ATIS
119.0
AGANA TOWER
118.1 340.2
GND CON
121.9 336.4
CLNC DEL
121.9

D

TERMINAL
COMMUTER TERMINAL
CARGO
24R
24L

PARKING STAND POSITIONS

STAND NO.	COORDINATES
1	N 13°29′24.3" E 144°48′07.7"
2	N 13°29′25.4" E 144°48′09.8"
3	N 13°29′26.5" E 144°48′12.0"
4, 4A,4B	N 13°29′27.1" E 144°48′13.7"
5	N 13°29′27.5" E 144°48′15.7"
6	N 13°29′28.5" E 144°48′17.6"
7	N 13°29′29.6" E 144°48′19.4"
8	N 13°29′30.9" E 144°48′21.5"
9	N 13°29′31.6" E 144°48′23.5"
10	N 13°29′33.3" E 144°48′25.8"
12, 12A	N 13°29′34.6" E 144°48′28.0"
13, 13A	N 13°29′36.4" E 144°48′27.6"
14	N 13°29′35.7" E 144°48′30.1"
15, 15A	N 13°29′37.3" E 144°48′29.5"
16, 16A	N 13°29′36.2" E 144°48′32.1"
17, 17A	N 13°29′38.1" E 144°48′31.1"
18	N 13°29′37.1" E 144°48′32.6"
19	N 13°29′38.3" E 144°48′32.2"
20	N 13°29′37.5" E 144°48′32.8"
21	N 13°29′38.1" E 144°48′32.3"

13°30′N

SEE INSET

FIELD ELEV 305

341±

TERMINAL

COMMUTER TERMINAL

244.3°

24R

0.7% DOWN

24L

ELEV 301

244.3°

0.6% DOWN

13°29′N

064.3°

12014 X 150

0.5% UP

064.2°

10014 X 150

0.8% UP

ELEV 234

19

06R

ELEV 231

HANGARS

TWR

FIRE STATION

VAR 0.7° E

RWYS 06L-24R, 06R-24L
PCN 69 F/B/X/U
S-135, D-235, 2D-390, 2D/2D2-780

JANUARY 2020
ANNUAL RATE OF CHANGE
0.1° W

13°28′N

CAUTION: BE ALERT TO RUNWAY CROSSING CLEARANCES.
READBACK OF ALL RUNWAY HOLDING INSTRUCTIONS IS REQUIRED.

144°47′E 144°48′E 144°49′E

PAC, 15 JUN 2023 to 10 AUG 2023

PAC, 15 JUN 2023 to 10 AUG 2023

ILS or LOC RWY 6L
GUAM INTL (GUM)(PGUM)

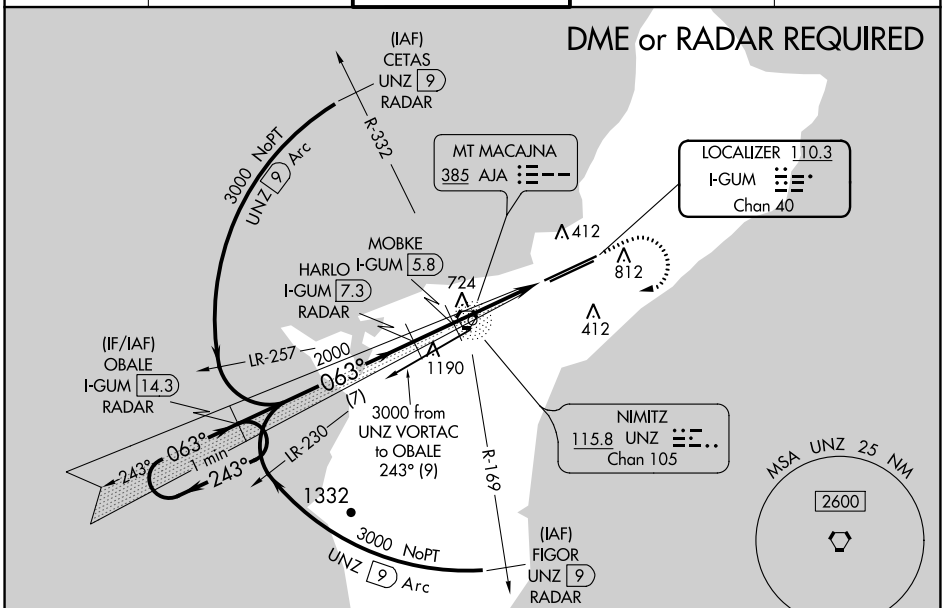
LOC/DME I-GUM	APP CRS	Rwy ldg	11014
110.3	063°	TDZE	256
Chan 40		Apt Elev	305

Circling NA southeast of Rwy 6R-24L. DME or RADAR required. For inop ALS, increase S-ILS 6L all Cats visibility to 1 SM; MOBKE DME minimums: For inop ALS, increase S-LOC 6L Cat A visibility to 1 SM. Inop table does not apply to S-LOC 6L Cats C and D.

MALSR

MISSED APPROACH: Climb to 2100 then climbing right turn to 3000 direct UNZ VORTAC then on I-GUM localizer SW course to OBALE/I-GUM 14.3 DME/RADAR and hold.

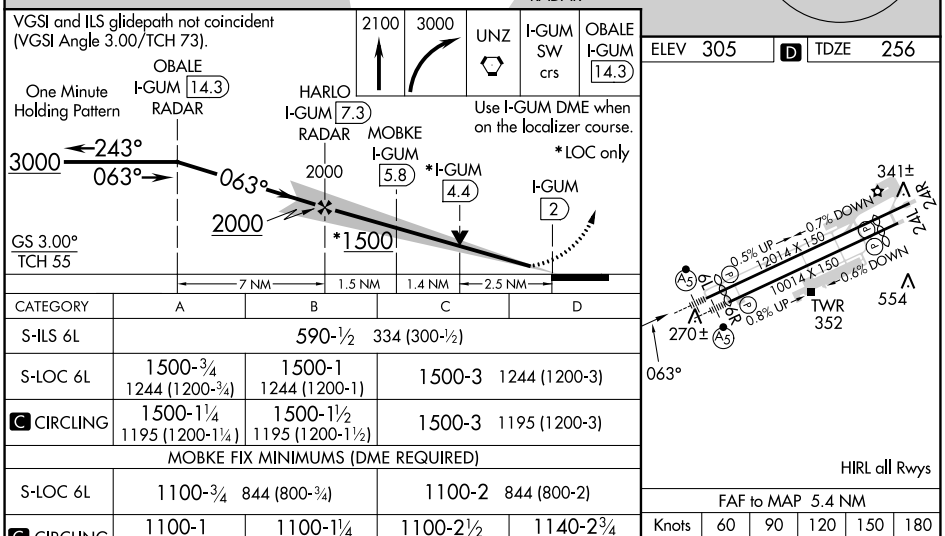
ATIS	GUAM CERAP	AGANA TOWER	GND CON	CLNC DEL
119.0	119.8 269.0	118.1 340.2	121.9 336.4	121.9



VGSI and ILS glidepath not coincident (VGSI Angle 3.00/TCH 73).

2100	3000	UNZ	I-GUM SW crs	OBALE I-GUM 14.3

ELEV 305 | D | TDZE 256



CATEGORY	A	B	C	D
S-ILS 6L	590-½ 334 (300-½)			
S-LOC 6L	1500-¾ 1244 (1200-¾)	1500-1 1244 (1200-1)	1500-3 1244 (1200-3)	
C CIRCLING	1500-1¼ 1195 (1200-1¼)	1500-1½ 1195 (1200-1½)	1500-3 1195 (1200-3)	
MOBKE FIX MINIMUMS (DME REQUIRED)				
S-LOC 6L	1100-¾ 844 (800-¾)		1100-2 844 (800-2)	
C CIRCLING	1100-1 795 (800-1)	1100-1¼ 795 (800-1¼)	1100-2½ 795 (800-2½)	1140-2¾ 835 (900-2¾)

FAF to MAP 5.4 NM					
Knots	60	90	120	150	180
Min:Sec	5:24	3:36	2:42	2:10	1:48

PAC, 15 JUN 2023 to 10 AUG 2023
PAC, 15 JUN 2023 to 10 AUG 2023

LOC/DME I-AWD	APP CRS	Rwy ldg	10014
110.9	063°	TDZE	258
Chan 46		Apt Elev	305

ILS or LOC RWY 6R

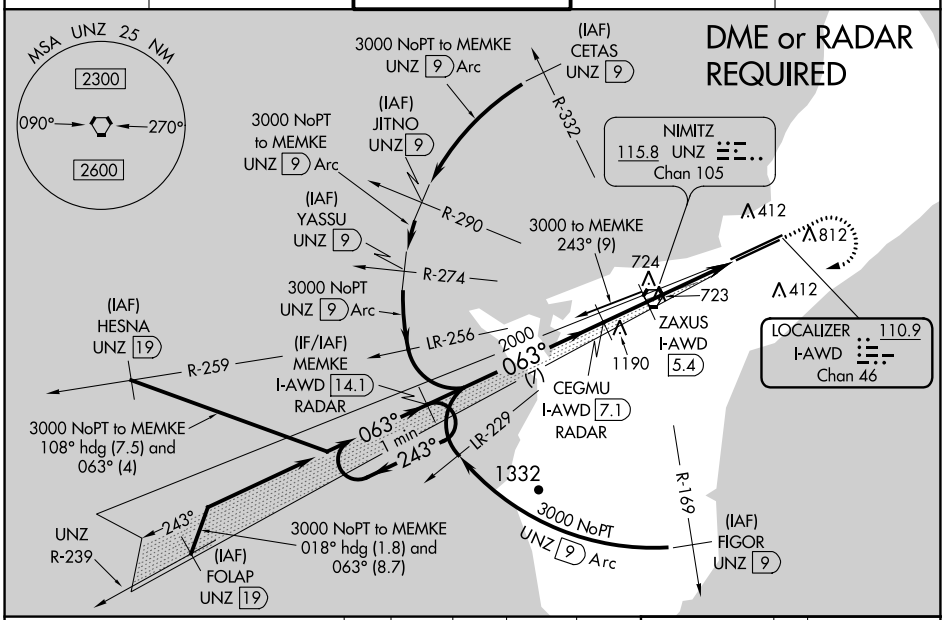
GUAM INTL (GUM)(PGUM)

T A Circling NA southeast of Rwy 6R-24L. Rwy 6R helicopter visibility reduction below ¾ SM NA. DME or RADAR required. Inop table does apply to S-LOC 6R Cat C/D. ZAXUS DME minimums: For inop ALS, increase S-LOC 6R Cat A/B visibility to 1 SM.

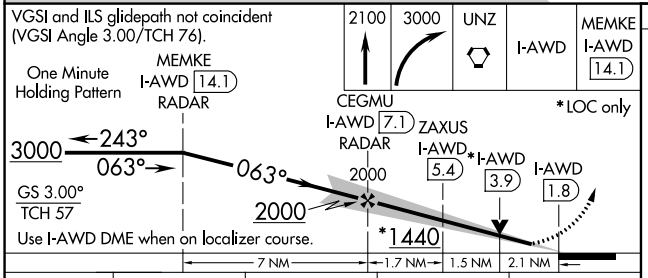
MALSR

MISSED APPROACH: Climb to 2100 then climbing right turn to 3000 direct UNZ VORTAC then on I-AWD to MEMKE/I-AWD 14.1 DME/RADAR and hold.

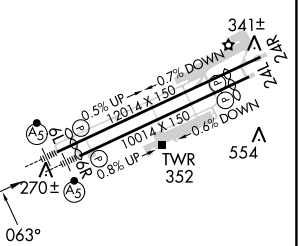
ATIS	GUAM CERAP	AGANA TOWER	GND CON	CLNC DEL
119.0	119.8 269.0	118.1 340.2	121.9 336.4	121.9



VGSI and ILS glidepath not coincident (VGSI Angle 3.00/TCH 76).



