

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 30R ¹
	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 26 ¹
	VOR /DME-A ²
	VOR/DME Rwy 26 ²

¹Categories A, B, 1700-2; Categories C, D, 1700-3
²Category D, 900-2½.

BURBANK, CA	
BOB HOPE (BUR).....	ILS Z or LOC Z Rwy 8 ¹⁴
	ILS Y or LOC Y Rwy 8 ³
	RNAV (GPS)-A ²
	RNAV (GPS) Z Rwy 8 ²
	RNAV (RNP) Y Rwy 8 ⁵
	VOR Rwy 8 ²

¹ILS, LOC, Category B, 900-2; Category C, 1500-3; Category D, 1600-3.
²Categories A, B, 900-2; Category C, 1500-3; Category D, 1600-3.
³ILS, LOC, Categories A, B, 900-2; Category C, 1500-3; Category D, 1600-3.
⁴NA when tower closed.
⁵Categories A, B, C, D, 800-2½.

CAMARILLO, CA	
CAMARILLO (CMA).....	RNAV (GPS) Rwy 8 ¹³
	RNAV (GPS) Y Rwy 26 ¹
	VOR Rwy 26 ²

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 24 ¹²
	RNAV (GPS) X Rwy 24 ³
	RNAV (GPS) Y Rwy 6 ⁴
	RNAV (GPS) Y Rwy 24 ³
	VOR-A ⁵⁶

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 22 ¹
	RNAV (GPS) Rwy 26 ³
	VOR or TACAN Rwy 22 ²

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-A ¹
	VOR or GPS-B ²³

¹NA when local weather not available.
²NA when control tower closed.
³Categories A, B, 1100-2.

FULLERTON, CA	
FULLERTON MUNI (FUL).....	LOC/DME Rwy 24 ¹
	VOR-A ²

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

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NAME ALTERNATE MINIMUMS

HAWTHORNE, CA

JACK NORTROP 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 26L**
LOC Rwy 26L
VOR or GPS-A¹

NA when control tower closed.

¹Category 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 (GPS) Z Rwy 30³
RNAV (RNP) Rwy 12¹
RNAV (RNP) Rwy 26R¹
RNAV (RNP) Y Rwy 30¹
VOR or TACAN Rwy 30¹⁴

¹NA when control tower closed.²LOC, Category C, 800-2¼; Category D, 800-2½.³Categories A, B, 900-2; Category C, 900-2½; Category D, 900-2¾.⁴Category C, 800-2¼; Category D, 800-2½.**LOS ANGELES, CA**

WHITEMAN (WHP).....**VOR-A**
Categories A, B, 900-2; Category C, 900-2½.
NA when control tower closed.

NEEDLES, CA

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

NAME ALTERNATE MINIMUMS

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, 700-2.²ILS, Categories, A, B, 800-2; Categories C, D, 800 -2 ½; LOC, 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.

NAME ALTERNATE MINIMUMS

PASO ROBLES, CA

PASO ROBLES
MUNI (PRB).....**RNAV (GPS) Rwy 19¹**
RNAV (GPS) Rwy 31²³
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 9¹²³**
RNAV (GPS) Rwy 9³⁴
RNAV (GPS) Rwy 27⁵
VOR-A³⁶
VOR Rwy 9³⁵

- 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 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.

NAME ALTERNATE MINIMUMS

SAN DIEGO, CA

BROWN FIELD
MUNI (SDM).....**RNAV (GPS) Rwy 8L¹³**
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).....**ILS or LOC Rwy 28R**
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-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 11¹³
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 20R**¹³
 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 7**¹²
 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 12**¹⁴⁵
 LOC/DME BC-A²⁴
 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 21**¹
 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 16R**¹²³
 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 17**¹
 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.