

**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SUPERSEDED NUMBER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>
HUSIL	THREE	HUSIL3.HUSIL	TWO	12/02/2021	19 May 2022

<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 checked="" type="checkbox"/>

This is a corrected copy of the procedure published in NFDD 064.
** See page 3 for details. **

DP ROUTE DESCRIPTION:

MIAMI-OPA LOCKA EXEC:

TAKEOFF RWY 9L: CLIMB ON HEADING 092.94 OR AS ASSIGNED BY ATC FOR RADAR VECTORS TO CROSS JAMEX AT OR ABOVE 5000, THENCE...

TAKEOFF RWY 9R: CLIMB ON HEADING 092.96 OR AS ASSIGNED BY ATC FOR RADAR VECTORS TO CROSS JAMEX AT OR ABOVE 5000, THENCE...

TAKEOFF RWY 12: CLIMB ON HEADING 127.84 OR AS ASSIGNED BY ATC FOR RADAR VECTORS TO CROSS JAMEX AT OR ABOVE 5000, THENCE...

TAKEOFF RWY 27L: CLIMB ON HEADING 272.97 OR AS ASSIGNED BY ATC FOR RADAR VECTORS TO CROSS JAMEX AT OR ABOVE 5000, THENCE...

TAKEOFF RWY 27R: CLIMB ON HEADING 272.95 OR AS ASSIGNED BY ATC FOR RADAR VECTORS TO CROSS JAMEX AT OR ABOVE 5000, THENCE...

TAKEOFF RWY 30: CLIMB ON HEADING 307.84 OR AS ASSIGNED BY ATC FOR RADAR VECTORS TO CROSS JAMEX AT OR ABOVE 5000, THENCE...

...ON TRACK 125.79 TO HUSIL. THEN ON ASSIGNED TRANSITION. MAINTAIN ATC ASSIGNED ALTITUDE, EXPECT CLEARANCE TO FILED ALTITUDE WITHIN 10 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>
CAMIX	HUSIL3.CAMIX	HUSIL	ELQUE	TRACK 118.81	61.75	17000	1300	
		ELQUE	CAMIX	TRACK 119.03	17.99	FL180	1300	
RAJAY	HUSIL3.RAJAY	HUSIL	ELQUE	TRACK 118.81	61.75	17000	1300	
		ELQUE	RAJAY	TRACK 088.86	14.81	17000	1300	

PROCEDURAL DATA NOTES:

NOTE: IF UNABLE TO ACCEPT CLIMB RATE, ADVISE ATC ON INITIAL CONTACT.

NOTE: JET AIRCRAFT ACCELERATE TO 250 KIAS, IF UNABLE, ADVISE ATC.

NOTE: CAMIX TRANSITION, ELQUE TO CAMIX SEGMENT-GPS.

NOTE: RAJAY TRANSITION, ELQUE TO RAJAY SEGMENT-GPS.

NOTE: RAJAY TRANSITION FOR AIRCRAFT FILED AT OR BELOW FL230 ONLY.

PBN REQUIREMENTS NOTES:

RNAV 1 - DME/DME/IRU OR GPS.

EQUIPMENT REQUIREMENT NOTES:

RADAR REQUIRED FOR NON-GPS EQUIPPED AIRCRAFT.

TAKEOFF MINIMUMS:

MIAMI-OPA LOCKA EXEC:

RWY 9L: STANDARD WITH MINIMUM CLIMB OF 500 FT PER NM TO 1000.

RWY 9R: STANDARD WITH MINIMUM CLIMB OF 500 FT PER NM TO 700.

RWY 12, 27R: STANDARD WITH MINIMUM CLIMB OF 500 FT PER NM TO 600.

RWY 27L, 30: STANDARD.



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HUSIL	THREE	HUSIL3.HUSIL	TWO	12/02/2021	19 May 2022

TAKEOFF OBSTACLES NOTES:

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

CONTROLLING OBSTACLES:

MIAMI-OPA LOCKA EXEC:

RWY 9L, 9R, 12, 27R: 1050 FT MSL ANTENNA 255730.91N/0801243.24W.

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

REFERENCE MAG/VAR: KOPF 6W EPOCH YR: 2010.

DME/DME ASSESSMENT: SAT (RNP 2.0).

CHART TOP ALTITUDE: ASSIGNED BY ATC.

CHART: MINIMUM CROSSING ALTITUDE AT JAMEX - AT OR ABOVE 5000.

AIRPORTS SERVED:

<u>AIRPORT ID</u>	<u>CITY</u>	<u>STATE</u>
KOPF	MIAMI	FL

COMMUNICATIONS:

CHART: ATIS, TOWER, GROUND, CLNC DEL, DEP CON, MIA DEP CON.

