

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

**ABILENE, TX**

ABILENE  
 RGNL (ABI).....**ILS or LOC Rwy 35R<sup>12</sup>**  
   **LOC Rwy 17R<sup>3</sup>**  
   **RNAV (GPS) Rwy 17L<sup>3</sup>**  
   **RNAV (GPS) Rwy 35R<sup>13</sup>**

<sup>1</sup>NA when local weather not available.  
<sup>2</sup>LOC, Category E, 900-3.  
<sup>3</sup>Category E, 900-3.

**AMARILLO, TX**

RICK HUSBAND AMARILLO  
 INTL (AMA).....**ILS or LOC Rwy 4<sup>123</sup>**  
   **LDA Rwy 22<sup>124</sup>**  
   **RADAR-1<sup>25</sup>**  
   **RNAV (GPS) Y Rwy 4<sup>14</sup>**  
   **RNAV (GPS) Y Rwy 13<sup>16</sup>**  
   **RNAV (GPS) Y Rwy 22<sup>14</sup>**  
   **RNAV (GPS) Y Rwy 31<sup>16</sup>**  
   **VOR Rwy 13<sup>5</sup>**  
   **VOR Rwy 22<sup>4</sup>**  
   **VOR Rwy 31<sup>4</sup>**

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

NAME ALTERNATE MINIMUMS

**ANDREWS, TX**

ANDREWS  
 COUNTY (E11).....**RNAV (GPS) Rwy 16**  
 NA when local weather not available.  
 Categories A, B, 800-2¼; Category C, 900-2½.

**ARLINGTON, TX**

ARLINGTON  
 MUNI (GKY).....**ILS or LOC/DME Rwy 34<sup>1</sup>**  
   **RNAV (GPS) Rwy 16**  
   **RNAV (GPS) Rwy 34**

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

**ATHENS, TX**

ATHENS  
 MUNI (F44).....**RNAV (GPS) Rwy 18**  
   **RNAV (GPS) Rwy 36**

NA when local weather not available.

**BIG SPRING, TX**

BIG SPRING/MC MAHON-  
 WRINKLE (BPG).....**RNAV (GPS) Rwy 6**  
   **RNAV (GPS) Rwy 17**  
   **RNAV (GPS) Rwy 24<sup>1</sup>**  
   **RNAV (GPS) Rwy 35**  
   **VOR/DME Rwy 17**  
   **VOR/DME Rwy 35**

NA when local weather not available.  
<sup>1</sup>Categories, A, B, 900-2.

NAME ALTERNATE MINIMUMS

**BONHAM, TX**

JONES FLD (F00).....RNAV (GPS) Rwy 17  
RNAV (GPS) Rwy 35

NA when local weather not available.

**BORGER, TX**

HUTCHINSON  
COUNTY (BGD).....RNAV (GPS) Rwy 17  
RNAV (GPS) Rwy 35<sup>1</sup>

Category D, 800-2½.

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

**BOWIE, TX**

BOWIE  
MUNI (0F2).....RNAV (GPS) Rwy 17  
RNAV (GPS) Rwy 35

Category C, 800-2½.

**BRECKENRIDGE, TX**

STEPHENS  
COUNTY (BKD).....RNAV (GPS) Rwy 17  
RNAV (GPS) Rwy 35

NA when local weather not available.

**BRIDGEPORT, TX**

BRIDGEPORT  
MUNI (XBP).....RNAV (GPS) Rwy 18  
VOR/DME Rwy 18

NA when local weather not available.

**CANADIAN, TX**

HEMPHILL  
COUNTY (HHF).....RNAV (GPS) Rwy 4  
RNAV (GPS) Rwy 22

NA when local weather not available.

Category C, 900-2¼; Category D, 1000-3.

**CARTHAGE, TX**

PANOLA COUNTY-SHARPE  
FLD (4F2).....RNAV (GPS) Rwy 17  
RNAV (GPS) Rwy 35

NA when local weather not available.

**CHILDRESS, TX**

CHILDRESS  
MUNI (CDS).....RNAV (GPS) Rwy 36  
VOR Rwy 36

NA when local weather not available.

Category D, 800-2½.

**CLEBURNE, TX**

CLEBURNE  
RGNL (CPT).....RNAV (GPS) Rwy 15  
RNAV (GPS) Rwy 33

NA when local weather not available.

Category C, 900-2¼; Category D, 900-2¼.

NAME ALTERNATE MINIMUMS

**CORSICANA, TX**

C DAVID CAMPBELL FLD-CORSICANA  
MUNI (CRS).....RNAV (GPS) Rwy 32

NA when local weather not available.

**DALHART, TX**

DALHART  
MUNI (DHT).....VOR Rwy 17  
Category D, 800-2½.

