

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	NAME	ALTERNATE MINIMUMS
ALTURAS, CA		CONCORD, CA	
ALTURAS		BUCHANAN	
MUNI (AAT).....	RNAV (GPS) Rwy 31	FIELD (CCR).....	LDA Rwy 19R ¹²
Category B, 900-2.			RNAV (GPS) Rwy 19R ³
			VOR Rwy 19R ³
ARCATA/EUREKA, CA			
CALIFORNIA REDWOOD COAST-HUMBOLDT			
COUNTY (ACV).....	RNAV (GPS) Rwy 1 ¹		
	RNAV (GPS) Rwy 32 ²		
		¹ NA when control tower closed.	
		² Category C, 1000-2½; Category D, 1300-3.	
¹ Categories A, B, 900-2; Category C, 900-2½;		³ Categories A, B, 1000-2; Category C, 1000-3;	
Category D, 900-2½.		Category D, 1300-3.	
² Category D, 800-2½.			
ATWATER, CA		COLUMBIA, CA	
CASTLE (MER).....	ILS or LOC/DME Rwy 31 ¹	COLUMBIA (O22).....	RNAV (GPS) Rwy 35
	RNAV (GPS) Rwy 13	Categories A, B, 1100-2; Category C, 1100-3.	
	RNAV (GPS) Rwy 31		
	VOR/DME Rwy 31	CRESCENT CITY, CA	
		JACK MC NAMARA	
NA when local weather not available.		FIELD (CEC).....	RNAV (GPS) Rwy 12
¹ NA when control tower closed.			RNAV (GPS) Rwy 36
			VOR Rwy 12
			VOR/DME Rwy 12
			VOR/DME Rwy 36
AUBURN, CA			
AUBURN MUNI (AUN).....	RNAV (GPS) Rwy 7		
NA when local weather not available.			
BISHOP, CA		FRESNO, CA	
BISHOP (BIH).....	LDA Rwy 17 ¹	FRESNO YOSEMITE	
	RNAV (GPS) Y Rwy 12 ²	INTL (FAT).....	ILS Y or LOC Y Rwy 29R ¹
	RNAV (GPS) Z Rwy 12 ³		LOC Y Rwy 11L ²
	VOR or GPS-A ⁴ , 3300-3		VOR/DME or TACAN Rwy 11L ²
¹ Categories A, B, 2300-2; Categories C, D, 2300-3.			VOR/DME or TACAN Rwy 29R ²
² Categories A, B 2500-2; Category C, 2500-3.		¹ ILS, LOC, Category E, 900-2½.	
³ Categories A, B, 2300-2; Category C, 2300-3.		² Category E, 900-2½.	
⁴ NA when Bishop altimeter setting not available.			
BYRON, CA		GRASS VALLEY, CA	
BYRON (C83).....	RNAV (GPS) Rwy 30	NEVADA	
Category D, 800-2½.		COUNTY (GOO).....	RNAV (GPS) Rwy 7
		NA when local weather not available.	
		Category D, 800-2½.	
CHICO, CA			
CHICO MUNI (CIC).....	VOR/DME Rwy 31R		
NA when control tower closed except for operators			
with approved weather reporting service.			

NAME ALTERNATE MINIMUMS

HALF MOON BAY, CA

HALF MOON
BAY (HAF).....RNAV (GPS) Y Rwy 12
RNAV (GPS) Y Rwy 30
NA when local weather not available.

HANFORD, CA

HANFORD MUNI (HJO).....RNAV (GPS) Rwy 32
RNAV (GPS)-A
VOR-A
NA when local weather not available.

HAYWARD, CA

HAYWARD
EXECUTIVE (HWD).....LOC/DME Rwy 28L¹
RNAV (GPS) Rwy 28L
VOR/DME-A
NA when local weather not available.
¹NA when control tower closed.

HOLLISTER, CA

HOLLISTER
MUNI (CVH).....RNAV (GPS) Rwy 31
NA when local weather not available.

LINCOLN, CA

LINCOLN RGNL/KARL
HARDER FIELD (LHM).....RNAV (GPS) Rwy 15
RNAV (GPS) Rwy 33
NA when local weather not available.

LIVERMORE, CA

LIVERMORE MUNI (LVK).....ILS Rwy 25R¹
LOC Rwy 25R²³
RNAV (GPS) Rwy 25R⁴
¹NA when control tower closed.
²NA when tower closed.
³LOC, Categories A, B, 1600-2; Categories C, D, 1600-3.
⁴Category D, 1400-3.

