

US DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION							ILS - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.29										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		ILS: DA LOC: 7.17 NM AFTER TEBBS/I-OGG 8.50 DME/RADAR OR AT I-OGG 1.32 DME									
OGG VORTAC				CAMPS INT/I-OGG 17.65 DME				204.34 / 17.67				6600		CLIMB TO 3000 ON OGG VORTAC R-023.47 TO KRANE/OGG 13.00 DME AND HOLD. ALTERNATE MA (DO NOT CHART): CLIMB TO 500 THEN CLIMBING LEFT TURN TO 5000 ON VYI NDB BRG-324.78 TO PLUMB INT AND HOLD (ADF REQUIRED). ADDITIONAL FLIGHT DATA: HOLD NE, RT, 203.47 INBOUND. CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD NW PLUMB INT, LT, 144.78 INBOUND. CHART FAS OBST: 252 STACK 205203N/1562714W CHART: 1319 GROUND 204755N/1563154W CHART VDP AT 2.58 DME* DISTANCE VDP TO THLD 1.26 NM. *LOC ONLY. CHART IN PLANVIEW: PLUMB INT. CHART IN PLANVIEW: LNY 21.44 DME AT CAMPS. CHART CIRCLING ICON.									
HARPO INT/LNY 26.55 DME (IAF)				CAMPS INT/I-OGG 17.65 DME (NOPT)				275.00 / 5.11 (LNY R-095) (OGG LR-195)				3000											
KEIKI INT/LNY 17.00 DME (IAF)				CAMPS INT/I-OGG 17.65 DME (NOPT)				095.00 / 4.44 (LNY R-095) (OGG LR-211)				3000											
CAMPS INT/I-OGG 17.65 DME (IF)				TEBBS/I-OGG 8.50 DME/RADAR				023.97 / 9.15 (I-OGG)				2400											
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF)														MAG VAR: 11E EPOCH YEAR: 1990									
2. HOLD SW CAMPS, RT, 023.97 INBOUND, 3000 FT. IN LIEU OF PT (IAF)																							
3. FAC: 023.97 FAF: TEBBS/I-OGG 8.50 DME/RADAR DIST FAF TO MAP: 7.17 THLD: 7.17																							
4. MIN. ALT: CAMPS 3000, TEBBS 2400, NOWAK/I-OGG 4.10 DME/RADAR 980*																							
5. DIST TO THLD FROM OM: - MM: - IM: - 150 HAT: - 100 HAT: - GS ANT: 1342																							
6. MIN GS INCPT: 2400 GS ALT AT: TEBBS 2400 OM: - MM: - IM: -																							
7. GS ANGLE: 3.00 TCH: 62.3																							
8. MSA FROM: OGG VORTAC 069-170 11300, 170-320 7000, 320-069 3400																							
MINIMUMS																							
TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT							ALTERNATE: N A			ILS: STANDARD #			LOC: 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								
S-ILS 02	254	1/2	200	254	1/2	200	254	1/2	200	254	1/2	200	254	1/2	200								
S-LOC 02	520	1/2	466	520	1/2	466	520	1	466	520	1	466	520	1	466								
CIRCLING	520	1	466	620	1	566	780	2	726	1180	3	1126	1720	3	1666								
NOTES: CHART NOTE: DME OR RADAR REQUIRED. CHART NOTE: FOR INOPERATIVE ALS, INCREASE ILS CAT E VISIBILITY TO 3/4 SM, AND LOC CATS C/D/E VISIBILITY TO 1 3/8 SM. CHART PROFILE NOTE: USE I-OGG DME WHEN ON THE LOCALIZER COURSE.																							
CITY AND STATE KAHULUI, HI							ELEVATION: 54 TDZE: 54 AIRPORT NAME: KAHULUI			FACILITY IDENTIFIER: I-OGG			PROCEDURE NO./AMDT NO./EFFECTIVE DATE: ILS OR LOC RWY 2, AMDT 25				SUP: AMDT: 24A DATED 07/21/2016						



