



INSTRUMENT APPROACH PROCEDURE CHARTS



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

ARCATA-EUREKA, CA
ARCATA (ACV).....ILS Z Rwy 32
ILS Y or LOC/DME Rwy 32¹
RNAV (GPS) Rwy 1³
RNAV (GPS) Rwy 14
RNAV (GPS) Rwy 32²
VOR/DME Rwy 14

NA when local weather not available.

¹ILS, Categories A, B, C, D, 700-2.

²Category D, 800-2½.

³Categories A, B, 900-2; Category C, 900-2½; Category D, 900-2¾.

ATWATER, CA

CASTLE (MER).....ILS or LOC/DME Rwy 31¹
RNAV (GPS) Rwy 13
RNAV (GPS) Rwy 31
VOR/DME Rwy 31

NA when local weather not available.

¹NA when control tower closed.

AUBURN, CA

AUBURN MUNI (AUN).....RNAV (GPS) Rwy 7
NA when local weather not available.

BISHOP, CA

BISHOP (BIH).....LDA Rwy 17¹
RNAV (GPS) Y Rwy 12²
RNAV (GPS) Z Rwy 12³
VOR or GPS-A⁴, 3300-3

¹Categories A, B, 2300-2; Categories C, D, 2300-3.

²Categories A, B 2500-2; Category C, 2500-3.

³Categories A, B, 2300-2; Category C, 2300-3.

⁴NA when Bishop altimeter setting not available.

CHICO, CA

CHICO MUNI (CIC).....VOR/DME Rwy 31R
NA when control tower closed except for operators with approved weather reporting service.

NAME ALTERNATE MINIMUMS

CONCORD, CA
BUCHANAN
FIELD (CCR).....LDA Rwy 19R¹²
RNAV (GPS) Rwy 19R³
VOR Rwy 19R³

¹NA when control tower closed.

²Category C, 1000-2¾; Category D, 1300-3.

³Categories A, B, 1000-2; Category C, 1000-3; Category D, 1300-3.

COLUMBIA, CA

COLUMBIA (O22).....RNAV (GPS) Rwy 35
Categories A, B, 1100-2; Category C, 1100-3.

CRESCENT CITY, CA

JACK MC NAMARA
FIELD (CEC).....RNAV (GPS) Rwy 12
RNAV (GPS) Rwy 36
VOR Rwy 12
VOR/DME Rwy 12
VOR/DME Rwy 36

NA when local weather not available.

FRESNO, CA

FRESNO YOSEMITE
INTL (FAT).....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.

GRASS VALLEY, CA

NEVADA COUNTY
AIR PARK (GOO).....RNAV (GPS) Rwy 7
NA when local weather not available.
Category D, 800-2¾.

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NAME ALTERNATE MINIMUMS

HALF MOON BAY, CA

HALF MOON BAY (HAF) **RNAV (GPS) Y Rwy 12**
RNAV (GPS) Y Rwy 30

NA when local weather not available.

HANFORD, CA

HANFORD MUNI (HJO) **RNAV (GPS) Rwy 32**
RNAV (GPS)-A
VOR-A

NA when local weather not available.

HAYWARD, CA

HAYWARD EXECUTIVE (HWD) **LOC/DME Rwy 28L¹**
RNAV (GPS) Rwy 28L
VOR/DME-A

NA when local weather not available.

¹NA when control tower closed.

HOLLISTER, CA

HOLLISTER MUNI (CVH) **RNAV (GPS) Rwy 31**

NA when local weather not available.

LINCOLN, CA

LINCOLN RGNL/KARL HARDER FIELD (LHM) **RNAV (GPS) Rwy 15**
RNAV (GPS) Rwy 33

NA when local weather not available.

LIVERMORE, CA

LIVERMORE MUNI (LVK) **ILS Rwy 25R¹**
RNAV (GPS) Rwy 25R²³

¹Category D, 800-2¼.

²NA when local weather not available.

³Category D, 1400-3.

MAMMOTH LAKES, CA

MAMMOTH YOSEMITE (MMH) **RNAV (GPS) Rwy 27**

Categories A, B, 1300-2; Category C, 1300-3.

MARYSVILLE, CA

YUBA COUNTY (MYV) **RNAV (GPS) Rwy 14**
RNAV (GPS) Rwy 32

NA when local weather not available.

NAME ALTERNATE MINIMUMS

MERCED, CA

MERCED RGNL/MACREADY FIELD (MCE) **ILS or LOC Rwy 30¹**
LOC BC Rwy 12¹
RNAV (GPS) Rwy 12²
RNAV (GPS) Rwy 30²
VOR Rwy 30²

¹NA when class E airspace not in effect.

