

20310

AIRPORT DIAGRAM

AL-762 (FAA)

KAHULUI (OGG)(PHOG)
KAHULUI, HAWAII

ATIS
 128.6
 MAUI TOWER *
 118.7 279.6
 GND CON
 121.9 279.6
 CLNC DEL
 120.6 290.5

FIELD
 ELEV
 55

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

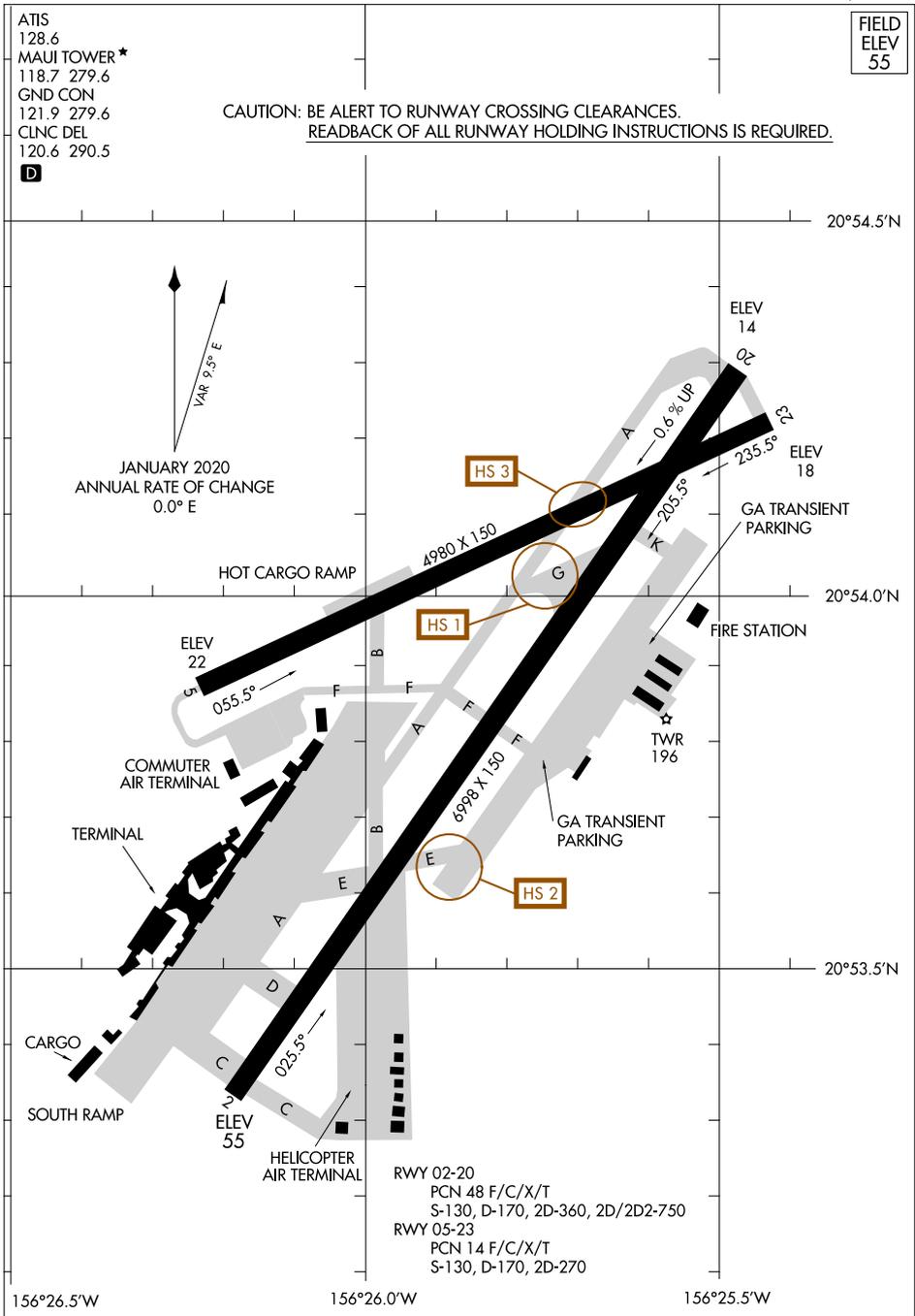
D

JANUARY 2020
 ANNUAL RATE OF CHANGE
 0.0° E

VAR 9.9° E

PAC, 25 JAN 2024 to 21 MAR 2024

PAC, 25 JAN 2024 to 21 MAR 2024



AIRPORT DIAGRAM

20310

KAHULUI, HAWAII
KAHULUI (OGG)(PHOG)

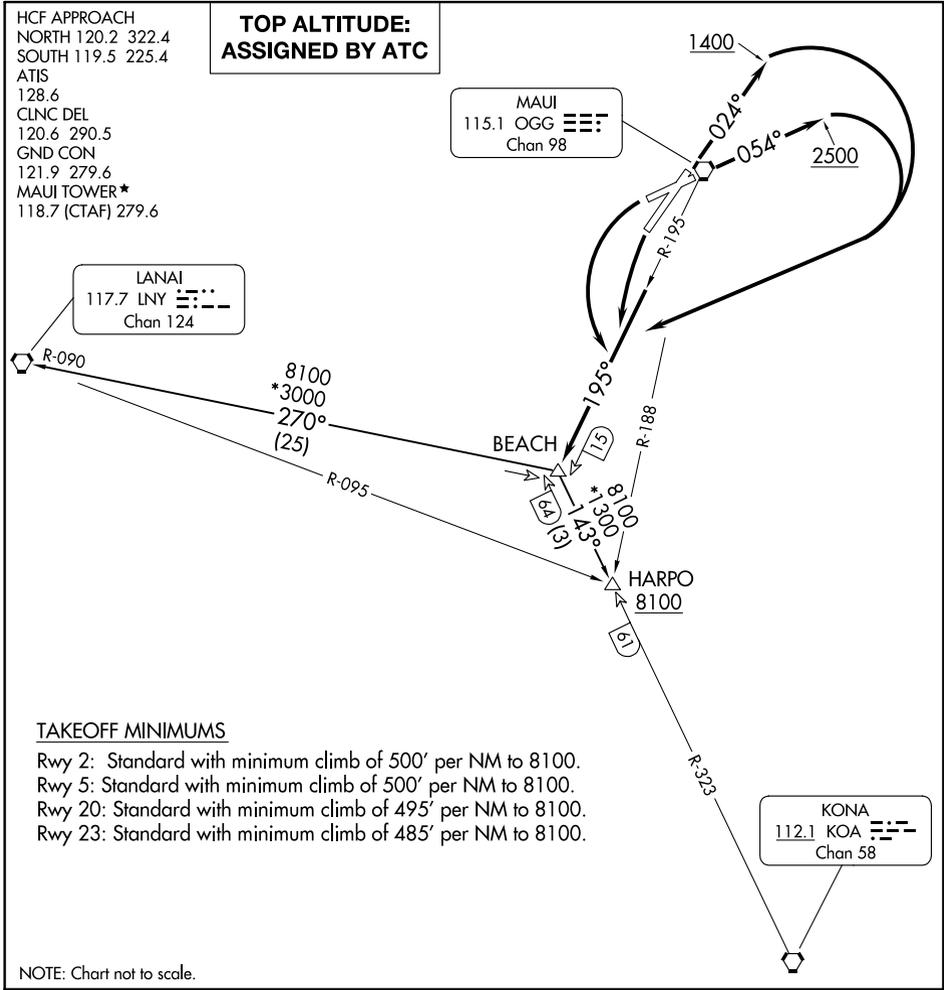
HCF APPROACH
 NORTH 120.2 322.4
 SOUTH 119.5 225.4
 ATIS
 128.6
 CLNC DEL
 120.6 290.5
 GND CON
 121.9 279.6
 MAUI TOWER*
 118.7 (CTAF) 279.6

**TOP ALTITUDE:
 ASSIGNED BY ATC**

MAUI
 115.1 OGG
 Chan 98

LANAI
 117.7 LNY
 Chan 124

KONA
 112.1 KOA
 Chan 58



TAKEOFF MINIMUMS

- Rwy 2: Standard with minimum climb of 500' per NM to 8100.
- Rwy 5: Standard with minimum climb of 500' per NM to 8100.
- Rwy 20: Standard with minimum climb of 495' per NM to 8100.
- Rwy 23: Standard with minimum climb of 485' per NM to 8100.

NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

- TAKEOFF RUNWAY 2: Climb on heading 024° to 1400 then climbing right turn via OGG R-195 to BEACH INT.
- TAKEOFF RUNWAY 5: Climb on heading 054° to 2500 then climbing right turn via OGG R-195 to BEACH INT.
- TAKEOFF RUNWAYS 20, 23: Climbing left turn via OGG R-195 to BEACH INT.

HARPO TRANSITION (BEACH4.HARPO): From over BEACH INT on KOA R-323 to HARPO INT.

LANAI TRANSITION (BEACH4.LNY): From over BEACH INT on LNY R-090 to LNY VORTAC.

PAC, 25 JAN 2024 to 21 MAR 2024

PAC, 25 JAN 2024 to 21 MAR 2024

HIKA ONE DEPARTURE (RNAV)
(HIKA1, HIKA) 20JUN19

(HIKA1, HIKA) 20030
HIKA ONE DEPARTURE (RNAV)

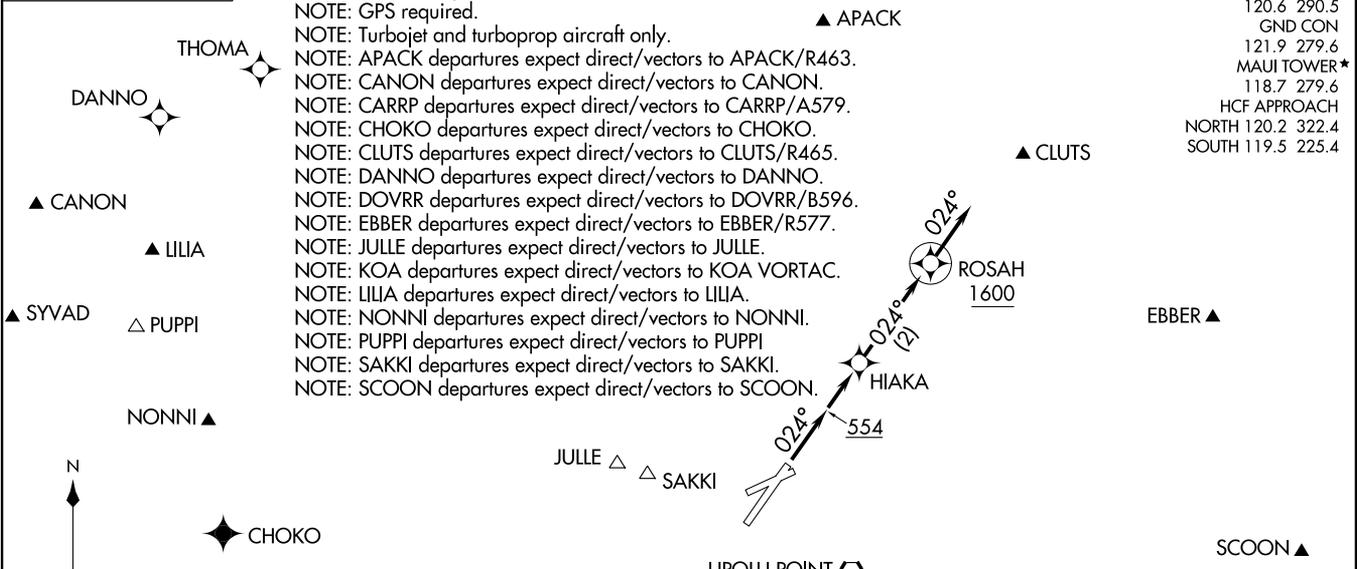
AL-752 (FAA)

KAHULUI (OGG)(PHOG)
KAHULUI, HAWAII

ATIS 128.6
CLNC DEL 120.6 290.5
GND CON 121.9 279.6
MAUI TOWER* 118.7 279.6
HCF APPROACH NORTH 120.2 322.4
SOUTH 119.5 225.4

**TOP ALTITUDE:
16000**

NOTE: RNAV 1.
NOTE: RADAR required.
NOTE: GPS required.
NOTE: Turbojet and turboprop aircraft only.
NOTE: APACK departures expect direct/vectors to APACK/R463.
NOTE: CANON departures expect direct/vectors to CANON.
NOTE: CARRP departures expect direct/vectors to CARRP/A579.
NOTE: CHOKO departures expect direct/vectors to CHOKO.
NOTE: CLUTS departures expect direct/vectors to CLUTS/R465.
NOTE: DANNO departures expect direct/vectors to DANNO.
NOTE: DOVRR departures expect direct/vectors to DOVRR/B596.
NOTE: EBBER departures expect direct/vectors to EBBER/R577.
NOTE: JULLE departures expect direct/vectors to JULLE.
NOTE: KOA departures expect direct/vectors to KOA VORTAC.
NOTE: LILIA departures expect direct/vectors to LILIA.
NOTE: NONNI departures expect direct/vectors to NONNI.
NOTE: PUPPI departures expect direct/vectors to PUPPI
NOTE: SAKKI departures expect direct/vectors to SAKKI.
NOTE: SCOON departures expect direct/vectors to SCOON.



