

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

BAKERSFIELD, CA

MEADOWS
FIELD (BFL).....**ILS or LOC Rwy 30R¹**
RNAV (GPS) Rwy 12L
RNAV (GPS) Rwy 30R

NA when local weather not available.
¹NA when control tower closed.

BIG BEAR CITY, CA

BIG BEAR CITY (L35).....**RNAV (GPS) Rwy 26**
Categories A, B, 1600-2.

BLYTHE, CA

BLYTHE (BLH).....**RNAV (GPS) Rwy 26¹**
VOR/DME-A²
VOR/DME Rwy 26²

¹Categories A, B, 1700-2; Categories C, D, 1700-3
²Category D, 900-2 $\frac{1}{4}$.

BURBANK, CA

BOB HOPE (BUR).....**ILS Y or LOC Y Rwy 8³**
ILS Z or LOC Z Rwy 8¹
RNAV (GPS)-A²
RNAV (GPS) Z Rwy 8⁴
RNAV (RNP) Y Rwy 8⁵
VOR Rwy 8⁴

¹LOC, Category B, 900-2; Category C, 1500-3; Category D, 1600-3.
²Categories A, B, 1100-2; Category C, 1500-3; Category D, 1600-3.
³ILS Categories A, B, C, D 900-2 $\frac{1}{2}$; LOC, Categories A, B, 900-2; Category C, 1500-3; Category D, 1600-3.
⁴Categories A, B, 900-2; Category C, 1500-3; Category D, 1600-3.
⁵Categories A, B, C, D, 800-2 $\frac{1}{2}$.

CAMARILLO, CA

CAMARILLO (CMA).....**RNAV (GPS) Rwy 8¹³**
RNAV (GPS) Y Rwy 26¹
VOR Rwy 26²

¹NA when local weather not available.
²Categories A, B, 1100-2; Category C, 1100-3.
³Categories C, D, 800-2 $\frac{1}{2}$.

NAME ALTERNATE MINIMUMS

CARLSBAD, CA

MC CLELLAN-
PALOMAR (CRQ).....**ILS or LOC Rwy 24¹²**
RNAV (GPS) X Rwy 24³
RNAV (GPS) Y Rwy 6⁴
RNAV (GPS) Y Rwy 24³
VOR-A⁶⁶

¹NA when control tower closed.
²ILS, Categories A, B, 700-2; Category C, 1000-2 $\frac{1}{4}$. LOC, Category C 1000-2 $\frac{1}{4}$.
³Category C, 1000-2 $\frac{1}{4}$.
⁴Categories A, B, 900-2; Category C, 1000-2 $\frac{1}{4}$; Category D 1500-3.
⁵Categories A, B, 1000-2; Category C, 1000-3.
⁶NA when local weather not available.

CHINO, CA

CHINO (CNO).....**ILS or LOC Rwy 26R**
NA when control tower closed.

DAGGETT, CA

BARSTOW-
DAGGETT (DAG).....**RNAV (GPS) Rwy 22¹**
RNAV (GPS) Rwy 26³
VOR or TACAN Rwy 22²

NA when local weather not available.
¹Category B, 900-2; Category C, 1000-2 $\frac{1}{4}$; Category D, 1000-3.
²Categories A, B, 1700-2; Categories C, D, 1700-3.
³Category B, 1000-2; Categories C, D, 1600-3.

EL MONTE, CA

SAN GABRIEL VALLEY (EMT).....**VOR-A¹²**
¹NA when local weather not available.
²Categories A, B, 1000-2; Category C, 1000-3
Category D, 1100-3.

FULLERTON, CA

FULLERTON MUNI (FUL).....**LOC/DME Rwy 24¹**
VOR-A²

¹NA when control tower closed.
²Categories A, B, 1500-2.

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NAME ALTERNATE MINIMUMS

HAWTHORNE, CA

JACK NORTHROP FIELD/
HAWTHORNE MUNI (HHR).....**LOC Rwy 25¹**
RNAV (GPS) Rwy 25
VOR Rwy 25¹²

Category D, 800-2¼.

