

U.S. DEPARTMENT of TRANSPORTATION – FEDERAL AVIATION ADMINISTRATION

GRAPHIC DEPARTURE PROCEDURE (DP)

Bearings, headings, courses, tracks, and radials are magnetic. Elevation 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. Graphic depictions attached.

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
HAPAI	THREE	HAPAI3.HAPAI	TWO	27 OCT 05	29 MAY 2014

TYPE: SID

DP ROUTE DESCRIPTION:

TAKEOFF RWY 5: CLIMBING LEFT TURN HEADING 340.00 AND MKK VORTAC R-030 TO HAPAI/MKK 10.00 DME, THENCE...

....ON ASSIGNED TRANSITION.

TRANSITION ROUTES (GRAPHIC DEPICTION ONLY):

Transition Name	Transition Computer Codes	From FIX/NAVAID	To FIX/NAVAID	Course	Distance	MEA	MOCA	Crossing Altitudes/Fixes
MOLOKAI	HAPAI3.MKK	HAPAI/MKK 10.00 DME	MKK VORTAC	LEFT TURN HEADING 180.00/10.00 (MKK R- 030)		4000	3500	
BAMBO	HAPAI3.BAMBO	HAPAI/MKK 10.00 DME	DAKKL/MKK 10.00 DME	MKK 10.00 DME ARC CCW		4000	3500	
		DAKKL/YMKK 10.00 DME	BAMBO/MKK 25.41 DME	299.99 (MKK R-300)	15.41	8000		BAMBO AT/ABOVE 8000
LOKIE	HAPAI3.LOKIE	HAPAI/MKK 10.00 DME	LOKIE/MKK 10.00 DME	MKK 10.00 DME ARC CCW		4000	3500	



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PROCEDURAL DATA NOTES/TAKEOFF MINIMUMS:

CHART NOTE: DME REQUIRED.

TAKEOFF MINIMUMS:

RWY 17, 23, 35: NA – ATC.

RWY 5: 300-1 WITH MINIMUM CLIMB OF 325 FT PER NM TO 1500 OR STANDARD WITH MINIMUM CLIMB OF 540 FT PER NM TO 800.

TAKEOFF OBSTACLES NOTES:

NOTE: RWY 5, RISING TERRAIN AND VEHICLES ON ROADWAY BEGINNING 14 FT FROM DER, 238 FT RIGHT OF CENTERLINE, UP TO 17 FT AGL/476 FT MSL. VEHICLES ON ROADWAY BEGINNING 28 FT FROM DER, 484 FT LEFT OF CENTERLINE, UP TO 17 FT AGL/509 FT MSL. MULTIPLE FENCES AND BUSHES BEGINNING 49 FT FROM DER, 95 FT LEFT OF CENTERLINE, UP TO 21 FT AGL/480 FT MSL. MULTIPLE FENCES AND BUSHES BEGINNING 437 FT FROM DER, 65 FT RIGHT OF CENTERLINE, UP TO 31 FT AGL/490 FT MSL. MULTIPLE TREES AND BUSHES BEGINNING 735 FT FROM DER, 496 FT LEFT OF CENTERLINE, UP TO 27 FT AGL/551 FT MSL. MULTIPLE BUSHES AND VEHICLES ON ROADWAY BEGINNING 950 FT FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 17 FT AGL/552 FT MSL. ELECTRICAL SYSTEM 1367 FT FROM DER, 78 FT RIGHT OF CENTERLINE, 35 FT AGL/528 FT MSL. MULTIPLE TOWERS, POLES, AND TREES BEGINNING 1887 FT FROM DER, 33 FT RIGHT OF CENTERLINE, UP TO 43 FT AGL/ 602 FT MSL. MULTIPLE TOWERS, POLES AND TREES BEGINNING 2386 FT FROM DER, 644 FT LEFT OF CENTERLINE, UP TO 60 FT AGL/617 FT MSL.

CONTROLLING OBSTACLES:

RWY 5: 617 FT MSL TREE, 210940.04N/1570505.31W; 913 FT MSL TREE, 211038.17N-1570339.18W; 623 FT MSL POLE, 210934.68N-1570427.17W; 1217 FT MSL AAO, 211105.24N-1570222.43W; 1282 FT MSL AAO, 211105.95N-1570216.88W.

OBSTACLE MANDATING ODP ROUTE DEVELOPMENT: RWY 5 – 5161 FT MSL AAO 210625.90N/1565159.80W.

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

MOLOKAI, KAUNAKAKAI, HI.

COMMUNICATIONS:

ATIS, CLNC DEL, PHMK GROUND CONTROL, PHMK ATCT, HONOLULU CENTER.

FIXES AND/OR NAVAIDS:

LNY VORTAC

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CHANGES:

1. ADDED BAMBO TRANSITION.
2. CHANGED TAKEOFF MINIMUMS FROM "STANDARD WITH MINIMUM OBSTACLE CLIMB OF 395' PER NM TO 1600" TO READ "300-1 WITH MINIMUM CLIMB OF 325 FT PER NM TO 1500 OR STANDARD WITH MINIMUM CLIMB OF 540 FT PER NM TO 800".
3. CHANGED INITIAL DEPARTURE HEADING FROM 360 TO 340.
4. REMOVED "MAINTAIN 4000" FROM TAKEOFF DESCRIPTION.
5. CHANGED MOLOKAI TRANSITION INITIAL HEADING FROM 210 TO 180.
6. UPDATED TAKEOFF OBSTACLE NOTES.

REASONS:

1. ATC REQUEST ADDITIONAL TRANSITION TO ASSIST IN TRAFFIC FLOW DURING CONGESTED PERIODS.
2. NEW CONTROLLING OBSTACLES.
3. TO ENSURE AIRCRAFT INTERCEPT MMK R-030 PRIOR TO HAPAI DME FIX.
4. NO LONGER REQUIRED BY ATC.
5. TO ENSURE AIRCRAFT INTERCEPT MKK R-030 PRIOR TO MKK VORTAC.
6. IAW 8260.54A.

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
HAPAI	THREE	HAPAI3.HAPAI	TWO	27 OCT 2005	29 MAY 2014

ARINC PACKET - 424-18 - SID

[illegible][illegible][illegible][illegible][illegible][illegible]

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
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ARINC SUMMARY - 424-18 - SID

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
	RW05		010		CA		FB		049.4()		AA 00854	
	RW05		020		VI		FB		340.0()			
	RW05	HAPAI	030		CF		FB		030.0()	003.0		
	BAMBO	HAPAI	010		IF		FB					
	BAMBO	DAKKL	020		AF	L	FB		030.0()			
	BAMBO	BAMBO	030		TF	R	FB				AA 08000	
	LOKIE	HAPAI	010		IF		FB					
	LOKIE	DAKKL	020		AF	L	FB		030.0()			
	LOKIE	LOKIE	030		AF	L	FB		300.0()			
	MKK	HAPAI	010		IF		FB					
	MKK	MKK	020		TF	L	FB					

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	MKK	N210817.20	W1571002.70	N2108.287	W15710.045
	BAMBO	N212459.57	W1573036.04	N2124.993	W15730.601
	LOKIE	N210726.26	W1572042.18	N2107.438	W15720.703
	DAKKL	N211451.99	W1571807.54	N2114.867	W15718.126
	HAPAI	N211551.52	W1570301.25	N2115.859	W15703.021
	RW05	N210858.68	W1570603.87	N2108.978	W15706.065

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW05	00437	49