▼ DEPARTURE ROUTE DESCRIPTION
TAKEOFF RUNWAY 2: Climb heading 024° to 554, then direct HIKA, thence. . . .
. . . .on track 024° to cross ROSAH at or above 1600, then on track 024° for RADAR vectors to assigned route/fix, maintain 16000 or as assigned by ATC. Expect clearance to filed altitude/flight level within 10 minutes after departure.

TAKEOFF MINIMUMS

Rwy 2: Standard with minimum climb of 500' per NM to 554.
Rwys 5, 20, 23: NA - ATC.

NOTE: Chart not to scale.

HCF APPROACH
120.2 322.4
ATIS
128.6
CLNC DEL
120.6 290.5
GND CON
121.9 279.6
MAUI TOWER★
118.7 (CTAF) 279.6

MOLOKAI
116.1 MKK 
Chan 108



R-097

LORET

3500

360°
360°
360°

6700

MAUI
115.1 OGG 
Chan 98

LANAI
117.7 LNY 
Chan 124

R-064

R-038

V24

R-244

Cross at assigned altitude.
When assigned above 14000',
cross at or above 14000'.

NOTE: Takeoff requires minimum climb
of 420' per NM until reaching 8000'.

NOTE: Chart not to scale.



DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAYS 2 AND 5 ONLY: After takeoff, all aircraft fly heading 360°, expect radar vectors west of Maui Island to assigned fix/route. Cross the LNY R-322 at assigned altitude. When assigned above 14000', cross at or above 14000'.

LOST COMMUNICATIONS: If not in contact with Departure Control 1 minute after crossing the shoreline, climb northbound via the OGG R-010 until reaching at least 3500'. Then reverse course to the right direct OGG VORTAC. Then via V24 to LNY VORTAC. Cross OGG VORTAC at or above 6700'.

(NPLII2.SAKKI) 18032

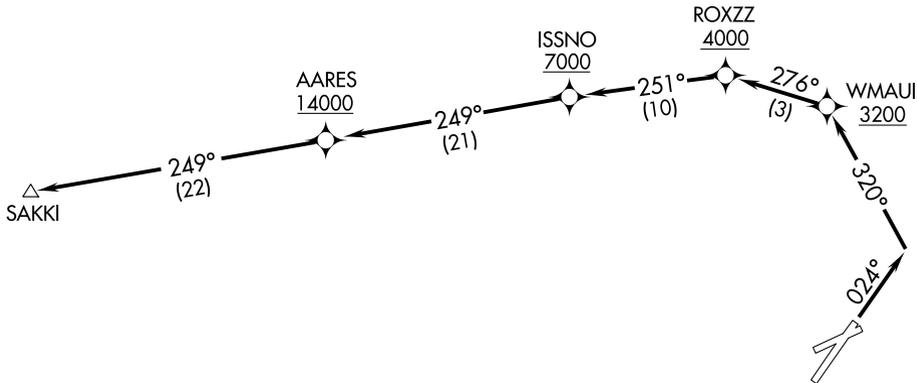
NPLII TWO DEPARTURE (RNAV)

AL-762 (FAA)

KAHULUI (OGG)(PHOG)
KAHULUI, HAWAII

ATIS 128.6
CLNC DEL
120.6 290.5
GND CON
121.9 279.6
MAUI TOWER *
118.7 (CTAF) 279.6
HCF APPROACH
NORTH 120.2 322.4
SOUTH 119.5 225.4

**TOP ALTITUDE:
ASSIGNED BY ATC**



NOTE: RNAV 1.
NOTE: GPS required.

TAKEOFF MINIMUMS

Rwys 5, 20, 23, NA - Air Traffic.

Rwy 2: Standard with minimum climb of 355' per NM to 11200.

NOTE: Chart not to scale.



DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 2: Climb to assigned altitude on heading 024° to intercept course 320° to cross WMAUI at or above 3200, and on track 276° to cross ROXZZ at or above 4000, and on track 251° to cross ISSNO at or above 7000, and on track 249° to cross AARES at or above 14000, and on track 249° to SAKKI.

NPLII TWO DEPARTURE (RNAV)

(NPLII2.SAKKI) 20AUG15

KAHULUI, HAWAII
KAHULUI (OGG)(PHOG)

PAC, 25 JAN 2024 to 21 MAR 2024

PAC, 25 JAN 2024 to 21 MAR 2024

(ONOH12.ONOH1) 23278

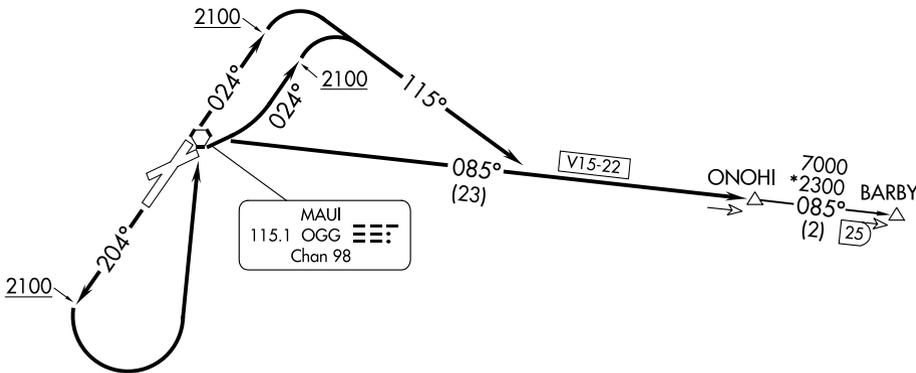
ONOH1 TWO DEPARTURE

AL-762 (FAA)

KAHULUI (OGG)(PHOG)
KAHULUI, HAWAII

HCF APPROACH
NORTH 120.2 322.4
SOUTH 119.5 225.4
ATIS
128.6
CLNC DEL
120.6 290.5
GND CON
121.9 279.6
MAUI TOWER ★
118.7 (CTAF) 279.6

**TOP ALTITUDE:
7000**



NOTE: DME required.

TAKEOFF MINIMUMS

Rwy 23: NA- obstacles and ATC.

Rwy 2: Standard with ATC climb of 480' per NM to 2200.

Rwy 5: Standard with ATC climb of 480' per NM to 2900.

Rwy 20: Standard with minimum climb of 480' per NM to 7000.

NOTE: Chart not to scale.



DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 2: Climb on heading 024° to 2100 then climbing right turn to 7000 to ONOHI/OGG 23 DME via heading 115° and OGG R-085.

TAKEOFF RUNWAY 5: Climbing left turn on heading 024° to 2100 then climbing right turn to 7000 to ONOHI/OGG 23 DME via heading 115° and OGG R-085.

TAKEOFF RUNWAY 20: Climb on heading 204° to 2100 then climbing left turn to 7000 to ONOHI/OGG 23 DME via direct OGG VORTAC and OGG R-085.

BARBY TRANSITION (ONOH12.BARBY): From over ONOHI/OGG 23 DME on OGG R-085 to BARBY/OGG 25 DME.

ONOH1 TWO DEPARTURE

(ONOH12.ONOH1) 20AUG15

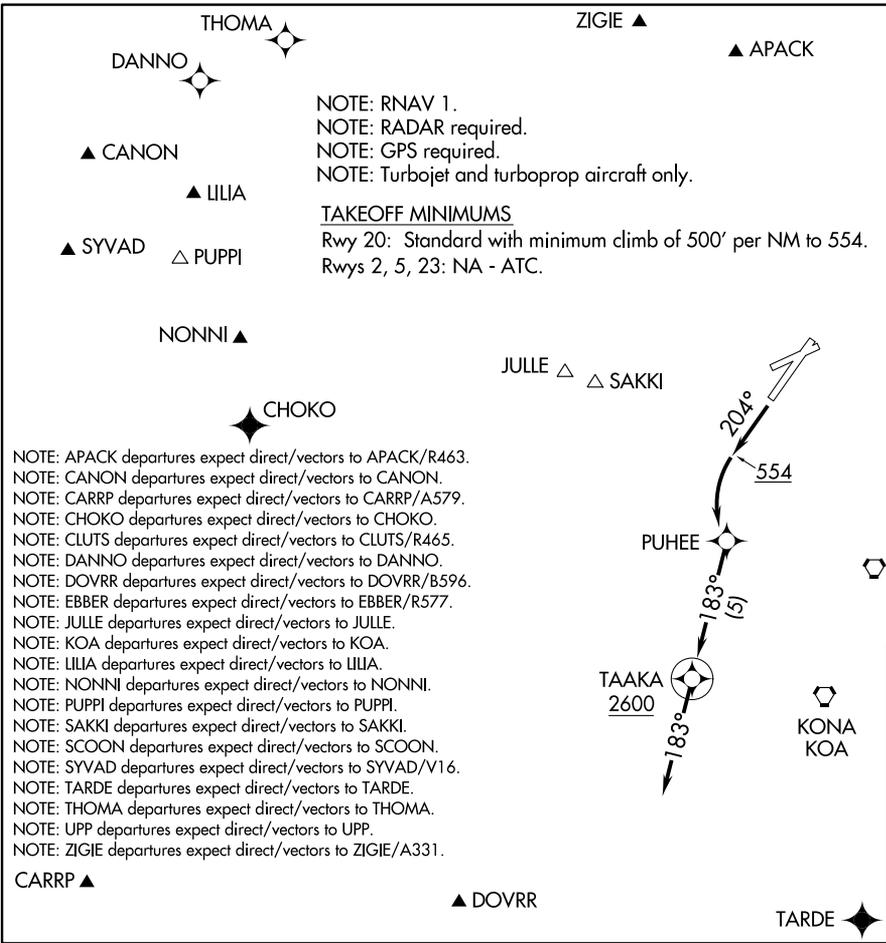
KAHULUI, HAWAII
KAHULUI (OGG)(PHOG)

PAC, 25 JAN 2024 to 21 MAR 2024

PAC, 25 JAN 2024 to 21 MAR 2024

PUHEE ONE DEPARTURE (RNAV)
(PUHEE1, PUHEE) 20JUN19

KAHULUI HAWAII
(OGG)(PHOG)



TOP ALTITUDE:
16000

ATIS 128.6
CLNC DEL 120.6 290.5
GND CON 121.9 279.6
MAUI TOWER* 118.7 279.6
HCF APPROACH NORTH 120.2 322.4
SOUTH 119.5 225.4

(PUHEE1, PUHEE) 20030
PUHEE ONE DEPARTURE (RNAV)

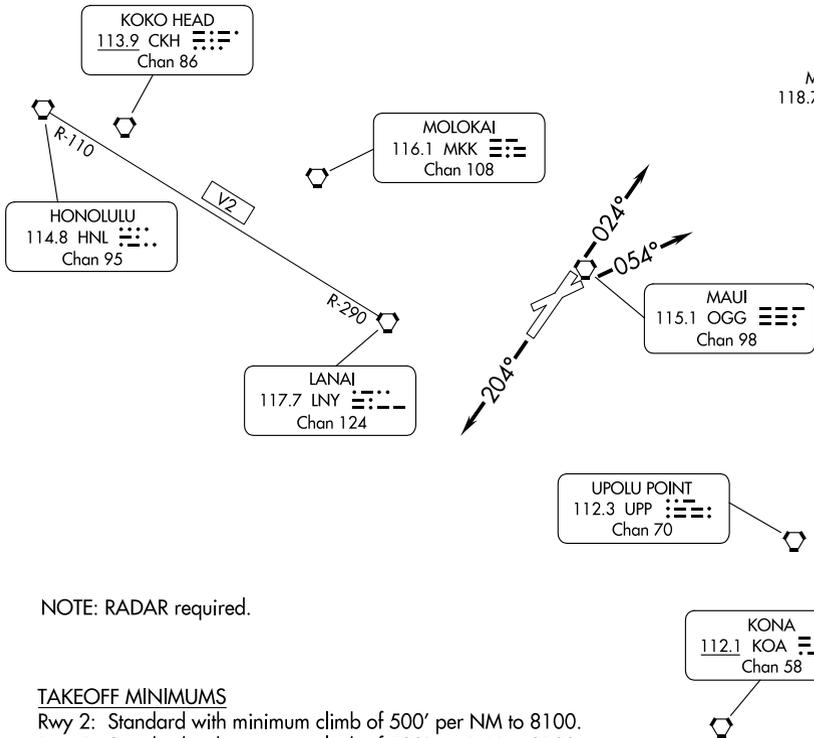
AL-762 (FAA)

KAHULUI (OGG)(PHOG)
KAHULUI, HAWAII

NOTE: APACK departures expect direct/vectors to APACK/R463.
NOTE: CANON departures expect direct/vectors to CANON.
NOTE: CARRP departures expect direct/vectors to CARRP/A579.
NOTE: CHOKO departures expect direct/vectors to CHOKO.
NOTE: CLUTS departures expect direct/vectors to CLUTS/R465.
NOTE: DANNO departures expect direct/vectors to DANNO.
NOTE: DOVRR departures expect direct/vectors to DOVRR/B596.
NOTE: EBBER departures expect direct/vectors to EBBER/R577.
NOTE: JULLE departures expect direct/vectors to JULLE.
NOTE: KOA departures expect direct/vectors to KOA.
NOTE: LILIA departures expect direct/vectors to LILIA.
NOTE: NONNI departures expect direct/vectors to NONNI.
NOTE: PUPPI departures expect direct/vectors to PUPPI.
NOTE: SAKKI departures expect direct/vectors to SAKKI.
NOTE: SCOON departures expect direct/vectors to SCOON.
NOTE: SYVAD departures expect direct/vectors to SYVAD/V16.
NOTE: TARDE departures expect direct/vectors to TARDE.
NOTE: THOMA departures expect direct/vectors to THOMA.
NOTE: UPP departures expect direct/vectors to UPP.
NOTE: ZIGIE departures expect direct/vectors to ZIGIE/A331.

