


## CAMPS THREE ARRIVAL

ST-762 (FAA)


KAHULUI (OGG)(PHOG)  
KAHULUI, HAWAII

ATIS	
128.6	
HCF CENTER	
119.5	225.4
MAUI TOWER★	
118.7	279.6

LOCALIZER 110.1  
I-OGG 

MAUI  
115.1 OGG   
Chan 98

VALLEY ISLAND  
327 VYI

LANAI  
117.7 LNY   
Chan 124  
N20° 45.87'-W156° 58.13'  
P-2

KEIKI  
N20°41.15'  
W156°40.70'

CAMPS  
N20°39.92'  
W156°36.16'

HARPO  
N20°38.49'  
W156°30.92'

UPOLU POINT  
112.3 UPP :::::  
Chan 70

NOTE: RADAR required to HARPO INT.

NOTE: Chart not to scale.

## ARRIVAL ROUTE DESCRIPTION

HARPO TRANSITION (HARPO.CAMPS3): From over HARPO INT via LNY R-095 to CAMPS INT. Thence . . . .

LANAI TRANSITION (LNY.CAMPS3): From over LNY VORTAC via KEIKI INT and LNY R-095 to CAMPS INT. Thence . . . .

... From over CAMPS INT on I-OGG localizer course to Kahului Airport.

LOST COMMUNICATIONS:

At CAMPS INT, proceed with the ILS RWY 2 approach.

## CAMPS THREE ARRIVAL

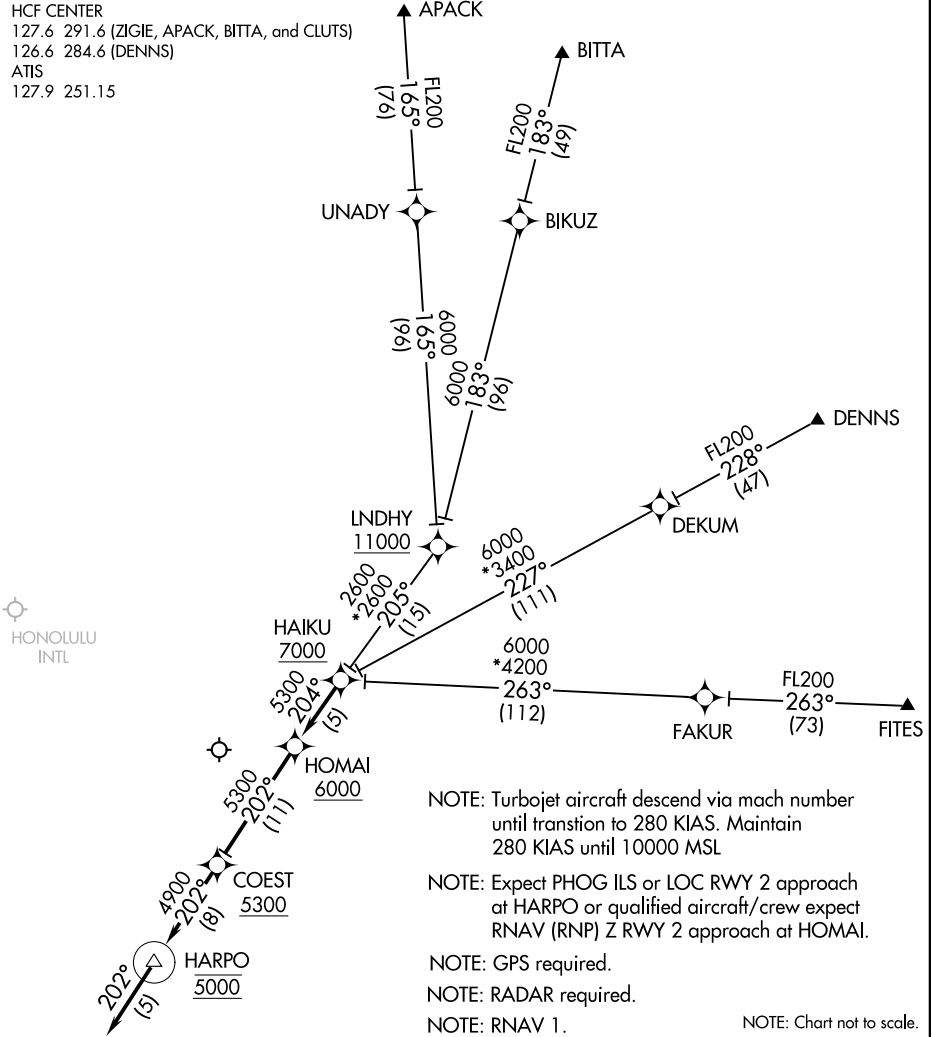
(CAMPS.CAMPS3) 25AUG11

KAHULUI, HAWAII  
KAHULUI (OGG)(PHOG)

