

FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
VOR OR TACAN STANDARD INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.23

Bearings, headings, courses, tracks and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated.
Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or feet RVR.

<u>AIRPORT</u> KAHULUI	<u>AIRPORT ID</u> PHOG	<u>PROCEDURE NAME</u> VOR Z OR TACAN RWY 20	<u>ORIGINAL/AMENDMENT</u> 1	<u>CITY</u> KAHULUI	<u>STATE</u> HI	
<u>AIRPORT ELEVATION</u> 53	<u>TDZE</u> 25	<u>SUPERSEDED</u> VOR/DME OR TACAN RWY 20	<u>ORIGINAL/AMENDMENT</u> ORIG-B	<u>DATED</u> 07/21/2016	<u>MAG VAR</u> 11E	<u>EPOCH YEAR</u> 1990
<u>FACILITY</u> OGG	<u>COORDINATES OF FACILITIES</u> 205423.30N / 1562515.42W	<u>ACTUAL EFFECTIVE DATE</u>	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>		

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
OGG VORTAC		MIKEY/4.96 DME					014.00	4.96	7000
PLUMB/OGG 20.87 DME	IAF	ULUAA/13.00 DME	NOPT				140.00	7.87 (OGG R-320)	3000
ULUAA/13.00 DME CW	IAF	CELIU/13.00 DME	NOPT				13.00 DME ARC		3000
JNKOH/13.00 DME CCW	IAF	OPANA/13.00 DME	NOPT				13.00 DME ARC		7400
OPANA/13.00 DME CCW		CELIU/13.00 DME	NOPT				13.00 DME ARC		3000
CELIU/13.00 DME	IF	MIKEY/4.96 DME					194.00	8.04 (OGG R-014)	1700

MISSED APPROACH

MAP:

OGG VORTAC

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 5000 ON OGG R-188 TO HARPO INT/OGG 16.71 DME THEN RIGHT TURN ON LNY R-095 TO KEIKI INT/17.00 DME AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. PT L **SIDE OF COURSE** 014.00 **OUTBOUND** 3000 **FT WITHIN** 10 **MILES OF** MIKEY/4.96 DME (IAF)
- 2.
3. **FAC:** 194.00 **FAF:** MIKEY/4.96 DME **DIST FAF TO MAP:** **DIST FAF TO THLD:** 5.13
4. **MIN ALT:** MIKEY/4.96 DME 1700
8. **MSA FROM:** OGG VORTAC 069-170 11300, 170-320 7000, 320-069 3400

EQUIPMENT REQUIREMENTS NOTES:

DME REQUIRED.

NOTES:



CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON OGG VORTAC AIRWAY RADIALS 337 CW 065.

ADDITIONAL FLIGHT DATA:

MIKEY TO RW20: 3.00/55.
CHART CIRCLING ICON.
CHART OGG R-320 AT ULUAA.
CHART OGG R-085 AT JNKOH.
CHART OGG R-069 AT OPANA.
CHART VDP AT 0.97 DME
DISTANCE VDP TO THLD 1.15 NM
FAS OBST: 208 SHIP 205714N/1562351W.
FAC CROSSES RWY C/L EXTENDED 5097 FT FROM THLD.
HOLD W, RT, 095.00 INBOUND

MINIMUMS:

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT

ALTERNATE: NA ☐ STANDARD - CAT D 1100-3

CATEGORY:	A			B			C			D			E		
FINAL TYPE	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA
S-20	460	1	435	460	1	435	460	1 1/4	435	460	1 1/4	435			
CIRCLING	500	1	447	620	1	567	740	2	687	1140	3	1087			