¹NA when control tower closed.²NA when local weather not available.**HEMET, CA**

HEMET-RYAN (HMT).....**RNAV (GPS) Rwy 5**
NA when local weather not available.
Categories A, B, 900-2; Category C, 1100-3.

LA VERNE, CA

BRACKETT FIELD (POC).....**ILS Rwy 26L¹²**
LOC Rwy 26L¹²³
RNAV (GPS) Rwy 26L¹³
VOR or GPS-A²³

¹NA when local weather not available.²NA when control tower closed.³Category C, 800-2¼.**LANCASTER, CA**

GENERAL WILLIAM J. FOX
AIRFIELD (WJF).....**VOR-B¹**
RNAV (GPS) Rwy 6²
RNAV (GPS) Rwy 24²

¹Categories A, B, 1000-2; Categories C, D, 1000-3.²NA when local weather not available.**LOMPOC, CA**

LOMPOC (LPC).....**RNAV (GPS) Rwy 25¹**
VOR/DME-A²

¹NA when local weather not available.²Categories A, B, 1300-2.**LONG BEACH, CA**

LONG BEACH/DAUGHERTY
FIELD (LGB).....**ILS or LOC Rwy 30¹²**
RNAV (RNP) Rwy 12¹
RNAV (RNP) Rwy 26R¹
RNAV (RNP) Y Rwy 30¹
VOR or TACAN Rwy 30³

¹NA when control tower closed.²LOC, Category C, 800-2¼; Category D, 800-2½.³LOC, Category C, 800-2¼; Category D, 800-2½;

NA when control tower closed.

LOS ANGELES, CA

WHITEMAN (WHP).....**VOR-A**
Category B, 900-2; Category C, 1200-3.

MOJAVE, CA

MOJAVE AIR AND SPACE
PORT (MHV).....**RNAV (GPS) Rwy 4**
RNAV (GPS) Rwy 22

NA when local weather not available.

Category C, 1400-3; Category D, 1700-3.

NAME ALTERNATE MINIMUMS

NEEDLES, CA

NEEDLES (EED).....**VOR-A**
Category D, 800-2½.

OCEANSIDE, CA

BOB MAXWELL MEMORIAL
AIRFIELD (OKB).....**VOR-A**
Categories A, B, 1200-2.

ONTARIO, CA

ONTARIO INTL (ONT).....**ILS or LOC Rwy 8L¹**
ILS or LOC Rwy 26L²
ILS or LOC Rwy 26R³

¹ILS, Category D, 700-2.²LOC, Categories C, D, 800-2½.³LOC, Category D, 800-2¼.**OXNARD, CA**

OXNARD (OXR).....**ILS or LOC Rwy 25¹²**
RNAV (GPS) Rwy 7
RNAV (GPS) Rwy 25
VOR Rwy 25

NA when local weather not available.

¹ILS, Category D, 700-2.²NA when control tower closed.**PALM SPRINGS, CA**

JACQUELINE COCHRAN
RGNL (TRM).....**RNAV (GPS) Rwy 30¹**
RNAV (GPS) Rwy 35²
VOR Rwy 30¹
VOR-A³

¹Category D, 900-3.²Categories C, D, 1100-3.³Categories A, B, 1600-2; Categories C, D, 1600-3.**PALM SPRINGS**

INTL (PSP).....**RNAV (RNP) Y Rwy 31L¹**
RNAV (RNP) Z Rwy 13R¹
VOR or GPS-B²

¹NA when control tower closed.²Categories A, B, 1900-2; Categories C, D, 1900-3.**PALMDALE, CA**

PALMDALE USAF
PLANT 42 (PMD).....**ILS or LOC Rwy 25¹²**
RNAV (GPS) Rwy 7³
RNAV (GPS) Rwy 22³
RNAV (GPS) Rwy 25³
VOR or TACAN Rwy 25⁴

¹NA when control tower closed.²ILS, LOC, Categories A, B, 1000-2; Category C, 1000-3; Category D, 1200-3; Category E, 1300-3.³Category D, 1200-3.⁴Category D, 1200-3; Category E, 1300-3.

