

INSTRUMENT APPROACH PROCEDURE CHARTS

**IFR ALTERNATE AIRPORT MINIMUMS**

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

**▲**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 **▲**NA designation are not listed in this section. **▲** 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>▲</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**

**BABELTHUAP ISLAND, PW**  
PALAU INTL (ROR) (PTOR).....**NDB Rwy 9<sup>1</sup>**  
**RNAV (GPS) Rwy 9**  
**RNAV (GPS) Rwy 27**

NA except standard for operators with approved weather reporting service.

<sup>1</sup>Categories A, B, 900-2; Category C, 900-2½; Category D, 900-2¼.

**GUAM, GU**

GUAM  
INTL (GUM) (PGUM).....**ILS or LOC Rwy 6L<sup>1</sup>**  
**ILS or LOC Rwy 6R<sup>1</sup>**  
**RNAV (GPS) Y Rwy 24L<sup>2</sup>**  
**RNAV (GPS) Y Rwy 24R<sup>3</sup>**  
**RNAV (RNP) Z Rwy 24L<sup>4</sup>**  
**RNAV (RNP) Z Rwy 24R<sup>5</sup>**  
**VOR or TACAN Rwy 24R<sup>6</sup>**

<sup>1</sup>LOC, Categories A, B, 1200-2;

Categories C, D, 1200-3.

<sup>2</sup>Categories A, B, 900-2; Category C, 900-2¼.

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

<sup>4</sup>Categories A, B, C, D, 900-3.

<sup>5</sup>Categories A, B, C, D, 800-2½.

<sup>6</sup>Categories A, B, 900-2; Categories C, D 900-2½.

**HANA, HI**

HANA (HNM) (PHHN).....**RNAV (GPS) Rwy 26**  
Category A, 900-2; Category B, 1100-2.

**NAME ALTERNATE MINIMUMS**

**HILO, HI**  
HILO INTL (ITO) (PHTO).....**ILS or LOC Rwy 26<sup>12</sup>**  
**RNAV (GPS) Rwy 21<sup>3</sup>**  
**RNAV (GPS) Rwy 26<sup>3</sup>**  
**VOR-B<sup>3</sup>**  
**VOR/DME or TACAN Rwy 26<sup>3</sup>**  
**VOR/DME or TACAN-A<sup>3</sup>**

<sup>1</sup>NA when control tower closed.

<sup>2</sup>LOC, Category C, 900-2¼; Category D, 1300-3.

<sup>3</sup>Category C, 900-2¼; Category D, 1300-3.

**HONOLULU, HI**

DANIEL K INOUYE  
INTL (HNL) (PHNL).....**LOC Rwy 4R<sup>1</sup>**  
**LOC Rwy 8L<sup>2</sup>**  
**LOC Rwy 8L<sup>2</sup>**  
**RNAV (GPS) Rwy 4L<sup>3</sup>**  
**RNAV (GPS) Rwy 8R<sup>4</sup>**  
**RNAV (GPS) Y Rwy 4R<sup>5</sup>**  
**RNAV (GPS) Y Rwy 8L<sup>6</sup>**  
**VOR or TACAN Rwy 4R<sup>7</sup>**  
**VOR or TACAN-A<sup>1</sup>**  
**VOR or TACAN-B<sup>1</sup>**

<sup>1</sup>Category C, 800-2¼; Category D, 1400-3.

<sup>2</sup>Category C, 900-2¼; Category D, 1400-3.

<sup>3</sup>Category C, 900-2¼; Category D, 1400-3;

Category E, 2000-3.

<sup>4</sup>Category C, 900-2¼; Category D, 1400-3;

Category E, 2100-3.

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

<sup>6</sup>Category C, 900-2¼; Category D, 1300-3.

<sup>7</sup>Category C, 900-2¼; Category D, 1400-3.

NAME ALTERNATE MINIMUMS

**KAHULUI, HI**

KAHULUI (OGG)  
(PHOG).....**ILS Y or LOC Y Rwy 2<sup>12</sup>**  
**ILS Z or LOC Z Rwy 2<sup>12</sup>**  
**RNAV (GPS) Rwy 20<sup>3</sup>**  
**RNAV (GPS) Rwy 23<sup>4</sup>**  
**RNAV (GPS) Y Rwy 2<sup>35</sup>**  
**VOR Z or TACAN Rwy 20<sup>3</sup>**

- <sup>1</sup>NA when control tower closed.
- <sup>2</sup>LOC, Category D, 1100-3; Category E, 1700-3.
- <sup>3</sup>Category D, 1100-3.
- <sup>4</sup>Category D, 1200-3.
- <sup>5</sup>NA when local weather not available.

**KAILUA/KONA, HI**

ELLISON ONIZUKA KONA INTL AT  
KEAHOLE (KOA) (PHKO).....**ILS or LOC Rwy 17<sup>1</sup>**  
**LOC BC Rwy 35<sup>2</sup>**  
**RNAV (GPS) Rwy 35<sup>2</sup>**  
**RNAV (GPS) Y Rwy 17<sup>2</sup>**  
**VOR or TACAN Rwy 17<sup>2</sup>**  
**VOR or TACAN Rwy 35<sup>2</sup>**

- <sup>1</sup>NA when control tower closed.
- <sup>2</sup>NA when local weather not available.

**KAPOLEI, OAHU ISLAND, HI**

KALAELOA (JOHN RODGERS)  
FLD (JRF) (PHJR).....**NDB Rwy 4R<sup>1</sup>**  
**RNAV (GPS) Rwy 4R<sup>2</sup>**

- <sup>1</sup>Category C, 800-2¼; Category D, 800-2½.
- <sup>2</sup>NA when local weather not available.

