONTICELLO, KY

WAYNE COUNTY (EKQ).....RNAV (GPS) Rwy 3
RNAV (GPS) Rwy 21

NA when local weather not available.
Categories A, B, 900-2.

MOREHEAD, KY

MOREHEAD-ROWAN COUNTY CLYDE A.
THOMAS RGNL (SYM).....RNAV (GPS) Rwy 2
RNAV (GPS) Rwy 20

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

MURRAY, KY

KYLE-OAKLEY
FLD (CEY).....RNAV (GPS) Rwy 5
RNAV (GPS) Rwy 23

NA when local weather not available.

NASHVILLE, TN

NASHVILLE
INTL (BNA).....ILS or LOC Rwy 2C¹³
ILS or LOC Rwy 2L¹
ILS or LOC Rwy 20R¹
ILS or LOC Rwy 31¹
ILS or LOC/DME Rwy 2R¹
ILS or LOC/DME Rwy 20L¹
RNAV (GPS) Rwy 13²
RNAV (GPS) Rwy 20C²
RNAV (GPS) Y Rwy 2C²
RNAV (GPS) Y Rwy 2L²
RNAV (GPS) Y Rwy 2R²
RNAV (GPS) Y Rwy 20L²
RNAV (GPS) Y Rwy 20R²
RNAV (GPS) Y Rwy 31²

¹ILS, Category C, 700-2; Category D, 800-2½;

LOC, Category D, 800-2½.

²Category D, 800-2½.

³NA when local weather not available.

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NAME ALTERNATE MINIMUMS

OWENSBORO, KY

OWENSBORO/DAVIESS COUNTY
 RGNL (OWB).....**ILS or LOC Rwy 36¹²**
 RNAV (GPS) Rwy 6³
 RNAV (GPS) Rwy 18³
 RNAV (GPS) Rwy 24³
 RNAV (GPS) Rwy 36³
 VOR Rwy 6⁴
 VOR Rwy 18
 VOR Rwy 36³

NA when local weather not available.
¹NA when control tower closed.
²LOC, Category D, 800-2¼.
³Category D, 800-2¼.
⁴Categories C, D, 800-2½.

PADUCAH, KY

BARKLEY RGNL (PAH).....**ILS or LOC Rwy 5¹²**
 RNAV (GPS) Rwy 5³
 RNAV (GPS) Rwy 14³
 RNAV (GPS) Rwy 23³
 RNAV (GPS) Rwy 32³
 VOR Rwy 5³
 VOR Rwy 23³

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

PARIS, TN

HENRY COUNTY (PHT).....**RNAV (GPS) Rwy 2**
 RNAV (GPS) Rwy 20

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

PIKEVILLE, KY

PIKE COUNTY/HATCHER
 FLD (PBX).....**RNAV (GPS) Rwy 9**
 RNAV (GPS) Rwy 27

Category D, 1000-3.

PORTLAND, TN

DOUGLAS
 HUNTER FLD (1M5).....**RNAV (GPS) Rwy 1**
 RNAV (GPS) Rwy 19

NA when local weather not available.

PRESTONSBURG, KY

BIG SANDY RGNL (SJS).....**RNAV (GPS) Rwy 3**
 RNAV (GPS) Rwy 21¹

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

RICHMOND, KY

CENTRAL KENTUCKY
 RGNL (RGA).....**RNAV (GPS) Rwy 18**
 RNAV (GPS) Rwy 36
 VOR Rwy 18

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

NAME ALTERNATE MINIMUMS

ROCKWOOD, TN

ROCKWOOD
 MUNI (RKW).....**VOR/DME Rwy 22**
 NA when local weather not available.
 Category D, 1200-3.

SEVIERVILLE, TN

GATLINBURG-PIGEON
 FORGE (GKT).....**RNAV (GPS) Rwy 10¹**
 VOR/DME Rwy 10²

NA when local weather not available.
¹Categories A, B, 1000-2; Category C, 1100-3,
 Category D, 1700-3.
²Categories A, B, 900-2; Category C, 1100-3,
 Category D, 1700-3.

SHELBYVILLE, TN

BOMAR FLD/SHELBYVILLE
 MUNI (SYI).....**RNAV (GPS) Rwy 18**
 RNAV (GPS) Y Rwy 36
 RNAV (GPS) Z Rwy 36
 VOR Rwy 18
 VOR Rwy 36

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

SMYRNA, TN

SMYRNA (MQY).....**ILS or LOC/DME Rwy 32¹²**
 RNAV (GPS) Rwy 1¹³
 RNAV (GPS) Rwy 14¹³
 RNAV (GPS) Rwy 19¹³
 RNAV (GPS) Rwy 32¹³

¹NA when local weather not available.
²ILS, Category B, 700-2; Category C, 800-2;
 Category D, 1000-2¾;
 LOC, Category D, 1000-2¾.
³Category D, 1000-3.

SOMERSET, KY

LAKE CUMBERLAND
 RGNL (SME).....**ILS or LOC Rwy 5¹**
 RNAV (GPS) Rwy 5²
 RNAV (GPS) Rwy 23²

NA when local weather not available.
¹LOC, Categories C, D, 1200-3.
²Categories C, D, 1200-3.

SOMERVILLE, TN

FAYETTE
 COUNTY (FYE).....**RNAV (GPS) Rwy 1**
 RNAV (GPS) Rwy 19

NA when local weather not available.

SPARTA, TN

UPPER CUMBERLAND
 RGNL (SRB).....**RNAV (GPS) Rwy 4**
 NA when local weather not available.
 Category D, 900-2¾.

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SPRINGFIELD, KY

LEBANON SPRINGFIELD-GEORGE HOERTER
FLD (6I2).....**RNAV (GPS) Rwy 11**
RNAV (GPS) Rwy 29

NA when local weather not available.

TULLAHOMA, TN

TULLAHOMA RGNL/WM NORTHERN
FLD (THA).....**RNAV (GPS) Rwy 6**
RNAV (GPS) Rwy 18
RNAV (GPS) Rwy 24
RNAV (GPS) Rwy 36

NA when local weather not available.

WILLIAMSBURG, KY

WILLIAMSBURG-WHITLEY
COUNTY (BYL).....**LOC Rwy 20**
RNAV (GPS) Rwy 20

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

WINCHESTER, TN

WINCHESTER
MUNI (BGF).....**RNAV (GPS) Y Rwy 18¹**
RNAV (GPS) Z Rwy 18²
RNAV (GPS) Rwy 36³

NA when local weather not available.

¹Category B, 900-2; Category C, 900-2½;

Category D, 1500-3.

²Categories A, B, C, D, 800-2¼.

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

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