

INSTRUMENT APPROACH PROCEDURE CHARTS

**A** IFR ALTERNATE AIRPORT MINIMUMS

Standard alternate minimums for non-precision approaches and approaches with vertical guidance [NDB, VOR, LOC, TACAN, LDA, SDF, VOR/DME, ASR, RNAV (GPS) or RNAV (RNP)] are 800-2. Standard alternate minimums for precision approaches (ILS, PAR, or GLS) are 600-2. Airports within this geographical area that require alternate minimums other than standard or alternate minimums with restrictions are listed below. NA - means alternate minimums are not authorized due to unmonitored facility, absence of weather reporting service, or lack of adequate navigation coverage. Civil pilots see FAR 91. IFR Alternate Minimums: Ceiling and Visibility Minimums not applicable to USA/USN/USAF. Pilots must review the IFR Alternate Minimums Notes for alternate airfield suitability.

NAME	ALTERNATE MINIMUMS	NAME	ALTERNATE MINIMUMS
<b>ALICE, TX</b>		<b>BEEVILLE, TX</b>	
ALICE INTL (ALI).....	LOC/DME Rwy 31 <sup>12</sup> RNAV (GPS) Rwy 13 <sup>1</sup> RNAV (GPS) Rwy 31 <sup>12</sup> VOR Rwy 31 <sup>12</sup> VOR-A <sup>3</sup>	BEEVILLE MUNI (BEA).....	RNAV (GPS) Rwy 30 Category C, 800-2½.
<sup>1</sup> NA when local weather not available.		<b>BIG LAKE, TX</b>	
<sup>2</sup> Category D, 800-2¼.		REAGAN COUNTY (E41).....	RNAV (GPS) Rwy 16 NA when local weather not available. Category C, 800-2¼.
<sup>3</sup> Categories A, B, 900-2; Category C, 900-2¾, Category D, 900-3.		<b>BIGGS AAF (KBIF)</b>	
<b>ALPINE, TX</b>		FORT BLISS, TX.....	RNAV (GPS) Rwy 22 NA when R-5103 in use.
ALPINE-CASPARIS		<b>BRADY, TX</b>	
MUNI (E38).....	RNAV (GPS) Rwy 19 <sup>1</sup> RNAV (GPS) Rwy 23 <sup>2</sup>	CURTIS FLD (BBD).....	RNAV (GPS) Rwy 17 RNAV (GPS) Rwy 35 NA when local weather not available.
<sup>1</sup> Category B, 1000-2; Category C, 1300-3.		<b>BROWNSVILLE, TX</b>	
<sup>2</sup> Category A, 900-2; Category B, 1000-2; Category C, 1300-3.		BROWNSVILLE/SOUTH PADRE ISLAND	
<b>AUSTIN, TX</b>		INTL (BRO).....	ILS or LOC Rwy 13 <sup>1</sup> LOC BC Rwy 31 <sup>1</sup> RNAV (GPS) Rwy 13 RNAV (GPS) Rwy 18 RNAV (GPS) Rwy 31 VOR or TACAN-A
AUSTIN			NA when local weather not available.
EXEC (EDC).....	RNAV (GPS) Rwy 13 RNAV (GPS) Rwy 31		<sup>1</sup> NA when control tower closed.
NA when local weather not available.		<b>BROWNWOOD, TX</b>	
<b>AUSTIN-BERGSTROM</b>		BROWNWOOD	
INTL (AUS).....	ILS or LOC Rwy 18L <sup>1</sup> ILS or LOC Rwy 36R <sup>1</sup> RNAV (GPS) Y Rwy 18L <sup>2</sup> RNAV (GPS) Y Rwy 18R <sup>2</sup> RNAV (GPS) Y Rwy 36L <sup>2</sup> RNAV (GPS) Y Rwy 36R <sup>2</sup>	RGNL (BWD).....	LOC Rwy 17 RNAV (GPS) Rwy 17 VOR Rwy 35
<sup>1</sup> LOC, Category E, 1000-3.			NA when local weather not available.
<sup>2</sup> Category E, 1000-3.			Category D, 800-2½.
<b>SAN MARCOS</b>		<b>BURNET, TX</b>	
RGNL (HYI).....	NDB Rwy 13 <sup>1</sup> RNAV (GPS) Rwy 8 <sup>2</sup> RNAV (GPS) Rwy 13 <sup>2</sup> RNAV (GPS) Rwy 17 <sup>2</sup> RNAV (GPS) Rwy 26 <sup>2</sup> RNAV (GPS) Rwy 31 <sup>2</sup> RNAV (GPS) Rwy 35 <sup>2</sup>	BURNET MUNI KATE CRADDOCK	
NA when local weather not available.		FLD (BMQ).....	RNAV (GPS) Rwy 1 RNAV (GPS) Rwy 19
<sup>1</sup> Category D, 800-2¼.			NA when local weather not available.
<sup>2</sup> Category D, 800-2¼; Category E, 800-2¾.			