CHANGES - REASONS

1. CHANGED ALTITUDE AT MIKEY FROM 1500 FT TO 1700 FT - AIR TRAFFIC REQUEST.
2. CHANGED S-20 MDA/HAT FROM 400/375 TO 460/435 - NEW CONTROLLING OBSTACLE.
3. CHANGED S-20 VISIBILITY CAT C FROM 1 SM TO 1 1/4 SM - 8260.3D TABLE 3-3-1.
4. CHANGED CIRCLING CAT A HAA FROM 446 TO 447, CAT B HAA FROM 566 TO 567, CAT C MDA/HAA FROM 780/726 TO 740/687, CAT D MDA/HAA FROM 1180/1126 TO 1140/1087 - NEW CONTROLLING OBSTACLES; APT ELEVATION CHANGED FROM 54 TO 53.
5. CHANGED CIRCLING VISIBILITY CAT C FROM 1 1/2 SM TO 2 SM, CAT D FROM 2 SM TO 3 SM - 8260.3D TABLE 3-3-7.
6. ADDED EQUIPMENT REQUIREMENTS NOTE: DME REQUIRED - DME REQUIRED TO RECEIVE FAF, IF, ARCS, AND MISSED APPROACH.
7. CHANGED MISSED APPROACH INSTRUCTIONS FROM: CLIMB TO 6000 VIA OGG VORTAC R-187 AND LNY R-090 TO DIPPS INT AND HOLD TO: CLIMB TO 5000 ON OGG R-188 TO HARPO INT/OGG 16.71 DME THEN RIGHT TURN ON LNY R-095 TO KEIKI INT/17.00 DME AND HOLD - OLD MA REQUIRED C-I-H AND WITH C-I-H THE 40:1 SURFACE PENETRATED. THIS REQUIRED COMPLETE DESIGN OF MISSED APPROACH.
8. REMOVED CHART NOTE: WHEN TOWER CLOSED, PROCEDURE NA EXCEPT FOR OPERATORS WITH APPROVED WEATHER REPORTING SERVICES - INCORPORATING P-NOTAM 6/0377, LOCAL WEATHER IS PROVIDED BY ASOS ON SERVICE A AND DOES NOT REQUIRE A PUBLISHED BACK-UP ALTIMETER SOURCE AND NO NOTES ARE REQUIRED.
9. CHANGED ALTERNATE MINIMUMS FROM NA WHEN TOWER CLOSED, EXCEPT FOR OPERATIONS WITH APPROVED WEATHER REPORTING SERVICE TO STANDARD EXCEPT CAT D 1100-3 - 8260.3D 3-4-1.
10. CHANGED ALL REFERENCES OF OGG VORTAC R-320/13.00 DME TO ULUAA/13.00 DME - FPT REQUEST.
11. CHANGED ALL REFERENCES OF OGG VORTAC R-014/13.00 DME TO CELIU/13.00 DME - FPT REQUEST.
12. CHANGED ALL REFERENCES OF OGG VORTAC R-085/13.00 DME TO JNKO/13.00 DME - FPT REQUEST.
13. CHANGED MSA ALTITUDES 069-170 FROM 11100 FT TO 11300 FT, 170-320 FROM 6800 FT TO 7000 FT, 320-069 FROM 3200 FT TO 3400 FT - NEW CONTROLLING OBSTACLES.
14. ADDED CHART VDP AT 0.97 DME; DISTANCE VDP TO THLD 1.15 NM TO ADDITIONAL FLIGHT DATA - VDP REQUIRED, 8260.3D 2-6-5.
15. ADDED CHART OGG R-320 AT ULUAA TO ADDITIONAL FLIGHT DATA - REQUIRED FOR CHARTING.
16. ADDED CHART OGG R-085 AT JNKO/13.00 DME TO ADDITIONAL FLIGHT DATA - REQUIRED FOR CHARTING.
17. ADDED CHART OGG R-069 AT OPANA TO ADDITIONAL FLIGHT DATA - REQUIRED FOR CHARTING.
18. CHANGED ALL REFERENCES OF OGG VORTAC R-070/13.00 DME AND OPANA/OGG VORTAC R069/13.00 DME TO OPANA/13.00 DME - FPT REQUEST.
19. FAC CROSSES RWY C/L EXTENDED 5027 FT FROM THLD CHANGED TO FAC CROSSES RWY C/L EXTENDED 5097 FT FROM THLD IN ADDITIONAL FLIGHT DATA - CALCULATION USING RECIPROCAL OF RUNWAY TRUE BEARING AND OGG VORTAC R-014.
20. CHANGED PROCEDURE ID FROM VOR/DME OR TACAN RWY 20 TO VOR Z OR TACAN RWY 20 - 8260.3D 1-6-4.
21. ADDED CHART CIRCLING ICON TO ADDITIONAL FLIGHT DATA - APPLIED EXPANDED CIRCLING AREA CRITERIA.
22. CHANGED ALL REFERENCE FOR MIKEY (FAF) FROM 5.00 DME TO 4.96 DME - MIKEY RELOCATED TO ACHIEVE VDA SAME AS VGSI.
23. CHANGED INTERMEDIATE SEGMENT DISTANCE FROM 8.00 TO 8.04 NM - RELOCATED FAF.
24. CHANGED AIRPORT ELEVATION FROM 54 TO 53 - NEW AIRNAV DATA.
25. LOWERED ARC SEGMENT JNKO/13.00 DME TO OPANA/13.00 DME FROM 7400 TO 5000 - OPANA LOCATED ON V11 WITH MEA 5000. THIS ALLOWS AIRCRAFT TO START THE APPROACH AT OPANA AT MEA.
26. CHANGED DISTANCE FAF TO THLD FROM 5.17 TO 5.13 - RELOCATED FAF
27. CHANGED FAS OBST FROM 104 FT TREE 205432/1562529 TO 208 SHIP 205714N/1562351W - FPT REQUEST.
28. ADDED PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON OGG VORTAC AIRWAY RADIALS 337 CW 065 - 8260.3D PARA 2-3-1.
29. ADDED PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT (VGSI ANGLE $\frac{1}{2}$ TCH $\frac{1}{2}$) - 8269019H PARA 8-6-9M(2).
30. ADDED MIKEY TO RW20: 3.00/55 TO ADDITIONAL FLIGHT DATA - 8260-19H 8-6-10P.
31. CHANGED ALL REFERENCE OF PLUMB/OGG VORTAC R320/20.87 TO PLUMB/OGG 20.87 DME - REVISED CRITERIA.
32. CHANGED FEEDER SEGMENT OGG VORTAC TO MIKEY DISTANCE FROM 5.00 TO 4.96 - RELOCATED (FAF) MIKEY.

