

**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SUPERSEDED NUMBER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>
REGAE	TWO	REGAE2.REGAE	ONE	08/12/2021	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 061.  
\*\* See page 3 for details. \*\*

**DP ROUTE DESCRIPTION:****FORT LAUDERDALE/HOLLYWOOD INTL:**

TAKEOFF RWY 10L: CLIMB ON HEADING 096.36 TO 580, THEN CLIMB DIRECT MRLEE, THEN ON TRACK 096.62 TO REELZ, THEN ON TRACK 109.35 TO CROSS ZOMBI AT OR ABOVE 10000, THEN ON TRACK 110.86 TO PASTL, THENCE.....

TAKEOFF RWY 10R: CLIMB ON HEADING 096.37 TO 580, THEN CLIMB DIRECT CLPSO, ON TRACK 096.57 TO CUDEL, THEN ON TRACK 105.73 TO CROSS ZOMBI AT OR ABOVE 10000, THEN ON TRACK 110.86 TO PASTL. THENCE...

TAKEOFF RWY 28L: CLIMB ON HEADING 276.38 TO INTERCEPT COURSE 299.65 TO DREDS, THEN ON TRACK 321.56 TO SHELZ, THEN ON TRACK 014.48 TO JMACA, THEN ON TRACK 066.15 TO BEEDZ, THEN ON TRACK 093.67 TO LNKIN, THEN ON TRACK 137.51 TO CROSS GTWAY AT 10000, THEN ON TRACK 137.63 TO PASTL, THENCE...

TAKEOFF RWY 28R: CLIMB ON HEADING 276.37 TO INTERCEPT COURSE 286.56 TO DREDS, THEN ON TRACK 321.56 TO SHELZ, THEN ON TRACK 014.48 TO JMACA, THEN ON TRACK 066.15 TO BEEDZ, THEN ON TRACK 093.67 TO LNKIN, THEN ON TRACK 137.51 TO CROSS GTWAY AT 10000, THEN ON TRACK 137.63 TO PASTL, THENCE...

...ON TRACK 175.02 TO REGAE, THEN ON URSUS TRANSITION. MAINTAIN ATC ASSIGNED ALTITUDE. EXPECT CLEARANCE TO FILED ALTITUDE TEN 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>
URSUS	REGAE2.URSUS	REGAE	NINNO	TRACK 219.29	11.29	15000	1300	AT OR ABOVE 17000
		NINNO	CRUZN	TRACK 224.49	24.71	15000	1300	
		CRUZN	GLAMS	TRACK 169.77	28.99	FL180	1300	
		GLAMS	LRODD	TRACK 153.23	41.53	FL180	1300	
		LRODD	URSUS	TRACK 152.61	21.88	FL180	1300	

**PROCEDURAL DATA NOTES:**

NOTE: FOR JET AIRCRAFT ONLY.

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

NOTE: FOR NON-GPS EQUIPPED AIRCRAFT, DHP AND VKZ DMES MUST BE OPERATIONAL.

**PBN REQUIREMENTS NOTES:**

RNAV 1 - DME/DME/IRU OR GPS.

**EQUIPMENT REQUIREMENT NOTES:**

RADAR REQUIRED.



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REGAE	TWO	REGAE2.REGAE	ONE	08/12/2021	19 May 2022

**TAKEOFF MINIMUMS:**

RWY 10L, 10R, 28L, 28R: STANDARD WITH MINIMUM CLIMB OF 500 FT PER NM TO 580.

**TAKEOFF OBSTACLES NOTES:**

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

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

DME/DME ASSESSMENT: SAT (RNP 2.0)

CHART: TOP ALTITUDE: ASSIGNED BY ATC.

CHART MAXIMUM CROSSING ALTITUDE AT ZOMBI - AT OR ABOVE 10000.

CHART MAXIMUM CROSSING ALTITUDE AT GTWAY - AT 10000.

CHART MINIMUM CROSSING ALTITUDE AT NINNO - AT OR ABOVE 17000.

**AIRPORTS SERVED:**

<u>AIRPORT ID</u>	<u>CITY</u>	<u>STATE</u>
KFLL	FORT LAUDERDALE	FL

**COMMUNICATIONS:**

CHART: ATIS, CLNC DEL, GND CON, KFLL ATCT

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

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

KFLL: CHART NOTE: SEE ADDITIONAL REQUIREMENTS ON AAUP.

WAIVER TO REQUIREMENT TO UTILIZE THE TERMINAL AREA ROUTE AREA ROUTE GENERATION AND TRAFFIC SIMULATION (TARGETS) TOOL TO EVALUATE RWY 28L FOR OBSTACLES -8260.58B PARA 1-2-5.