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**CASTROVILLE, TX**

CASTROVILLE  
MUNI (CVB).....RNAV (GPS) Rwy 16  
RNAV (GPS) Rwy 34

NA when local weather not available.  
Category C, 900-2¼.

**COLEMAN, TX**

COLEMAN MUNI (COM).....RNAV (GPS) Rwy 15  
RNAV (GPS) Rwy 33<sup>1</sup>

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

**COMANCHE, TX**

COMANCHE  
COUNTY-CITY (MKN).....RNAV (GPS) Rwy 17  
RNAV (GPS) Rwy 35

NA when local weather not available.

**CORPUS CHRISTI, TX**

CORPUS CHRISTI  
INTL (CRP).....ILS or LOC Rwy 13<sup>1</sup>  
ILS or LOC Rwy 36<sup>2,4</sup>  
LOC Rwy 31<sup>2</sup>  
RNAV (GPS) Rwy 18<sup>3</sup>  
RNAV (GPS) X Rwy 31<sup>3</sup>  
RNAV (GPS) Y Rwy 13<sup>3</sup>  
RNAV (GPS) Y Rwy 31<sup>3</sup>  
RNAV (GPS) Y Rwy 36<sup>3</sup>  
VOR or TACAN Rwy 18<sup>3,4</sup>

<sup>1</sup>ILS, LOC, Category C, 800-2¼;  
Category D, 800-2½; Category E, 800-2¾.  
<sup>2</sup>LOC, Category C, 800-2¼; Category D, 800-2½;  
Category E, 800-2¾.  
<sup>3</sup>Category C, 800-2¼; Category D, 800-2½;  
Category E, 800-2¾.  
<sup>4</sup>NA when local weather not available.

**COTULLA, TX**

COTULLA-LA SALLE  
COUNTY (COT).....VOR-A

NA when local weather not available.

**DEL RIO, TX**

DEL RIO INTL (DRT).....RNAV (GPS) Rwy 13<sup>1</sup>  
VOR-A<sup>2,3</sup>

NA when local weather not available.  
<sup>1</sup>Category D, 800-2¼.  
<sup>2</sup>NA when Del Rio APP CON closed.  
<sup>3</sup>Category C, 800-2¼. Category D, 800-2½.

**EDINBURG, TX**

SOUTH TEXAS INTL AT  
EDINBURG (EBG).....RNAV (GPS) Rwy 14  
RNAV (GPS) Rwy 32

Category D, 800-2¼.

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**EL PASO, TX**

EL PASO INTL (ELP).....ILS or LOC Rwy 22<sup>1</sup>  
LOC/DME Rwy 4<sup>2</sup>  
RADAR-1<sup>3,4</sup>  
RNAV (GPS) Rwy 26R<sup>2</sup>  
RNAV (GPS) X Rwy 4<sup>2</sup>  
RNAV (GPS) Y Rwy 22<sup>2</sup>  
RNAV (GPS) Y Rwy 26L<sup>2</sup>  
VOR Rwy 26L<sup>3</sup>

<sup>1</sup>LOC, Category D, 800-2¼; Category E, 800-2½.  
<sup>2</sup>Category D, 800-2¼.  
<sup>3</sup>Category D, 800-2¼; Category E, 800-2½.  
<sup>4</sup>NA when local weather not available.

