

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 MOUNTAIN (BAM).....	RNAV (GPS) Rwy 22	ELKO RGNL (EKO).....	LDA/DME Rwy 24 ¹
Category D, 1000-3.			RNAV (GPS) Rwy 6 ²
			RNAV (GPS) Rwy 24 ²
			VOR/DME-B ³
BEAVER, UT			¹ Category B, 1000-2; Category C 1500-3;
BEAVER MUNI (U52).....	RNAV (GPS)-A		Category D, 1900-3.
Categories A, B, 1300-2; Category C, 1300-3.			² Categories A, B, 1200-2; Category C 1500-3;
			Category D, 1900-3.
			³ Categories A, B, 1300-2; Categories C, D, 1300-3.
BULLHEAD CITY, AZ		ELY, NV	
LAUGHLIN/BULLHEAD INTL (IFP).....	RNAV (GPS) Rwy 16 ¹	ELY AIRPORT/	
	RNAV (GPS) Rwy 34 ²	YELLAND FIELD (ELY).....	RNAV (GPS) Rwy 18
	VOR Rwy 34 ³	NA when local weather not available.	
		Category D 1000-3.	
¹ Categories A, B, 1300-2; Category C, 1300-3;			
Category D, 1700-3.		EUREKA, NV	
² Categories A, B, 1100-2; Category C, 1100-3;		EUREKA (05U).....	RNAV (GPS) Rwy 18
Category D, 1700-3.		Categories A, B, 1900-2; Categories C, D,	
³ Categories A, B, 2200-2; Categories C, D, 2200-3.		1900-3.	
CARSON CITY, NV		FLAGSTAFF, AZ	
CARSON (CXP).....	RNAV (GPS)-B	FLAGSTAFF	
Categories A, B, 1700-2; Category C, 1700-3;		PULLIAM (FLG).....	ILS or LOC Rwy 21 ¹
Category D, 3000-3.			RNAV (GPS) Rwy 3 ²
			RNAV (GPS) Rwy 21 ²
			VOR Rwy 21 ²
CASA GRANDE, AZ			¹ ILS, LOC, Category C, 1100-3; Category, D,
CASA GRANDE MUNI (CGZ).....	RNAV (GPS) Rwy 5		1600-3.
	RNAV (GPS) Rwy 23		² Category C, 1100-3; Category, D, 1600-3.
Category D, 800-2½.		FORT HUACHUCA/SIERRA VISTA, AZ	
COLORADO CITY, AZ		SIERRA VISTA MUNI-	
COLORADO CITY MUNI (AZC).....	RNAV (GPS) Rwy 11	LIBBY AAF (FHU).....	ILS or LOC Rwy 26
	RNAV (GPS) Rwy 29		RNAV (GPS) Rwy 8
			RNAV (GPS) Rwy 26
Categories C, D, 2100-3.			VOR Rwy 26
			NA when control tower closed.

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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
VALLEY (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,
1000-2½.
²ILS, LOC, Categories A, B, 900-2; Category C,
1000-2½, Categories D, E, 1400-3.
³Categories A, B, 900-2; Category C, 1000-2½,
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, 900-2½;
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.

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OGDEN, UT

OGDEN-
HINCKLEY (OGD).....**ILS or LOC Rwy 3¹**
VOR-A

NA when local weather not available.
¹NA 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)-B¹**
RNAV (GPS) Rwy 7R²
RNAV (GPS) Rwy 25L²

NA when local weather not available.
¹Categories A, B, 1000-2; Category C, 1000-2½.
²Categories 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, 800-2¼.
³Category E, 1100-3.
⁴ILS, Category E, 700-2¼; LOC Category E,
800-2¼.

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, 800-2¼;
Category D, 800-2½. LOC, Category C, 800-2¼;
Category D, 800-2½.
⁵Category C, 800-2¼; Category D, 800-2½.
⁶LOC, Category C, 1000-2¼; Category D, 1500-3.

PRESCOTT, AZ

PRESCOTT RGNL - ERNEST A LOVE
FLD (PRC).....**ILS or LOC/DME Rwy 21L¹²**
RNAV (GPS) Y Rwy 3R³
RNAV (GPS) Rwy 12³
RNAV (GPS) Rwy 21L³
VOR Rwy 12⁴

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

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, 1000-2 $\frac{1}{4}$.
- ³Categories A, B, 1600-2; Categories C, D, 2100-3; Category E, 2300-3.
- ⁴Categories A, B, 1000-2; Category C, 1000-2 $\frac{1}{4}$; 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, 800-2 $\frac{1}{2}$.
- ⁸Categories A, B, 1600-2; Categories C, D, 1600-3.
- ⁹Categories A, B, C, D, 800-2 $\frac{1}{2}$.
- 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, 900-2 $\frac{1}{4}$.
- ³Categories A, B, 900-2; Category C, 900-2 $\frac{1}{2}$; Category D, 1000-3.

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ST. JOHNS, AZ

ST. JOHNS INDUSTRIAL
 AIR PARK (SJJN).....**RNAV (GPS) Rwy 14**
 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, 900-2 $\frac{1}{2}$, Category D, 900-2 $\frac{1}{4}$.
- ²Categories A, B, 1000-2; Category C, 1000-2 $\frac{1}{4}$, Category D, 1000-3.

SHOW LOW, AZ

SHOW LOW
 RGNL (SOW).....**RNAV (GPS) Rwy 25**
 NA when local weather not available.
 Category C, 800-2 $\frac{1}{4}$, Category D, 1000-3.

TONOPAH, NV

TONOPAH (TPH).....**VOR or GPS-A**
 Category D, 800-2 $\frac{1}{4}$.

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

RYAN
 FIELD (RYN).....**RNAV (GPS) Rwy 6R**
 Category D, 1000-3.

TUCSON

INTL (TUS).....**ILS or LOC Rwy 11L¹**
LOC BC Rwy 29R²
RNAV (GPS) Rwy 29L³
RNAV (GPS) Z Rwy 11L⁴
RNAV (GPS) Z Rwy 29R²
VOR/DME or TACAN Rwy 29R²
VOR or TACAN Rwy 11L²

- ¹ILS, LOC, Categories A, B, 900-2; Category C, 900-2 $\frac{1}{2}$; Category D, 900-2 $\frac{1}{4}$; Category E, 1200-3.
- ²Category E, 1200-3.
- ³Category D, 800-2 $\frac{1}{4}$.
- ⁴Category D, 800-2 $\frac{1}{4}$; Category 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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