

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
<b>ALICE, TX</b>	
ALICE INTL (ALI).....	<b>LOC/DME Rwy 31<sup>1</sup></b>
	<b>RNAV (GPS) Rwy 13<sup>1</sup></b>
	<b>RNAV (GPS) Rwy 31<sup>1</sup></b>
	<b>VOR-A<sup>2</sup></b>

<sup>1</sup>NA when local weather not available.  
<sup>2</sup>Categories A, B, 900-2; Category C, 900-2½, Category D, 900-3.

<b>ALPINE, TX</b>	
ALPINE-CASPARIS	
MUNI (E38).....	<b>RNAV (GPS) Rwy 19<sup>1</sup></b>
	<b>RNAV (GPS) Rwy 23<sup>2</sup></b>

<sup>1</sup>Category B, 1000-2; Category C, 1300-3.  
<sup>2</sup>Category A, 900-2; Category B, 1000-2; Category C, 1300-3.

<b>AUSTIN, TX</b>	
AUSTIN	
EXECUTIVE (EDC).....	<b>RNAV (GPS) Rwy 13</b>
	<b>RNAV (GPS) Rwy 31</b>
NA when local weather not available.	

AUSTIN-BERGSTROM	
INTL (AUS).....	<b>ILS or LOC Rwy 17L<sup>1</sup></b>
	<b>ILS or LOC Rwy 17R<sup>1</sup></b>
	<b>ILS or LOC Rwy 35L<sup>2</sup></b>
	<b>ILS or LOC Rwy 35R<sup>3</sup></b>
	<b>RNAV (GPS) Y Rwy 17L<sup>4</sup></b>
	<b>RNAV (GPS) Y Rwy 17R<sup>4</sup></b>
	<b>RNAV (GPS) Y Rwy 35L<sup>4</sup></b>
	<b>RNAV (GPS) Y Rwy 35R<sup>4</sup></b>

<sup>1</sup>LOC, Category E, 1000-3.  
<sup>2</sup>ILS, Categories C, D, 700-2; Category E, 1000-3;  
 LOC, Category E, 1000-3.  
<sup>3</sup>LOC, Category E, 1000-3.  
<sup>4</sup>Category E, 1000-3.

NAME	ALTERNATE MINIMUMS
<b>AUSTIN, TX (CON'T)</b>	
SAN MARCOS	
REGIONAL (HYI).....	<b>RNAV (GPS) Rwy 8</b>
	<b>RNAV (GPS) Rwy 13</b>
	<b>RNAV (GPS) Rwy 17</b>
	<b>RNAV (GPS) Rwy 26</b>
	<b>RNAV (GPS) Rwy 31</b>
	<b>RNAV (GPS) Rwy 35</b>

NA when local weather not available.  
 Category D, 800-2½; Category E, 800-2¾.

<b>BEEVILLE, TX</b>	
BEEVILLE MUNI (BEA).....	<b>RNAV (GPS) Rwy 30</b>
Category C, 800-2½.	

<b>BIG LAKE, TX</b>	
REAGAN COUNTY (E41).....	<b>RNAV (GPS) Rwy 16</b>
NA when local weather not available.	
Category C, 800-2½.	

<b>BIGGS AAF (KBIF)</b>	
FORT BLISS, TX.....	<b>RNAV (GPS) Rwy 22</b>
NA when R-5103 in use.	

<b>BRADY, TX</b>	
CURTIS FIELD (BBD).....	<b>RNAV (GPS) Rwy 17</b>
	<b>RNAV (GPS) Rwy 35</b>
NA when local weather not available.	

<b>BROWNSVILLE, TX</b>	
BROWNSVILLE/SOUTH PADRE ISLAND	
INTL (BRO).....	<b>ILS or LOC Rwy 13<sup>1</sup></b>
	<b>LOC BC Rwy 31<sup>1</sup></b>
	<b>RNAV (GPS) Rwy 13</b>
	<b>RNAV (GPS) Rwy 18</b>
	<b>RNAV (GPS) Rwy 31</b>
	<b>VOR or TACAN-A</b>

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

<b>BURNET, TX</b>	
BURNET MUNI KATE CRADDOCK	
FIELD (BMQ).....	<b>RNAV (GPS) Rwy 1</b>
	<b>RNAV (GPS) Rwy 19</b>
NA when local weather not available.	

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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

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

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

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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</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.

**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, 800-2½.  
<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<sup>1</sup>

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

**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/DME Rwy 17L**<sup>3</sup>  
**VOR/DME Y or TACAN Rwy 31**<sup>24</sup>

<sup>1</sup>NA when control tower closed.  
<sup>2</sup>NA when local weather not available.  
<sup>3</sup>Categories A, B, 900-2;  
Categories C, D, 900-2½.  
<sup>4</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).....**NDB Rwy 35R**  
**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.

**KERRVILLE, TX**

KERRVILLE MUNI/LOUIS SCHREINER  
FIELD (ERV).....**RNAV (GPS) Rwy 12**<sup>1</sup>  
**RNAV (GPS) Rwy 30**<sup>3</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>3</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**  
**RNAV (GPS) Rwy 35**  
**VOR-A**

NA when local weather not available.

**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**  
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>  
**RADAR**<sup>-13</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.

**NEW BRAUNFELS, TX**

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

NA when local weather not available.

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**ODESSA, TX**

ODESSA-SCHLEMEYER  
FIELD (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.

**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 FIELD (SJT)..... **ILS Y or LOC Y Rwy 3<sup>12</sup>**  
**NDB Rwy 3<sup>34</sup>**  
**RADAR-1<sup>35</sup>**  
**RNAV (GPS) Rwy 3<sup>5</sup>**  
**RNAV (GPS) Rwy 18<sup>5</sup>**  
**RNAV (GPS) Rwy 21<sup>5</sup>**  
**VOR Rwy 21<sup>4</sup>**  
**VOR/DME or TACAN Rwy 3<sup>5</sup>**

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

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

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

<sup>4</sup>Category D, 800-2¼.

<sup>5</sup>Category D, 800-2¼, Category E, 800-2¼.

**SAN ANTONIO, TX**

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

NA when local weather not available.

**SAN ANTONIO**

INTL (SAT)..... **ILS or LOC Rwy 13R<sup>1</sup>**  
**RNAV (GPS) Y Rwy 13R<sup>2</sup>**

<sup>1</sup>ILS, 700-2.

<sup>2</sup>Categories A, B, 900-2; Category C, 900-2¼;

Category D, 900-2¼.

**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.

**UVALDE, TX**

GARNER FIELD (UVA)..... **RNAV (GPS) Rwy 33**

NA when local weather not available.

**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.

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**WACO, TX (CON'T)**

MC GREGOR  
EXECUTIVE (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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