

**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SUPERSEDED NUMBER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>
BNGOS	ONE	BNGOS1.BNGOS	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"/>

**This is a corrected copy of the procedure published in NFDD128.
** See page 6 for details. ****

DP ROUTE DESCRIPTION:**MIAMI INTL:**

TAKEOFF RWY 08L: CLIMB ON HEADING 092.38 TO 520, THEN DIRECT CSALT, THEN ON TRACK 006.96 TO DEALZ, THEN ON TRACK 347.54 TO SOESO, THEN ON TRACK 296.69 TO NIBLT, THEN ON TRACK 315.36 TO CROSS MRENO BETWEEN 8000 AND FL190, THENCE ...

TAKEOFF RWY 08R: CLIMB ON HEADING 092.38 TO 520, THEN DIRECT CSALT, THEN ON TRACK 006.96 TO DEALZ, THEN ON TRACK 347.54 TO SOESO, THEN ON TRACK 296.69 TO NIBLT, THEN ON TRACK 315.36 TO CROSS MRENO BETWEEN 8000 AND FL190, THENCE ...

TAKEOFF RWY 09: CLIMB ON HEADING 092.37 TO INTERCEPT COURSE 082.38 TO CSALT, THEN ON TRACK 006.96 TO DEALZ, THEN ON TRACK 347.54 TO SOESO, THEN ON TRACK 296.69 TO NIBLT, THEN ON TRACK 315.36 TO CROSS MRENO BETWEEN 8000 AND FL190, THENCE ...

TAKEOFF RWY 12: CLIMB ON HEADING 124.46 TO INTERCEPT COURSE 077.74 TO CSALT, THEN ON TRACK 006.96 TO DEALZ, THEN ON TRACK 347.54 TO SOESO, THEN ON TRACK 296.69 TO NIBLT, THEN ON TRACK 315.36 TO CROSS MRENO BETWEEN 8000 AND FL190, THENCE ...

TAKEOFF RWY 26L: CLIMB ON HEADING 272.39 TO INTERCEPT COURSE 283.00 TO KROCS, THEN ON TRACK 315.14 TO RUSSS, THEN ON TRACK 324.91 TO CROSS MRENO BETWEEN 8000 AND FL190, THENCE ...

TAKEOFF RWY 26R: CLIMB ON HEADING 272.39 TO INTERCEPT COURSE 282.40 TO KROCS, THEN ON TRACK 315.14 TO RUSSS, THEN ON TRACK 324.91 TO CROSS MRENO BETWEEN 8000 AND FL190, THENCE ...

TAKEOFF RWY 27: CLIMB ON HEADING 272.39 TO INTERCEPT COURSE 297.85 TO KROCS, THEN ON TRACK 315.14 TO RUSSS, THEN ON TRACK 324.91 TO CROSS MRENO BETWEEN 8000 AND FL190, THENCE ...

TAKEOFF RWY 30: CLIMB ON HEADING 304.47 TO 520, THEN DIRECT WADLE, THEN ON TRACK 322.67 TO CROSS MRENO BETWEEN 8000 AND FL190, THENCE ...

...ON TRACK 321.65 TO BNGOS, THEN ON TRANSITION, MAINTAIN ATC ASSIGNED ALTITUDE, EXPECT CLEARANCE TO FILED ALTITUDE WITHIN 10 MINUTES AFTER DEPARTURE.

FORT LAUDERDALE/HOLLYWOOD INTL:

TAKEOFF RWY 10L: CLIMB ON HEADING 095.36 TO INTERCEPT COURSE 074.00 TO LLBOW, THEN ON TRACK 025.07 TO ROOOM, THEN ON TRACK 345.76 TO YOLOO, THEN ON TRACK 296.58 TO LRICK, THEN ON TRACK 296.58 FOR RADAR VECTORS TO CROSS MRENO BETWEEN 8000 AND FL190, THENCE ...

