

A IFR ALTERNATE AIRPORT MINIMUMS

Pilots must review the IFR Alternate Minimums Notes to determine alternate airport suitability.

ANA designation on the approach chart means that pilots may not use that approach as an alternate due to unmonitored facility, absence of weather reporting service, or lack of adequate navigation coverage. Approaches with the **A**NA designation are not listed in this section. **A** designation on the approach chart indicates that the approach procedure has non-standard minimums (for aircraft other than helicopters) or restrictions (for all users) for its use as an alternate. A procedure is not authorized for alternate flight planning purposes when local weather is not available.

MILITARY USERS NOTE: For IFR alternate airport and minima planning, refer to appropriate service directives.

Alternate Minima (ref: 14 CFR 91.169)

	Precision Approach	Non-Precision Approach
Standard	600-2	800-2
A Non-Standard or restrictions	As indicated below	As indicated below
Helicopters	For the selected approach: Ceiling: 200' above published ceiling Visibility: the greater of 1 SM visibility or the published visibility	

Note: For alternate airport flight planning purposes, precision approach operations include: ILS, PAR, and GLS, and Non-Precision approach operations include: NDB, VOR, LOC, TACAN, LDA, ASR, RNAV (GPS) and RNAV (RNP).

NAME ALTERNATE MINIMUMS

BATTLE MOUNTAIN, NV

BATTLE MOUNTAIN (BAM).....RNAV (GPS) Rwy 4¹²
RNAV (GPS) Rwy 22³
VOR Rwy 4¹

¹NA when local weather not available.
²Cat A, B 1000-2, Cat C 1000-2½.
³Cat D 1000-3.

BEAVER, UT

BEAVER MUNI (U52).....RNAV (GPS)-A
Cat A, B 1300-2, Cat C 1800-3.

BLANDING, UT

BLANDING MUNI (BDG).....RNAV (GPS) Rwy 35
NA when local weather not available.
Cat C 900-2¼.

BOULDER CITY, NV

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

BUCKEYE, AZ

BUCKEYE MUNI (BXK).....RNAV (GPS) Rwy 17
RNAV (GPS) Rwy 35
NA when local weather not available.

NAME ALTERNATE MINIMUMS

BULLHEAD CITY, AZ

LAUGHLIN/BULLHEAD INTL (IFP).....RNAV (GPS) Rwy 16¹²
RNAV (GPS) Rwy 34³
VOR Rwy 34⁴

¹NA when local weather not available.
²Cat A 800-2½, Cat B 900-2½, Cat C 1100-3, Cat D 1700-3.
³Cat A, B 1100-2, Cat C 1100-3, Cat D 1700-3.
⁴Cat A, B 2200-2, Cat C, D 2200-3.

CARSON CITY, NV

CARSON CITY (CXP).....RNAV (GPS)-B
Cat A, B 1700-2, Cat C 1700-3, Cat D 3000-3.

CASA GRANDE, AZ

CASA GRANDE MUNI (CGZ).....RNAV (GPS) Rwy 5
RNAV (GPS) Rwy 23¹
Cat D 800-2½.
¹NA when local weather not available.

CEDAR CITY, UT

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

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

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NAME ALTERNATE MINIMUMS

COLORADO CITY, AZ

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

Cat C, D 2100-3.

COOLIDGE, AZ

COOLIDGE MUNI (P08).....RNAV (GPS) Rwy 23
VOR Rwy 5

NA when local weather not available.

DOUGLAS BISBEE, AZ

BISBEE DOUGLAS
INTL (DUG).....RNAV (GPS) Rwy 17¹
VOR/DME Rwy 17¹
VOR Rwy 17²

¹Cat D 1100-3.

²Cat C 800-2½, Cat D 1100-3.

ELKO, NV

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

¹Cat B 1000-2, Cat C 1500-3, Cat D 1900-3.

²Cat A, B 1200-2, Cat C 1500-3, Cat D 1900-3.

ELY, NV

ELY/YELLAND FLD (ELY)....RNAV (GPS) Rwy 18¹
VOR-C²

NA when local weather not available.

¹Cat A, B, C 1100-4, Cat D 2000-4.

²Cat A, B 1900-2, Cat C 1900-3, Cat D 2000-3.

EUREKA, NV

EUREKA (05U).....RNAV (GPS) Rwy 18
Cat A, B, C, D 2000-6.

FILLMORE, UT

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

NA when local weather not available.

Cat C 1300-3.

FLAGSTAFF, AZ

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

¹ILS, LOC Cat C 1100-3, Cat D 1600-3.

