

## 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>AUSTIN, TX (CON'T)</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>	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>
	<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.		NA when local weather not available. Category D, 800-2½; Category E, 800-2½.
<b>ALPINE, TX</b>		<b>BEEVILLE, TX</b>	
ALPINE-CASPARIS		BEEVILLE MUNI (BEA).....	<b>RNAV (GPS) Rwy 30</b>
MUNI (E38).....	<b>RNAV (GPS) Rwy 19<sup>1</sup></b> <b>RNAV (GPS) Rwy 23<sup>2</sup></b>		Category C, 800-2½.
	<sup>1</sup> Category B, 1000-2; Category C, 1300-3.	<b>BRADY, TX</b>	
	<sup>2</sup> Category A, 900-2; Category B, 1000-2; Category C, 1300-3.	CURTIS FIELD (BBD).....	<b>RNAV (GPS) Rwy 17</b> <b>RNAV (GPS) Rwy 35</b>
<b>AUSTIN, TX</b>			NA when local weather not available.
AUSTIN		<b>BROWNSVILLE, TX</b>	
EXECUTIVE (EDC).....	<b>RNAV (GPS) Rwy 13</b> <b>RNAV (GPS) Rwy 31</b>	BROWNSVILLE/SOUTH PADRE ISLAND	
	NA when local weather not available.	INTL (BRO).....	<b>ILS or LOC Rwy 13<sup>12</sup></b> <b>LOC BC Rwy 31<sup>1</sup></b> <b>RNAV (GPS) Rwy 13</b> <b>RNAV (GPS) Rwy 18</b>
<b>AUSTIN-BERGSTROM</b>			NA when local weather not available.
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> NA when control tower closed. <sup>2</sup> ILS, Category D, 700-2.
	<sup>1</sup> LOC, Category E, 1000-3.	<b>BURNET, TX</b>	
	<sup>2</sup> ILS, Categories C, D, 700-2; Category E, 1000-3; LOC, Category E, 1000-3.	BURNET MUNI/KATE CRADDOCK	
	<sup>3</sup> LOC, Category E, 1000-3.	FIELD (BMQ).....	<b>RNAV (GPS) Rwy 1</b> <b>RNAV (GPS) Rwy 19</b>
	<sup>4</sup> Category E, 1000-3.		NA when local weather not available. Category C, 800-2½.
<b>CASTROVILLE, TX</b>			
CASTROVILLE			
MUNI (CVB).....	<b>RNAV (GPS) Rwy 16</b> <b>RNAV (GPS) Rwy 34</b>		
	NA when local weather not available. Category C, 900-2½.		

03 JAN 2019 to 31 JAN 2019

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NAME ALTERNATE MINIMUMS

**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, 800-2½.**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</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</sup><sup>1</sup>ILS, LOC, Category C, 800-2½;

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

<sup>2</sup>LOC, Category C, 800-2½; Category D, 800-2½;

Category E, 800-2½.

<sup>3</sup>Category C, 800-2½; Category D, 800-2½;

Category E, 800-2½.

**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>12</sup>

NA when local weather not available.

<sup>1</sup>NA when Del Rio APP CON closed.<sup>2</sup>Category C, 800-2½. Category D, 800-2½.**EL PASO, TX**EL PASO INTL (ELP).....ILS or LOC Rwy 22<sup>1</sup>  
RADAR-1<sup>2</sup>  
RNAV (GPS) Rwy 26R<sup>3</sup>  
VOR Rwy 26L<sup>2</sup><sup>1</sup>ILS, Category E, 700-2½. LOC, Category E, 800-2½.<sup>2</sup>Category E, 800-2½.<sup>3</sup>Category D, 1900-3.**FALFURRIAS, TX**

BROOKS

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

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

NAME ALTERNATE MINIMUMS

**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>12</sup>  
RNAV (GPS) Rwy 30<sup>12</sup>  
VOR Rwy 12<sup>2</sup>  
VOR/DME Rwy 30<sup>2</sup><sup>1</sup>NA when local weather not available.<sup>2</sup>Category D, 800-2½.**FREDERICKSBURG, TX**

GILLESPIE

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

NA when local weather not available.

Category C, 800-2½.