TAKEOFF RWY 10R: CLIMB ON HEADING 095.37 TO INTERCEPT COURSE 064.00 TO LLBOW, THEN ON TRACK 025.07 TO ROOOM, THEN ON TRACK 345.76 TO YOLOO, THEN ON TRACK 296.58 TO LRICK, THEN ON TRACK 296.58 FOR RADAR VECTORS TO CROSS MRENO BETWEEN 8000 AND FL190, THENCE ...

TAKEOFF RWY 28L: CLIMB ON HEADING 275.38 TO 580, THEN DIRECT TIDEZ, THEN ON TRACK 275.34 TO DUSKE, THEN ON TRACK 317.43 TO KBUNK, THEN ON TRACK 294.00 OR AS ASSIGNED FOR RADAR VECTORS TO CROSS MRENO BETWEEN 8000 AND FL190, THENCE ...

TAKEOFF RWY 28R: CLIMB ON HEADING 275.37 TO 580, THEN DIRECT SEAZZ, THEN ON TRACK 275.19 TO HEPAD, THEN ON TRACK 316.63 TO KBUNK, THEN ON TRACK 294.00 OR AS ASSIGNED FOR RADAR VECTORS TO CROSS MRENO BETWEEN 8000 AND FL190, THENCE ...

FORT LAUDERDALE EXEC:

TAKEOFF RWY 9: CLIMB ON HEADING 090.78 OR AS ASSIGNED FOR RADAR VECTORS TO CROSS MRENO BETWEEN 8000 AND FL190, THENCE ...

TAKEOFF RWY 13: CLIMB ON HEADING 135.80 OR AS ASSIGNED FOR RADAR VECTORS TO CROSS MRENO BETWEEN 8000 AND FL190, THENCE ...

TAKEOFF RWY 27: CLIMB ON HEADING 270.79 OR AS ASSIGNED FOR RADAR VECTORS TO CROSS MRENO BETWEEN 8000 AND FL190, THENCE ...

TAKEOFF RWY 31: CLIMB ON HEADING 315.80 OR AS ASSIGNED FOR RADAR VECTORS TO CROSS MRENO BETWEEN 8000 AND FL190, THENCE ...

HOMESTEAD ARB:

TAKEOFF RWY 6: CLIMB ON HEADING 055.32 OR AS ASSIGNED FOR RADAR VECTORS TO CROSS MRENO BETWEEN 8000 AND FL190, THENCE ...

TAKEOFF RWY 24: CLIMB ON HEADING 235.33 OR AS ASSIGNED FOR RADAR VECTORS TO CROSS MRENO BETWEEN 8000 AND FL190, THENCE ...

MIAMI EXECUTIVE:

TAKEOFF RWY 9L: CLIMB ON HEADING 093.31 OR AS ASSIGNED FOR RADAR VECTORS TO CROSS MRENO BETWEEN 8000 AND FL190, THENCE ...

TAKEOFF RWY 9R: CLIMB ON HEADING 093.31 OR AS ASSIGNED FOR RADAR VECTORS TO CROSS MRENO BETWEEN 8000 AND FL190, THENCE ...

TAKEOFF RWY 13: CLIMB ON HEADING 133.34 OR AS ASSIGNED FOR RADAR VECTORS TO CROSS MRENO BETWEEN 8000 AND FL190, THENCE ...



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BNGOS	ONE	BNGOS1.BNGOS	NONE		<i>12 AUG 2021</i>

TAKEOFF RWY 27L: CLIMB ON HEADING 273.32 OR AS ASSIGNED FOR RADAR VECTORS TO CROSS MRENO BETWEEN 8000 AND FL190, THENCE ...
 TAKEOFF RWY 27R: CLIMB ON HEADING 273.32 OR AS ASSIGNED FOR RADAR VECTORS TO CROSS MRENO BETWEEN 8000 AND FL190, THENCE ...
 TAKEOFF RWY 31: CLIMB ON HEADING 313.35 OR AS ASSIGNED FOR RADAR VECTORS TO CROSS MRENO BETWEEN 8000 AND FL190, THENCE ...