FIXES AND/OR NAVAIDS:**REMARKS:**

THE ENVIRONMENTAL REVIEW UNDER ORDER 1050.1 (LATEST EDITION) AND THE NOISE SCREENING HAVE BEEN ACCOMPLISHED.

FLIGHT INSPECTED BY

EDWARD W. MESA

*Digitally signed by***ALLAN WILL**

Apr 01, 2022

OFFICE

FPO

DATE

02/24/2022

DEVELOPED BY

SHANE FOWLER

*Digitally signed by***SHANE FOWLER**

Mar 31, 2022

OFFICE

AJV-A423

DATE

12/23/2021

APPROVED BY

MARLON ROBINSON

*Digitally signed by***ALLAN WILL**

Apr 01, 2022

OFFICE

AJV-A420

DATE**TITLE**

MANAGER

REQUIRED EFFECTIVE DATE

ROUTINE

COORDINATED WITH:**A4A** ☒**ALPA** ☒**AOPA** ☒**APA** ☒**HAI** ☐**NBAA** ☒**OTHER:** ZMA, MIA ATCT, OPF ATCT, AMGR, MIA DEP CON.

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HUSIL	THREE	HUSIL3.HUSIL	TWO	12/02/2021	19 May 2022

CHANGES - REASONS:

1. DELETED KMIA AND ALL ASSOCIATED REFERENCES - ATC REQUEST.
2. DP ROUTE DESCRIPTION: ADDED "BY ATC" AFTER "OR AS ASSIGNED" TO EACH RWY DESCRIPTION - IAW 8260.46H.
3. TRANSITIONS: CAMIX - HUSIL TO ELQUE COURSE/DISTANCE CHANGED FROM 118.76/48.87 TO 118.81/61.75 AND ELQUE TO CAMIX CHANGED FROM 119.12/30.87 TO 119.03/17.99; RAJAY - HUSIL TO ELQUE COURSE/DISTANCE CHANGED FROM 118.76/48.87 TO 118.81/61.75 AND ELQUE TO RAJAY CHANGED FROM 102.98/26.72 TO 088.86/14.81 - ELQUE FIX LOCATION MOVED.
4. ADDED THE FOLLOWING NOTES: "CAMIX TRANSITION, ELQUE TO CAMIX SEGMENT-GPS"; "RAJAY TRANSITION, ELQUE TO RAJAY SEGMENT-GPS"; AND "RAJAY TRANSITION FOR AIRCRAFT FILED AT OR BELOW FL230 ONLY" - ATC REQUEST.
5. ADDITIONAL FLIGHT DATA: CHANGED DME ASSESSMENT FROM UNSAT TO SAT (RNP 2.0) - DME COVERAGE AVAILABLE.
6. PROCEDURAL DATA NOTES: CHANGED "RNAV 1" TO "RNAV 1 - DME/DME/IRU OR GPS" AND DELETED NOTE "GPS REQUIRED" - DME COVERAGE AVAILABLE AND MOVED UPDATED RNAV NOTE TO PBN REQUIREMENTS NOTES SECTION IAW 8260.46H PARA 2-1-1F(6).
7. PROCEDURAL DATA NOTES: CHANGED "RADAR REQUIRED" TO "RADAR REQUIRED FOR NON-GPS EQUIPPED AIRCRAFT" - UPDATED NOTE AND MOVED TO EQUIPMENT REQUIREMENTS NOTES SECTION IAW 8260.46H PARA 2-1-1F(5).

03/22/22: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 02/26/22.
COMMUNICATIONS BLOCK: ADDED "CHART" TO THE START OF THE TEXT.

03/31/22: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 02/26/22.
COMMUNICATIONS BLOCK: DELETED "CPDLC".



**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>	
HUSIL		THREE	HUSIL3.HUSIL	TWO	12/02/2021	19 May 2022	
<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>REMARKS</u>
TRANSITIONS							
JAMEX	254611.72N/0794113.25W	Y	-	IF	-	-	AT/ABOVE 5000
HUSIL	254027.26N/0793010.07W	Y	FB	TF	119.79	11.51	
HUSIL	254027.26N/0793010.07W	Y	-	IF	-	-	HUSIL3.CAMIX
ELQUE	251612.87N/0782722.59W	Y	FB	TF	112.81	61.75	
CAMIX	250908.18N/0780907.64W	Y	FB	TF	113.03	17.99	
HUSIL	254027.26N/0793010.07W	Y	-	IF			HUSIL3.RAJAY
ELQUE	251612.87N/0782722.59W	Y	FB	TF	112.81	61.75	
RAJAY	251802.78N/0781109.51W	Y	FB	TF	082.86	14.81	