**DALLAS, TX**

ADDISON (ADS).....ILS or LOC Rwy 16<sup>1</sup>  
ILS or LOC Rwy 34<sup>2</sup>  
RNAV (GPS) Rwy 16<sup>3</sup>  
RNAV (GPS) Rwy 34<sup>3</sup>

NA when local weather not available.

<sup>1</sup>LOC, Category D, 800-2½.

<sup>2</sup>NA when control tower closed.

<sup>3</sup>Category D, 800-2½.

**DALLAS**

EXEC (RBD).....ILS or LOC Rwy 31<sup>12</sup>  
RNAV (GPS) Rwy 13<sup>3</sup>  
RNAV (GPS) Rwy 17<sup>3</sup>  
RNAV (GPS) Rwy 31<sup>3</sup>  
RNAV (GPS) Rwy 35<sup>3</sup>  
VOR Rwy 17<sup>3</sup>

NA when local weather not available.

<sup>1</sup>NA when control tower closed.

<sup>2</sup>LOC, Category D, 800-2¼.

<sup>3</sup>Category D, 800-2¼.

**DALLAS LOVE**

FLD (DAL).....ILS or LOC Rwy 13L<sup>1</sup>  
ILS or LOC Rwy 13R<sup>1</sup>  
ILS or LOC Rwy 31L<sup>2</sup>  
ILS or LOC Rwy 31R<sup>1</sup>  
RNAV (GPS) Y Rwy 13L<sup>3</sup>  
RNAV (GPS) Y Rwy 13R<sup>3</sup>  
RNAV (GPS) Y Rwy 31L<sup>4</sup>  
RNAV (GPS) Y Rwy 31R<sup>3</sup>  
RNAV (GPS) Z Rwy 13L<sup>3</sup>  
RNAV (GPS) Z Rwy 13R<sup>3</sup>

<sup>1</sup>LOC, Category D, 1100-3.

<sup>2</sup>LOC, Categories A, B, 900-2;

Category C, 900-2½; Category D, 1100-3.

<sup>3</sup>Category D, 1100-3.

<sup>4</sup>Categories A, B, 900-2; Category C, 900-2½;

Category D, 1100-3.

**MCKINNEY**

NTL (TKI).....ILS or LOC Rwy 18<sup>12</sup>  
RNAV (GPS) Rwy 18<sup>3</sup>  
RNAV (GPS) Rwy 36<sup>3</sup>  
VOR/DME-A<sup>4</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>Category C, 800-2¼; Category D, 800-2½.

20 MAR 2025 to 17 APR 2025

20 MAR 2025 to 17 APR 2025

NAME ALTERNATE MINIMUMS

**DALLAS-FORT WORTH, TX**

DALLAS-FORT WORTH  
INTL (DFW).....**CONVERGING ILS Rwy 31R<sup>1</sup>**  
**CONVERGING ILS V Rwy 13R<sup>2</sup>**  
**ILS or LOC Rwy 18R<sup>3</sup>**

<sup>1</sup>ILS, 1100-4.  
<sup>2</sup>Categories A, B, 800-2½; Category C, 900-2½.  
<sup>3</sup>ILS, 700-2.

**DECATUR, TX**

DECATUR MUNI (LUD).....**RNAV (GPS) Rwy 17**  
**RNAV (GPS) Rwy 35**  
NA when local weather not available.

**DENTON, TX**

DENTON  
ENTERPRISE (DTO).....**RNAV (GPS) Rwy 18L**  
**RNAV (GPS) Rwy 18R**  
**RNAV (GPS) Rwy 36L**  
**RNAV (GPS) Rwy 36R**

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

**DUMAS, TX**

MOORE  
COUNTY (DUX).....**RNAV (GPS) Rwy 1**  
**RNAV (GPS) Rwy 19**  
NA when local weather not available.  
Category D, 800-2¼.

**EASTLAND, TX**

EASTLAND  
MUNI (ETN).....**RNAV (GPS) Rwy 17**  
**RNAV (GPS) Rwy 35**  
NA when local weather not available.  
Category B, 900-2; Category C, 900-2½.

**FORT WORTH, TX**

PEROT FLD/FORT  
WORTH ALLIANCE (AFW)....**ILS or LOC Rwy 16L<sup>1</sup>**  
**ILS or LOC Rwy 34R<sup>1</sup>**  
**RNAV (GPS) Rwy 16L<sup>2</sup>**  
**RNAV (GPS) Rwy 16R<sup>2</sup>**  
**RNAV (GPS) Rwy 34R<sup>2</sup>**

<sup>1</sup>LOC, Category E, 800-2¼.  
<sup>2</sup>Category E, 800-2¼.

**FORT WORTH MEACHAM**

INTL (FTW).....**ILS or LOC Rwy 16**  
**RNAV (GPS) Rwy 16**  
**RNAV (GPS) Rwy 34**  
Category D, 800-2½.

