

INSTRUMENT APPROACH PROCEDURE CHARTS

**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.

Alternate Minima (ref: 14 CFR 91.169)

	Precision Approach	Non-Precision Approach
Standard	<b>600-2</b>	<b>800-2</b>
<b>A</b> 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.

**BARDSTOWN, KY**

SAMUELS FLD (BRY).....RNAV (GPS) Rwy 3<sup>1</sup>  
RNAV (GPS) Rwy 21<sup>1</sup>  
VOR Rwy 3

Category D, 900-2¾.  
<sup>1</sup>NA 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 5<sup>12</sup>  
ILS or LOC Rwy 23<sup>13</sup>  
RNAV (GPS) Rwy 5<sup>4</sup>  
RNAV (GPS) Rwy 9<sup>5</sup>  
RNAV (GPS) Rwy 23<sup>6</sup>  
RNAV (GPS) Rwy 27<sup>4</sup>

<sup>1</sup>NA when control tower closed.  
<sup>2</sup>LOC, Category C, 900-2¼; Category D, 1000-3.  
<sup>3</sup>LOC, Categories A, B, 1000-2;  
Categories C, D, 1000-3.  
<sup>4</sup>Category C, 900-2¼; Category D, 1000-3.  
<sup>5</sup>Category C, 800-2¼; Category D, 1000-3.  
<sup>6</sup>NA when local weather not available.

**CHATTANOOGA, TN**

LOVELL FLD (CHA).....ILS or LOC Rwy 2<sup>12</sup>  
ILS or LOC Rwy 20<sup>12</sup>  
RNAV (GPS) Rwy 2<sup>3</sup>  
RNAV (GPS) Rwy 15<sup>3</sup>  
RNAV (GPS) Rwy 20<sup>3</sup>  
RNAV (GPS) Rwy 33<sup>4</sup>  
VOR Rwy 33<sup>3</sup>

<sup>1</sup>NA when control tower closed.  
<sup>2</sup>LOC, Category C, 800-2¼; Category D, 900-3.  
<sup>3</sup>Category C, 800-2¼; Category D, 900-3.  
<sup>4</sup>Categories A, B, 900-2; Category C, 900-2¼;  
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 3<sup>1</sup>**  
**RNAV (GPS) Rwy 21**

Category D, 1000-3.

<sup>1</sup>NA when local weather not available.

**COLUMBIA/MOUNT PLEASANT, TN**

MAURY COUNTY  
 RGNL (MRC).....**RNAV (GPS) Rwy 6<sup>1</sup>**  
**RNAV (GPS) Rwy 24<sup>2</sup>**

NA when local weather not available.

<sup>1</sup>Category D, 1000-3.

<sup>2</sup>Category 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**  
 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**

Category D, 700-2.

**DANVILLE, KY**

STUART POWELL FLD (DVK).....**LOC Rwy 31<sup>1</sup>**  
**RNAV (GPS) Rwy 13**  
**RNAV (GPS) Rwy 31<sup>1</sup>**

NA when local weather not available.

<sup>1</sup>Category 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 5<sup>1</sup>**  
**RNAV (GPS) Rwy 5<sup>2</sup>**  
**RNAV (GPS) Rwy 23**

NA when local weather not available.

<sup>1</sup>LOC, Category D, 1000-3.

<sup>2</sup>Category 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 35<sup>1</sup>**  
**VOR-A**

Category D, 800-2¼.

<sup>1</sup>NA when local weather not available.

**GLASGOW, KY**

GLASGOW MUNI (GLW).....**RNAV (GPS) Rwy 8**  
**RNAV (GPS) Rwy 26<sup>1</sup>**

NA when local weather not available.

<sup>1</sup>Category 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 14<sup>1</sup>**  
**RNAV (GPS) Rwy 14<sup>2</sup>**  
**RNAV (GPS) Rwy 32<sup>2</sup>**

<sup>1</sup>Category C, 900-2¼; Category D, 900-3.

<sup>2</sup>Category C, 900-2¼; Category D, 900-2½.

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NAME ALTERNATE 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**

MC KELLAR-  
SIPES RGNL (MKL).....ILS or LOC Rwy 2<sup>1</sup>  
RNAV (GPS) Rwy 2<sup>1</sup>  
RNAV (GPS) Rwy 20<sup>1</sup>  
VOR Rwy 2<sup>2</sup>

<sup>1</sup>NA when local weather not available.

<sup>2</sup>Category 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 5L<sup>1</sup>  
ILS or LOC Rwy 23L<sup>2</sup>  
ILS or LOC Rwy 23R<sup>3</sup>  
RADAR-1<sup>4</sup>  
RNAV (GPS) Rwy 5L<sup>5</sup>  
RNAV (GPS) Rwy 5R<sup>5</sup>  
RNAV (GPS) Rwy 23L<sup>5</sup>  
RNAV (GPS) Rwy 23R<sup>5</sup>  
VOR Rwy 23L<sup>5</sup>  
VOR Rwy 23R<sup>5</sup>

<sup>1</sup>LOC, Category D, 1000-3.