**FLIGHT INSPECTED BY***Digitally signed by***ALLAN WILL**

Apr 04, 2022

**OFFICE****DATE**

EDWARD W MESA

FPO

02/24/2022

**DEVELOPED BY***Digitally signed by***DEAN GRACEY**

Mar 31, 2022

**OFFICE****DATE**

DEAN GRACEY

AJV-A423

01/10/2022

**APPROVED BY**

MARLON ROBINSON

**OFFICE****DATE****TITLE**

AJV-A420

MANAGER

**REQUIRED EFFECTIVE DATE**

ROUTINE

*Digitally signed by***ALLAN WILL**

Apr 04, 2022



DP NAME	NUMBER	DP COMPUTER CODE	SUPERSEDED NUMBER	DATED	ACTUAL EFFECTIVE DATE
REGAE	TWO	REGAE2.REGAE	ONE	08/12/2021	19 May 2022

**COORDINATED WITH:**

**A4A** ☒ **ALPA** ☒ **AOPA** ☒ **APA** ☒ **HAI** ☐ **NBAA** ☒ **OTHER:** ZMA, AMGR

**CHANGES - REASONS:**

1. DP ROUTE DESCRIPTION: ADDED KOPF AND ALL ASSOCIATED DATA TO PROCEDURE - PER ATC REQUEST.
2. KFLL RWY 10L AFTER REELZ CHANGED FROM "THEN ON TRACK TO CROSS PASTL AT OR BELOW 16000, THENCE" TO "THEN ON TRACK 109.35 TO CROSS ZOMBI AT OR BELOW 4000, THEN ON TRACK 110.86 TO PASTL, THENCE" AND KFLL RWY 10R AFTER CUDEL CHANGED FROM "THEN ON TRACK 108.14 TO CROSS PASTL AT OR BELOW 16000, THENCE" TO "THEN ON TRACK 105.73 TO CROSS ZOMBI AT OR BELOW 4000, THEN ON TRACK 110.86 TO PASTL, THENCE" - PER ATC REQUEST.
3. KFLL RWY 28L AFTER LNKIN CHANGED FROM "THEN ON TRACK 137.51 TO CROSS GTWAY AT OR BELOW 10000, THEN ON TRACK 137.63 TO CROSS PASTL AT OR BELOW 16000, THENCE" TO "THEN ON TRACK 137.51 TO CROSS GTWAY AT 10000, THEN ON TRACK 137.63 TO PASTL, THENCE AND KFLL RWY 28R AFTER LNKIN CHANGED FROM "THEN ON TRACK 137.51 TO CROSS GTWAY AT OR BELOW 10000, THEN ON TRACK 137.63 TO CROSS PASTL AT OR BELOW 16000, THENCE" TO "THEN ON TRACK 137.51 TO CROSS GTWAY AT 10000, THEN ON TRACK 137.63 TO PASTL, THENCE - PER ATC REQUEST.
4. DP ROUTE DESCRIPTION: CHANGED "ON TRACK 175.02 TO REGAE. MAINTAIN ATC ASSIGNED ALTITUDE. EXPECT CLEARANCE TO FILED ALTITUDE 10 MINUTES AFTER DEPARTURE" TO "ON TRACK 175.02 TO REGAE THEN ON (TRANSITION). MAINTAIN ATC ASSIGNED ALTITUDE. EXPECT CLEARANCE TO FILED ALTITUDE 10 MINUTES AFTER DEPARTURE" - PER ATC REQUEST.
5. URSUS TRANSITION: ADDED "TRACK" TO ALL COURSES - IAW 8260.48H APPENDIX E. SECTION 1.4.E.
6. URSUS TRANSITION: REGAE TO NINNO MEA CHANGE FROM 11000 TO 15000, NINNO TO CRUZN COURSE CHANGED FROM 224.41 TO 224.49, GLAMS TO LRODD COURSE CHANGED FROM 153.29 TO 153.23 AND DISTANCE FROM 38.53 TO 41.53, LRODD TO URSUS COURSE CHANGED FROM 152.60 TO 152.61 AND DISTANCE FROM 24.88 TO 21.88 - PER ATC REQUEST.
7. UPDATED PROCEDURAL DATA NOTES - IAW 8260.48H SECTION 2.
8. ADDED PBN REQUIREMENTS NOTES - IAW 8260.48H SECTION 2.
9. ADDED EQUIPMENT REQUIREMENTS NOTES - IAW 8260.48H SECTION 2.
10. TAKEOFF MINIMUMS: ADDED KOPF REQUIREMENTS - PER ATC REQUEST.
11. CONTROLLING OBSTACLES: ADDED KOPF RWY 9L, 9R, 12, 27R: 1050 FT MSL ANTENNA 255730.91N/0801243.24W.
12. ADDITIONAL FLIGHT DATA: CHANGED "CHART: TOP ALTITUDE: ASSIGNED BY ATC" TO "ALL AIRPORTS - CHART: TOP ALTITUDE: ASSIGNED BY ATC" - PER ATC REQUEST AND IAW 8260.48H SECTION 2. 12.
13. ADDITIONAL FLIGHT DATA: REMOVED "CHART: MAXIMUM CROSSING ALTITUDE AT PASTL - AT OR BELOW 16000", AND ADDED "CHART MAXIMUM CROSSING ALTITUDE AT ZOMBI - AT OR BELOW 4000" AND CHANGED CHART: MAXIMUM CROSSING ALTITUDE AT GTWAY FROM "AT OR BELOW 10000" TO "AT 10000" - PER ATC REQUEST.
14. ADDITIONAL FLIGHT DATA: REMOVED REFERENCE MAG/VAR: KFLL 06W EPOCH YEAR 2015 - IAW 8260.48H.
15. REMARKS: ADDED "WAIVER TO REQUIREMENT FOR CHARTING IF ALTITUDE - 8260.48H APPENDIX E, SECTION 1, PARA 12.C" AND "WAIVER TO REQUIREMENT FOR SHORT SEGMENT LENGTH - 8260.58B, PARA 1-2-5. B. (A)" - IAW 8260.48H SECTION 2.

