

INSTRUMENT APPROACH PROCEDURE CHARTS

**A** IFR ALTERNATE AIRPORT MINIMUMS

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

**A**NA 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	<b>600-2</b>	<b>800-2</b>
<b>A</b> 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 4<sup>12</sup>  
RNAV (GPS) Rwy 22<sup>3</sup>  
VOR Rwy 4<sup>1</sup>

<sup>1</sup>NA when local weather not available.  
<sup>2</sup>Categories A, B, 1000-2; Category C, 1000-2¾.  
<sup>3</sup>Category D, 1000-3.

**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, 900-2¾.

**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 16<sup>12</sup>  
RNAV (GPS) Rwy 34<sup>3</sup>  
VOR Rwy 34<sup>4</sup>

<sup>1</sup>NA when local weather not available.  
<sup>2</sup>Category A, 800-2½; Category B, 900-2½; Category C, 1100-3; Category D, 1700-3.  
<sup>3</sup>Categories A, B, 1100-2; Category C, 1100-3; Category D, 1700-3.  
<sup>4</sup>Categories 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<sup>1</sup>  
Category D, 800-2½.  
<sup>1</sup>NA when local weather not available.

10 JUL 2025 to 07 AUG 2025

10 JUL 2025 to 07 AUG 2025



NAME ALTERNATE MINIMUMS

**LAKE HAVASU CITY, AZ**

LAKE HAVASU CITY (HII).....RNAV (GPS) Rwy 14<sup>1</sup>  
RNAV (GPS) Rwy 32<sup>2</sup>  
VOR-A<sup>3</sup>

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

**LAS VEGAS, NV**

HARRY REID INTL (LAS).....ILS or LOC Rwy 1L<sup>1</sup>  
ILS Y or LOC Y Rwy 26L<sup>1</sup>  
ILS Y or LOC Y Rwy 26R<sup>1</sup>  
ILS Z or LOC Z Rwy 26L<sup>2</sup>  
ILS Z or LOC Z Rwy 26R<sup>2</sup>  
RNAV (GPS) Rwy 1R<sup>3</sup>  
RNAV (GPS) Y Rwy 19L<sup>3</sup>  
RNAV (GPS) Y Rwy 19R<sup>3</sup>  
VOR Rwy 26L/R<sup>3</sup>  
VOR/DME-A<sup>4</sup>

<sup>1</sup>LOC, Categories A, B, 900-2;  
Category C, 1000-2½; Category D, 1400-3.  
<sup>2</sup>LOC, Categories A, B, 900-2; Category C,  
1000-2½; Categories D, E, 1400-3.  
<sup>3</sup>Categories A, B, 900-2; Category C, 1000-2½,  
Categories D, 1400-3.  
<sup>4</sup>Categories A, B, 900-2; Categories C, D, 1100-3.

HENDERSON EXEC (HND).....RNAV (GPS)-B<sup>1</sup>  
VOR-C<sup>2</sup>

NA when local weather not available.  
<sup>1</sup>Categories A, B, 1400-2; Category C,  
1400-3.  
<sup>2</sup>Categories A, B, 2400-2; Category C, 2400-3.

NORTH LAS VEGAS (VGT).....ILS or LOC Rwy 12L<sup>1</sup>  
RNAV (GPS) Rwy 12R<sup>2</sup>

NA when local weather not available.  
<sup>1</sup>NA when control tower closed.  
<sup>2</sup>Category 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 2<sup>1</sup>  
RNAV (GPS) Rwy 20<sup>1</sup>  
VOR-A<sup>2</sup>

<sup>1</sup>Category D, 800-2½.  
<sup>2</sup>Categories A, B, 900-2; Category C, 900-2½;  
Category D, 1000-3.

**MANTI, UT**

MANTI-EPHRAIM (41U).....RNAV (GPS) Rwy 3  
Category C, 800-2½; Category D, 2200-3.

NAME ALTERNATE MINIMUMS

**MARANA, AZ**

MARANA RGNL (AVQ).....RNAV (GPS)-E  
NA when local weather not available.  
Category C, 800-2½.

**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<sup>1</sup>

NA when local weather not available.  
<sup>1</sup>Category C, 1300-3; Category D, 1500-3.

**MINDEN, NV**

MINDEN-TAHOE (MEV).....RNAV (GPS) Rwy 16<sup>1</sup>  
RNAV (GPS) Rwy 34<sup>2</sup>

<sup>1</sup>Categories A, B, C, 1500-5; Category D, 1800-5.  
<sup>2</sup>Categories A, B, 1000-2½; Category C, 1200-3.