DEPARTURE ROUTE DESCRIPTION
TAKEOFF RUNWAY 20: Climb heading 204° to 554, then left turn direct PUHEE, thence. . . .
. . . .on track 183° to cross TAAKA at or above 2600, then on track 183° for RADAR vectors to assigned route/fix, maintain 16000 or as assigned by ATC. Expect clearance to filed altitude/flight level within 10 minutes after departure.

HCF APPROACH
 (NORTH) 120.2 322.4
 (SOUTH) 119.5 225.4
 ATIS
 128.6
 CLNC DEL
 120.6 290.5
 GND CON
 121.9 279.6
 MAUI TOWER ★
 118.7 (CTAF) 279.6



NOTE: RADAR required.

TAKEOFF MINIMUMS

- Rwy 2: Standard with minimum climb of 500' per NM to 8100.
- Rwy 5: Standard with minimum climb of 500' per NM to 8100.
- Rwy 20: Standard with minimum climb of 490' per NM to 8100.
- Rwy 23: NA - Obstacles.

NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 2: Climb heading 024° (or ATC assigned heading 310° CW 053°);
 thence. . . .

TAKEOFF RUNWAY 5: Climbing heading 054° (or ATC assigned heading 307° CW 054°);
 thence. . . .

TAKEOFF RUNWAY 20: Climb heading 204° (or ATC assigned heading 169° CW 204°);
 thence. . . .

TAKEOFF RUNWAY 23: NA - Obstacles.

. . . expect RADAR vectors to join assigned route. Maintain assigned altitude; expect filed altitude/flight level 5 minutes after departure.

LOST COMMUNICATIONS: If not in contact with departure control 1 minute after departure, climb southbound to join V2 to LNY VORTAC, then on assigned route.

(SWEEP2.SWEEP) 23278

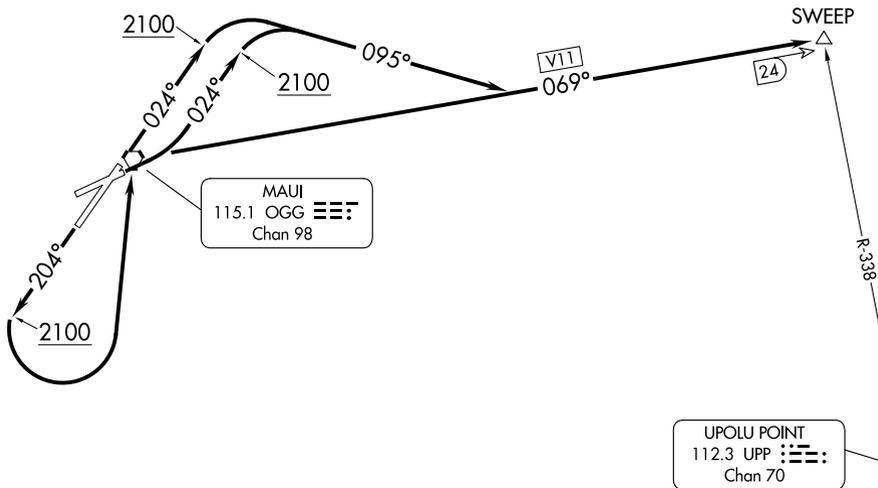
SWEEP TWO DEPARTURE

AL-762 (FAA)

KAHULUI (OGG)(PHOG)
KAHULUI, HAWAII

MAUI DEP CON
 NORTH 120.2 322.4
 SOUTH 119.5 225.4
 HCF APPROACH
 NORTH 120.2 322.4
 SOUTH 119.5 225.4
 ATIS
 128.6
 CLNC DEL
 120.6 290.5
 GND CON
 121.9 279.6
 MAUI TOWER ★
 118.7 (CTAF) 279.6

**TOP ALTITUDE:
6000**



TAKEOFF MINIMUMS

Rwy 23: NA Obstacle and ATC.

Rwys 2, 5: Standard with ATC climb of 480' per NM to 2100.

Rwy 20: Standard with minimum climb of 480' per NM to 2100.

NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 2: Climb heading 024° to 2100 then climbing right turn to 6000 via heading 095° to intercept OGG VORTAC R-069 (V11) to SWEEP INT/OGG 24 DME.

TAKEOFF RUNWAY 5: Climbing left turn heading 024° to 2100 then right turn to 6000 via heading 095° to intercept OGG VORTAC R-069 (V11) to SWEEP INT/OGG 24 DME.

TAKEOFF RUNWAY 20: Climb heading 204° to 2100 then climbing left turn to 6000 direct OGG VORTAC then via OGG R-069 (V11) to SWEEP INT/OGG 24 DME.

SWEEP TWO DEPARTURE

(SWEEP2.SWEEP) 20AUG15

KAHULUI, HAWAII
KAHULUI (OGG)(PHOG)

PAC, 25 JAN 2024 to 21 MAR 2024

PAC, 25 JAN 2024 to 21 MAR 2024

HOT SPOTS

An "airport surface hot spot" is a location on an aerodrome movement area with a history or potential risk of collision or runway incursion, and where heightened attention by pilots/drivers is necessary.

A "hot spot" is a runway safety related problem area on an airport that presents increased risk during surface operations. Typically it is a complex or confusing taxiway/taxiway or taxiway/runway intersection. The area of increased risk has either a history of or potential for runway incursions or surface incidents, due to a variety of causes, such as but not limited to: airport layout, traffic flow, airport marking, signage and lighting, situational awareness, and training. Hot spots are depicted on airport diagrams as open circles or polygons designated as "HS 1", "HS 2", etc. and tabulated in the list below with a brief description of each hot spot. Hot spots will remain charted on airport diagrams until such time the increased risk has been reduced or eliminated.

CITY/AIRPORT	HOT SPOT	DESCRIPTION*
HONOLULU, HI DANIEL K INOUYE INTL (HNL) (PHNL)	HS 1	Aircraft Idg Rwy 04R and exiting left onto Twy K, sometimes fail to hold short of Rwy 04L-22R and Rwy 08L-26R. When holding short, ATC is aware the aircraft tail is encroaching the Idg rwy.
	HS 2	Aircraft proceeding north or south on Twy E and instructed to turn onto Twy B sometimes miss the turn onto Twy B and enter Rwy 08L-26R or 04L-22R without clearance.
	HS 3	Twy V, Twy T, Twy A and Twy J in close proximity to Rwy 08L.
	HS 4	Minimal distance between rwy hold short lines between Rwy 04L-22R/Rwy 04R-22L.
KAHULUI, HI KAHULUI (OGG) (PHOG)	HS 1	Rwy 05, Twy A, Twy F, and Twy G.
	HS 2	Rwy 02-20, Twy E and the ramp.
	HS 3	Twy A, Rwy 05-23
KAILUA/KONA, HI ELLISON ONIZUKA KONA INTL AT KEAHOLE (KOA) (PHKO)	HS 1	Extensive helicopter operations on Twy A abeam ramp K.
	HS 2	Extensive helicopter operations on Twy A south of Twy C.
KAUNAKAKAI, HI MOLOKAI (MKK)(PHMK)	HS 1	Area not visible from control tower.

*See appropriate Chart Supplement HOT SPOT table for additional information.

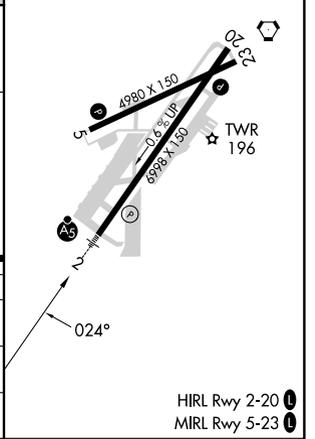
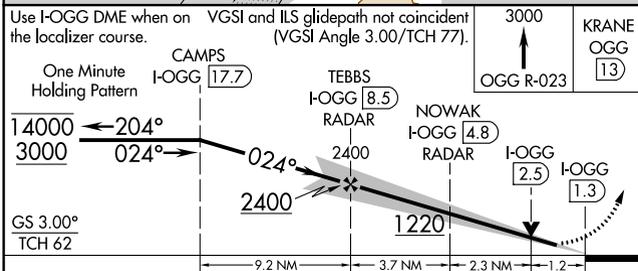
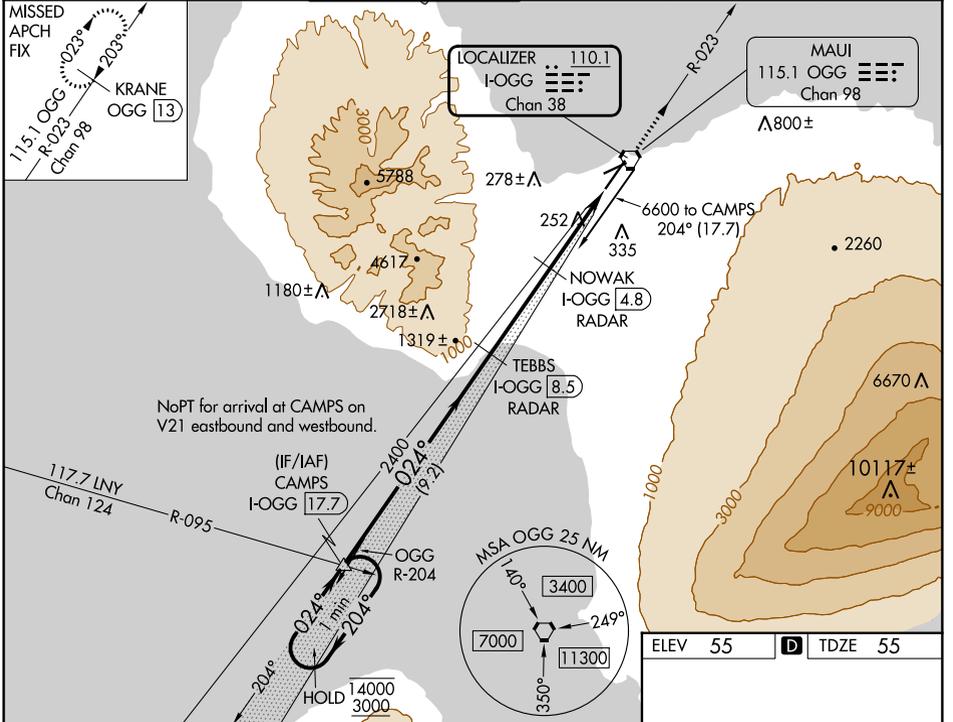
LOC/DME I-OGG 110.1 Chan 38	APP CRS 024°	Rwy Idg TDZE Apt Elev	6995 55 55
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ILS Y or LOC Y RWY 2

KAHULUI (OGG)(PHOG)

DME required.		MALSR 	MISSED APPROACH: Climb to 3000 on OGG VORTAC R-023 to KRANE/OGG 13 DME and hold.
 For inop ALS, increase S-ILS 2 Cat E visibility to 3/4 SM, and S-LOC 2 Cats C/D/E visibility to 1 3/8 SM.			