MIAMI HOMESTEAD GENERAL AVIATION:

TAKEOFF RWY 10: CLIMB ON HEADING 095.69 TO 2000, THEN AS ASSIGNED FOR RADAR VECTORS TO CROSS MRENO BETWEEN 8000 AND FL190, THENCE ...
 TAKEOFF RWY 18: CLIMB ON HEADING 185.49 OR AS ASSIGNED FOR RADAR VECTORS TO CROSS MRENO BETWEEN 8000 AND FL190, THENCE ...
 TAKEOFF RWY 28: CLIMB ON HEADING 275.69 OR AS ASSIGNED FOR RADAR VECTORS TO CROSS MRENO BETWEEN 8000 AND FL190, THENCE ...
 TAKEOFF RWY 36: CLIMB ON HEADING 005.49 OR AS ASSIGNED FOR RADAR VECTORS TO CROSS MRENO BETWEEN 8000 AND FL190, THENCE ...

MIAMI-OPA LOCKA EXECUTIVE:

TAKEOFF RWY 9L: CLIMB ON HEADING 092.94 OR AS ASSIGNED FOR RADAR VECTORS TO CROSS MRENO BETWEEN 8000 AND FL190, THENCE ...
 TAKEOFF RWY 9R: CLIMB ON HEADING 092.96 OR AS ASSIGNED FOR RADAR VECTORS TO CROSS MRENO BETWEEN 8000 AND FL190, THENCE ...
 TAKEOFF RWY 12: CLIMB ON HEADING 127.84 OR AS ASSIGNED FOR RADAR VECTORS TO CROSS MRENO BETWEEN 8000 AND FL190, THENCE ...
 TAKEOFF RWY 27L: CLIMB ON HEADING 272.97 OR AS ASSIGNED FOR RADAR VECTORS TO CROSS MRENO BETWEEN 8000 AND FL190, THENCE ...
 TAKEOFF RWY 27R: CLIMB ON HEADING 272.95 OR AS ASSIGNED FOR RADAR VECTORS TO CROSS MRENO BETWEEN 8000 AND FL190, THENCE ...
 TAKEOFF RWY 30: CLIMB ON HEADING 307.84 OR AS ASSIGNED FOR RADAR VECTORS TO CROSS MRENO BETWEEN 8000 AND FL190, THENCE ...

OCEAN REEF CLUB:

TAKEOFF RWY 05: CLIMB ON HEADING 045.37 OR AS ASSIGNED FOR RADAR VECTORS TO CROSS MRENO BETWEEN 8000 AND FL190, THENCE ...
 TAKEOFF RWY 23: CLIMB ON HEADING 225.38 OR AS ASSIGNED FOR RADAR VECTORS TO CROSS MRENO BETWEEN 8000 AND FL190, THENCE ...

POMPANO BEACH AIRPARK:

TAKEOFF RWY 6: CLIMB ON HEADING 059.66 OR AS ASSIGNED FOR RADAR VECTORS TO CROSS MRENO BETWEEN 8000 AND FL190, THENCE ...
 TAKEOFF RWY 10: CLIMB ON HEADING 104.64 OR AS ASSIGNED FOR RADAR VECTORS TO CROSS MRENO BETWEEN 8000 AND FL190, THENCE ...
 TAKEOFF RWY 15: CLIMB ON HEADING 149.65 OR AS ASSIGNED FOR RADAR VECTORS TO CROSS MRENO BETWEEN 8000 AND FL190, THENCE ...
 TAKEOFF RWY 24: CLIMB ON HEADING 239.66 OR AS ASSIGNED FOR RADAR VECTORS TO CROSS MRENO BETWEEN 8000 AND FL190, THENCE ...
 TAKEOFF RWY 28: CLIMB ON HEADING 284.64 OR AS ASSIGNED FOR RADAR VECTORS TO CROSS MRENO BETWEEN 8000 AND FL190, THENCE ...
 TAKEOFF RWY 33: CLIMB ON HEADING 329.65 OR AS ASSIGNED FOR RADAR VECTORS TO CROSS MRENO BETWEEN 8000 AND FL190, THENCE ...