**FALFURRIAS, TX**

BROOKS  
COUNTY (BKS).....RNAV (GPS) Rwy 17  
RNAV (GPS) Rwy 35

Category C, 900-2½; Category D, 900-2¾.

**FORT HOOD/KILLEEN, TX**

ROBERT GRAY  
AAF (GRK).....ILS or LOC Rwy 15<sup>1</sup>  
ILS or LOC Rwy 33<sup>1</sup>  
RNAV (GPS) Rwy 15<sup>2</sup>  
RNAV (GPS) Rwy 33<sup>2</sup>

<sup>1</sup>LOC, Category E, 800-2½.  
<sup>2</sup>Category E, 800-2½.

**FORT STOCKTON, TX**

FORT STOCKTON-PECOS  
COUNTY (FST).....RNAV (GPS) Rwy 12<sup>1</sup>  
RNAV (GPS) Rwy 30<sup>1</sup>  
VOR Rwy 12

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

**FREDERICKSBURG, TX**

GILLESPIE  
COUNTY (T82).....RNAV (GPS) Rwy 14  
RNAV (GPS) Rwy 32  
VOR/DME-A

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

**GEORGETOWN, TX**

GEORGETOWN  
MUNI (GTU).....RNAV (GPS) Rwy 11<sup>1</sup>  
RNAV (GPS) Rwy 18  
RNAV (GPS) Rwy 29<sup>1</sup>  
RNAV (GPS) Rwy 36

Category D, 900-2¾.  
<sup>1</sup>NA when local weather not available.

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**HARLINGEN, TX**

VALLEY INTL (HRL).....**ILS or LOC Rwy 17R<sup>12</sup>**  
**LOC/DME BC Rwy 35L<sup>1</sup>**  
**RNAV (GPS) Rwy 17L<sup>2</sup>**  
**RNAV (GPS) Rwy 35R<sup>2</sup>**  
**RNAV (GPS) Y Rwy 13<sup>12</sup>**  
**RNAV (GPS) Y Rwy 17R<sup>12</sup>**  
**RNAV (GPS) Y Rwy 35L<sup>12</sup>**  
**VOR Rwy 17L<sup>2</sup>**  
**VOR/DME Y or TACAN Rwy 31<sup>23</sup>**

<sup>1</sup>NA when control tower closed.  
<sup>2</sup>NA when local weather not available.  
<sup>3</sup>Categories A, B, 1000-2;  
Categories C, D, 1000-3.

**HEBRONVILLE, TX**

JIM HOGG  
COUNTY (HBV).....**RNAV (GPS) Rwy 13**  
NA when local weather not available.

**HONDO, TX**

SOUTH TEXAS RGNL  
AT HONDO (HDO).....**RNAV (GPS) Rwy 17L**  
**RNAV (GPS) Rwy 35R**  
NA when local weather not available.

**INGLESIDE, TX**

MC CAMPBELL-  
PORTER (TFP).....**RNAV (GPS) Rwy 13**  
**RNAV (GPS) Rwy 31**  
NA when local weather not available.  
Category C, 900-2½; Category D, 1000-3.

**KENEDY, TX**

KENEDY  
RGNL (2R9).....**RNAV (GPS) Rwy 34**  
NA when local weather not available.

**KERRVILLE, TX**

KERRVILLE MUNI/LOUIS SCHREINER  
FLD (ERV).....**RNAV (GPS) Rwy 12<sup>1</sup>**  
**RNAV (GPS) Rwy 30<sup>2</sup>**  
**VOR-A<sup>3</sup>**  
NA when local weather not available.  
<sup>1</sup>Category C, 800-2¼; Category D, 1000-3.  
<sup>2</sup>Category C, 800-2¼.  
<sup>3</sup>Categories A, B, 900-2, Category C, 900-2½.

**LAMPASAS, TX**

LAMPASAS (LZZ).....**VOR-A**  
NA when local weather not available.

