

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.

BATTLE MOUNTAIN, NV

BATTLE
MOUNTAIN (BAM).....RNAV (GPS) Rwy 22¹
VOR Rwy 4²

¹Category D, 1000-3.
²NA when local weather not available.

BEAVER, UT

BEAVER
MUNI (U52).....RNAV (GPS)-A
Categories A, B, 1300-2; Category C, 1300-3.

BLANDING, UT

BLANDING MUNI (BDG).....RNAV (GPS) Rwy 35
NA when local weather not available.

BOULDER CITY, NV

BOULDER CITY
MUNI (BVU).....RNAV (GPS) Rwy 27
Category B, 1200-2; Category C, 1800-3.

BULLHEAD CITY, AZ

LAUGHLIN/BULLHEAD
INTL (IFP).....RNAV (GPS) Rwy 16¹
RNAV (GPS) Rwy 34²
VOR Rwy 34³

¹Categories A, B, 1300-2; Category C, 1300-3;
Category D, 1700-3.
²Categories A, B, 1100-2; Category C, 1100-3;
Category D, 1700-3.
³Categories A, B, 2200-2; Categories C, D, 2200-3.

CARSON CITY, NV

CARSON (CXP).....RNAV (GPS)-B
Categories A, B, 1700-2; Category C, 1700-3;
Category D, 3000-3.

CASA GRANDE, AZ

CASA GRANDE
MUNI (CGZ).....RNAV (GPS) Rwy 5
RNAV (GPS) Rwy 23

Category D, 800-2½.

CEDAR CITY, UT

CEDAR CITY
RGNL (CDC).....RNAV (GPS) Rwy 2¹
RNAV (GPS) Rwy 20
VOR Rwy 20²

NA when local weather not available.
¹Categories A, B, C, D, 900-2½.
²Category D, 800-2¼.

COLORADO CITY, AZ

COLORADO CITY
MUNI (AZC).....RNAV (GPS) Rwy 11
RNAV (GPS) Rwy 29

Categories C, D, 2100-3.

COOLIDGE, AZ

COOLIDGE
MUNI (P08).....VOR Rwy 5
NA when local weather not available.

ELKO, NV

ELKO RGNL (EKO).....LDA/DME Rwy 24¹
RNAV (GPS) Rwy 6²
RNAV (GPS) Rwy 24²
VOR/DME-B³

¹Category B, 1000-2; Category C 1500-3;
Category D, 1900-3.
²Categories A, B, 1200-2; Category C 1500-3;
Category D, 1900-3.
³Categories 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.

25 FEB 2021 to 25 MAR 2021

25 FEB 2021 to 25 MAR 2021

NAME ALTERNATE MINIMUMS

FLAGSTAFF, AZ

FLAGSTAFF
PULLIAM (FLG).....**ILS or LOC Rwy 21¹**
RNAV (GPS) Rwy 3²
RNAV (GPS) Rwy 21²
VOR Rwy 21²

¹ILS, LOC, Category C, 1100-3; Category, D, 1600-3.
²Category C, 1100-3; Category, D, 1600-3.

FORT HUACHUCA SIERRA VISTA, AZ

SIERRA VISTA MUNI-
LIBBY AAF (FHU).....**ILS or LOC Rwy 26¹**
RNAV (GPS) Rwy 8¹
RNAV (GPS) Rwy 26¹
TACAN Rwy 8²³
TACAN Rwy 26²³
VOR Rwy 26¹

¹NA when control tower closed.
²NA when local weather not available.
³NA when GCA 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.

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.

NAME ALTERNATE MINIMUMS

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) Y Rwy 19L³
RNAV (GPS) Y Rwy 19R³
VOR Rwy 26L/R³
VOR/DME-A⁴

¹LOC, Categories A, B, 900-2;
Category C, 1000-2¾; Category D, 1400-3.
²LOC, 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 12L¹**
RNAV (GPS) Rwy 12R²³

¹NA when control tower closed.
²NA when local weather not available.
³Category D, 1400-3.

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.

MARANA, AZ

MARANA RGNL (AVQ).....**RNAV (GPS)-E**
NA when local weather not available.
Category C, 800-2¾.

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.

25 FEB 2021 to 25 MAR 2021

25 FEB 2021 to 25 MAR 2021

NAME ALTERNATE MINIMUMS

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.**OGDEN, UT**

OGDEN-
HINCKLEY (OGD).....**ILS or LOC Rwy 3¹**
RNAV (GPS) Rwy 3²³
VOR-A²

¹NA when control tower closed.²NA when local weather not available.³Category D, 800-2¼.**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, 1000-2¾.²Categories A, B, 1000-2; Category C, 1000-2¾;

Category D, 1000-3.