... ON TRACK 321.65 TO BNGOS, THEN ON 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>
DOLIE	BNGOS1.DOLIE	BNGOS	COREA	TRACK 321.44	10.20	12000	1400	AT/ABOVE FL200
		COREA	DOLIE	TRACK 321.37	53.87	FL180	1600	AT/ABOVE FL230
COREA	BNGOS1.COREA	BNGOS	COREA	TRACK 321.44	10.20	12000	1400	AT/ABOVE FL200
MERKS	BNGOS1.MERKS	BNGOS	MERKS	TRACK 270.00	08.00	10000	1400	AT/BELOW 10000

PROCEDURAL DATA NOTES:

NOTE: RNAV 1.
 NOTE: RADAR REQUIRED.
 NOTE: JET AIRCRAFT ONLY.

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>
BNGOS	ONE	BNGOS1.BNGOS	NONE		<i>12 AUG 2021</i>

NOTE: DME/DME/IRU OR GPS REQUIRED.

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

NOTE: MERKS TRANSITION ATC ASSIGNED ONLY EXCEPT AIRCRAFT LANDING: MKY, RSW, APF AND FMY.

TAKEOFF MINIMUMS:

MIAMI INTL:

RWY 8L: STANDARD WITH MINIMUM CLIMB OF 500 FT PER NM TO 520, THEN MINIMUM CLIMB OF 215 TO 1400

RWY 8R: STANDARD WITH MINIMUM CLIMB OF 500 FT PER NM TO 520, THEN MINIMUM CLIMB OF 235 TO 1400

RWY 9: STANDARD WITH MINIMUM CLIMB OF 500 FT PER NM TO 520, THEN MINIMUM CLIMB OF 240 TO 1400

RWY 12: STANDARD WITH MINIMUM CLIMB OF 500 FT PER NM TO 520, THEN MINIMUM CLIMB OF 230 TO 1400

RWY 26L, 26R, 27, 30: STANDARD WITH MINIMUM CLIMB OF 500 FT PER NM TO 520.

FORT LAUDERDALE/HOLLYWOOD INTL:

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

FORT LAUDERDALE EXEC:

RWY 9, 13, 31: STANDARD.

RWY 27: STANDARD WITH MINIMUM CLIMB OF 500 FT PER NM TO 520.

HOMESTEAD ARB:

RWY 6: STANDARD WITH MINIMUM CLIMB OF 500 FT PER NM TO 1800.

RWY 24: STANDARD WITH MINIMUM CLIMB OF 500 FT PER NM TO 2200.

MIAMI EXEC:

RWY 9L: STANDARD WITH MINIMUM CLIMB OF 500 FT PER NM TO 1300.

RWY 9R: STANDARD WITH MINIMUM CLIMB OF 500 FT PER NM TO 1500.

RWY 13: STANDARD WITH MINIMUM CLIMB OF 500 FT PER NM TO 1800.

RWY 27L: STANDARD WITH MINIMUM CLIMB OF 500 FT PER NM TO 1900.

RWY 27R: STANDARD WITH MINIMUM CLIMB OF 500 FT PER NM TO 1700.

RWY 31: STANDARD WITH MINIMUM CLIMB OF 500 FT PER NM TO 1400.

MIAMI HOMESTEAD GENERAL AVIATION:

RWY 10: STANDARD WITH MINIMUM CLIMB OF 500 FT PER NM TO 2400.

RWY 18: STANDARD WITH MINIMUM CLIMB OF 500 FT PER NM TO 1800.

RWY 28: STANDARD WITH MINIMUM CLIMB OF 500 FT PER NM TO 1900.

RWY 36: STANDARD WITH MINIMUM CLIMB OF 500 FT PER NM TO 2200.

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.

OCEAN REEF CLUB:

RWY 5, 23: STANDARD.

POMPANO BEACH AIRPARK:

RWY 6, 24, 28, 33: STANDARD.