**GEORGETOWN, TX**

GEORGETOWN

MUNI (GTU).....RNAV (GPS) Rwy 11  
RNAV (GPS) Rwy 18  
RNAV (GPS) Rwy 29  
RNAV (GPS) Rwy 36

NA when local weather not available.

Category D, 900-2½.

**HAMILTON, TX**HAMILTON MUNI (MNZ).....RNAV (GPS) Rwy 18  
RNAV (GPS) Rwy 36

NA when local weather not available.

**HARLINGEN, TX**VALLEY INTL (HRL).....ILS or LOC Rwy 17R<sup>13</sup>  
LOC/DME BC Rwy 35L<sup>3</sup>  
RNAV (GPS) Rwy 17L<sup>2</sup>  
RNAV (GPS) Rwy 35R<sup>2</sup>  
RNAV (GPS) Y Rwy 13<sup>23</sup>  
RNAV (GPS) Y Rwy 17R<sup>23</sup>  
RNAV (GPS) Y Rwy 35L<sup>23</sup>  
VOR/DME Rwy 17L<sup>4</sup><sup>1</sup>ILS, Category D, 700-2.<sup>2</sup>NA when local weather not available.<sup>3</sup>NA when control tower closed.<sup>4</sup>Categories A, B, 900-2; Categories C, D, 900-2½.

NAME ALTERNATE MINIMUMS

**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>2</sup>  
 VOR-A<sup>3</sup>

NA when local weather not available.  
<sup>1</sup>Category C, 800-2½; Category D, 800-2½.  
<sup>2</sup>Category C, 800-2½.  
<sup>3</sup>Categories A, B, 900-2, Category C, 900-2½.

**LAMPASAS, TX**

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

**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, 800-2½; Category E, 800-2½.  
<sup>3</sup>Category D, 800-2½; 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.

NAME ALTERNATE

**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, 700-2½; LOC, Category D, 800-2½.  
<sup>2</sup>Category D, 800-2½.

**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-1<sup>3</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.

**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.

NAME ALTERNATE MINIMUMS

**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<sup>1</sup>  
 RNAV (GPS) Rwy 18<sup>1</sup>  
 RNAV (GPS) Rwy 32<sup>1</sup>  
 RNAV (GPS) Rwy 36<sup>1</sup>  
 VOR/DME or TACAN-A<sup>2</sup>

<sup>1</sup>NA when local weather not available.<sup>2</sup>Category C, 800-2¼.**ROCKSPRINGS, TX**

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

NA when local weather not available.

**SAN ANGELO, TX**

SAN ANGELO RGNL/  
 MATHIS FIELD (SJT).....ILS or LOC Rwy 3<sup>1</sup>  
 NDB Rwy 3<sup>2</sup>  
 VOR Rwy 21<sup>2</sup>  
 VOR/DME or TACAN Rwy 3<sup>3</sup>  
 RADAR-1<sup>3</sup>

<sup>1</sup>ILS, Category E, 800-2½. LOC, Category E, 800-2½.<sup>2</sup>NA when control tower closed.<sup>3</sup>Category E, 800-2½.**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, 900-2½; Category D, 900-2¾.

NAME ALTERNATE

**SAN ANTONIO, TX (CONT.)**

STINSON MUNI (SSF).....RNAV (GPS) Rwy 32  
 VOR Rwy 32

NA when local weather not available.

**TEMPLE, TX**

DRAUGHON-MILLER CENTRAL  
 TEXAS RGNL (TPL).....RNAV (GPS) Rwy 2  
 RNAV (GPS) Rwy 15  
 RNAV (GPS) Rwy 33  
 VOR Rwy 33

NA when local weather not available.

**UVALDE, TX**

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

NA when local weather not available.

**WACO, TX**

MC GREGOR  
 EXECUTIVE (PWG).....RNAV (GPS) Rwy 17  
 RNAV (GPS) Rwy 35

NA when local weather not available.

TSTC WACO (CNW).....NDB Rwy 35R<sup>1</sup>  
 RNAV (GPS) Rwy 17L  
 RNAV (GPS) Rwy 35R

NA when local weather not available.

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

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, 900-2¾.

**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, 800-2¾.