

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>BAKERSFIELD, CA</b>	
MEADOWS	
FIELD (BFL).....	<b>ILS or LOC Rwy 30R<sup>1</sup></b> <b>RNAV (GPS) Rwy 12L</b> <b>RNAV (GPS) Rwy 30R</b>

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

<b>BIG BEAR CITY, CA</b>	
BIG BEAR CITY (L35).....	<b>RNAV (GPS) Rwy 26</b>
Categories A, B, 1600-2.	

<b>BLYTHE, CA</b>	
BLYTHE (BLH).....	<b>RNAV (GPS) Rwy 26<sup>1</sup></b> <b>VOR /DME-A<sup>2</sup></b> <b>VOR/DME Rwy 26<sup>2</sup></b>

<sup>1</sup>Categories A, B, 1700-2; Categories C, D, 1700-3  
<sup>2</sup>Category D, 900-2½.

<b>BURBANK, CA</b>	
BOB HOPE (BUR).....	<b>ILS Z or LOC Z Rwy 8<sup>14</sup></b> <b>ILS Y or LOC Y Rwy 8<sup>3</sup></b> <b>RNAV (GPS)-A<sup>2</sup></b> <b>RNAV (GPS) Z Rwy 8<sup>2</sup></b> <b>RNAV (RNP) Y Rwy 8<sup>5</sup></b> <b>VOR Rwy 8<sup>2</sup></b>

<sup>1</sup>ILS, LOC, Category B, 900-2; Category C, 1500-3; Category D, 1600-3.  
<sup>2</sup>Categories A, B, 900-2; Category C, 1500-3; Category D, 1600-3.  
<sup>3</sup>ILS, LOC, Categories A, B, 900-2; Category C, 1500-3; Category D, 1600-3.  
<sup>4</sup>NA when tower closed.  
<sup>5</sup>Categories A, B, C, D, 800-2½.

<b>CAMARILLO, CA</b>	
CAMARILLO (CMA).....	<b>RNAV (GPS) Rwy 8<sup>13</sup></b> <b>RNAV (GPS) Y Rwy 26<sup>1</sup></b> <b>VOR Rwy 26<sup>2</sup></b>

<sup>1</sup>NA when local weather not available.  
<sup>2</sup>Categories A, B, 1100-2; Category C, 1100-3.  
<sup>3</sup>Categories C, D, 800-2½.

NAME	ALTERNATE MINIMUMS
<b>CARLSBAD, CA</b>	
MC CLELLAN-	
PALOMAR (CRQ).....	<b>ILS or LOC Rwy 24<sup>12</sup></b> <b>RNAV (GPS) X Rwy 24<sup>3</sup></b> <b>RNAV (GPS) Y Rwy 6<sup>4</sup></b> <b>RNAV (GPS) Y Rwy 24<sup>3</sup></b> <b>VOR-A<sup>56</sup></b>

<sup>1</sup>NA when control tower closed.  
<sup>2</sup>ILS, Categories A, B, 700-2; Category C, 1000-2½. LOC, Category C 1000-2½.  
<sup>3</sup>Category C, 1000-2½.  
<sup>4</sup>Categories A, B, 900-2; Category C, 1000-2½; Category D 1500-3.  
<sup>5</sup>Categories A, B, 1000-2; Category C, 1000-3.  
<sup>6</sup>NA when local weather not available.

<b>CHINO, CA</b>	
CHINO (CNO).....	<b>ILS or LOC Rwy 26R</b>
NA when control tower closed.	

<b>DAGGETT, CA</b>	
BARSTOW-	
DAGGETT (DAG).....	<b>RNAV (GPS) Rwy 22<sup>1</sup></b> <b>RNAV (GPS) Rwy 26<sup>3</sup></b> <b>VOR or TACAN Rwy 22<sup>2</sup></b>

NA when local weather not available.  
<sup>1</sup>Category B, 900-2; Category C, 1000-2½; Category D, 1000-3.  
<sup>2</sup>Categories A, B, 1700-2; Categories C, D, 1700-3.  
<sup>3</sup>Category B, 1000-2; Categories C, D, 1600-3.

