

FEDERAL AVIATION ADMINISTRATION  
FLIGHT STANDARDS SERVICE  
GRAPHIC DEPARTURE PROCEDURES (DP)

Bearings, headings, courses, tracks and radials are magnetic. Elevations and altitudes are in feet, MSL. Altitudes are minimum altitudes unless otherwise indicated.  
Ceilings are in feet above airport elevation. Distances are in nautical miles. Visibilities are in statute miles or feet RVR unless otherwise indicated.

DP NAME		NUMBER	DP COMPUTER CODE	SUPERSEDED NUMBER	DATED	ACTUAL EFFECTIVE DATE
KAUAI		TWO	KAUAI2.KAUAI	ONE	06/15/2023	16 MAY 2024
TYPE:	OBSTACLE	COPTER	SID	SPECIAL	RNAV	
	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

DP ROUTE DESCRIPTION:

TAKEOFF RUNWAY 3: CLIMBING RIGHT TURN TO HEADING 155.00, THENCE...  
TAKEOFF RUNWAY 17: CLIMBING LEFT TURN TO HEADING 060.00, THENCE...  
TAKEOFF RUNWAY 21: CLIMBING LEFT TURN TO HEADING 065.00, THENCE...  
TAKEOFF RUNWAY 35: CLIMBING RIGHT TURN TO HEADING 155.00, THENCE...

...INTERCEPT LIH VORTAC R-110 EASTBOUND TO KAUAI/LIH 20.00 DME BEFORE PROCEEDING ON COURSE.

TRANSITION ROUTES (GRAPHIC DEPICTION ONLY):

TRANSITION NAME	TRANSITION COMPUTER CODE	FROM FIX/NAVAID	TO FIX/NAVAID	COURSE	DISTANCE	MEA	MOCA	CROSSING ALTITUDE/FIXES
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PBN REQUIREMENT NOTES:

EQUIPMENT REQUIREMENT NOTES:

DME REQUIRED.

PROCEDURAL DATA NOTES:

RWY 21: OBTAIN ATC APPROVAL FOR VCOA WHEN REQUESTING IFR CLEARANCE. CLIMB IN VISUAL CONDITIONS TO CROSS LIHUE AIRPORT AT OR ABOVE 4900 BEFORE PROCEEDING ON COURSE.

TAKEOFF MINIMUMS:

RWY 3, 17, 35: STANDARD.

RWY 21: STANDARD WITH MINIMUM CLIMB OF 720 FT/NM TO 2100 OR 4900-3 FOR VCOA.

TAKEOFF OBSTACLES NOTES:

NOTE: RWY 3: ELECTRICAL SYSTEM 24 FT FROM DER, 237 FT RIGHT OF CENTERLINE, 17 FT AGL/81 FT MSL.  
NAVAID 85 FT FROM DER, 418 FT LEFT OF CENTERLINE, 8 FT AGL/85 FT MSL.  
TREE 114 FT FROM DER, 337 FT RIGHT OF CENTERLINE, 29 FT AGL/83 FT MSL.  
TREES BEGINNING 221 FT FROM DER, 188 FT RIGHT OF CENTERLINE, UP TO 35 FT AGL/88 FT MSL.  
TREES BEGINNING 240 FT FROM DER, 19 FT RIGHT OF CENTERLINE, UP TO 43 FT AGL/95 FT MSL.  
TREES BEGINNING 250 FT FROM DER, 8 FT LEFT OF CENTERLINE, UP TO 34 FT AGL/93 FT MSL.  
TREES BEGINNING 395 FT FROM DER, 38 FT LEFT OF CENTERLINE, UP TO 33 FT AGL/94 FT MSL.  
TREES BEGINNING 415 FT FROM DER, 39 FT LEFT OF CENTERLINE, UP TO 39 FT AGL/95 FT MSL.  
TREES BEGINNING 431 FT FROM DER, 38 FT LEFT OF CENTERLINE, UP TO 34 FT AGL/103 FT MSL.  
TREES BEGINNING 473 FT FROM DER, 15 FT LEFT OF CENTERLINE, UP TO 50 FT AGL/107 FT MSL.  
TREE 541 FT FROM DER, 4 FT RIGHT OF CENTERLINE, 54 FT AGL/103 FT MSL.  
TREES BEGINNING 548 FT FROM DER, 8 FT RIGHT OF CENTERLINE, UP TO 56 FT AGL/104 FT MSL.  
TREE 971 FT FROM DER, 676 FT LEFT OF CENTERLINE, 68 FT AGL/115 FT MSL.