**PAC, 10 NOV 2016 to 05 JAN 2017**

PAC, 10 NOV 2016 to 05 JAN 2017

HCF CENTER  
127.6 291.6 (ZIGIE, APACK, BITTA, and CLUTS)  
126.6 284.6 (DENNS)  
ATIS  
127.9 251.15



ARRIVAL ROUTE DESCRIPTION

- APACK TRANSITION (APACK.HAIKU1)
- BITTA TRANSITION (BITTA.HAIKU1)
- DENNS TRANSITION (DENNS.HAIKU1)
- FITES TRANSITION (FITES.HAIKU1)

From HAIKU on track 204° to cross HOMAI at/above 6000, then on track 202° to cross COEST at/above 5300, then on track 202° to cross HARPO at 5000, then on heading 202°. Expect RADAR vectors.

ILS or LOC RWY 2  
KAHULUI (OGG)(PHOG)

**MISSED APPROACH:** Climb to 3000 via OGG R-024 then climbing right turn to 5000 direct OGG VORTAC, then via OGG R-190 and JNY R-095 to CAMPS and hold.

The map displays the Hawaiian Islands with various navigation aids and flight paths. Key elements include:

- Navigation Aids:**
  - LOCALIZER .. 110.1**, **I-OGG 5.5**, **Chan 38**
  - MAUI 115.1 OGG Chan 98**
  - VALLEY ISLAND 327 VYI**
  - TEBBS I-OGG 10 RADAR**
  - (IAF) KEIKI LNY 17**
  - (IF/IAF) CAMPS I-OGG 17.5**
  - LNY 21.4**
  - (IAF) HARPO LNY 26.6**
- Flight Paths:**
  - R-095**: Path from the bottom left towards the center.
  - R-024**: Path from the top right towards the center.
  - R-190**: Path from the center towards the bottom right.
- Terrain and Elevation:**
  - MSA OGG 25 NM** circle with bearings 180°, 270°, 360° and frequencies 7000, 11300.
  - Elevations:** 5788, 4617, 3473±, 1180±, 1801±, 1742±, 1686±, 252, 120, 317, 236±, 335, 2260, 6670, 5000, 7000, 9000, 8907, 10023.
- Other Labels:**
  - ALTERNATE MISSED APCH FIX** with a circular diagram showing bearings 024° and 204°.
  - Valley Island VVI** with a bearing of 327.

[illegible]

**PAC, 10 NOV 2016 to 05 JAN 2017**

NDB VYI <b>327</b>	APP CRS <b>005°</b>	Rwy Idg TDZE <b>54</b> Apt Elev <b>54</b>
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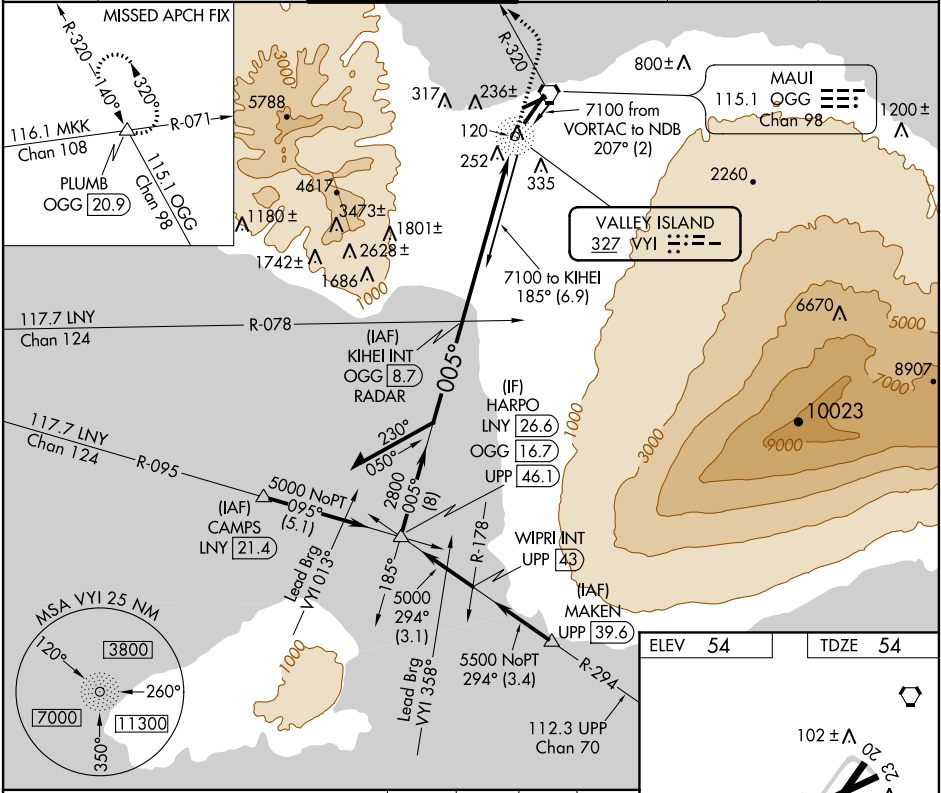
NDB RWY 2  
KAHALUI (OGG)(PHOG)