ELEV 305 | D | TDZE 258



HIRL all Rwys

CATEGORY	A	B	C	D
S-ILS 6R	603-¾ 345 (300-¾)			
S-LOC 6R	1440-¾ 1182 (1200-¾)	1440-1 1182 (1200-1)	1440-3 1182 (1200-3)	
C CIRCLING	1440-1¼ 1135 (1200-1¼)	1440-1½ 1135 (1200-1½)	1440-3 1135 (1200-3)	
ZAXUS DME MINIMUMS				
S-LOC 6R	980-¾ 722 (700-¾)		980-1⅝ 722 (700-1⅝)	
C CIRCLING	980-1 675 (700-1)		980-2 675 (700-2)	1140-2¾ 835 (900-2¾)

FAF to MAP 5.3 NM

Knots	60	90	120	150	180
Min:Sec	5:18	3:32	2:39	2:07	1:46

PAC, 15 JUN 2023 to 10 AUG 2023

PAC, 15 JUN 2023 to 10 AUG 2023

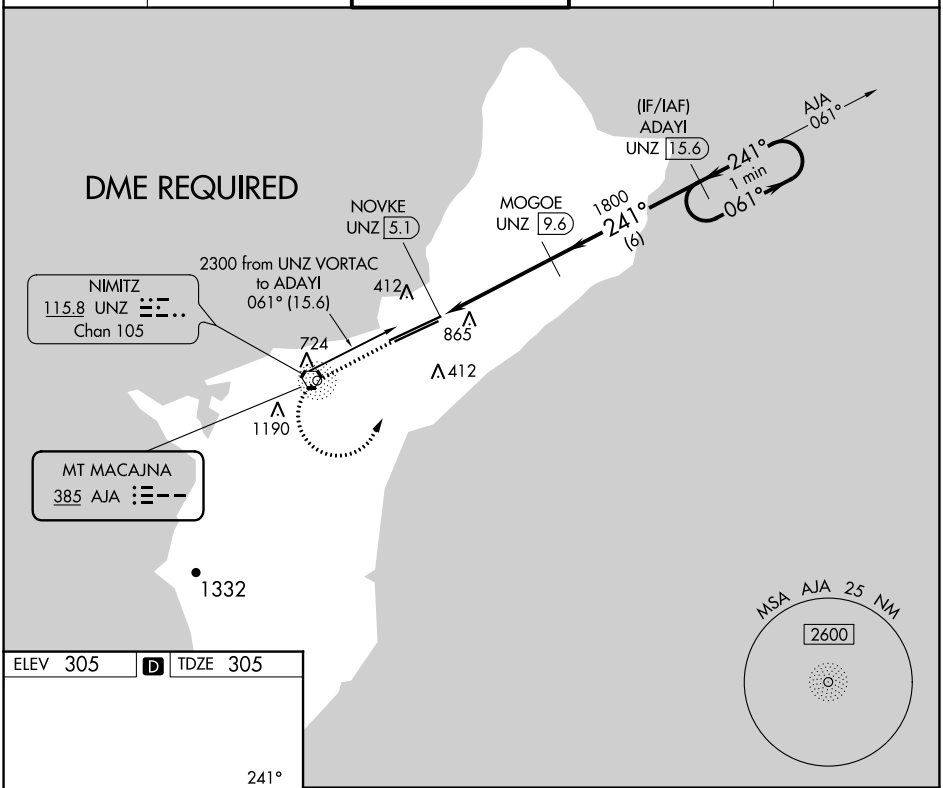
NDB RWY 24R
GUAM INTL (GUM)(PGUM)

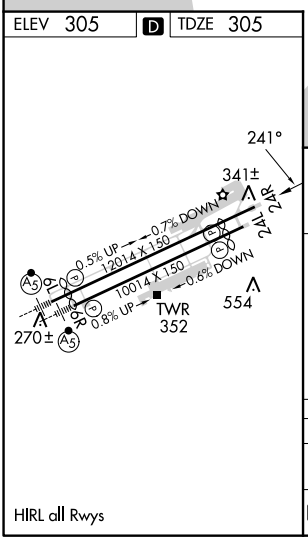
NDB AJA	APP CRS	Rwy ldg	12014
385	241°	TDZE	305
		Apt Elev	305

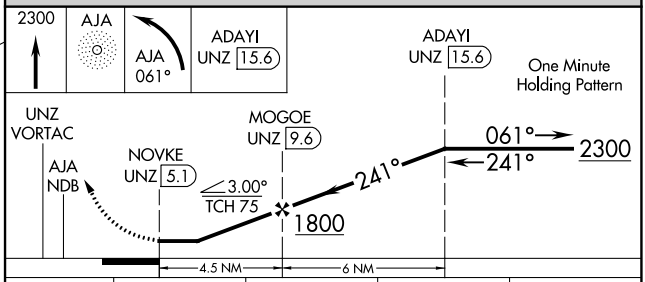
Circling NA southeast of Rwy 6R-24L. Rwy 24R helicopter visibility reduction below ¾ SM NA. DME from UNZ VORTAC, simultaneous reception of AJA NDB and UNZ DME required.

MISSED APPROACH: Climb to 2300 direct AJA NDB and left turn on bearing 061° from AJA NDB to ADAYI/UNZ 15.6 DME and hold.

ATIS	GUAM CERAP	AGANA TOWER	GND CON	CLNC DEL
119.0	119.8 269.0	118.1 340.2	121.9 336.4	121.9







CATEGORY	A	B	C	D
S-24R	1220-1¼ 915 (1000-1¼)		1220-2½ 915 (1000-2½)	
C CIRCLING	1220-1¼ 915 (1000-1¼)		1220-2¾ 915 (1000-2¾)	1220-3 915 (1000-3)

PAC, 15 JUN 2023 to 10 AUG 2023

PAC, 15 JUN 2023 to 10 AUG 2023

APP CRS	Rwy ldg	8710
243°	TDZE	293
	Apt Elev	298

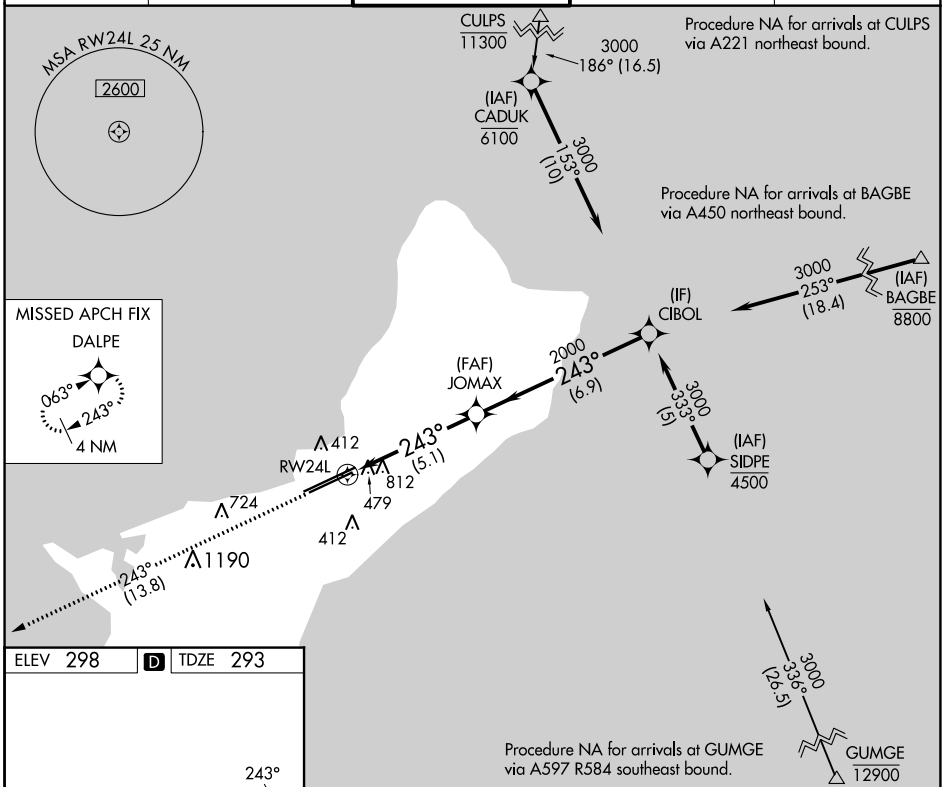
RNAV (RNP) Z RWY 24L

GUAM INTL (GUM)(PGUM)

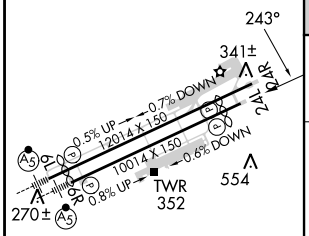
For uncompensated Baro-VNAV systems, procedure NA below 19°C (66°F) or above 48°C (119°F).
GPS required.
Procedure NA at night.

MISSED APPROACH: Climb to 3000 via track 243° to DALPE and hold.

ATIS	GUAM CERAP	AGANA TOWER	GND CON	CLNC DEL
119.0	119.8 269.0	118.1 340.2	121.9 336.4	121.9

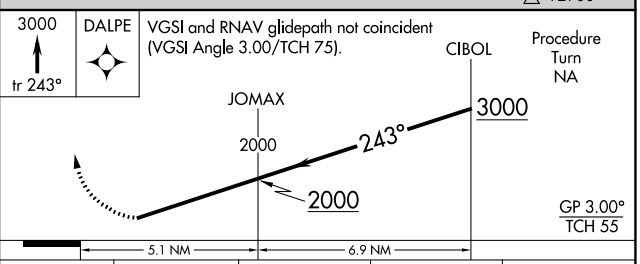


ELEV 298 | D | TDZE 293



HIRL all Rwys

3000 tr 243°	DALPE	VGSI and RNAV glidepath not coincident (VGSI Angle 3.00/TCH 75).	Procedure Turn NA



CATEGORY	A	B	C	D
RNP 0.20 DA	1103-2¾ 810 (900-2¾)			
RNP 0.30 DA	1140-3 847 (900-3)			

AUTHORIZATION REQUIRED

PAC, 15 JUN 2023 to 10 AUG 2023

PAC, 15 JUN 2023 to 10 AUG 2023

APP CRS	Rwy ldg	12014
243°	TDZE	305
	Apt Elev	305

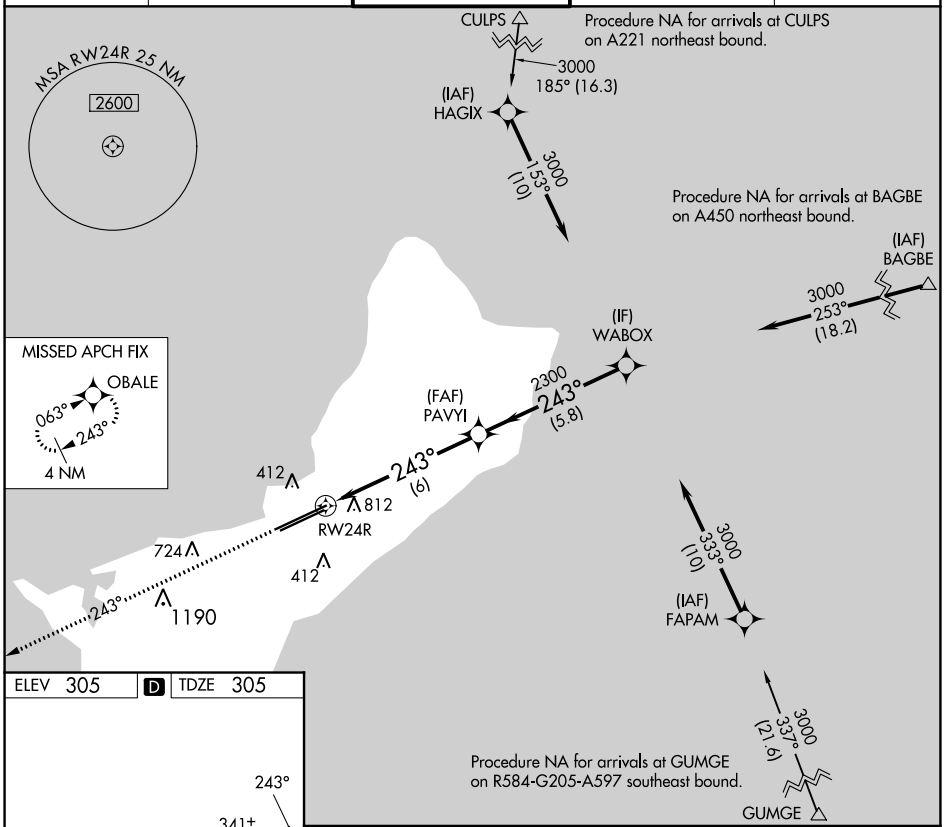
RNAV (RNP) Z RWY 24R

GUAM INTL (GUM)(PGUM)

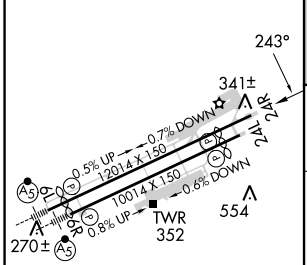
GPS required. For uncompensated Baro-VNAV systems, procedure NA below 22°C (72°F) or above 52°C (127°F).