ATIS 128.6	HCF APPROACH 120.2 322.4 (NORTH) 119.5 225.4 (SOUTH)	MAUI TOWER ★ 118.7 (CTAF) 0 279.6	GND CON 121.9 279.6	CLNC DEL 120.6 290.5	UNICOM 122.95
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CATEGORY	A	B	C	D	E
S-ILS 2	275-1/2 220 (300-1/2)				
S-LOC 2	520-1/2	465 (500-1/2)	520-1	465 (500-1)	
CIRCLING	520-1 465 (500-1)	620-1 565 (600-1)	740-2 685 (700-2)	1140-3 1085 (1100-3)	1720-3 1665 (1700-3)

PAC, 25 JAN 2024 to 21 MAR 2024

PAC, 25 JAN 2024 to 21 MAR 2024

LOC/DME I-OGG 110.1 Chan 38	APP CRS 024°	Rwy Idg TDZE Apt Elev	6995 55 55
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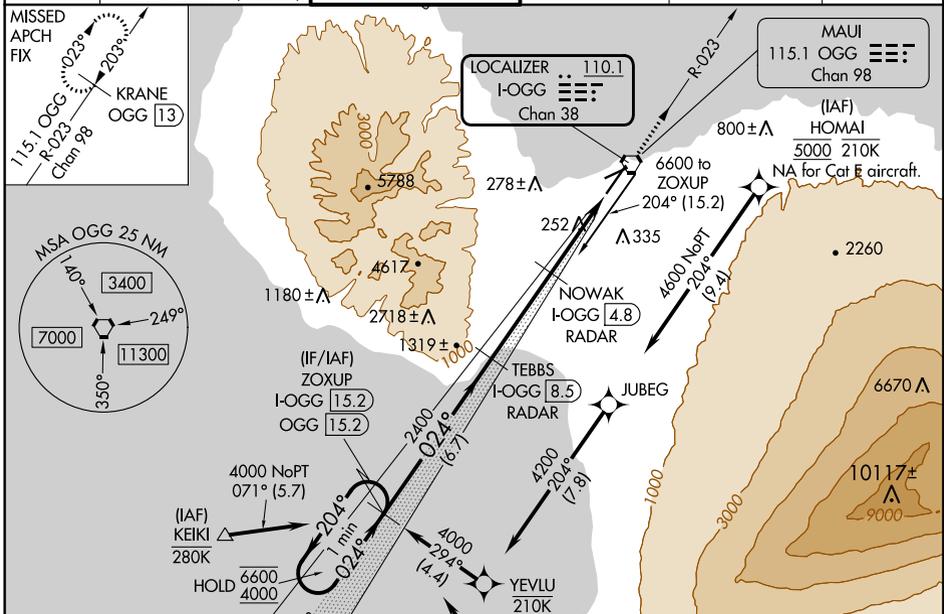
ILS Z or LOC Z RWY 2

KAHULUI (OGG)(PHOG)

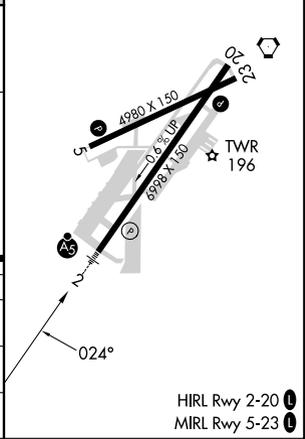
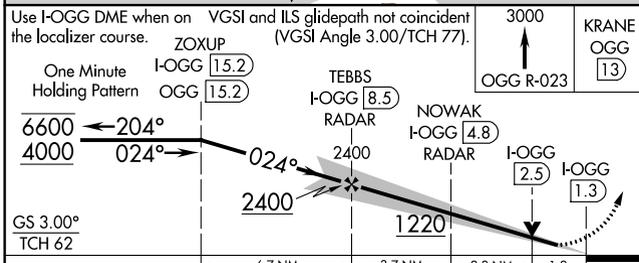
RNP APCH-GPS. From HOMAL or KEIKI or GREHG.
DME required.
For inop ALS, increase S-ILS 2 Cat E visibility to 3/4 SM, and S-LOC 2 Cats C/D/E visibility to 1 1/2 SM.

MALS R
MISSED APPROACH: Climb to 3000 on OGG VORTAC R-023 to KRANE/OGG 13 DME and hold.

ATIS 128.6	HCF APPROACH 120.2 322.4 (NORTH) 119.5 225.4 (SOUTH)	MAUI TOWER ★ 118.7 (CTAF) 0 279.6	GND CON 121.9 279.6	CLNC DEL 120.6 290.5	UNICOM 122.95
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ELEV 55	TDZE 55
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CATEGORY	A	B	C	D	E
S-ILS 2	275-1/2 220 (300-1/2)				
S-LOC 2	520-1/2	465 (500-1/2)	520-1	465 (500-1)	
CIRCLING	520-1 465 (500-1)	620-1 565 (600-1)	740-2 685 (700-2)	1140-3 1085 (1100-3)	1720-3 1665 (1700-3)

PAC: 25 JAN 2024 to 21 MAR 2024

APP CRS	Rwy ldg	6995
204°	TDZE	25
	Apt Elev	53

RNAV (GPS) RWY 20

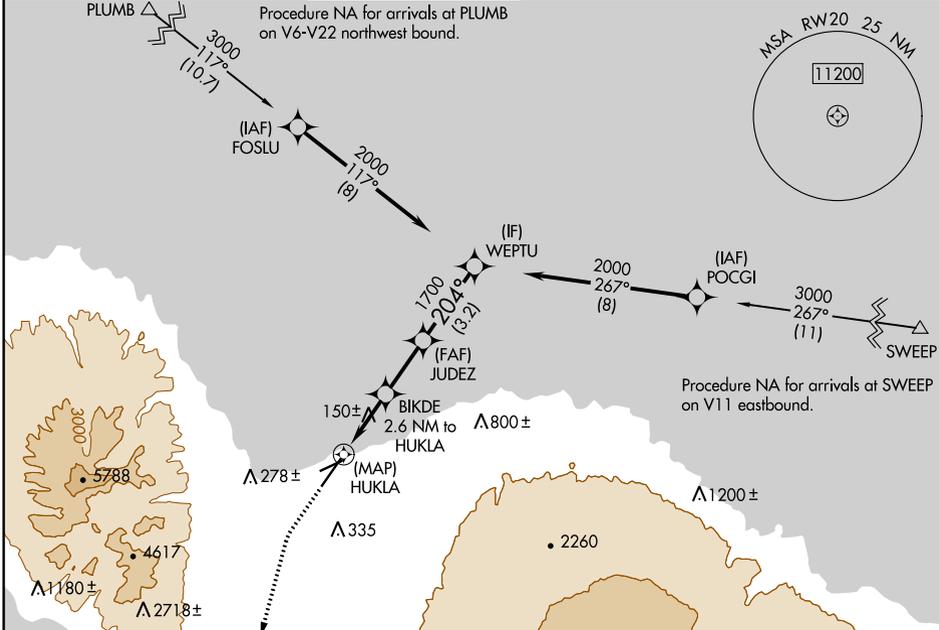
KAHALUI (OGG)(PHOG)

RNP APCH.

⚠ When local altimeter setting not received, procedure NA.

MISSED APPROACH: Climb to 500 then climbing left turn to 4300 direct NDREW and hold.

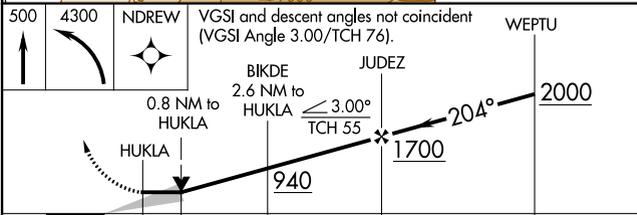
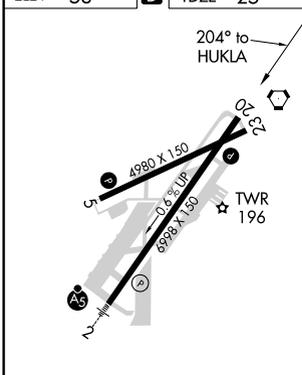
ATIS	HCF APPROACH	MAUI TOWER*	GND CON	CLNC DEL	UNICOM
128.6	120.2 322.4 (NORTH) 119.5 225.4 (SOUTH)	118.7 (CTAF) 0 279.6	121.9 279.6	120.6 290.5	122.95



PAC, 25 JAN 2024 to 21 MAR 2024

PAC, 25 JAN 2024 to 21 MAR 2024

ELEV	53	TDZE	25
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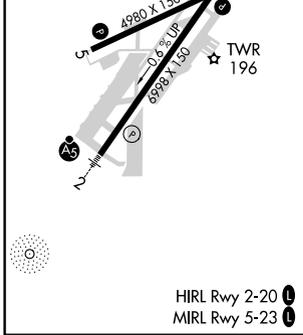
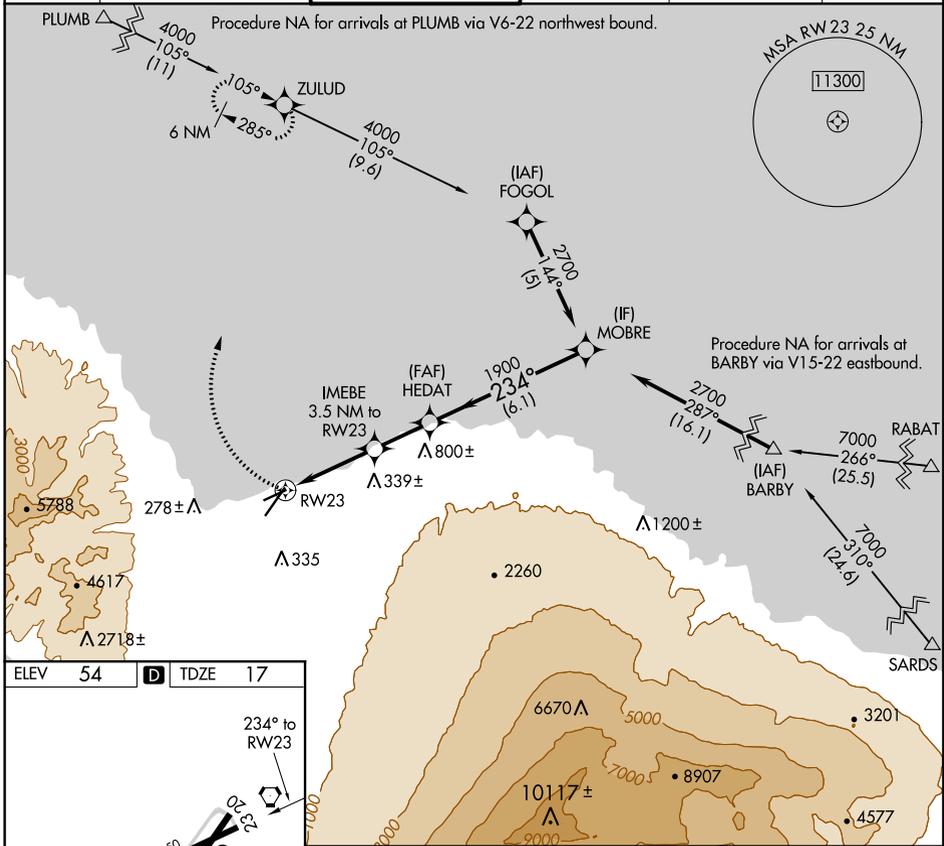
CATEGORY	A	B	C	D
LNAV MDA	400-1 375 (400-1)			
CIRCLING	500-1 447 (500-1)	620-1 567 (600-1)	740-2 687 (700-2)	1140-3 1087 (1100-3)

APP CRS 234°	Rwy Idg 4980
	TDZE 17
	Apt Elev 54

RNAV (GPS) RWY 23

KAHALUI (OGG)(PHOG)

▽	DME/DME RNP-0.3 NA.		MISSED APPROACH: Climbing right turn to 4000 direct ZULUD and hold, continue climb-in-hold to 4000.		
ATIS 128.6	HCF APPROACH 120.2 322.4 (NORTH) 119.5 225.4 (SOUTH)	MAUI TOWER ★ 118.7 (CTAF) 0 279.6	GND CON 121.9 279.6	CLNC DEL 120.6 290.5	UNICOM 122.95



4000	ZULUD	HEDAT	MOBRE	
IMEBE 3.5 NM to RW23	1200	1900	2700	
3.5 NM	2.2 NM	6.1 NM	Procedure Turn NA	
CATEGORY	A	B	C	D
LNAV MDA	460-1	443 (500-1)	460-1¼ 443 (500-1¼)	460-1½ 443 (500-1½)
C CIRCLING	500-1 446 (500-1)	620-1 566 (600-1)	780-2 726 (800-2)	1180-3 1126 (1200-3)

PAC, 25 JAN 2024 to 21 MAR 2024

PAC, 25 JAN 2024 to 21 MAR 2024

APP CRS	Rwy Idg	6995
024°	TDZE	55
	Apt Elev	55

RNAV (RNP) Z RWY 2

KAHULUI (OGG)(PHOG)

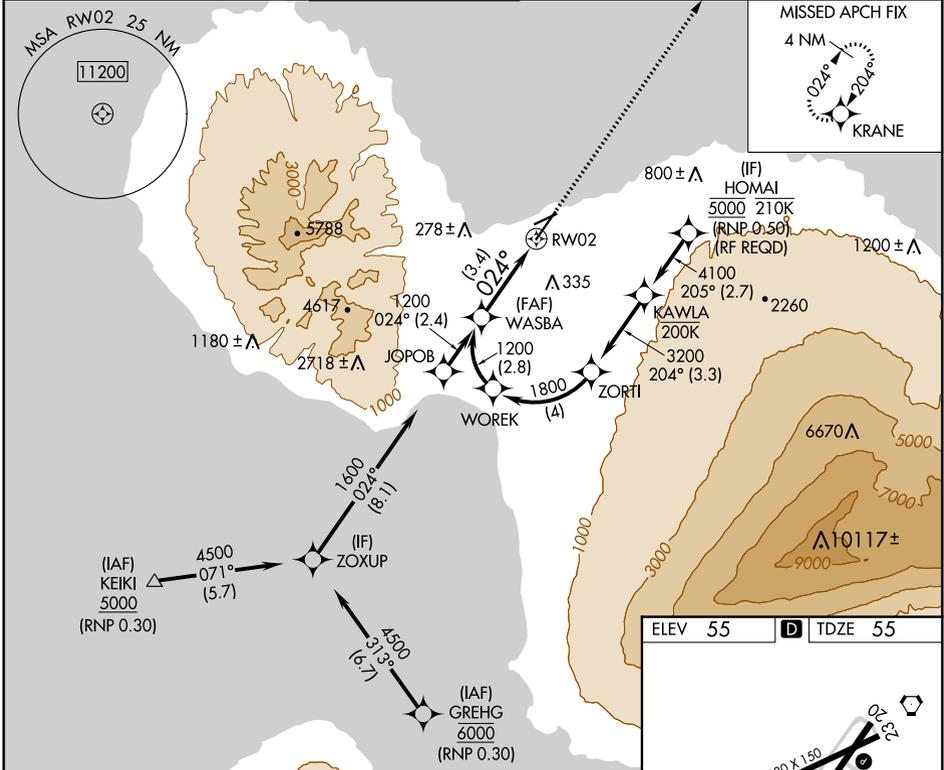
RNP AR APCH - GPS.