**FORT WORTH**

SPINKS (FWS).....**RNAV (GPS) Rwy 18R**  
**RNAV (GPS) Rwy 36L**  
NA when local weather not available.

NAME ALTERNATE MINIMUMS

**GAINESVILLE, TX**

GAINESVILLE  
MUNI (GLE).....**RNAV (GPS) Rwy 18**  
**RNAV (GPS) Rwy 36<sup>1</sup>**

Category D, 800-2½.  
<sup>1</sup>NA when local weather not available.

**GILMER, TX**

FOX STEPHENS FLD / GILMER  
MUNI (JXI).....**RNAV (GPS) Rwy 18**  
**RNAV (GPS) Rwy 36**  
NA when local weather not available.  
Category C, 800-2¼.

**GRAHAM, TX**

GRAHAM MUNI (RPH).....**RNAV (GPS) Rwy 3**  
**RNAV (GPS) Rwy 21**  
NA when local weather not available.

**GRANBURY, TX**

GRANBURY  
RGNL (GDJ).....**RNAV (GPS) Rwy 1**  
**RNAV (GPS) Rwy 19**  
NA when local weather not available.  
Category C, 900-2¼.

**GRAND PRAIRIE, TX**

GRAND PRAIRIE  
MUNI (GPM).....**RNAV (GPS) Rwy 36**  
**VOR Rwy 36**  
NA when local weather not available.  
Categories A, B, 800-2½.

**GREENVILLE, TX**

MAJORS (GVT).....**ILS Y or LOC Y Rwy 17<sup>12</sup>**  
**ILS Z or LOC Z Rwy 17<sup>12</sup>**  
**RNAV (GPS) Rwy 17<sup>3</sup>**  
**RNAV (GPS) Rwy 35<sup>3</sup>**  
**TACAN Rwy 17<sup>3</sup>**  
**TACAN Rwy 35<sup>3</sup>**  
**VOR/DME Rwy 17<sup>3</sup>**  
NA when local weather not available.  
<sup>1</sup>NA when control tower closed.  
<sup>2</sup>LOC, Category D, 800-2¼; Category E, 800-2¼.  
<sup>3</sup>Category D, 800-2¼; Category E, 800-2¼.

**HENDERSON, TX**

RUSK COUNTY (RFI).....**RNAV (GPS) Rwy 17**  
NA when local weather not available.  
Category C, 800-2¼.

**HEREFORD, TX**

HEREFORD  
MUNI (HRX).....**RNAV (GPS) Rwy 2**  
**RNAV (GPS) Rwy 20**  
NA when local weather not available.  
Category D, 900-2¼.

20 MAR 2025 to 17 APR 2025

20 MAR 2025 to 17 APR 2025

NAME ALTERNATE MINIMUMS

**HILLSBORO, TX**

HILLSBORO  
MUNI (INJ).....RNAV (GPS) Rwy 16  
RNAV (GPS) Rwy 34

NA when local weather not available.

**LAMESA, TX**

LAMESA  
MUNI (LUV).....RNAV (GPS) Rwy 16  
RNAV (GPS) Rwy 34

Category D, 900-2¼.

**LANCASTER, TX**

LANCASTER  
RGNL (LNC).....RNAV (GPS) Rwy 31

NA when local weather not available.  
Category C, 800-2¼; Category D, 800-2½.

**LONGVIEW, TX**

EAST TEXAS  
RGNL (GGG).....ILS or LOC Rwy 13<sup>1</sup>  
RNAV (GPS) Rwy 13<sup>2</sup>  
RNAV (GPS) Rwy 18<sup>3</sup>  
RNAV (GPS) Rwy 31<sup>2</sup>  
RNAV (GPS) Rwy 36<sup>3</sup>  
VOR/DME or TACAN Rwy 13<sup>2</sup>  
VOR/DME or TACAN Rwy 31<sup>2</sup>

NA when local weather not available.

<sup>1</sup>ILS, LOC, Category D, 800-2¼;  
Category E, 800-2½.  
<sup>2</sup>Category D, 800-2¼; Category E, 800-2½.  
<sup>3</sup>Category D, 800-2¼.

**LUBBOCK, TX**

LUBBOCK PRESTON SMITH  
INTL (LBB).....ILS or LOC Rwy 17R<sup>1</sup>  
ILS or LOC Rwy 26<sup>1</sup>  
RNAV (GPS) Rwy 8<sup>2</sup>  
RNAV (GPS) Rwy 26<sup>2</sup>  
RNAV (GPS) Y Rwy 17R<sup>2</sup>  
RNAV (GPS) Y Rwy 35L<sup>2</sup>

<sup>1</sup>ILS, Category D, 700-2; Category E, 900-3;  
LOC, Category E, 900-3.  
<sup>2</sup>Category E, 900-3.

