



INSTRUMENT APPROACH PROCEDURE CHARTS

**A** IFR ALTERNATE AIRPORT MINIMUMS

Standard alternate minimums for non precision approaches are 800-2 (NDB, VOR, LOC, TACAN, LDA, VORTAC, VOR/DME, ASR or WAAS LNAV); for precision approaches 600-2 (ILS or PAR). 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 or absence of weather reporting service. Civil pilots see FAR 91. IFR Alternate Airport Minimums: Ceiling and Visibility Minimums not applicable to USA/USN/USAF. Pilots must review the IFR Alternate Airport Minimums Notes for alternate airfield suitability.

NAME ALTERNATE MINIMUMS

**ARCATA-EUREKA, CA**

ARCATA ..... ILS Rwy 32<sup>13</sup>  
ILS or LOC/DME Rwy 32<sup>23</sup>  
RNAV (GPS) Rwy 1<sup>34</sup>  
RNAV (GPS) Rwy 14<sup>35</sup>  
RNAV (GPS) Rwy 32<sup>35</sup>  
VOR/DME Rwy 14<sup>3</sup>

<sup>1</sup>LOC, NA.

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

<sup>3</sup>NA when local weather not available.

<sup>4</sup>Categories A, B, 1000-2½; Category C, 1000-2¾; Category D, 1000-3.

<sup>5</sup>Category D, 800-2¼.

**BISHOP, CA**

EASTERN SIERRA RGNL .... LDA/DME Rwy 16<sup>1</sup>  
RNAV (GPS) Y Rwy 12<sup>23</sup>  
RNAV (GPS) Z Rwy 12<sup>24</sup>  
VOR or GPS-A, 3300-3<sup>5</sup>  
VOR/DME or GPS-B<sup>6</sup>

<sup>1</sup>Categories A,B, 2300-2; Categories C,D, 2300-3.

<sup>2</sup>NA when local weather not available.

<sup>3</sup>Categories A, B 2500-2; Category C, 2500-3.

<sup>4</sup>Categories A, B, 2300-2; Category C, 2300-3.

<sup>5</sup>NA when Bishop altimeter setting not available.

<sup>6</sup>Categories A,B, 3200-2; Categories C,D, 3200-3.

**CHICO, CA**

CHICO MUNI ..... VOR/DME Rwy 13L  
VOR/DME Rwy 31R

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

**CONCORD, CA**

BUCHANAN FIELD ..... LDA Rwy 19R  
RNAV (GPS) Rwy 19R<sup>1</sup>

NA when control tower closed.

<sup>1</sup>Categories A, B, 1000-2; Categories C,D, 1000-3.

NAME ALTERNATE MINIMUMS

**CRESCENT CITY, CA**

JACK MC NAMARA  
FIELD ..... RNAV (GPS) Rwy 11  
NA when local weather not available.

**DAVIS WOODLAND WINTERS, CA**

YOLO COUNTY ..... RNAV (GPS) Rwy 16  
RNAV (GPS) Rwy 34  
NA when local weather not available.

**FRESNO, CA**

FRESNO YOSEMITE  
INTL ..... ILS or LOC/DME Rwy 29R  
LOC Rwy 11L  
VOR/DME or TACAN Rwy 11L  
VOR/DME or TACAN Rwy 29R  
Category E, 900-2¾.

**HANFORD, CA**

HANFORD MUNI ..... RNAV (GPS) Rwy 32  
VOR-A  
NA when local weather not available.

**HAYWARD, CA**

HAYWARD  
EXECUTIVE ..... LOC/DME Rwy 28L<sup>1</sup>  
RNAV (GPS) Y Rwy 28L<sup>2</sup>  
RNAV (GPS) Z Rwy 28L<sup>2</sup>  
VOR or GPS-A<sup>3</sup>

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

<sup>2</sup>NA when local weather not available.

<sup>3</sup>Category C, 800-2¼; Category D, 800-2½.

**HOLLISTER, CA**

HOLLISTER MUNI ..... RNAV (GPS) Rwy 31  
NA when local weather not available.

**LIVERMORE, CA**

LIVERMORE MUNI ..... ILS Rwy 25R  
NA when control tower closed.  
Category D, 800-2¼.