NAME ALTERNATE MINIMUMS

PASO ROBLES, CA

PASO ROBLES
MUNI (PRB).....RNAV (GPS) Rwy 19¹
RNAV (GPS) Rwy 31^{2,3}
VOR Rwy 19¹
VOR-B¹

¹Category D, 900-3.
²NA when local weather not available.
³Category D, 900-3.

RAMONA, CA

RAMONA (RNM).....RNAV (GPS)-B¹
RNAV (GPS) Rwy 9²
VOR/DME-A³

NA when local weather not available.
¹Categories A, B, 1400-2; Category C, 1400-3.
²Categories A, B, 900-2; Category C, 900-2½.
³Categories A, B 1200-2; Category C, 1200-3.

RIVERSIDE, CA

RIVERSIDE
MUNI (RAL).....ILS or LOC Rwy 9^{1,2,3}
RNAV (GPS) Rwy 9^{3,4}
RNAV (GPS) Rwy 27^{5,6}
VOR-A^{3,6}
VOR Rwy 9^{3,5}

¹NA when control tower closed.
²ILS, LOC, Category C, 900-2¼; Category D, 900-2½.
³NA when local weather not available.
⁴Category C, 900-2¼; Category D, 900-2½.
⁵Categories A, B, 1300-2; Category C, 1300-3.
⁶Categories A, B, 1500-2; Categories C, D, 1500-3.

SAN BERNARDINO, CA

SAN BERNARDINO
INTL (SBD).....ILS or LOC Z Rwy 6^{1,2}
LOC Y Rwy 6^{1,3}
RNAV (GPS) Y Rwy 6^{1,4}
RNAV (GPS) Z Rwy 6⁵

NA when local weather not available.
¹NA when control tower closed.
²LOC, Category D, 1500-3.
³Categories A, B, 1000-2; Category C, 1000-3, Category D, 1500-3.
⁴Categories A, B, 1400-2; Category C, 1400-3, Category D, 1500-3.
⁵Category D, 1500-3.

SAN DIEGO, CA

BROWN FIELD
MUNI (SDM).....RNAV (GPS) Rwy 8L^{1,2}
VOR or TACAN-A³

¹NA when local weather not available.
²Category D, 1800-3.
³Categories A, B, C, 900-2¾; Category D, 1800-3.

MONTGOMERY-GIBBS

EXECUTIVE (MYF).....RNAV (GPS) Rwy 28R
NA when local weather not available.

NAME ALTERNATE MINIMUMS

SAN DIEGO, CA (CON'T)

SAN DIEGO
INTL (SAN).....ILS Y or LOC Y Rwy 9¹
ILS Z or LOC Z Rwy 9²
LOC Rwy 27³
RNAV (GPS) Rwy 9⁴
RNAV (GPS) Y Rwy 27³

¹LOC, Categories A, B, 1000-2; Category C, 1000-2¾; Category D, 1000-3.
²LOC, Category B, 900-2; Category C, 900-2¼; Category D, 1000-3.
³Categories A, B, 900-2; Category C, 900-2½; Category D, 1000-3.
⁴Category B, 900-2; Category C, 900-2¼; Category D, 1000-3.

SAN DIEGO/EL CAJON, CA

GILLESPIE
FIELD (SEE).....LOC-D^{1,2}
RNAV (GPS) Rwy 9L³
RNAV (GPS) Rwy 17^{4,5}

¹NA when control tower closed.
²Categories A, B, 1200-2; Categories C, D, 1600-3.
³Categories, A, B, 1400-2.
⁴Categories A, B, 1100-2; Categories C, D, 1100-3.
⁵NA when local weather not available.

SAN LUIS OBISPO, CA

SAN LUIS
COUNTY RGNL (SBP).....ILS Rwy 11¹
LOC Rwy 11²
RNAV (GPS) Rwy 11^{3,4}
RNAV (GPS) Rwy 29^{3,4}
VOR or TACAN A⁵

¹NA when control tower closed.
²Categories A, B, 1000-2; Category C, 1000-3; Category D, 1100-3.
³Category B, 1100-2; Category C, 1300-3; Category D, 1400-3.
⁴NA when local weather not available.
⁵Categories A, B, 1500-2; Categories C, D, 1500-3.