**MESQUITE, TX**

MESQUITE METRO (HQZ)....RNAV (GPS) Rwy 18  
RNAV (GPS) Rwy 36

NA when local weather not available.

**MIDLOTHIAN/WAXAHACHIE, TX**

MID-WAY  
RGNL (JWY).....RNAV (GPS) Rwy 18  
RNAV (GPS) Rwy 36<sup>1</sup>

Category D, 800-2¼.  
<sup>1</sup>NA when local weather not available.

NAME ALTERNATE MINIMUMS

**MINEOLA/QUITMAN, TX**

WOOD COUNTY/COLLINS  
FLD (JDD).....RNAV (GPS) Rwy 18  
RNAV (GPS) Rwy 36

NA when local weather not available.

**MINERAL WELLS, TX**

MINERAL WELLS  
RGNL (MWL).....RNAV (GPS) Rwy 31

NA when local weather not available.

**MOUNT PLEASANT, TX**

MOUNT PLEASANT  
RGNL (OSA).....RNAV (GPS) Rwy 17  
RNAV (GPS) Rwy 35

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

**PAMPA, TX**

PERRY LEFORS  
FLD (PPA).....RNAV (GPS) Rwy 17

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

**PARIS, TX**

COX FLD (PRX).....RNAV (GPS) Rwy 17  
RNAV (GPS) Rwy 35  
VOR Rwy 35

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

**PERRYTON, TX**

PERRYTON OCHILTREE  
COUNTY (PYX).....RNAV (GPS) Rwy 17  
RNAV (GPS) Rwy 35

NA when local weather not available.

**PLAINVIEW, TX**

HALE COUNTY (PVW).....RNAV (GPS) Rwy 4  
RNAV (GPS) Rwy 22

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

**ROCKWALL, TX**

RAPLH M HALL/ROCKWALL  
MUNI (F46).....RNAV (GPS) Rwy 17  
RNAV (GPS) Rwy 35

NA when local weather not available.

**SEMINOLE, TX**

GAINES  
COUNTY (GNC).....RNAV (GPS) Rwy 35

NA when local weather not available.

20 MAR 2025 to 17 APR 2025

20 MAR 2025 to 17 APR 2025

25051

NAME ALTERNATE MINIMUMS

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**SHERMAN/DENSION, TX**  
NORTH TEXAS RGNL/PERRIN  
FLD (GYI).....RNAV (GPS) Rwy 18L  
RNAV (GPS) Rwy 36R  
VOR-A

**WICHITA FALLS, TX**  
KICKAPOO  
DOWNTOWN (CWC).....RNAV (GPS) Rwy 35  
NA when local weather not available.

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

**SNYDER, TX**  
WINSTON  
FLD (SNK).....RNAV (GPS) Rwy 35  
NA when local weather not available.

**STEPHENVILLE, TX**  
STEPHENVILLE CLARK  
RGNL (SEP).....RNAV (GPS) Rwy 14  
RNAV (GPS) Rwy 32  
NA when local weather not available.  
Category D, 800-2¼.

**SULPHUR SPRINGS, TX**  
SULPHUR SPRINGS  
MUNI (SLR).....RNAV (GPS) Rwy 1  
RNAV (GPS) Rwy 19  
NA when local weather not available.

**SWEETWATER, TX**  
AVENGER FLD (SWW).....RNAV (GPS) Rwy 4  
RNAV (GPS) Rwy 17  
RNAV (GPS) Rwy 22  
RNAV (GPS) Rwy 35  
NA when local weather not available.  
Category D, 800-2¼.

**TERRELL, TX**  
TERRELL MUNI (TRL).....RNAV (GPS) Rwy 18  
RNAV (GPS) Rwy 36  
NA when local weather not available.

**TYLER, TX**  
TYLER POUNDS  
RGNL (TYR).....ILS or LOC Rwy 4<sup>123</sup>  
RNAV (GPS) Rwy 4<sup>14</sup>  
RNAV (GPS) Rwy 13<sup>14</sup>  
RNAV (GPS) Rwy 18<sup>14</sup>  
RNAV (GPS) Rwy 22<sup>4</sup>  
RNAV (GPS) Rwy 31<sup>14</sup>  
RNAV (GPS) Rwy 36<sup>14</sup>  
VOR Rwy 4<sup>14</sup>  
VOR Rwy 31<sup>14</sup>

<sup>1</sup>NA when local weather not available.  
<sup>2</sup>NA when control tower closed.  
<sup>3</sup>LOC, Category D, 800-2¼.  
<sup>4</sup>Category D, 800-2¼.

**VERNON, TX**  
WILBARGER  
COUNTY (F05).....RNAV (GPS) Rwy 2  
RNAV (GPS) Rwy 20  
NA when local weather not available.

20 MAR 2025 to 17 APR 2025

20 MAR 2025 to 17 APR 2025

25051

M5