

**FEDERAL AVIATION ADMINISTRATION  
FLIGHT STANDARDS SERVICE  
ILS STANDARD INSTRUMENT APPROACH PROCEDURE  
TITLE 14 CFR PART 97.29**

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 ID</u> PHOG	<u>PROCEDURE NAME</u> ILS Z OR LOC Z RWY 2	<u>ORIGINAL/AMENDMENT</u> 26	<u>CITY</u> KAHULUI	<u>STATE</u> HI		
<u>AIRPORT ELEVATION</u> 55	<u>TDZE</u> 55	<u>SUPERSEDED</u> ILS OR LOC RWY 2	<u>ORIGINAL/AMENDMENT</u> 25A	<u>DATED</u> 07/19/2018	<u>MAG VAR</u> 11E	<u>EPOCH YEAR</u> 1990
<u>FACILITY</u> I-OGG	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 27 JANUARY 2022	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>		

**TERMINAL ROUTES**

<u>FROM</u>	<u>FIX TYPE</u>	<u>TO</u>	<u>FIX TYPE</u>	<u>LEG TYPE</u>	<u>FO/FB</u>	<u>RNP</u>	<u>COURSE</u>	<u>DISTANCE</u>	<u>ALTITUDE</u>
OGG VORTAC		ZOXUP/I-OGG 15.20 DME					204.41	15.22	6600
HOMAI	IAF	JUBEG	NOPT	TF	FB	1.00	203.83	9.39	4600
JUBEG		YEVLU		TF	FB	1.00	203.98	7.75	4200
YEVLU		ZOXUP/I-OGG 15.20 DME		TF	FB	1.00	293.95	4.36	4000
KEIKI	IAF	ZOXUP/I-OGG 15.20 DME	NOPT	TF	FB	1.00	071.17	5.72	4000
GREHG	IAF	ZOXUP/I-OGG 15.20 DME	NOPT	TF	FB	1.00	313.38	6.74	4000
ZOXUP/I-OGG 15.20 DME	IF/IAF	TEBBS/I-OGG 8.50 DME/RADAR					023.97	6.70 (I-OGG)	2400

**MISSED APPROACH**

**MAP:**

ILS: DA  
LOC: I-OGG 1.32 DME

**MISSED APPROACH INSTRUCTIONS:**

CLIMB TO 3000 ON OGG VORTAC R-023 TO KRANE/OGG 13.00 DME AND HOLD.

**ALTERNATE MISSED APPROACH INSTRUCTIONS (DO NOT CHART):**

CLIMB TO 500 THEN CLIMBING LEFT TURN TO 5000 ON VYI NDB BRG-335 TO HOKUX INT AND HOLD, CONTINUE CLIMB-IN-HOLD TO 5000. (ADF REQUIRED)



1. PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF	(IAF)		
2. HOLD SW ZOXUP, LT, 023.97 INBOUND, 4000 FT. IN LIEU OF PT (IAF), MAX 6600.							
3. FAC:	023.97	FAF: TEBBS/I-OGG 8.50 DME/RADAR	DIST FAF TO MAP:	DIST FAF TO THLD: 7.17			
4. MIN ALT:	ZOXUP/I-OGG 15.20 DME 4000, TEBBS/I-OGG 8.50 DME/RADAR 2400, NOWAK/I-OGG 4.79 DME/RADAR 1220						
5. DIST TO THLD FROM FAF:	7.17	MM:	IM:	150 HAT:	GS ANT: 1341		
6. MIN GS INCPT:	2400	GS ALT AT FAF : TEBBS/I-OGG 8.50 DME/RADAR 2400			OM:	MM:	IM:
7. GP ANGLE:	3.00	34:1:	20:1:	TCH:	62.3		
8. MSA FROM:	OGG VORTAC 069-170 11300, 170-320 7000, 320-069 3400						

DME REQUIRED.  
RNP APCH-GPS. FROM HOMAI OR KEIKI OR GREHG.

CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).  
CHART NOTE: FOR INOPERATIVE 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.  
CHART PROFILE NOTE: USE I-OGG DME WHEN ON THE LOCALIZER COURSE.  
CHART OGG VORTAC 15.22 DME AT ZOUP.  
CHART SPEED ICON IN PLANVIEW AT HOMAI: MAX 210 KIAS.  
CHART SPEED ICON IN PLANVIEW AT YEVLU: MAX 210 KIAS.  
CHART SPEED ICON IN PLANVIEW AT KEIKI: MAX 280 KIAS.  
CHART SPEED ICON IN PLANVIEW AT GREHG: MAX 280 KIAS.

CHART CIRCLING ICON.  
CHART IN PLANVIEW AT HOMAI: NA FOR CATEGORY E AIRCRAFT.  
CHART MANDATORY 5000 AT HOMAI.  
HOLD NE, RT, 203.47 INBOUND.  
CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD NW HOKUX INT, LT, 155.00 INBOUND.  
CHART FAS OBST: 252 STACK (15-000038) 205203N/1562714W.  
FAS OBST: 1506 AAO 204751N/1563154W, 360 AAO 205043N/1562834W.  
CHART VDP AT 2.54 DME  
DISTANCE VDP TO THLD 1.22 NM.  
CHART IN PLANVIEW: HOKUX INT.

