IFR ALTERNATE AIRPORT MINIMUMS

Pilots must review the IFR Alternate Minimums Notes to determine alternate airport suitability. NA designation on the approach chart means that pilots may not use that approach as an alternate due to unmonitored facility, absence of weather reporting service, or lack of adequate navigation coverage. Approaches with the NA designation are not listed in this section. designation on the approach chart indicates that the approach procedure has non-standard minimums (for aircraft other than helicopters) or restrictions (for all users) for its use as an alternate. A procedure is not authorized for alternate flight planning purposes when local weather is not available.

MILITARY USERS NOTE: For IFR alternate airport and minima planning, refer to appropriate service directives.

Alternate Minima (ref: 14 CFR 91.169)

	Precision Approach	Non-Precision Approach
Standard	**600-2**	**800-2**
Non-Standard or restrictions	As indicated below	As indicated below
Helicopters	For the selected approach: Ceiling: 200' above published ceiling Visibility: the greater of 1 SM visibility or the published visibility	

Note: For alternate airport flight planning purposes, precision approach operations include: ILS, PAR, and GLS, and Non-Precision approach operations include NDB, VOR, LOC, TACAN, LDA, ASR, RNAV (GPS) and RNAV (RNP).

NAME — ALTERNATE MINIMUMS

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

ARCATA/EUREKA, CA
CALIFORNIA REDWOOD COAST-HUMBOLDT COUNTY (ACV)..... **RNAV (GPS) Rwy 1[1]**
RNAV (GPS) Rwy 32[2]
[1]Cat A, B 900-2, Cat C 900-2½, Cat D 900-2¾.
[2]Cat 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**
NA when local weather not available.
Cat B 900-2.

BISHOP, CA
BISHOP (BIH)..... **LDA Rwy 17[1]**
RNAV (GPS) Y Rwy 12[2]
RNAV (GPS) Z Rwy 12[3]
[1]Cat A, B 2300-2, Cat C, D 2300-3.
[2]Cat A, B 2500-2, Cat C 2500-3.
[3]Cat A, B 2300-2, Cat C 2300-3.

NAME — ALTERNATE MINIMUMS

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

CHESTER, CA
ROGERS FLD (O05)..... **RNAV (GPS) Rwy 34**
Cat A 1000-2, Cat B 1200-2, Cat C 1200-3.

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

COALINGA, CA
NEW COALINGA MUNI
MUNI (C80)..... **RNAV (GPS) Rwy 30**
NA when local weather not available.
Cat C 800-2¼, Cat D 1100-3.

CONCORD, CA
BUCHANAN FLD (CCR)..... **LDA Rwy 19R[12]**
RNAV (GPS) Rwy 19R[3]
VOR Rwy 19R[3]
[1]NA when control tower closed.
[2]Cat C 1000-2¾, Cat D 1300-3.
[3]Cat A, B 1000-2, Cat C 1000-3, Cat D 1300-3.

COLUMBIA, CA
COLUMBIA (O22)..... **RNAV (GPS) Rwy 35**
NA when local weather not available.
Cat A, B 1100-2, Cat C 1100-3.

NAME ALTERNATE MINIMUMS

CRESCENT CITY, CA

JACK MC NAMARA FLD (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.

DAVIS, CA

UNIVERSITY (EDU)..... **RNAV (GPS) Rwy 17**
RNAV (GPS) Rwy 35
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 29R[1]**
LOC Y Rwy 11L[2]
TACAN Rwy 11L[3]
TACAN Rwy 29R[2]
[1]LOC Cat E 900-2¾.
[2]Cat E 900-2¾.
[3]Cat E 900-2.

GRASS VALLEY, CA

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

HAYWARD, CA

HAYWARD EXEC (HWD)..... **LOC Rwy 28L[1]**
RNAV (GPS) Rwy 28L
NA when local weather not available.
Cat D 900-2¾.
[1]NA when control tower closed.