▼ For uncompensated Baro-VNAV systems, procedure NA below 14°C or above 54° C. When local altimeter setting not received, procedure NA. For inop ALS, increase RNP 0.30 all Cats visibility to 7/8 SM.

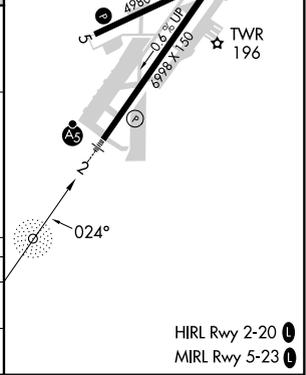
MALSR 

MISSED APPROACH: Climb to 3000 direct KRANE and hold.

ATIS	HCF APPROACH	MAUI TOWER ★	GND CON	CLNC DEL	UNICOM
128.6	120.2 322.4 (NORTH) 119.5 225.4 (SOUTH)	118.7 (CTAF) 0 279.6	121.9 279.6	120.6 290.5	122.95



WASBA	VGSi and RNAV glidepath not coincident (VGSi Angle 3.00/TCH 77).			3000	KRANE
1200	See planview for multiple IF locations.				
GP 3.00°	024°			RW02	
TCH 62	3.4 NM				
CATEGORY	A	B	C	D	
RNP 0.30 DA	394-1/2		339 (400-1/2)		
AUTHORIZATION REQUIRED					



PAC, 25 JAN 2024 to 21 MAR 2024

PAC, 25 JAN 2024 to 21 MAR 2024

HIRL Rwy 2-20 
MIRL Rwy 5-23 

APP CRS	Rwy Idg	6995
024°	TDZE	55
	Apt Elev	55

RNAV (GPS) Y RWY 2

KAHALUI (OGG)(PHOG)

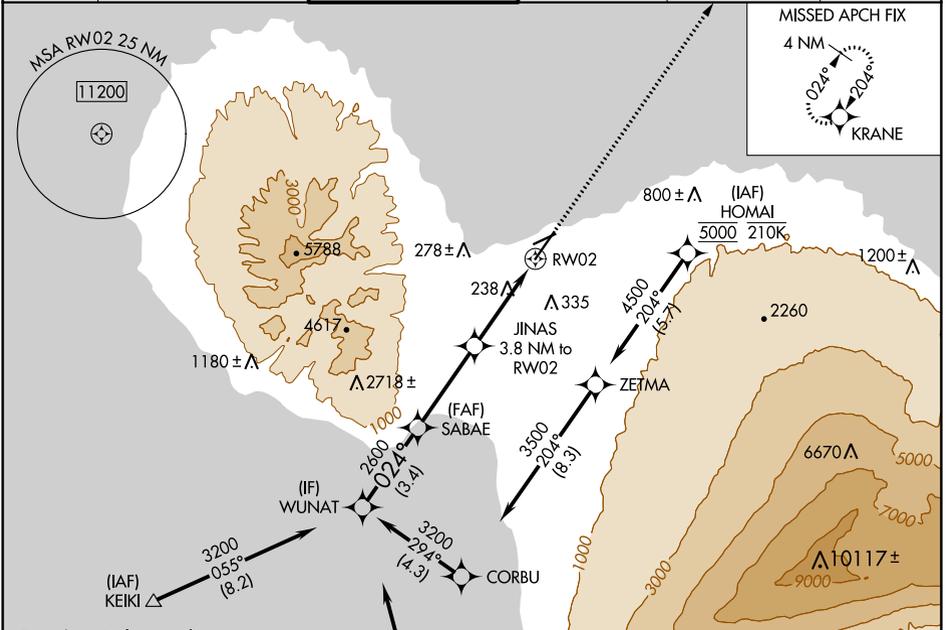
RNP APCH-GPS.

When Kahului altimeter setting not received, procedure NA.

MALSR

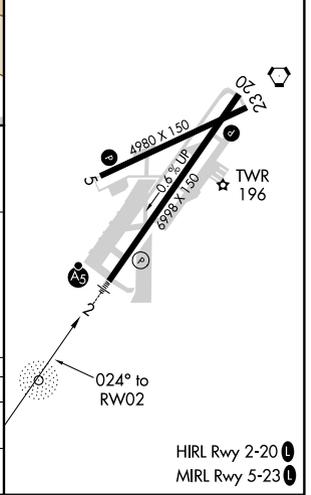
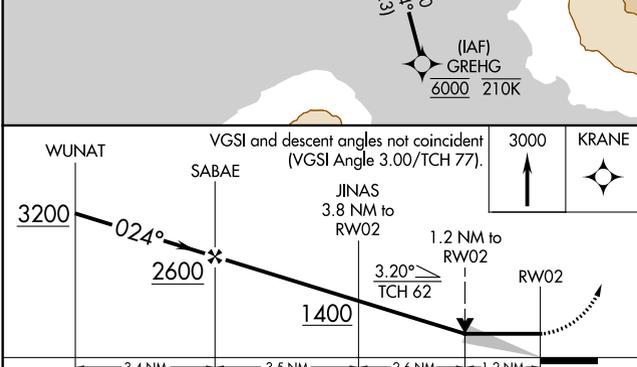
MISSED APPROACH: Climb to 3000 direct KRANE and hold.

ATIS 128.6	HCF APPROACH 120.2 322.4 (NORTH) 119.5 225.4 (SOUTH)	MAUI TOWER ★ 118.7 (CTAF) 0 279.6	GND CON 121.9 279.6	CLNC DEL 120.6 290.5	UNICOM 122.95
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Procedure NA for arrivals at KEIKI on V2-21 westbound.

ELEV 55	TDZE 55
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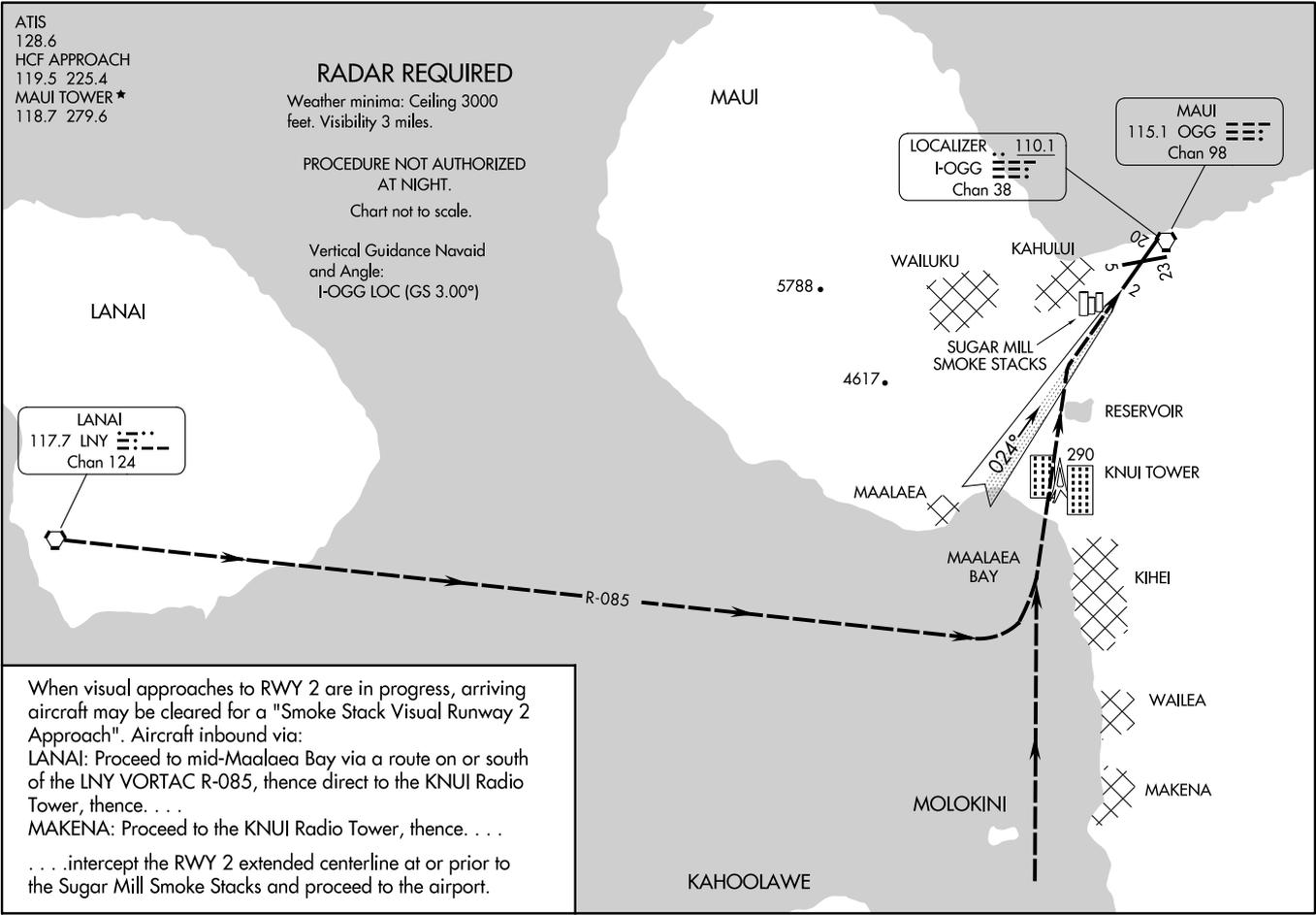


CATEGORY	A	B	C	D
LNVA MDA	500-½ 445 (500-½)		500-⅞ 445 (500-⅞)	
CIRCLING	500-1 445 (500-1)	620-1 565 (600-1)	740-2 685 (700-2)	1140-3 1085 (1100-3)

PAC, 25 JAN 2024 to 21 MAR 2024

PAC, 25 JAN 2024 to 21 MAR 2024

HIRL Rwy 2-20
MIRL Rwy 5-23



When visual approaches to RWY 2 are in progress, arriving aircraft may be cleared for a "Smoke Stack Visual Runway 2 Approach". Aircraft inbound via:
LANAI: Proceed to mid-Maalaea Bay via a route on or south of the LNY VORTAC R-085, thence direct to the KNUI Radio Tower, thence. . . .
MAKENA: Proceed to the KNUI Radio Tower, thence. . . .
 . . . intercept the RWY 2 extended centerline at or prior to the Sugar Mill Smoke Stacks and proceed to the airport.

VORTAC OGG 115.1 Chan 98	APP CRS 194°	Rwy Idg TDZE Apt Elev	6995 25 53
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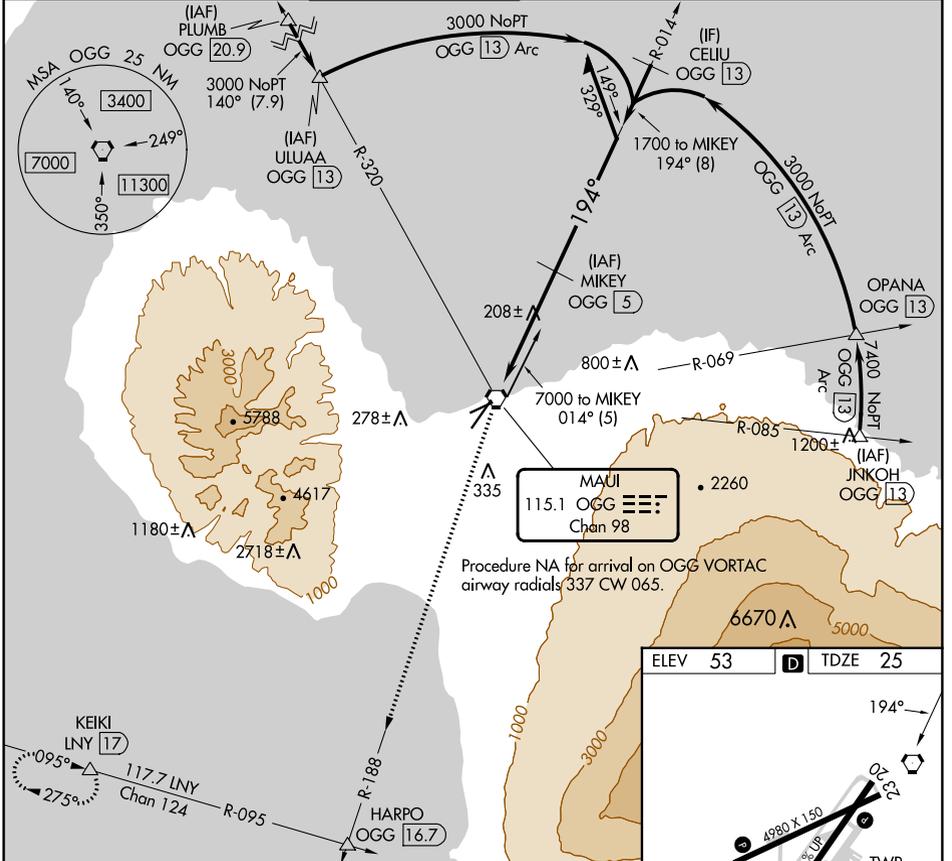
VOR Z or TACAN RWY 20

KAHALUI (OGG)(PHOG)

DME required.

