

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
BRYCE CANYON, UT		FLAGSTAFF, AZ	
BRYCE CANYON (BCE).....	RNAV (GPS) Rwy 3	FLAGSTAFF	
Category A, B, 900-2; Category C, 900-2½.		PULLIAM (FLG).....	ILS or LOC Rwy 21¹ RNAV (GPS) Rwy 3² RNAV (GPS) Rwy 21² VOR Rwy 21²
BULLHEAD CITY, AZ			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.
LAUGHLIN/BULLHEAD		FORT HUACHUCA-SIERRA VISTA, AZ	
INTL (IFP).....	RNAV (GPS) Rwy 16¹² RNAV (GPS) Rwy 34³ VOR Rwy 34⁴	SIERRA VISTA MUNI-	
		LIBBY AAF (FHU).....	ILS or LOC Rwy 26 NDB Rwy 26 RNAV (GPS) Rwy 8 VOR Rwy 26
¹ NA when local weather not available.			NA when control tower closed.
² Categories A, B, 1200-2; Categories C, D, 1200-3.		GLENDALE, AZ	
³ Categories A, B, 1100-2; Category C, 1100-3; Category D, 1700-3.		GLENDALE	
⁴ Categories A, B, 2200-2; Categories C, D, 2200-3.		MUNI (GEU).....	RNAV (GPS) Rwy 1 RNAV (GPS) Rwy 19
COLORADO CITY, AZ			NA when local weather not available.
COLORADO CITY		GRAND CANYON, AZ	
MUNI (AZC).....	RNAV (GPS) Rwy 11 RNAV (GPS) Rwy 29	GRAND CANYON NATIONAL	
Categories C, D, 2100-3.		PARK (GCN).....	ILS or LOC Rwy 3¹² RNAV (GPS) Rwy 3³ VOR Rwy 3⁴
ELKO, NV			¹ NA when control tower closed. ² ILS Category C, 700-2; Category D, 1100-3; LOC, Category D, 1100-3. ³ Category C, 800-3; Category D, 1100-3. ⁴ Category D, 1100-3.
ELKO RGNL (EKO).....	LDA/DME Rwy 24¹ VOR/DME-B²	VALLE (40G).....	VOR/DME Rwy 19
¹ Category B, 1000-1½; Category C 1500-3; Category D, 1900-3.			NA except for operators with approved weather reporting service.
² Categories 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.			

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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,
1000-2¼.
²ILS, LOC, Categories A, B, 900-2; Category C,
1000-2¼, Categories D, E, 1400-3.
³Categories A, B, 900-2; Category C, 1000-2¼,
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.

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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, 900-2¼;
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 3^{1,2}
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.

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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.

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.

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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 34L**²
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 12**¹
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 (SJN).....**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 17**¹
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 11L**¹
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, 900-2¾; Category E, 1200-3.

²Category E, 1100-3.

³Category D, 800-2¾.

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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