<b>EL MONTE, CA</b>	
SAN GABRIEL VALLEY (EMT).....	<b>VOR-A<sup>1</sup></b> <b>VOR or GPS-B<sup>23</sup></b>

<sup>1</sup>NA when local weather not available.  
<sup>2</sup>NA when control tower closed.  
<sup>3</sup>Categories A, B, 1100-2.

<b>FULLERTON, CA</b>	
FULLERTON MUNI (FUL).....	<b>LOC/DME Rwy 24<sup>1</sup></b> <b>VOR-A<sup>2</sup></b>

<sup>1</sup>NA when control tower closed.  
<sup>2</sup>Categories A, B, 1500-2.

08 NOV 2018 to 06 DEC 2018

08 NOV 2018 to 06 DEC 2018

NAME ALTERNATE MINIMUMS

**HAWTHORNE, CA**

JACK NORTROP FIELD/  
HAWTHORNE MUNI (HHR).....**LOC Rwy 25<sup>12</sup>**  
**RNAV (GPS) Rwy 25<sup>2</sup>**  
**VOR Rwy 25<sup>13</sup>**

<sup>1</sup>NA when control tower closed.<sup>2</sup>Category D, 800-2¼.<sup>3</sup>NA when local weather not available.**LA VERNE, CA**

BRACKETT FIELD (POC).....**ILS Rwy 26L**  
**LOC Rwy 26L**  
**VOR or GPS-A<sup>1</sup>**

NA when control tower closed.

<sup>1</sup>Category C, 800-2¼.**LANCASTER, CA**

GENERAL WILLIAM J. FOX  
AIRFIELD (WJF).....**VOR-B<sup>1</sup>**  
**RNAV (GPS) Rwy 6<sup>2</sup>**  
**RNAV (GPS) Rwy 24<sup>2</sup>**

<sup>1</sup>Categories A, B, 1000-2; Categories C, D, 1000-3.<sup>2</sup>NA when local weather not available.**LOMPOC, CA**

LOMPOC (LPC).....**RNAV (GPS) Rwy 25<sup>1</sup>**  
**VOR/DME-A<sup>2</sup>**

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

LONG BEACH/DAUGHERTY  
FIELD (LGB).....**ILS or LOC Rwy 30<sup>12</sup>**  
**RNAV (GPS) Z Rwy 30<sup>3</sup>**  
**RNAV (RNP) Rwy 12<sup>1</sup>**  
**RNAV (RNP) Rwy 26R<sup>1</sup>**  
**RNAV (RNP) Y Rwy 30<sup>1</sup>**  
**VOR or TACAN Rwy 30<sup>14</sup>**

<sup>1</sup>NA when control tower closed.<sup>2</sup>LOC, Category C, 800-2¼; Category D, 800-2½.<sup>3</sup>Categories A, B, 900-2; Category C, 900-2½; Category D, 900-2¾.<sup>4</sup>Category C, 800-2¼; Category D, 800-2½.**LOS ANGELES, CA**

WHITEMAN (WHP).....**VOR-A**  
Categories A, B, 900-2; Category C, 900-2½.  
NA when control tower closed.

**NEEDLES, CA**

NEEDLES (EED).....**VOR-A**  
Category D, 800-2½.

NAME ALTERNATE MINIMUMS

**OCEANSIDE, CA**

BOB MAXWELL MEMORIAL  
AIRFIELD (OKB).....**VOR-A**  
Categories A, B, 1200-2.

**ONTARIO, CA**

ONTARIO INTL (ONT).....**ILS or LOC Rwy 8L<sup>1</sup>**  
**ILS or LOC Rwy 26L<sup>2</sup>**  
**ILS or LOC Rwy 26R<sup>3</sup>**

<sup>1</sup>ILS, Category D, 700-2.<sup>2</sup>ILS, Categories, A, B, 800-2; Categories C, D, 800 -2 ½; LOC, Categories, C, D, 800-2½.<sup>3</sup>ILS, Categories A, B, C, 700-2; Category D, 700-2¼; LOC, Category D, 800-2¼.**OXNARD, CA**

OXNARD (OXR).....**ILS or LOC Rwy 25<sup>12</sup>**  
**RNAV (GPS) Rwy 7**  
**RNAV (GPS) Rwy 25**  
**VOR Rwy 25**

NA when local weather not available.