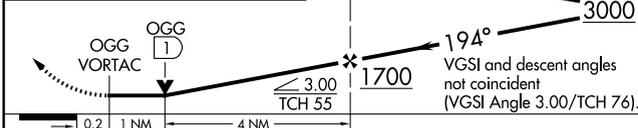
MISSED APPROACH: Climb to 5000 on OGG R-188 to HARPO INT/OGG 16.7 DME then right turn on LNY R-095 to KEIKI 17 DME and hold.

ATIS 128.6	HCF APPROACH 120.2 322.4 (NORTH) 119.5 225.4 (SOUTH)	MAUI TOWER ★ 118.7 (CTAF) 0 279.6	GND CON 121.9 279.6	CLNC DEL 120.6 290.5	UNICOM 122.95
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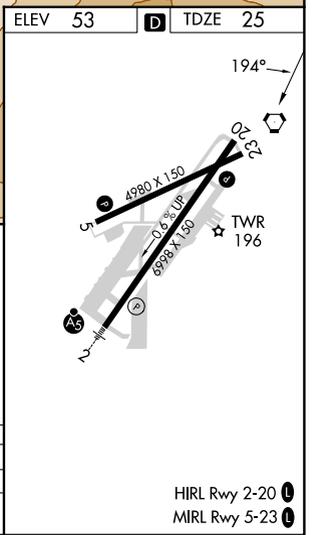


PAC, 25 JAN 2024 to 21 MAR 2024

PAC, 25 JAN 2024 to 21 MAR 2024



CATEGORY	A	B	C	D
S-20	460-1	435 (500-1)	460-1¼	435 (500-1¼)
CIRCLING	500-1 447 (500-1)	620-1 567 (600-1)	740-2 687 (700-2)	1140-3 1087 (1100-3)



HIRL Rwy 2-20
MIRL Rwy 5-23

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
PALAU INTL (ROR) (PTOR).....**NDB Rwy 9¹**
RNAV (GPS) Rwy 9
RNAV (GPS) Rwy 27

NA except standard for operators with approved weather reporting service.

¹Categories A, B, 900-2; Category C, 900-2½; Category D, 900-2¼.

GUAM, GU

GUAM
INTL (GUM) (PGUM).....**ILS or LOC Rwy 6L¹**
ILS or LOC Rwy 6R¹
RNAV (GPS) Y Rwy 24L²
RNAV (GPS) Y Rwy 24R³
RNAV (RNP) Z Rwy 24L⁴
RNAV (RNP) Z Rwy 24R⁵
VOR or TACAN Rwy 24R⁶

¹LOC, Categories A, B, 1200-2; Categories C, D, 1200-3.

²Categories A, B, 900-2; Category C, 900-2¼.

³Categories A, B, 900-2; Category C, 900-2½.

⁴Categories A, B, C, D, 900-3.

⁵Categories A, B, C, D, 800-2½.

⁶Categories A, B, 900-2; Categories C, D 900-2¼.

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 26¹²**
RNAV (GPS) Rwy 21³
RNAV (GPS) Rwy 26³
VOR-B³
VOR/DME or TACAN Rwy 26³
VOR/DME or TACAN-A³

¹NA when control tower closed.

²LOC, Category C, 900-2¼; Category D, 1300-3.

³Category C, 900-2¼; Category D, 1300-3.

HONOLULU, HI

DANIEL K INOUYE
INTL (HNL) (PHNL).....**LOC Rwy 4R¹**
LOC Rwy 8L¹
RNAV (GPS) Rwy 4L²
RNAV (GPS) Rwy 8R³
RNAV (GPS) Y Rwy 4R⁴
RNAV (GPS) Y Rwy 8L⁵
VOR or TACAN Rwy 4R⁶
VOR or TACAN-A¹
VOR or TACAN-B¹

¹Category C, 800-2¼; Category D, 1400-3.

²Category C, 900-2¼; Category D, 1400-3; Category E, 2000-3.

³Category C, 900-2¼; Category D, 1400-3; Category E, 2100-3.

⁴Category D, 1300-3.

⁵Category C, 900-2¼; Category D, 1300-3.

⁶Category C, 900-2¼; Category D, 1400-3.

NAME ALTERNATE MINIMUMS

KAHULUI, HI

KAHULUI (OGG)
(PHOG).....**ILS Y or LOC Y Rwy 2¹²**
ILS Z or LOC Z Rwy 2¹²
RNAV (GPS) Rwy 20³
RNAV (GPS) Rwy 23⁴
RNAV (GPS) Y Rwy 2³⁵
VOR Z or TACAN Rwy 20³

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

KAILUA/KONA, HI

ELLISON ONIZUKA KONA INTL AT
KEAHOLE (KOA) (PHKO).....**ILS or LOC Rwy 17¹**
LOC BC Rwy 35²
RNAV (GPS) Rwy 35²
RNAV (GPS) Y Rwy 17²
VOR or TACAN Rwy 17²
VOR or TACAN Rwy 35²

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

KAPOLEI, OAHU ISLAND, HI

KALAELOA (JOHN RODGERS)
FLD (JRF) (PHJR).....**NDB Rwy 4R¹**
RNAV (GPS) Rwy 4R²

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

KAUNAKAKAI, HI

MOLOKAI (MKK) (PHMK).....**RNAV (GPS)-B¹²**
VOR or TACAN-A³

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

KOSRAE, FM

KOSRAE (TTK) (PTSA).....**RNAV (GPS) Rwy 5¹**
RNAV (GPS) Rwy 23²

¹NA except standard for operators with approved weather reporting service.
²NA 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 3¹²**
VOR or TACAN or GPS-A³

¹NA when local weather not available.
²Category C, 900-2½.
³NA 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 35¹**
RNAV (GPS) Rwy 17²³
RNAV (GPS) Y Rwy 21²³
RNAV (GPS) Y Rwy 35⁴
RNAV (RNP) Z Rwy 21⁵
VOR or TACAN Rwy 21²

¹NA when control tower closed.
²NA when local weather not available.
³Categories C, D, 800-2½.
⁴Category C, 800-2¼; Category D, 800-2½.
⁵RNP 0.30, Categories A, B, C, D, 1000-4.
⁶Category 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 5¹**
RNAV (GPS) Rwy 5²
RNAV (GPS) Rwy 23²
VOR or TACAN-B²

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

POHNPEI ISLAND, FM

POHNPEI INTL (PNI) (PTPN).....**NDB-A¹**
RNAV (GPS) Rwy 27²
RNAV (GPS) X Rwy 9¹
RNAV (RNP) Y Rwy 9³

¹Categories A, B, 1000-2; Categories C, D, 1000-3.
²Category D, 800-2¼.
³Categories 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 9¹
NDB Rwy 27

NA except standard for operators with approved weather reporting service.

¹Categories 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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NAME ALTERNATE MINIMUMS

NAME ALTERNATE MINIMUMS

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 4¹**
NDB Rwy 22²³
RNAV (GPS) Rwy 4²⁴
RNAV (GPS) Rwy 22²⁵

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

YAP ISLAND, FM

YAP INTL (T11) (PTYA).....**NDB Rwy 7¹**
NDB Rwy 25²
NDB/DME Rwy 25²

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

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M3

TAKEOFF MINIMUMS, (OBSTACLE) DEPARTURE PROCEDURES, AND DIVERSE VECTOR AREA (RADAR VECTORS)

24025

INSTRUMENT APPROACH PROCEDURE CHARTS

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.

ANDERSEN AFB (UAM) (PGUA)

YIGO, GU

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES
(23110) (USAF)

TAKEOFF OBSTACLE NOTES:

Rwy 6L, terrain at DER, 222' right of centerline, 618' MSL.

Terrain 3' from DER, 501' left of centerline, 620' MSL.

Terrain 41' from DER, 500' left of centerline, 619' MSL.

Terrain 46' from DER, 512' left of centerline, 619' MSL.

BABELTHUAP ISLAND, PW

PALAU INTL (ROR) (PTRO)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES
AMDT 2 31DEC09 (23222) (FAA)

TAKEOFF MINIMUMS:

Rwy 27, 300-1½ 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.

TAKEOFF MINIMUMS, (OBSTACLE) DEPARTURE PROCEDURES, AND DIVERSE VECTOR AREA (RADAR VECTORS)

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PAC

TAKEOFF MINIMUMS, (OBSTACLE) DEPARTURE PROCEDURES, AND DIVERSE VECTOR AREA (RADAR VECTORS)

24025

BARKING SANDS PMRF (BKH) (PHBK)

KEKAHA, HI

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

ORIG 14JUL22 (22195) (USN)

DEPARTURE PROCEDURE:

Diverse departure NA.

BRADSHAW AAF (BSF) (PHSF)

CAMP POHAKULOA, HI

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 2 07SEP23 (23250) (USA)

TAKEOFF MINIMUMS:

Rwy 9, 8200-5 for VCOA.

DEPARTURE PROCEDURE:

Rwy 9, obtain ATC approval for VOCA when requesting IFR clearance. Climb in visual conditions to cross Bradshaw AAF at or above 14,200 before proceeding on course.**Rwy 27**, climb hgt 271° to join UPP VORTAC R-154 to UPP, climb and maintain at or above 8000 before proceeding on course.

TAKEOFF OBSTACLE NOTES:

Rwy 9, pylon 2667' from DER, 705' right of centerline, 55' AGL/6339' MSL.

Pylon 2578' from DER, 764' right of centerline, 55' AGL/6332' MSL.

Pylon 2382' from DER, 804' right of centerline, 55' AGL/6326' MSL.

Pylon 2193' from DER, 841' right of centerline, 55' AGL/6320' MSL.

Pylon 2005' from DER, 879' right of centerline, 55' AGL/6304' MSL.

Pylon 1785' from DER, 925' right of centerline, 55' AGL/6287' MSL.

Terrain 2000' from DER, 51' left of centerline, 6258' MSL.

BUCHOLZ AAF (KWA) (PKWA)

KWAJALEIN USAKA, MI

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 2 02DEC21 (21336) (USA)

TAKEOFF OBSTACLE NOTES:

Rwy 6, RADAR antenna 10' from DER, 244' left of centerline, 13' AGL/28' MSL.

Terrain 201' from DER, 546' left of centerline, 30' MSL.

GUAM, GU

GUAM INTL (GUM) (PGUM)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 2 25JAN24 (24025) (FAA)

TAKEOFF MINIMUMS:

Rwy 6L, 400-1¼ or std w/min climb of 450'/NM to 800.**Rwy 6R**, 400-1¼ or std w/min climb of 522'/NM to 900.**Rwy 24L**, std w/min climb of 280'/NM to 1700.**Rwy 24R**, std w/min climb of 286'/NM to 1700.

DEPARTURE PROCEDURE:

Rwys 6L/R, climb on heading 063° to 1000 before turning southeast.

TAKEOFF OBSTACLE NOTES:

Rwy 6L, terrain 11' from DER, 300' left of centerline, 306' MSL.

Vegetation, terrain beginning 159' from DER, 316' left of centerline, up to 312' MSL.

Terrain beginning 196' from DER, 316' right of centerline, up to 315' MSL.

Terrain 321' from DER, 452' left of centerline, 315' MSL.

Terrain 328' from DER, 563' right of centerline, 322' 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, terrain beginning 432' from DER, 336' left of centerline, up to 352' MSL.

Terrain beginning 528' from DER, 443' right of centerline, up to 332' MSL.

Trees beginning 599' from DER, 387' left of centerline, up to 361' MSL.

Terrain beginning 611' from DER, 430' right of centerline, up to 337' MSL.

Terrain 700' from DER, 586' right of centerline, 341' MSL.

Trees, terrain beginning 711' from DER, 348' left of centerline, up to 371' MSL.

Terrain 768' from DER, 644' right of centerline, 344' MSL.

Terrain beginning 774' from DER, 465' right of centerline, up to 345' MSL.

Trees, terrain beginning 802' from DER, 358' left of centerline, up to 376' MSL.

Terrain 853' from DER, 688' right of centerline, 348' MSL.

Fences, terrain beginning 885' from DER, 447' right of centerline, up to 9' AGL/358' MSL.

Tree, terrain, fences, pole, sign beginning 993' from DER, 409' right of centerline, up to 371' MSL.

Trees, pole, terrain beginning 1050' from DER, 375' left of centerline, up to 380' MSL.

Trees, traverse ways, sign, poles, terrain, fences beginning 1194' from DER, 359' right of centerline, up to 385' MSL.

Trees, terrain beginning 1215' from DER, 341' left of centerline, up to 392' MSL.