MAMMOTH LAKES, CA

MAMMOTH
YOSEMITE (MMH).....RNAV (GPS) Rwy 27
Categories A, B, 1300-2; Category C, 1300-3.

MARYSVILLE, CA

YUBA COUNTY (MYV).....RNAV (GPS) Rwy 14
RNAV (GPS) Rwy 32
NA when local weather not available.

NAME ALTERNATE MINIMUMS

MERCED, CA

MERCED RGNL/MACREADY
FIELD (MCE).....ILS or LOC Rwy 30¹
LOC BC Rwy 12¹
RNAV (GPS) Rwy 30²
VOR Rwy 30²

¹NA when class E airspace not in effect.
²NA when local weather not available.

MODESTO, CA

MODESTO CITY-COUNTY-HARRY SHAM
FIELD (MOD).....ILS or LOC/DME Rwy 28R¹
RNAV (GPS) Rwy 28R
NA when local weather not available.
¹NA when control tower closed.

MONTEREY, CA

MONTEREY
RGNL (MRY).....ILS or LOC Rwy 10R¹²
LOC Rwy 28L¹³
RNAV (GPS) Rwy 10R⁶
RNAV (GPS) Y Rwy 28L⁴
RNAV (RNP) Z Rwy 28L⁵

¹NA when control tower closed.
²ILS, Categories A, B, 700-2; Category C, 1100-3; Category D, 1600-3. LOC, Category C, 1100-3; Category D, 1600-3.
³Categories A, B, 1700-2, Categories C, D, 1700-3.
⁴Categories A, B, 900-2, Category C, 1100-3.
⁵Categories A, B, C, 1000-3.
⁶Category C, 1100-3; Category D, 1600-3.

NAPA, CA

NAPA
COUNTY (APC).....ILS or LOC Rwy 36L¹²
RNAV (GPS) Y Rwy 36L
RNAV (GPS) Z Rwy 36L
VOR Rwy 6³

NA when local weather not available.
¹NA when control tower closed.
²ILS, Category A, 700-2; Category B, 800-2; Category C, 900-2¾; Category D, 1200-3. LOC, Category C, 900-2¾, Category D, 1200-3.
³Category D, 1300-3.

26 APR 2018 to 24 MAY 2018

26 APR 2018 to 24 MAY 2018

18116

M3



NAME ALTERNATE MINIMUMS

OAKLAND, CA METROPOLITAN OAKLAND INTL (OAK).....ILS or LOC Rwy 12¹ ILS or LOC Rwy 30¹ ILS or LOC/DME Rwy 28R¹ RNAV (GPS) Rwy 10L² RNAV (GPS) Rwy 10R² RNAV (GPS) Y Rwy 12² RNAV (GPS) Y Rwy 28L² RNAV (GPS) Y Rwy 28R² RNAV (GPS) Y Rwy 30² VOR Rwy 10R²

¹ILS, Category C, 700-2; Category D, 1400-3; LOC, Category D, 1400-3.

²Category D, 1400-3.

PALO ALTO, CA PALO ALTO (PAO).....VOR/DME Rwy 31 NA when control tower closed.

PETALUMA, CA PETALUMA MUNI (O69).....RNAV (GPS) Rwy 29 NA when local weather not available.

PLACERVILLE, CA PLACERVILLE (PVF).....RNAV (GPS) Rwy 5 NA when local weather not available.

RED BLUFF, CA RED BLUFF MUNI (RBL).....RNAV (GPS) Rwy 15¹ RNAV (GPS) Rwy 33 VOR Rwy 33 VOR/DME Rwy 15¹

NA when local weather not available.

¹Category D, 800-2½.

REDDING, CA REDDING MUNI (RDD).....ILS or LOC/DME Rwy 34¹²³ LOC/DME BC Rwy 16²³ RNAV (GPS) Rwy 34³ VOR Rwy 34⁴

¹ILS, Categories A, B, C, D, 700-2; Category E, 900-3. LOC, Category E, 900-3.

²NA when control tower closed.

³NA when local weather not available.

⁴Category C, 800-2¼; Category D, 800-2½.

18116

M3

NAME ALTERNATE MINIMUMS

SACRAMENTO, CA SACRAMENTO EXECUTIVE (SAC).....ILS or LOC Rwy 2¹ RNAV (GPS) Rwy 2 VOR Rwy 2

NA when local weather not available.

¹NA when control tower closed.