ALL AFFECTED PROCEDURES REVIEWED? <div><input 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"/> ZHN, OGG ATCT.</div>					
FLIGHT CHECKED BY					
NAME: DAMIAN VERELLEN		Digitally signed by DONALD H LANIER Nov 01, 2017		FIFO FICO DATE: 10/18/2017	
DEVELOPED BY					
NAME: LIAM DONAHUE		Digitally signed by LIAM DONAHUE Dec 07, 2016		FIFO AJV-5431 DATE: 11/08/2016	
APPROVED BY					
NAME: PATRICK MULQUEEN		Digitally signed by DONALD H LANIER		FIFO AJV-5430 DATE:	
CHANGES: Nov 01, 2017					
<div>1. ADDED FEEDER ROUTE FROM OGG VORTAC TO IF/IAF CAMPS.</div> <div>2. CHANGED PRIMARY MISSED APPROACH FROM: CLIMB TO 3000 VIA OGG VORTAC R-024 THAN CLIMBING RIGHT TURN TO 5000 DIRECT OGG VORTAC THEN VIA OGG R-190 AND LNY R-095 TO CAMPS AND HOLD. TO: CLIMB TO 3000 ON OGG VORTAC R-023.47 TO KRANE/OGG 13 DME AND HOLD.</div> <div>3. CHANGED ALTERNATE MISSED APPROACH FROM: CLIMB TO 3000 VIA THE VYI NDB 024 BEARING OUTBOUND. THEN CLIMBING RIGHT TURN TO 7000 TO INTERCEPT THE VYI NDB 024 BEARING OUTBOUND TO THE VYI NDB AND HOLD. TO: CLIMB TO 500 THEN CLIMBING LEFT TURN TO 5000 ON VYI NDB BRG-344.78 TO PLUMB INT AND HOLD.</div> <div>4. CHANGED PRIMARY MISSED APPROACH HOLDING FROM: CAMPS W, LT, 095.00 INBOUND. TO: KRANE NE, RT, 203.47 INBOUND.</div> <div>5. CHANGED ALTERNATE MISSED APPROACH HOLDING FROM: VYI NDB RT, 204.00 INBOUND. TO: PLUMB INT NW, LT 144.72 INBOUND.</div> <div>6. MOVED FAF/PFAF TEBBS 1.67 NM NORTHEAST AND LOWERED ALTITUDE FROM 3000 TO 2400.</div> <div>7. MOVED LOC STEPDOWN FIX NOWAK 1.52 NM NORTHEAST AND LOWERED STEP ALTITUDE FROM 1520 TO 980.</div> <div>8. CHANGED INTERMEDIATE LENGTH/ALTITUDE FROM 7.49/3000 TO 9.15/2400.</div> <div>9. CHANGED VDP THLD/DME DIST FROM 1.22/2.43 TO 1.26/2.58.</div> <div>10. CHANGED S-ILS 02 DA/HAT-VIS FROM 304/250-3/4 TO 254/200-1/2.</div> <div>11. ELIMINATED NON STEP-DOWN S-LOC AND CIRCLING MINIMUMS.</div> <div>12. CHANGED S-LOC NOWAK VISIBILITY FROM 3/4 CATS A/B/C, 1 CAT D, AND 1 1/4 CAT E, TO S-LOC 02 VISIBILITY 1/2, CATS A/B, AND 1, CATS C/D/E.</div> <div>(SEE FORM 8260-10)</div>					
REASONS:					
<div>1-7. ATC REQUEST.</div> <div>8. MATCH NEW FINAL.</div> <div>9. NEW IAPA VDP CALCULATIONS.</div> <div>10. NEW FINAL GEOMETRY AND CONTROLLING OBSTACLES, 8260.3B TABLE 3-5A AND VISI CALCULATOR.</div> <div>11. STEP-DOWN FIX TYPE IS BOTH RADAR AND DME.</div> <div>12. 8260.3B AND VISI CALCULATOR.</div> <div>13. 8260.19G 8-6-6N. (VGSI 3.00/65 GLIDEPATH 3.00/62.30 WITHIN 0.2 DEGREES/3 FEET.)</div> <div>14. MATCH SECTORS TO OTHER PROCEDURES USING THE OGG VORTAC FOR MSA CENTER AND MAP STUDY.</div>					

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
ILS - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.29

