

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33				Bearings, headings, courses, 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 in feet RVR.			
TERMINAL ROUTES				MISSED APPROACH			
FROM	TO	COURSE AND DISTANCE	ALTITUDE	LNAV: HUKLA CLIMB TO 500 THEN CLIMBING LEFT TURN TO 4300 DIRECT NDREW AND HOLD. ADDITIONAL FLIGHT DATA: HOLD S, RT, 005.99 INBOUND. CHART FAS OBST: 150 SHIP 205541N/1562424W CHART VDP AT 0.98 MILES TO RW20. CHART CIRCLING ICON BIKDE TO RWY 20: 3.00/76.			
PLUMB	OLONE (FB)	095.73 / 12.45	3000				
SWEEP	UPOYO (FB)	273.12 / 10.66	3000				
OLONE (IAF)	KRANE (FB)	114.36 / 6.82	2000				
UPOYO (IAF)	KRANE (FB)	294.06 / 7.00	2000				
KRANE (IF)	JUDEZ (FB)	204.02 / 8.13	1700				
JUDEZ (FAF)	BIKDE/2.60 NM TO HUKLA (FB)	203.99 / 2.26					
(SEE FORM 8260-10)							

1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF)			
2. PROFILE STARTS AT KRANE			
3. FAC: 203.99 FAF: JUDEZ		DIST FAF TO MAP: 4.86 THLD: 5.06	
4. MIN. ALT: KRANE 2000, JUDEZ 1700, BIKDE/2.60 NM TO HUKLA 920			
5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____		150 HAT: _____ 100 HAT: _____ GS ANT: _____	
6. MIN GS INCPT: _____ GS ALT AT: _____		OM: _____ MM: _____ IM: _____	
7. GS ANGLE: _____ TCH: 34:1 IS CLEAR			
8. MSA FROM: HUKLA 11200			

MAG VAR: 11E EPOCH YEAR: 1990

MINIMUMS															
TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT							ALTERNATE: N A		STANDARD @						
CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LNAV MDA	400	1	375	400	1	375	400	1	375	400	1	375			
CIRCLING	500	1	446	620	1	566	780	2	726	1180	3	1126			

NOTES:
 CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, PROCEDURE NA. @ CAT D 1200-3
 CHART NOTE: DME/DME RNP-0.3 NA.
 CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT PLUMB ON V6-V22 NORTHWEST BOUND.
 CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT SWEEP ON V11 EASTBOUND.

CITY AND STATE	ELEVATION: 54 TDZE: 25	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
KAHULUI, HI	AIRPORT NAME: KAHULUI		RNAV (GPS) RWY 20, AMDT 1	AMDT: ORIG
				DATED 03/15/2007