22 OCT 2009 to 19 NOV 2009

22 OCT 2009 to 19 NOV 2009





# ALTERNATE MINS

E2



NAME ALTERNATE MINIMUMS

## MADERA, CA

MADERA MUNI ..... RNAV (GPS) Rwy 12  
RNAV (GPS) Rwy 30  
NA when local weather not available.

## MARYSVILLE, CA

YUBA COUNTY ..... RNAV (GPS) Rwy 14  
RNAV (GPS) Rwy 32  
NA when local weather not available.

## MERCED, CA

CASTLE ..... ILS or LOC/DME Rwy 31  
RNAV (GPS) Rwy 13  
RNAV (GPS) Rwy 31  
VOR/DME Rwy 31  
NA when local weather not available.

MERCED RGNL/MACREADY

FIELD ..... ILS or LOC Rwy 30<sup>1</sup>  
LOC BC Rwy 12<sup>1</sup>  
RNAV (GPS) Rwy 30<sup>2</sup>  
VOR Rwy 30<sup>2</sup>

<sup>1</sup>NA when class E airspace not in effect.

<sup>2</sup>NA when local weather not available.

## MODESTO, CA

MODESTO CITY-COUNTY-HARRY  
SHAM FIELD ..... ILS or LOC/DME Rwy 28R<sup>1</sup>  
RNAV (GPS) Rwy 28R

NA when local weather not available.

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

## MONTEREY, CA

MONTEREY  
PENINSULA ..... ILS or LOC Rwy 10R<sup>12</sup>  
LOC/DME Rwy 28L<sup>13</sup>  
RNAV (GPS) Rwy 10L<sup>4</sup>  
RNAV (GPS) Y Rwy 10R<sup>5</sup>  
RNAV (GPS) Y Rwy 28L<sup>6</sup>

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

<sup>2</sup>ILS, Categories A,B,C, 800-2; Category D, 900-2½. LOC, Category D, 900-2½.

<sup>3</sup>Categories A,B, 1500-2, Categories C,D, 1500-3.

<sup>4</sup>Categories A,B, 1100-2.

<sup>5</sup>Category D 900-2½.

<sup>6</sup>Categories A, B, 1400-2; Category C, 1400-3.

NAME ALTERNATE MINIMUMS

## NAPA, CA

NAPA COUNTY ..... LOC Rwy 36L<sup>1</sup>  
RNAV (GPS) Y Rwy 36L<sup>23</sup>  
RNAV (GPS) Z Rwy 36L<sup>34</sup>  
VOR Rwy 6<sup>5</sup>

<sup>1</sup>NA when control tower closed; Category D, 1200-3.

<sup>2</sup>Categories A, B, 1600-2; Categories C, D, 1600-3.

<sup>3</sup>NA when local weather not available.

<sup>4</sup>Category C, 900-2½; Category D, 1200-3.

<sup>5</sup>Category D, 1300-3.

## PALO ALTO, CA

PALO ALTO AIRPORT OF  
SANTA CLARA COUNTY .... VOR/DME Rwy 31  
NA when control tower closed.

## RED BLUFF, CA

RED BLUFF MUNI ..... RNAV (GPS) Rwy 15  
RNAV (GPS) Rwy 33  
VOR Rwy 33  
VOR/DME Rwy 15

NA when local weather not available.

## REDDING, CA

REDDING MUNI ..... ILS or LOC/DME Rwy 34<sup>13</sup>  
LOC/DME BC Rwy 16<sup>23</sup>  
RNAV (GPS) Rwy 34<sup>3</sup>  
VOR Rwy 34<sup>4</sup>

<sup>1</sup>ILS, Categories A, B, C, 700-2; Category E, 900-3. LOC, Category E, 900-3.

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

<sup>3</sup>NA when local weather not available.

<sup>4</sup>Category C, 800-2½; Category D, 800-2½.

## SACRAMENTO, CA

SACRAMENTO  
EXECUTIVE ..... ILS or LOC Rwy 2  
RNAV (GPS) Rwy 2  
VOR Rwy 2

NA when local weather not available.

SACRAMENTO INTL ..... ILS or LOC Rwy 34L  
RNAV (GPS) Rwy 16L  
RNAV (GPS) Rwy 16R  
RNAV (GPS) Rwy 34L  
RNAV (GPS) Rwy 34R<sup>1</sup>

NA when local weather not available.

<sup>1</sup>Category D, 800-2½.

SACRAMENTO MATHER .ILS or LOC Rwy 22L

NA when control tower closed.

Category E, 800-2½.

