

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
BATTLE MOUNTAIN, NV		ELKO, NV	
BATTLE		ELKO RGNL (EKO).....	LDA/DME Rwy 24¹
MOUNTAIN (BAM).....	RNAV (GPS) Rwy 22		RNAV (GPS) Rwy 6²
Category D, 1000-3.			RNAV (GPS) Rwy 24²
			VOR/DME-B³
BRYCE CANYON, UT			¹ Category B, 1000-2; Category C 1500-3;
BRYCE			Category D, 1900-3.
CANYON (BCE).....	RNAV (GPS) Rwy 3		² Categories A, B, 1200-2; Category C 1500-3;
Category A, B, 900-2; Category C, 900-2½.			Category D, 1900-3.
			³ Categories A, B, 1300-2; Categories C, D, 1300-3.
BULLHEAD CITY, AZ		ELY, NV	
LAUGHLIN/BULLHEAD		ELY AIRPORT/	
INTL (IFP).....	RNAV (GPS) Rwy 16¹	YELLAND FIELD (ELY).....	RNAV (GPS) Rwy 18
	RNAV (GPS) Rwy 34²	NA when local weather not available.	
	VOR Rwy 34³	Category D 1000-3.	
		EUREKA, NV	
		EUREKA (05U).....	RNAV (GPS) Rwy 18
		Categories A, B, 1900-2; Categories C, D,	
		1900-3.	
		FLAGSTAFF, AZ	
		FLAGSTAFF	
		PULLIAM (FLG).....	ILS or LOC Rwy 21¹
			RNAV (GPS) Rwy 3²
			RNAV (GPS) Rwy 21²
			VOR Rwy 21²
			¹ ILS, LOC, Category C, 1100-3; Category, D, 1600
			-3.
			² Category C, 1100-3; Category, D, 1600-3.
			³ Categories A, B, 1300-2; Categories C, D, 1300-3.
CARSON CITY, NV		FORT HUACHUCA/SIERRA VISTA, AZ	
CARSON (CXP).....	RNAV (GPS)-B	SIERRA VISTA MUNI-	
Categories A, B, 1700-2; Category C, 1700-3;		LIBBY AAF (FHU).....	ILS or LOC Rwy 26
Category D, 3000-3.			RNAV (GPS) Rwy 8
			VOR Rwy 26
			NA when control tower closed.
CASA GRANDE, AZ			
CASA GRANDE			
MUNI (CGZ).....	RNAV (GPS) Rwy 5		
	RNAV (GPS) Rwy 23		
Category D, 800-2½.			
COLORADO CITY, AZ			
COLORADO CITY			
MUNI (AZC).....	RNAV (GPS) Rwy 11		
	RNAV (GPS) Rwy 29		
Categories C, D, 2100-3.			

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NAME ALTERNATE MINIMUMS

GLENDALE, AZ

GLENDALE
MUNI (GEU).....RNAV (GPS) Rwy 1
RNAV (GPS) Rwy 19
NA when local weather not available.

GRAND CANYON, AZ

GRAND CANYON NATIONAL
PARK (GCN).....ILS or LOC Rwy 3¹²
RNAV (GPS) Rwy 3³
VOR Rwy 3⁴

¹NA when control tower closed.²ILS Category C, 700-2; Category D, 1100-3; LOC, Category D, 1100-3.³Category C, 800-3; Category D, 1100-3.⁴Category D, 1100-3.

VALLE (40G).....VOR/DME Rwy 19
NA except for operators with approved weather reporting service.

HAWTHORNE, NV

HAWTHORNE
INDUSTRIAL (HTH).....RNAV (GPS) Rwy 28
Category C, 1500-3.

HEBER, UT

HEBER CITY MUNI – RUSS MCDONALD
FIELD (HCR).....RNAV (GPS)-A
Categories, A, B, 2400-2; Category C, 2400-3.

KANAB, UT

KANAB MUNI (KNB).....RNAV (GPS) Rwy 1
Category B, 1100-2; Category C, 1400-3.