**⚠** Inoperative table does not apply to S-2 Cats C and D.

**MALSR**

**MISSED APPROACH:** Climb to 2200 on VYI NDB bearing 005° then climbing left turn to 5000 on heading 300° and OGG VORTAC R-320 to PLUMB/OGG 20.9 DME and hold, continue climb-in-hold to 5000.

ATIS <b>128.6</b>	HCF APPROACH <b>120.2 322.4 (NORTH)</b> <b>119.5 225.4 (SOUTH)</b>	MAUI TOWER ★ <b>118.7 (CTAF) 0 279.6</b>	GND CON <b>121.9 279.6</b>	CLNC DEL <b>120.6 290.5</b>	UNICOM <b>122.95</b>
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Remain within 10 NM

4800 → 185° → 005° → 2800

KIHEI INT OGG [8.7] RADAR 6400

2200 → 5000

hdg 300°

VYI 005°

VGSi and descent angles not coincident (VGSi Angle 3.00/TCH 65).

3.39° TCH 65

VYI NDB

6.9 NM

0.6

ELEV 54 TDZE 54

HIRL Rwy 2-20

MIRL Rwy 5-23

CATEGORY	A	B	C	D
S-2	840-3/4 786 (800-3/4)	840-1 786 (800-1)	840-2 1/2 786 (800-2 1/2)	
CIRCLING	840-1 786 (800-1)	840-1 1/4 786 (800-1 1/4)	840-2 1/2 786 (800-2 1/2)	1180-3 1126 (1200-3)

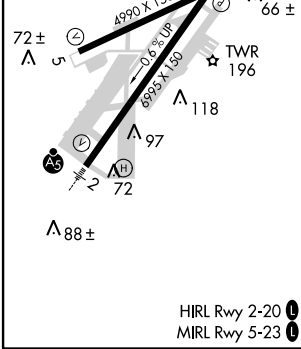
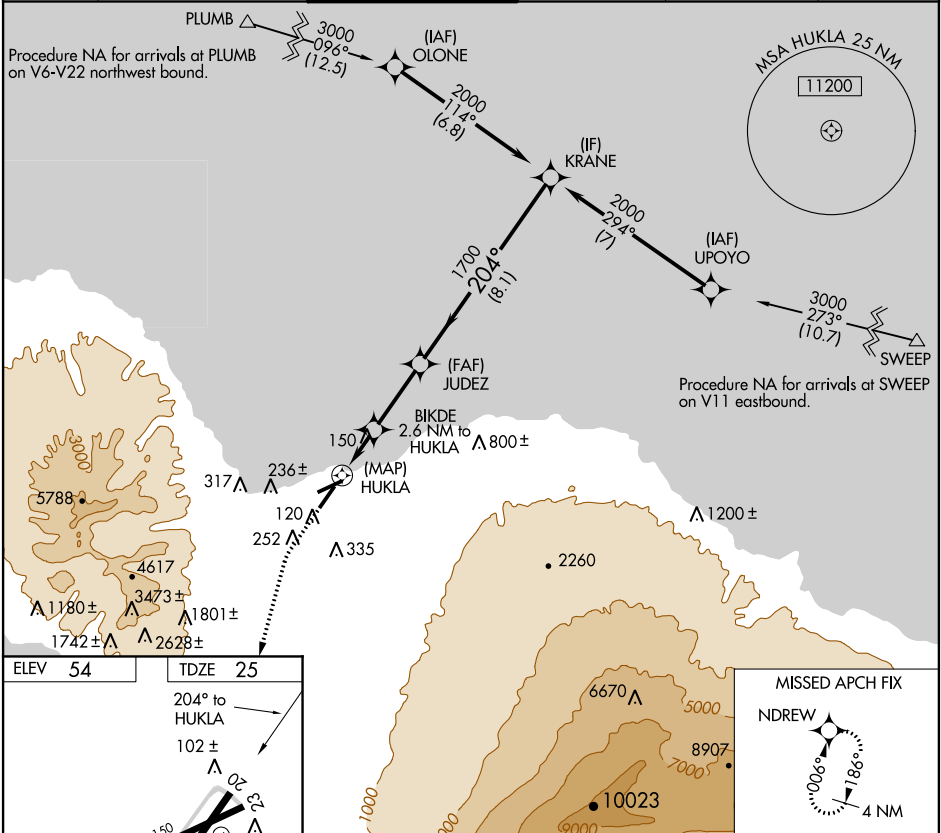
PAC, 10 NOV 2016 to 05 JAN 2017