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

**ALTERNATE:** NA ☐ ILS: STANDARD - NA WHEN CONTROL TOWER CLOSED.; LOC: STANDARD - CAT D 1100-3, CAT E 1700-3, NA WHEN CONTROL TOWER CLOSED.

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-ILS 02	275	1/2	220	275	1/2	220	275	1/2	220	275	1/2	220	275	1/2	220
S-LOC 02	520	1/2	465	520	1/2	465	520	1	465	520	1	465	520	1	465
CIRCLING	520	1	465	620	1	565	740	2	685	1140	3	1085	1720	3	1665

**CHANGES - REASONS**

CHANGES FROM AMDT 25A TO AMDT 26 FLIGHT CHECKED ON 12/9/20.

1. CHANGED INTERMEDIATE FIX FROM CAMPS TO ZOXP AND INTERMEDIATE DISTANCE FROM 9.15 TO 6.7. - ATC REQUEST.
2. CHANGED HOLD-IN-LIEU FROM OLD IF/IAF CAMPS TO NEW IF/IAF ZOXP. - ATC REQUEST.
3. CHANGED FEEDER ENDPOINT FROM CAMPS TO ZOXP - ZOXP IS NEW IF/IAF.
4. ADDED RNAV INITIALS FROM HOMAI, JUBEG, YEVLU, KEIKI, AND GREHG. - ATC REQUEST.
5. DELETED INITIALS FROM HARPO TO CAMPS AND FROM KEIKI TO CAMPS. - ATC REQUEST.
6. RAISED LOC ALTITUDE AT NOWAK FROM 980 TO 1220 AND MOVED FIX 0.69 NM SW. - NEW CONTROLLING OBSTACLE.
7. CHANGED ALTERNATE MISSED APPROACH FROM: CLIMB TO 500 THEN CLIMBING LEFT TURN TO 5000 ON VYI NDB BRG -325 VYI NDB TO PLUMB INT AND HOLD. TO: CLIMB TO 500 THEN CLIMBING LEFT TURN TO 5000 ON VYI NDB BRG-335 TO HOKUX INT AND HOLD CONTINUE CLIMB-IN-HOLD TO 5000 (ADF REQUIRED). - MISSED APPROACH PENETRATION REQUIRING ALTERNATE MISSED FLIGHT PATH TO BE SHIFTED EAST.
8. ADDED EQUIPMENT REQUIREMENT NOTE: FROM HOMAI, KEIKI, AND GREHG: RNAV 1-GPS REQUIRED. - NAMED FIXES ARE IAFS FOR RNAV INITIALS.
9. ADDED PROFILE NOTE: CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).- DESIGN TCH AND VGSI TCH ARE NOT COINCIDENT.
10. ADDED NOTE: \*LOC ONLY. - NEEDED TO REFERENCE 1220 ALTITUDE AT LOC STEP-DOWN (NOWAK).
11. ADDED CHART SPEED ICONS FOR KEIKI (280), YEVLU (210), AND GREHG (280). - ATC REQUEST.
12. CHANGED ALTERNATE HOLDING IN ADDITIONAL FLIGHT DATA FROM HOLD NW PLUMB INT, LT 144.78 INBOUND. TO: HOLD N HOKUX, LT, 175.07 INBOUND. - NEW ALTERNATE MISSED APPROACH HOLDING FIX.
13. CHANGED LOC 7:1 OBSTACLE IN ADDITIONAL FLIGHT DATA FROM: 1319 GROUND 204755N/1562714W TO 1506 AAO 204754N/1563154W. - NEW MAP STUDY.
14. RAISED ILS DA/HAT FROM 254/200 TO 273/220. - PRECIPITOUS TERRAIN ADJUSTMENT AND TDZE CHANGED FROM 54 TO 53.
15. ADDED CHART MANDATORY 5000 AT AND 210 MANDATORY AIRSPEED HOMAI. - ALTITUDE AND AIRSPEED REQUIRED BECAUSE IT CONNECTS TO LNDHY STAR.
16. ADDED CHART IN PLANVIEW AT HOMAI: NA FOR CATEGORY E AIRCRAFT. - ATC REQUEST.
17. ADDED VDP AT 2.54 DME AND 1.22 NM FROM THLD. - VDP NOW AUTHORIZED.
18. CHANGED MSA IN SECTOR FROM 069 TO 170 FROM 11300 TO 11200. - NEW CONTROLLING OBSTACLE.
19. ADDED NONSTANDARD CAT D AND E ALTERNATE LOCALIZER MINIMUMS OF 1200-3 AND 1700-3 RESPECTIVELY. - NEW ALT MIN CALCULATIONS.
20. CHART IN PLANVIEW: LNY 21.44 DME AT CAMPS REMOVED. - CAMPS NO LONGER USED IN THIS PROCEDURE.
21. CHART IN PLANVIEW NOTE: DME REQUIRED REMOVED. - MOVED TO EQUIPMENT REQUIREMENTS NOTES.
22. CHART IN PLANVIEW: PLUMB INT CHANGED TO HOKUX INT. HOKUX IS NOW THE ALT MISSED APPROACH FIX.
23. TDZE/AIRPORT ELEVATION CHANGED FROM 54 TO 53. - NEW SURVEY.
24. CHANGED S-LOC 2 HAT FROM 466 TO 467 AND ADDED 1 FOOT FROM CATS A, B AND E CIRCLING HAAS.- CHANGE IN TDZE/AIRPORT ELEVATION.
25. CHANGED CATS C AND D CIRCLING MDA/HAA FROM 780/726 AND 1180/1180 TO 740/687 AND 1160/1107. - NEW MAP STUDY, AIRPORT ELEVATION CHANGE.