<sup>1</sup>ILS, Category D, 700-2.<sup>2</sup>NA when control tower closed.**PALM SPRINGS, CA**

JACQUELINE COCHRAN  
RGNL (TRM).....**RNAV (GPS) Rwy 30<sup>1</sup>**  
**RNAV (GPS) Rwy 35<sup>2</sup>**  
**VOR Rwy 30<sup>1</sup>**  
**VOR-A<sup>3</sup>**

<sup>1</sup>Category, D, 900-3.<sup>2</sup>Categories C, D, 1100-3.<sup>3</sup>Categories A, B, 1600-2; Categories C, D, 1600-3.**PALM SPRINGS**

INTL (PSP).....**VOR or GPS-B**  
Categories A, B, 1900-2; Categories C, D, 1900-3.

**PALMDALE, CA**

PALMDALE USAF  
PLANT 42 (PMD).....**ILS or LOC Rwy 25<sup>12</sup>**  
**RNAV (GPS) Rwy 7<sup>3</sup>**  
**RNAV (GPS) Rwy 22<sup>3</sup>**  
**RNAV (GPS) Rwy 25<sup>3</sup>**  
**VOR or TACAN Rwy 25<sup>4</sup>**

<sup>1</sup>NA when control tower closed.<sup>2</sup>ILS, LOC, Categories A, B, 1000-2; Category C, 1000-3; Category D, 1200-3; Category E, 1300-3.<sup>3</sup>Category D, 1200-3.<sup>4</sup>Category D, 1200-3; Category E, 1300-3.

NAME ALTERNATE MINIMUMS

**PASO ROBLES, CA**

PASO ROBLES  
MUNI (PRB).....**RNAV (GPS) Rwy 19<sup>1</sup>**  
**RNAV (GPS) Rwy 31<sup>23</sup>**  
**VOR Rwy 19<sup>1</sup>**  
**VOR-B<sup>1</sup>**

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

**RAMONA, CA**

RAMONA (RNM).....**RNAV (GPS)-B<sup>1</sup>**  
**RNAV (GPS) Rwy 9<sup>2</sup>**  
**VOR/DME-A<sup>3</sup>**

- NA when local weather not available.
- <sup>1</sup>Categories A, B, 1400-2; Category C, 1400-3.
- <sup>2</sup>Categories A, B, 900-2; Category C, 900-2½.
- <sup>3</sup>Categories A, B 1200-2; Category C, 1200-3.

**RIVERSIDE, CA**

RIVERSIDE  
MUNI (RAL).....**ILS or LOC Rwy 9<sup>123</sup>**  
**RNAV (GPS) Rwy 9<sup>34</sup>**  
**RNAV (GPS) Rwy 27<sup>5</sup>**  
**VOR-A<sup>36</sup>**  
**VOR Rwy 9<sup>35</sup>**

- <sup>1</sup>NA when control tower closed.
- <sup>2</sup>ILS, LOC, Category C, 900-2¼; Category D, 900-2½.
- <sup>3</sup>NA when local weather not available.
- <sup>4</sup>Category C, 900-2¼; Category D, 900-2½.
- <sup>5</sup>Categories A, B, 1300-2; Category C, 1300-3.
- <sup>6</sup>Categories A, B, 1500-2; Categories C, D, 1500-3.