PAC, 10 NOV 2016 to 05 JAN 2017

APP CRS	Rwy Idg	6995
204°	TDZE	25
	Apt Elev	54

RNAV (GPS) RWY 20  
KAHULUI (OGG)(PHOG)

<p>When local altimeter setting not received, procedure NA. DME/DME RNP-0.3 NA.</p>		<p>MISSED APPROACH: Climb to 500 then climbing left turn to 4300 direct NDREW and hold.</p>		
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		



500 ↑	4300 ↙	NDREW ✦	KRANE			
BIKDE 2.6 NM to HUKLA		JUDEZ	204°		2000	
1 NM to RW20 HUKLA		3.00° TCH 76	920	1700		
0.2		0.8	1.8 NM	2.3 NM	8.1 NM	
CATEGORY	A		B	C	D	
LNAV MDA	400-1 375 (400-1)					
CIRCLING	500-1 446 (500-1)	620-1 566 (600-1)	780-2 726 (800-2)	1180-3 1126 (1200-3)		

PAC, 10 NOV 2016 to 05 JAN 2017

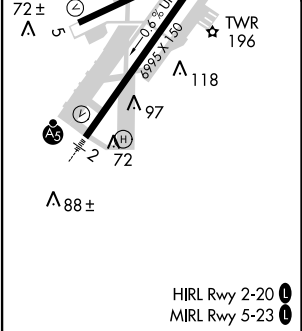
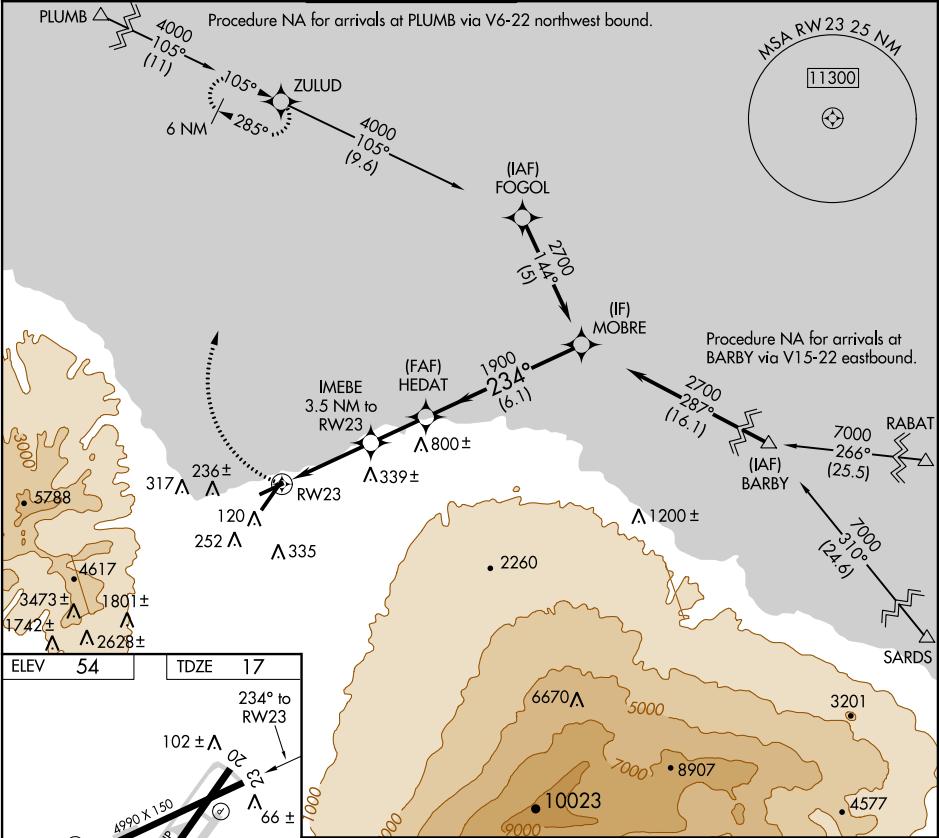
PAC, 10 NOV 2016 to 05 JAN 2017