RWY 10, 15: STANDARD WITH MINIMUM CLIMB OF 500 FT PER NM TO 520

TAKEOFF OBSTACLES NOTES:

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



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BNGOS	ONE	BNGOS1.BNGOS	NONE		<i>12 AUG 2021</i>

CONTROLLING OBSTACLES:

MIAMI INTL:

RWY 8L, 8R: 164 FT MSL TOWER 254832.18N/0801527.90W.

RWY 9, 12: 1049 FT MSL BUILDING 254649.65N/0801106.99W.

FORT LAUDERDALE EXEC:

RWY 27: 411 FT MSL TOWER 261047.32N/0801314.71W.

HOMESTEAD ARB:

RWY 6, 24: 1849 FT MSL TOWER 2532235.94N/0802806.43W.

MIAMI EXEC:

RWY 9L, 9R, 13, 27L, 27R, 31: 1849 FT MSL TOWER 253223.94N/0802806.43W.

MIAMI HOMESTEAD GENERAL AVIATION:

RWY 10, 18, 28, 36: 1849 FT MSL TOWER 253223.94N/0802806.43.

MIAMI-OPA LOCKA EXEC:

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

POMPANO BEACH AIRPARK:

RWY 10: 210 FT MSL BUILDING 261439.45N/0800513.33W.

RWY 15: 308 FT MSL BUILDING 261351.00N/0800526.00W.

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

REFERENCE MAG/VAR: MIA 05W EPOCH YEAR 2000.

DME/DME ASSESSMENT: SAT RNP 2.0.

CHART: TOP ALTITUDE: ASSIGNED BY ATC.

CHART MINIMUM CROSSING ALTITUDE AT MRENO - BETWEEN 8000 AND FL190.

AIRPORTS SERVED:

<u>AIRPORT NAME</u>	<u>AIRPORT ID</u>	<u>CITY</u>	<u>STATE</u>
FORT LAUDERDALE/HOLLYWOOD INTL	KFLL	FORT LAUDERDALE	FL
FORT LAUDERDALE EXECUTIVE	KFXE	FORT LAUDERDALE	FL
HOMESTEAD ARB	KHST	HOMESTEAD	FL
MIAMI EXECUTIVE	KTMB	MIAMI	FL
MIAMI HOMESTEAD GENERAL AVIATION	KX51	HOMESTEAD	FL
MIAMI INTL	KMIA	MIAMI	FL
MIAMI-OPA LOCKA EXECUTIVE	KOPF	MIAMI	FL

QUALITY
5
CHECKED

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BNGOS	ONE	BNGOS1.BNGOS	NONE		12 AUG 2021
OCEAN REEF CLUB	K07FA		KEY LARGO		FL
POMPANO BEACH AIRPARK	KPMP		POMPANO BEACH		FL

COMMUNICATIONS:**KMIA:** ATIS, TOWER, GND CON, CLNC DEL, DEP CON, CPDLC.**KFLL:** ATIS, TOWER, GND CON, CLNC DEL, DEP CON, CPDLC.**KFXE:** ATIS, TOWER, GND CON, CLNC DEL, DEP CON.**KTMB:** ATIS/ASOS, CLNC DEL, GND CON, TOWER, DEP CON.**KOPF:** ATIS/ASOS, CLNC DEL, GND CON, TOWER, DEP CON.**KHST:** ATIS, CTAF, CLNC DEL, GND CON, TOWER, DEP CON.**KX51:** AWOS, CTAF, DEP CON,**K07FA:** UNICOM, DEP CON,**KPMP:** ATIS, GND CON, TOWER, DEP CON**FIXES AND/OR NAVAIDS:****REMARKS:**

CHART NOTE: (MIAMI INTL AND FORT LAUDERDALE/HOLLYWOOD INTL ONLY) SEE ADDITIONAL REQUIREMENTS ON AAUP.