PDF EDIT:

ADDED SEMICOLON AFTER CHART VDP AT 0.97 DME IN ADDITIONAL FLIGHT DATA PER 8260.19H 8-6-10.N.

04/08/2019: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 10/18/2018.

1. UPDATED CHANGE 4 TO READ: CHANGED CIRCLING CAT A HAA FROM 446 TO 447, CAT B HAA FROM 566 TO 567, CAT C MDA/HAA FROM 780/726 TO 740/687, CAT D MDA/HAA FROM 1180/1126 TO 1140/1087 - REFERENCE MOST CURRENT MINIMUMS.

07/30/2019: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 10/18/2018.

1. RETAINED MINIMUM ALTITUDE OF 7400 FROM JNKO/13.00 DME TO OPANA/13.00 DME.

QUALITY
7
CHECKED

AIRPORT
KAHULUI

AIRPORT ID
PHOG

PROCEDURE NAME
VOR Z OR TACAN RWY 20

ORIGINAL/AMENDMENT
1

CITY
KAHULUI

STATE
HI

COORDINATED WITH:

A4A ☒ ALPA ☒ AOPA ☒ APA ☒ HAI ☐ NBAA ☒ **OTHER:** HCF, MAUI ATCT

Digitally signed by

FLIGHT CHECKED BY
KIM MARK BROWN

DAVID DANNER
Aug 02, 2019

OFFICE
FIOG

DATE
07/16/2019

DEVELOPED BY

DAVID DANNER (ANTHONY CAPPABIANCO)