Trees, terrain, poles, fences, traverse ways beginning 1328' from DER, 339' right of centerline, up to 390' MSL.

Trees, terrain beginning 1482' from DER, 318' left of centerline, up to 407' MSL.

Trees, terrain, fences, poles, traverse ways beginning 1524' from DER, 329' right of centerline, up to 395' MSL.

CON'T

TAKEOFF MINIMUMS, (OBSTACLE) DEPARTURE PROCEDURES, AND DIVERSE VECTOR AREA (RADAR VECTORS)

24025

TAKEOFF MINIMUMS, (OBSTACLE) DEPARTURE PROCEDURES, AND DIVERSE VECTOR AREA (RADAR VECTORS)

24025

GUAM, GU (CON'T)

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

Rwy 6L (CON'T), trees, terrain, vegetation beginning 1649' from DER, 79' left of centerline, up to 411' MSL.

Trees, terrain, fences, buildings, poles, traverse way beginning 1701' from DER, 71' right of centerline, up to 399' MSL.

Tree 1861' from DER, 618' left of centerline, 415' MSL.

Trees, terrain beginning 1861' from DER, 3' left of centerline, up to 417' MSL.

Tree, fences beginning 1914' from DER, 733' right of centerline, up to 404' MSL.

Trees, terrain, building, fences beginning 1933' from DER, 110' right of centerline, up to 406' MSL.

Trees, terrain, traverse way, building, fences, pole beginning 1986' from DER, 68' right of centerline, up to 413' MSL.

Trees, buildings, terrain, fences, poles, traverse way beginning 2056' from DER, 78' right of centerline, up to 423' MSL.

Trees, building, fence, pole beginning 2271' from DER, 463' right of centerline, up to 427' MSL.

Trees, terrain, fences, buildings, traverse ways, poles, vertical structure beginning 2301' from DER, 301' right of centerline, up to 435' MSL.

Trees, terrain beginning 2418' from DER, 294' left of centerline, up to 419' MSL.

Trees, terrain beginning 2611' from DER, 297' left of centerline, up to 423' MSL.

Trees, terrain beginning 2761' from DER, 302' left of centerline, up to 426' MSL.

Trees beginning 2908' from DER, 504' left of centerline, up to 427' MSL.

Trees, building beginning 2918' from DER, 497' right of centerline, up to 437' MSL.

Trees, terrain, vegetation, transmission lines, poles beginning 2924' from DER, 15' left of centerline, up to 434' MSL.

Transmission lines, trees, fences, terrain, buildings, poles, traverse ways, signs, tanks, walls, vegetation beginning 2933' from DER, 2' right of centerline, up to 67' AGL/469' MSL.

Poles, trees, transmission line beginning 3770' from DER, 7' left of centerline, up to 86' AGL/436' MSL.

Trees, buildings, vegetation, traverse way, pole, rig, terrain beginning 4058' from DER, 45' right of centerline, up to 473' MSL.

Trees, poles, fences, buildings beginning 4683' from DER, 578' right of centerline, up to 474' MSL.

Trees, poles beginning 5048' from DER, 254' right of centerline, up to 480' MSL.

Pole, trees, building beginning 5205' from DER, 266' right of centerline, up to 34' AGL/516' MSL.

Trees, pole beginning 5486' from DER, 378' right of centerline, up to 536' MSL.

Trees, buildings beginning 5635' from DER, 492' right of centerline, up to 556' MSL.

Trees, poles, buildings beginning 5767' from DER, 640' right of centerline, up to 576' MSL.

Trees, poles beginning 1.1 NM from DER, 697' right of centerline, up to 622' MSL.

Rwy 6R, terrain beginning 0' from DER, 110' left of centerline, up to 302' MSL.

Light poles 9' from DER, 159' left of centerline, 1' AGL/303' MSL.

Signs beginning 58' from DER, 280' left of centerline, up to 4' AGL/304' MSL.

Trees beginning 139' from DER, 442' right of centerline, up to 378' MSL.

Trees, terrain beginning 163' from DER, 408' right of centerline, up to 390' MSL.

Trees, terrain beginning 616' from DER, 408' right of centerline, up to 405' MSL.

Trees, pole, terrain beginning 939' from DER, 276' right of centerline, up to 407' MSL.

Trees, terrain beginning 1110' from DER, 449' right of centerline, up to 414' MSL.

Trees beginning 1231' from DER, 572' right of centerline, up to 417' MSL.

Trees, terrain beginning 1291' from DER, 406' right of centerline, up to 424' MSL.

Trees, terrain, fences, buildings, poles, traverse ways, wall beginning 1648' from DER, on and right of centerline, up to 432' MSL.

Terrain 1853' from DER, 10' left of centerline, 348' MSL.

Fences beginning 1884' from DER, 27' left of centerline, up to 9' AGL/358' MSL.

Pole, fences, sign beginning 2073' from DER, 20' left of centerline, up to 14' AGL/362' MSL.

Trees, sign, pole, fences beginning 2194' from DER, 12' left of centerline, up to 385' MSL.

Trees, pole, fences beginning 2328' from DER, on and left of centerline, up to 390' MSL.

Trees, fences beginning 2524' from DER, 24' left of centerline, up to 395' MSL.

Tree 2903' from DER, 20' left of centerline, 397' MSL.

Tree, fence beginning 2932' from DER, 12' left of centerline, up to 406' MSL.

Trees, fences beginning 3033' from DER, on and left of centerline, up to 409' MSL.

Buildings, trees, fences, poles beginning 3208' from DER, 6' right of centerline, up to 29' AGL/435' MSL.

Trees, fences, buildings beginning 3298' from DER, 16' right of centerline, up to 444' MSL.

Transmission line, buildings, traverse way, trees, fences, poles, vertical structure beginning 3359' from DER, 5' right of centerline, up to 76' AGL/482' MSL.

Tree 3363' from DER, 1081' left of centerline, 414' MSL.

Trees beginning 3430' from DER, 220' left of centerline, up to 415' MSL.

Trees beginning 3524' from DER, 60' left of centerline, up to 417' MSL.

Transmission lines, trees, buildings, fences, traverse ways, poles, signs, terrain beginning 3571' from DER, 20' right of centerline, up to 81' AGL/486' MSL.

Tree 3590' from DER, 1430' left of centerline, 419' MSL.

Tree 3609' from DER, 338' left of centerline, 421' MSL.

Trees beginning 3616' from DER, 57' left of centerline, up to 425' MSL.

Tree 3920' from DER, 1257' left of centerline, 427' MSL.

Trees beginning 3924' from DER, 37' left of centerline, up to 434' MSL.

Trees, poles, buildings, tanks, transmission line, traverse ways beginning 4375' from DER, 56' right of centerline, up to 516' MSL.

Trees, transmission lines, pole beginning 4427' from DER, 42' left of centerline, up to 446' MSL.

Trees, buildings, pole, traverse way beginning 4681' from DER, 179' right of centerline, up to 522' MSL.

Trees, buildings, poles beginning 4792' from DER, 29' right of centerline, up to 554' MSL.

Trees, poles beginning 4814' from DER, 23' left of centerline, up to 456' MSL.

Trees, poles, traverse ways, buildings beginning 5014' from DER, 590' right of centerline, up to 568' MSL.

Trees, vegetation beginning 5058' from DER, 9' left of centerline, up to 473' MSL.

Trees, buildings, pole beginning 5218' from DER, 16' right of centerline, up to 585' MSL.

CON'T

TAKEOFF MINIMUMS, (OBSTACLE) DEPARTURE PROCEDURES, AND DIVERSE VECTOR AREA (RADAR VECTORS)

24025

TAKEOFF MINIMUMS, (OBSTACLE) DEPARTURE PROCEDURES, AND DIVERSE VECTOR AREA (RADAR VECTORS)

24025

GUAM, GU (CON'T)

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

Rwy 6R (CON'T), trees, buildings, pole beginning 5418' from DER, 19' right of centerline, up to 597' MSL.

Trees, pole beginning 5684' from DER, 54' right of centerline, up to 615' MSL.

Tree 5814' from DER, 2036' right of centerline, 636' MSL.

Poles, trees beginning 5850' from DER, 113' right of centerline, up to 41' AGL/654' MSL.

Trees, pole beginning 5965' from DER, 529' right of centerline, up to 660' MSL.

Buildings, trees, poles, terrain beginning 1 NM from DER, 26' right of centerline, up to 90' AGL/702' MSL.

Tree 1.1 NM from DER, 150' left of centerline, 479' MSL.

Rwy 24L, light poles, terrain beginning 10' from DER, 85' right of centerline, up to 2' AGL/233' MSL.

Light poles 11' from DER, 4' left of centerline, 1' AGL/232' MSL.

Signs beginning 59' from DER, 282' right of centerline, up to 3' AGL/239' MSL.

Tree 1416' from DER, 365' left of centerline, 269' MSL.

Tree 1511' from DER, 405' left of centerline, 270' MSL.

Tree 1578' from DER, 333' left of centerline, 273' MSL.

Rwy 24R, light poles, sign beginning 12' from DER, 2' right of centerline, up to 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.

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.

TAKEOFF MINIMUMS, (OBSTACLE) DEPARTURE PROCEDURES, AND DIVERSE VECTOR AREA (RADAR VECTORS)

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TAKEOFF MINIMUMS, (OBSTACLE) DEPARTURE PROCEDURES, AND DIVERSE VECTOR AREA (RADAR VECTORS)

24025

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 2 05OCT23 (23278) (FAA)

Rwys 2, 5, heading as assigned by ATC.**Rwy 20**, heading as assigned by ATC; requires min climb of 490'/NM to 5000.

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.

TAKEOFF MINIMUMS, (OBSTACLE) DEPARTURE PROCEDURES, AND DIVERSE VECTOR AREA (RADAR VECTORS)

24025

TAKEOFF MINIMUMS, (OBSTACLE) DEPARTURE PROCEDURES, AND DIVERSE VECTOR AREA (RADAR VECTORS)

24025

KANEOHE BAY MCAS (NGF) (PHNG)

MOKAPU POINT, HI

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 2 12AUG21 (21224) (USN)

TAKEOFF MINIMUMS:

Rwy 4, diverse departures authorized 335° clockwise 020°.**Rwy 22**, diverse departure NA. Std w/min climb of 975'/NM to 3900 or 1300-3 for VCOA.

VCOA:

Obtain ATC approval for VCOA when requesting IFR clearance. Climb in visual conditions to cross NGF TACAN at or above 1200, intercept NGF TACAN R-340 or R-360 as assigned by ATC. Do not exceed 250Kt until passing NGF.

TAKEOFF OBSTACLE NOTES:

Rwy 4, terrain 0' from DER, 484' right of centerline, 26' MSL.

Terrain 28' from DER, 479' right of centerline, 26' 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.

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.

TAKEOFF MINIMUMS, (OBSTACLE) DEPARTURE PROCEDURES, AND DIVERSE VECTOR AREA (RADAR VECTORS)

24025

PAC

TAKEOFF MINIMUMS, (OBSTACLE) DEPARTURE PROCEDURES, AND DIVERSE VECTOR AREA (RADAR VECTORS)

24025

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.

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.

TAKEOFF MINIMUMS, (OBSTACLE) DEPARTURE PROCEDURES, AND DIVERSE VECTOR AREA (RADAR VECTORS)

24025

TAKEOFF MINIMUMS, (OBSTACLE) DEPARTURE PROCEDURES, AND DIVERSE VECTOR AREA (RADAR VECTORS)

24025

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.

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

FRANCISCO MANGLONA BORJA/TINIAN INTL (TNI) (PGWT)

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 1 27AUG09 (23222) (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.

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WAKE ISLAND AFLD (AWK) (PWAK)

WAKE ISLAND, QW

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 1 (19227)

TAKEOFF OBSTACLE NOTES:

Rwy 10, terrain 0' from DER, 500' left of centerline, 23' MSL.

Terrain 48' from DER, 110' left of centerline, 23' MSL.

Bunker 819' from DER, 370' right of centerline, 12' AGL/40' MSL.

Bunker 377' from DER, 497' left of centerline, 15' AGL/41' MSL.

Bush 383' from DER, 483' left of centerline, 7' AGL/45' MSL.

Bush 813' from DER, 367' right of centerline, 6' AGL/40' MSL.

Rwy 28, terrain 0' inward of DER, 484' right of centerline, 25' MSL.

Terrain 75' from DER, 510' right of centerline, 26' 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.

WHEELER AAF (HHI) (PHHI)

WAHIAWA, HI

TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES

AMDT 7 07SEP23 (23250) (USA)

TAKEOFF MINIMUMS:

Rwy 6, 300-1 w/min climb of 357'/NM to 3600 or std w/min climb of 473'/NM to 2900.**Rwy 24**, NA-Obstacles.

DEPARTURE PROCEDURE:

Rwy 6, climbing right turn to hdg 150° to intercept CKH VORTAC R-294 to CKH VORTAC.

TAKEOFF OBSTACLE NOTES:

Rwy 6, pylon 5417' from DER, 33' right of centerline, 90' AGL/979' MSL.

Pylon 3192' from DER, 858' left of centerline, 100' AGL/972' MSL.

Pylon 3182' from DER, 845' left of centerline, 100' AGL/972' MSL.

Pylon 4800' from DER, 113' left of centerline, 90' AGL/966' MSL.

