

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

ABILENE, TX

ABILENE
 RGNL (ABI).....**ILS or LOC Rwy 35R**¹²
 LOC Rwy 17R³
 RNAV (GPS) Rwy 17L³
 RNAV (GPS) Rwy 35R¹³

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

AMARILLO, TX

RICK HUSBAND AMARILLO
 INTL (AMA).....**ILS or LOC Rwy 4**¹²³
 LDA Rwy 22¹²⁴
 RADAR-1²⁵
 RNAV (GPS) Y Rwy 4¹⁴
 RNAV (GPS) Y Rwy 13¹⁶
 RNAV (GPS) Y Rwy 22¹⁴
 RNAV (GPS) Y Rwy 31¹⁶
 VOR Rwy 13⁵
 VOR Rwy 22⁴
 VOR Rwy 31⁴

¹NA when local weather not available.
²NA when control tower closed.
³LOC, Category D, 800-2¼; Category E, 900-3.
⁴Category D, 800-2¼; Category E, 900-3.
⁵Category E, 900-3.
⁶Category 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**¹
 RNAV (GPS) Rwy 34
 NA when local weather not available.
¹NA 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 24¹
 RNAV (GPS) Rwy 35
 VOR/DME Rwy 17
 VOR/DME Rwy 35
 NA when local weather not available.
¹Categories, A, B, 900-2.

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NAME ALTERNATE MINIMUMS

BORGER, TX

HUTCHINSON
COUNTY (BGD)..... **RNAV (GPS) Rwy 17**
RNAV (GPS) Rwy 35¹

Category D, 800-2½.
¹NA 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, 900-2¾; Category D, 1000-3.

CARTHAGE, TX

PANOLA COUNTY-SHARPE
FLD (4F2)..... **NDB Rwy 35¹**
RNAV (GPS) Rwy 17
RNAV (GPS) Rwy 35

NA when local weather not available.
¹Category C, 900-2½.

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, 900-2½; Category D, 900-2¾.

CORSICANA, TX

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

NA when local weather not available.

NAME ALTERNATE MINIMUMS

DALHART, TX

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

DALLAS, TX

ADDISON (ADS)..... **ILS or LOC Rwy 16¹**
ILS or LOC Rwy 34
RNAV (GPS) Rwy 16²
RNAV (GPS) Rwy 34²

NA when local weather not available.

¹LOC, Category D, 800-2½.
²Category D, 800-2½.

DALLAS

EXEC (RBD)..... **ILS or LOC Rwy 31¹²**
RNAV (GPS) Rwy 17³
RNAV (GPS) Rwy 31³
RNAV (GPS) Rwy 35³
VOR Rwy 17³

NA when local weather not available.

¹NA when control tower closed.
²LOC, Category D, 800-2½.
³Category D, 800-2½.

DALLAS LOVE

FLD (DAL)..... **ILS or LOC Rwy 31L¹**
ILS or LOC Rwy 31R²
ILS Y or LOC Y Rwy 13L³
ILS Y or LOC Y Rwy 13R³
RNAV (GPS) Y Rwy 13L⁴
RNAV (GPS) Y Rwy 13R⁴
RNAV (GPS) Y Rwy 31L⁵
RNAV (GPS) Y Rwy 31R⁴
RNAV (GPS) Z Rwy 13L⁴
RNAV (GPS) Z Rwy 13R⁴

¹LOC, Categories A, B, 1100-2; Categories C, D, 1100-3.
²LOC, Categories A, B, 900-2; Category C, 900-2½; Category D, 1100-3.
³LOC, Category D, 1100-3.
⁴Category D, 1100-3.
⁵Categories A, B, 900-2; Category C, 900-2½; Category D, 1100-3.

MCKINNEY

NTL (TKI)..... **ILS or LOC Rwy 18¹²**
RNAV (GPS) Rwy 18³
RNAV (GPS) Rwy 36²
VOR/DME-A⁴

NA when local weather not available.

¹NA when control tower closed.
²LOC, Category D, 800-2½.
³Category D, 800-2½.
⁴Category C, 800-2½; Category D, 800-2½.

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NAME ALTERNATE MINIMUMS

DALLAS-FORT WORTH, TX

DALLAS-FORT WORTH
INTL (DFW).....**CONVERGING ILS Rwy 13R¹**
CONVERGING ILS Rwy 31R²
ILS or LOC Rwy 18R³

¹Categories A, B, C, 900-2½.