PHOENIX-MESA

GATEWAY (IWA).....**ILS or LOC Rwy 30C¹⁴**
RNAV (GPS) Rwy 12C²
RNAV (GPS) Rwy 12R³
RNAV (GPS) Rwy 30R
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 7R¹
ILS or LOC Rwy 8¹
ILS or LOC Rwy 25L¹
ILS or LOC Rwy 26¹
RNAV (GPS) Y Rwy 7L²
RNAV (GPS) Y Rwy 7R²
RNAV (GPS) Y Rwy 8²
RNAV (GPS) Y Rwy 25L²
RNAV (GPS) Y Rwy 25R²
RNAV (GPS) Y Rwy 26²

¹LOC, Category C, 1000-2¾; Category D, 1500-3.²Category C, 1000-2¾; 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**
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,
800-2¾; LOC, Category D, 800-2¾.

NAME ALTERNATE MINIMUMS

RENO, NV

RENO/TAHOE

INTL (RNO).....**ILS or LOC/DME Rwy 34L¹**

ILS X or LOC X Rwy 16R²

ILS Y Rwy 16R³

ILS Z or LOC Z Rwy 16R²

LOC Y Rwy 16R⁴

RNAV (GPS) X Rwy 34L⁵

RNAV (GPS) X Rwy 34R⁶

RNAV (GPS) X Rwy 16L⁷

RNAV (GPS) X Rwy 16R³

RNAV (RNP) Y Rwy 16L⁹

RNAV (RNP) Y Rwy 16R⁹

RNAV (RNP) Z Rwy 16L^a

RNAV (RNP) Z Rwy 16R^a

TACAN-F^b

VOR-D^c

¹ILS, LOC, Categories A, B, 1000-2; Category C, 1000-2½.

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

³Categories A, B, C, D, E, 1500-6.

⁴Categories A, B, 1600-2;

Categories C, D, 2100-3; Category E, 2300-3.

⁵Categories A, B, 1000-2; Category C, 1000-2½; Category D, 1000-3.

⁶Categories A, B, 1200-4;

Categories C, D, 2100-4.

⁷Categories A, B, 1000-2; Categories C, D, 2100-3.

⁸Categories A, B, 1800-2; Categories C, D, 1800-3.

⁹Categories A, B, C, D, 800-2½.

^aCategories A, B, C, 800-2½.

^bCategories A, B, 1600-2;

Categories C, D, 2000-3; Category E, 2100-3.

^cCategories A, B, 1600-2;

Categories C, D, 1600-3.

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 1¹**

RNAV (GPS) Rwy 19²

¹Categories A, B, 900-2; Categories C, 900-2½.

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

ST JOHNS, AZ

ST JOHNS INDUSTRIAL

AIR PARK (SJM).....**RNAV (GPS) Rwy 14**

NA when local weather not available.

SCOTTSDALE, AZ

SCOTTSDALE (SDL).....**RNAV (GPS)-D**

RNAV (GPS)-E

VOR/DME-A¹

NA when local weather not available.

¹Categories A, B, 900-2, Category C, 900-2½,

Category D, 900-2½.

NAME ALTERNATE MINIMUMS

SHOW LOW, AZ

SHOW LOW

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

NA when local weather not available.

Category C, 800-2½, Category D, 1000-3.

TONOPAH, NV

TONOPAH (TPH).....**VOR or GPS-A**

Category D, 800-2½.

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 or TACAN Rwy 29R²

VOR or TACAN Rwy 11L²

¹LOC, Categories A, B, 900-2;

Category C, 900-2½; Category D, 900-2½;

Category E, 1200-3.

²Category E, 1200-3.

³Category D, 800-2½.

⁴Category D, 800-2½; Category E, 1200-3.

VERNAL, UT

VERNAL

RGNL (VEL).....**RNAV (GPS) Y Rwy 35¹²**

RNAV (GPS) Z Rwy 35³

VOR Rwy 35¹⁴

¹NA when local weather not available.

²Categories A, B, 1100-2; Category C, 1100-3;

Category D, 1200-3.

³Categories A, B, C, D, 900-3.

⁴Categories A, B, 900-2; Category C, 900-2½;

Category D, 1200-3.

21056

NAME ALTERNATE MINIMUMS

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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, 900-2½; 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 3¹
RNAV (GPS)-B²
VOR-A²

NA when local weather not available.

¹Categories A, B, 1000-2; Category C, 1100-3.

²Categories A, B, 1000-2; Category C, 1100-3;
Category D, 1400-3.

WINNEMUCCA, NV

WINNEMUCCA
MUNI (WMC).....RNAV (GPS) Rwy 14¹²
RNAV (GPS) Rwy 32¹
VOR Rwy 14³

¹NA when local weather not available.

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

³Category C, 1000-3.

25 FEB 2021 to 25 MAR 2021

25 FEB 2021 to 25 MAR 2021

21056

M5