<sup>2</sup>ILS, Categories B, C, 700-2; Category D, 1000-3;  
LOC, Category D, 1000-3.

<sup>3</sup>LOC, Categories D, E, 1000-3.

<sup>4</sup>Categories D, E, 1000-3.

<sup>5</sup>Category 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.

NAME ALTERNATE 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 6<sup>1</sup>  
RNAV (GPS) Rwy 6<sup>2</sup>  
RNAV (GPS) Rwy 24<sup>3</sup>  
VOR Rwy 6<sup>2</sup>

NA when local weather not available.

<sup>1</sup>LOC, Category B, 900-2; Category C, 900-2½;  
Category D, 900-2¾.

<sup>2</sup>Category B, 900-2; Category C, 900-2½;  
Category D, 900-2¾.

<sup>3</sup>Category 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 17L<sup>1</sup>  
ILS or LOC Rwy 17R<sup>1</sup>  
ILS or LOC Rwy 35L<sup>1</sup>  
ILS or LOC Rwy 35R<sup>1</sup>  
LOC Rwy 29<sup>2</sup>  
RNAV (GPS) Rwy 29<sup>2</sup>  
RNAV (GPS) Y Rwy 17L<sup>2</sup>  
RNAV (GPS) Y Rwy 17R<sup>2</sup>  
RNAV (GPS) Y Rwy 35L<sup>2</sup>  
RNAV (GPS) Y Rwy 35R<sup>2</sup>

<sup>1</sup>LOC, Category D, 900-3.

<sup>2</sup>Category 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.

**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.

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**MAYFIELD, KY**

MAYFIELD GRAVES  
COUNTY (M25).....RNAV (GPS) Rwy 19  
NA when local weather not available.  
Category D, 800-2½.

**MEMPHIS, TN**

MEMPHIS INTL (MEM).....ILS or LOC Rwy 9<sup>1</sup>  
ILS or LOC Rwy 18C<sup>1</sup>  
ILS or LOC Rwy 18L<sup>1</sup>  
ILS or LOC Rwy 18R<sup>1</sup>  
ILS or LOC Rwy 27<sup>1</sup>  
ILS or LOC Rwy 36C<sup>2</sup>  
ILS or LOC Rwy 36L<sup>2</sup>  
ILS or LOC Rwy 36R<sup>2</sup>  
RNAV (GPS) Rwy 9<sup>3</sup>  
RNAV (GPS) Rwy 27<sup>3</sup>  
RNAV (GPS) Rwy 36C<sup>3</sup>  
RNAV (GPS) Rwy 36L<sup>3</sup>  
RNAV (GPS) Rwy 36R<sup>3</sup>  
RNAV (GPS) Z Rwy 18C<sup>3</sup>  
RNAV (GPS) Z Rwy 18L<sup>3</sup>  
RNAV (GPS) Z Rwy 18R<sup>3</sup>

<sup>1</sup>LOC, Category D, 800-2½; Category E, 800-2½.  
<sup>2</sup>ILS, LOC, Category E, 800-2½.  
<sup>3</sup>Category 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.

**MILLINGTON, TN**

MILLINGTON/MEMPHIS  
(NQA).....ILS or LOC Rwy 22<sup>125</sup>  
RNAV (GPS) Rwy 4<sup>3</sup>  
RNAV (GPS) Rwy 22<sup>45</sup>  
VOR or TACAN Rwy 22<sup>4</sup>

<sup>1</sup>NA when control tower closed.  
<sup>2</sup>LOC, Category E, 800-2½.  
<sup>3</sup>Category D, 800-2½; Category E, 800-2½.  
<sup>4</sup>Category E, 800-2½;  
<sup>5</sup>NA 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.

NAME ALTERNATE MINIMUMS

**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 2C<sup>13</sup>  
ILS or LOC Rwy 2L<sup>1</sup>  
ILS or LOC Rwy 20R<sup>1</sup>  
ILS or LOC Rwy 31<sup>1</sup>  
ILS or LOC/DME Rwy 2R<sup>1</sup>  
ILS or LOC/DME Rwy 20L<sup>1</sup>  
RNAV (GPS) Rwy 13<sup>2</sup>  
RNAV (GPS) Rwy 20C<sup>2</sup>  
RNAV (GPS) Y Rwy 2C<sup>2</sup>  
RNAV (GPS) Y Rwy 2L<sup>2</sup>  
RNAV (GPS) Y Rwy 2R<sup>2</sup>  
RNAV (GPS) Y Rwy 20L<sup>2</sup>  
RNAV (GPS) Y Rwy 20R<sup>2</sup>  
RNAV (GPS) Y Rwy 31<sup>2</sup>

<sup>1</sup>ILS, Category C, 700-2; Category D, 800-2½;  
LOC, Category D, 800-2½.  
<sup>2</sup>Category D, 800-2½.  
<sup>3</sup>NA when local weather not available.