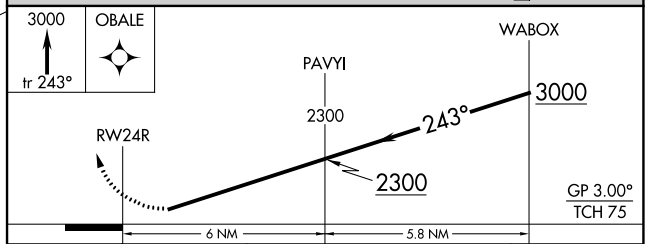
MISSED APPROACH: Climb to 3000 on track 243° to OBALE and hold.

ATIS	GUAM CERAP	AGANA TOWER	GND CON	CLNC DEL
119.0	119.8 269.0	118.1 340.2	121.9 336.4	121.9



ELEV 305 | D | TDZE 305





CATEGORY	A	B	C	D
RNP 0.24 DA	1014-2½ 709 (800-2½)			
RNP 0.30 DA	1072-2½ 767 (800-2½)			

AUTHORIZATION REQUIRED

HIRL all Rwys

PAC, 15 JUN 2023 to 10 AUG 2023

PAC, 15 JUN 2023 to 10 AUG 2023

APP CRS	Rwy ldg	11014
063°	TDZE	256
	Apt Elev	298

RNAV (RNP) Z RWY 6L

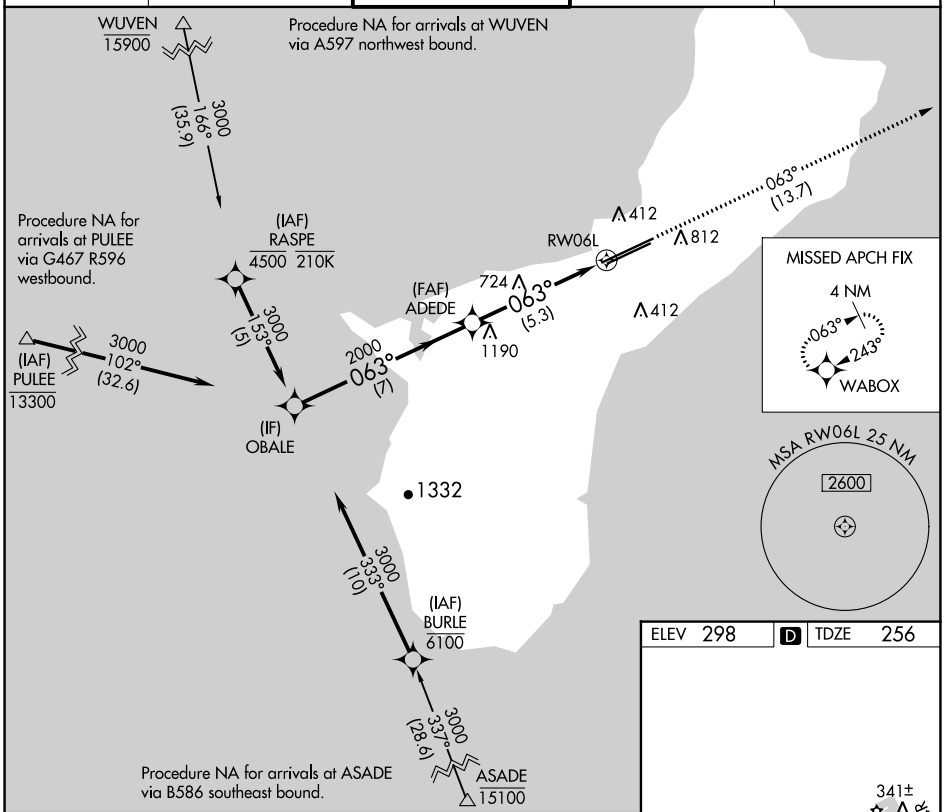
GUAM INTL (GUM)(PGUM)

For uncompensated Baro-VNAV systems, procedure NA below 19°C (66°F) or above 48°C (119°F). GPS required. For inoperative MALSR, increase RNP 0.30* visibility to 1 mile and RNP 0.30 visibility to 1½ mile.
*Missed approach requires a minimum climb of 276 feet per NM to 1400.

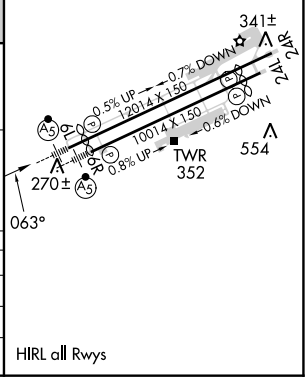
MALSR

MISSED APPROACH: Climb to 3000 via track 063° to WABOX and hold.

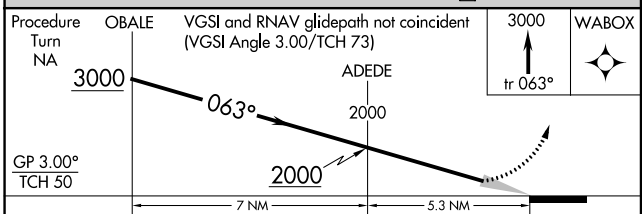
ATIS	GUAM CERAP	AGANA TOWER	GND CON	CLNC DEL
119.0	119.8 269.0	118.1 340.2	121.9 336.4	121.9



ELEV 298 | D | TDZE 256



HIRL all Rwys



CATEGORY	A	B	C	D
RNP 0.30* DA	511-½ 255 (300-½)			
RNP 0.30 DA	656-1 400 (400-1)			

AUTHORIZATION REQUIRED

PAC, 15 JUN 2023 to 10 AUG 2023

APP CRS	Rwy ldg	10014
063°	TDZE	258
	Apt Elev	298

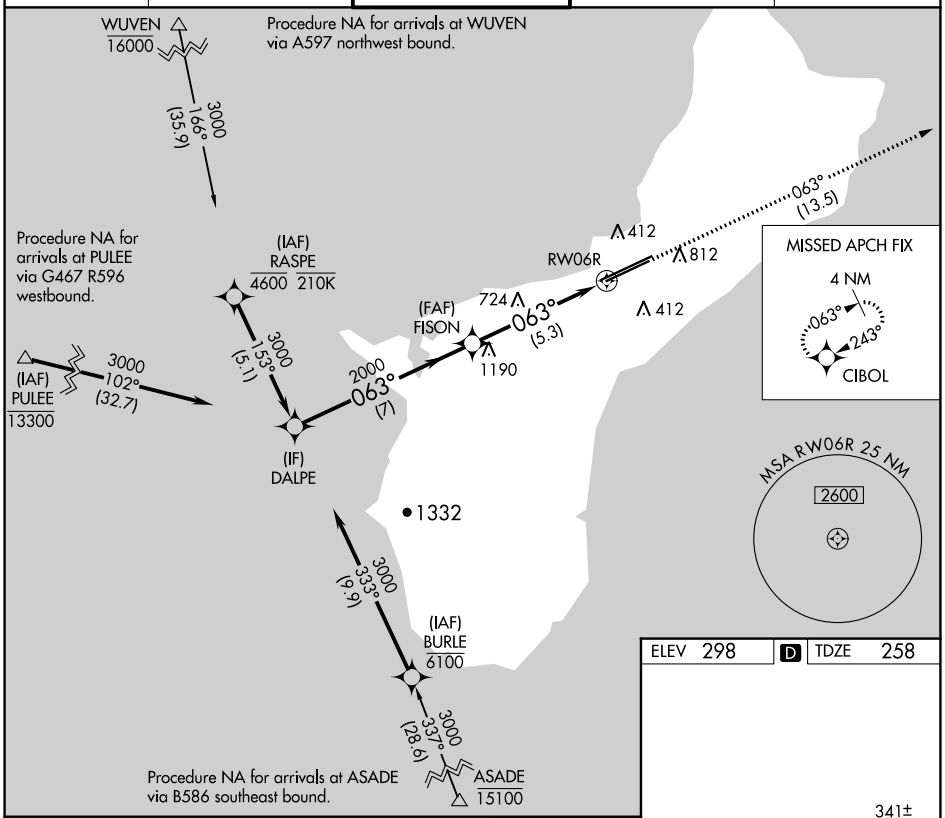
RNAV (RNP) Z RWY 6R
GUAM INTL (GUM)(PGUM)

For uncompensated Baro-VNAV systems, procedure NA below 19°C (66°F) or above 48°C (119°F). GPS required.
*Missed approach requires a minimum climb of 285 feet per NM to 1400.

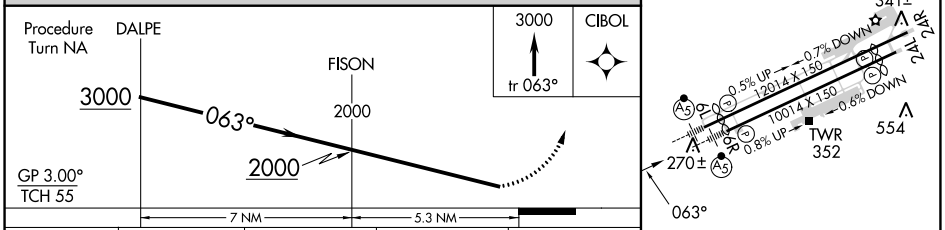
MALSR

MISSED APPROACH: Climb to 3000 via track 063° to CIBOL and hold.

ATIS	GUAM CERAP	AGANA TOWER	GND CON	CLNC DEL
119.0	119.8 269.0	118.1 340.2	121.9 336.4	121.9



ELEV	298	D	TDZE	258



CATEGORY	A	B	C	D
RNP 0.30* DA	508-½ 250 (300-½)			
RNP 0.30 DA	656-1 398 (400-1)			

AUTHORIZATION REQUIRED

HIRL all Rwys

PAC, 15 JUN 2023 to 10 AUG 2023

PAC, 15 JUN 2023 to 10 AUG 2023

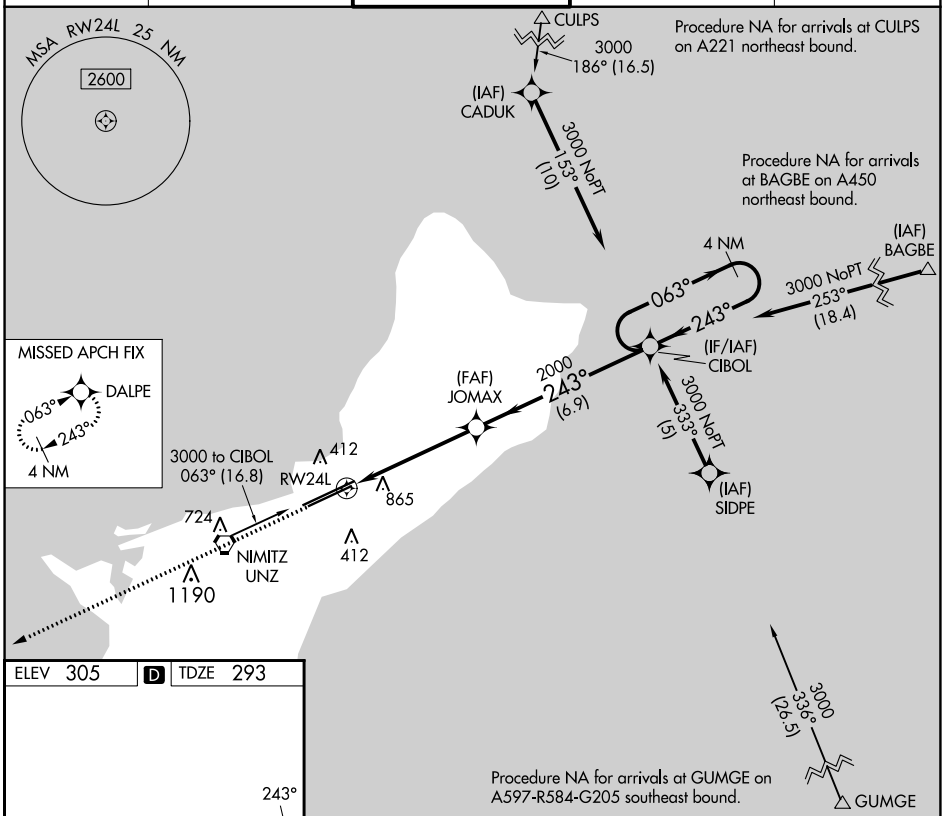
APP CRS	Rwy ldg	8710
243°	TDZE	293
	Apt Elev	305

RNAV (GPS) Y RWY 24L
GUAM INTL (GUM)(PGUM)

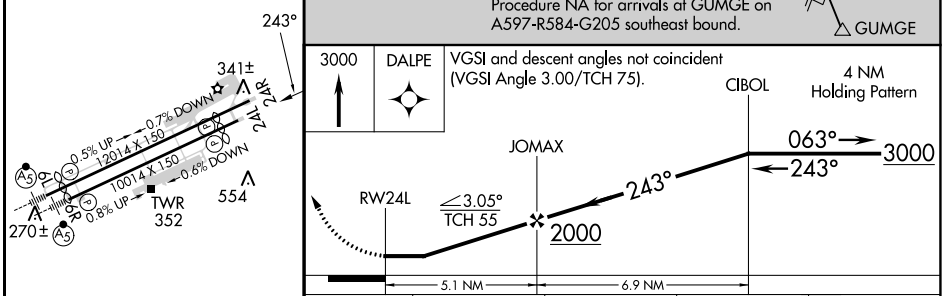
Circling NA southeast of Rwy 6R-24L.
Rwy 24L helicopter visibility reduction below ¾ SM NA.
DME/DME RNP-0.3 NA.