HOLLISTER, CA

HOLLISTER MUNI (CVH).... **RNAV (GPS) Rwy 13[1]**
RNAV (GPS) Rwy 31[2]
NA when local weather not available.
[1]Cat A, B, C 900-2½.
[2]Cat C 800-2½.

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**
Cat D 900-2¾.

NAME ALTERNATE MINIMUMS

LIVERMORE, CA

LIVERMORE MUNI (LVK)..... **ILS Rwy 25R[12]**
LOC Rwy 25R[34]
RNAV (GPS) Rwy 25R[5]
[1]NA when local weather not available.
[2]NA when control tower closed.
[3]NA when tower closed.
[4]Cat A, B 1600-2, Cat C, D 1600-3.
[5]Cat D 1400-3.

MAMMOTH LAKES, CA

MAMMOTH YOSEMITE (MMH)..... **RNAV (GPS) Rwy 27**
Cat A, B 1200-4, Cat C 1500-5.

MADERA, CA

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

MARIPOSA, CA

MARIPOSA-YOSEMITE (MPI)..... **RNAV (GPS)-A**
NA when local weather not available.
Cat A 1900-2, Cat B 2000-2.

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 28R[12]**
RNAV (GPS) Rwy 28R[3]
NA when local weather not available.
[1]NA when control tower closed.
[2]LOC Cat D 800-2¼.
[3]Cat D 800-2½.

MONTEREY, CA

MONTEREY RGNL (MRY)..... **ILS or LOC Rwy 10R[12]**
LOC Rwy 28L[13]
RNAV (GPS) Rwy 10R[4]
RNAV (GPS) Y Rwy 28L[5]
[1]NA when control tower closed.
[2]LOC Cat C 1100-3, Cat D NA.
[3]Cat A, B 1700-2, Cat C, D 1700-3.
[4]Cat C 1100-3, Cat D 800-2½.
[5]Cat A, B 900-2, Cat C 1100-3.

26 NOV 2026 to 24 DEC 2026

NAME ALTERNATE MINIMUMS

MOUNTAIN VIEW, CA

MOFFET FEDERAL AIRFIELD (NUQ)…….....…. **ILS or LOC Rwy 32R[12]**
LOC Rwy 14L[136]
RNAV (GPS) Rwy 14L[4]
RNAV (GPS) Rwy 14R[4]
RNAV (GPS) Rwy 32L[4]
RNAV (GPS) Rwy 32R[36]
TACAN Rwy 32L[15]
TACAN Rwy 32R[15]

[1]NA when tower closed.
[2]LOC Cat D 800-2½, Cat E 1000-3.
[3]Cat D 800-2½.
[4]Cat D 800-2¼.
[5]Cat D 800-2½, Cat E 1000-3.
[6]NA when local weather not available.

NAPA, CA

NAPA COUNTY (APC)… .**ILS Z or LOC Z Rwy 1L[12]**
RNAV (GPS) Rwy 6[3]
RNAV (GPS) Rwy 19R[4]
RNAV (GPS) Y Rwy 1L[5]
RNAV (GPS) Z Rwy 1L
VOR Rwy 6[6]

NA when local weather not available.
[1]NA when control tower closed.
[2]LOC Cat C, D 1300-3.
[3]Cat A, B 1400-2, Cat C, D 1400-3.
[4]Cat C, D 1300-3.
[5]Cat A, B, C, D 1400-5.
[6]Cat A, B 1100-2, Cat C, D 1300-3.

NOVATO, CA

GNOSS FLD (DVO)…….... **RNAV (GPS) Rwy 13**
NA when local weather not available.
Cat A, B 1100-2.