Digitally signed by

DAVID DANNER
Aug 02, 2019

OFFICE
AJV-5421

DATE
10/18/2018

APPROVED BY

JULIE MORGAN

Digitally signed by

DAVID DANNER
Aug 02, 2019

OFFICE
AJV-5420

DATE

TITLE
MANAGER

QUALITY
7
CHECKED

FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD

<u>AIRPORT</u> KAHULUI	<u>AIRPORT ID</u> PHOG	<u>PROCEDURE NAME</u> VOR Z OR TACAN RWY 20	<u>AMDT NO.</u> 1	<u>CITY</u> KAHULUI	<u>STATE</u> HI	<u>AIRPORT ELEVATION</u> 53	<u>FACILITY</u> OGG
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PART A: OBSTRUCTION DATA SEGMENTS

FEEDER

FROM
OGG VORTAC

TO
MIKEY/4.96 DME

<u>RNP</u>	<u>DISTANCE</u> 4.96	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>							
<u>OBSTRUCTION</u>	<u>COORDINATES</u>		<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
1.AAO	205248.00N/1562121.00W		886	164	98	4E	2000				AT4114	7000
2.TERRAIN	205248.00N/1562121.00W		686 (700)								AS1500	2200

COMPUTATIONS

<u>ALT</u>	<u>KIAS</u>	<u>KTAS</u>	<u>HAA</u>	<u>VKTW</u>	<u>TR</u>	<u>BA</u>	<u>DTA</u>	<u>COURSE CHANGE</u>	<u>DVEB</u>	<u>VEB OCS</u>	<u>RF CENTER FIX/DISTANCE</u>
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SEGMENT REMARKS:

INITIAL

FROM
PLUMB/OGG 20.87 DME

TO
ULUAA/13.00 DME

<u>RNP</u>	<u>DISTANCE</u> 7.87	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>							
<u>OBSTRUCTION</u>	<u>COORDINATES</u>		<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
3.SHIP	211143.27N/1563530.41W		208	50	20	2C	1000				AT1792	3000
4.TERRAIN	211143.27N/1563530.41W		0 (0)								AS1500	1500

COMPUTATIONS

<u>ALT</u>	<u>KIAS</u>	<u>KTAS</u>	<u>HAA</u>	<u>VKTW</u>	<u>TR</u>	<u>BA</u>	<u>DTA</u>	<u>COURSE CHANGE</u>	<u>DVEB</u>	<u>VEB OCS</u>	<u>RF CENTER FIX/DISTANCE</u>
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SEGMENT REMARKS:



INITIAL: ARC

FROM
ULUAA/13.00 DME CW

TO
CELIU/13.00 DME

RNP	DISTANCE	PAT	MAP	HAT			HMAS					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
5.SHIP	210548.69N/1563158.11W		208	50	20	2C	1000				AT1792	3000
6.TERRAIN	210548.69N/1563158.11W		0 (0)								AS1500	1500

COMPUTATIONS												
ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE	

SEGMENT REMARKS:

INITIAL: ARC

FROM
JNKOH/13.00 DME CCW

TO
OPANA/13.00 DME

RNP	DISTANCE	PAT	MAP	HAT			HMAS					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
7.AAO	205239.00N/1561403.00W		1805	164	98	4E	1000				AT4595	7400
8.TERRAIN	205321.00N/1561439.00W		1198 (1200)								AS1500	2700

COMPUTATIONS												
ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE	

SEGMENT REMARKS:



INITIAL: ARC STEPDOWN

FROM
OPANA/13.00 DME CCW

TO
CELIU/13.00 DME

RNP	DISTANCE	PAT	MAP	HAT			HMAS					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
9.AAO	205527.00N/1561512.00W		640	164	98	4E	1000				AT1360	3000
10.TERRAIN	205600.00N/1561545.00W		283 (300)								AS1500	1800

COMPUTATIONS	ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE
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SEGMENT REMARKS:

INTERMEDIATE

FROM
CELIU/13.00 DME

TO
MIKEY/4.96 DME

<u>RNP</u>	<u>DISTANCE</u> 8.04	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>			<u>HMAS</u>					
<u>OBSTRUCTION</u>	<u>COORDINATES</u>		<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
11.SHIP	210245.16N/1562106.07W		208	50	20	2C	500				AT992	1700
12.TERRAIN	210245.16N/1562106.07W		0 (0)								AS1500	1500

COMPUTATIONS	ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE
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SEGMENT REMARKS:



FINAL

FROM
MIKEY/4.96 DME

TO
OGG VORTAC

RNP	DISTANCE 4.96	PAT	MAP OGG VORTAC	HAT 435	HMAS							
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
13.SHIP	205713.56N/1562350.85W		208	50	20	2C	250					460

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

PROCEDURE TURN

FROM
MIKEY

TO
10 NM

RNP	DISTANCE	PAT	MAP	HAT	HMAS							
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
11.SHIP	210245.16N/1562106.07W		208	50	20	2C	1000				AT1792	3000
12.TERRAIN	210245.16N/1562106.07W		0 (0)								AS1500	1500

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



MISSED APPROACH

FROM
OGG VORTAC

TO
KEIKI/17.00 DME

RNP	DISTANCE	PAT	MAP	HAT			HMAS 150					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
								ASC				5000
14.AAO	203518.00N/1563412.00W		1011	164	98	4E	1000					2100
15.TERRAIN	203518.00N/1563412.00W		811 (800)								AS1500	2300

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

CIRCLING

☐ ALL CATS

☒ CAT A

☒ CAT B

☒ CAT C

☒ CAT D

☐ CAT E

☐ NOT AUTHORIZED

OBSTRUCTION	COORDINATES	RADIUS	HAA	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
CATEGORY A											
16.CONTROL_TOWER (15-000336)	205350.11N/1562534.18W	1.30	447	196	20	3	1A	300			500
CATEGORY B											
17.TOWER (15-000253)	205155.88N/1562512.25W	1.81	567	313	20	3	1A	300			620
CATEGORY C											
18.TREE	205109.00N/1562418.00W	2.84	687	429	50	20	2C	300			740
CATEGORY D											
19.AAO	205230.00N/1562157.00W	3.71	1087	840	50	20	2C	300			1140

CIRCLING REMARKS:



MSA

CENTER
OGG VORTAC

RADIUS
25

SECTOR	OBSTRUCTION	COORDINATES	BEARING	DISTANCE	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
069-170	AAO	204234.69N/1561511.50W	130	15.1	10223	50	3	2A	1000			11300
170-320	AAO	205327.00N/1563509.00W	253	09.3	5965	164	98	4E	1000			7000
320-069	AAO	205201.18N/1561506.79W	093	09.8	2353	50	3	2A	1000			3400

MSA REMARKS:

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:



PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH

<u>WX SERVICE</u> ASOS	<u>LOCATION</u> PHOG	<u>HRS OPERATION</u> 24	<u>ALTIMETER SOURCE</u> PHOG	<u>DISTANCE</u> 0	<u>SERVICE-A</u> Y	<u>ADJUSTMENTS</u> 0
<u>BACK-UP WX SERVICE</u>	<u>LOCATION</u>	<u>HRS OPERATION</u>	<u>ALTIMETER SOURCE</u>	<u>DISTANCE</u>	<u>SERVICE-A</u>	<u>ADJUSTMENTS</u>

WX REMARKS:
OGG HAS REDUNDANT ALTIMETER, LAWRS, HOWEVER THE LAWRS IS NOT 24/7. USE OF PHJH WOULD REQUIRE AN ADJUSTMENT OF 843.23'. TOO GREAT OF AN ADJUSTMENT TO USE PHJH SO NO BACK UP ALTIMETER AVAILABLE WHEN LAWRS NOT AVAILABLE.

