

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, 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.

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 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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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, 800-2¼.

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) 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.

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.

MARANA, AZ

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

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.

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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.

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 30C^{1,4}
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, 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 21L^{1,2}
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.

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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 34R²²
RNAV (GPS) X Rwy 16L⁵
RNAV (GPS) X Rwy 16R⁵
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, 1000-2½.

³Categories A, B, 1600-2;

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

⁴Categories A, B, 1000-2; Category C, 1000-2½; Category D, 1000-3.

⁵Categories A, B, 1000-2; Categories C, D, 2100-3.

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.

¹¹Categories A, B, 1600-2;

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

²²Categories A, B, 1200-4; Categories C, D, 2100-4.

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 (SJN).....**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 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, 900-2½; 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.

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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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