

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

ALTURAS, CA

ALTURAS
MUNI (AAT).....**RNAV (GPS) Rwy 31**
Category B, 900-2.

ARCATA/EUREKA, CA

CALIFORNIA REDWOOD COAST-HUMBOLDT
COUNTY (ACV).....**RNAV (GPS) Rwy 1¹**
RNAV (GPS) Rwy 32²

¹Categories A, B, 900-2; Category C, 900-2½;
Category D, 900-2¾.
²Category D, 800-2¼.

ATWATER, CA

CASTLE (MER).....**ILS or LOC Rwy 31**
NA when local weather not available.
NA when control tower closed.

AUBURN, CA

AUBURN MUNI (AUN).....**RNAV (GPS) Rwy 7**
Category B, 900-2.

BISHOP, CA

BISHOP (BIH).....**LDA Rwy 17¹**
RNAV (GPS) Y Rwy 12²
RNAV (GPS) Z Rwy 12³

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.

BYRON, CA

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

CHICO, CA

CHICO MUNI (CIC).....**ILS or LOC Rwy 13L**
RNAV (GPS) Rwy 13L
NA when local weather not available.

GRASS VALLEY, CA

NEVADA
COUNTY (GOO).....**RNAV (GPS) Rwy 7**
NA when local weather not available.
Category D, 800-2¼.

NAME ALTERNATE MINIMUMS

CONCORD, CA

BUCHANAN
FLD (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**
NA when local weather not available.
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 CHANDLER
EXEC (FCH).....**RNAV (GPS) Rwy 12**
NA when local weather not available.

FRESNO YOSEMITE

INTL (FAT).....**ILS Y or LOC Y Rwy 29R¹**
LOC Y Rwy 11L²
TACAN Rwy 11L³
TACAN Rwy 29R²

¹LOC, Category E, 900-2¾.
²Category E, 900-2¾.
³Category E, 900-2.

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HAYWARD, CA

HAYWARD EXEC (HWD).....**LOC/DME Rwy 28L**
RNAV (GPS) Rwy 28L

NA when local weather not available.
NA when control tower closed.
Category D, 900-2¼.

HOLLISTER, CA

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

NA when local weather not available.
Category C, 800-2¼.

LINCOLN, CA

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

NA when local weather not available.

LITTLE RIVER, CA

LITTLE RIVER (LLR).....**RNAV (GPS) Rwy 29**

Category D, 900-2¼.

LIVERMORE, CA

LIVERMORE MUNI (LVK).....**ILS Rwy 25R¹²**
LOC Rwy 25R³⁴
RNAV (GPS) Rwy 25R⁵

¹NA when local weather not available.
²NA when control tower closed.
³NA when tower closed.
⁴Categories A, B, 1600-2; Categories C, D, 1600-3.
⁵Category 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.

MODESTO, CA

MODESTO CITY-COUNTY-HARRY SHAM
FLD (MOD).....**ILS or LOC Rwy 28R¹²**
RNAV (GPS) Rwy 28R³

¹NA when control tower closed.
²LOC, Category D, 800-2¼.
³Category D, 800-2¼.

NAME ALTERNATE MINIMUMS

MONTEREY, CA

MONTEREY
RGNL (MRY).....**ILS or LOC Rwy 10R¹²**
LOC Rwy 28L¹³
RNAV (GPS) Rwy 10R⁴
RNAV (GPS) Y Rwy 28L⁵
RNAV (RNP) Z Rwy 28L⁶

¹NA when control tower closed.
²LOC, Category C, 1100-3; Category D, NA.
³Categories A, B, 1700-2; Categories C, D, 1700-3.
⁴Category C, 1100-3; Category D, NA.
⁵Categories A, B, 900-2; Category C, 1100-3.
⁶Categories A, B, C, 1000-3.

MOUNTAIN VIEW, CA

MOFFET FEDERAL
AIRFIELD (NUQ).....**ILS or LOC Rwy 32R¹²**
LOC Rwy 14L¹³
RNAV (GPS) Rwy 14L⁴
RNAV (GPS) Rwy 14R⁴
RNAV (GPS) Rwy 32L⁴
RNAV (GPS) Rwy 32R³
TACAN Rwy 32L¹⁵
TACAN Rwy 32R¹⁵

¹NA when tower closed.
²LOC, Category D, 800-2¼; Category E, 1000-3.
³Category D, 800-2¼.
⁴Category D, 800-2¼.
⁵Category D, 800-2¼; Category E, 1000-3.

NAPA, CA

NAPA
COUNTY (APC).....**ILS or LOC Z Rwy 1L¹²**
RNAV (GPS) Rwy 6³
RNAV (GPS) Y Rwy 1L⁴
VOR Rwy 6⁵

NA when local weather not available.
¹NA when control tower closed.
²LOC, Categories C, D, 1300-3.
³Categories A, B, 1000-1¼;
Categories C, D, 1300-3.
⁴Categories A, B, C, D, 1300-5.
⁵Categories C, D, 1300-3.

OAKLAND, CA

METRO OAKLAND
INTL (OAK).....**ILS or LOC Rwy 12¹**
ILS or LOC Rwy 30¹
ILS or LOC/DME Rwy 28R¹
RNAV (GPS) Rwy 10L²
RNAV (GPS) Rwy 10R²
RNAV (GPS) Y Rwy 12²
RNAV (GPS) Y Rwy 28L²
RNAV (GPS) Y Rwy 28R²
RNAV (GPS) Y Rwy 30²
VOR Rwy 10R²

¹ILS, Category C, 700-2; Category D, 1400-3;
LOC, Category D, 1400-3.
²Category D, 1400-3.