APP CRS	Rwy Idg	4990
234°	TDZE	17
	Apt Elev	54

RNAV (GPS) RWY 23  
KAHULUI (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.
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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



	ZULUD	HEDAT	MOBRE	
	IMEBE 3.5 NM to RW23	3.05° TCH 50	234° 2700	Procedure Turn NA
	4000	1200	1900	
	3.5 NM	2.2 NM	6.1 NM	
CATEGORY	A	B	C	D
LNAV MDA	460-1	443 (500-1)	460-1¼ 443 (500-1¼)	460-1½ 443 (500-1½)
CIRCLING	500-1 446 (500-1)	620-1 566 (600-1)	780-2 726 (800-2)	1180-3 1126 (1200-3)

PAC, 10 NOV 2016 to 05 JAN 2017

PAC, 10 NOV 2016 to 05 JAN 2017

APP CRS	Rwy Idg	6995
024°	TDZE	54
	Apt Elev	54

RNAV (RNP) Z RWY 2

KAHULUI (OGG)(PHOG)

▼

For uncompensated Baro-VNAV systems, procedure NA below 7°C (45°F) or above 48°C (119°F). RF required. GPS required. For inoperative MALS, increase RNP 0.30 all Cats visibility to 1½ mile.

MALS

MISSED APPROACH:

Climb to 3000 on track 024° to 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

WUNBU	JOLUN	ZEGUN	COVSU	RW02
5000	4300	3000	1600	
GP 3.00°				
TCH 62				
	4.2 NM	4.2 NM	4.7 NM	4.7 NM
CATEGORY	A	B	C	D
RNP 0.30 DA		395-¾	341 (400-¾)	
AUTHORIZATION REQUIRED				

KAHULUI, HAWAII

Orig-A 13NOV14

20°54'N-156°26'W

KAHULUI (OGG)(PHOG)

RNAV (RNP) Z RWY 2

APP CRS	Rwy Idg	6995
021°	TDZE	54
	Apt Elev	54

RNAV (GPS) Y RWY 2  
KAHULUI (OGG)(PHOG)

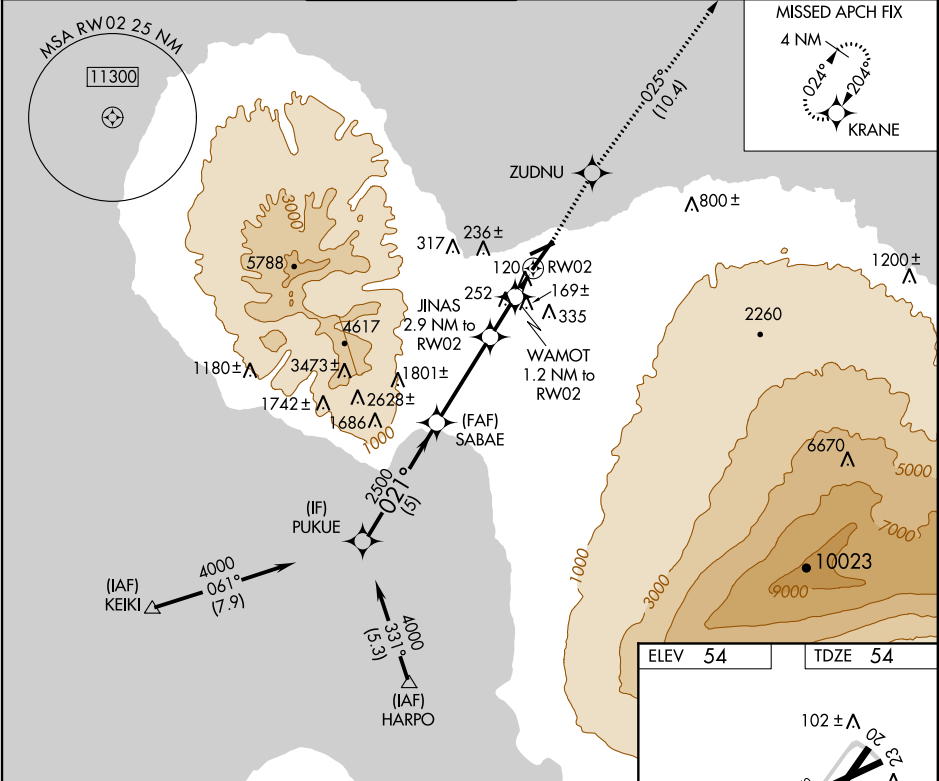
**▼** For inoperative MALS, increase LNAV all Cats visibility to 1 mile.