TREE 1563 FT FROM DER, 539 FT LEFT OF CENTERLINE, 90 FT AGL/127 FT MSL.  
TREE 1750 FT FROM DER, 783 FT LEFT OF CENTERLINE, 120 FT AGL/165 FT MSL.

NOTE: RWY 17: LIGHT POLES 4 FT FROM DER, 6 FT LEFT OF CENTERLINE, 2 FT AGL/94 FT MSL.  
TREE 135 FT FROM DER, 273 FT RIGHT OF CENTERLINE, 10 FT AGL/95 FT MSL.  
TREES BEGINNING 858 FT FROM DER, 565 FT RIGHT OF CENTERLINE, UP TO 45 FT AGL/131 FT MSL.  
TREE 1289 FT FROM DER, 734 FT RIGHT OF CENTERLINE, 57 FT AGL/132 FT MSL.

NOTE: RWY 21: LIGHT POLES 8 FT FROM DER, 54 FT LEFT OF CENTERLINE, 3 FT AGL/154 FT MSL.  
LIGHT POLES 9 FT FROM DER, 55 FT RIGHT OF CENTERLINE, 3 FT AGL/155 FT MSL.  
TERRAIN 33 FT FROM DER, 457 FT RIGHT OF CENTERLINE, 156 FT MSL.  
POLE 191 FT FROM DER, 546 FT LEFT OF CENTERLINE, 44 FT AGL/183 FT MSL.  
POLE 366 FT FROM DER, 550 FT LEFT OF CENTERLINE, 46 FT AGL/184 FT MSL.  
TREE, POLE BEGINNING 496 FT FROM DER, 563 FT LEFT OF CENTERLINE, UP TO 70 FT AGL/206 FT MSL.  
TREES BEGINNING 1148 FT FROM DER, 231 FT RIGHT OF CENTERLINE, UP TO 42 FT AGL/203 FT MSL.  
TREE 1456 FT FROM DER, 185 FT RIGHT OF CENTERLINE, 67 FT AGL/212 FT MSL.  
TREES BEGINNING 1465 FT FROM DER, 53 FT RIGHT OF CENTERLINE, UP TO 77 FT AGL/230 FT MSL.  
TREES BEGINNING 1509 FT FROM DER, 62 FT RIGHT OF CENTERLINE, UP TO 87 FT AGL/241 FT MSL.  
TREE 1535 FT FROM DER, 3 FT LEFT OF CENTERLINE, 70 FT AGL/208 FT MSL.  
TREE, POLE BEGINNING 1660 FT FROM DER, 9 FT RIGHT OF CENTERLINE, UP TO 96 FT AGL/248 FT MSL.  
TREES BEGINNING 1903 FT FROM DER, 267 FT LEFT OF CENTERLINE, UP TO 68 FT AGL/217 FT MSL.  
TREE 2016 FT FROM DER, 280 FT LEFT OF CENTERLINE, 70 FT AGL/218 FT MSL.  
TREES BEGINNING 2028 FT FROM DER, 296 FT LEFT OF CENTERLINE, UP TO 73 FT AGL/221 FT MSL.  
TREES BEGINNING 2211 FT FROM DER, 337 FT LEFT OF CENTERLINE, UP TO 82 FT AGL/227 FT MSL.  
TREES BEGINNING 3101 FT FROM DER, 442 FT LEFT OF CENTERLINE, UP TO 107 FT AGL/231 FT MSL.  
TREES BEGINNING 2.1 NM FROM DER, 2127 FT LEFT OF CENTERLINE, UP TO 3 FT AGL/896 FT MSL.  
TREES BEGINNING 2.2 NM FROM DER, 2974 FT LEFT OF CENTERLINE, UP TO 212 FT AGL/1329 FT MSL.  
TREES BEGINNING 2.3 NM FROM DER, 2596 FT LEFT OF CENTERLINE, UP TO 60 FT AGL/1402 FT MSL.