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PALO ALTO, CA

PALO ALTO (PAO).....RNAV (GPS) Rwy 31
 NA when control tower closed.

PETALUMA, CA

PETALUMA MUNI (O69).....RNAV (GPS) Rwy 29
 NA when local weather not available.

PLACERVILLE, CA

PLACERVILLE (PVF).....RNAV (GPS) Rwy 5
 NA when local weather not available.

RED BLUFF, CA

RED BLUFF
 MUNI (RBL).....RNAV (GPS) Rwy 15¹
 RNAV (GPS) Rwy 33
 VOR Rwy 33
 VOR/DME Rwy 15¹

NA when local weather not available.
¹Category D, 800-2½.

REDDING, CA

REDDING
 MUNI (RDD).....ILS or LOC Rwy 34¹²
 LOC BC Rwy 16¹³
 RNAV (GPS) Rwy 16³
 RNAV (GPS) Rwy 34³
 VOR Rwy 34⁴

NA when local weather not available.
¹NA when control tower closed.
²LOC, Category D, 900-2¾; Category E, 900-3.
³Category D, 900-2¾.
⁴Categories A, B, 1200-2; Categories C, D, 1200-3.

SACRAMENTO, CA

SACRAMENTO
 EXE (SAC).....ILS or LOC Rwy 2¹²
 RNAV (GPS) Rwy 2³
 VOR Rwy 2³

NA when local weather not available.
¹NA when control tower closed.
²LOC, Category D, 800-2½.
³Category D, 800-2½.

SACRAMENTO

INTL (SMF).....ILS or LOC Rwy 17L¹
 RNAV (GPS) Y Rwy 17L²
 RNAV (GPS) Y Rwy 35R²

¹LOC, Category D, 900-2¾.
²Category D, 900-2¾.

SACRAMENTO

MATHER (MHR).....ILS or LOC Rwy 22L¹²
 RNAV (GPS) Rwy 4R³
 RNAV (GPS) Rwy 22L³⁴
 RNAV (GPS) Rwy 22R³⁴

¹NA when control tower closed.
²LOC, Category E, 800-2½.
³Category D, 800-2¼.
⁴NA when local weather not available.

NAME ALTERNATE MINIMUMS

SALINAS, CA

SALINAS MUNI (SNS).....ILS Rwy 31¹
 LOC/DME Rwy 31²
 RNAV (GPS) Rwy 13¹²
 RNAV (GPS) Y Rwy 31¹²
 RNAV (GPS) Z Rwy 31¹
 VOR Rwy 13³

¹NA when local weather not available.
²Category D, 800-2¼.
³Category D, 1000-3.

SAN ANDREAS, CA

SALAVERAS CO-MAURY RASMUSSEN
 FIELD (CPU).....RNAV (GPS) Rwy 31
 Category C, 1100-3.

SAN CARLOS, CA

SAN CARLOS (SQL).....RNAV (GPS) Y Rwy 30¹
 RNAV (GPS) Z Rwy 30²

NA when local weather not available.
¹Categories A, B, 1300-2.
²Categories A, B, 900-2.

SAN FRANCISCO, CA

SAN FRANCISCO
 INTL (SFO).....ILS or LOC Rwy 19L¹
 ILS or LOC Rwy 28L²
 RNAV (GPS) Rwy 10L³
 RNAV (GPS) Rwy 28L⁴
 RNAV (GPS) Y Rwy 10R³
 RNAV (GPS) Z Rwy 28R⁵
 RNAV (RNP) Z Rwy 10R⁶

¹LOC, Categories A, B, 1800-2; Categories C, D, 1800-3.
²ILS, Categories A, B, C, D, 800-2; LOC, Category A, 900-2; Category B, 1000-2; Category C, 1600-3.
³Categories A, B, 1200-2, Categories C, D, 1200-3.
⁴Categories A, B, 1100-2; Category C, 1600-3; Category D, 1100-2½.
⁵Category B, 1000-2; Category C, 1600-3.
⁶Categories A, B, C, D, 1100-4.

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.

SAN MARTIN, CA

SAN MARTIN (E16).....RNAV (GPS) Rwy 32
 NA when local weather not available.
 Category B, 900-2.

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SANTA ROSA, CA

CHARLES M SCHULZ-SONOMA
COUNTY (STS).....**ILS or LOC/DME Rwy 32¹²**
RNAV (GPS) Rwy 2³
RNAV (GPS) Rwy 14³
RNAV (GPS) Rwy 32³

- ¹NA when control tower closed.
- ²ILS, LOC, Category C, 1000-3; Category D, 1300-3.
- ³Category C, 1000-3; Category D, 1300-3.

STOCKTON, CA

STOCKTON
METRO (SCK).....**ILS or LOC Rwy 29R**
NA when control tower closed.

SUSANVILLE, CA

SUSANVILLE
MUNI (SVE).....**RNAV (GPS) Rwy 29**
Categories A, B, 1700-2; Categories C, D, 1700-3.

TRUCKEE, CA

TRUCKEE-TAHOE
(TRK).....**RNAV (GPS)-A¹**
RNAV (GPS) Rwy 11²
RNAV (GPS) Rwy 20³

- NA when local weather not available.
- ¹Categories A, B, 1600-2; Category C, 1800-3.
- ²Categories A, B, 1900-2; Category C, 1900-3.
- ³Category A, 1300-2; Category B, 1400-2; Category C, 1800-3.

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.

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 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 2¹**
VOR-A²³
¹Category D, 1000-3.
²NA when local weather not available.
³Categories A, B, 1200-2; Categories C, D, 1200-3.

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