

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

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, 1800-3.

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 CITY (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.

NAME ALTERNATE MINIMUMS

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/YELLAND
FLD (ELY).....RNAV (GPS) Rwy 18¹²
VOR-C³

¹NA when local weather not available.
²Categories A, B, C, 1100-4; Category D, 2000-4.
³Categories A, B, 1800-2; Category C, 1800-3;
Category D, 2000-3.

EUREKA, NV

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

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FILLMORE, UT

FILLMORE
MUNI (FOM).....RNAV (GPS) Rwy 4
RNAV (GPS) Rwy 22

NA when local weather not available.
Category C 1300-3.

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 NTL
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.

NAME ALTERNATE MINIMUMS

KINGMAN, AZ

KINGMAN (IGM).....RNAV (GPS) Rwy 3¹
RNAV (GPS) Y Rwy 21¹
VOR/DME Rwy 21²

¹Categories C, D, 1000-3.
²Category C, 1000-3; Category D, 1900-3.

LAKE HAVASU CITY, AZ

LAKE HAVASU
CITY (HII).....RNAV (GPS) Rwy 14¹
RNAV (GPS) Rwy 32²
VOR-A³

NA when local weather not available.
¹Categories A, B, 1600-2; Categories C, D, 1600-3.
²Categories A, B, 900-2; Category C 1100-3;
Category D 1400-3.
³Categories A, B, 1100-2; Category C 1100-3;
Category D 1400-3.

LAS VEGAS, NV

HENDERSON
EXEC (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.

HARRY REID

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, 1000-2³; Category D, 1400-3.
²LOC, Categories A, B, 900-2;
Category C, 1000-2³; Categories D, E, 1400-3.
³Categories A, B, 900-2; Category C, 1000-2³,
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.

NAME ALTERNATE MINIMUMS

LOVELOCK, NV

DERBY FLD (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.

MARANA, AZ

MARANA RGNL (AVQ).....RNAV (GPS)-E
NA when local weather not available.
Category C, 800-2¼.

MESA, AZ

FALCON FLD (FFZ).....RNAV (GPS) Rwy 4L
RNAV (GPS) Rwy 4R
RNAV (GPS)-B

NA when local weather not available.

MILFORD, UT

MILFORD MUNI/BEN AND JUDY BRISCOE
FLD (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 3^{2,3}
VOR-A²

- ¹NA when control tower closed.
- ²NA when local weather not available.
- ³Category D, 800-2¼.

OWYHEE, NV

OWYHEE (10U).....RNAV (GPS) Rwy 5
Category D, 1500-3.

PANGUITCH, UT

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

NA when local weather not available.
¹Categories A, B, 1200-2.

NAME ALTERNATE

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

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, 1000-2¼; Category D, 1500-3.
- ²Category 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
FLD (PUC).....RNAV (GPS) Rwy 1
Category B, 1000-2; Category C, 1200-3.

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PROVO, UT

PROVO
MUNI (PVU).....**ILS or LOC Rwy 13¹²**
RNAV (GPS) Rwy 13³

NA when local weather not available.

¹NA when control tower closed.

²LOC, Category D, 800-2½.

³Category D, 800-2½.

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 16R⁸
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

¹Category A, 900-2; Category B, 1000-2; Category
C, 1000-3.

²Categories A, B, 1100-2; Category C, 1100-3;
Category D, 1800-3.

NAME ALTERNATE MINIMUMS

ST JOHNS, AZ

ST JOHNS INDUSTRIAL
AIR PARK (SJJN).....**RNAV (GPS) Rwy 14**
VOR-A

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.

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 C, 900-2½; Category D, 900-3.

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

TUCSON

INTL (TUS).....**ILS or LOC Rwy 11L¹**
LOC BC Rwy 29R²
RNAV (GPS) Rwy 3³
RNAV (GPS) Rwy 11R³
RNAV (GPS) Rwy 21³
RNAV (GPS) Rwy 29L³
RNAV (GPS) Z Rwy 11L⁴
RNAV (GPS) Z Rwy 29R⁴
VOR or TACAN Rwy 11L⁴
VOR or TACAN Rwy 29R⁴

¹S-LOC 11L, Categories A, B, 900-2;
Category C, 900-2½; Category D, 1100-3;
Category E, 1300-3.

²S-29R, Category D, 1100-3; Category E, 1300-3.

³Category D, 1100-3.

⁴Category D, 1100-3; Category E, 1300-3.

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VERNAL, UT

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

NA when local weather not available.

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

²Categories A, B, C, D, 1000-2½.

³Categories A, B, 900-2; Category C, 900-2¾;
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 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.

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