

INSTRUMENT APPROACH PROCEDURE CHARTS

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.

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	
US Military (USA/USN/USAF)	See Service Regulations	

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, SDF, ASR, RNAV (GPS) and RNAV (RNP).

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.
Category C, 900-2½.

BOULDER CITY, NV

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

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.

²Category A, 800-2½; Category B, 900-2½; Category C, 1100-3; Category D, 1700-3.

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

⁴Categories 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 23¹

Category D, 800-2½.

¹NA when local weather not available.

23 MAR 2023 to 20 APR 2023

23 MAR 2023 to 20 APR 2023

NAME ALTERNATE MINIMUMS

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, 1400-2; Category C, 1400-3.
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, 1000-2¾; 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 12R²

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

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.
¹Category C, 1300-3; Category D, 1500-3.

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.

MOAB, UT

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

Category C, 1100-3; Category D, 1700-3.

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.

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.

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.

23 MAR 2023 to 20 APR 2023

23 MAR 2023 to 20 APR 2023

NAME ALTERNATE MINIMUMS

SCOTTSDALE, AZ

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

NA when local weather not available.
¹Category C, 1000-2¾; Category D, 1800-3.
²Categories A, B, 900-2; Category C, 1000-2¾;
Category D, 1800-3.

SHOW LOW, AZ

SHOW LOW
RGNL (SOW).....RNAV (GPS) Rwy 25
NA when local weather not available.
Category C, 800-2¾, Category D, 1000-3.

TONOPAH, NV

TONOPAH (TPH).....VOR or GPS-A
Category C, 900-2¾; 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
RNAV (GPS) Rwy 3²
RNAV (GPS) Rwy 11R²
RNAV (GPS) Rwy 21²
RNAV (GPS) Rwy 29L²
RNAV (GPS) Z Rwy 11L³
RNAV (GPS) Z Rwy 29R³
VOR or TACAN Rwy 11L³
VOR or TACAN Rwy 29R³

¹LOC, Categories A, B, 900-2;
Category C, 900-2¾; Category D, 1100-3;
Category E, 1300-3.
²Category D, 1100-3.
³Category D, 1100-3; Category 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.
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.

NAME ALTERNATE MINIMUMS

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

¹NA when local weather not available.
²Category C, 800-2¾; Category D, 800-2½.

WINSLOW, AZ

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

23 MAR 2023 to 20 APR 2023

23 MAR 2023 to 20 APR 2023