²ILS, 1100-4.

³ILS, 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, 800-2½.

DUMAS, TX

MOORE
COUNTY (DUX).....**RNAV (GPS) Rwy 1**
RNAV (GPS) Rwy 19

NA when local weather not available.

Category D, 800-2½.

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 16L¹**
ILS or LOC Rwy 34R¹
RNAV (GPS) Rwy 16L²
RNAV (GPS) Rwy 16R²
RNAV (GPS) Rwy 34R²

¹LOC, Category E, 800-2½.

²Category E, 800-2½.

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 36¹

Category D, 800-2½.

¹NA 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, 800-2½.

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, 900-2½.

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 17¹²**
ILS Z or LOC Z Rwy 17¹²³
RNAV (GPS) Rwy 17³⁴
RNAV (GPS) Rwy 35³⁴
TACAN Rwy 17³⁴
TACAN Rwy 35³⁴
VOR/DME Rwy 17³⁴

¹NA when control tower closed.

²LOC, Category D, 800-2½; Category E, 800-2½.

³NA when local weather not available.

⁴Category D, 800-2½; Category E, 800-2½.

HENDERSON, TX

RUSK COUNTY (RFI).....**RNAV (GPS) Rwy 17**

NA when local weather not available.

Category C, 800-2½.

HEREFORD, TX

HEREFORD
MUNI (HRX).....**RNAV (GPS) Rwy 2**
RNAV (GPS) Rwy 20

NA when local weather not available.

Category D, 900-2½.

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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 13¹
RNAV (GPS) Rwy 13²
RNAV (GPS) Rwy 18³
RNAV (GPS) Rwy 31²
RNAV (GPS) Rwy 36³
VOR/DME or TACAN Rwy 13²
VOR/DME or TACAN Rwy 31²

NA when local weather not available.
¹ILS, LOC, Category D, 800-2¼;
Category E, 800-2½.
²Category D, 800-2¼; Category E, 800-2½.
³Category D, 800-2¼.

LUBBOCK, TX

LUBBOCK PRESTON SMITH
INTL (LBB).....ILS or LOC Rwy 17R¹
ILS or LOC Rwy 26¹
RNAV (GPS) Rwy 8²
RNAV (GPS) Rwy 26²
RNAV (GPS) Y Rwy 17R²
RNAV (GPS) Y Rwy 35L²
VOR/DME or TACAN Rwy 26^{2,3}

¹ILS, Category D, 700-2; Category E, 900-3;
LOC, Category E, 900-3.
²Category E, 900-3.
³NA when local weather not available.

MESQUITE, TX

MESQUITE METRO (HQZ).....ILS or LOC Rwy 18¹
LOC/DME BC Rwy 36
RNAV (GPS) Rwy 18
RNAV (GPS) Rwy 36

NA when local weather not available.
¹ILS, Category C, 800-2.

NAME ALTERNATE MINIMUMS

MIDLOTHIAN/WAXAHACHIE, TX

MID-WAY
RGNL (JWY).....RNAV (GPS) Rwy 18
RNAV (GPS) Rwy 36¹

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

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 17¹
RNAV (GPS) Rwy 31
RNAV (GPS) Rwy 35¹

NA when local weather not available.
¹Category 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.

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NAME ALTERNATE MINIMUMS

SEMINOLE, TX

GAINES
COUNTY (GNC).....RNAV (GPS) Rwy 35
NA when local weather not available.

SHERMAN/DENSION, TX

NORTH TEXAS RGNL/PERRIN
FLD (GYI).....RNAV (GPS) Rwy 17L¹
RNAV (GPS) Rwy 35R¹
VOR-A

Category D, 800-2¼.
¹NA 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
VOR-B

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 4¹²³
RNAV (GPS) Rwy 4¹⁴
RNAV (GPS) Rwy 13¹⁴
RNAV (GPS) Rwy 18¹⁴
RNAV (GPS) Rwy 22⁴
RNAV (GPS) Rwy 31¹⁴
RNAV (GPS) Rwy 36¹⁴
VOR Rwy 4¹⁴
VOR Rwy 31¹⁴

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

NAME ALTERNATE

VERNON, TX

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

WICHITA FALLS, TX

KICKAPOO
DOWNTOWN (CWC).....RNAV (GPS) Rwy 35
NA when local weather not available.

SHEPPARD AFB/
WICHITA FALLS MUNI (KSPS).....RADAR-1
NA when Sheppard approach control closed.

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