

**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SUPERSEDED NUMBER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	ONE	HUSIL1.HUSIL	NONE		<i>12 AUG 2021</i>

<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"/>

**DP ROUTE DESCRIPTION:**

MIAMI-OPA LOCKA EXEC:

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

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

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

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

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

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

MIAMI INTL:

TAKEOFF RWY 8L: CLIMB ON HEADING 093.38 OR AS ASSIGNED FOR RADAR VECTORS TO CROSS JAMEX AT OR ABOVE 5000, THENCE...

TAKEOFF RWY 8R: CLIMB ON HEADING 093.38 OR AS ASSIGNED FOR RADAR VECTORS TO CROSS JAMEX AT OR ABOVE 5000, THENCE...

TAKEOFF RWY 9: CLIMB ON HEADING 093.38 OR AS ASSIGNED FOR RADAR VECTORS TO CROSS JAMEX AT OR ABOVE 5000, THENCE...

TAKEOFF RWY 12: CLIMB ON HEADING 125.46 OR AS ASSIGNED 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	HUSIL1.CAMIX	HUSIL	ELQUE	TRACK 118.76	48.87	17000	1300	
		ELQUE	CAMIX	TRACK 119.12	30.87	FL180	1300	
RAJAY	HUSIL1.RAJAY	HUSIL	ELQUE	TRACK 118.76	48.87	17000	1300	
		ELQUE	RAJAY	TRACK 102.98	26.72	17000	1300	

**PROCEDURAL DATA NOTES:**

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

NOTE: RNAV 1.

NOTE: RADAR REQUIRED.

NOTE: KMIA, FOR TURBOPROP AND PROP AIRCRAFT ONLY.

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

NOTE: DME/DME/IRU OR GPS REQUIRED.

NOTE: CAMIX TRANSITION, ELQUE TO CAMIX SEGMENT GNSS ONLY.

NOTE: RAJAY TRANSITION, ELQUE TO RAJAY SEGMENT GNSS ONLY.

**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.



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HUSIL	ONE	HUSIL1.HUSIL	NONE		<b>12 AUG 2021</b>

RWY 27L, 30: STANDARD.

MIAMI INTL:

RWY 8L: STANDARD WITH MINIMUM CLIMB OF 500 FT PER NM TO 700.

RWY 8R, 9, 12: STANDARD WITH MINIMUM CLIMB OF 500 FT PER NM TO 800.

**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.

MIAMI INTL:

RWY 8L, 8R: 1049 FT MSL BLDG 254649.65N/0801106.99W

RWY 9, 12: 1049 FT MSL BLDG 254542.37N/0801135.45W

**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 NAME</u>	<u>AIRPORT ID</u>	<u>CITY</u>	<u>STATE</u>
MIAMI-OPA LOCKA EXEC	KOPF	MIAMI	FL
MIAMI INTL	KMIA	MIAMI	FL

**COMMUNICATIONS:**

ATIS, TOWER, GROUND, CLNC DEL, DEP CON, CPDLC, 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**

MATTHEW R BUFORD

*Digitally signed by*  
**LONNIE EVERHART**  
 Jun 01, 2021

**OFFICE****DATE**

FICO

05/26/2021

**DEVELOPED BY**

JON DENTON (CASEY HILL)

*Digitally signed by*  
**LONNIE EVERHART**  
 Jun 01, 2021

**OFFICE****DATE**

AJV-A432

03/23/2021

**APPROVED BY**

LONNIE EVERHART

*Digitally signed by*  
**LONNIE EVERHART**  
 Jun 01, 2021

**OFFICE****DATE**

AJV-A430

**TITLE**

MANAGER

QUALITY  
5  
CHECKED

<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	ONE	HUSIL1.HUSIL	NONE		<i>12 AUG 2021</i>

**REQUIRED EFFECTIVE DATE**

ROUTINE

**COORDINATED WITH:**

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

**CHANGES - REASONS:**

THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 3/25/2021:

RAISED MEA FROM HUSIL TO ELQUE TO 17000; ELQUE TO CAMIX TO FL180; HUSIL TO ELQUE TO 17000; ELQUE TO RAJAY TO 17000 - CORRESPONDS TO DME/DME MINIMUM ALTITUDE REQUIREMENTS

QUALITY  
5  
CHECKED

**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		ONE		HUSIL1.HUSIL		NONE			<i>12 AUG 2021</i>
<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>
TRANSITIONS									
JAMEX	254611.72N/0794113.25W	Y	-	IF	-	-	AT/ABOVE 5000		
HUSIL	254027.26N/0793010.07W	Y	FB	TF	119.79	11.51			
TRANSITIONS									
HUSIL	254027.26N/0793010.07W	Y	-	IF	-	-			HUSIL1.CAMIX
ELQUE	252120.97N/0784025.15W	Y	FB	TF	112.76	48.87			
CAMIX	250908.18N/0780907.64W	Y	FB	TF	113.12	30.87			
TRANSITIONS									
HUSIL	254027.26N/0793010.07W	Y	-	IF	-	-			HUSIL1.RAJAY
ELQUE	252120.97N/0784025.15W	Y	FB	TF	112.76	48.87			
RAJAY	251802.78N/0781109.51W	Y	FB	TF	096.98	26.72			

QUALITY  
5  
CHECKED