²Cat C 1100-3, Cat D 1600-3.

NAME ALTERNATE MINIMUMS

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 RGNL (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 Cat C 700-2, Cat D 1100-3; LOC Cat D 1100-3.

³Cat C 800-3, Cat D 1100-3.

⁴Cat D 1100-3.

HAWTHORNE, NV

HAWTHORNE
INDUSTRIAL (HTH).....RNAV (GPS) Rwy 28
Cat C 1500-3.

HEBER, UT

HEBER VALLEY (HCR).....RNAV (GPS)-A
Cat A, B 2400-2, Cat C 2400-3.

KANAB, UT

KANAB MUNI (KNB).....RNAV (GPS) Rwy 1
Cat B 1300-2, Cat C 1600-3.

KINGMAN, AZ

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

¹Cat C, D 1000-3.

²Cat C 1000-3, Cat 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.

¹Cat A, B 1600-2, Cat C, D 1600-3.

²Cat A, B 900-2, Cat C 1100-3, Cat D 1400-3.

³Cat A, B 1100-2, Cat C 1100-3, Cat D 1400-3.

NAME ALTERNATE MINIMUMS

LAS VEGAS, NV

HARRY REID INTL (LAS).....**ILS or LOC Rwy 1L¹**
ILS Y or LOC Y Rwy 26L¹
ILS Y or LOC Y Rwy 26R¹
ILS Z or LOC Z Rwy 26L²
ILS Z or LOC Z Rwy 26R²
RNAV (GPS) Rwy 1R³
RNAV (GPS) Y Rwy 19L³
RNAV (GPS) Y Rwy 19R³
VOR Rwy 26L/R³
VOR/DME-A⁴

¹LOC Cat A, B 900-2, Cat C 1000-2¾, Cat D 1400-3.

²LOC Cat A, B 900-2, Cat C 1000-2¾, Cat D, E 1400-3.

³Cat A, B 900-2, Cat C 1000-2¾, Cat D 1400-3.

⁴Cat A, B 900-2, Cat C, D 1100-3.

HENDERSON EXEC (HND).....**RNAV (GPS)-B¹**
VOR-C²

NA when local weather not available.

¹Cat A, B 1400-2, Cat C 1400-3.

²Cat A, B 2400-2, Cat C 2400-3.

NORTH LAS

VEGAS (VGT).....**ILS or LOC Rwy 12L¹**
RNAV (GPS) Rwy 12R²

NA when local weather not available.

¹NA when control tower closed.

²Cat D 1400-3.

LOGAN, UT

LOGAN-CACHE (LGU).....**RNAV (GPS) Rwy 17**
 NA when local weather not available.
 Cat A, B 1400-2, Cat C, D 1400-3.

LOVELOCK, NV

DERBY FLD (LOL).....**RNAV (GPS) Rwy 2¹**
RNAV (GPS) Rwy 20¹
VOR-A²

¹Cat D 800-2½.

²Cat A, B 900-2, Cat C 900-2¾, Cat D 1000-3.

MANILA, UT

MANILA (40U).....**RNAV (GPS) Rwy 25**
 Cat A 1000-2, Cat B 1100-2.

MANTI, UT

SANPETE COUNTY
 RGNL (41U).....**RNAV (GPS) Rwy 3**
 Cat C 800-2¾, Cat D 2200-3.

MARANA, AZ

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

NAME ALTERNATE MINIMUMS

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-A¹

NA when local weather not available.

¹Cat C 1300-3, Cat D 1500-3.

MINDEN, NV

MINDEN-TAHOE (MEV).....**RNAV (GPS) Rwy 16¹**
RNAV (GPS) Rwy 34²

¹Cat A, B, C 1500-5, Cat D 1800-5.

²Cat A, B 1000-2½, Cat C 1200-3.

MOAB, UT

CANYONLANDS
 RGNL (CNY).....**RNAV (GPS) Rwy 3**
VOR-A

Cat C 1100-3, Cat D 1700-3.

NEPHI, UT

NEPHI MUNI (U14).....**RNAV (GPS) Rwy 17¹**
RNAV (GPS) Rwy 35²

NA when local weather not available.

¹Cat A, B, C, D 800-2½.

²Cat A, B 1000-2, Cat C, D 1000-3.

NOGALES, AZ

NOGALES INTL (OLS).....**RNAV (GPS)-A¹**
VOR-B²

¹Cat A, B 2600-2, Cat C 2600-3, Cat D 2900-3.

²Cat A, B 2700-2, Cat C 2700-3, Cat D 2900-3.

