

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, 900-2½.

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 900-2½; 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, 800-2½.

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, 800-2½.

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-A⁵⁶

¹NA when control tower closed.

²ILS, Categories A, B, 700-2; Category C, 1000-2½. LOC, Category C 1000-2½.

³Category C, 1000-2½.

⁴Categories A, B, 900-2; Category C, 1000-2½; 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, 1000-2½; 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**
VOR or GPS-B³⁴

¹NA when local weather not available.

²Categories A, B, 1000-2; Category C, 1000-3; Category D, 1100-3.

³NA when control tower closed.

⁴Categories A, B, 1100-2.

NAME ALTERNATE MINIMUMS

FULLERTON, CA

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

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

HAWTHORNE, CA

JACK NORTHROP FIELD/
HAWTHORNE MUNI (HHR).....**LOC Rwy 25¹²**
RNAV (GPS) Rwy 25²
VOR Rwy 25¹³

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

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, 900-2.

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**
Categories A, B, 900-2; Category C, 900-2½.
NA when control tower closed.

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.
- ³ILS, Categories A, B, C, 700-2; Category D, 700-2¼; LOC, 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).....**VOR or GPS-B**
Categories 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.

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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 27⁵
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 6⁴
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.

NAME ALTERNATE MINIMUMS

SAN DIEGO, CA

BROWN FIELD

MUNI (SDM).....**RNAV (GPS) Rwy 8L^{1,3}**
VOR or GPS-A², 800-2¼

- ¹NA when local weather not available.
- ²NA when control tower closed.
- ³Category D, 1800-3.

MONTGOMERY-GIBBS

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

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
RNAV (RNP) Z Rwy 27⁵

- ¹LOC, Categories A, B, 1000-2; Category C, 1000-2¼; 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.
- ⁵Categories A, B, C, D, 800-2½.

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 11^{1,3}
RNAV (GPS) Rwy 11⁴
VOR or TACAN A²

- ¹NA when control tower closed.
- ²Categories A, B, 1500-2; Categories C, D, 1500-3.
- ³Categories A, B, 1000-2; Category C, 1000-3; Category D, 1100-3.
- ⁴Category C, 1000-2¼; Category D, 1100-3.

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SANTA ANA, CA

JOHN WAYNE AIRPORT-ORANGE
COUNTY (SNA).....ILS or LOC Rwy 20R¹³
LDA/DME Rwy 20R¹²⁴
LOC BC Rwy 2L¹²⁴
RNAV (GPS) Y Rwy 2L²⁴
RNAV (GPS) Y Rwy 20R²

- ¹NA when control tower closed.
- ²Category C, 800-2½; 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.

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-A₂₄²⁴
RNAV (GPS) Rwy 12³⁵
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 C, D, 800-2½.
- 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.

NAME ALTERNATE MINIMUMS

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.

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 KBUR 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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