**OWENSBORO, KY**

OWENSBORO/DAVIESS COUNTY  
RGNL (OWB).....ILS or LOC Rwy 36<sup>12</sup>  
RNAV (GPS) Rwy 6<sup>3</sup>  
RNAV (GPS) Rwy 18<sup>3</sup>  
RNAV (GPS) Rwy 24<sup>3</sup>  
RNAV (GPS) Rwy 36<sup>3</sup>  
VOR Rwy 6<sup>4</sup>  
VOR Rwy 18<sup>4</sup>  
VOR Rwy 36<sup>5</sup>

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

**PADUCAH, KY**

BARKLEY RGNL (PAH).....ILS or LOC Rwy 5<sup>12</sup>  
RNAV (GPS) Rwy 5<sup>3</sup>  
RNAV (GPS) Rwy 14<sup>3</sup>  
RNAV (GPS) Rwy 23<sup>3</sup>  
RNAV (GPS) Rwy 32<sup>3</sup>  
VOR Rwy 5<sup>5</sup>  
VOR Rwy 23<sup>3</sup>

NA when local weather not available.  
<sup>1</sup>NA when control tower closed.  
<sup>2</sup>LOC, Category D, 800-2½.  
<sup>3</sup>Category D, 800-2½.

**PIKEVILLE, KY**

PIKE COUNTY/HATCHER  
FLD (PBX).....RNAV (GPS) Rwy 9  
RNAV (GPS) Rwy 27  
Category D, 1000-3.

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NAME ALTERNATE MINIMUMS

**PORTLAND, TN**

PORTLAND MUNI (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 21  
Category D, 900-2¼.  
NA when local weather not available.

**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.

**ROCKWOOD, TN**

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

**SABRE AAF (FORT CAMPBELL) (KEOD)**

CLARKSVILLE, TN.....RNAV (GPS) X Rwy 5  
RNAV (GPS) X Rwy 23  
COPTER NDB 303<sup>9</sup>  
COPTER VOR Rwy 23  
COPTER RNAV (GPS) Y Rwy 5  
COPTER RNAV (GPS) Y Rwy 23  
NA when local weather not available.

**SEVIERVILLE, TN**

GATLINBURG-PIGEON  
FORGE (GKT).....RNAV (GPS) Rwy 10<sup>1</sup>  
VOR/DME Rwy 10<sup>2</sup>  
NA when local weather not available.  
<sup>1</sup>Categories A, B, 1000-2; Category C, 1100-3,  
Category D, 1700-3.  
<sup>2</sup>Categories 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.

NAME ALTERNATE MINIMUMS

**SMYRNA, TN**

SMYRNA (MQY).....ILS or LOC/DME Rwy 32<sup>12</sup>  
RNAV (GPS) Rwy 1<sup>13</sup>  
RNAV (GPS) Rwy 14<sup>13</sup>  
RNAV (GPS) Rwy 19<sup>13</sup>  
RNAV (GPS) Rwy 32<sup>13</sup>  
<sup>1</sup>NA when local weather not available.  
<sup>2</sup>ILS, Category B, 700-2; Category C, 800-2;  
Category D, 1000-2¾;  
LOC, Category D, 1000-2¾.  
<sup>3</sup>Category D, 1000-3.

**SPARTA, TN**

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

**SOMERSET, KY**

LAKE CUMBERLAND  
RGNL (SME).....ILS or LOC/DME Rwy 5<sup>12</sup>  
RNAV (GPS) Rwy 5<sup>3</sup>  
RNAV (GPS) Rwy 23<sup>3</sup>  
<sup>1</sup>NA when local weather not available.  
<sup>2</sup>LOC, Categories C, D, 1200-3.  
<sup>3</sup>Categories C, D, 1200-3.

**SPRINGFIELD, KY**

LEBANON SPRINGFIELD-GEORGE HOERTER  
FLD (612).....RNAV (GPS) Rwy 11  
RNAV (GPS) Rwy 29  
NA when local weather not available.

**WILLIAMSBURG, KY**

WILLIAMSBURG-WHITLEY  
COUNTY (BYL).....LOC Rwy 20  
RNAV (GPS) Rwy 20  
VOR Rwy 20  
NA when local weather not available.  
Categories C, D, 1100-3.

**WINCHESTER, TN**

WINCHESTER  
MUNI (BGF).....RNAV (GPS) Y Rwy 18<sup>1</sup>  
RNAV (GPS) Z Rwy 18<sup>2</sup>  
NA when local weather not available.  
<sup>1</sup>Category B, 900-2; Category C, 900-2½;  
Category D, 1500-3.  
<sup>2</sup>Categories A, B, C, D, 800-2¼.

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