ENVIRONMENTAL REVIEW UNDER ORDER 1050.1 (LATEST EDITION)

REQUIREMENTS WORKSHEET AND NOISE SCREENING HAVE BEEN ACCOMPLISHED

FLIGHT INSPECTED BY

JEFFREY ECKMAN

*Digitally signed by***ALLAN WILL**

Jul 01, 2021

OFFICE

FICO

DATE

05262021

DEVELOPED BY

PHILLIP BRANDENBURG

*Digitally signed by***PHILLIP BRANDENBURG**

Jul 01, 2021

OFFICE

AJV-A423

DATE

03/24/2021

APPROVED BY

MARLON ROBINSON

*Digitally signed by***ALLAN WILL**

Jul 01, 2021

OFFICE

AJV-A420

DATE**TITLE**

MANAGER

REQUIRED EFFECTIVE DATE

ROUTINE

COORDINATED WITH:**A4A** ☒**ALPA** ☒**AOPA** ☒**APA** ☐**HAI** ☐**NBAA** ☒**OTHER:**ZMA, MIA ATCT, MIA DEP CON, EASTERN FPT**CHANGES - REASONS:**

06/11/2021: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 03/24/2021.

1. CHANGED MIAMI INTL DP ROUTE DESCRIPTION FROM "MAINTAIN FL 230' TO "MAINTAIN ATC ASSIGNED ALTITUDE".

2. REMOVED "AT 4000" AT LRICK AND KBUNK FROM FORT LAUDERDALE DP ROUTE DESCRIPTION.

3. CHANGED CHART NOTE TO "TOP ALTITUDE: ASSIGNED BY ATC"

4. ADDED CHART NOTE: (MIAMI INTL AND FORT LAUDERDALE/HOLLYWOOD INTL ONLY) SEE ADDITIONAL REQUIREMENTS ON AAUP- AAUP INFORMATION ONLY APPLIES TO KMIA AND KFLL.

06/11/2021: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 03/24/2021.

1. CHANGED MIAMI INTL DP ROUTE DESCRIPTION FROM "MAINTAIN FL 230' TO "MAINTAIN ASSIGNED ATC ALTITUDE".



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BNGOS	ONE	BNGOS1.BNGOS	NONE		<i>12 AUG 2021</i>

2. REMOVED "AT 4000" AT LRICK AND KBUNK FROM FORT LAUDERDALE DP ROUTE DESCRIPTION.

3. CHANGED CHART NOTE TO "TOP ALTITUDE: AS ASSIGNED BY ATC".

6/29/21. THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 5/17/21.

8260-2 SOESO

1. ADDED WP TO FIX TYPE.

7/1/21. THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 5/17/21.

1. CHANGED KMIA TAKEOFF MINIMUMS FROM RWY 12: STANDARD WITH MINIMUM CLIMB OF 500 FT PER NM TO 520, THEN MINIMUM CLIMB OF 230 TO 400 TO RWY 12: STANDARD WITH MINIMUM CLIMB OF 500 FT PER NM TO 520, THEN MINIMUM CLIMB OF 230 TO 1400.

2. COREA TO DOLIE MEA CHANGED FROM 18000 TO FL180.



**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>
BNGOS		ONE		BNGOS1.BNGOS		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>
MIAMI INTL									
RW08L (AER)	254810.43N/0801805.55W	N	-	-	-	-			
520 MSL	-	-	-	VA	087.38	-	AT/ABOVE 520		CG 500 FPNM TO 520, THEN MIN CLIMB 215 TO 1400
CSALT	254823.36N/0800938.32W	Y	FB	DF	-				
DEALZ	255338.46N/0800926.38W	Y	FB	TF	001.96	05.24			
SOESO	255917.92N/0801124.53W	Y	FB	TF	342.54	05.91			
NIBLT	260915.27N/0803916.45W	Y	FB	TF	291.69	26.98			
MRENO	262145.03N/0805537.06W	Y	FB	TF	310.36	19.26	8000BFL190		
RW08R (AER)	254802.52N/0801805.16W	N	-	-	-	-			
520 MSL	-	-	-	VA	087.38	-	AT/ABOVE 520		CG 500 FPNM TO 520, THEN MIN CLIMB 235 TO 1400
CSALT	254823.36N/0800938.32W	Y	FB	DF	-	-			
DEALZ	255338.46N/0800926.38W	Y	FB	TF	001.96	05.24			
SOESO	255917.92N/0801124.53W	Y	FB	TF	342.54	05.91			
NIBLT	260915.27N/0803916.45W	Y	FB	TF	291.69	26.98			
MRENO	262145.03N/0805537.06W	Y	FB	TF	310.36	19.26	8000BFL190		
RW09 (AER)*	254710.56N/0801838.57W	N	-	-	-	-			*DISPL THLD (1358.0 FT)
-	254720.91N/0801427.71W	-	-	VI	087.37	03.78			CG 500 FPNM TO 520, THEN MIN CLIMB 240 TO 1400
CSALT	254823.36N/0800938.32W	Y	FB	CF	077.38	04.47			
DEALZ	255338.46N/0800926.38W	Y	FB	TF	001.96	05.24			
SOESO	255917.92N/0801124.53W	Y	FB	TF	342.54	05.91			