NOTE: RWY 35: FENCE 40 FT FROM DER, 309 FT RIGHT OF CENTERLINE, 13 FT AGL/94 FT MSL.  
TREE 107 FT FROM DER, 436 FT RIGHT OF CENTERLINE, 19 FT AGL/100 FT MSL.  
TREES BEGINNING 203 FT FROM DER, 379 FT RIGHT OF CENTERLINE, UP TO 51 FT AGL/131 FT MSL.  
TERRAIN 2.3 NM FROM DER, 4221 FT LEFT OF CENTERLINE, 60 FT AGL/480 FT MSL.

**CONTROLLING OBSTACLES:**  
RWY 21: 1474 FT MSL TREE 215615.06N/1592217.13W (CG), 1557 FT MSL TREE 215557.21N/1592223.35W (CGTA).  
OBSTACLES MANDATING ODP ROUTE DEVELOPMENT: RWY 3: 5407 FT MSL AAO 220324.00N/1592945.00W. RWY 17, 21: 5427 FT MSL AAO 220324.00N/1592948.00W. RWY 35: 5440 FT MSL AAO 220330.00N/1592951.00W.  
VISUAL CLIMB AREA OBSTACLE: RWY 21: 1678 FT MSL TREE 215544.33N/1592250.84W.  
OBSTACLE OUTSIDE VISUAL CLIMB AREA MANDATING VCOA CLIMB TO ALTITUDE: 5427 FT MSL AAO 220324.00N/1592948.00W

**MSA:**  
MSA FROM LIH VORTAC, 360--230 3500, 230-360 6500.

**LOST COMMUNICATIONS PROCEDURES:**



DP NAME	NUMBER	DP COMPUTER CODE	SUPERSEDED NUMBER	DATED	ACTUAL EFFECTIVE DATE
KAUAI	TWO	KAUAI2.KAUAI	ONE	06/15/2023	16 MAY 2024

ADDITIONAL FLIGHT DATA:

AIRPORTS SERVED:

AIRPORT ID	CITY	STATE
PHLI	LIHUE	HI

COMMUNICATIONS:

CHART ATIS, GND CON, TOWER

FIXES AND/OR NAVAIDS:

REMARKS:

LETTER OF APPROVAL REQUESTED: CLIMB GRADIENT IN EXCESS OF 500 FT/NM FOR AIRCRAFT DEPARTING RWY 21.  
WAIVER: DR LEG IN EXCESS OF 10 NM.

<b><u>FLIGHT INSPECTED BY</u></b>	<i>Digitally signed by</i> <b>CASIMIR L TABAKA</b> Feb 27, 2024	<b><u>SIGNATURE</u></b>	<b><u>OFFICE</u></b> FPO	<b><u>DATE</u></b> 02/26/2024	
<b><u>DEVELOPED BY</u></b>		<i>Digitally signed by</i> <b>TYLER D MITCHELL</b> Feb 13, 2024	<b><u>OFFICE</u></b> AJV-A432	<b><u>DATE</u></b> 10/27/2023	
<b><u>APPROVED BY</u></b>	<i>Digitally signed by</i> <b>CASIMIR L TABAKA</b> Feb 13, 2024	<b><u>SIGNATURE</u></b>	<b><u>OFFICE</u></b> AJV-A432	<b><u>DATE</u></b>	<b><u>TITLE</u></b> MANAGER

REQUIRED EFFECTIVE DATE

ROUTINE

COORDINATED WITH:

A4A ☒ ALPA ☒ AOPA ☒ APA ☒ HAI ☐ NBAA ☒ OTHER:HI STATE AERONAUTICAL DIRECTOR, HCF, AMGR.