MISSED APPROACH: Climb to 3000 direct DALPE and hold.

ATIS	GUAM CERAP	AGANA TOWER	GND CON	CLNC DEL
119.0	119.8 269.0	118.1 340.2	121.9 336.4	121.9



ELEV 305 | D | TDZE 293



CATEGORY	A	B	C	D
LNAV MDA	1180-1¼ 887 (900-1¼)		1180-2¾ 887 (900-2¾)	1180-3 887 (900-3)
C CIRCLING	1180-1¼ 875 (900-1¼)		1180-2¾ 875 (900-2¾)	1180-3 875 (900-3)

HIRL all Rwys

PAC, 15 JUN 2023 to 10 AUG 2023

PAC, 15 JUN 2023 to 10 AUG 2023

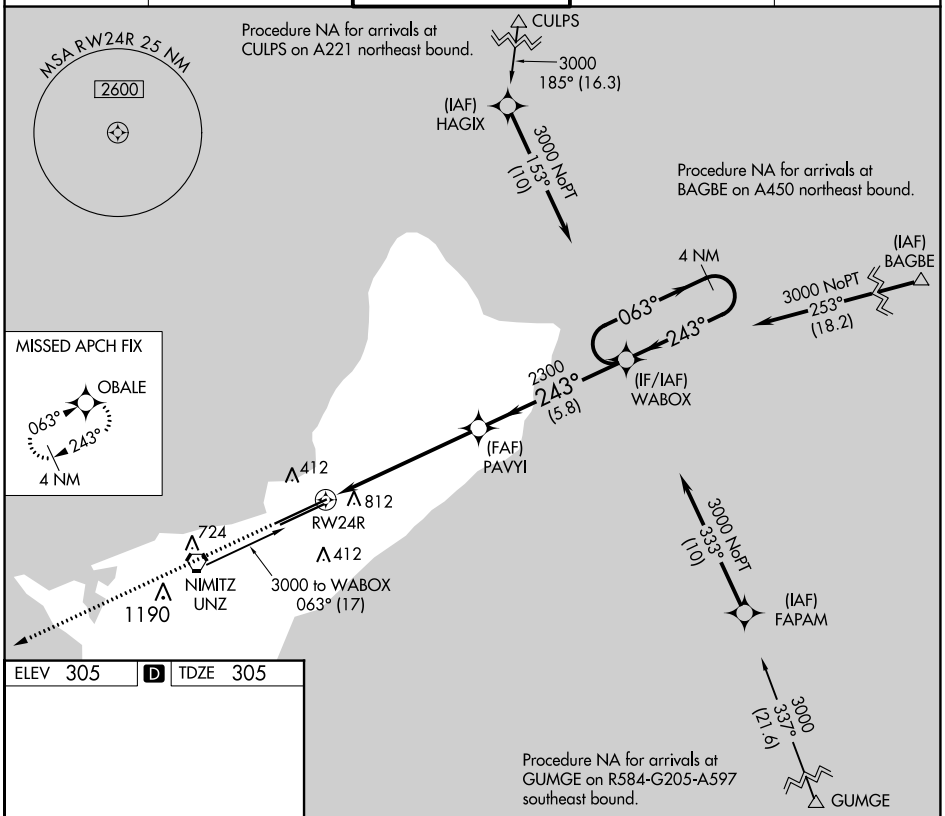
APP CRS	Rwy ldg	12014
243°	TDZE	305
	Apt Elev	305

RNAV (GPS) Y RWY 24R
GUAM INTL (GUM)(PGUM)

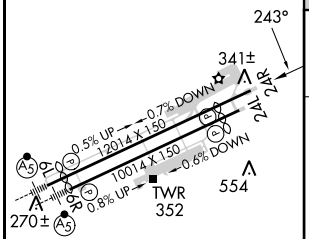
T DME/DME RNP-0.3 NA.
Circling NA southeast of Rwy 6R-24L.
Rwy 24R helicopter visibility reduction below ¾ SM NA.

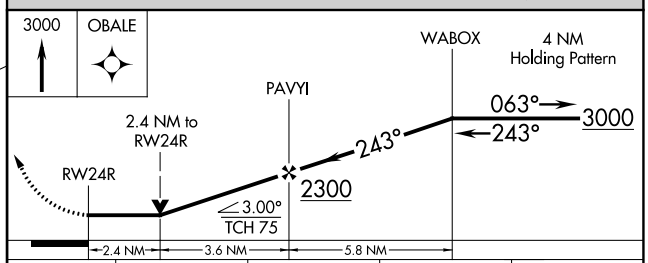
MISSED APPROACH: Climb to 3000 direct OBALE and hold.

ATIS	GUAM CERAP	AGANA TOWER	GND CON	CLNC DEL
119.0	119.8 269.0	118.1 340.2	121.9 336.4	121.9



ELEV 305 | D | TDZE 305





CATEGORY	A	B	C	D
LNAV MDA	1160-1 855 (900-1)	1160-1¼ 855 (900-1¼)	1160-2½ 855 (900-2½)	
C CIRCLING	1160-1¼ 855 (900-1¼)		1160-2½ 855 (900-2½)	1160-2¾ 855 (900-2¾)

HIRL all Rwys

PAC, 15 JUN 2023 to 10 AUG 2023

PAC, 15 JUN 2023 to 10 AUG 2023

APP CRS	Rwy ldg	11014
063°	TDZE	256
	Apt Elev	305

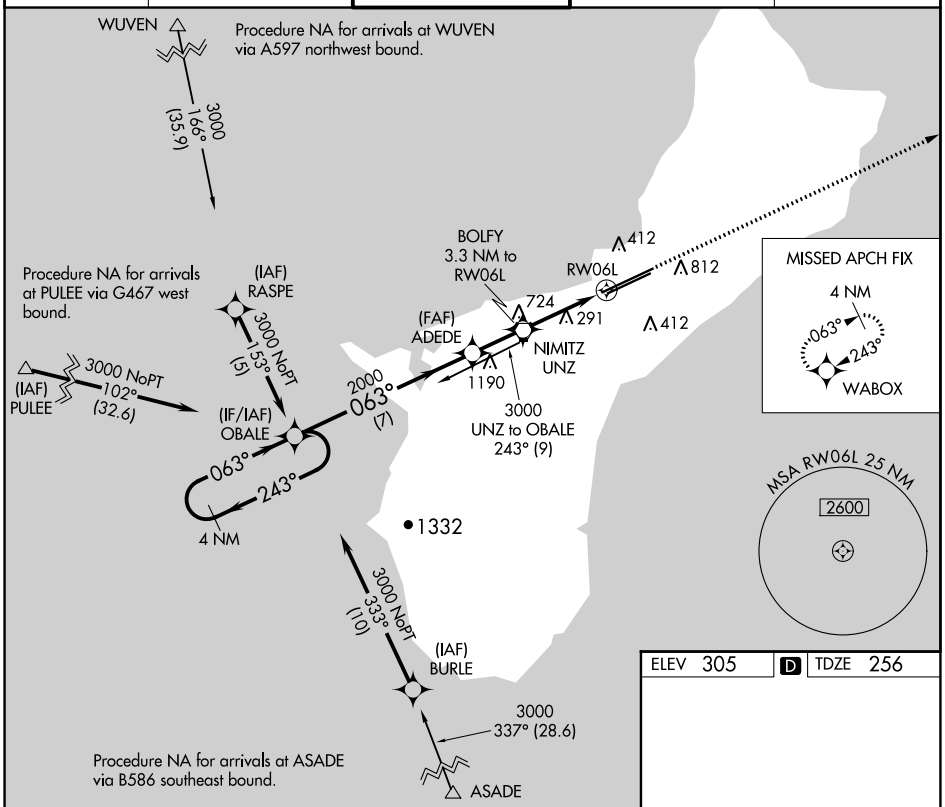
RNAV (GPS) Y RWY 6L
GUAM INTL (GUM)(PGUM)

Circling NA southeast of Rwy 6R-24L.
DME/DME RNP-0.3 NA.
For inop ALS, increase Cat C/D visibility to 1⅜ SM.

MALSR

MISSED APPROACH: Climb to 3000 direct WABOX and hold.

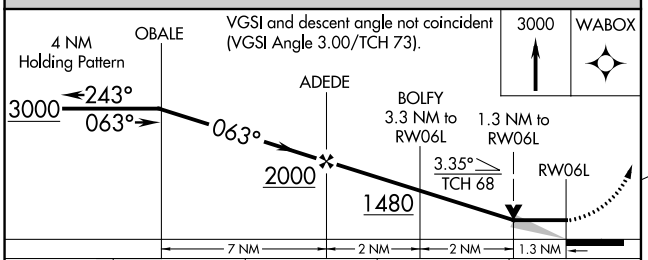
ATIS	GUAM CERAP	AGANA TOWER	GND CON	CLNC DEL
119.0	119.8 269.0	118.1 340.2	121.9 336.4	121.9

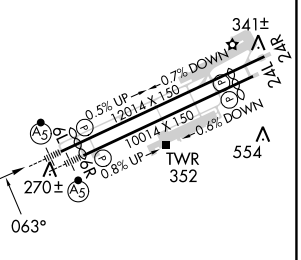


ELEV 305 | D | TDZE 256

VGSI and descent angle not coincident (VGSI Angle 3.00/TCH 73).

3000 | WABOX





CATEGORY	A	B	C	D
LNAV MDA	720-½ 464 (500-½)		720-1 464 (500-1)	
C CIRCLING	860-1 555 (600-1)		940-1¾ 635 (700-1¾)	1140-2¾ 835 (900-2¾)

HIRL all Rwys

PAC, 15 JUN 2023 to 10 AUG 2023

PAC, 15 JUN 2023 to 10 AUG 2023

APP CRS	Rwy ldg	10014
063°	TDZE	258
	Apt Elev	305

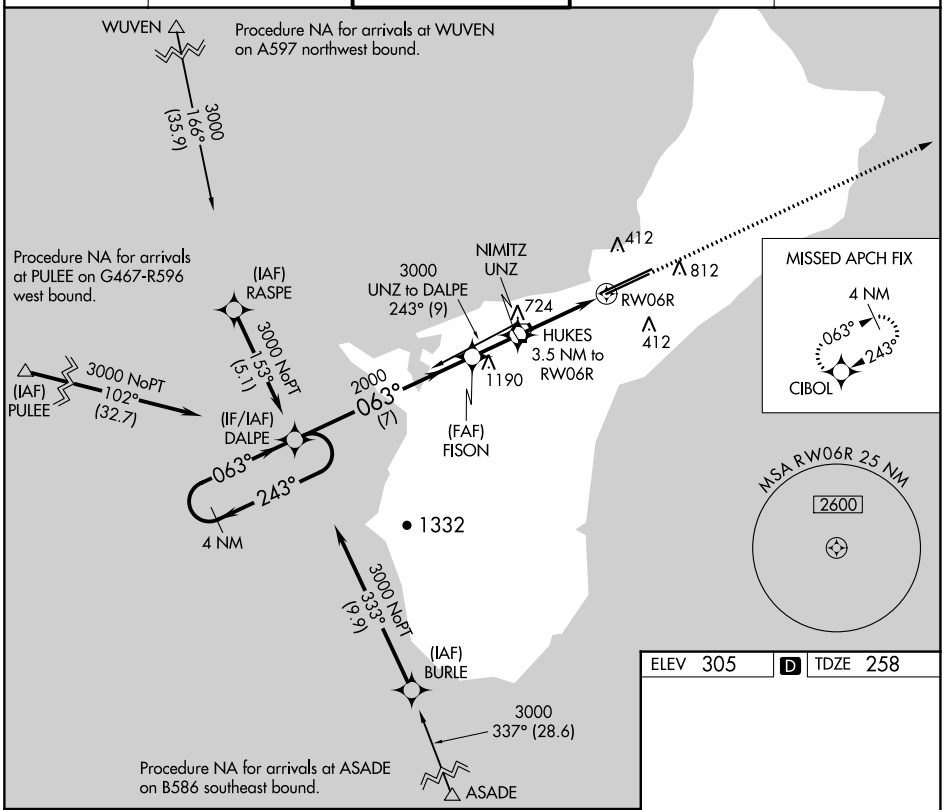
RNAV (GPS) Y RWY 6R
GUAM INTL (GUM)(PGUM)

Rwy 6R helicopter visibility reduction reduction below ¾ SM NA. DME/DME RNP-0.3 NA. For inop ALS, increase Cat A/B visibility to 1 SM, and Cat C/D to 2 SM. Circling NA southeast of Rwy 6R-24L.