QUALITY
5
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DP NAME		NUMBER					DP COMPUTER CODE		SUPERSEDED NUMBER		DATED		ACTUAL EFFECTIVE DATE	
BNGOS		ONE					BNGOS1.BNGOS		NONE				12 AUG 2021	
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS					
NIBLT	260915.27N/0803916.45W	Y	FB	TF	291.69	26.98								
MRENO	262145.03N/0805537.06W	Y	FB	TF	310.36	19.26	8000BFL190							
RW12 (AER)	254757.43N/0801808.24W	N	-	-	-	-								
-	254641.53N/0801539.87W	-	-	VI	119.46	02.56			500 FPNM TO 520, THEN MIN CLIMB 230 TO 1400					
CSALT	254823.36N/0800938.32W	Y	FB	CF	072.74	05.70								
DEALZ	255338.46N/0800926.38W	Y	FB	TF	001.96	05.24								
SOESO	255917.92N/0801124.53W	Y	FB	TF	342.54	05.91								
NIBLT	260915.27N/0803916.45W	Y	FB	TF	291.69	26.98								
MRENO	262145.03N/0805537.06W	Y	FB	TF	310.36	19.26	8000BFL190							
RW26L (AER)	254807.27N/0801610.33W	N	-	-	-	-								
-	254758.58N/0801940.04W	-	-	VI	267.39	03.16			500 FT/NM TO 520					
KROCS	254828.48N/0802334.65W	Y	FB	CF	278.00	03.56								
RUSSS	255051.86N/0802642.60W	Y	FB	TF	310.14	03.70								
MRENO	262145.03N/0805537.06W	Y	FB	TF	319.91	40.32	8000BFL190							
RW26R (AER)	254814.32N/0801631.55W	N	-	-	-	-								
-	254805.03N/0802015.54W	-	-	VI	267.39	03.37			500 FT/NM TO 520					
KROCS	254828.48N/0802334.65W	Y	FB	CF	277.40	03.02								
RUSSS	255051.86N/0802642.60W	Y	FB	TF	310.14	03.70								
MRENO	262145.03N/0805537.06W	Y	FB	TF	319.91	40.32	8000BFL190							
RW27 (AER)*	254715.72N/0801634.02W	N	-	-	-	-			*DISPL THLD (261.0 FT) 500 FT/NM TO 520					