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CITY AND STATE
KAHULUI, HI

ELEVATION: 54 TDZE: 54
AIRPORT NAME:
KAHULUI

FACILITY
IDENTIFIER:
I-OGG

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
ILS OR LOC RWY 2, AMDT 25

SUP:
AMDT: 24A
DATED: 07/21/2016

QUALITY
18
CHECKED

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. 13. DELETED VGSI NOT COINCIDENT NOTE. 14. CHANGED MSA NORTHEAST SECTORS FROM 180/270/360 TO 140/249/350 AND RAISED NORTHERN SECTOR ALTITUDE FROM 3300 TO 3400.					
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	OGG VORTAC	CAMPS INT/I-OGG	1. AAO	205051.00N/1563309.00W	4590 (4E)	2000		6600			
		17.65 DME	2. TERRAIN	205051.00N/1563309.00W	4390 (4400)		AS1500	5900			
INITIAL	HARPO INT/LNY	CAMPS INT/I-OGG	3. AAO	203518.00N/1563412.00W	1011 (4E)	1000	AT989	3000			
	26.55 DME	17.65 DME	4. TERRAIN	203518.00N/1563412.00W	811 (800)		AS1500	2300			
INITIAL	KEIKI INT/LNY	CAMPS INT/I-OGG	5. AAO	203412.00N/1563430.00W	1490 (4E)	1000	SA-976 AT1486	3000			
	17.00 DME	17.65 DME	6. TERRAIN	203606.00N/1563451.00W	56 (100)		AS1500	1600			
INTERMEDIATE	CAMPS INT/I-OGG	TEBBS/I-OGG 8.50	7. WINDMILL	204738.94N/1563208.83W	1618 (5E)	500	AC125 SA-218 AT375	2400			
	17.65 DME	DME/RADAR	(15-020086)								
			8. TERRAIN	204730.00N/1563200.00W	1070 (1100)		AS1000	2100			
FINAL: ILS	TEBBS/I-OGG 8.50	RW02				ASC		254/200			
	DME/RADAR										
FINAL: LOC	TEBBS/I-OGG 8.50	NOWAK/I-OGG 4.10	9. AAO	204755.46N/1563052.82W	600 (2C)	250	AT130	980			
	DME/RADAR	DME/RADAR									
2. HOLD-IN-LIEU-OF-PT	CAMPS	P-5	11. AAO	203333.10N/1563349.90W	1709 (3E)	1000		2800			
			12. TERRAIN	203333.10N/1563349.90W	1509 (1500)		AS1500	3000			
3. MISSED APPROACH	MAP:	DA / 7.17 NM	KRANE/OGG 13.00			ASC		3000			
	AFTER	DME	13. SHIP	210400.81N/1561905.73W	208 (2C)	1000		1300			
	ELEV:	82/270	14. TERRAIN	205339.00N/1562539.00W	83 (100)		AS1500	1600			
4. CIRCLING AREA	DISTANCE	HT. ABV. ARPT.									
CATEGORY A	1.3 NM	REQUIRED	350	ACTUAL	466	17. ATCT (15-000336)	205350.11N/1562534.18W	196 (1A)	300	SI	520
CATEGORY B	1.5 NM		450		566	18. TOWER (15-000253)	205155.88N/1562512.25W	313 (1A)	300		620
CATEGORY C	1.7 NM		450		726	19. AAO	205109.00N/1562418.00W	429 (2C)	300	XP40	780
CATEGORY D	2.3 NM		550		1126	20. AAO	205230.00N/1562157.00W	840 (2C)	300	XP40	1180
CATEGORY E	4.5 NM		550		1666	21. AAO	205245.01N/1563109.02W	1419 (2C)	300		1720
5. MINIMUM SAFE ALTITUDES	PRIMARY NAVAID: OGG VORTAC										
SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A	SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A		
069-170	AAO	132/14.7	10223 (6A)	11300	320-069	AAO	115/09.8	2353 (2C)	3400		
170-320	AAO	254/09.4	5988 (6A)	7000							
CITY AND STATE	ELEVATION: 54			FACILITY			PROCEDURE AND AMENDMENT NO:			REGION	
KAHULUI, HI	AIRPORT NAME:			I-OGG			ILS OR LOC RWY 2, AMDT 25			AWP	
	KAHULUI									QUALITY	