KINGMAN, AZ

KINGMAN (IGM).....RNAV (GPS) Rwy 3
RNAV (GPS) Y Rwy 21
VOR/DME Rwy 21
Category D, 800-2½.

LAS VEGAS, NV

HENDERSON
EXECUTIVE (HND).....RNAV (GPS)-B¹
VOR-C²

NA when local weather not available.

¹Categories A, B, 1500-2; Category C, 1500-3.²Categories A, B, 2400-2; Category C, 2400-3.

NAME ALTERNATE MINIMUMS

LAS VEGAS, NV (CON'T)

MC CARRAN
INTL (LAS).....ILS or LOC Rwy 1L¹
ILS or LOC Rwy 26L²
ILS or LOC Rwy 26R²
RNAV (GPS) Rwy 1R³
RNAV (GPS) Rwy 19L³
RNAV (GPS) Rwy 19R³
VOR Rwy 26L/R³
VOR/DME –A⁴

¹ILS, LOC, Categories A, B, 900-2; Category C, 1000-2¾.²ILS, LOC, Categories A, B, 900-2; Category C, 1000-2¾, Categories D, E, 1400-3.³Categories A, B, 900-2; Category C, 1000-2¾, Categories D, 1400-3.⁴Categories A, B, 900-2; Categories C, D, 1100-3.**NORTH LAS**

VEGAS (VGT).....ILS or LOC Rwy 12L
NA when control tower closed.

LOGAN, UT

LOGAN-CACHE (LGU).....RNAV (GPS) Rwy 17
Categories A, B, 1400-2; Categories C, D, 1400-3.

LOVELOCK, NV

DERBY
FIELD (LOL).....RNAV (GPS) Rwy
2¹
RNAV (GPS) Rwy 20¹
VOR-A²

¹Category D, 800-2½.²Categories A, B, 900-2; Category C, 900-2¾; Category D, 1000-3.**MESA, AZ**

FALCON FIELD (FFZ).....RNAV (GPS) Rwy 4L¹
RNAV (GPS) Rwy 4R¹
RNAV (GPS)-B²

¹NA when local weather not available.²NA when control tower closed.**MILFORD, UT**

MILFORD MUNI/BEN AND JUDY
BRISCOE FIELD (MLF).....RNAV (GPS) Rwy 16
RNAV (GPS) Rwy 34
VOR/DME-A

NA when local weather not available.

MINDEN, NV

MINDEN-TAHOE (MEV).....RNAV (GPS)-A¹
RNAV (GPS)-B²

¹Categories A, B, 1900-2; Categories C, D, 1900-3.²Categories A, B, 1800-2; Categories C, D, 1800-3.

NAME ALTERNATE MINIMUMS

OGDEN, UT

OGDEN-
HINCKLEY (OGD).....**ILS or LOC Rwy 3¹²**
RNAV (GPS) Y Rwy 3
VOR-A

NA when local weather not available.

¹ILS, Categories C, D, 700-2.

²NA when control tower closed.

PANGUITCH, UT

PANGUITCH
MUNI (U55).....**RNAV (GPS) Rwy 18**
RNAV (GPS) Rwy 36¹

NA when local weather not available.

¹Categories A, B, 1200-2.

PHOENIX, AZ

PHOENIX DEER
VALLEY (DVT).....**RNAV (GPS)-B¹²**
RNAV (GPS)-C³
RNAV (GPS) Rwy 7R¹⁴
RNAV (GPS) Rwy 25L¹⁴

¹NA when local weather not available.

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

³Categories A, B, 1000-2; Category C, 1000-2½; Category D, 1100-3.

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

PHOENIX-MESA
GATEWAY (IWA).....**ILS or LOC Rwy 30C¹⁴**
RNAV (GPS) Rwy12C²
RNAV (GPS) Rwy12R³
RNAV (GPS) Y Rwy 30C²
RNAV (GPS) Rwy 30L²
VOR or TACAN Rwy 30C²

NA when local weather not available.

¹NA when control tower closed.

²Category E, 800-2½.

³Category E, 1100-3.