Pylon 3954' from DER, 644' left of centerline, 100' AGL/962' MSL.

Pylon 3612' from DER, 357' left of centerline, 90' AGL/959' MSL.

Pylon 2802' from DER, 512' left of centerline, 90' AGL/956' MSL.

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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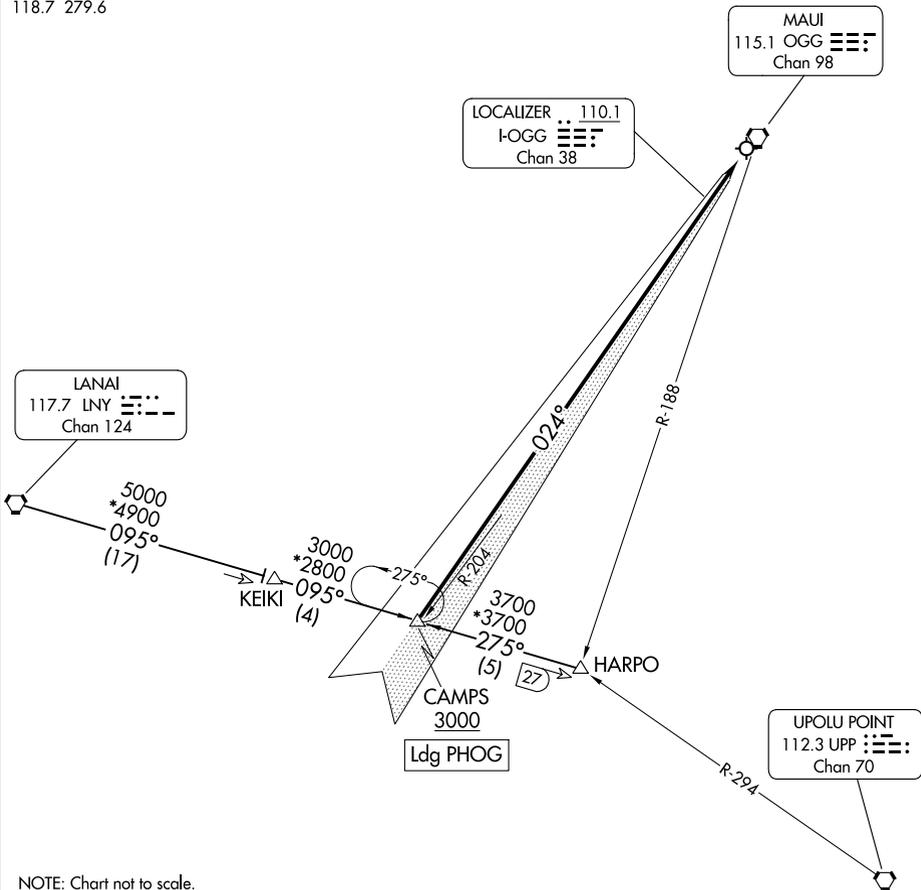
TAKEOFF MINIMUMS, (OBSTACLE) DEPARTURE PROCEDURES, AND DIVERSE VECTOR AREA (RADAR VECTORS)

24025

PAC

HCF CENTER
119.5 225.4
ATIS
128.6
MAUI TOWER*
118.7 279.6

RADAR required to HARPO.
DME required for LANAI Transition.



NOTE: Chart not to scale.

ARRIVAL ROUTE DESCRIPTION

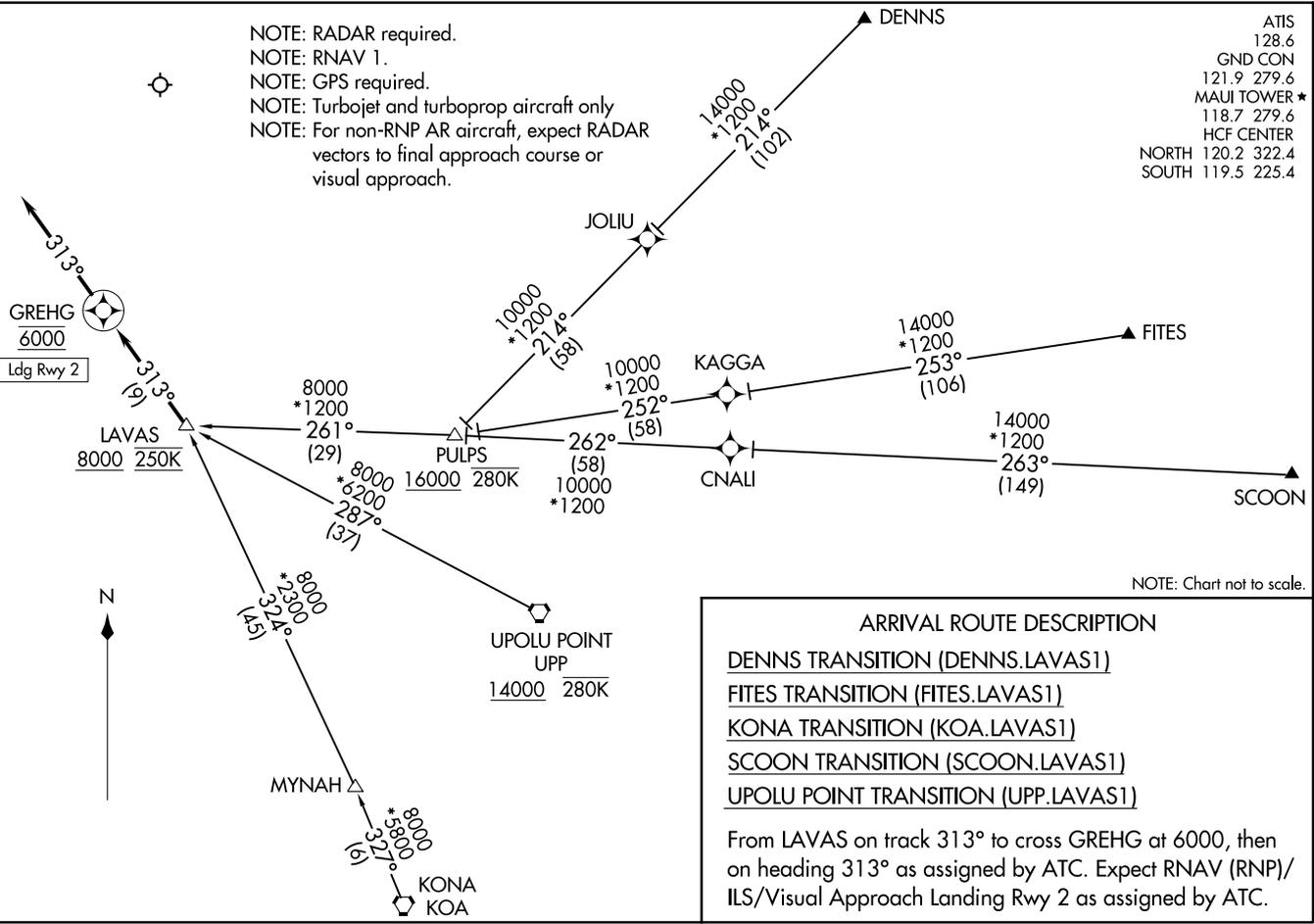
HARPO TRANSITION (HARPO.CAMPS4): From over HARPO on LNY R-095 to CAMPS.
Thence

LANAI TRANSITION (LNY.CAMPS4): From over LNY VORTAC on LNY R-095 to CAMPS.
Thence

. . . . cross CAMPS at or above 3000, then on I-OGG localizer course. Expect
ILS Y or LOC Y RWY 2 approach.

LAVAS ONE ARRIVAL (RNAV)
(LAVAS.LAVAS1) 20JUN19

KAHULUI HAWAII
(OGG) (PHOG)
KAHULUI (OGG) (PHOG)



NOTE: RADAR required.
 NOTE: RNAV 1.
 NOTE: GPS required.
 NOTE: Turbojet and turboprop aircraft only
 NOTE: For non-RNP AR aircraft, expect RADAR vectors to final approach course or visual approach.

ATIS 128.6
 GND CON 121.9 279.6
 MAUI TOWER * 118.7 279.6
 HCF CENTER
 NORTH 120.2 322.4
 SOUTH 119.5 225.4

NOTE: Chart not to scale.

ARRIVAL ROUTE DESCRIPTION

DENNS TRANSITION (DENNS.LAVAS1)
FITES TRANSITION (FITES.LAVAS1)
KONA TRANSITION (KOA.LAVAS1)
SCOON TRANSITION (SCOON.LAVAS1)
UPOLU POINT TRANSITION (UPP.LAVAS1)

From LAVAS on track 313° to cross GREHG at 6000, then on heading 313° as assigned by ATC. Expect RNAV (RNP)/ ILS/Visual Approach Landing Rwy 2 as assigned by ATC.

(LAVAS.LAVAS1) 19171
LAVAS ONE ARRIVAL (RNAV)

AL-762 (FAA)

KAHULUI (OGG) (PHOG)
KAHULUI HAWAII

(LNDHY.LNDHY1) 19171

LNDHY ONE ARRIVAL (RNAV)

AL-762 (FAA)

KAHULUI (OGG) (PHOG)

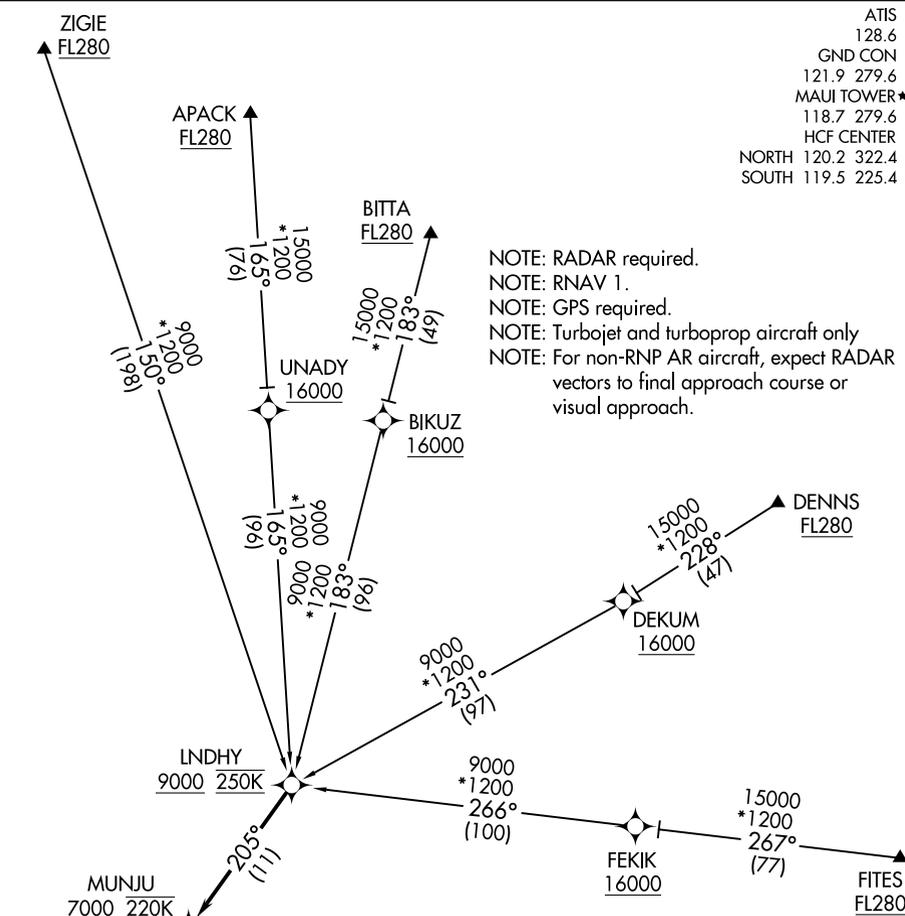
KAHULUI, HAWAII

ATIS 128.6
 GND CON 121.9 279.6
 MAUI TOWER* 118.7 279.6
 HCF CENTER
 NORTH 120.2 322.4
 SOUTH 119.5 225.4

NOTE: RADAR required.
 NOTE: RNAV 1.
 NOTE: GPS required.
 NOTE: Turbojet and turboprop aircraft only
 NOTE: For non-RNP AR aircraft, expect RADAR vectors to final approach course or visual approach.

PAC, 25 JAN 2024 to 21 MAR 2024

PAC, 25 JAN 2024 to 21 MAR 2024



ARRIVAL ROUTE DESCRIPTION

- APACK TRANSITION (APACK.LNDHY1)
- BITTA TRANSITION (BITTA.LNDHY1)
- DENNS TRANSITION (DENNS.LNDHY1)
- FITES TRANSITION (FITES.LNDHY1)
- ZIGIE TRANSITION (ZIGIE.LNDHY1)

From LNDHY on track 205° to cross MUNJU at or above 7000 and at 220K, then on track 204° to cross HOMAI at 5000 and at 210K, then on track 204° . Expect RNAV (RNP)/ILS/Visual Approach Landing Rwy 2, as assigned by ATC.

NOTE: Chart not to scale.

LNDHY ONE ARRIVAL (RNAV)

(LNDHY.LNDHY1) 20JUN19

KAHULUI, HAWAII
KAHULUI (OGG) (PHOG)