**MOAB, UT**

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

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

**NOGALES, AZ**

NOGALES INTL (OLS).....RNAV (GPS)-A<sup>1</sup>  
VOR-B<sup>2</sup>

<sup>1</sup>Categories A, B, 2600-2; Category C, 2600-3;  
Category D, 2900-3.  
<sup>2</sup>Categories A, B, 2700-2; Category C, 2700-3;  
Category D, 2900-3.

**OGDEN, UT**

OGDEN-  
HINCKLEY (OGD).....ILS or LOC Rwy 3<sup>1</sup>  
RNAV (GPS) Rwy 3<sup>23</sup>  
VOR-A<sup>23</sup>

<sup>1</sup>NA when control tower closed.  
<sup>2</sup>NA when local weather not available.  
<sup>3</sup>Category D, 800-2½.

**OWYHEE, NV**

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

**PANGUITCH, UT**

PANGUITCH  
MUNI (U55).....RNAV (GPS) Rwy 18  
RNAV (GPS) Rwy 36<sup>1</sup>

NA when local weather not available.  
<sup>1</sup>Categories A, B, 1200-2.

10 JUL 2025 to 07 AUG 2025

10 JUL 2025 to 07 AUG 2025

NAME ALTERNATE MINIMUMS

**PHOENIX, AZ**

PHOENIX DEER VALLEY (DVT).....**RNAV (GPS)-B<sup>1</sup>**  
**RNAV (GPS) Rwy 7R<sup>2</sup>**  
**RNAV (GPS) Rwy 25L<sup>2</sup>**

NA when local weather not available.  
<sup>1</sup>Categories A, B, 1000-2; Category C, 1200-3.  
<sup>2</sup>Categories A, B, 1000-2; Category C, 1200-3; Category D, 1300-3.

**PHOENIX SKY HARBOR**

INTL (PHX).....**ILS or LOC/DME Rwy 7L<sup>1</sup>**  
**ILS or LOC Rwy 7R<sup>1</sup>**  
**ILS or LOC Rwy 8<sup>1</sup>**  
**ILS or LOC Rwy 25L<sup>1</sup>**  
**ILS or LOC Rwy 26<sup>1</sup>**  
**RNAV (GPS) Y Rwy 7L<sup>2</sup>**  
**RNAV (GPS) Y Rwy 7R<sup>2</sup>**  
**RNAV (GPS) Y Rwy 8<sup>3</sup>**  
**RNAV (GPS) Y Rwy 25L<sup>3</sup>**  
**RNAV (GPS) Y Rwy 25R<sup>2</sup>**  
**RNAV (GPS) Y Rwy 26<sup>3</sup>**

<sup>1</sup>LOC, Category C, 1000-2 $\frac{3}{4}$ ; Category D, 1500-3.  
<sup>2</sup>Category C, 1000-2 $\frac{3}{4}$ ; Category D, 1500-3.  
<sup>3</sup>Category C, 1000-2 $\frac{3}{4}$ ; Category D, 1300-3.

**MESA**

GATEWAY (IWA).....**ILS or LOC Rwy 30C<sup>123</sup>**  
**RNAV (GPS) Rwy 12C<sup>4</sup>**  
**RNAV (GPS) Rwy 12R<sup>15</sup>**  
**RNAV (GPS) Rwy 30L<sup>14</sup>**  
**RNAV (GPS) Rwy 30R<sup>1</sup>**  
**RNAV (GPS) Y Rwy 30C<sup>14</sup>**  
**VOR or TACAN Rwy 30C<sup>14</sup>**

<sup>1</sup>NA when local weather not available.  
<sup>2</sup>NA when control tower closed.  
<sup>3</sup>ILS, Category E, 700-2 $\frac{1}{4}$ ; LOC Category E, 800-2 $\frac{1}{4}$ .  
<sup>4</sup>Category E, 800-2 $\frac{1}{4}$ .  
<sup>5</sup>Category E, 1100-3.

**PRESCOTT, AZ**

PRESCOTT RGNL/ERNEST A LOVE FLD (PRC).....**ILS or LOC/DME Rwy 21L<sup>12</sup>**  
**RNAV (GPS) Y Rwy 3R<sup>3</sup>**  
**RNAV (GPS) Rwy 12<sup>3</sup>**  
**RNAV (GPS) Rwy 21L<sup>3</sup>**  
**VOR Rwy 12<sup>4</sup>**

<sup>1</sup>NA when control tower closed.  
<sup>2</sup>ILS, Category B, 700-2; Category C, 1100-3; Category D, 1700-3. LOC, Category C, 1100-3; Category D, 1700-3.  
<sup>3</sup>Category C, 1100-3; Category D, 1700-3.  
<sup>4</sup>Category C, 1100-3.