MALSR

MISSED APPROACH: Climb to 3000 direct CIBOL and hold.

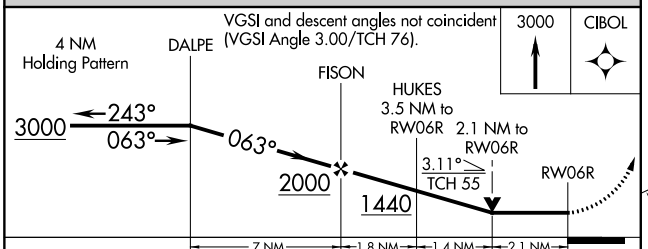
ATIS	GUAM CERAP	AGANA TOWER	GND CON	CLNC DEL
119.0	119.8 269.0	118.1 340.2	121.9 336.4	121.9

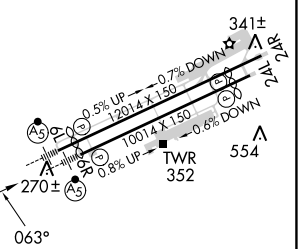


ELEV 305 | D | TDZE 258

VGSI and descent angles not coincident (VGSI Angle 3.00/TCH 76).

3000 | CIBOL





CATEGORY	A	B	C	D
LNAV MDA	980-¾ 722 (700-¾)		980-1⅝ 722 (700-1⅝)	
C CIRCLING	980-1 675 (700-1)		980-2 675 (700-2)	1140-2¾ 835 (900-2¾)

HIRL all Rwys

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VOR or TACAN RWY 24R

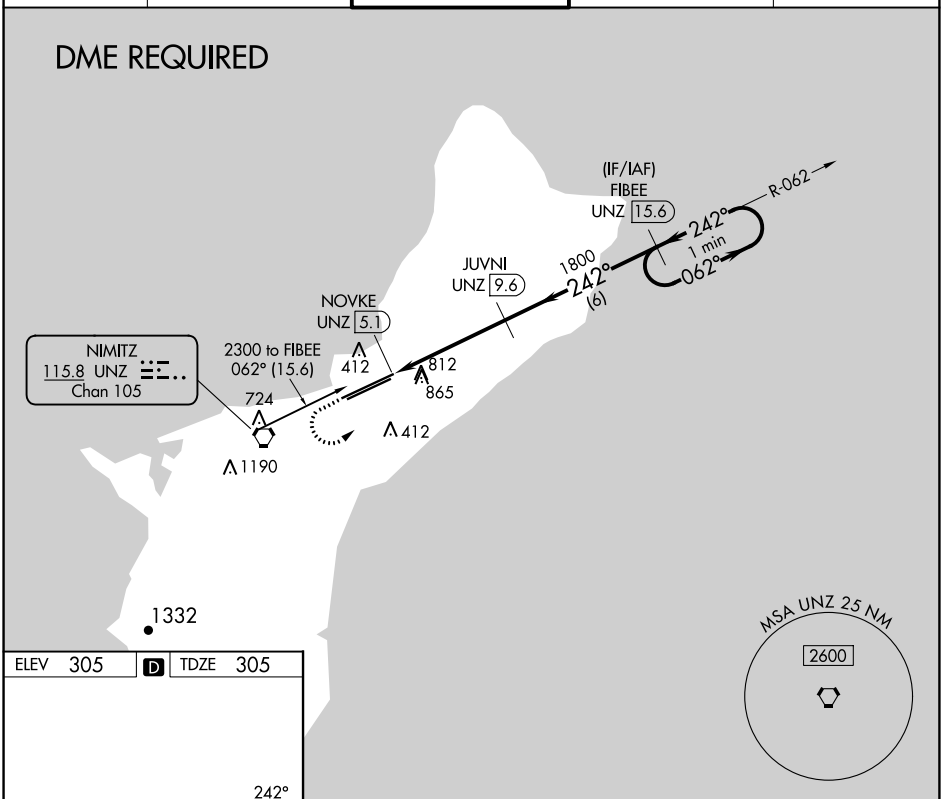
GUAM INTL (GUM)(PGUM)

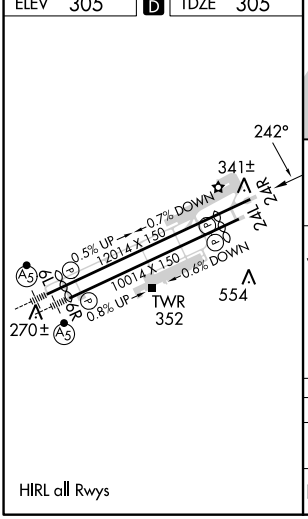
VORTAC UNZ	APP CRS	Rwy ldg	12014
115.8	242°	TDZE	305
Chan 105		Apt Elev	305

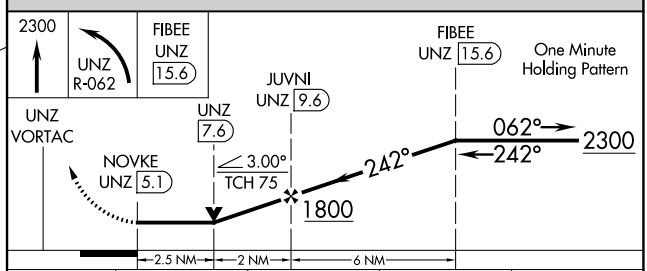
Circling NA southeast of Rwy 6R-24L.
Rwy 24R helicopter visibility reduction below ¾ SM NA.

MISSED APPROACH: Climb to 2300 then left turn on UNZ VORTAC R-062 to FIBEE/UNZ 15.6 DME and hold.

ATIS	GUAM CERAP	AGANA TOWER	GND CON	CLNC DEL
119.0	119.8 269.0	118.1 340.2	121.9 336.4	121.9







CATEGORY	A	B	C	D
S-24R	1180-1 875 (900-1)	1180-1¼ 875 (900-1¼)	1180-2½	875 (900-2½)
C CIRCLING	1180-1¼	875 (900-1¼)	1180-2½ 875 (900-2½)	1180-2¾ 875 (900-2¾)

HIRL all Rwys

PAC, 15 JUN 2023 to 10 AUG 2023

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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	**600-2**	**800-2**
▲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

BABELTHUAP/
KOROR (ROR) (PTOR)…..……**NDB Rwy 9**[1]
RNAV (GPS) Rwy 9
RNAV (GPS) Rwy 27
NA except standard for operators with approved weather reporting service.
[1]Categories A, B, 900-2; Category C, 900-2½; Category D, 900-2¾.

GUAM, GU

GUAM
INTL (GUM) (PGUM)……..…**ILS or LOC Rwy 6L**[1]
ILS or LOC Rwy 6R[1]
RNAV (GPS) Y Rwy 6L[2]
RNAV (GPS) Y Rwy 6R[2]
RNAV (GPS) Y Rwy 24L[3]
RNAV (RNP) Z Rwy 24L[4]
RNAV (RNP) Z Rwy 24R[5]
VOR or TACAN Rwy 24R[6]
[1]LOC, Categories A, B, 1200-2; Categories C, D, 1200-3.
[2]Category D, 900-2¾.
[3]Categories A, B, 900-2; Category C, 900-2¾; Category D, 900-3.
[4]Categories A, B, C, D, 900-3.
[5]Categories A, B, C, D, 800-2½.
[6]Categories A, B, 900-2; Category C, 900-2½; Category D, 900-2¾.

NAME ALTERNATE MINIMUMS

HANA, HI

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

HILO, HI

HILO INTL (ITO) (PHTO)……**ILS or LOC Rwy 26**[12]
RNAV (GPS) Rwy 21[3]
RNAV (GPS) Rwy 26[3]
VOR-B[3]
VOR/DME or TACAN Rwy 26[3]
VOR/DME or TACAN-A[3]
[1]NA when control tower closed.
[2]LOC, Category C, 900-2¼; Category D, 1300-3.
[3]Category C, 900-2¼; Category D, 1300-3.

NAME ALTERNATE MINIMUMS

HONOLULU, HI

DANIEL K INOUYE
INTL (HNL) (PHNL)……..……**LOC Rwy 4R[1]**
LOC Rwy 8L[1]
RNAV (GPS) Rwy 4L[2]
RNAV (GPS) Rwy 8R[3]
RNAV (GPS) Y Rwy 4R[4]
RNAV (GPS) Y Rwy 8L[5]
VOR or TACAN Rwy 4R[6]
VOR or TACAN-A[1]
VOR or TACAN-B[1]

[1]Category C, 800-2¼; Category D, 1400-3.
[2]Category C, 900-2¼; Category D, 1400-3; Category E, 2000-3.
[3]Category C, 900-2¼; Category D, 1400-3; Category E, 2100-3.
[4]Category D, 1300-3.
[5]Category C, 900-2¼; Category D, 1300-3.
[6]Category C, 900-2¼; Category D, 1400-3.

KAHULUI, HI

KAHULUI (OGG) (PHOG)...**ILS Y or LOC Y Rwy 2[12]**
ILS Z or LOC Z Rwy 2[12]
NDB Rwy 2[13]
RNAV (GPS) Rwy 20[4]
RNAV (GPS) Rwy 23[5]
RNAV (GPS) Y Rwy 2[46]
VOR Y Rwy 20[4]
VOR Z or TACAN Rwy 20[4]

[1]NA when control tower closed.
[2]LOC, Category D, 1100-3; Category E, 1700-3.
[3]Category C, 800-2½; Category D, 1200-3.
[4]Category D, 1100-3.
[5]Category D, 1200-3.
[6]NA when local weather not available.

KAILUA/KONA, HI

ELLISON ONIZUKA KONA INTL AT
KEAHOLE (KOA) (PHKO)……**ILS or LOC Rwy 17[1]**
LOC BC Rwy 35[2]
RNAV (GPS) Rwy 35[2]
RNAV (GPS) Y Rwy 17[2]
VOR or TACAN Rwy 17[2]
VOR or TACAN Rwy 35[2]

[1]NA when control tower closed.
[2]NA when local weather not available.

KAPOLEI, OAHU ISLAND, HI

KALAELOA (JOHN RODGERS
FLD) (JRF) (PHJR)……..…….....**NDB Rwy 4R[1]**
RNAV (GPS) Rwy 4R[2]

[1]Category C, 800-2¼; Category D, 800-2½.
[2]NA when local weather not available.

KAUNAKAKAI, HI

MOLOKAI (MKK) (PHMK)……...**RNAV (GPS)-B[12]**
VOR or TACAN-A[3]

[1]NA when local weather not available.
[2]Category C, 1200-3; Category D, 1500-3.
[3]Categories A, B, 1500-2; Categories C, D, 1500-3.