**SAN BERNARDINO, CA**

SAN BERNARDINO  
INTL (SBD).....**ILS or LOC Z Rwy 6<sup>12</sup>**  
**LOC Y Rwy 6<sup>13</sup>**  
**RNAV (GPS) Y Rwy 6<sup>4</sup>**  
**RNAV (GPS) Z Rwy 6<sup>5</sup>**

- NA when local weather not available.
- <sup>1</sup>NA when control tower closed.
- <sup>2</sup>LOC, Category D, 1500-3.
- <sup>3</sup>Categories A, B, 1000-2; Category C, 1000-3, Category D, 1500-3.
- <sup>4</sup>Categories A, B, 1400-2; Category C, 1400-3, Category D, 1500-3.
- <sup>5</sup>Category D, 1500-3.

NAME ALTERNATE MINIMUMS

**SAN DIEGO, CA**

BROWN FIELD  
MUNI (SDM).....**RNAV (GPS) Rwy 8L<sup>13</sup>**  
**VOR or GPS-A<sup>2</sup>, 800-2¼**

- <sup>1</sup>NA when local weather not available.
- <sup>2</sup>NA when control tower closed.
- <sup>3</sup>Category D, 1800-3.

**MONTGOMERY-GIBBS**

EXECUTIVE (MYF).....**ILS or LOC Rwy 28R**  
**RNAV (GPS) Rwy 28R**  
NA when local weather not available.

**SAN DIEGO**

INTL (SAN).....**ILS Y or LOC Y Rwy 9<sup>1</sup>**  
**ILS Z or LOC Z Rwy 9<sup>2</sup>**  
**LOC Rwy 27<sup>3</sup>**  
**RNAV (GPS) Rwy 9<sup>4</sup>**  
**RNAV (GPS) Y Rwy 27<sup>3</sup>**  
**RNAV (RNP) Z Rwy 27<sup>5</sup>**

- <sup>1</sup>LOC, Categories A, B, 1000-2; Category C, 1000-2¾; Category D, 1000-3.
- <sup>2</sup>LOC, Category B, 900-2; Category C, 900-2¼; Category D, 1000-3.
- <sup>3</sup>Categories A, B, 900-2; Category C, 900-2½; Category D, 1000-3.
- <sup>4</sup>Category B, 900-2; Category C, 900-2¼; Category D, 1000-3.
- <sup>5</sup>Categories A, B, C, D, 800-2½.

**SAN DIEGO/EL CAJON, CA**

GILLESPIE  
FIELD (SEE).....**LOC-D<sup>12</sup>**  
**RNAV (GPS) Rwy 9L<sup>3</sup>**  
**RNAV (GPS) Rwy 17<sup>45</sup>**

- <sup>1</sup>NA when control tower closed.
- <sup>2</sup>Categories A, B, 1200-2; Categories C, D, 1600-3.
- <sup>3</sup>Categories, A, B, 1400-2.
- <sup>4</sup>Categories A, B, 1100-2; Categories C, D, 1100-3.
- <sup>5</sup>NA when local weather not available.

**SAN LUIS OBISPO, CA**

SAN LUIS  
COUNTY RGNL (SBP).....**ILS Rwy 11<sup>1</sup>**  
**LOC Rwy 11<sup>13</sup>**  
**RNAV (GPS) Rwy 11<sup>4</sup>**  
**VOR or TACAN A<sup>2</sup>**

- <sup>1</sup>NA when control tower closed.
- <sup>2</sup>Categories A, B, 1500-2; Categories C, D, 1500-3.
- <sup>3</sup>Categories A, B, 1000-2; Category C, 1000-3; Category D, 1100-3.
- <sup>4</sup>Category C, 1000-2¾; Category D, 1100-3.

08 NOV 2018 to 06 DEC 2018

08 NOV 2018 to 06 DEC 2018

NAME ALTERNATE MINIMUMS

**SANTA ANA, CA**

JOHN WAYNE AIRPORT-ORANGE  
 COUNTY (SNA)..... **ILS or LOC Rwy 20R**<sup>13</sup>  
   **LDA/DME Rwy 20R**<sup>124</sup>  
   **LOC BC Rwy 2L**<sup>124</sup>  
   **RNAV (GPS) Y Rwy 2L**<sup>24</sup>  
   **RNAV (GPS) Y Rwy 20R**<sup>2</sup>