**▲** DME/DME RNP-0.3 NA.

**MALS**

**MISSED APPROACH:** Climb to 3000 direct ZUDNU and on track 025° to 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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VGSI and descent angles not coincident (VGSI Angle 3.00/TCH 65).				
PUKUE		SABAE		
4000		2500		
021°		021°		
1180		560		
5 NM		3.6 NM		
JINAS		WAMOT		
2.9 NM to RW02		1.2 NM to RW02		
3.46°		TCH 65		
RW02		RW02		
1.7 NM		1.2		
CATEGORY	A	B	C	D
LNAV MDA	420-¾ 366 (400-¾)			
CIRCLING	500-1 446 (500-1)	620-1 566 (600-1)	780-2 726 (800-2)	1180-3 1126 (1200-3)

PAC, 10 NOV 2016 to 05 JAN 2017

PAC, 10 NOV 2016 to 05 JAN 2017



ATIS 128.6  
HCF APPROACH  
119.5 225.4  
MAUI TOWER ★  
118.7 279.6

## RADAR REQUIRED

Weather minima: Ceiling 3000  
feet. Visibility 3 miles.

PROCEDURE NOT AUTHORIZED  
AT NIGHT.

Chart not to scale.

Vertical Guidance Navaid  
and Angle:  
I-OGG LOC (GS 3.00°)

LANAI

LANAI  
117.7 LNY  
Chan 124

R-085

MAUI

LOCALIZER 110.1  
I-OGG

MAUI  
115.1 OGG  
Chan 98

WAILUKU

KAHULUI

SUGAR MILL  
SMOKE STACKS

VALLEY ISLAND  
327 VYI

RESERVOIR

KNUI TOWER

MAALAEA

MALEA BAY

KIHEI

WAILAEA

MAKENA

MOLOKINI

KAHOOLAWE

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	APP CRS	Rwy Idg	6995
115.1	194°	TDZE	25
Chan 98		Apt Elev	54

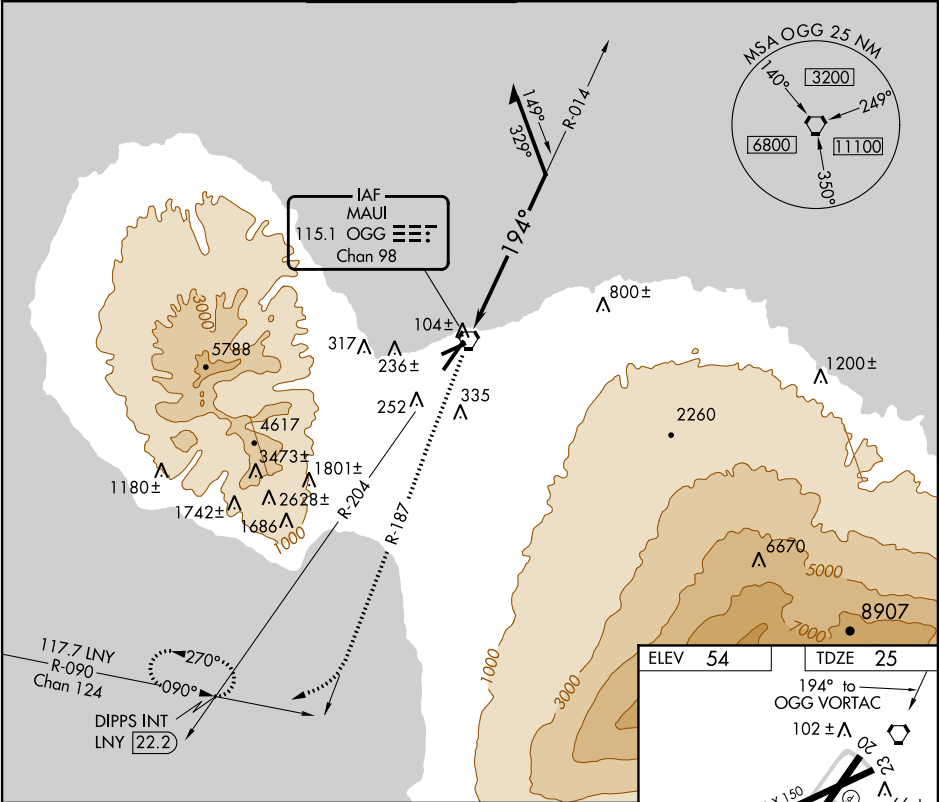
VOR RWY 20  
KAHULUI (OGG)(PHOG)