**KAUNAKAKAI, HI**

MOLOKAI (MKK) (PHMK).....**RNAV (GPS)-B<sup>12</sup>**  
**VOR or TACAN-A<sup>3</sup>**

- <sup>1</sup>NA when local weather not available.
- <sup>2</sup>Category C, 1200-3; Category D, 1500-3.
- <sup>3</sup>Categories A, B, 1500-2; Categories C, D, 1500-3.

**KOSRAE, FM**

KOSRAE (TTK) (PTSA).....**RNAV (GPS) Rwy 5<sup>1</sup>**  
**RNAV (GPS) Rwy 23<sup>2</sup>**

- <sup>1</sup>NA except standard for operators with approved weather reporting service.
- <sup>2</sup>NA except categories A,B, standard, Category C, 800-2¼, Category D 800-2½, for operators with approved weather reporting service.

**LANAI CITY, HI**

LANAI (LNY) (PHNY).....**RNAV (GPS) Rwy 3<sup>12</sup>**  
**VOR or TACAN or GPS-A<sup>3</sup>**

- <sup>1</sup>NA when local weather not available.
- <sup>2</sup>Category C, 900-2½.
- <sup>3</sup>NA when local weather not received except for operators with approved weather reporting service.

NAME ALTERNATE MINIMUMS

**LIHUE, HI**

LIHUE (LIH) (PHLI).....**ILS or LOC Rwy 35<sup>1</sup>**  
**RNAV (GPS) Rwy 17<sup>23</sup>**  
**RNAV (GPS) Y Rwy 21<sup>23</sup>**  
**RNAV (GPS) Y Rwy 35<sup>4</sup>**  
**RNAV (RNP) Z Rwy 21<sup>5</sup>**  
**VOR or TACAN Rwy 21<sup>2</sup>**

- <sup>1</sup>NA when control tower closed.
- <sup>2</sup>NA when local weather not available.
- <sup>3</sup>Categories C, D, 800-2¼.
- <sup>4</sup>Category C, 800-2¼; Category D, 800-2½.
- <sup>5</sup>RNP 0.30, Categories A, B, C, D, 1000-4.
- <sup>6</sup>Category B, 900-2; Category C, 1000-2¾; Category D, 1000-3.

**MIDWAY ATOLL, QM**

HENDERSON  
FLD (MDY) (PMDY).....**NDB Rwy 6**  
**NDB Rwy 24**  
**RNAV (GPS) Rwy 6**  
**RNAV (GPS) Rwy 24**

NA except standard for operators with approved weather reporting service.

**PAGO PAGO, AS**

PAGO PAGO  
INTL (PPG) (NSTU).....**ILS or LOC Rwy 5<sup>1</sup>**  
**RNAV (GPS) Rwy 5<sup>2</sup>**  
**RNAV (GPS) Rwy 23<sup>2</sup>**  
**VOR or TACAN-B<sup>2</sup>**

- <sup>1</sup>ILS, Categories A, B, C, D, 900-2;  
LOC, Category C, 800-2¼; Category D, 900-2¾.
- <sup>2</sup>Category C, 800-2¼; Category D, 900-2¾.

**POHNPEI ISLAND, FM**

POHNPEI INTL (PNI) (PTPN).....**NDB-A<sup>1</sup>**  
**RNAV (GPS) Rwy 27<sup>2</sup>**  
**RNAV (GPS) X Rwy 9<sup>1</sup>**  
**RNAV (RNP) Y Rwy 9<sup>3</sup>**

- <sup>1</sup>Categories A, B, 1000-2; Categories C, D, 1000-3.
- <sup>2</sup>Category D, 800-2¼.
- <sup>3</sup>Categories A, B, C, D, 1000-4.

**ROTA ISLAND, CQ**

BENJAMIN TAISACAN MANGLONA  
INTL (GRO) (PGRO).....**RNAV (GPS) Rwy 9**  
**RNAV (GPS) Rwy 27**  
**NDB Rwy 9<sup>1</sup>**  
**NDB Rwy 27**

NA except standard for operators with approved weather reporting service.

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

**SAIPAN ISLAND, CQ**

FRANCISCO C ADA/  
SAIPAN INTL (GSN) (PGSN).....**NDB Y Rwy 7**  
Category D, 800-2¼.

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**TINIAN ISLAND, CQ**

FRANCISCO MANGLONA BORJA  
TINIAN INTL (TNI) (PGWT).....**RNAV (GPS) Rwy 8**  
**RNAV (GPS) Rwy 26**

NA when local weather not available.  
Category D, 800-2½.

**WENO ISLAND, FM**

CHUUK INTL (TKK) (PTKK).....**NDB Rwy 4<sup>1</sup>**  
**NDB Rwy 22<sup>23</sup>**  
**RNAV (GPS) Rwy 4<sup>24</sup>**  
**RNAV (GPS) Rwy 22<sup>25</sup>**

- <sup>1</sup>NA except for operators with approved weather reporting service. Categories A, B, C, D, 800-2½.
- <sup>2</sup>NA except standard for operators with approved weather reporting service.
- <sup>3</sup>Categories C, D, 800-2½.
- <sup>4</sup>Categories A, B, C, D, 800-3.
- <sup>5</sup>Categories A, B, 900-2; Category C, 900-2½; Category D, 900-2½.

**YAP ISLAND, FM**

YAP INTL (T11) (PTYA).....**NDB Rwy 7<sup>1</sup>**  
**NDB Rwy 25<sup>2</sup>**  
**NDB/DME Rwy 25<sup>2</sup>**

- <sup>1</sup>Category D, 800-2¼;
- <sup>2</sup>Categories A, B, 1000-2; Categories C, D, 1000-3.

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