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DP NAME					NUMBER	DP COMPUTER CODE	SUPERSEDED NUMBER	DATED	ACTUAL EFFECTIVE DATE
BNGOS					ONE	BNGOS1.BNGOS	NONE		12 AUG2021
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
-	254707.11N/0802001.47W	-	-	VI	267.39	03.12			
KROCS	254828.48N/0802334.65W	Y	FB	CF	292.85	03.48			
RUSSS	255051.86N/0802642.60W	Y	FB	TF	310.14	03.70			
MRENO	262145.03N/0805537.06W	Y	FB	TF	319.91	40.32	8000BFL190		
RW30 (AER)*	254716.43N/0801648.08W	N	-	-	-	-			
520 MSL	-	-	-	VA	299.47	-	AT/ABOVE 520		CG 500 FT/NM TO 520
WADLE	255119.27N/0802447.66W	Y	FB	DF	-	-			
MRENO	262145.03N/0805537.06W	Y	FB	TF	317.67	41.11	8000BFL190		
	FORT LAUDERDALE/HOLLYWOOD INTL								
RW10L (AER)*	260436.98N/0800953.22W	N	-	-	-	-			*DISPL THLD (576.0 FT)
-	260435.75N/0800623.10W	-	-	VI	090.36	03.15			CG 500 FT/NM TO 580
LLBOW	260518.36N/0800420.24W	Y	FB	CF	069.00	01.97			
ROOOM	260914.71N/0800244.55W	Y	FB	TF	020.07	04.18			
YOLOO	261325.67N/0800421.65W	Y	FB	TF	340.76	04.42			
LRICK	261515.98N/0800931.19W	Y	FO	TF	291.58	04.99			
LRICK	261515.98N/0800931.19W	-	-	FM	291.58	-			
RW10R (AER)	260357.19N/0800930.06W	N	-	-	-	-			
-	260356.24N/0800651.52W	-	-	VI	090.37	02.38			CG 500 FT/NM TO 580
LLBOW	260518.36N/0800420.24W	Y	FB	CF	059.00	02.65			
ROOOM	260914.71N/0800244.55W	Y	FB	TF	020.07	04.18			

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DP NAME		NUMBER					DP COMPUTER CODE		SUPERSEDED NUMBER		DATED		ACTUAL EFFECTIVE DATE	
BNGOS		ONE					BNGOS1.BNGOS		NONE				12 AUG 2021	
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS					
YOLOO	261325.67N/0800421.65W	Y	FB	TF	340.76	04.42								
LRICK	261515.98N/0800931.19W	Y	FO	TF	291.58	04.99								
LRICK	261515.98N/0800931.19W	-	-	FM	291.58	-								
RW28L (AER)	260356.67N/0800802.34W	N	-	-	-	-								
580 MSL	-	-	-	VA	270.38	-	AT/ABOVE 580		CG 500 FT/NM TO 580					
TIDEZ	260358.61N/0801343.70W	Y	FB	DF	-	-								
DUSKE	260359.94N/0801803.45W	Y	FB	TF	270.34	03.90								
KBUNK	261323.91N/0802928.01W	Y	FO	TF	312.43	13.90								
KBUNK	261323.91N/0802928.01W	-	-	FM	289.00	-								
RW28R (AER)*	260436.49N/0800827.48W	N	-	-	-	-			*DISPL THLD (606.0 FT)					
580 MSL	-	-	-	VA	270.37	-	AT/ABOVE 580		CG 500 FT/NM TO 580					
SEAZZ	260438.28N/0801351.89W	Y	FB	DF	-	-								
HEPAD	260439.04N/0801832.64W	Y	FB	TF	270.19	04.21								
KBUNK	261323.91N/0802928.01W	Y	FO	TF	311.63	13.14								
KBUNK	261323.91N/0802928.01W	-	-	FM	289.00	-								
MRENO	262145.03N/0805537.06W	Y	-	IF	-	-	8000BFL190							
BNGOS	263043.52N/0810502.41W	Y	FB	TF	316.65	12.31								
BNGOS	263043.52N/0810502.41W	Y	-	IF	-	-			BNGOS1.DOLIE					
COREA	263808.00N/0811253.00W	Y	FB	TF	316.44	10.20	AT/ABOVE FL200							
DOLIE	271708.21N/0815436.17W	Y	FB	TF	316.37	53.87	AT/ABOVE FL230							

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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>
BNGOS		ONE		BNGOS1.BNGOS		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>
BNGOS	263043.52N/0810502.41W	Y		IF	-	-			BNGOS1.COREA
COREA	263808.00N/0811253.00W	Y	FB	TF	316.44	10.20	AT/ABOVE FL200		
BNGOS	263043.52N/0810502.41W	Y	-	IF	-	-			BNGOS1.MERKS
MERKS	263001.29N/0811355.41W	Y	FB	TF	265.00	08.00	AT/BELOW 10000		

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