²NA when local weather not available.

MODESTO, CA

MODESTO CITY-COUNTY-HARRY SHAM FIELD (MOD) **ILS or LOC/DME Rwy 28R¹**
RNAV (GPS) Rwy 28R

NA when local weather not available.

¹NA when control tower closed.

MONTEREY, CA

MONTEREY RGNL (MRY) **ILS or LOC Rwy 10R¹²**
LOC Rwy 28L¹³
RNAV (GPS) Rwy 10R⁶
RNAV (GPS) Y Rwy 28L⁴
RNAV (RNP) Z Rwy 28L⁵

¹NA when control tower closed.

²ILS, Categories A, B, 700-2; Category C, 1100-3; Category D, 1600-3. LOC, Category C, 1100-3; Category D, 1600-3.

³Categories A, B, 1700-2, Categories C, D, 1700-3.

⁴Categories A, B, 900-2, Category C, 1100-3.

⁵Categories A, B, C, 1000-3.

⁶Category C, 1100-3; Category D, 1600-3.

NAPA, CA

NAPA COUNTY (APC) **ILS or LOC Rwy 36L¹²**
RNAV (GPS) Y Rwy 36L³
RNAV (GPS) Z Rwy 36L
VOR Rwy 6⁴

NA when local weather not available.

¹NA when control tower closed.

²ILS, Category A, 700-2; Category B, 800-2; Category C, 900-2¼; Category D, 1200-3.

LOC, Category C, 900-2¼, Category D, 1200-3.

³Categories A, B, 1300-2; Categories C, D, 1300-3.

⁴Category D, 1300-3.

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NAME ALTERNATE MINIMUMS

SAN FRANCISCO, CA

SAN FRANCISCO
INTL (SFO)..... ILS or LOC Rwy 19L 2
ILS or LOC Rwy 28L 6
ILS or LOC Rwy 28R 3
RNAV (GPS) Rwy 10L 1
RNAV (GPS) Rwy 28L 7
RNAV (GPS) Y Rwy 10R 2
RNAV (GPS) Z Rwy 28R 4
RNAV (RNP) Z Rwy 10R 5

- 1Categories A, B, 1200-2; Categories C, D, 1200-3.
2Categories A, B, 1800-2; Categories C, D, 1800-3.
3ILS, Category A, 700-2; Category B, 1000-2; Category C, 1600-3; LOC, Category B, 1000-2; Category C, 1600-3.
4Category B, 1000-2; Category C, 1600-3.
5Categories A, B, C, D, 1100-4.
6ILS, LOC, Categories A, B, 1100-2; Category C, 1600-3.
7Categories A, B, 1100-2; Category C, 1600-3; Category D, 1100-2 1/2.

SAN JOSE, CA

NORMAN Y MINETA SAN JOSE
INTL (SJC) ILS or LOC Rwy 12R
ILS or LOC Rwy 30L
NA when control tower closed.

SANTA ROSA, CA

CHARLES M SCHULZ-SONOMA
COUNTY (STS)..... ILS or LOC/DME Rwy 32 123
RNAV (GPS) Rwy 14 24
RNAV (GPS) Rwy 2 24
RNAV (GPS) Rwy 32 4
VOR/DME Rwy 14 24

- 1NA when control tower closed.
2NA when local weather not available.
3ILS, LOC, Category C, 1000-3; Category D, 1300-3.
4Category C, 1000-3; Category D, 1300-3.

STOCKTON, CA

STOCKTON METROPOLITAN
(SCK)..... ILS or LOC Rwy 29R
NA when control tower closed.
1ILS, Categories C, D, 700-2.

UKIAH, CA

UKIAH MUNI (UKI)RNAV (GPS)-B 1
VOR-A 2

- 1Categories A, B, 2000-2; Categories C, D, 2000-3.
2Categories A, B, 2800-2; Categories C, D, 2800-3.

NAME ALTERNATE MINIMUMS

VACAVILLE, CA

NUT TREE (VCB) VOR/DME-A
NA when local weather not available.

VISALIA, CA

VISALIA
MUNI (VIS)..... ILS or LOC/DME Rwy 30
RNAV (GPS) Rwy 12
RNAV (GPS) Rwy 30
VOR Rwy 12
NA when local weather not available.

WATSONVILLE, CA

WATSONVILLE
MUNI (WVI)..... RNAV (GPS) Rwy 2
VOR/DME-A 1

- NA when local weather not available.
1Categories A, B, 1200-2; Categories C, D, 1200-3.

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