OAKLAND, CA

OAKLAND SAN FRANCISCO BAY (OAK)…….. ..**ILS or LOC Rwy 12[1]**
ILS or LOC Rwy 28R[2]
ILS or LOC Rwy 30[2]
RNAV (GPS) Rwy 10L[3]
RNAV (GPS) Rwy 10R[3]
RNAV (GPS) Y Rwy 12[3]
RNAV (GPS) Y Rwy 28L[3]
RNAV (GPS) Y Rwy 28R[3]
RNAV (GPS) Y Rwy 30[3]
VOR Rwy 10R[3]

[1]ILS Cat C 700-2, Cat D 1400-3; LOC Cat D 1400-3.
[2]LOC Cat D 1400-3.
[3]Cat D 1400-3.

PALO ALTO, CA

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

NAME ALTERNATE MINIMUMS

PETALUMA, CA

PETALUMA MUNI (O69)…….....**RNAV (GPS) Rwy 29**
NA when local weather not available.
Cat B 900-2.

PLACERVILLE, CA

PLACERVILLE (PVF)……..…..**RNAV (GPS) Rwy 5**
NA when local weather not available.
Cat B 900-2.

PORTERVILLE, CA

PORTERVILLE MUNI (PTV)…… . **VOR-A**
NA when local weather not available.

RED BLUFF, CA

RED BLUFF MUNI (RBL)…....**RNAV (GPS) Rwy 15[1]**
RNAV (GPS) Rwy 33
VOR Rwy 33
VOR/DME Rwy 15[1]

NA when local weather not available.
[1]Cat D 800-2¼.

REDDING, CA

REDDING RGNL (RDD)…….. ..**ILS or LOC Rwy 35[12]**
LOC BC Rwy 17[13]
RNAV (GPS) Rwy 17[3]
RNAV (GPS) Rwy 35[3]
VOR Rwy 35[4]

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

SACRAMENTO, CA

SACRAMENTO EXE (SAC)…….**ILS or LOC Rwy 2[12]**
RNAV (GPS) Rwy 2[3]
VOR Rwy 2[3]

NA when local weather not available.
[1]NA when control tower closed.
[2]LOC Cat D 800-2½.
[3]Cat D 800-2½.

SACRAMENTO INTL (SMF)..……..**ILS or LOC Rwy 17L[1]**
RNAV (GPS) Y Rwy 17L[2]
RNAV (GPS) Y Rwy 35R[2]

[1]LOC Cat D 900-2¾.
[2]Cat D 900-2¾.

26 NOV 2026 to 24 DEC 2026
26 NOV 2026 to 24 DEC 2026

NAME ALTERNATE MINIMUMS

SACRAMENTO, CA (CON'T)

SACRAMENTO
MATHER (MHR).....**ILS Y or Y LOC Rwy 22L[12]**
ILS Z or Z LOC Rwy 22L[12]
RNAV (GPS) Rwy 4R
RNAV (GPS) Rwy 22L[3]
RNAV (GPS) Rwy 22R[3]
NA when local weather not available.
1NA when control tower closed.
2LOC Cat D 800-2¼, Cat E 800-2¾.
3Cat D 800-2¼.

SALINAS, CA

SALINAS MUNI (SNS).....**ILS Rwy 31[1]**
LOC Rwy 31[12]
RNAV (GPS) Rwy 8[3]
RNAV (GPS) Rwy 13[2]
RNAV (GPS) Y Rwy 31[2]
RNAV (GPS) Z Rwy 31
VOR Rwy 13[4]
NA when local weather not available.
[1]NA when control tower closed.
[2]Cat D 1600-3.
[3]Cat D 1500-3.
[4]Cat D 900-2¾.

SAN ANDREAS, CA

CALAVERAS COUNTY/MAURY
RASMUSSEN FLD (CPU).....**RNAV (GPS) Rwy 31**
Cat C 1100-3.

SAN CARLOS, CA

SAN CARLOS (SQL)..... **RNAV (GPS) Y Rwy 30[1]**
RNAV (GPS) Z Rwy 30[2]
NA when local weather not available.
[1]Cat A, B 1300-2.
[2]Cat A, B 900-2.