**03/31/22: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 03/10/22.**

1. COMMUNICATIONS: ADDED ":" AFTER CHART AND REMOVED KOPF ATCT - PER ATC/FPT AND IAW 8260.19I.
2. DP ROUTE DESCRIPTION: RWY 10L/R CHANGED ALTITUDE TO CROSS ZOMBI FROM "AT OR BELOW 4000 TO AT OR ABOVE 10000", AND ALL RWYS CHANGED FROM "ON TRACK 175.02 TO REGAE, THEN ON (TRANSITION). MAINTAIN ATC ASSIGNED ALTITUDE. EXPECT CLEARANCE TO FILED ALTITUDE TEN MINUTES AFTER DEPARTURE" TO "ON TRACK 175.02 TO REGAE, THEN ON URSUS TRANSITION. MAINTAIN ATC ASSIGNED ALTITUDE. EXPECT CLEARANCE TO FILED ALTITUDE TEN MINUTES AFTER DEPARTURE" AND REMOVED MIAMI-OPA-LOCKA EXEC AND ASSOCIATED DATA - PER ATC/FPT REQUEST AND IAW 8260.46H.
3. TAKEOFF MINIMUMS: REMOVED MIA-OPA-LOCKA EXEC AND ASSOCIATED DATA AND REMOVED "FORT LAUDERDALE/HOLLYWOOD INTL:" - PER ATC/FPT REQUEST AND IAW 8260.46H.
4. CONTROLLING OBSTACLES: REMOVED MIAMI-OPA-LOCKA EXEC OBSTACLES - PER ATC/FPT REQUEST.
5. ADDITIONAL FLIGHT DATA: REMOVED "ALL AIRPORTS -" AND CHANGED CROSSING ALTITUDE AT ZOMBI FROM "AT OR BELOW 4000" TO "AT OR ABOVE 10000" - PER ATC/FPT REQUEST AND IAW 8260.46H.
6. REMARKS: REMOVED "WAIVER TO REQUIREMENT FOR CHARTING IF ALTITUDE - 8260.48H APPENDIX E, SECTION 1, PARA 12.C AND WAIVER TO REQUIREMENT FOR SHORT SEGMENT LENGTH - 8260.58B, PARA 1-2-5. B. (A)" - PER ATC/FPT REQUEST.
7. REMARKS: CHANGED FROM "CHART NOTE: FORT LAUDERDALE/HOLLYWOOD INTL ONLY SEE ADDITIONAL REQUIREMENTS ON AAUP" TO "KFLL: CHART NOTE: SEE ADDITIONAL REQUIREMENTS ON AAUP" IAW 8260.46H APPENDIX E, SECTION 1, PARA 17C.
8. AIRPORTS SERVED: REMOVED KOPF - PER ATC/FPT REQUEST.
9. PROCEDURAL DATA NOTES: ADDED "NOTE: FOR NON-GPS EQUIPPED AIRCRAFT, DHP AND VKZ DMES MUST BE OPERATIONAL" - DHP AND VKZ CRITICAL DME AND IAW 8260.46H SECTION 2-1, 2-1-1 F.(4).