OGDEN, UT

OGDEN-HINCKLEY (OGD).....**ILS or LOC Rwy 3¹²**
RNAV (GPS) Rwy 3³⁴
VOR-A³⁴

¹NA when control tower closed.

²LOC Cat D 800-2¾.

³NA when local weather not available.

⁴Cat D 800-2¾.

OWYHEE, NV

OWYHEE (10U).....**RNAV (GPS) Rwy 5**
 Cat D 1500-3.

PANGUITCH, UT

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

NA when local weather not available.

¹Cat A, B 1200-2.

NAME ALTERNATE MINIMUMS

PAYSON, AZ

PAYSON (PAN).....RNAV (GPS) Rwy 24
Cat D 1000-3.

PHOENIX, AZ

MESA GATEWAY (IWA).....ILS or LOC Rwy 30C¹²³
RNAV (GPS) Rwy 12C⁴
RNAV (GPS) Rwy 12R¹⁵
RNAV (GPS) Rwy 30L¹⁴
RNAV (GPS) Rwy 30R¹
RNAV (GPS) Y Rwy 30C¹⁴
VOR or TACAN Rwy 30C¹⁴

¹NA when local weather not available.

²NA when control tower closed.

³ILS Cat E 700-2½; LOC Cat E 800-2½.

⁴Cat E 800-2½.

⁵Cat E 1100-3.

PHOENIX DEER

VALLEY (DVT).....RNAV (GPS)-B¹
RNAV (GPS) Rwy 7R²
RNAV (GPS) Rwy 25L²

NA when local weather not available.

¹Cat A, B 1000-2, Cat C 1200-3.

²Cat A, B 1000-2, Cat C 1200-3, Cat D 1300-3.

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 8³
RNAV (GPS) Y Rwy 25L³
RNAV (GPS) Y Rwy 25R²
RNAV (GPS) Y Rwy 26³

¹LOC Cat C 1000-2½, Cat D 1500-3.

²Cat C 1000-2½, Cat D 1500-3.

³Cat C 1000-2½, Cat D 1300-3.

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 Cat B 700-2, Cat C 1100-3, Cat D 1700-3;

LOC Cat C 1100-3, Cat D 1700-3.

³Cat C 1100-3, Cat D 1700-3.

⁴Cat C 1100-3.

PRICE, UT

CARBON COUNTY RGNL/BUCK DAVIS
FLD (PUC).....RNAV (GPS) Rwy 1
Cat B 1000-2, Cat C 1200-3.

NAME

ALTERNATE MINIMUMS

PROVO, UT

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

¹NA when control tower closed.

²LOC Cat D 800-2½.

³Cat D 800-2½.

RENO, NV

RENO/TAHOE
INTL (RNO).....ILS or LOC Rwy 35L¹
ILS X or LOC X Rwy 17R²
ILS Y Rwy 17R³
ILS Z or LOC Z Rwy 17R²
LOC Y Rwy 17R⁴
RNAV (GPS) X Rwy 17L⁵
RNAV (GPS) X Rwy 17R⁶
RNAV (GPS) X Rwy 35L⁷
RNAV (GPS) X Rwy 35R⁷
RNAV (RNP) W Rwy 35L⁸
RNAV (RNP) W Rwy 35R⁸
RNAV (RNP) Z Rwy 35L⁸
RNAV (RNP) Z Rwy 35R⁸
TACAN-⁹
VOR-^a

¹ILS Cat A, B, C 700-2; LOC Cat A, B 1000-2, Cat C 2100-3.

²ILS Cat A, B, C, D 800-2; LOC Cat A, B 1100-2, Cat C, D 2100-3.

³Cat A, B, C, D, E 1500-5.

⁴Cat A, B 1600-2, Cat C, D 2100-3, Cat E 2300-3.

⁵Cat A, B 1000-2, Cat C, D 2100-3.

⁶Cat A, B 1800-2, Cat C, D 1800-3.

⁷Cat A, B 1200-4, Cat C, D 2100-4.

⁸Cat A, B, C, D 1000-2½.

⁹Cat A, B 1900-2, Cat C, D, E 2100-3.

^aCat A, B 1900-2, Cat C, D 2100-3.

SALT LAKE CITY, UT

SOUTH VALLEY
RGNL (SVR).....RNAV (GPS) Rwy 34
NA when local weather not available.
Cat C 1200-3, Cat D 1500-3.

SAFFORD, AZ

SAFFORD RGNL/1LT DUANE
SPALSBURY FLD (SAD).....RNAV (GPS) Rwy 12
RNAV (GPS) Rwy 30
NA when local weather not available.
Cat D 800-2½.