ALL AFFECTED PROCEDURES REVIEWED? <div><input checked="" type="checkbox"/> YES</div> <div><input type="checkbox"/> NO</div>		COORDINATES OF FACILITIES		REQUIRED EFFECTIVE DATE	
ROUTINE					
COORDINATED WITH:					
ATA <div><input checked="" type="checkbox"/></div>		AAT <div><input type="checkbox"/></div>		ALPA <div><input checked="" type="checkbox"/></div>	
APA <div><input checked="" type="checkbox"/></div>		AOPA <div><input checked="" type="checkbox"/></div>		NBAA <div><input checked="" type="checkbox"/></div>	
OTHER (specify)		<div><input checked="" type="checkbox"/> HAWAII STATE AERONAUTICAL DIRECTOR, HCF, AIRPORT MANAGER</div>			
FLIGHT CHECKED BY					
NAME:		Digitally signed by JAMES HAWLEY		FIFO FICO	DATE: 03/22/2016
		ALLAN WILL Mar 29, 2016			
DEVELOPED BY					
NAME:		Digitally signed by A. J. FIELDS		FIFO AJV-5431	DATE: 02/19/2016
		AJ FIELDS Feb 19, 2016			
APPROVED BY					
NAME:		Digitally signed by LONNIE EVERHART		FIFO AJV-5430	DATE:
		ALLAN WILL MANAGER			
CHANGES: Mar 29, 2016					
CHANGES TERMINAL ROUTES					
1A. LINE 1 COURSE AND DISTANCE CHANGED FROM 098.21 / 14.17 TO 95.73/12.45					
2A. LINE 2 COURSE AND DISTANCE CHANGED FROM 276.41/12.54 TO 273.12/10.66					
3A. LINE 3 COURSE AND DISTANCE CHANGED FROM 113.94/5.00 TO 114.36/6.82					
4A. LINE 4 COURSE AND DISTANCE CHANGED FROM 294.00/5.00 TO 294.06/7.00					
5A. LINE 6 TO COLUMN ADDED STEPDOWN FIX BIKDE DISTANCE FROM 5.06 TO/2.26					
6A. LINE 7 ADDED STEPDOWN SEGMENT					
CHANGES LINES 1-8					
1B. LINE 2 REMOVED WP AFTER KRANE ADDED DISTANCE FAF TO MAP 4.86.					
2B. LINE 3 REMOVED WP AFTER JUDEZ					
3B. LINE 4 REMOVED WP AFTER KRANE AND JUDEZ					
4B. LINE 4 ADDED BIKDE 920					
5B. LINE 7 CHANGED TCH: 34:1 IS NOT CLEAR TO 34:1 IS CLEAR.					
(SEE FORM 8260-10)					
REASONS:					
REASONS TERMINAL ROUTES					
1A-4A. PROCEDURE DESIGN REQUEST.					
5A. JUDEZ PLACED AT IPDS DERIVED PFAF LOCATION.					
6A. 208 FT SHIPS USED.					
LINES 1-8 REASONS					
1B-3B. WP NOT REQUIRED AFTER FIX NAME.					
4B. ADDED STEP DOWN SEGMENT.					
5B. MAP STUDY.					
6B. IPDS PROVIDED A DIFFERENT AAO					
REASONS MINIMUMS					
1C. RECALCULATED VIA VIS CALCULATOR.					
2C. APPLIED NEW CIRCLING CRITERIA AND REMOVED 150 FOOT PRECIPITOUS TERRAIN ADJUSTMENT. IPDS DID NOT CALCULATE THE NEED FOR THE ADJUSTMENT.					
(SEE FORM 8260-10)					



US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.33

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TERMINAL ROUTES, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
BIKDE/2.60 NM TO HUKLA	HUKLA (MAP) (FO)	203.99 / 2.60	
HUKLA (MAP)	500 MSL	203.99	500
500 MSL	NDREW (FO)		4300

CITY AND STATE

KAHULUI, HI

ELEVATION: 54

TDZE: 25

AIRPORT NAME:

KAHULUI

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 20, AMDT 1

SUP:

AMDT:

DATED:

QUALITY
10
CHECKED

ORIG

03/15/2007

ALL AFFECTED PROCEDURES REVIEWED? <div><input type="checkbox"/> YES</div> <div><input type="checkbox"/> NO</div>		COORDINATES OF FACILITIES		REQUIRED EFFECTIVE DATE	
COORDINATED WITH:					
ATA <div><input type="checkbox"/></div>		AAT <div><input type="checkbox"/></div>		ALPA <div><input type="checkbox"/></div>	
APA <div><input type="checkbox"/></div>		AOPA <div><input type="checkbox"/></div>		NBAA <div><input type="checkbox"/></div>	
OTHER (specify)		<div><input type="checkbox"/></div>		<div><input type="checkbox"/></div>	
FLIGHT CHECKED BY					
NAME:				FIFO	DATE:
DEVELOPED BY					
NAME:				FIFO	DATE:
APPROVED BY					
NAME:				FIFO	DATE:
<div>CHANGES:</div> <div>CHANGES CONT.</div> <div>6B. LINE 8 INCREASED MSA FROM 11100 TO 11200.</div> <div>CHANGES MINIMUMS</div> <div>1C. LNAV MDA DECREASED CAT D VISIBILITY FROM 1 1/4 TO 1 MILE.</div> <div>2C. CIRCLING CHANGED FROM 660 1 606 / 720 1 666 / 780 2 726 / 800 2 1/2 746 TO 500 1 446 / 620 1 566 / 780 2 726 / 1180 3 1126</div> <div>CHANGES NOTES:</div> <div>1D. REMOVED NOTE: GPS OR RNP-0.3 REQUIRED.</div> <div>2D. ADDED NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, PROCEDURE NA.</div> <div>3D. ADDED PLANVIEW NOTES: PROCEDURE NA FOR ARRIVAL AT PLUMB ON V6-V22 NORTHWEST BOUND. AND PROCEDURE NA FOR ARRIVAL AT SWEEP ON V11 EASTBOUND.</div> <div>CHANGES MISSED APPROACH:</div> <div>1E. CHANGED MAP: FROM HUKLA WP TO LNAV HUKLA</div> <div>2E. CHANGED MISSED APPROACH INSTRUCTIONS FROM CLIMBING LEFT TURN TO 6000 DIRECT HARPO WP AND HOLD TO CLIMB TO 500 THEN CLIMBING LEFT TURN TO 4300 DIRECT NDREW AND HOLD.</div> <div>(SEE FORM 8260-10)</div> <div>REASONS:</div> <div>REASONS CONT.</div> <div>REASONS NOTES:</div> <div>1D. NOTE NO LONGER APPLICABLE.</div> <div>2D. NOTE REQUIRED NO BACKUP ALTIMETER.</div> <div>3D. REQUIRED DUE TO TURN ANGLE GREATER THAN 90 DEGREES.</div> <div>REASONS MISSED APPROACH:</div> <div>1E. WP NOT REQUIRED AFTER FIX NAME.</div> <div>2E. PREVIOUS CLIMB-IN-HOLD AT HARPO LEVEL SURFACE WAS PENETRATED AT 6000. COORDINATED NDREW FIX NAME HOLDING AND ALTITUDE WITH ATC THROUGH FPT.</div> <div>REASONS ADDITIONAL FLIGHT DATA:</div> <div>1F. MOVED HOLDING TO NEW FIX.</div> <div>2F. DOCUMENTATION REQUIREMENTS CHANGED.</div> <div>3F. 20:1 PENETRATIONS CLEARED, CIRCLING RADIUS CHANGED AND DOCUMENTATION REQUIREMENT.</div> <div>4F. ADDED STEPDOWN TO PROCEDURE.</div> <div>5F. NOT REQUIRED.</div> <div>6F. REQUIRED DOCUMENTATION.</div>					



US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.33

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CITY AND STATE
KAHULUI, HI

ELEVATION: 54 TDZE: 25
AIRPORT NAME:
KAHULUI

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 20, AMDT 1

SUP: **QUALITY 10 CHECKED**
AMDT: **ORIG**
DATED: **03/15/2007**

ALL AFFECTED PROCEDURES REVIEWED? <div><input type="checkbox"/> YES</div> <div><input type="checkbox"/> NO</div>		COORDINATES OF FACILITIES		REQUIRED EFFECTIVE DATE	
COORDINATED WITH:					
ATA <div><input type="checkbox"/></div>		AAT <div><input type="checkbox"/></div>	ALPA <div><input type="checkbox"/></div>	APA <div><input type="checkbox"/></div>	AOPA <div><input type="checkbox"/></div>
NBAA <div><input type="checkbox"/></div>		OTHER (specify) <div><input type="checkbox"/></div>			
FLIGHT CHECKED BY					
NAME:				FIFO	DATE:
DEVELOPED BY					
NAME:				FIFO	DATE:
APPROVED BY					
NAME:				FIFO	DATE:
CHANGES: CHANGES CONT. CHANGES ADDITIONAL FLIGHT DATA: 1F. CHANGED MISSED APPROACH HOLDING FROM HOLD W, RT, 095.00 INBOUND. TO HOLD S, RT, 005.99 INBOUND. 2F. FAS OBSTACLE CHANGED FROM 150' SHIPS IN FINAL APPROACH SEGMENT. TO 150 SHIP 205541N/1562424W 3F. ADDED: CHART VDP AT 0.98 MILES TO RW20. CHART CIRCLING ICON. 4F. CHANGED JUDEZ WP TO RW20: 3.00/76. TO BIKDE TO RWY 20: 3.00/76. 5F. DELETED FINAL SEGMENT (TF). 6F. ADDED FAC CROSSES RWY C/L EXTENDED 1215 FROM THLD.					
REASONS:					



