

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

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**BAKERSFIELD, CA**

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

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

**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>66</sup>**

<sup>1</sup>NA when control tower closed.  
<sup>2</sup>ILS, Categories A, B, 700-2; Category C, 1000-2<sup>3</sup>. LOC, Category C 1000-2<sup>3</sup>.  
<sup>3</sup>Category C, 1000-2<sup>3</sup>.  
<sup>4</sup>Categories A, B, 900-2; Category C, 1000-2<sup>3</sup>; 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.

**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, 900-2<sup>3</sup>.

**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, 1000-2<sup>3</sup>; 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.

**BURBANK, CA**

BOB HOPE (BUR).....**ILS Y or LOC Y Rwy 8<sup>3</sup>**  
**ILS Z or LOC Z Rwy 8<sup>1</sup>**  
**RNAV (GPS)-A<sup>2</sup>**  
**RNAV (GPS) Z Rwy 8<sup>4</sup>**  
**RNAV (RNP) Y Rwy 8<sup>5</sup>**  
**VOR Rwy 8<sup>4</sup>**

<sup>1</sup>LOC, Category B, 900-2; Category C, 1500-3; Category D, 1600-3.  
<sup>2</sup>Categories A, B, 1100-2; Category C, 1500-3; Category D, 1600-3.  
<sup>3</sup>ILS Categories A, B, C, D 900-2<sup>1</sup>/<sub>2</sub>; LOC, Categories A, B, 900-2; Category C, 1500-3; Category D, 1600-3.  
<sup>4</sup>Categories A, B, 900-2; Category C, 1500-3; Category D, 1600-3.  
<sup>5</sup>Categories A, B, C, D, 800-2<sup>1</sup>/<sub>2</sub>.

**EL MONTE, CA**

SAN GABRIEL VALLEY (EMT).....**VOR-A<sup>12</sup>**  
NA when local weather not available.  
<sup>2</sup>Categories A, B, 1000-2; Category C, 1000-3  
Category D, 1100-3.

**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, 800-2<sup>1</sup>/<sub>2</sub>.

**FULLERTON, CA**

FULLERTON MUNI (FUL).....**LOC/DME Rwy 24<sup>123</sup>**  
**VOR-A<sup>4</sup>**

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

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**HAWTHORNE, CA**

JACK NORTHROP FLD/  
HAWTHORNE MUNI (HHR).....**LOC Rwy 25<sup>1</sup>**  
**RNAV (GPS) Rwy 25**  
**VOR Rwy 25<sup>12</sup>**

Category D, 800-2¼.

<sup>1</sup>NA when control tower closed.<sup>2</sup>NA when local weather not available.**HEMET, CA**

HEMET-RYAN (HMT).....**RNAV (GPS) Rwy 5**  
NA when local weather not available.  
Categories A, B, 900-2; Category C, 1100-3.

**IMPERIAL, CA**

IMPERIAL COUNTY (IPL).....**VOR or GPS-A**  
NA when local weather not available.

**LA VERNE, CA**

BRACKETT  
FLD (POC).....**ILS Rwy 26L<sup>12</sup>**  
**LOC Rwy 26L<sup>123</sup>**  
**RNAV (GPS) Rwy 26L<sup>13</sup>**  
**VOR or GPS-A<sup>23</sup>**

<sup>1</sup>NA when local weather not available.<sup>2</sup>NA when control tower closed.<sup>3</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>12</sup>**  
**VOR/DME-A<sup>3</sup>**

<sup>1</sup>NA when local weather not available.<sup>2</sup>Categories A, B, 1000-2.<sup>3</sup>Categories A, B, 1300-2.**LONG BEACH, CA**

LONG BEACH  
(DAUGHERTY FLD) (LGB).....**ILS or LOC Rwy 30<sup>12</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>3</sup>**

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

NA when control tower closed.

**LOS ANGELES, CA**

WHITEMAN (WHP).....**VOR-A**  
Category B, 900-2; Category C, 1200-3.