<sup>1</sup>NA when control tower closed.<sup>2</sup>Category C, 800-2½; Category D, 1200-3.<sup>3</sup>ILS, LOC, Categories A, B, 1000-2; Category C, 1000-3; Category D, 1200-3.<sup>4</sup>NA when local weather not available.**SANTA BARBARA, CA**

SANTA BARBARA  
 MUNI (SBA)..... **ILS or LOC Rwy 7**<sup>12</sup>  
   **RNAV (GPS) Rwy 7**<sup>13</sup>  
   **VOR or GPS Rwy 25**<sup>4</sup>

<sup>1</sup>NA when local weather not available.<sup>2</sup>ILS, Categories A, B, 800-2; Category C, 800-2½; Category D, 1000-3. LOC, Category C, 800-2½; Category D, 1000-3.<sup>3</sup>Category C, 800-2½; Category D, 1000-3.<sup>4</sup>Categories A, B, 1000-2; Categories C, D, 1000-3.**SANTA MARIA, CA**

SANTA MARIA PUBLIC/CAPTAIN G. ALLAN  
 HANCOCK FIELD (SMX)..... **ILS or LOC Rwy 12**<sup>145</sup>  
   **LOC/DME BC-A**<sup>24</sup>  
   **RNAV (GPS) Rwy 12**<sup>35</sup>  
   **RNAV (GPS) Rwy 30**<sup>56</sup>  
   **VOR Rwy 12**<sup>35</sup>

<sup>1</sup>ILS, LOC, Category D, 1100-3.<sup>2</sup>Category A, B, 900-2; Category C, 900-2½; Category D, 1100-3.<sup>3</sup>Category D, 1100-3.<sup>4</sup>NA when control tower closed.<sup>5</sup>NA when local weather not available.<sup>6</sup>Categories A, B, 1400-2; Category C, 1400-3.**SANTA MONICA, CA**

SANTA MONICA  
 MUNI (SMO)..... **RNAV (GPS) Rwy 21**<sup>1</sup>  
   **RNAV (GPS) Y Rwy 3**<sup>2</sup>  
   **RNAV (GPS) Z Rwy 3**<sup>3</sup>

<sup>1</sup>Categories A, B, 1000-2; Categories, C, D, 1000-2½.<sup>2</sup>Categories C, D, 800-2½.<sup>3</sup>Categories A, B, 1300-2.**SANTA YNEZ, CA**

SANTA YNEZ (IZA)..... **VOR or GPS-B**  
 Categories A, B, 1300-2.  
 NA except for operators with approved weather reporting service.

NAME ALTERNATE MINIMUMS

**TORRANCE, CA**

ZAMPERINI  
 FIELD (TOA)..... **ILS or LOC Rwy 29R**  
   **RNAV (GPS) Rwy 11L**  
   **RNAV (GPS) Rwy 29R**  
   **VOR Rwy 11L**<sup>1</sup>

NA when control tower closed, except for operators with approved weather reporting services.

<sup>1</sup>Categories A, B, 900-2; Category C, 900-2½.**VAN NUYS, CA**

VAN NUYS (VNY)..... **ILS Y Rwy 16R**<sup>123</sup>  
   **ILS Z Rwy 16R**<sup>12</sup>  
   **LDA-C**<sup>45</sup>  
   **VOR-A**<sup>6</sup>  
   **VOR-B**<sup>7</sup>

<sup>1</sup>NA when control tower closed.<sup>2</sup>NA when local weather not available.<sup>3</sup>ILS, Categories A, B, C, D, 700-2.<sup>4</sup>Category D, 1300-3.<sup>5</sup>NA when KBUR control tower closed.<sup>6</sup>Category D, 1000-3.<sup>7</sup>Categories A, B, 900-2; Category, C, 900-2½; Category D, 1000-3.**VICTORVILLE, CA**

SOUTHERN CALIFORNIA  
 LOGISTICS (VCV)..... **ILS or LOC Rwy 17**<sup>1</sup>  
   **RNAV (GPS) Rwy 17**<sup>2</sup>  
   **VOR/DME Rwy 17**<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.