NAME ALTERNATE MINIMUMS

KOSRAE, FM

KOSRAE (TTK) (PTSA)……..**RNAV (GPS) Rwy 5[1]**
RNAV (GPS) Rwy 23[2]

[1]NA except standard for operators with approved weather reporting service.
[2]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[12]**
VOR or TACAN or GPS-A[3]

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

LIHUE, HI

LIHUE (LIH) (PHLI)……..**ILS or LOC Rwy 35[1]**
RNAV (GPS) Rwy 17[23]
RNAV (GPS) Y Rwy 21[23]
RNAV (GPS) Y Rwy 35[4]
RNAV (RNP) Z Rwy 21[5]
VOR or TACAN Rwy 21[2]

[1]NA when control tower closed.
[2]NA when local weather not available.
[3]Categories C, D, 800-2½.
[4]Category C, 800-2¼; Category D, 800-2½.
[5]RNP 0.30, Categories A, B, C, D, 1000-4.
[6]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[1]**
RNAV (GPS) Rwy 5[2]
RNAV (GPS) Rwy 23[2]
VOR or TACAN-B[2]

[1]ILS, Categories A, B, C, D, 900-2; LOC, Category C, 800-2½; Category D, 900-2¾.
[2]Category C, 800-2¼; Category D, 900-2¾.

POHNPEI ISLAND, FM

POHNPEI INTL (PNI) (PTPN)……..…**NDB-A[1]**
RNAV (GPS) Rwy 27[2]
RNAV (GPS) X Rwy 9[1]
RNAV (RNP) Y Rwy 9[3]

[1]Categories A, B, 1000-2; Categories C, D, 1000-3.
[2]Category D, 800-2¼.
[3]Categories A, B, C, D, 1000-4.

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NAME ALTERNATE MINIMUMS NAME ALTERNATE MINIMUMS

ROTA ISLAND, CQ

BENJAMIN TAISACAN MANGLONA
INTL (GRO) (PGRO)……..…..**RNAV (GPS) Rwy 9**
RNAV (GPS) Rwy 27
NDB Rwy 9[1]
NDB Rwy 27
NA except standard for operators with approved weather reporting service.
[1]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.

TINIAN ISLAND, CQ

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[1]**
NDB Rwy 22[23]
RNAV (GPS) Rwy 4[24]
RNAV (GPS) Rwy 22[25]
[1]NA except for operators with approved weather reporting service. Categories A, B, C, D, 800-2½.
[2]NA except standard for operators with approved weather reporting service.
[3]Categories C, D, 800-2½.
[4]Categories A, B, C, D, 800-3.
[5]Categories A, B, 900-2; Category C, 900-2½; Category D, 900-2¾.

YAP ISLAND, FM

YAP INTL (T11) (PTYA)…..……...**NDB Rwy 7[1]**
NDB Rwy 25[2]
NDB/DME Rwy 25[2]
[1]Category D, 800-2¼;
[2]Categories A, B, 1000-2; Categories C, D, 1000-3.

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IFR TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

Civil Airports and Selected Military Airports

ALL USERS: Airports that have Departure Procedures (DPs) designed specifically to assist pilots in avoiding obstacles during the climb to the minimum enroute altitude, and/or airports that have civil IFR takeoff minimums other than standard, are listed below. Takeoff Minimums and Departure Procedures apply to all runways unless otherwise specified. An entry may also be listed that contains only Takeoff Obstacle Notes. Altitudes, unless otherwise indicated, are minimum altitudes in MSL.

DPs specifically designed for obstacle avoidance are referred to as Obstacle Departure Procedures (ODPs) and are textually described below, or published separately as a graphic procedure. If the ODP is published as a graphic procedure, its name will be listed below, and it can be found in either this volume (civil), or the applicable military volume, as appropriate. Users will recognize graphic obstacle DPs by the term "(OBSTACLE)" included in the procedure title; e.g., TETON TWO (OBSTACLE). If not specifically assigned an ODP, SID, or RADAR vector as part of an IFR clearance, an ODP may be required to be flown for obstacle clearance, even though not specifically stated in the IFR clearance. When doing so in this manner, ATC should be informed when the ODP being used contains a specified route to be flown, restrictions before turning, and/or altitude restrictions.

Some ODPs, which are established solely for obstacle avoidance, require a climb in visual conditions to cross the airport, a fix, or a NAVAID in a specified direction, at or above a specified altitude. These procedures are called Visual Climb Over Airport (VCOA). To ensure safe and efficient operations, the pilot must verbally request approval from ATC to fly the VCOA when requesting their IFR clearance.

At some locations where an ODP has been established, a diverse vector area (DVA) may be created to allow RADAR vectors to be used in lieu of an ODP. DVA information will state that headings will be as assigned by ATC and climb gradients, when applicable, will be published immediately following the specified departure procedure.

Graphic DPs designed by ATC to standardize traffic flows, ensure aircraft separation and enhance capacity are referred to as "Standard Instrument Departures (SIDs)". SIDs also provide obstacle clearance and are published under the appropriate airport section. ATC clearance must be received prior to flying a SID.

CIVIL USERS NOTE: Title 14 Code of Federal Regulations Part 91 prescribes standard takeoff rules and establishes takeoff minimums for certain operators as follows: (1) For aircraft, other than helicopters, having two engines or less – one statute mile visibility. (2) For aircraft having more than two engines – one-half statute mile visibility. (3) For helicopters – one-half statute mile visibility. These standard minima apply in the absence of any different minima listed below.

MILITARY USERS NOTE: Civil (nonstandard) takeoff minima are published below. For military takeoff minima, refer to appropriate service directives.

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BABELTHUAP ISLAND, PW

BABELTHUAP/KOROR (ROR) (PTRO)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 2 31DEC09 (21224) (FAA)

TAKEOFF MINIMUMS:

Rwy 27, 300-1⅛ or std. w/min. climb of 320' per NM to 500.

DEPARTURE PROCEDURE:

Rwy 27, climb on heading 271° to 600 before turning right.

TAKEOFF OBSTACLE NOTES:

Rwy 9, trees beginning 19' from DER, 317' right of centerline, up to 26' AGL/188' MSL.
Tree 89' from DER, 271' left of centerline, 178' MSL.
Vegetation, trees beginning 107' from DER, 131' left of centerline, up to 187' MSL.
Tree 390' from DER, 320' right of centerline, 34' AGL/191' MSL.
Rwy 27, trees beginning 23' from DER, 296' right of centerline, up to 17' AGL/180' MSL.
Tree 238' from DER, 382' right of centerline, 184' MSL.
Trees beginning 439' from DER, 372' right of centerline, up to 46' AGL/206' MSL.
Tree 824' from DER, 465' left of centerline, 47' AGL/205' MSL.
Tree 1757' from DER, 258' right of centerline, 232' MSL.
Trees beginning 4512' from DER, 486' right of centerline, up to 356' MSL.
Tree 5708' from DER, 652' right of centerline, 43' AGL/371' MSL.
Tree 5736' from DER, 670' right of centerline, 363' MSL

GUAM, GU

GUAM INTL (GUM) (PGUM)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 1A 17JUN21 (21168) (FAA)

TAKEOFF MINIMUMS:

Rwy 6L, 400-1¾ or std. w/min. climb of 450' per NM to 800.
Rwy 6R, 400-1¾ or std. w/min. climb of 520' per NM to 900.
Rwy 24L, std. w/min. climb of 280' per NM to 1700.
Rwy 24R, std. w/min. climb of 286' per NM to 1700.

DEPARTURE PROCEDURE:

Rwys 6L/R, climb on heading 063° to 1100 before proceeding on course.

TAKEOFF OBSTACLE NOTES:

Rwy 6L, terrain abeam DER, 472' right of centerline, 307' MSL.
Vegetation 160' from DER, 366' left of centerline, 312' MSL.
Terrain 186' from DER, 304' right of centerline, 313' MSL.
Terrain 196' from DER, 446' right of centerline, 315' MSL.
Terrain 378' from DER, 333' left of centerline, 317' MSL.
Terrain beginning 426' from DER, 374' right of centerline, up to 326' MSL.
Trees beginning 467' from DER, 387' left of centerline, up to 348' MSL.
Terrain beginning 611' from DER, 430' right of centerline, up to 336' MSL.
Trees beginning 712' from DER, 377' left of centerline, up to 371' MSL.
Terrain beginning 768' from DER, 472' right of centerline, up to 344' MSL.
Fence, terrain beginning 885' from DER, 468' right of centerline, up to 358' MSL.
Trees beginning 1052' from DER, 490' left of centerline, up to 374' MSL.
Pole, fence beginning 1074' from DER, 617' right of centerline, up to 12' AGL/360' MSL.
Tree, pole, fence beginning 1194' from DER, 493' right of centerline, up to 385' MSL.
Trees beginning 1233' from DER, 411' left of centerline, up to 376' MSL.
Tree, pole, fence beginning 1328' from DER, 376' right of centerline, up to 390' MSL.
Trees beginning 1435' from DER, 613' left of centerline, up to 388' MSL.
Tree, fence beginning 1524' from DER, 533' right of centerline, up to 395' MSL.
Tree, fence, pole, building, terrain beginning 1570' from DER, 71' right of centerline, up to 397' MSL.
Tree, terrain beginning 1667' from DER, 79' left of centerline, up to 400' MSL.
Tree, terrain beginning 1879' from DER, 73' left of centerline, up to 401' MSL.
Tree, terrain, building, fence beginning 1986' from DER, 68' right of centerline, up to 413' MSL.
Tree, building, fence, pole beginning 2057' from DER, 340' right of centerline, up to 423' MSL.
Trees beginning 2123' from DER, 329' left of centerline, up to 405' MSL.
Trees beginning 2236' from DER, 334' left of centerline, up to 409' MSL.
Tree, building, fence, pole beginning 2306' from DER, 343' right of centerline, up to 431' MSL.
Trees beginning 2479' from DER, 359' left of centerline, up to 414' MSL.
Trees beginning 2702' from DER, 375' left of centerline, up to 419' MSL.
Tree, building, fence, pole beginning 2786' from DER, 367' right of centerline, up to 433' MSL.
Tree 2898' from DER, 1153' right of centerline, 435' MSL.
Tree, building beginning 2918' from DER, 497' right of centerline, up to 437' MSL.
Trees beginning 2920' from DER, 370' left of centerline, up to 427' MSL.
Pole, tree, building, fence, vehicle on road, tank, vegetation, rig beginning 2933' from DER, 2 ' right of centerline, up to 67' AGL/469' MSL.
Tree, vegetation, pole beginning 3137' from DER, 15' left of centerline, up to 434' MSL.
Pole, tree beginning 3771' from DER, 22' left of centerline, up to 86' AGL/436' MSL.
Tree, fence, pole, building beginning 4888' from DER, 1023' right of centerline, up to 471' MSL.
Tree, pole beginning 5042' from DER, 255' right of centerline, up to 481' MSL.
Pole, tree beginning 5206' from DER, 266' right of centerline, up to 34' AGL/516' MSL.
Tree, building beginning 5494' from DER, 378' right of centerline, up to 522' MSL.
Tree, pole beginning 5732' from DER, 1535' right of centerline, up to 555' MSL.
Tree, building beginning 5924' from DER, 1631' right of centerline, up to 559' MSL.
Trees beginning 1 NM from DER, 1820' right of centerline, up to 567' MSL.
Trees beginning 1.1 NM from DER, 697' right of centerline, up to 616' MSL.
Tree 1.4 NM from DER, 1777' right of centerline, 534' MSL.

Rwy 6R, lighting 10' from DER, 160' left of centerline, 1' AGL/303' MSL.
Sign 60' from DER, 280' left of centerline, 3' AGL/304' MSL.
Trees beginning 140' from DER, 460' right of centerline, up to 378' MSL.
Trees beginning 725' from DER, 465' right of centerline, up to 384' MSL.
Tree, pole beginning 952' from DER, 276' right of centerline, up to 390' MSL.
Trees beginning 1080' from DER, 449' right of centerline, up to 407' MSL.
Trees beginning 1279' from DER, 471' right of centerline, up to 410' MSL.
Trees beginning 1472' from DER, 539' right of centerline, up to 411' MSL.
Tree 1637' from DER, 723' right of centerline, 421' MSL.
Tree, fence, pole, building, terrain beginning 1653' from DER, on centerline, up to 423' MSL.
Fence beginning 1885' from DER, 27' left of centerline, up to 9' AGL/358' MSL.
Pole, fence beginning 2074' from DER, 21' left of centerline, up to 12' AGL/360' MSL.
Tree, pole, fence beginning 2194' from DER, 12' left of centerline, up to 385' MSL.
Tree, pole, fence beginning 2328' from DER, 2' left of centerline, up to 390' MSL.
Tree 2524' from DER, 166' left of centerline, 395' MSL.
Tree, fence beginning 2570' from DER, 10' left of centerline, up to 397' MSL.
Building, fence, tree, pole beginning 3076' from DER, 45' right of centerline, up to 20' AGL/426' MSL.

