

**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SUPERSEDED NUMBER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>
PPKEO	ONE	PPKEO1.PPKEO	NONE		25FEB2021
<u>TYPE:</u>	<u>OBSTACLE</u>	<u>COPTER</u>	<u>SID</u>	<u>SPECIAL</u>	<u>RNAV</u>
	☐	☐	☒	☐	☒

DP ROUTE DESCRIPTION:

TAKEOFF RWY 3: CLIMB ON HEADING 029.79 TO 538, THEN LEFT TURN DIRECT PPKEO, THENCE...

TAKEOFF RWY 8: CLIMB ON HEADING 079.00 TO 538, THEN LEFT TURN DIRECT PPKEO, THENCE...

TAKEOFF RWY 21: CLIMB ON HEADING 209.79 TO INTERCEPT COURSE 123.54 TO CROSS SLP AH AT OR ABOVE 2000, THEN ON TRACK 040.16 TO CROSS ONOME AT OR ABOVE 3000, AT OR BELOW 230 KIAS, THEN ON TRACK 320.15 TO PPKEO, THENCE...

TAKEOFF RWY 26: CLIMB ON HEADING 259.01 TO 538, THEN RIGHT TURN DIRECT PPKEO, THENCE...

...ON (TRANSITION) MAINTAIN 10000 OR LOWER FILED ALTITUDE, EXPECT FILED ALTITUDE 5 MINUTES AFTER DEPARTURE.

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>
BARBY	PPKEO1.BARBY	PPKEO	SEGBE	300.71	8.05	2600		
		SEGBE	MALOA	300.19	6.99	3100	2100	MALOA AT/ABOVE 3800
		MALOA	BARBY	308.63	63.06	3100		
LAVAS	PPKEO1.LAVAS	PPKEO	SEGBE	300.71	8.05	2600		
		SEGBE	MALOA	300.19	6.99	3100	2100	MALOA AT/ABOVE 3800
		MALOA	MAKEA	292.76	8.12	4400	3000	
		MAKEA	LAVAS	279.02	62.75	5600	4500	
PLACK	PPKEO1.PLACK	PPKEO	SEGBE	300.71	8.05	2600		
		SEGBE	MALOA	300.19	6.99	3100	2100	MALOA AT/ABOVE 3800
		MALOA	MAKEA	292.76	8.12	4400	3000	
		MAKEA	PLACK	287.72	17.27	4400	2900	

QUALITY
20
CHECKED

DP NAME		NUMBER	DP COMPUTER CODE	SUPERSEDED NUMBER		DATED	ACTUAL EFFECTIVE DATE	
PPKEO		ONE	PPKEO1.PPKEO	NONE			25FEB2021	
UPOLU POINT	PPKEO1.UPP	PPKEO	SEGBE	300.71	8.05	2600		
		SEGBE	MALOA	300.19	6.99	3100	2100	MALOA AT/ABOVE 3800
		MALOA	UPP VORTAC	273.37	34.39	7000		

PROCEDURAL DATA NOTES:

NOTE: RNAV 1.

NOTE: GPS REQUIRED.

TAKEOFF MINIMUMS:**RWY 3:** STANDARD WITH MINIMUM CLIMB OF 500 FT PER NM TO 538.**RWY 8:** STANDARD WITH MINIMUM CLIMB OF 500 FT PER NM TO 538.**RWY 21:** STANDARD WITH MINIMUM CLIMB OF 500 FT PER NM TO 538, THEN 275 FT PER NM TO 1400.**RWY 26:** STANDARD WITH MINIMUM CLIMB OF 500 FT PER NM TO 538, THEN 380 FT PER NM TO 2100.**TAKEOFF OBSTACLES NOTES:**

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

CONTROLLING OBSTACLES:

RWY 21: 1000 FT AAO 194034.07N/1550710.40W

RWY 26: 1580 FT AAO 194533.89N/1550821.54W

LOST COMMUNICATIONS PROCEDURES:**ADDITIONAL FLIGHT DATA:**

REF MAG VAR: PHTO 11E EPOCH YR: 1985

DME/DME ASSESSMENT: UNSAT (RNP 2.0)

CHART TOP ALTITUDE: 10000

AIRPORTS SERVED:

<u>AIRPORT NAME</u>	<u>AIRPORT ID</u>	<u>CITY</u>	<u>STATE</u>
HILO INT	PHTO	HILO	HI

COMMUNICATIONS:

ATIS, GND CON, ATCT, ITO APP CON, HCF CENTER

FIXES AND/OR NAVAIDS:

CHART: ITO VORTAC

REMARKS:

<u>DP NAME</u>	<u>NUMBER</u>	<u>DP COMPUTER CODE</u>	<u>SUPERSEDED NUMBER</u>	<u>DATED</u>	<u>ACTUAL EFFECTIVE DATE</u>
PPKEO	ONE	PPKEO1.PPKEO	NONE		25FEB2021

<u>FLIGHT INSPECTED BY</u>	<i>Digitally signed by</i>	<u>OFFICE</u>	<u>DATE</u>
BROC L STARRETT	JOHN BORDY Nov 24, 2020	FICO	11/21/2020

<u>DEVELOPED BY</u>	<i>Digitally signed by</i>	<u>OFFICE</u>	<u>DATE</u>
JOHN BORDY (ANTHONY CAPPABIANCO)	JOHN BORDY Nov 24, 2020	AJV-A422	02/04/2020

<u>APPROVED BY</u>	<i>Digitally signed by</i>	<u>OFFICE</u>	<u>DATE</u>	<u>TITLE</u>
MARLON ROBINSON	JOHN BORDY Nov 24, 2020	AJV-A420		MANAGER

REQUIRED EFFECTIVE DATE
ROUTINE

COORDINATED WITH:

A4A ☒ ALPA ☒ AOPA ☒ APA ☒ HAI ☐ NBAA ☒ OTHER: HILO APCH, HILO ATCT, AMGR., HI AERO

CHANGES - REASONS:
ORIGINAL PROCEDURE.