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**LAREDO, TX**

LAREDO  
INTL (LRD).....**ILS or LOC Rwy 18R<sup>12</sup>**  
**LOC BC Rwy 36L<sup>12</sup>**  
**RNAV (GPS) Rwy 14<sup>3</sup>**  
**RNAV (GPS) Rwy 18L<sup>3</sup>**  
**RNAV (GPS) Rwy 18R<sup>3</sup>**  
**RNAV (GPS) Rwy 32<sup>2</sup>**  
**RNAV (GPS) Rwy 36L<sup>3</sup>**  
**VOR or TACAN Rwy 14<sup>3</sup>**  
**VOR or TACAN Rwy 32<sup>3</sup>**

<sup>1</sup>NA when control tower closed.  
<sup>2</sup>LOC, Category D, 800-2¼; Category E, 800-2½.  
<sup>3</sup>Category D, 800-2¼; Category E, 800-2½.

**LLANO, TX**

LLANO MUNI (AQO).....**RNAV (GPS) Rwy 17**  
**VOR Rwy 31**  
**VOR-A**  
NA when local weather not available.

**MARFA, TX**

MARFA MUNI (MRF).....**RNAV (GPS) Rwy 31**  
**VOR Rwy 31**  
Category D, 1000-3.

**MC ALLEN, TX**

MC ALLEN MILLER  
INTL (MFE).....**ILS or LOC Rwy 14<sup>1</sup>**  
**ILS or LOC Rwy 32<sup>1</sup>**  
**RNAV (GPS) Rwy 14<sup>2</sup>**  
**RNAV (GPS) Rwy 32<sup>2</sup>**  
**VOR Rwy 14<sup>2</sup>**  
**VOR Rwy 32<sup>2</sup>**  
NA when local weather not available.  
<sup>1</sup>ILS, Category D, 700-2¼; LOC, Category D, 800-2¼.  
<sup>2</sup>Category D, 800-2¼.

**MIDLAND, TX**

MIDLAND  
AIRPARK (MDD).....**RNAV (GPS) Rwy 25<sup>1</sup>**  
**RNAV (GPS) Rwy 34**  
**VOR Rwy 25<sup>1</sup>**  
NA when local weather not available.  
<sup>1</sup>Category D, 900-3.

MIDLAND INTL AIR AND SPACE

PORT (MAF).....**ILS or LOC Rwy 10<sup>12</sup>**  
**VOR or TACAN Rwy 34L<sup>3</sup>**  
**VOR or TACAN Rwy 16R<sup>3</sup>**  
<sup>1</sup>ILS, Category D, 700-2; Category E, 800-2½;  
LOC, Category E, 800-2½.  
<sup>2</sup>NA when control tower closed.  
<sup>3</sup>Category E, 800-2½.

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**NEW BRAUNFELS, TX**

NEW BRAUNFELS  
NTL (BAZ).....RNAV (GPS) Rwy 13  
RNAV (GPS) Rwy 17  
RNAV (GPS) Rwy 31  
RNAV (GPS) Rwy 35

NA when local weather not available.

**ODESSA, TX**

ODESSA-SCHLEMEYER  
FLD (ODO).....RNAV (GPS) Rwy 11  
RNAV (GPS) Rwy 20  
RNAV (GPS) Rwy 29  
VOR-A

NA when local weather not available.

**PECOS, TX**

PECOS MUNI (PEQ).....RNAV (GPS) Rwy 14  
RNAV (GPS) Rwy 32

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

**PLEASANTON, TX**

PLEASANTON  
MUNI (PEZ).....RNAV (GPS) Rwy 34

NA when local weather not available.

**PORT ARANSAS, TX**

MUSTANG  
BEACH (RAS).....RNAV (GPS) Rwy 12  
RNAV (GPS) Rwy 30

NA when local weather not available.

**PORT ISABEL, TX**

PORT ISABEL-CAMERON  
COUNTY (PIL).....RNAV (GPS) Rwy 13

NA when local weather not available.

**ROBSTOWN, TX**

NUECES  
COUNTY (RBO).....RNAV (GPS) Rwy 13  
RNAV (GPS) Rwy 31

NA when local weather not available.

**ROCKPORT, TX**

ARANSAS  
COUNTY (RKP).....RNAV (GPS) Rwy 14  
RNAV (GPS) Rwy 18  
RNAV (GPS) Rwy 32  
RNAV (GPS) Rwy 36  
VOR or TACAN-A<sup>1</sup>

NA when local weather not available.

<sup>1</sup>Category C, 800-2¼.