<u>PRIMARY NAVAID</u> OGG VORTAC	<u>MONITOR POINT</u> POCC	<u>HRS OPERATION</u> 24	<u>CAT</u> 1
<u>APPROACH AND RUNWAY LIGHTING SYSTEM</u>		<u>RUNWAY MARKINGS</u>	<u>RUNWAY VISUAL RANGE</u>
RW05 - MIRL (PCL), PAPI-4L (PCL)		NPI-G	
RW23 - MIRL (PCL)		NPI-G	
RW02 - MALSR (PCL), HIRL (PCL), PAPI-4R		PIR-G	
RW20 - HIRL (PCL), PAPI-4L (PCL)		PIR-G	

<u>GLIDESLOPE ANGLE</u>	<u>ELEV RWY THRESHOLD</u>	<u>TCH</u>	<u>ELEV GS ANTENNA</u>	<u>DISTANCE FROM RWY</u>	<u>VGSI ANGLE</u> 3.00	<u>TCH</u> 80.0
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FINAL APPROACH COURSE AIMING

RUNWAY THRESHOLD	<input type="checkbox"/>	5097	FT FROM THRESHOLD	DISPLACED THRESHOLD DISTANCE
ON CENTERLINE	<input type="checkbox"/>		FT FROM CENTERLINE	

CRITICAL TEMPERATURES

<u>CRITICAL LOW</u>	<u>CRITICAL HIGH</u>	<u>ACT</u>	<u>APT ISA</u>
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CRITICAL TEMPERATURE REMARKS:

"VISUAL PORTION OF FINAL" PENETRATIONS

HELICOPTER 'VISUAL PORTION OF FINAL' PENETRATIONS



and/or
5280-FT "PROCEED VFR" SEGMENT LEVEL SURFACE AREA PENETRATIONS

PART C: GENERAL REMARKS:
30 FT VEGETATION, 150 FT SHIP INSIDE AAO EXEMPT AREA, 208 FT SHIP OUTSIDE AAO EXEMPT AREA PER FPT.
ORDER 8260.3, VOLUME 1, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED.



<u>AIRPORT</u> KAHULUI	<u>AIRPORT ID</u> PHOG	<u>PROCEDURE NAME</u> VOR Z OR TACAN RWY 20	<u>AMDT NO.</u> 1	<u>CITY</u> KAHULUI	<u>STATE</u> HI	<u>AIRPORT ELEVATION</u> 53	<u>FACILITY</u> OGG
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PART D: AIRSPACE

DOCKET #

ALL DISTANCES TO 1/100NM; ELEVATION TO NEAREST 100 FEET; COORDINATES TO 1/100 SECOND; DEG TO 1/100 DEGREE

DISTANCE FROM	MAP	TO 1000FT POINT	3.24
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	2.34
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	205.00
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	100
DISTANCE FROM	MAP	TO 1500FT POINT	4.81
WIDTH OF	FINAL	SEGMENT AT 1500FT POINT	2.50
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1500FT POINT	205.00
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1500FT POINT	100

THRESHOLD
COORDINATES
(IF STR-IN)

205417.74N/1562528.45W

ARP COORDINATES

205355.15N/1562549.64W

RUNWAY APCH END
AND DIST FURTHEST
FROM ARP

RUNWAY 2 DISTANCE 0.66 NM

FAF
COORDINATES

205853.99N/1562301.02W

FIX NAME
COORDINATES

REMARKS

NO ADDITIONAL AIRSPACE REQUIRED.

QUALITY
7
CHECKED

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<u>AIRPORT</u> KAHULUI	<u>AIRPORT ID</u> PHOG	<u>PROCEDURE NAME</u> VOR Z OR TACAN RWY 20	<u>AMDT NO.</u> 1	<u>CITY</u> KAHULUI	<u>STATE</u> HI	<u>AIRPORT ELEVATION</u> 53	<u>FACILITY</u> OGG
PART E: PREPARED BY							
<u>NAME</u> DAVID DANNER (ANTHONY CAPPABIANCO)	<u>OFFICE</u> AJV-5421			<u>DATE</u> 10/18/2018	<u>TITLE</u> AERONAUTICAL INFORMATION SPECIALIST		

QUALITY
7
CHECKED

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