SACRAMENTO INTL (SMF).....ILS or LOC Rwy 16L³ ILS or LOC Rwy 34L² RNAV (GPS) Y Rwy 16L¹ RNAV (GPS) Y Rwy 34R¹

¹Category D, 900-2¾.

²NA when local weather not available.

³ILS, LOC Category D, 900-2¾.

SACRAMENTO MATHER (MHR).....ILS or LOC/DME Rwy 22L NA when control tower closed. Category E, 800-2½.

SALINAS, CA SALINAS MUNI (SNS).....ILS Rwy 31¹ LOC/DME Rwy 31² RNAV (GPS) Rwy 13¹² RNAV (GPS) Y Rwy 31¹² RNAV (GPS) Z Rwy 31¹ VOR Rwy 13³

¹NA when local weather not available.

²Category D, 800-2¾.

³Category D, 1000-3.

SAN ANDREAS, CA CALAVERAS CO-MAURY RASMUSSEN FIELD (CPU).....RNAV (GPS) Rwy 31 Category C, 1100-3.

SAN CARLOS, CA SAN CARLOS (SQL).....RNAV (GPS) Y Rwy 30¹ RNAV (GPS) Z Rwy 30²

NA when local weather not available.

¹Categories A, B, 1300-2.

²Categories A, B, 900-2.

26 APR 2018 to 24 MAY 2018

NAME ALTERNATE MINIMUMS

SAN FRANCISCO, CA

SAN FRANCISCO
INTL (SFO).....**ILS or LOC Rwy 19L¹**
ILS or LOC Rwy 28L²
ILS or LOC Rwy 28R³
RNAV (GPS) Rwy 10L⁴
RNAV (GPS) Rwy 28L⁵
RNAV (GPS) Y Rwy 10R²
RNAV (GPS) Z Rwy 28R⁶
RNAV (RNP) Z Rwy 10R⁷

- ¹Categories A, B, 1800-2; Categories C, D, 1800-3.
- ²ILS, Categories A, B, C, D, 800-2; LOC, Category B, 1000-2; Category C, 1600-3.
- ³LOC, Category B, 1000-2; Category C, 1600-3.
- ⁴Categories A, B, 1200-2, Categories C, D, 1200-3.
- ⁵Categories A, B, 1100-2; Category C, 1600-3; Category D, 1100-2½.
- ⁶Category B, 1000-2; Category C, 1600-3.
- ⁷Categories A, B, C, D, 1100-4.

SAN JOSE, CA

NORMAN Y MINETA SAN JOSE
INTL (SJC).....**ILS or LOC Rwy 12R**
ILS or LOC Rwy 30L
NA when control tower closed.

SAN MARTIN, CA

SAN MARTIN (E16).....**RNAV (GPS) Rwy 32**
Categories A, B, 1000-2.

SANTA ROSA, CA

CHARLES M SCHULZ-SONOMA
COUNTY (STS).....**ILS or LOC/DME Rwy 32¹²³**
RNAV (GPS) Rwy 14²⁴
RNAV (GPS) Rwy 2²⁴
RNAV (GPS) Rwy 32⁴
VOR/DME Rwy 14²⁴

- ¹NA when control tower closed.
- ²NA when local weather not available.
- ³ILS, LOC, Category C, 1000-3; Category D, 1300-3.
- ⁴Category C, 1000-3; Category D, 1300-3.

STOCKTON, CA

STOCKTON METROPOLITAN
(SCK).....**ILS or LOC Rwy 29R**
NA when control tower closed.
¹ILS, Categories C, D, 700-2.

NAME ALTERNATE MINIMUMS

SUSANVILLE, CA

SUSAVILLE
MUNI (SVE).....**RNAV (GPS) Rwy 29**
Categories A, B, 1700-2; Categories, C, C, 1700-3.

UKIAH, CA

UKIAH
MUNI (UKI).....**RNAV (GPS)-B¹**
VOR-A²

- ¹Categories A, B, 2000-2; Categories C, D, 2000-3.
- ²Categories A, B, 2800-2; Categories C, D, 2800-3.

VACAVILLE, CA

NUT TREE (VCB).....**RNAV (GPS) Rwy 20¹**
VOR-A²

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

VISALIA, CA

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

WATSONVILLE, CA

WATSONVILLE
MUNI (WVI).....**RNAV (GPS) Rwy 2**
VOR-A¹

- NA when local weather not available.
- ¹Categories A, B, 1200-2; Categories C, D, 1200-3.

26 APR 2018 to 24 MAY 2018

26 APR 2018 to 24 MAY 2018