NAME ALTERNATE MINIMUMS

**MOJAVE, CA**

MOJAVE AIR AND SPACE  
PORT (MHV).....**RNAV (GPS) Rwy 4**  
**RNAV (GPS) Rwy 22**

NA when local weather not available.

Category C, 1400-3; Category D, 1700-3.

**NEEDLES, CA**

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

**OCEANSIDE, CA**

BOB MAXWELL MEML  
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>LOC, Categories, C, D, 800-2½.<sup>3</sup>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).....**RNAV (RNP) Y Rwy 31L<sup>1</sup>**  
**RNAV (RNP) Z Rwy 13R<sup>1</sup>**  
**VOR or GPS-B<sup>2</sup>**

<sup>1</sup>NA when control tower closed.<sup>2</sup>Categories A, B, 1900-2; Categories C, D,

1900-3.

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**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.

**PASO ROBLES, CA**

PASO ROBLES  
MUNI (PRB).....RNAV (GPS) Rwy 19<sup>12</sup>  
RNAV (GPS) Rwy 31<sup>12</sup>  
VOR Rwy 19<sup>12</sup>  
VOR-B<sup>3</sup>

- <sup>1</sup>NA when local weather not available.
- <sup>2</sup>Category D, 900-2½.
- <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, 900-2½; Category D, 900-2½.
- <sup>3</sup>NA when local weather not available.
- <sup>4</sup>Category C, 900-2½; 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 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.

**SAN DIEGO, CA**

BROWN FLD  
MUNI (SDM).....RNAV (GPS) Rwy 8L<sup>12</sup>  
VOR or TACAN-A<sup>3</sup>

- <sup>1</sup>NA when local weather not available.
- <sup>2</sup>Category D, 1800-3.
- <sup>3</sup>Categories A, B, C, 900-2¾; Category D, 1800-3.

**MONTGOMERY-GIBBS**

EXEC (MYF).....ILS or LOC Rwy 28R<sup>1</sup>  
RNAV (GPS) Rwy 28R

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

**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>

- <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, 900-2¾; 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, 900-2¾; Category D, 1000-3.

**SAN DIEGO/EL CAJON, CA**

GILLESPIE FLD (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.

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**SAN LUIS OBISPO, CA**

SAN LUIS  
COUNTY RGNL (SBP).....**ILS Rwy 11<sup>1</sup>**  
**LOC Rwy 11<sup>124</sup>**  
**RNAV (GPS) Rwy 11<sup>34</sup>**  
**RNAV (GPS) Rwy 29<sup>34</sup>**  
**VOR or TACAN-A<sup>45</sup>**

- <sup>1</sup>NA when control tower closed.
- <sup>2</sup>Category A, 1000-2; Category B, 1100-2; Category C, 1300-3; Category D, 1400-3.
- <sup>3</sup>Category B, 1100-2; Category C, 1300-3; Category D, 1400-3.
- <sup>4</sup>NA when local weather not available.
- <sup>5</sup>Categories A, B, 1500-2; Categories C, D, 1500-3.

**SANTA ANA, CA**

JOHN WAYNE/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, 800-2¼; 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, 800-2¼; Category D, 1000-3. LOC, Category C, 800-2¼; Category D, 1000-3.
- <sup>3</sup>Category C, 800-2¼; Category D, 1000-3.
- <sup>4</sup>Categories A, B, 1000-2; Categories C, D, 1000-3.

**SANTA MARIA, CA**

SANTA MARIA PUB/CAPT G ALLAN  
HANCOCK FLD (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.

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**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 A, B, 900-2; Categories C, D, 900-2½.
- <sup>3</sup>Categories A, B, 1300-2.

**SANTA YNEZ, CA**

SANTA YNEZ (IZA).....**VOR or GPS-B**  
Categories A, B, 1300-2.  
NA when local weather not available.  
NA except for operators with approved weather reporting service.

**TORRANCE, CA**

ZAMPERINI FLD (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>LOC, Category D, 900-3.
- <sup>2</sup>Category D, 900-3.

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