**⚠**

**⚠**

MISSED APPROACH: Climb to 6000 via OGG R-187 to intercept LNY R-090, then climbing right turn direct DIPPS INT 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



6000

↑

OGG R-187

LNY R-090

↷

DIPPS

△

\* OGG VORTAC

Remain within 10 NM

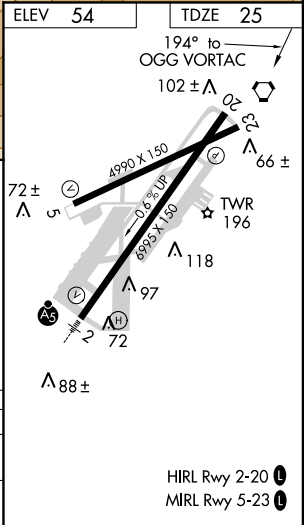
\* Maintain 4500 or above until established outbound for procedure turn. Maximum procedure turn entry altitude 6500.

014°

1900

194°

0.2



CATEGORY	A	B	C	D
S-20	420-1	395 (400-1)		420-1½ 395 (400-1½)
CIRCLING	500-1 446 (500-1)	620-1 566 (600-1)	780-2 726 (800-2)	1180-3 1126 (1200-3)

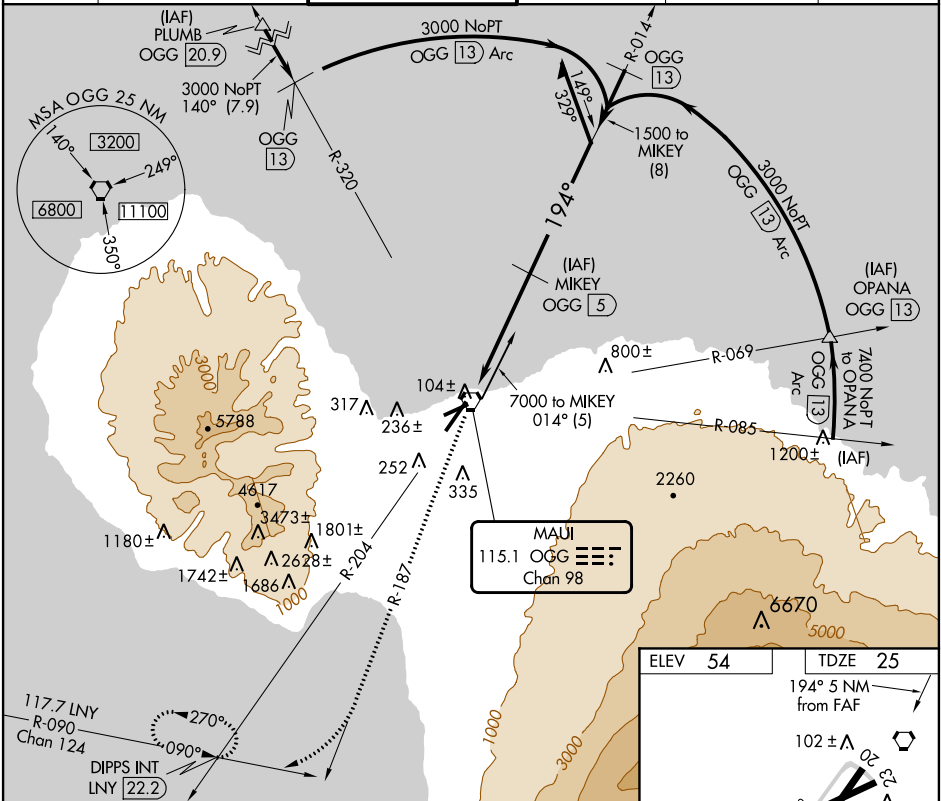
VORTAC OGG	APP CRS	Rwy Idg	6995
115.1	194°	TDZE	25
Chan 98		Apt Elev	54

# VOR/DME or TACAN RWY 20

KAHULUI (OGG)(PHOG)

**MISSED APPROACH:** Climb to 6000 via OGG VORTAC R-187 to intercept LNY R-090, then climbing right turn direct DIPPS Int 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



6000  
↑  
OGG R-187

LNY  
R-090

DIPPS  
△

MIKEY  
OGG 5

Remain  
within 10 NM

014°

194°

3000

1500

OGG VORTAC

0.2 5 NM

CATEGORY	A	B	C	D
S-20	400-1 375 (400-1)			400-1¼ 375 (400-1¼)
CIRCLING	500-1 446 (500-1)	620-1 566 (600-1)	780-2 726 (800-2)	1180-3 1126 (1200-3)