U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE FLIGHT STANDARDS SERVICES - TITLE 14 CFR PART 97.33												Bearings, headings, courses, 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 in feet RVR.		
ARINC SUMMARY - PHOG														
ROUTES														
TRANSITION	WPT SEQ	WPT NAME	LEG TYPE	FB/FO	RNP	MAG CRS	REC NAV	ANGLE	TURN DIR	CENTER FIX	TURN RADIUS	ALTITUDE DESCRIPTION & VALUE	SPEED LIMIT DESCRIPTION & VALUE	WPT DESCRIPTION CODE
PLUMB	010	PLUMB	IF	FB										E
PLUMB	020	OLONE	TF	FB	2.0	095.7						AA 03000		E A
PLUMB	030	KRANE	TF	FB	1.0	114.4						AA 02000		EE B
SWEEP	010	SWEEP	IF	FB										E
SWEEP	020	UPOYO	TF	FB	2.0	273.1						AA 03000		E A
SWEEP	030	KRANE	TF	FB	1.0	294.1						AA 02000		EE B
	010	KRANE	IF	FB								AA 02000		E I
	020	JUDEZ	TF	FB	1.0	204.0				HUKLA		AA 01700		E F
	021	BIKDE	TF	FB	0.3	204.0		3.00				AA 00920 GS 00920		E S
	030	HUKLA	TF	FO	0.3	204.0		3.00				AT 00153		EY M
	040		CA	FB		204.0						AA 00500		M
	050	NDREW	DF	FO					L			AA 04300		EY
	060	NDREW	HM	FO		006.0			R			AA 04300		EE
POINTS														
POINT NAME	LATITUDE	LONGITUDE												
BIKDE	N205635.87	W1562345.60												
HUKLA	N205427.58	W1562521.12												
JUDEZ	N205827.41	W1562222.50												
KRANE	N210508.44	W1561723.40												
NDREW	N203146.68	W1563307.76												
OLONE	N210906.02	W1562320.03												
PLUMB	N211242.30	W1563605.35												
SWEEP	N205830.26	W1560012.81												
UPOYO	N210106.43	W1561115.74												
RUNWAYS														
RUNWAY	THRESHOLD LATITUDE	THRESHOLD LONGITUDE	THRESHOLD ELEVATION	PROCEDURE TCH										
RW20	N205417.71	W1562528.47	00012	76										

CITY AND STATE KAHULUI, HI	ELEVATION: 54 TDZE: 25 AIRPORT NAME: <div style="text-align: center;">KAHULUI</div>	FACILITY IDENTIFIER: <div style="text-align: center;">RNAV</div>	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: <div style="text-align: center;">RNAV (GPS) RWY 20, AMDT 1</div>	SUP: <hr/> AMDT: ORIG <hr/> DATED: 03/15/2007
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ALL AFFECTED PROCEDURES REVIEWED? <input type="checkbox"/> YES <input type="checkbox"/> NO		COORDINATES OF FACILITIES		REQUIRED EFFECTIVE DATE	
COORDINATED WITH: <div>ATA<input type="checkbox"/> AAT<input type="checkbox"/> ALPA<input type="checkbox"/> APA<input type="checkbox"/> AOPA<input type="checkbox"/> NBAA<input type="checkbox"/> OTHER (specify) <input type="checkbox"/> _____</div>					
FLIGHT CHECKED BY					
NAME:				FIFO	DATE:
DEVELOPED BY					
NAME:				NFPG	DATE:
APPROVED BY					
NAME:				NFPG	DATE:
CHANGES:					
REASONS:					



STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD

PART - A OBSTRUCTION DATA

1. APP SEGMENT	FROM	TO	OBSTRUCTION	COORDINATES	ELEV. MSL	ROC	ALT. ADJUSTMENTS	MIN. ALT.
FEEDER	PLUMB	OLONE	1. SHIP	211400.00N/1563330.00W	208 (5E)	2000	AT792	3000
			2. WATER	211400.00N/1563330.00W	0 (0)		AS1500	1500
FEEDER	SWEEP	UPOYO	3. SHIP	210230.00N/1560830.00W	208 (5E)	2000	AT792	3000
			4. WATER	210230.00N/1560830.00W	0 (0)		AS1500	1500
INITIAL	OLONE	KRANE	5. SHIP	211000.00N/1562100.00W	208 (4E)	1000	AT792	2000
			6. WATER	211000.00N/1562100.00W	0 (0)		AS1500	1500
INITIAL	UPOYO	KRANE	7. SHIP	210630.00N/1561600.00W	208 (5E)	1000	AT792	2000
			8. WATER	210630.00N/1561600.00W	0 (0)		AS1500	1500
INTERMEDIATE	KRANE	JUDEZ	9. SHIP	210530.00N/1561530.00W	208 (4D)	500	AT992	1700
			10. WATER	210530.00N/1561530.00W	0 (0)		AS1500	1500
FINAL: LNAV	JUDEZ	BIKDE/2.60 NM TO HUKLA	11. SHIP	205700.38N/1562326.70W	208 (2C)	250	DG462	920
FINAL: LNAV STEPDOWN	BIKDE/2.60 NM TO HUKLA	HUKLA	12. SHIP	205540.86N/1562424.24W	150 (2C)	250		400
2. PROCEDURE TURN	NA							
3. MISSED APPROACH	MAP: HUKLA	NDREW				ASC		4300
	ELEV: 300		17. AAO	203342.00N/1563418.00W	1867 (2C)	1000		2900
			18. TERRAIN	203342.00N/1563418.00W	1667 (1700)		AS1500	3200
4. CIRCLING AREA	DISTANCE	HT. ABV. ARPT.						
CATEGORY A	1.3 NM	REQUIRED 350	ACTUAL 446	13. ATCT (15-000336)	205350.11N/1562534.18W	196 (1A)	300	500
CATEGORY B	1.5 NM	450	566	14. TOWER (15-000253)	205155.88N/1562512.25W	313 (1A)	300	620
CATEGORY C	1.7 NM	450	726	15. TREE	205109.00N/1562418.00W	434 (2D)	300	AC33 780
CATEGORY D	2.3 NM	550	1126	16. AAO	205227.00N/1562157.00W	847 (2D)	300	AC33 1180
CATEGORY E	4.5 NM	550						
5. MINIMUM SAFE ALTITUDES	PRIMARY NAVAID: HUKLA							
SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A	SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)
360-360	AAO	130/15.1	10196 (5E)	11200				
CITY AND STATE	ELEVATION: 54			FACILITY	PROCEDURE AND AMENDMENT NO:			REGION
KAHULUI, HI	AIRPORT NAME: KAHULUI			RNAV	RNAV (GPS) RWY 20, AMDT 1			10 AWP CHECKED