⁴ILS, Category E, 700-2½; LOC Category E, 800-2½.

NAME ALTERNATE

PHOENIX, AZ (CON'T)

PHOENIX SKY HARBOR
INTL (PHX).....**ILS or LOC/DME Rwy 7L¹**
ILS or LOC Rwy 8⁴
ILS or LOC Rwy 25L³
ILS or LOC Rwy 26⁶
RNAV (GPS) Y Rwy 7R²
RNAV (GPS) Y Rwy 7L²
RNAV (GPS) Y Rwy 8⁵
RNAV (GPS) Y Rwy 25L²
RNAV (GPS) Y Rwy 25R²
RNAV (GPS) Y Rwy 26²

¹ILS, Categories A, B, C, 700-2; Category D, 800-2½. LOC, Category D, 800-2½.

²Category D, 800-2½.

³ILS, Categories A, B, C, 700-2; Category D, 800-2.

⁴ILS, Categories A, B, 800-2; Category C, 800-2½; Category D, 800-2½. LOC, Category C, 800-2½; Category D, 800-2½.

⁵Category C, 800-2½; Category D, 800-2½.

⁶ILS, Categories A, B, 700-2; Category C, 800-2 ¼; Category D, 1100-3; LOC, Category C, 800-2 ¼; Category D, 1100-3.

PRESCOTT, AZ

ERNEST A LOVE
FIELD (PRC).....**ILS or LOC/DME Rwy 21L¹²**
RNAV (GPS) Y Rwy 3R⁴
RNAV (GPS) Rwy 12⁴
RNAV (GPS) Rwy 21L⁴
VOR Rwy 12³

¹NA when control tower closed.

²ILS, Category B, 700-2; Category C, 1100-3; Category D, 1700-3. LOC, Category C, 1100-3; Category D, 1700-3.

³Category D, 900-3.

⁴Category C, 1100-3; Category D, 1700-3.

PRICE, UT

CARBON COUNTY RGNL/BUCK DAVIS
FIELD (PUC).....**RNAV (GPS) Rwy 1**
VOR Rwy 1
Category B, 1000-2; Category C, 1200-3;

PROVO, UT

PROVO
MUNI (PVU).....**ILS or LOC Rwy 13**
NA when control tower closed.
ILS, Categories A, B, C, 800-2; Category D, 800-2½; LOC, Category D, 800-2½.

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RENO, NV

RENO/TAHOE

INTL (RNO).....**ILS or LOC/DME Rwy 34L²**
ILS X or LOC X Rwy 16R¹
ILS Y Rwy 16R¹⁰
ILS Z or LOC Z Rwy 16R¹
LOC Y Rwy 16R³
RNAV (GPS) X Rwy 34L⁴
RNAV (GPS) X Rwy 34R⁴
RNAV (GPS) X Rwy 16L⁵
RNAV (GPS) X Rwy 16R⁶
RNAV (RNP) Y Rwy 16L⁹
RNAV (RNP) Y Rwy 16R⁹
RNAV (RNP) Z Rwy 16L⁷
RNAV (RNP) Z Rwy 16R⁷
TACAN-F¹¹
VOR-D⁸

¹Categories A, B, 1100-2; Categories C, D, 2100-3.

²ILS, LOC, Categories A, B, 1000-2; Category C, 1000-2¼.

³Categories A, B, 1600-2; Categories C, D, 2100-3; Category E, 2300-3.

⁴Categories A, B, 1000-2; Category C, 1000-2¼; Category D, 1000-3.

⁵Categories A, B, 1400-2; Categories C, D, 1400-3.

⁶Categories A, B, 1800-2; Categories C, D, 1800-3.

⁷Categories A, B, C, 800-2½.

⁸Categories A, B, 1600-2; Categories C, D, 1600-3.

⁹Categories A, B, C, D, 800-2½.

¹⁰Categories A, B, C, D, E, 1500-6.

¹¹Categories A, B, 1600-2; Categories C, D, 2000-3; Category E, 2100-3.

