

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. 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

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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.

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

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.

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.

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.

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 35⁵

BOWLING GREEN, KY

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

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).....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, 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 8
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.

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.

NAME ALTERNATE MINIMUMS

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.

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, 900-2¼.

NAMEALTERNATE MINIMUMS

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

JACKSON 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, 900-2¼.

MC GHEE TYSON (TYS).....ILS or LOC Rwy 5L¹
ILS or LOC Rwy 23L²
ILS or LOC Rwy 23R³
RNAV (GPS) Rwy 5L⁴
RNAV (GPS) Rwy 5R⁴
RNAV (GPS) Rwy 23L⁴
RNAV (GPS) Rwy 23R⁴
VOR Rwy 23L⁴
VOR Rwy 23R⁴

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.

⁴Category 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.

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.

NAMEALTERNATE MINIMUMS

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) Y Rwy 17L²
RNAV (GPS) Y Rwy 17R²
RNAV (GPS) Y Rwy 29²
RNAV (GPS) Y Rwy 35L²
RNAV (GPS) Y Rwy 35R²

¹LOC, Category D, 900-3.

²Category D, 900-3.

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.

NAME

ALTERNATE MINIMUMS

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, 800-2¼.

MAYFIELD, KY

MAYFIELD GRAVES
COUNTY (M25).....RNAV (GPS) Rwy 19
NA when local weather not available.
Category D, 800-2¼.

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, 800-2¼; Category E, 800-2¼.

²ILS, LOC, Category E, 800-2¾.

³Category D, 800-2¼.

MIDDLESBORO, KY

MIDDLESBORO/
BELL COUNTY (1A6).....RNAV (GPS)-A
NA when local weather not available.
Category A, 1700-2; Category B, 2000-2.

MILLINGTON, TN

CHARLES W
BAKER (2M8).....RNAV (GPS) Rwy 36
NA when local weather not available.

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, 800-2¼.

³Category D, 800-2¼; Category E, 800-2½.

⁴Category E, 800-2¼;

⁵NA when local weather not available.

NAME

ALTERNATE MINIMUMS

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, 800-2¼.

MURFREESBORO, TN

MURFREESBORO
MUNI (MBT).....RNAV (GPS) Rwy 36
NA when local weather not available.

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.

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 18⁵
VOR Rwy 36⁵

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.

NAME ALTERNATE MINIMUMS

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).....**ILS or LOC Rwy 27¹**
RNAV (GPS) Rwy 9²³
RNAV (GPS) Rwy 27²³

¹LOC, Category D, 1000-3.

²NA when local weather not available.

³Category 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, 800-2¼.

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, 800-2¼.

ROCKWOOD, TN

ROCKWOOD
 MUNI (RKW).....**VOR/DME Rwy 22**

NA when local weather not available.

Category D, 1200-3.

NAME ALTERNATE MINIMUMS

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).....**RNAV (GPS) Rwy 1**
RNAV (GPS) Rwy 14
RNAV (GPS) Rwy 19
RNAV (GPS) Rwy 32

NA when local weather not available.

Category 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, 900-2¼.

SPRINGFIELD, KY

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

NA when local weather not available.

NAME

ALTERNATE MINIMUMS

NAME

ALTERNATE MINIMUMS

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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