**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
DEPARTURE (DATA RECORD)**

<u>DP NAME</u>		<u>NUMBER</u>		<u>DP COMPUTER CODE</u>		<u>SUPERSEDED NUMBER</u>		<u>DATED</u>	<u>ACTUAL EFFECTIVE DATE</u>
PPKEO		ONE		PPKEO1.PPKEO		NONE			25FEB2021
<u>FIX/NAVAID</u>	<u>LAT/LONG</u>	<u>C</u>	<u>FO/FB</u>	<u>LEG TYPE</u>	<u>TC</u>	<u>DIST (NM)</u>	<u>ALTITUDE</u>	<u>SPEED</u>	<u>REMARKS</u>
RW03 (AER)*	194247.58N/1550342.39W	N	-	-	-	-			*DISPL THLD (349 FT)
538 MSL	-	-	-	VA	040.79	-	AT/ABOVE 538		CG 500 FT PER NM TO 538
PPKEO	195331.96N/1550312.42W	Y	FB	DF	-	-			LEFT TURN
RW08 (AER)	194316.93N/1550327.99W	N	-	-	-	-			
538 MSL	-	-	-	VA	090.00	-	AT/ABOVE 538		CG 500 FT PER NM TO 538
PPKEO	195331.96N/1550312.42W	Y	FB	DF	-	-			LEFT TURN
RW21 (AER)	194326.99N/1550306.49W	N	-	-	-	-			
	194158.93N/1550426.71W	-	-	VI	220.79	1.93			CG 500 FT PER NM TO 538 THEN CG 275 FT PER NM TO 1400
SLPAH	193831.28N/1550043.84W	Y	FB	CF	134.54	4.92	AT/ABOVE 2000		
ONOME	194149.75N/1545623.48W	Y	FB	TF	051.16	5.26	AT/ABOVE 3000	AT/BELOW 230K	
PPKEO	195331.96N/1550312.42W	Y	FB	TF	331.15	13.31			
RW26 (AER)	194316.92N/1550145.41W	N	-	-	-	-			
538 MSL	-	-	-	VA	270.01	-	AT/ABOVE 538		CG 500 FT PER NM TO 538 THEN CG 380 FT PER NM TO 2100
PPKEO	195331.96N/1550312.42W	Y	FB	DF	-	-			RIGHT TURN
PPKEO	195331.96N/1550312.42W	Y	-	IF	-	-			PPKEO1.BARBY
SEGBE	195854.43N/1550935.30W	Y	FB	TF	311.71	8.05			
MALOA	200331.55N/1551510.50W	Y	FB	TF	311.19	6.99	AT/ABOVE 3800		
BARBY	205139.55N/1555847.44W	Y	FB	TF	319.63	63.06			



<u>DP NAME</u>		<u>NUMBER</u>		<u>DP COMPUTER CODE</u>		<u>SUPERSEDED NUMBER</u>		<u>DATED</u>	<u>ACTUAL EFFECTIVE DATE</u>
PPKEO		ONE		PPKEO1.PPKEO		NONE			25FEB2021
<u>FIX/NAVAID</u>	<u>LAT/LONG</u>	<u>C</u>	<u>FO/FB</u>	<u>LEG TYPE</u>	<u>TC</u>	<u>DIST (NM)</u>	<u>ALTITUDE</u>	<u>SPEED</u>	<u>REMARKS</u>
PPKEO	195331.96N/1550312.42W	Y	-	IF	-	-			PPKEO1.LAVAS
SEGBE	195854.43N/1550935.30W	Y	FB	TF	311.71	8.05			
MALOA	200331.55N/1551510.50W	Y	FB	TF	311.19	6.99	AT/ABOVE 3800		
MAKEA	200803.34N/1552221.19W	Y	FB	TF	303.76	8.12			
LAVAS	202926.05N/1562509.35W	Y	FB	TF	290.02	62.75			
PPKEO	195331.96N/1550312.42W	Y	-	IF	-	-			PPKEO1.PLACK
SEGBE	195854.43N/1550935.30W	Y	FB	TF	311.71	8.05			
MALOA	200331.55N/1551510.50W	Y	FB	TF	311.19	6.99	AT/ABOVE 3800		
MAKEA	200803.34N/1552221.19W	Y	FB	TF	303.76	8.12			
PLACK	201622.29N/1553827.80W	Y	FB	TF	298.72	17.27			
PPKEO	195331.96N/1550312.42W	Y	-	IF	-	-			PPKEO1.UPP
SEGBE	195854.43N/1550935.30W	Y	FB	TF	311.71	8.05			
MALOA	200331.55N/1551510.50W	Y	FB	TF	311.19	6.99	AT/ABOVE 3800		
UPP VORTAC	201201.95N/1555035.76W	Y	FB	TF	284.37	34.39			

