



INSTRUMENT APPROACH PROCEDURE CHARTS



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
BRYCE CANYON, UT
BRYCE
CANYON (BCE) RNAV (GPS) Rwy 3
Category A, B, 900-2; Category C, 900-2½.

BULLHEAD CITY, AZ
LAUGHLIN/BULLHEAD
INTL (IFP) RNAV (GPS) Rwy 16¹²
RNAV (GPS) Rwy 34³
VOR Rwy 34⁴

- ¹NA when local weather not available.
²Categories A, B, 1200-2; Categories C, D, 1200-3.
³Categories A, B, 1100-2; Category C, 1100-3;
Category D, 1700-3.
⁴Categories A, B, 2200-2; Categories C, D, 2200-3.

COLORADO CITY, AZ
COLORADO CITY
MUNI (AZC) RNAV (GPS) Rwy 11
RNAV (GPS) Rwy 29
Categories C, D, 2100-3.

ELKO, NV
ELKO RGNL (EKO) LDA/DME Rwy 24¹
VOR/DME-B²
¹Category B, 1000-1½; Category C 1500-3;
Category D, 1900-3.
²Categories A, B, 1300-2; Categories C, D, 1300-3.

ELY, NV
ELY AIRPORT/
YELLAND FIELD (ELY) RNAV (GPS) Rwy 18
NA when local weather not available.
Category D 1000-3.

EUREKA, NV
EUREKA (05U) RNAV (GPS) Rwy 18
Categories A, B, 1900-2; Categories C, D,
1900-3.

NAME ALTERNATE MINIMUMS
FLAGSTAFF, AZ
FLAGSTAFF
PULLIAM (FLG) ILS or LOC/DME Rwy 21¹²
VOR-A³

- ¹NA when control tower closed.
²ILS, Categories B, C, D, 700-2.
³Categories A, B, 1300-2; Categories C, D,
1300-3.

FORT HUACHUCA-SIERRA VISTA, AZ
SIERRA VISTA MUNI-
LIBBY AAF (FHU) ILS or LOC Rwy 26
NDB Rwy 26
RNAV (GPS) Rwy 8
VOR Rwy 26

NA when control tower closed.

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.

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NAME ALTERNATE MINIMUMS
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, 800-2¼.

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.

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.

NAME ALTERNATE MINIMUMS
LOVELOCK, NV
 DERBY
 FIELD (LOL) **RNAV (GPS) Rwy 2¹**
RNAV (GPS) Rwy 20¹
VOR-A²

¹Category D, 800-2¼.
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.

OGDEN, UT
 OGDEN-
 HINCKLEY (OGD) **ILS or LOC Rwy 3¹²**
RNAV (GPS) Y Rwy 3¹²
 NA when local weather not available.
¹ILS, Category 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.

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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
 VOR-D⁸

- ¹Categories A, B, 1100-2; Categories C, D, 2100-3.
- ²ILS, LOC, Categories A, B, 1000-2; Category C, 1000-2¾.
- ³Categories A, B, 1600-2; Categories C, D, 2100-3; Category E, 2300-3.
- ⁴Categories A, B, 1000-2; Category C, 1000-2¾; 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.

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 12¹**
 RNAV (GPS) Rwy 19¹
 VOR/DME-A³

- ¹Categories A, B, 1100-2, Categories C, D, 1100-3.
- ²Categories A, B, 900-2; Categories C, 900-2¾.
- ³Categories A, B, 900-2; Category C, 900-2½; Category D, 1000-3.

NAME **ALTERNATE MINIMUMS**

ST. JOHNS, AZ
 ST. JOHNS INDUSTRIAL
 AIRPARK (SJM)..... **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, 900-2¾.
- ²Categories A, B, 1000-2; Category C, 1000-2¾, Category D, 1000-3.

SHOW LOW, AZ
 SHOW LOW
 RGNL (SOW)..... **RNAV (GPS) Rwy 24**
 NA when local weather not available.

TONOPAH, NV
 TONOPAH (TPH)..... **VOR or GPS-A**
 Category D, 800-2¾.

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/DME BC Rwy 29R²
 RNAV (GPS) Z Rwy 11L²
 RNAV (GPS) Rwy 29R²
 RNAV (GPS) Rwy 29L³
 RNAV (GPS) Z Rwy 29R²
 VOR or TACAN Rwy 11L²
 VOR/DME or TACAN Rwy 29R⁴

- ¹ILS, LOC, Categories A, B, 900-2; Category C, 900-2¾; Category D, 900-3; Category E, 1100-3.
- ²Category E, 1100-3.
- ³Category D, 800-2¾.
- ⁴Category E, 1200-3.

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NAME	ALTERNATE MINIMUMS	NAME	ALTERNATE MINIMUMS
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, 800-2¾; Category D, 800-2½.

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