

**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.

<u>DP NAME</u>						<u>NUMBER</u>	<u>DP COMPUTER CODE</u>	<u>SUPERSEDED NUMBER</u>	<u>DATED</u>	<u>ACTUAL EFFECTIVE DATE</u>
KEOLA						THREE	KEOLA3.KEOLA	TWO	01/06/1994	
<u>TYPE:</u>	<u>OBSTACLE</u>	<u>COPTER</u>	<u>SID</u>	<u>SPECIAL</u>	<u>RNAV</u>					
	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>					

**DP ROUTE DESCRIPTION:**

TURN RIGHT/LEFT TO HEADING ASSIGNED BY THE TOWER, EXPECT VECTORS TO KEOLA, MAINTAIN 5000; THEN ON TRANSITION. EXPECT CLEARANCE TO ENROUTE ALTITUDE/FLIGHT LEVEL AT KEOLA.

**TRANSITION ROUTES (GRAPHIC DEPICTION ONLY):**

<u>TRANSITION NAME</u>	<u>TRANSITION COMPUTER CODE</u>	<u>FROM FIX/NAVAID</u>	<u>TO FIX/NAVAID</u>	<u>COURSE</u>	<u>DISTANCE</u>	<u>MEA</u>	<u>MOCA</u>	<u>CROSSING ALTITUDE/FIXES</u>
LIHUE	KEOLA3.LIH	KEOLA	GRAIL	290.97 (SOK R-111)	24.31	9000		
		GRAIL	NAPUA	290.89 (SOK R-111)	25.33	6000		
		NAPUA	LIH VORTAC	328.03 (LIH R-148)	14.66	4000		
LILIA	KEOLA3.LILIA	KEOLA	LILIA	282.31	187.09	8000		
NONNI	KEOLA3.NONNI	KEOLA	LEANE	258.00 (HNL R-258)	68.61	16000		
		LEANE	NONNI	258.00 (HNL R-258)	74.87	FL290		
PUPPI	KEOLA3.PUPPI	KEOLA	PUPPI	271.39	182.15	14000		
SOUTH KAUAI	KEOLA3.SOK	KEOLA	GRAIL	290.97 (SOK R-111)	24.31	9000		
		GRAIL	NAPUA	290.89 (SOK R-111)	25.33	6000		
		NAPUA	SOK VORTAC	290.72 (SOK-111)	18.68	5000		
KATHS	KEOLA3.KATHS	KEOLA	LEANE	258.00 (HNL R-258)	68.61	16000		
		LEANE	NONNI	258.00 (HNL R-258)	74.87	FL290		
		NONNI	KATHS	234.00 (SOK R-234)	20.93	FL290		

**PROCEDURAL DATA NOTES:**

**NOTE:** HONOLULU DEPARTURES FROM RUNWAYS 4L/R AND 8L/R MUST COMPLETE RIGHT TURN TO ASSIGNED HEADING WITHIN 2 NM OF DEPARTURE END OF RUNWAY. CROSS CKH R-240 AT OR ABOVE 2500.

**NOTE:** HONOLULU DEPARTURES RUNWAYS 26L/R LEFT TURN TO ASSIGNED HEADING MUST BE COMPLETED WITHIN 2 NM OF DEPARTURE END OF RUNWAY (HNL 3 DME).

**TAKEOFF MINIMUMS:**

**RWY 26L/R:** STANDARD.

**RWY 4L/R:** STANDARD WITH MINIMUM CLIMB OF 425 FT PER NM TO 1900.



RWY 8L: STANDARD WITH MINIMUM CLIMB OF 305 FT PER NM TO 1300.  
RWY 8R: STANDARD WITH MINIMUM CLIMB OF 296 FT PER NM TO 500.

TAKEOFF OBSTACLES NOTES:  
SEE FORM 8260-15A, TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP).

CONTROLLING OBSTACLES:  
RWY 4L/R: 1439 FT MSL AAO, 211937.75N/1574937.92W (CLIMB GRADIENT), 4140 FT MSL TOWER, 213024.00N/1580830.00W (CLIMB-TO ALTITUDE).  
RWY 8L: 446 FT MSL TOWER 211915.30N/1575223.06W (CLIMB GRADIENT), 1063 FT MSL AAO 211854.00N/1574918.00W (CLIMB-TO ALTITUDE).  
RWY 8R: 328 FT MSL CRANE 211849.85N/1575307.15W

LOST COMMUNICATIONS PROCEDURES:

ADDITIONAL FLIGHT DATA:

AIRPORTS SERVED:

AIRPORT NAME	AIRPORT ID	CITY	STATE
DANIEL K. INOUE INTL	PHNL	HONOLULU	HI

COMMUNICATIONS:  
HNL ATIS, HNL CLNC DEL, HNL GND CON, HNL ATCT, HCF APP CON

FIXES AND/OR NAVAIDS:  
CKH VORTAC

REMARKS:

FLIGHT INSPECTED BY

BROC L STARRETT

Digitally signed by  
DAVID TEFFETELLER  
Nov 23, 2020

OFFICE  
FICO  
DATE  
11/20/2020

DEVELOPED BY

JAMES LAFFERTY

Digitally signed by  
JAMES LAFFERTY  
Jun 22, 2020

OFFICE  
AJV-A433  
DATE  
05/05/2020

APPROVED BY

GEORGE DAVIS

Digitally signed by  
DAVID TEFFETELLER  
Nov 23, 2020

OFFICE  
AJV-A430  
DATE  
TITLE  
MANAGER

REQUIRED EFFECTIVE DATE  
ROUTINE

COORDINATED WITH:

A4A ☒ ALPA ☒ AOPA ☒ APA ☒ HAI ☐ NBAA ☒ OTHER: AMGR, HNL ATCT, USAF, HCF APP CON

CHANGES - REASONS:  
1. DELETED (HNL 3.6 DME) FROM PROCEDURAL NOTE "DEPARTURES FROM RWYS 4L/R AND 8L/R MUST COMPLETE RIGHT TURN TO ASSIGNED HEADING WITHIN 2 NM OF DEPARTURE END OF RUNWAY (HNL 3.6 DME). CROSS CKH R-240 AT OR ABOVE 2500" - REQUESTED BY ATC.  
2. ADDED TAKEOFF MINIMUMS TO RWY 8L OF "STANDARD WITH MINIMUM CLIMB OF 305 FT PER NM TO 1300" - CLIMB GRADIENT CHANGED TO MATCH SIDS USING RWY 8L.



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3. ADDED TAKEOFF MINIMUMS TO RWY 8R OF "STANDARD WITH MINIMUM CLIMB OF 296 FT PER NM TO 500" - CLIMB GRADIENT CHANGE DUE TO CRANE OBSTACLE.
4. ADDED TAKEOFF MINIMUMS TO RWY 4L/R: STANDARD WITH MINIMUM CLIMB OF 425 FT PER NM TO 1900 - RWY TAKEOFF MINIMUMS MISSING FROM PREVIOUS AMENDMENT.
5. ADDED TAKEOFF OBSTACLE NOTES: SEE FORM 8260-15A, TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP) - 8260.46G, SECTION 2 (7).
6. ADDED CONTROLLING OBSTACLES - MISSING FROM PREVIOUS AMENDMENT.
7. NONNI AND KATHS TRANSITIONS, CHANGED 100 DME FIX TO LEANE - 100 DME FIX IS NAMED LEANE ON THE V12 AIRWAY.