**PRICE, UT**

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

NAME ALTERNATE MINIMUMS

**PROVO, UT**

PROVO MUNI (PVU).....**ILS or LOC Rwy 13<sup>12</sup>**  
**RNAV (GPS) Rwy 13<sup>3</sup>**

<sup>1</sup>NA when control tower closed.  
<sup>2</sup>LOC, Category D, 800-2 $\frac{1}{2}$ .  
<sup>3</sup>Category D, 800-2 $\frac{1}{2}$ .

**RENO, NV**

RENO/TAHOE INTL (RNO).....**ILS or LOC Rwy 35L<sup>1</sup>**  
**ILS X or LOC X Rwy 17R<sup>2</sup>**  
**ILS Y Rwy 17R<sup>3</sup>**  
**ILS Z or LOC Z Rwy 17R<sup>2</sup>**  
**LOC Y Rwy 17R<sup>4</sup>**  
**RNAV (GPS) X Rwy 17L<sup>5</sup>**  
**RNAV (GPS) X Rwy 17R<sup>6</sup>**  
**RNAV (GPS) X Rwy 35L<sup>7</sup>**  
**RNAV (GPS) X Rwy 35R<sup>8</sup>**  
**RNAV (GPS) Y Rwy 35L<sup>9</sup>**  
**RNAV (RNP) W Rwy 35L<sup>a</sup>**  
**RNAV (RNP) W Rwy 35R<sup>a</sup>**  
**RNAV (RNP) Z Rwy 35L<sup>a</sup>**  
**RNAV (RNP) Z Rwy 35R<sup>a</sup>**  
**TACAN-F<sup>b</sup>**  
**VOR-D<sup>c</sup>**

<sup>1</sup>ILS, 700-2; LOC, Categories A, B, 1000-2; Category C, 2100-3.  
<sup>2</sup>ILS, Categories A, B, C, D, 800-2; LOC, Categories A, B, 1100-2; Categories C, D, 2100-3.  
<sup>3</sup>Categories A, B, C, D, E, 1500-5.  
<sup>4</sup>Categories A, B, 1600-2; Categories C, D, 2100-3; Category E, 2300-3.  
<sup>5</sup>Categories A, B, 1000-2; Categories C, D, 2100-3.  
<sup>6</sup>Categories A, B, 1800-2; Categories C, D, 1800-3.  
<sup>7</sup>Categories A, B, 1200-4; Categories C, D, 2100-4.  
<sup>8</sup>Categories A, B, 1100-4; Categories C, D, 2100-4.  
<sup>9</sup>Categories A, B, C, 1000-2 $\frac{1}{2}$ .  
<sup>a</sup>Categories A, B, C, D, 1000-2 $\frac{1}{2}$ .  
<sup>b</sup>Categories A, B, 1900-2; Categories C, D, E, 2100-3.  
<sup>c</sup>Categories A, B, 1900-2; Categories C, D, 2100-3.

**SALT LAKE CITY, UT**

SOUTH VALLEY RGNL (SVR).....**RNAV (GPS) Rwy 34**  
NA when local weather not available.  
Category C, 1200-3; Category 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.  
Category D, 800-2 $\frac{1}{4}$ .

10 JUL 2025 to 07 AUG 2025

10 JUL 2025 to 07 AUG 2025

NAME ALTERNATE MINIMUMS

**ST GEORGE, UT**

ST GEORGE  
RGNL (SGU).....RNAV (GPS) Rwy 1<sup>1</sup>  
RNAV (GPS) Rwy 19<sup>2</sup>

<sup>1</sup>Category A, 900-2; Category B, 1000-2; Category C, 1000-3.

<sup>2</sup>Categories A, B, 1100-2; Category C, 1100-3; Category D, 1800-3.

**ST JOHNS, AZ**

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

NA when local weather not available.

**SCOTTSDALE, AZ**

SCOTTSDALE (SDL).....RNAV (GPS)-D<sup>1</sup>  
RNAV (GPS)-E<sup>1</sup>  
VOR/DME-A<sup>2</sup>

NA when local weather not available.

<sup>1</sup>Category C, 1000-2¾; Category D, 1800-3.