PART B - SUPPLEMENTAL DATA										<div>PART C - REMARKS:</div> <div>PRECIPITOUS TERRAIN EVALUATION COMPLETED.</div> <div>OBSTACLES 1,3,5,7,9 IPDS ACCURACY MEET MINIMUM FOR SEGMENT. OBSTACLES 15-16 IPDS ACCURACY ADDED 33 FEET TO EFFECTIVE MSL HEIGHT.</div> <div>IPDS WAS DETERMINING HIGH TERRAIN OVER WATER AT LOCATIONS DIFFERENT FROM THE 208 AAO SHIP OBSTACLE. TO ENSURE THE OBSTACLE WERE IN THE FIX TO FIX AREA INSIDE THE PRIMARY AREA I USED THE COORDINATES FOR THE 208 AAO AND HIGH TERRAIN.</div> <div>FPT REQUESTED THE MDA REMAIN AT 400, SO I RETAINED THE 150 FT SHIP HEIGHT USED ON PREVIOUS PROCEDURE. REQUESTED AN UPDATE AND ATC WAS UNABLE TO GET A CURRENT HEIGHT FROM THE HARBOR AUTHORITY. A 110 SHIP HEIGHT WOULD LOWER THE MDA TO 360 WITH NO IMPACT ON THE REDESIGNED MISSED APPROACH. HELICOPTER VISIBILITY NOT RESTRICTED THE ONLY PENETRATION WAS FOUND ON THE UNDER RUN SEE GOOGLE EARTH SNAP SHOT 20-1 PENETRATION GOOGLE EARTH SCREEN SHOT. 20:1 AND 34:1 AREAS ARE CLEAR.</div> <div>25 DEGREE BANK ANGLE USED IN FROM IAFS OLONE AND UPOYO TO KRANE. NO SUITABLE BACK UP ALTIMETER AVAILABLE. LPV AND LNAV/VNAV NOT ADDED DUE TO GQS PENETRATIONS.</div> <div>ORDER 8260.3, VOLUME 1, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED. CAT A: 1.30NM CAT B: 1.81NM CAT C: 2.84NM CAT D: 3.71NM</div> <div>NO ADDITIONAL AIRSPACE REQUIRED.</div> <div>PHOG ON SERVICE A</div> <div>30 FT VEGETATION, 150 FT SHIPS USED IN AAO EXEMPT AREA, 208 FT SHIPS USED IN AAO AREA.</div> <div>PER FPT EMAIL, LOWER CIRCLING MDAS AND REMOVE PRECIPITOUS TERRAIN ADJUSTMENT IN CIRCLING. IPDS DID NOT SHOW AN INCREASED ROC NECESSARY FOR THE CIRCLING AREAS.</div> <div>VISUAL PORTION OF FINAL APPROACH EVALUATED IAW AFS-400 MEMORANDUM DATED 11/04/2014</div> <div><div>QUALITY 10 CHECKED</div></div>																					
1. COMMUNICATIONS WITH:				2. WEATHER SERVICE				3. ALTIMETER SETTING																							
OGG TOWER HCF ARTCC MAUI APP CON						N W S		OTHER: ASOS												SOURCE:PHOG											
						F A A														DISTANCE:											
						A / C														HOURS REMOTE OPERATION: BACKUP											
SATISFACTORY ON:																				LOCATION: PHOG											
X		V H F		X		U H F														H F		ADJUSTMENT: 0									
4. MONITOR STATUS		PRIMARY NAVAID:																													
		MONITOR POINT:																													
		HRS OPTN:		CAT 1																											
						CAT 3																									
5. APPROACH & RUNWAY LIGHTING				ALS																											
				(S) SALS																											
		X		MALSR 02 (PCL)																											
		X		HIRL 02 (PCL), 20 (PCL)																											
		X		MIRL 05 (PCL), 23 (PCL)																											
				REIL																											
				TDZ																											
				C/LINE																											
		X		OTHER (SPECIFY) PAPI-4L 20 VASI-4L 02, 05																											
6. RUNWAY MARKINGS				BASIC																											
				ALL WEATHER PIR-G 02, 20																											
				INSTRUMENT NPI-G 05, 23																											
7. RUNWAY VISUAL RANGE				APPROACH																											
				MIDFIELD																											
				ROLL OUT																											
8. GLIDE PATH				GP ANGLE:										ELEV RWY THRESHOLD:																	
				DISTANCE FROM RWY:										ELEV GP ANTENNA:																	
				THRESHOLD CROSSING HEIGHT:																											
9. FINAL APPROACH COURSE AIMING								RUNWAY THRESHOLD										FT. FROM THRESHOLD													
						X		ON CENTERLINE										FT. FROM CENTERLINE													
10. WAIVERS: NONE																															
PART D - PREPARED BY:												DATE:																			
A. J. FIELDS												02/19/2016																			
TITLE:												OFFICE:																			
AERONAUTICAL INFORMATION SPECIALIST												AJV-5431																			