ST GEORGE, UT

ST GEORGE RGNL (SGU).....RNAV (GPS) Rwy 1¹
RNAV (GPS) Rwy 19²
¹Cat A 900-2, Cat B 1000-2, Cat C 1000-3.
²Cat A, B 1100-2, Cat C 1100-3, Cat D 1800-3.

ST JOHNS, AZ

ST JOHNS INDUSTRIAL
AIR PARK (SJN).....RNAV (GPS) Rwy 14
NA when local weather not available.

NAME ALTERNATE MINIMUMS

SCOTTSDALE, AZ

SCOTTSDALE (SDL).....**RNAV (GPS)-D¹**
RNAV (GPS)-E¹
VOR/DME-A²

NA when local weather not available.

¹Cat C 1000-2½, Cat D 1800-3.

²Cat A, B 900-2, Cat C 1000-2½, Cat D 1800-3.

SEDONA, AZ

SEDONA (SEZ).....**RNAV (GPS) Rwy 3**
 Cat A 900-2, Cat B 1100-2, Cat C 2300-3, Cat D
 1900-3.

SHOW LOW, AZ

SHOW LOW RGNL (SOW).....**RNAV (GPS) Rwy 25**
 NA when local weather not available.
 Cat C 800-2½, Cat D 1000-3.

TONOPAH, NV

TONOPAH (TPH).....**VOR-A**
 Cat A, B 1300-2, Cat C, D 1300-3.

TOOELE, UT

BOLINDER FLD/TOOELE
 VALLEY (TVY).....**ILS or LOC Rwy 17¹**
RNAV (GPS) Rwy 17²

NA when local weather not available.

¹LOC Cat C 800-2½, Cat D 1100-3.

²Cat C 800-2½, Cat D 1100-3.

TUCSON, AZ

RYAN FLD (RYN).....**RNAV (GPS) Rwy 6R**
 Cat D 1000-3.

TUCSON INTL (TUS).....**ILS or LOC Rwy 12¹**
RNAV (GPS) Rwy 4²
RNAV (GPS) Rwy 22³
RNAV (GPS) Z Rwy 12⁴
RNAV (GPS) Z Rwy 30⁴
VOR or TACAN Rwy 12⁵
VOR or TACAN Rwy 30⁵

¹LOC Cat A, B 900-2, Cat C 900-2½, Cat D 1000-3, Cat E 1300-3.

²Cat A, B, C 800-2½, Cat D 1100-3.

³Cat D 1100-3.

⁴Cat D 1000-3.

⁵Cat D 1000-3, Cat E 1300-3.

⁶Cat D 1100-3, Cat E 1300-3.

VERNAL, UT

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

NA when local weather not available.

¹Cat A, B 1200-2, Cat C, D 1200-3.

²Cat A, B, C, D 1000-2½.

³Cat A, B 900-2, Cat C 900-2½, Cat D 1200-3.

NAME ALTERNATE MINIMUMS

WENDOVER, UT

WENDOVER (ENV).....**RNAV (GPS)-A³⁴**
RNAV (GPS)-C⁴⁵
VOR/DME-B¹
VOR/DME or TACAN Rwy 26²

¹Cat A, B 1300-2, Cat C 1300-3, Cat D, E 1500-3.

²Cat D 900-2½, Cat E 1500-3.

³Cat A, B 1900-2, Cat C, D, E 1900-3.

⁴NA when local weather not available.

⁵Cat A, B 1800-2, Cat C, D, E 1800-3.

WILLCOX, AZ

COCHISE COUNTY (P33).....**RNAV (GPS) Rwy 3**
RNAV (GPS) Rwy 21

NA when local weather not available.

WILLIAMS, AZ

H A CLARK
 MEML FLD (CMR).....**RNAV (GPS) Rwy 18**
 Cat A, B 900-2, Cat C, D 1400-3.

WINDOW ROCK, AZ

WINDOW ROCK (RQE).....**RNAV (GPS) Rwy 3¹**
RNAV (GPS)-B²

NA when local weather not available.

¹Cat A, B 1000-2, Cat C 1100-3.

²Cat A, B 1000-2, Cat C 1100-3, Cat D 1400-3.

WINNEMUCCA, NV

WINNEMUCCA
 MUNI (WMC).....**RNAV (GPS) Rwy 14¹**
RNAV (GPS) Rwy 32

NA when local weather not available.

¹Cat C 800-2½, Cat D 800-2½.

WINSLOW, AZ

WINSLOW-LINDBERGH
 RGNL (INW).....**VOR or GPS Rwy 11**
 Cat D 800-2½.