SANTA ANA, CA

JOHN WAYNE AIRPORT-ORANGE
COUNTY (SNA).....ILS or LOC Rwy 20R^{1,3}
LDA/DME Rwy 20R^{1,2,4}
LOC BC Rwy 2L^{1,2,4}
RNAV (GPS) Y Rwy 2L^{2,4}
RNAV (GPS) Y Rwy 20R²

¹NA when control tower closed.
²Category C, 800-2¼; Category D, 1200-3.
³ILS, LOC, Categories A, B, 1000-2; Category C, 1000-3; Category D, 1200-3.
⁴NA when local weather not available.

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NAME ALTERNATE MINIMUMS

SANTA BARBARA, CA

SANTA BARBARA
MUNI (SBA).....**ILS or LOC Rwy 7¹²**
RNAV (GPS) Rwy 7¹³
VOR or GPS Rwy 25⁴

- ¹NA when local weather not available.
- ²ILS, Categories A, B, 800-2; Category C, 800-2½; Category D, 1000-3. LOC, Category C, 800-2½; Category D, 1000-3.
- ³Category C, 800-2½; Category D, 1000-3.
- ⁴Categories A, B, 1000-2; Categories C, D, 1000-3.

SANTA MARIA, CA

SANTA MARIA PUBLIC/CAPTAIN G. ALLAN
HANCOCK FIELD (SMX).....**ILS or LOC Rwy 12¹⁴⁵**
LOC/DME BC-A₂₄
RNAV (GPS) Rwy 12²⁵
RNAV (GPS) Rwy 30⁵⁶
VOR Rwy 12³⁵

- ¹ILS, LOC, Category D, 1100-3.
- ²Category A, B, 900-2; Category C, 900-2½; Category D, 1100-3.
- ³Category D, 1100-3.
- ⁴NA when control tower closed.
- ⁵NA when local weather not available.
- ⁶Categories A, B, 1400-2; Category C, 1400-3.

SANTA MONICA, CA

SANTA MONICA
MUNI (SMO).....**RNAV (GPS) Rwy 21¹**
RNAV (GPS) Y Rwy 3²
RNAV (GPS) Z Rwy 3³

- ¹Categories A, B, 1000-2; Categories, C, D, 1000-2½.
- ²Categories A, B, 900-2; Categories C, D, 900-2½.
- ³Categories A, B, 1300-2.

SANTA YNEZ, CA

SANTA YNEZ (IZA).....**VOR or GPS-B**
Categories A, B, 1300-2.
NA except for operators with approved weather reporting service.

TORRANCE, CA

ZAMPERINI
FIELD (TOA).....**ILS or LOC Rwy 29R**
RNAV (GPS) Rwy 11L
RNAV (GPS) Rwy 29R
VOR Rwy 11L¹

- NA when control tower closed, except for operators with approved weather reporting services.
- ¹Categories A, B, 900-2; Category C, 900-2½.

NAME ALTERNATE MINIMUMS

VAN NUYS, CA

VAN NUYS (VNY).....**ILS Y Rwy 16R¹²³**
ILS Z Rwy 16R¹²
LDA-C⁴⁵
VOR-A⁶
VOR-B⁷

- ¹NA when control tower closed.
- ²NA when local weather not available.
- ³ILS, Categories A, B, C, D, 700-2.
- ⁴Category D, 1300-3.
- ⁵NA when K BUR control tower closed.
- ⁶Category D, 1000-3.
- ⁷Categories A, B, 900-2; Category C, 900-2½; Category D, 1000-3.

VICTORVILLE, CA

SOUTHERN CALIFORNIA
LOGISTICS (VCV).....**ILS or LOC Rwy 17¹**
RNAV (GPS) Rwy 17²
VOR/DME Rwy 17²

- NA when local weather not available.
- ¹ILS, Category D, 700-2½; LOC, Category D, 800-2½.
- ²Category D, 800-2½.

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