NAME ALTERNATE MINIMUMS

SAN FRANCISCO, CA

SAN FRANCISCO
INTL (SFO).....**ILS or LOC Rwy 19L[1]**
ILS or LOC Rwy 28L[2]
ILS or LOC Rwy 28R[3]
RNAV (GPS) Rwy 10L[4]
RNAV (GPS) Rwy 19L[5]
RNAV (GPS) Rwy 28L[6]
RNAV (GPS) U Rwy 28R[7]
RNAV (GPS) Y Rwy 10R[8]
RNAV (GPS) Y Rwy 19R[9]
RNAV (GPS) Z Rwy 28R[a]
RNAV (RNP) Z Rwy 10R[b]
[1]ILS Cat A, B, C, D 800-2; LOC Cat A, B 1800-2, Cat C, D 1800-3.
[2]ILS Cat A, B, C, D 800-2½; LOC Cat A 900-2, Cat B 1000-2, Cat C 1600-3, Cat D 900-2½.
[3]LOC Cat B 1000-2, Cat C 1600-3.
[4]Cat A, B 1100-2, Cat C, D 1100-3.
[5]Cat A, B 1100-2, Cat C, D 1100-2½.
[6]Cat A, B 1100-2, Cat C 1600-3, Cat D 1100-2½.
[7]Cat A, B, C, D 1000-3.
[8]Cat A, B 1200-2, Cat C, D 1200-3.
[9]Cat A, B, C, D 1400-4.
[a]Cat B 1100-2, Cat C 1700-3.
[b]Cat A, B, C, D 1100-4.

SAN JOSE, CA

MINETA SAN JOSE
INTL (SJC).....**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.
Cat A, B 1100-2.

SANTA ROSA, CA

CHARLES M SCHULZ/SONOMA
COUNTY (STS).....**ILS or LOC Rwy 32[123]**
RNAV (GPS) Rwy 2[4]
RNAV (GPS) Rwy 14[4]
RNAV (GPS) Rwy 32[14]
[1]NA when local weather not available.
[2]NA when control tower closed.
[3]LOC Cat C 1000-3, Cat D 1300-3.
[4]Cat C 1000-3, Cat 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**
Cat A, B 1700-2, Cat C 1700-3, Cat D 2000-3.
NA when local weather not available.

NAME	ALTERNATE MINIMUMS	NAME	ALTERNATE MINIMUMS

TRACY, CA

TRACY MUNI (TCY)..... **RNAV (GPS) Rwy 12**
RNAV (GPS) Rwy 26
NA when local weather not available.

TRUCKEE, CA

TRUCKEE-TAHOE (TRK)..... **RNAV (GPS)-A**[1]
RNAV (GPS) Rwy 11[2]
RNAV (GPS) Rwy 20[3]
NA when local weather not available.
[1]Cat A, B 1600-2, Cat C 1800-3.
[2]Cat A, B 1900-2, Cat C 1900-3.
[3]Cat A 1300-2, Cat B 1400-2, Cat C 1800-3.

UKIAH, CA

UKIAH MUNI (UKI)..... **LOC Rwy 15**[1]
RNAV (GPS)-B[2]
RNAV (GPS) Rwy 15[1]
[1]Cat A, B 1700-2, Cat C 1700-3, Cat D 2200-3.
[2]Cat A, B 1500-2, Cat C 1600-3, Cat D 2200-3.

VACAVILLE, CA

NUT TREE (VCB)..... **RNAV (GPS) Rwy 20**[12]
VOR-A[3]
[1]NA when local weather not available.
[2]Cat C 900-2½, Cat D 1400-3.
[3]Cat A, B 900-2, Cat C 900-2½, Cat D 1300-3.

VISALIA, CA

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

WATSONVILLE, CA

WATSONVILLE
MUNI (WVI)..... **RNAV (GPS) Rwy 2**[1]
VOR-A[2]
NA when local weather not available.
[1]Cat D 1100-3.
[2]Cat A, B 1200-2, Cat C, D 1200-3.

26 NOV 2026 to 24 DEC 2026