RICHFIELD, UT

RICHFIELD MUNI (RIF).....**RNAV (GPS) Rwy 19**

Categories A, B, 2200-2; Category C, 2200-3.

SAFFORD, AZ

SAFFORD RGNL (SAD).....**RNAV (GPS) Rwy 12**

RNAV (GPS) Rwy 30

NA when local weather not available.

ST. GEORGE, UT

ST. GEORGE

RGNL (SGU).....**RNAV (GPS) Rwy 1²**

RNAV (GPS) Rwy 19¹

VOR/DME-A³

¹Categories A, B, 1100-2, Categories C, D, 1100-3.

²Categories A, B, 900-2; Categories C, 900-2¼.

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

NAME ALTERNATE MINIMUMS

ST. JOHNS, AZ

ST. JOHNS INDUSTRIAL

AIRPARK (SJJN).....**RNAV (GPS) Rwy 14**
RNAV (GPS) Rwy 32
VOR/DME-A

NA when local weather not available.

SCOTTSDALE, AZ

SCOTTSDALE (SDL).....**RNAV (GPS)-D**
RNAV (GPS)-E
VOR/DME-A¹
VOR-C²

NA when local weather not available.

¹Categories A, B, 900-2, Category C, 900-2½, Category D, 900-2¼.

²Categories A, B, 1000-2; Category C, 1000-2¼, Category D, 1000-3.

SHOW LOW, AZ

SHOW LOW

RGNL (SOW).....**RNAV (GPS) Rwy 25**

NA when local weather not available.

Category C, 800-2¼, Category D, 1000-3.

TONOPAH, NV

TONOPAH (TPH).....

VOR or GPS-A

Category D, 800-2¼.

TOOELE, UT

BOLINDER FIELD-TOOELE

VALLEY (TVY).....**ILS or LOC Rwy 17¹**

RNAV (GPS) Rwy 17²

¹ILS, Category C, 800-2; Category D, 1100-3;

LOC, Category D, 1100-3.

²Category D, 1100-3.

TUCSON, AZ

TUCSON

INTL (TUS).....**ILS or LOC Rwy 11L¹**

LOC BC Rwy 29R⁴

RNAV (GPS) Z Rwy 11L²

RNAV (GPS) Rwy 29R²

RNAV (GPS) Rwy 29L³

RNAV (GPS) Z Rwy 29R²

VOR or TACAN Rwy 11L⁴

VOR/DME or TACAN Rwy 29R⁴

¹ILS, LOC, Categories A, B, 900-2; Category C, 900-2½; Category D, 900-2¼; Category E, 1200-3.

²Category E, 1100-3.

³Category D, 800-2¼.

⁴Category E, 1200-3.

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VERNAL, UT

VERNAL
RGNL (VEL).....RNAV (GPS) Y Rwy 35¹
RNAV (GPS) Z Rwy 35²
VOR Rwy 35³

¹Categories A, B, 1100-2; Category C, 1100-3;
Category D, 1200-3.

²Categories A, B, C, D, 900-3.

³Category C, 800-3; Category D, 1200-3.

WENDOVER, UT

WENDOVER (ENV).....RNAV (GPS)-A³⁴
RNAV (GPS)-C⁴⁵
VOR/DME-B¹
VOR/DME or TACAN Rwy 26²

¹Categories A, B, 1300-2; Category C, 1300-3;
Category D, E 1500-3.

²Category D, 900-2¾; Category E, 1500-3.

³Categories A, B, 1900-2; Categories C, D, E, 1900-3.

⁴NA when local weather not available.

⁵Categories A, B, 1800-2; Categories C, D, E, 1800-3.

WINDOW ROCK, AZ

WINDOW ROCK (RQE).....RNAV (GPS) Rwy 2¹
RNAV (GPS)-B²
VOR/DME-A³

¹Category C, 800-2½.

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

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

WINNEMUCCA, NV

WINNEMUCCA
MUNI (WMC).....RNAV (GPS) Rwy 14¹²
RNAV (GPS) Rwy 32¹

¹NA when local weather not available.

²Category C, 800-2¼; Category D, 800-2½.

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