ELEV 54 TDZE 25

194° 5 NM from FAF

102 ± Δ

72 ± Δ

66 ± Δ

118

97

72

Δ 88 ±

4990 X 150

6953 X 150

0.6% UP

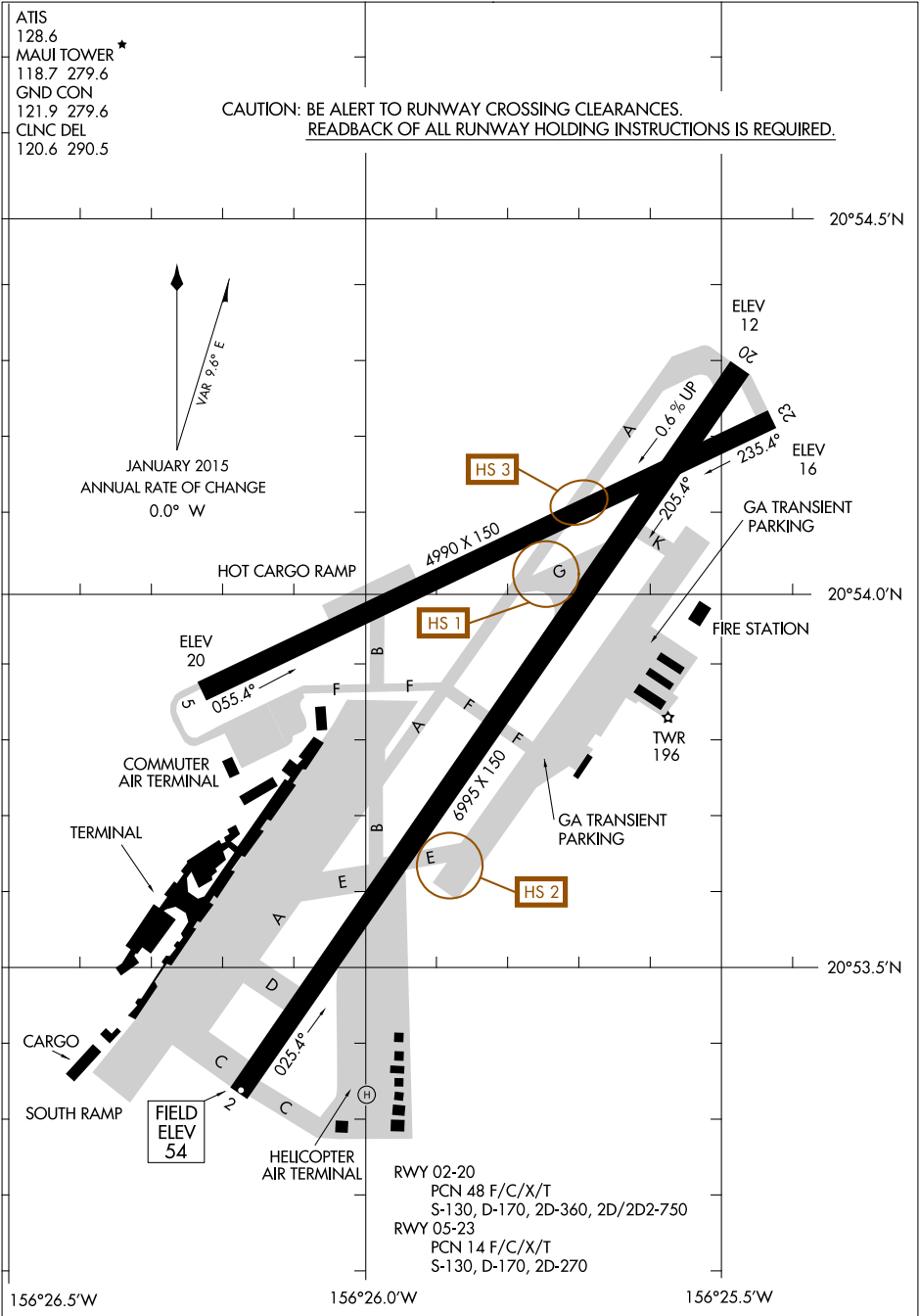
TWR 196

HIRL Rwy 2-20

MIRL Rwy 5-23

PAC, 10 NOV 2016 to 05 JAN 2017

PAC, 10 NOV 2016 to 05 JAN 2017



PAC, 10 NOV 2016 to 05 JAN 2017

PAC, 10 NOV 2016 to 05 JAN 2017