ILS OR LOC RWY 2, AMDT 26 FLIGHT CHECKED ON 12/9/20. AFTER 12/9/20 FPT/ATC REQUESTED TO ADD AN ADDITIONAL ILS Y OR LOC Y RWY 2, ORIG. THE FOLLOWING CHANGES ARE FROM ILS OR LOC RWY 26, AMDT 26 FLIGHT CHECKED ON 12/9/20 TO THIS ILS Z OR LOC Z RWY 26 AMDT 26

1. CHANGED NAME FROM ILS OR LOC RWY 2 TO ILS Z OR LOC Z RWY 2. - ILS Y OR LOC Y RWY 2 IS BEING PUBLISHED.
2. REMOVED \* LOC ONLY FROM NOTES AND ADDITIONAL FLIGHT DATA. - NO LONGER REQUIRED IAW FAAO 8260.19I
3. REPLACED " CHART MANDATORY 210 KIAS AT HOMAI." IN ADDITIONAL FLIGHT DATA WITH "CHART SPEED ICON IN PLANVIEW AT HOMAI: MAX 210 KIAS." IN NOTES. - MANDATORY SPEEDS NOT AUTHORIZED.
4. CHANGED EQUIPMENT REQUIREMENTS NOTE FROM "FROM HOMAI, KEIKI, AND GREHG: RNAV 1-GPS REQUIRED." TO "RNP APCH-GPS. FROM HOMAI OR KEIKI OR GREHG."- IAW FAAO 8260.19I PARAGRAPH 8-6-8.
5. ADDED LOC STEP DOWN 7:1 OBS 360 AAO AT 205043N/1562834W. - NEW MAP STUDY.
6. ADDED OBS NUMBER TO CHART FAS OBS AND "FAS OBST." TO 7:1 OBSTACLES IN ADDITIONAL FLIGHT DATA. - IAW FAAO 8260.19I PARAGRAPH 8-6-10.
7. LOWERED CIRCLING CAT D MDA FROM 1160/HAA 1107 TO 1140/HAA 1085. - MAP STUDY AND MATCH VOR Z OR TACAN RWY 20 AMDT 1 FLIGHT CHECKED ON 07/16/2019.
8. CHANGED CAT D ALTERNATE MINIMUMS FROM 1200-3 TO 1100-3. - CIRCLING CAT D HAA NOW 1085.
9. ADDED DIST TO THLD FROM FAF: 7.17 TO LINE 5 OF PROFILE VIEW. - FIX PREVIOUS DOCUMENTATION ERROR.
10. LINE 4 AT NOWAK CHANGED FROM NOWAK/I-OGG LOC/DME 4.79 DME/RADAR 1220\* TO NOWAK/I-OGG 4.79 DME/RADAR 1220. - FAAO 8260.19I PARAGRAPH 8-6-7.
11. MSA 090-170 ALT CHANGED FROM 11200 TO 11300. - CORRECT ERROR IN PREVIOUS AMDT.
12. ADDITIONAL FLIGHT DATA NOTE REF ALT MA HOLD FIX ADDED INT TO HOKUX. - HOKUX IS AN INTERSECTION.
13. CHANGED ZOXP/1520 DME TO ZOXP/I-OGG 15.20 DME IN ALL TERMINAL ROUTS LEADING TO ZOXP. - FAAO 8260.19I PARAGRAPH 8-6-4.
14. TDZE/AIRPORT ELEVATION CHANGED FROM 53 TO 55. - NEW SURVEY.
15. CHANGED S-LOC 2 HAT FROM 467 TO 465 AND SUBTRACTED 2 FEET FORM CATS A, B AND E CIRCLING HAAS.- CHANGE IN TDZE/AIRPORT ELEVATION.

COORDINATED WITH:

A4A ☒ ALPA ☒ AOPA ☐ APA ☒ HAI ☐ NBAA ☒ OTHER: ZHN, OGG ATCT

*Digitally signed by*

FLIGHT CHECKED BY

**DONALD H LANIER**

OFFICE

DATE

SCOTT AXELSON

Jun 15, 2021

FICO

06/09/2021

DEVELOPED BY

*Digitally signed by*

**LIAM DONAHUE**

OFFICE

DATE

LIAM DONAHUE

Mar 26, 2021

AJV-A431

02/11/2021

APPROVED BY

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**DONALD H LANIER**

OFFICE

DATE

TITLE  
MANAGER

LONNIE EVERHART

Jun 15, 2021

AJV-A430