



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.

BYRON, CA

BYRON (C83) RNAV (GPS) Rwy 30
Category D, 800-2½.

NAME ALTERNATE MINIMUMS

CHICO, CA

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

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.

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NAME ALTERNATE MINIMUMS
GRASS VALLEY, CA
 NEVADA COUNTY
 AIR PARK (GOO)..... **RNAV (GPS) Rwy 7**
 NA when local weather not available.
 Category D, 800-2¼.

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**
LOC Rwy 25R¹²
RNAV (GPS) Rwy 25R³⁴
¹NA when control tower closed.
²LOC, Categories A, B, 1700-2; Categories C, D, 1700-3.
³NA when local weather not available.
⁴Category 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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M2

SW-2





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NAME ALTERNATE MINIMUMS

SAN FRANCISCO, CA

SAN FRANCISCO

INTL (SFO)..... **ILS or LOC Rwy 19L²**
ILS or LOC Rwy 28L⁶
ILS or LOC Rwy 28R³
RNAV (GPS) Rwy 10L¹
RNAV (GPS) Rwy 28L⁷
RNAV (GPS) Y Rwy 10R²
RNAV (GPS) Z Rwy 28R⁴
RNAV (RNP) Z Rwy 10R⁵

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, 1100-2½.

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 32¹²³**
RNAV (GPS) Rwy 14²⁴
RNAV (GPS) Rwy 2²⁴
RNAV (GPS) Rwy 32⁴
VOR/DME Rwy 14²⁴

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)-B¹**
VOR-A²

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) **RNAV (GPS) Rwy 20¹**
VOR-A²

¹Category C, 900-2½; Category D, 1300-3.

²Categories A, B, 900-2; Category C, 900-2½; Category D, 1300-3.

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-A¹

NA when local weather not available.

¹Categories A, B, 1200-2; Categories C, D, 1200-3.

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SW-2