<sup>2</sup>Categories A, B, 900-2; Category C, 1000-2¾; Category D, 1800-3.

**SEDONA, AZ**

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

**SHOW LOW, AZ**

SHOW LOW RGNL (SOW)....RNAV (GPS) Rwy 25  
NA when local weather not available.  
Category C, 800-2¼, Category D, 1000-3.

**TONOPAH, NV**

TONOPAH (TPH).....VOR-A  
Categories A, B, 1300-2; Categories C, D, 1300-3.

**TOOELE, UT**

BOLINDER FLD/TOOELE  
VALLEY (TVY).....ILS or LOC Rwy 17<sup>1</sup>  
RNAV (GPS) Rwy 17<sup>2</sup>

<sup>1</sup>ILS, Category C, 800-2; Category D, 1100-3; LOC, Category D, 1100-3.

<sup>2</sup>Category D, 1100-3.

**TUCSON, AZ**

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

NAME ALTERNATE MINIMUMS

**TUCSON, AZ (CON'T)**

TUCSON INTL (TUS).....ILS or LOC Rwy 1<sup>1</sup>  
RNAV (GPS) Rwy 4<sup>2</sup>  
RNAV (GPS) Rwy 22<sup>3</sup>  
RNAV (GPS) Z Rwy 12<sup>4</sup>  
RNAV (GPS) Z Rwy 30<sup>4</sup>  
VOR or TACAN Rwy 12<sup>5</sup>  
VOR or TACAN Rwy 30<sup>6</sup>

<sup>1</sup>LOC, Categories A, B, 900-2; Category C, 900-2¾; Category D, 1000-3; Category E, 1300-3.

<sup>2</sup>Categories A, B, C, 800-2¼; Category D, 1100-3.

<sup>3</sup>Category D, 1100-3.

<sup>4</sup>Category D, 1000-3.

<sup>5</sup>Category D, 1000-3; Category E, 1300-3.

<sup>6</sup>Category D, 1100-3; Category E, 1300-3.

**VERNAL, UT**

VERNAL RGNL (VEL).....RNAV (GPS) Y Rwy 35<sup>1</sup>  
RNAV (GPS) Z Rwy 35<sup>2</sup>  
VOR Rwy 35<sup>3</sup>

NA when local weather not available.

<sup>1</sup>Categories A, B, 1100-2; Category C, 1100-3; Category D, 1200-3.

<sup>2</sup>Categories A, B, C, D, 1000-2¼.

<sup>3</sup>Categories A, B, 900-2; Category C, 900-2¾; Category D, 1200-3.

**WENDOVER, UT**

WENDOVER (ENV).....RNAV (GPS)-A<sup>34</sup>  
RNAV (GPS)-C<sup>45</sup>  
VOR/DME-B<sup>1</sup>  
VOR/DME or TACAN Rwy 26<sup>2</sup>

<sup>1</sup>Categories A, B, 1300-2; Category C, 1300-3; Category D, E 1500-3.

<sup>2</sup>Category D, 900-2¾; Category E, 1500-3.

<sup>3</sup>Categories A, B, 1900-2; Categories C, D, E, 1900-3.

<sup>4</sup>NA when local weather not available.

<sup>5</sup>Categories A, B, 1800-2; Categories 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  
Categories A, B, 900-2; Categories C, D, 1400-3.

**WINDOW ROCK, AZ**

WINDOW ROCK (RQE).....RNAV (GPS) Rwy 3<sup>1</sup>  
RNAV (GPS)-B<sup>2</sup>  
VOR-A<sup>2</sup>

NA when local weather not available.

<sup>1</sup>Categories A, B, 1000-2; Category C, 1100-3.

<sup>2</sup>Categories A, B, 1000-2; Category C, 1100-3; Category D, 1400-3.

10 JUL 2025 to 07 AUG 2025

10 JUL 2025 to 07 AUG 2025

25163

NAME ALTERNATE MINIMUMS NAME ALTERNATE MINIMUMS

**WINNEMUCCA, NV**

WINNEMUCCA

MUNI (WMC).....RNAV (GPS) Rwy 14<sup>1</sup>  
RNAV (GPS) Rwy 32

NA when local weather not available.

<sup>1</sup>Category C, 800-2¼; Category D, 800-2½.

**WINSLOW, AZ**

WINSLOW-LINDBERGH

RGNL (INW).....VOR or GPS Rwy 11

Category D, 800-2½.

10 JUL 2025 to 07 AUG 2025

10 JUL 2025 to 07 AUG 2025