CON'T

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GUAM, GU (CON'T)

GUAM INTL (GUM) (PGUM)(CON'T)

Rwy 6R (CON'T), tree 3200' from DER, 1029' left of centerline, 398' MSL.
Building, fence, tree, pole beginning 3208' from DER, 57' right of centerline, up to 29' AGL/435' MSL.
Tree, fence beginning 3214' from DER, 1' left of centerline, up to 405' MSL.
Tree, building beginning 3297' from DER, 135' right of centerline, up to 437' MSL.
Tree 3343' from DER, 1034' left of centerline, 409' MSL.
Pole, building, fence, tree beginning 3360' from DER, 4' right of centerline, up to 76 ' AGL/482' MSL.
Trees beginning 3431' from DER, 220' left of centerline, up to 415' MSL.
Trees beginning 3525' from DER, 60' left of centerline, up to 417' MSL.
Pole, building, tree, fence, vehicle on road, tank beginning 3571' from DER, 19' right of centerline, up to 81' AGL/486' MSL.
Tree 3609' from DER, 339' left of centerline, 421' MSL.
Trees beginning 3616' from DER, 57' left of centerline, up to 425' MSL.
Trees beginning 3920' from DER, 69' left of centerline, up to 427' MSL.
Trees beginning 4039' from DER, 37' left of centerline, up to 432' MSL.
Trees beginning 4137' from DER, 65' left of centerline, up to 434' MSL.
Tree, tank, building, pole, vehicle on road beginning 4403' from DER, 55' right of centerline, up to 487' MSL.
Tree, pole beginning 4427' from DER, 42' left of centerline, up to 446' MSL.
Tree, building beginning 4606' from DER, 292' right of centerline, up to 501' MSL.
Tree, building, pole beginning 4676' from DER, 152' right of centerline, up to 514' MSL.
Tree, pole, building beginning 4868' from DER, 63' right of centerline, up to 534' MSL.
Tree, building, pole beginning 5057' from DER, 647' right of centerline, up to 548' MSL.
Tree, building beginning 5287' from DER, 54' right of centerline, up to 556' MSL.
Tree, pole, building beginning 5502' from DER, 581' right of centerline, up to 569' MSL.
Tree, pole beginning 5680' from DER, 643' right of centerline, up to 611' MSL.
Trees beginning 5814' from DER, 698' right of centerline, up to 636' MSL.
Trees beginning 5965' from DER, 616' right of centerline, up to 660' MSL.
Building, pole, tree beginning 1 NM from DER, 488' right of centerline, up to 89' AGL/700' MSL.
Tree 1.4 NM from DER, 2200' right of centerline, 521' MSL.
Rwy 24L, lighting 10' from DER, 84' right of centerline, 2' AGL/233' MSL.
Lighting 11' from DER, 4' left of centerline, 1' AGL/232' MSL.
Sign 58' from DER, 416' right of centerline, 3' AGL/239' MSL.
Tree 1415' from DER, 365' left of centerline, 269' MSL.
Tree 1510' from DER, 405' left of centerline, 270' MSL.
Tree 1578' from DER, 334' left of centerline, 273' MSL.
Rwy 24R, lighting 8' from DER, 2' right of centerline, 2' AGL/235' MSL.

HANA, HI

HANA (HNM) (PHHN)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 01SEP05 (05244) (FAA)

DEPARTURE PROCEDURE:
Use LINDBERG DEPARTURE.

HILO, HI

HILO INTL (ITO) (PHTO)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 6 22DEC05 (05356) (FAA)

DEPARTURE PROCEDURE:
Use PARIS DEPARTURE.

DIVERSE VECTOR AREA (RADAR VECTORS)

AMDT 1 26MAY16 (16147) (FAA)

Rwys 3, 8, heading as assigned by ATC.
Rwy 21, heading as assigned by ATC; requires minimum climb of 300' per NM to 1300.
Rwy 26, heading as assigned by ATC; requires minimum climb of 420' per NM to 2800.

HONOLULU, HI

DANIEL K INOUYE INTL (HNL) (PHNL)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 8B 08NOV18 (18312) (FAA)

DEPARTURE PROCEDURE:
Use HONOLULU DEPARTURE.

TAKEOFF OBSTACLE NOTES:
Rwy 4L, multiple lights beginning 630' from DER, 236' left of centerline, 102' right of centerline, up to 84' AGL/ 92' MSL.
Light on building 669' from DER, 394' left of centerline, 29' AGL/37' MSL.
Stack on building 2488' from DER, 219' right of centerline 72' AGL/80' MSL.
Multiple trees beginning 1253' from DER, 209' left of centerline, 935' right of centerline, up to 64' AGL/72' MSL.
Bush 450' from DER, 234' left of centerline, 14' AGL/ 22' MSL.
Rwy 4R, stack on building, 2442' from DER, 283' left of centerline, 72' AGL/80' MSL.
Multiple trees beginning 1206' from DER, 711' left of centerline, 433' right of centerline, up to 64' AGL/72' MSL.
Multiple lights beginning 1072' from DER, 399' left of centerline, 504' right of centerline, up to 36' AGL/44' MSL.

CON'T

HONOLULU, HI (CON'T)

DANIEL K INOUYE INTL (HNL) (PHNL) (CON'T)

Rwy 4R (CON'T), pole 2110' from DER, 951' left of centerline, 59' AGL/67' MSL.
Rwy 22L, multiple bushes beginning 265' from DER, 396' right of centerline, up to 17' AGL/31' MSL.
Tree 1065' from DER, 499' right of centerline, 30' AGL/38' MSL.
Rwy 22R, rod on OL ASR 1451' from DER, 827' right of centerline, 76' AGL/84' MSL.
Tree 853' from DER, 308' right of centerline, 43' AGL/51' MSL.
Rwy 26L, ship 1.1 NM from DER, on centerline, 208' AGL/208' MSL.
Rwy 26R, multiple light poles beginning 2120' from DER, 813' right of centerline, up to 105' AGL/111' MSL.

DIVERSE VECTOR AREA (RADAR VECTORS)
AMDT 2 25FEB21 (21056) (FAA)

Rwys 4L/R, heading as assigned by ATC; requires min. climb of 490' per NM to 2100, do not exceed 180K until established on assigned heading.
Rwy 8L, heading as assigned by ATC; requires min. climb of 360' per NM to 1700.
Rwy 8R, heading as assigned by ATC; requires min. climb of 305' per NM to 500.
Rwys 22L/R, heading as assigned by ATC; requires min. climb of 320' per NM to 3700.
Rwy 26L, heading as assigned by ATC; requires min. climb of 360' per NM to 3700.
Rwy 26R, heading as assigned by ATC; requires min. climb of 430' per NM to 4400.

KAHULUI, HI

KAHULUI (OGG) (PHOG)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES
AMDT 7 29MAY14 (14149) (FAA)

TAKEOFF MINIMUMS:
Rwy 23, NA-ATC.

DEPARTURE PROCEDURE:
Rwy 2, climb on a heading 316° CW 052° from DER to 10600 before proceeding on course.
Rwy 5, climb on a heading 312° CW 040° from DER to 10700 before proceeding on course.
Rwy 20, climb on heading 185° from DER to 11000 before proceeding on course.

TAKEOFF OBSTACLE NOTES:
Rwy 2, bush and trees beginning 190' from DER, 363' left of centerline, up to 60' AGL/79' MSL.
Bushes and obstruction light on building beginning 339' from DER, 289' right of centerline, up to 20' AGL/25' MSL.
Rwy 5, tree 2359' from DER, 512' left of centerline, 56' AGL/75' MSL.
Fence 20' from DER, 304' right of centerline, 11' AGL/31' MSL.
Bushes, trees and fence beginning 228' from DER, 300' right of centerline, up to 76' AGL/95' MSL.

DIVERSE VECTOR AREA (RADAR VECTORS)
AMDT 1 26MAY16 (16147) (FAA)

Rwys 2, 5, 20, heading as assigned by ATC.

KAILUA-KONA, HI

ELLISON ONIZUKA KONA INTL AT KEAHOLE (KOA) (PHKO)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES
AMDT 5A 29MAR18 (18088) (FAA)

DEPARTURE PROCEDURE:
Rwy 17, climb on heading 174° to 500 then climbing right turn heading 357° and KOA R-327 to MYNAH INT for assigned route.
Rwy 35, eastbound climb on heading 354° to intercept MUE R-246 for assigned route; northwest bound climb heading 354° to 500 then climbing left turn to assigned route.

TAKEOFF OBSTACLE NOTES:
Rwy 17, obstruction light on AMOM at DER, 350' right of centerline, 25' AGL/62' MSL.
Rwy 35, tree 1606' from DER, 7211' right of centerline, 15' AGL/94' MSL.

DIVERSE VECTOR AREA (RADAR VECTORS)
AMDT 1 15OCT15 (15288) (FAA)

Rwys 17, 35, heading as assigned by ATC.

KALAUPAPA, HI

KALAUPAPA (LUP) (PHLU)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES
ORIG 10MAR11 (11069) (FAA)

DEPARTURE PROCEDURE:
Use KALAUPAPA ONE DEPARTURE.

KAMUELA, HI

WAIMEA-KOHALA (MUE) (PHMU)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 1 17MAR05 (05076) (FAA)

TAKEOFF MINIMUMS:

Rwy 4, 400-2 or std. with a min. climb of 240' per NM to 3100.

DEPARTURE PROCEDURE:

Rwy 4, climb via heading 041° to 3100 then climbing right turn via heading 080° and MUE VOR/DME R-057 to 6000 to VELLA INT, then as assigned.

Rwy 22, climb via heading 233° and MUE VOR/DME R-234 to 5000 to JASON INT, then as assigned.

TAKEOFF OBSTACLE NOTES:

Rwy 4, windsock 158' from DER, 299' right of centerline, 25' AGL/2702' MSL.
Fence 2754' from DER, 323' right of centerline, 12' AGL/2741' MSL.
Tree 5200' from DER, 179' right of centerline, 50' AGL/2817' MSL.
Tree 5331' from DER, 110' left of centerline, 50' AGL/2829' MSL.
Tree 1.3 NM from DER, 739' right of centerline, 50' AGL/2864' MSL.
Tree 1.3 NM from DER, 1741' left of centerline, 50' AGL/2889' MSL.
Antenna 1.8 NM from DER, 1094' left of centerline 152' AGL/2992' MSL.
Rising terrain beginning 1.5 NM from DER, 3.9 NM left of centerline, up to 13796' MSL.
Rwy 22, cactus at DER, 191' left of centerline, 10' AGL/2668' MSL.
Tree at DER, 353' right of centerline, 50' AGL/2687' MSL.
Bush 673' from DER, 186' left of centerline, 30' AGL/2673' MSL.
Pole 1058' from DER, 124' left of centerline, 20' AGL/2683' MSL.
Rapidly rising terrain beginning 1.5 NM from DER, 4209' left of centerline, up to 5513' MSL.

KAPOLEI, OAHU ISLAND, HI

KALAELOA (JOHN RODGERS FLD) (JRF) (PHJR)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 22OCT09 (21112) (FAA)

DEPARTURE PROCEDURE:

DME required.

Rwys 4L, 4R, 11, climb heading 200° to intercept HNL VORTAC R-241 to GECKO/HNL 22.4 DME before proceeding on course.

Rwys 22L, 22R, climb heading 224° to intercept HNL VORTAC R-241 to GECKO/HNL 22.4 DME before proceeding on course.

Rwy 29, climb heading 210° to intercept HNL VORTAC R-241 to GECKO/HNL 22.4 DME before proceeding on course.

TAKEOFF OBSTACLE NOTES:

Rwy 11, tree 1533' from DER, 831' left of centerline, 60' AGL/70' MSL.
Rwy 22L, vehicles on road 305' from DER, 195' left of centerline, 15' AGL/26' MSL.
Rwy 29, tree 1794' from DER, 573' left of centerline, 60' AGL/99' MSL.

KAUNAKAKAI, HI

MOLOKAI (MKK) (PHMK)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 6 19MAY14 (14149) (FAA)

DEPARTURE PROCEDURE:

Use KAUNAKAKAI DEPARTURE.

