

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

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.

NAME ALTERNATE MINIMUMS

HAWTHORNE, CA

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

Category D, 800-2 $\frac{1}{4}$.

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, 800-2 $\frac{1}{4}$.

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, 800-2 $\frac{1}{4}$; Category D, 800-2 $\frac{1}{2}$.

³LOC, Category C, 800-2 $\frac{1}{4}$; Category D, 800-2 $\frac{1}{2}$;

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, 800-2 $\frac{1}{2}$.

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, 800-2 $\frac{1}{2}$.

³LOC, Category D, 800-2 $\frac{1}{4}$.

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 19¹²**
RNAV (GPS) Rwy 31¹²
VOR Rwy 19¹²
VOR-B³

¹NA when local weather not available.

²Category D, 900-2½.

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 9¹²³**
RNAV (GPS) Rwy 9³⁴
RNAV (GPS) Rwy 27⁵⁶
VOR-A³⁶
VOR Rwy 9³⁵

¹NA when control tower closed.

²ILS, LOC, Category C, 900-2½; Category D, 900-2½.

³NA when local weather not available.

⁴Category C, 900-2½; 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 6¹²**
LOC Y Rwy 6¹³
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.

SAN DIEGO, CA

BROWN FIELD
MUNI (SDM).....**RNAV (GPS) Rwy 8L¹²**
VOR or TACAN-A³

¹NA when local weather not available.

²Category D, 1800-3.

³Categories A, B, C, 900-2½; 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, 1000-2½; Category D, 1000-3.

²LOC, Category B, 900-2; Category C, 900-2½; Category D, 1000-3.

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

⁴Category B, 900-2; Category C, 900-2½; Category D, 1000-3.

SAN DIEGO/EL CAJON, CA

GILLESPIE
FIELD (SEE).....**LOC-D¹²**
RNAV (GPS) Rwy 9L³
RNAV (GPS) Rwy 17⁴⁵

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 11¹²
RNAV (GPS) Rwy 11³⁴
RNAV (GPS) Rwy 29³⁴
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 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.

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 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.