**ROCKSPRINGS, TX**

EDWARDS  
COUNTY (ECU).....VOR Rwy 14

NA when local weather not available.

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**SAN ANGELO, TX**

SAN ANGELO RGNL/  
MATHIS FLD (SJT).....ILS Y or LOC Y Rwy 3<sup>12</sup>  
NDB Rwy 3<sup>3</sup>  
RADAR-1<sup>34</sup>  
RNAV (GPS) Rwy 3<sup>5</sup>  
RNAV (GPS) Rwy 18<sup>5</sup>  
RNAV (GPS) Rwy 21<sup>5</sup>  
RNAV (GPS) Rwy 36<sup>5</sup>  
VOR/DME or TACAN Rwy 3<sup>5</sup>

<sup>1</sup>LOC, Category D, 800-2½; Category E, 800-2¾.

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

<sup>3</sup>NA when control tower closed.

<sup>4</sup>Category D, 800-2½.

<sup>5</sup>Category D, 800-2½; Category E, 800-2¾.

**SAN ANTONIO, TX**

BOERNE STAGE  
FLD (5C1).....RNAV (GPS) Rwy 17  
RNAV (GPS) Rwy 35

NA when local weather not available.

**SAN ANTONIO**

INTL (SAT).....ILS or LOC Rwy 4<sup>1</sup>  
ILS or LOC Rwy 13R<sup>2</sup>  
ILS or LOC Rwy 31L<sup>3</sup>  
RNAV (GPS) Y Rwy 4<sup>4</sup>  
RNAV (GPS) Y Rwy 13R<sup>5</sup>  
RNAV (GPS) Y Rwy 22<sup>4</sup>  
RNAV (GPS) Y Rwy 31L<sup>4</sup>

<sup>1</sup>ILS, LOC, Category D, 800-2¼.

<sup>2</sup>LOC, Category D, 800-2½.

<sup>3</sup>LOC, Category D, 800-2¼.

<sup>4</sup>Category D, 800-2¼.

<sup>5</sup>Categories A, B, 900-2; Category C, 900-2½;

Category D, 900-2¾.

**SINTON, TX**

ALFRED C BUBBA  
THOMAS (T69).....RNAV (GPS) Rwy 14  
RNAV (GPS) Rwy 32  
VOR Rwy 14

NA when local weather not available.

**TAYLOR, TX**

TAYLOR  
MUNI (T74).....RNAV (GPS) Rwy 17  
VOR Rwy 17

NA when local weather not available.

**TEMPLE, TX**

DRAUGHON-MILLER CENTRAL  
TEXAS RGNL (TPL).....RNAV (GPS) Rwy 15  
RNAV (GPS) Rwy 33

Category D, 800-2¼.

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**UVALDE, TX**

GARNER FLD (UVA).....RNAV (GPS) Rwy 33  
Category D, 800-2¼.

**VAN HORN, TX**

CULBERSON  
COUNTY (VHN).....RNAV (GPS) Rwy 21  
Category D, 1700-3.

**WACO, TX**

TSTC WACO (CNW).....NDB Rwy 35R<sup>12</sup>  
RNAV (GPS) Rwy 17L  
RNAV (GPS) Rwy 35R

NA when local weather not available.  
<sup>1</sup>NA when Waco Rgnl approach control closed.  
<sup>2</sup>Category D, 800-2¼.

**MC GREGOR**

EXEC (PWG).....RNAV (GPS) Rwy 17  
RNAV (GPS) Rwy 35

NA when local weather not available.

**WACO RGNL (ACT).....ILS or LOC Rwy 19<sup>1</sup>**

RNAV (GPS) Rwy 1  
RNAV (GPS) Rwy 14  
RNAV (GPS) Rwy 19  
RNAV (GPS) Rwy 32  
VOR/DME Rwy 32

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

**WESLACO, TX**

MID  
VALLEY (TXW).....RNAV (GPS) Rwy 14  
NA when local weather not available.  
Category D, 900-2¼.

**WINK, TX**

WINKLER  
COUNTY (INK).....RNAV (GPS) Rwy 13<sup>1</sup>  
RNAV (GPS) Rwy 31<sup>1</sup>  
VOR Rwy 13

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

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