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

DP NAME						NUMBER	DP COMPUTER CODE	SUPERSEDED NUMBER	DATED	ACTUAL EFFECTIVE DATE
REGAE						TWO	REGAE2.REGAE	ONE	08/12/2021	19 May 2022
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS	
RW10L (AER)*	260436.98N/0800953.22W*	N	-	-	-	-			*DISPLACED THLD (576 FT)	
580 MSL	-	-	-	VA	090.36	-	AT/ABOVE 580		CG 500 FT PER NM TO 580 FT	
MRLEE	260442.12N/0800025.43W	Y	FB	DF	-	-				
REELZ	260435.60N/0794953.76W	Y	FB	TF	090.62	9.48				
ZOMBI	260213.57N/0793853.41W	Y	FB	TF	103.35	10.19	AT/ABOVE 10000			
PASTL	255952.26N/0792905.41W	Y	FB	TF	104.86	9.14				
RW10R (AER)	260357.19N/0800930.06W	N	-	-	-	-				
580 MSL	-	-	-	VA	090.37	-	AT/ABOVE 580		CG 500 FT PER NM TO 580 FT	
CLPSO	260402.18N/0800029.66W	Y	FB	DF	-	-				
CUDEL	260356.03N/0794951.84W	Y	FB	TF	090.57	9.57				
ZOMBI	260213.57N/0793853.41W	Y	FB	TF	099.73	10.33	AT/ABOVE 10000			
PASTL	255952.26N/0792905.41W	Y	FB	TF	104.89	9.14				
RW28L (AER)	260356.67N/0800802.34W	N	-	-	-	-				
-	260357.74N/0801105.49W	-	-	VI	270..38	2.75			CG 500 FT PER NM TO 580 FT	
DREDS	260456.67N/0801334.42W	Y	FB	CF	293.65	2.44				
SHELZ	260810.81N/0801705.35W	Y	FB	TF	315.56	4.52				
JMACA	261253.35N/0801618.65W	Y	FB	TF	008.48	4.75				
BEEDZ	261535.81N/0801104.49W	Y	FB	TF	060.15	5.43				
LNKIN	261621.30N/0794940.00W	Y	FB	TF	087.67	19.26				
GTWAY	260322.69N/0793327.29W	Y	FB	TF	131.51	19.50	AT 10000			

QUALITY

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<u>DP NAME</u>		<u>NUMBER</u>		<u>DP COMPUTER CODE</u>		<u>SUPERSEDED NUMBER</u>		<u>DATED</u>	<u>ACTUAL EFFECTIVE DATE</u>
REGAE		TWO		REGAE2.REGAE		ONE		08/12/2021	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>ALTITUDE</u>	<u>SPEED</u>	<u>REMARKS</u>
PASTL	255952.26N/0792905.41W	Y	FB	TF	131.63	5.26			
RW28R (AER)*	260436.49N/0800827.48W*	N	-	-	-	-			DISPL THLD (606 FT)
-	260437.58N/0801141.11W	-	-	VI	270.37	2.91			CG 500 FT PER NM TO 580
DREDS	260456.67N/0801334.42W	Y		CF	280.56	1.73			
SHELZ	260810.81N/0801705.35W	Y	FB	TF	315.56	4.52			
JMACA	261253.35N/0801618.65W	Y	FB	TF	008.48	4.75			
BEEDZ	261535.81N/0801104.49W	Y	FB	TF	060.15	5.43			
LNKIN	261621.30N/0794940.00W	Y	FB	TF	087.67	19.26			
GTWAY	260322.69N/0793327.29W	Y	FB	TF	131.51	19.50	AT 10000		
PASTL	255952.26N/0792905.41W	Y	FB	TF	131.63	5.26			
PASTL	255952.26N/0792905.41W	Y	-	IF	-	-			
REGAE	255013.35N/0792701.27W	Y	FB	TF	169.02	9.80			
REGAE	255013.35N/0792701.27W	Y	-	IF	-	-			REGAE2.URSUS
NINNO	254045.16N/0793352.83W	Y	FB	TF	213.29	11.29	AT/ABOVE 17000		
CRUZN	252120.23N/0795051.40W	Y	FB	TF	218.49	24.71			
GLAMS	245324.60N/0794156.56W	Y	FB	TF	163.77	28.99			
LRODD	241820.56N/0791720.27W	Y	FB	TF	147.23	41.53			
URSUS	240000.19N/0790411.28W	Y	FB	TF	146.61	21.88			

QUALITY  
25  
CHECKED