CHANGES - REASONS:

1. DP ROUTE DESCRIPTION FOR RUNWAY 3 CHANGED FROM TURN HEADING 125.00 TO TURN HEADING 155.00 - ATC REQUEST.
2. DP ROUTE DESCRIPTION FOR RUNWAY 21 CHANGED FROM TURN HEADING 090.00 TO TURN HEADING 065.00 - ATC REQUEST.
3. DP ROUTE DESCRIPTION FOR RUNWAY 35 CHANGED FROM TURN HEADING 130.00 TO TURN HEADING 155.00 - ATC REQUEST.
4. DP ROUTE DESCRIPTION CHANGED FROM "...INTERCEPT LIH VORTAC R-110 EASTBOUND TO 4000 BEFORE PROCEEDING ON COURSE." TO "...INTERCEPT LIH VORTAC R-110 EASTBOUND TO KAUAI/LIH 20.00 DME TO 4000 BEFORE PROCEEDING ON COURSE." - KAUAI FIX ADDED.
5. ADDED EQUIPMENT REQUIREMENT NOTES: DME REQUIRED. - KAUAI IS A DME FIX.
6. TAKEOFF MINIMUMS FOR RWY 21 CHANGED FROM "STANDARD WITH MINIMUM CLIMB OF 720 FT/NM TO 2100 OR 4900-3 FOR VCOA." TO "STANDARD WITH MINIMUM CLIMB OF 680 FT/NM TO 2100 OR 4900-3 FOR VCOA." - NEW CONTROLLING OBSTACLES IDENTIFIED.
7. TAKEOFF OBSTACLE NOTES UPDATED. - 8260.46, NEW EVALUATION.
8. RWY 21 CONTROLLING OBSTACLE CHANGED FROM "1474 FT MSL TREE 215615.06N/1592217.13W" TO "1557 MSL TREE 215557.21N/1592223.35W" - NEW CONTROLLER IDENTIFIED.
9. OBSTACLES MANDATING ROUTE DEVELOPMENT CHANGED FROM "RWY 3, 17: 1474 FT MSL TREE 215615.06N/1592217.13W. RWY 21: 2389 MSL AAO 215529.79N/1592404.39W. RWY 35: 760 FT MSL TOWER 220005.60N/1592127.60W." TO "RWY 3: 5407 FT MSL AAO 220324.00N/1592945.00W. RWY 17, 21: 5427 FT MSL AAO 220324.00N/1592948.00W. RWY 35: 5440 FT MSL AAO 220330.00N/1592951.00W." - NEW OBSTACLES IDENTIFIED.
10. OBSTACLE OUTSIDE VISUAL CLIMB AREA MANDATING VCOA CLIMB TO ALTITUDE CHANGED FROM "5397 FT MSL AAO 220324.00N/1592948.00W." TO "5427 FT MSL AAO 220324.00N/1592948.00W" - NEW CONTROLLER IDENTIFIED.
11. MSA CHANGED FROM "MSA FROM LIH VORTAC, 360-230 3500, 230-360 6400" TO "MSA FROM LIH VORTAC, 360--230 3500, 230-360 6500." - NEW OBSTACLE EVALUATION PERFORMED.

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CHECKED

12. ADDED REMARK "WAIVER: DR LEG IN EXCESS OF 10 NM." - WAIVER TO 8260.46 REQUIRED.

1. REMOVED "TO 4000" FROM DEPARTURE ROUTE DESCRIPTION.
2. RWY 21 CG/CGTA CHANGED FROM 620 FT/NM TO 2100 TO 720 FT/NM TO 2100.
3. ADDED RWY 21: 1474 FT MSL TREE 215615.06N/1592217.13W (CG) TO CONTROLLING OBSTACLES.

