

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

**BAKERSFIELD, CA**

MEADOWS  
FIELD (BFL).....**ILS or LOC Rwy 30R<sup>1</sup>**  
**RNAonV (GPS) Rwy 12L**  
**RNAV (GPS) Rwy 30R**

NA when local weather not available.

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

**BIG BEAR CITY, CA**

BIG BEAR CITY (L35).....**RNAV (GPS) Rwy 26**  
Categories A, B, 1600-2.

**BLYTHE, CA**

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

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

<sup>2</sup>Category D, 900-2½.

**BURBANK, CA**

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

<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.

NAME ALTERNATE MINIMUMS

**CAMARILLO, CA**

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

<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.

**CARLSBAD, CA**

MC CLELLAN-  
PALOMAR (CRQ).....**ILS or LOC Rwy 24<sup>12</sup>**  
**RNAV (GPS) X Rwy 24<sup>3</sup>**  
**RNAV (GPS) Y Rwy 6<sup>4</sup>**  
**RNAV (GPS) Y Rwy 24<sup>3</sup>**  
**VOR-A<sup>56</sup>**

<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.

**CHINO, CA**

CHINO (CNO).....**ILS or LOC Rwy 26R**  
NA when control tower closed.

**DAGGETT, CA**

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

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.

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**EL MONTE, CA**

SAN GABRIEL VALLEY (EMT).....**NDB or GPS-C<sup>1</sup>**  
**VOR or GPS-A<sup>1</sup>**  
**VOR or GPS-B<sup>2</sup>**

NA when control tower closed.

<sup>1</sup>Categories A, B, 1000-2.

<sup>2</sup>Categories A, B, 1100-2.

**FULLERTON, CA**

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

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

<sup>2</sup>Categories A, B, 1500-2.

**HAWTHORNE, CA**

JACK NORTHROP 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, 800-2½.

<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, 800-2½.

**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.

NAME ALTERNATE MINIMUMS

**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 25R<sup>1</sup>**  
**RNAV (RNP) Y Rwy 30<sup>14</sup>**  
**VOR or TACAN Rwy 30<sup>14</sup>**

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

<sup>2</sup>ILS, Categories A, B, 900-2; Category C, 900-2½; Category D, 900-2¾. LOC, Categories A, B, 900-2, Category C, 900-2½; Category D, 900-2¾.

<sup>3</sup>Categories A, B, 900-2; Category C, 900-2½; Category D, 900-2¾.

<sup>4</sup>Categories A, B, 900-2; Category C, 900-2½; Category D, 900-2¾.

**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.

**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, 700-2¾; LOC, Category D, 800-2¾.

**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.

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**PALM SPRINGS, CA**

JACQUELINE COCHRAN  
RGNL (TRM).....**VOR-A**  
Categories A, B, 1300-2; Categories C, D,  
1300-3.

**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 25**  
**VOR/DME or TACAN Rwy 25**

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

**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.

NAME ALTERNATE MINIMUMS

**SAN DIEGO, CA**

BROWN FIELD  
MUNI (SDM).....**RNAV (GPS) Rwy 8L<sup>13</sup>**  
**VOR or GPS-A<sup>2</sup>, 800-2¾**

<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 17<sup>34</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, 1100-2; Category C, D, 1100-3.  
<sup>4</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.  
Categories A, B, 900-2; Category C,  
1000-2¾; Category D, 1100-3.  
<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.

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**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<sub>24</sub>**  
**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, C, D, 1000-2.
- <sup>2</sup>Categories C, D, 800-2½.
- <sup>3</sup>Categories A, B, 1300-2.

NAME ALTERNATE MINIMUMS

**SANTA YNEZ, CA**

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

**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.

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