22 OCT 2009 to 19 NOV 2009

22 OCT 2009 to 19 NOV 2009



# ALTERNATE MINS

E2

SW-2



# ALTERNATE MINS

E3



NAME ALTERNATE MINIMUMS

## SALINAS, CA

SALINAS MUNI ..... ILS Rwy 31<sup>1</sup>  
 LOC/DME Rwy 31<sup>2</sup>  
 RNAV (GPS) Rwy 13<sup>2,3</sup>  
 RNAV (GPS) Y Rwy 31<sup>2,3</sup>  
 RNAV (GPS) Z Rwy 31<sup>2,3</sup>  
 VOR Rwy 13<sup>4</sup>

<sup>1</sup>ILS, Category D, 700-2¼. LOC, NA.

<sup>2</sup>Category D, 800-2¼.

<sup>3</sup>NA when local weather not available.

<sup>4</sup>Category D, 1000-3.

## SAN FRANCISCO, CA

SAN FRANCISCO

INTL ..... ILS Rwy 19L<sup>1</sup>  
 ILS or LOC Rwy 28L<sup>1</sup>  
 ILS Rwy or LOC 28R<sup>1</sup>  
 RNAV (GPS) Z Rwy 19L<sup>2</sup>  
 RNAV (GPS) Rwy 28L<sup>3</sup>  
 RNAV (GPS) Z Rwy 28R<sup>4</sup>  
 VOR or GPS-B, 1200-3  
 VOR Rwy 19L<sup>5</sup>

<sup>1</sup>ILS, Category A, 800-2; Category B, 1000-2; Category C, 1100-3; Category D, 1200-3. LOC, Category B, 1000-2; Category C, 1100-3; Category D, 1200-3.

<sup>2</sup>Categories A, B, C, D, 1200-5.

<sup>3</sup>Categories A, B, 1200-2; Categories C, D, 1200-3.

<sup>4</sup>Categories A,B, 1100-2; Category C, 1100-3; Category D, 1200-3.

<sup>5</sup>Category B, 1000-2; Category C, 1100-3; Category D, 1300-3.

## SAN JOSE, CA

NORMAN Y MINETA

SAN JOSE INTL ..... ILS or LOC Rwy 12R<sup>1</sup>  
 ILS or LOC/DME Rwy 30L<sup>1</sup>  
 RNAV (GPS) Y Rwy 30L<sup>2</sup>  
 VOR Rwy 12R<sup>1</sup>

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

<sup>2</sup>NA when local weather not available.

NAME ALTERNATE MINIMUMS

## SANTA ROSA, CA

CHARLES M. SCHULTZ-  
 SONOMA COUNTY ..... ILS or LOC Rwy 32  
 ILS, Categories C,D, 700-2.  
 NA when control tower closed.

## SOUTH LAKE TAHOE, CA

LAKE TAHOE ..... VOR/DME or GPS-A, 2600-5

## STOCKTON, CA

STOCKTON METRO ..... ILS or LOC Rwy 29R<sup>1</sup>  
 RNAV (GPS) Rwy 11L<sup>2</sup>  
 RNAV (GPS) Rwy 29R<sup>2</sup>

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

<sup>2</sup>NA when local weather not available.

## UKIAH, CA

UKIAH MUNI ..... LOC Rwy 15<sup>1</sup>  
 RNAV (GPS)-B<sup>2</sup>  
 VOR-A<sup>3</sup>

<sup>1</sup>Categories A, B, 1800-2; Categories C, D, 1800-3.

<sup>2</sup>Categories A, B, 2000-2; Categories C, D, 2000-3.

<sup>3</sup>Categories A, B, 2800-2; Categories C, D, 2800-3.

## VACAVILLE, CA

NUT TREE ..... RNAV (GPS) Y Rwy 20  
 RNAV (GPS) Z Rwy 20  
 VOR/DME-A

NA when local weather not available.

## VISALIA, CA

VISALIA MUNI ..... ILS or LOC/DME Rwy 30  
 RNAV (GPS) Rwy 12  
 RNAV (GPS) Rwy 30

NA when local weather not available.

## WATSONVILLE, CA

WATSONVILLE MUNI ..... LOC Rwy 2  
 NA when local weather not available.

22 OCT 2009 to 19 NOV 2009

22 OCT 2009 to 19 NOV 2009



# ALTERNATE MINS

E3

SW-2