DIVERSE VECTOR AREA (RADAR VECTORS)

AMDT 1 15OCT15 (15288) (FAA)

Rwy 17, heading as assigned by ATC.
Rwy 23, heading as assigned by ATC; requires minimum climb of 460' per NM to 2000.

KOSRAE, FM

KOSRAE (TTK) (PTSA)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG-A 12MAR09 (09071) (FAA)

CAUTION: Ships with masts to 200' traverse harbor entrance located on west side of runway.

DEPARTURE PROCEDURE:

Rwy 5, left turn.
Rwy 23, right turn, climb to 2000 or above before turning east.

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LANAI CITY, HI

LANAI (LNY) (PHNY)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 5 27AUG09 (09239) (FAA)

TAKEOFF MINIMUMS:

Rwy 3, 400-1 or std. w/ min. climb of 370' per NM to 2700 or 2500-3 for climb in visual conditions.

DEPARTURE PROCEDURE:

Rwy 3, climb heading 033° to 1720 before turning left. Climb heading 300° or 180° to intercept route or airway, then continue as cleared. Maintain maximum 210 kts until turn is completed or for climb in visual conditions cross LNY VORTAC eastbound at or above 3700.

Rwy 21, climb heading 213° to assigned altitude. Eastbound - climb westbound to cross LNY VORTAC eastbound at or above 2700 and climb as cleared. Westbound - climb direct LNY VORTAC then via assigned route.

TAKEOFF OBSTACLE NOTES:

Rwy 3, multiple poles, trees, and terrain beginning 2108' from DER, 1011' left of centerline, up to 200' AGL/2202' MSL.

Rwy 21, lighted windsock 8' from DER, 191' right of centerline, 30' AGL/1323' MSL.

LIHUE, HI

LIHUE (LIH) (PHLI)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 9 15JUN23 (23166) (FAA)

DEPARTURE PROCEDURE:

Use KAUAI DEPARTURE.

TAKEOFF OBSTACLE NOTES:

Rwy 3, NAVAID 85' from DER, 418' left of centerline, 8' AGL/85' MSL.
Trees beginning 221' from DER, 188' right of centerline, up to 35' AGL/88' MSL.
Trees beginning 240' from DER, 19' right of centerline, up to 43' AGL/95' MSL.
Trees beginning 250' from DER, 7' left of centerline, up to 34' AGL/93' MSL.
Trees beginning 395' from DER, 38' left of centerline, up to 34' AGL/94' MSL.
Trees beginning 415' from DER, 39' left of centerline, up to 39' AGL/95' MSL.
Trees beginning 431' from DER, 38' left of centerline, up to 34' AGL/103' MSL.
Trees beginning 473' from DER, 14' left of centerline, up to 50' AGL/107' MSL.
Tree 541' from DER, 4' right of centerline, 54' AGL/103' MSL.
Trees beginning 548' from DER, 8' right of centerline, up to 56' AGL/104' MSL.
Tree 972' from DER, 676' left of centerline, 68' AGL/115' MSL.
Tree 1563' from DER, 538' left of centerline, 90' AGL/127' MSL.
Tree 1750' from DER, 783' left of centerline, 120' AGL/165' MSL.
Rwy 17, light poles 4' from DER, 6' left of centerline, 2' AGL/94' MSL.
Tree 135' from DER, 272' right of centerline, 10' AGL/95' MSL.
Trees beginning 857' from DER, 565' right of centerline, up to 45' AGL/131' MSL.
Tree 1289' from DER, 734' right of centerline, 57' AGL/132' MSL.
Rwy 21, light poles 9' from DER, 54' left of centerline, 3' AGL/154' MSL.
Light poles 9' from DER, 55' right of centerline, 3' AGL/155' MSL.
Terrain 33' from DER, 457' right of centerline, 156' MSL.
Pole 192' from DER, 546' left of centerline, 44' AGL/183' MSL.
Pole 366' from DER, 550' left of centerline, 46' AGL/184' MSL.
Tree, pole beginning 497' from DER, 563' left of centerline, up to 70' AGL/206' MSL.
Trees beginning 1148' from DER, 231' right of centerline, up to 42' AGL/203' MSL.
Tree 1457' from DER, 185' right of centerline, 67' AGL/212' MSL.
Trees beginning 1466' from DER, 53' right of centerline, up to 77' AGL/230' MSL.
Trees beginning 1510' from DER, 62' right of centerline, up to 87' AGL/241' MSL.
Tree 1536' from DER, 3' left of centerline, 70' AGL/208' MSL.
Tree, pole beginning 1660' from DER, 9' right of centerline, up to 96' AGL/248' MSL.
Trees beginning 1903' from DER, 267' left of centerline, up to 68' AGL/217' MSL.
Tree 2017' from DER, 280' left of centerline, 70' AGL/218' MSL.
Trees beginning 2029' from DER, 296' left of centerline, up to 73' AGL/221' MSL.
Trees beginning 2212' from DER, 337' left of centerline, up to 82' AGL/227' MSL.
Tree 3102' from DER, 442' left of centerline, 107' AGL/231' MSL.
Trees beginning 2.1 NM from DER, 2126' left of centerline, up to 3' AGL/896' MSL.
Tree 2.2 NM from DER, 2973' left of centerline, 25' AGL/947' MSL.
Trees beginning 2.2 NM from DER, 2747' left of centerline, up to 212' AGL/1329' MSL.
Tree 2.3 NM from DER, 3671' left of centerline, 2' AGL/1474' MSL.
Tree 2.4 NM from DER, 4032' left of centerline, 100' AGL/1488' MSL.
Trees beginning 2.4 NM from DER, 2595' left of centerline, up to 100' AGL/1488' MSL.
Trees beginning 2.5 NM from DER, 3483' left of centerline, up to 23' AGL/1294' MSL.
Rwy 35, fence 40' from DER, 308' right of centerline, 13' AGL/94' MSL.
Tree 106' from DER, 435' right of centerline, 19' AGL/100' MSL.
Trees beginning 203' from DER, 379' right of centerline, up to 51' AGL/131' MSL.

DIVERSE VECTOR AREA (RADAR VECTORS)

AMDT 1 15OCT15 (15288) (FAA)

Rwys 3, 17, heading as assigned by ATC.
Rwy 21, heading as assigned by ATC; requires min. climb of 400' per NM to 4500.
Rwy 35, heading as assigned by ATC; requires min. climb of 230' per NM to 700.

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MAJURO ATOLL, MH

AMATA KABUA INTL (MAJ) (PKMJ)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 08APR10 (21224) (FAA)

TAKEOFF OBSTACLE NOTES:

Rwy 7, antenna on building 215' from DER, 446' left of centerline, 48' AGL/54' MSL.
Obstruction light on AMOM 44' from DER, 269' left of centerline, 33' AGL/39' MSL.
Obstruction light on WSK 10' from DER, 245' right of centerline, 23' AGL/29' MSL.
Tree 934' from DER, 243' left of centerline, 39' AGL/45' MSL.
Bush 555' from DER, 187' right of centerline, 17' AGL/23' MSL.
Rwy 25, obstruction light on WSK 11' from DER, 246' left of centerline, 23' AGL/29' MSL.
Post 51' from DER, 252' right of centerline, 8' AGL/14' MSL.
Tree 996' from DER, 39' left of centerline, 31' AGL/37' MSL.
Tree 563' from DER, 5' right of centerline, 20' AGL/26' MSL.
Bushes beginning 207' from DER, from 124' left to 207' right of centerline, up to 14' AGL/20' MSL.
Vehicle on roadway 130' from DER, 241' right of centerline, 15' AGL/20' MSL.

PAGO PAGO, AS

PAGO PAGO INTL (PPG) (NSTU)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG-A 12MAR09 (09071) (FAA)

TAKEOFF MINIMUMS:

Rwy 23, std. w/ min. climb of 320' per NM to 800, or 2700-3 for climb in visual conditions.
Rwy 26, NA-obstacles.

DEPARTURE PROCEDURE:

Rwys 5, 8, climbing right turn southbound between TUT R-090 clockwise to R-180 to 2800, then proceed on course.
Rwy 23, climbing left turn heading 150° southbound between TUT R-090 clockwise to R-180 to 2800, then proceed on course. For climb in visual conditions: cross Pago Pago Intl Airport at or above 2600 before proceeding on course.

TAKEOFF OBSTACLE NOTES:

Rwy 5, bush 1' from DER, 237' right of centerline, 3' AGL/12' MSL.
Bush 379' from DER, 362' left of centerline, 14' AGL/23' MSL.
Ship 998' from DER, 57' right of centerline, 150' AGL/150' MSL.
Rwy 8, bush 689' from DER, 360' left of centerline, 15' AGL/23' MSL.
Ship 1435' from DER, 304' left of centerline, 150' AGL/150' MSL.
Rwy 23, multiple trees beginning 352' from DER, 173' left of centerline, up to 20' AGL/132' MSL.
Multiple trees beginning 881' from DER, 296' right of centerline, up to 20' AGL/172' MSL.
Multiple trees and poles beginning 1.6 NM from DER, 38' right of centerline, up to 367' AGL/554' MSL.
Tree 2.3 NM from DER, 2126' left of centerline, 20' AGL/387' MSL.

POHNPEI ISLAND, FM

POHNPEI INTL (PNI) (PTPN)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 3 27APR17 (17117) (FAA)

TAKEOFF MINIMUMS:

Rwy 27, 300-1½ or std. w/min. climb of 215' per NM to 300, or alternatively, with standard takeoff minimums and a normal 200'/NM climb gradient, takeoff must occur no later than 1400' prior to DER.

DEPARTURE PROCEDURE:

Rwy 9, Climb on a heading between 264° CW 083° from DER to 2600 before proceeding on course.
Rwy 27, Climb on a heading between 264° CW 083° from DER to 2600 before proceeding on course.

TAKEOFF OBSTACLE NOTES:

Rwy 27, fence 92' from DER, left to right of centerline, up to 9' AGL/15' MSL.
Tree 1.2 NM from DER, 1175' left of centerline, 62' AGL/203' MSL.
CAUTION: **Rwy 27,** ships with maximum height of 150' MSL may traverse Pohnpei channel 400' off DER, closing airport at times.

ROTA ISLAND, CQ

BENJAMIN TAISACAN MANGLONA INTL (GRO) (PGRO)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 2 06FEB14 (14037) (FAA)

DEPARTURE PROCEDURE:

Rwy 9, climb heading 090° to 1400 before turning.
Rwy 27, climb heading 270° to 2200 before turning southbound.

TAKEOFF OBSTACLE NOTES:

Rwy 9, tree 514' from DER, 418' left of centerline, up to 30' AGL/638' MSL.
Rwy 27, tree 1203' from DER, 581' left of centerline, up to 30' AGL/618' MSL.

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SAIPAN ISLAND, CQ

FRANCISCO C ADA/SAIPAN INTL (GSN) (PGSN)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG-A 12MAR09 (09071) (FAA)

DEPARTURE PROCEDURE:

Rwys 7, 25, climb on runway heading to 1600 before climbing on course.

TINIAN ISLAND, CQ

TINIAN INTL (TNI) (PGWT)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 1 27AUG09 (09239) (FAA)

TAKEOFF OBSTACLE NOTES:

Rwy 8, trees beginning 694' from DER, 507' left of centerline, up to 100' AGL/363' MSL.
Multiple trees beginning 569' from DER, 471' right of centerline, up to 100' AGL/389' MSL.
Rwy 26, multiple trees beginning 743' from DER, 508' right of centerline, up to 100' AGL/363' MSL.

WENO ISLAND, FM

CHUUK INTL (TKK) (PTKK)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 2 11FEB10 (10042) (FAA)

DEPARTURE PROCEDURE:

Rwy 4, climb heading 041° to 1100 before proceeding on course.
Rwy 22, climb heading 221° to 1500 before proceeding on course.

TAKEOFF OBSTACLE NOTES:

Rwy 4, bush 205' from DER, 203' right of centerline, 7' AGL/17' MSL.
Rwy 22, bush 5' from DER, 241' right of centerline, 14' AGL/24' MSL.
Bush 221' from DER, 85' right of centerline, 7' AGL/17' MSL.
CAUTION: Ships with superstructure to 150' traverse channels west of runway 4/22.

YAP ISLAND, FM

YAP INTL (T11) (PTYA)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 2 08DEC94 (94342) (FAA)

DEPARTURE PROCEDURE:

Rwy 7, climbing right turn to 1500 via 090° bearing from YP NDB/DME, then climb on course.
Rwy 25, climb to 500, then climb on course.

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