PART B - SUPPLEMENTAL DATA										PART C - REMARKS: PRECIPITOUS TERRAIN EVALUATION COMPLETED. ORDER 8260.3 CHAPTER 2 APPLIED TO 1319 GROUND 204755N/1563154W PHOG ALTIMETER CONNECTED TO WMSCR. VGSI: 3.00/65.0 OBSTACLE 20, CAT E CIRCLING, WAS DERIVED FROM P-NOTAM 6/0372. VEGETATION HEIGHT 30 FEET PER FPT. ORDER 8260.3, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED. CAT A: 1.30NM CAT B: 1.81NM CAT C: 2.84NM CAT D: 3.71NM CAT E: 4.70NM SEE ATTACHED AIRSPACE LETTER. BACK-UP ALTIMETER SETTING MINIMUMS NOT DEVELOPED DUE TO REDUNDANT ALTIMETER SETTING SOURCE ON FIELD LOCALIZER STEP DOWN FIX NOWAK LOCATION AND ALTITUDE PER ATC REQUEST. (IFP REQUEST FORM). DME OR RADAR IS AN ATC REQUEST FOR LOCAL USERS IN THE EVENT OF AN OGG OUTAGE. OBSTACLE 20 XP - MATCH MDA FROM PNOTAM 6/0372. OBSTACLE 19 XP - MATCH MDA FROM P-NOTAM 6/0372 MISSED APPROACH OBSTACLES CONT. ALTERNATE: ASC 5000 15. AAO 205853.62N/1563256.43W 1333 (2C) 1000 2400 16. TERRAIN 205853.62N/1563256.43W 1133 (1100) AS1500 2600															
1. COMMUNICATIONS WITH:				2. WEATHER SERVICE				3. ALTIMETER SETTING																	
HCF ARTCC OGG TOWER						N W S		OTHER: ASOS												SOURCE:PHOG					
						F A A														DISTANCE:					
						A / C														HOURS REMOTE OPERATION:					
SATISFACTORY ON:				LOCATION: PHOG				ADJUSTMENT: 0																	
4. MONITOR STATUS		X		V H F		X		U H F												H F		PRIMARY NAVAID: I-OGG			
																				MONITOR POINT: OGG ATCT					
		HRS OPTN:		CAT 1				24 HRS																	
5. APPROACH & RUNWAY LIGHTING																						CAT 3			
												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) VASI-4L 02, 05 PAPI-4L 20													
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: 3.00													
												ELEV RWY THRESHOLD:53.5													
												DISTANCE FROM RWY: 1342													
												ELEV GP ANTENNA: 47.7													
												THRESHOLD CROSSING HEIGHT:62.3													
9. FINAL APPROACH COURSE AIMING				X								RUNWAY THRESHOLD FT. FROM THRESHOLD													
				X								ON CENTERLINE FT. FROM CENTERLINE													
10. WAIVERS: 1 ORDER 8260.3B, VOLUME 3, PARAGRAPH 2.6.1 B; 62.3 FT TCH ON ILS																									
PART D - PREPARED BY: LIAM DONAHUE										DATE: 11/08/2016															
TITLE: AERONAUTICAL INFORMATION SPECIALIST										OFFICE: AJV-5431															



STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD		
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PART - A OBSTRUCTION DATA

[illegible]

PART B - SUPPLEMENTAL DATA										PART C - REMARKS:	
1. COMMUNICATIONS WITH:				2. WEATHER SERVICE			3. ALTIMETER SETTING				
SATISFACTORY ON:					N W S	OTHER:		SOURCE:			
					F A A			DISTANCE:			
					A / C			HOURS REMOTE OPERATION:			
	V H F		U H F		H F	LOCATION:			ADJUSTMENT:		
4. MONITOR STATUS		PRIMARY NAVAID:									
		MONITOR POINT:									
		HRS	CAT 1								
		OPTN:	CAT 3								
5. APPROACH & RUNWAY LIGHTING			ALS								
			(S) SALS								
			MALS								
			HIRL								
			MIRL								
			REIL								
			TDZ								
			C/LINE								
6. RUNWAY MARKINGS		BASIC									
		ALL WEATHER									
		INSTRUMENT									
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		
				ON CENTERLINE					FT. FROM CENTERLINE		
10. WAIVERS:											
PART D - PREPARED BY:										DATE:	
TITLE:										OFFICE:	