

**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SUPERSEDED NUMBER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>
HURCN	THREE	HURCN3.HURCN	TWO	01/27/2022	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 5 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 LIIVV, THEN ON TRACK 296.84 TO NIBLT, THEN ON TRACK 341.67 TO CROSS JOENZ AT 5000, 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 LIIVV, THEN ON TRACK 296.84 TO NIBLT, THEN ON TRACK 341.67 TO CROSS JOENZ AT 5000, THENCE ...

TAKEOFF RWY 09: CLIMB ON HEADING 092.37 TO INTERCEPT COURSE 081.61 TO CSALT, THEN ON TRACK 006.96 TO DEALZ, THEN ON TRACK 347.54 TO LIIVV, THEN ON TRACK 296.84 TO NIBLT, THEN ON TRACK 341.67 TO CROSS JOENZ AT 5000, 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 LIIVV, THEN ON TRACK 296.84 TO NIBLT, THEN ON TRACK 341.67 TO CROSS JOENZ AT 5000, THENCE ...

TAKEOFF RWY 26L: CLIMB ON HEADING 272.39 TO INTERCEPT COURSE 283.03 TO KROCS, THEN ON TRACK 315.14 TO RUSSS, THEN ON TRACK 340.27 TO NIBLT, THEN ON TRACK 341.67 TO CROSS JOENZ AT 5000, THENCE ...

TAKEOFF RWY 26R: CLIMB ON HEADING 272.39 TO INTERCEPT COURSE 282.42 TO KROCS, THEN ON TRACK 315.14 TO RUSSS, THEN ON TRACK 340.27 TO NIBLT, THEN ON TRACK 341.67 TO CROSS JOENZ AT 5000, THENCE ...

TAKEOFF RWY 27: CLIMB ON HEADING 272.39 TO INTERCEPT COURSE 297.88 TO KROCS, THEN ON TRACK 315.14 TO RUSSS, THEN ON TRACK 340.27 TO NIBLT, THEN ON TRACK 341.67 TO CROSS JOENZ AT 5000, THENCE ...

TAKEOFF RWY 30: CLIMB ON HEADING 304.47 TO 520, THEN DIRECT WADLE, THEN ON TRACK 335.01 TO NIBLT, THEN ON TRACK 341.67 TO CROSS JOENZ AT 5000, THENCE ...

...ON TRACK 317.61 TO HURCN, THEN ON TRANSITION, MAINTAIN 5000, EXPECT CLEARANCE TO FILED ALTITUDE WITHIN 10 MINUTES AFTER DEPARTURE.

HOMESTEAD ARB:

TAKEOFF RWY 6: CLIMB ON HEADING 055.32 OR AS ASSIGNED FOR RADAR VECTORS TO CROSS JOENZ AT 5000, THENCE...

TAKEOFF RWY 24: CLIMB ON HEADING 235.33 OR AS ASSIGNED FOR RADAR VECTORS TO CROSS JOENZ AT 5000, THENCE...

MIAMI-OPA LOCKA EXECUTIVE:

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

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

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

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

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

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

MIAMI EXECUTIVE:

TAKEOFF RWY 9L: CLIMB ON HEADING 093.31 OR AS ASSIGNED FOR RADAR VECTORS TO CROSS JOENZ AT 5000, THENCE...

TAKEOFF RWY 9R: CLIMB ON HEADING 093.31 OR AS ASSIGNED FOR RADAR VECTORS TO CROSS JOENZ AT 5000, THENCE...

TAKEOFF RWY 13: CLIMB ON HEADING 133.34 OR AS ASSIGNED FOR RADAR VECTORS TO CROSS JOENZ AT 5000, THENCE...

TAKEOFF RWY 27L: CLIMB ON HEADING 273.32 OR AS ASSIGNED FOR RADAR VECTORS TO CROSS JOENZ AT 5000, THENCE...

TAKEOFF RWY 27R: CLIMB ON HEADING 273.32 OR AS ASSIGNED FOR RADAR VECTORS TO CROSS JOENZ AT 5000, THENCE...

TAKEOFF RWY 31: CLIMB ON HEADING 313.35 OR AS ASSIGNED FOR RADAR VECTORS TO CROSS JOENZ AT 5000, THENCE...

MIAMI HOMESTEAD GENERAL AVIATION:

TAKEOFF RWY 10: CLIMB ON HEADING 095.69 TO 2000 THEN AS ASSIGNED FOR RADAR VECTORS TO CROSS JOENZ AT 5000, THENCE...



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HURCN	THREE	HURCN3.HURCN	TWO	01/27/2022	19 May 2022

TAKEOFF RWY 18: CLIMB ON HEADING 185.49 OR AS ASSIGNED FOR RADAR VECTORS TO CROSS JOENZ AT 5000, THENCE...
 TAKEOFF RWY 28: CLIMB ON HEADING 275.69 OR AS ASSIGNED FOR RADAR VECTORS TO CROSS JOENZ AT 5000, THENCE...
 TAKEOFF RWY 36: CLIMB ON HEADING 005.49 OR AS ASSIGNED FOR RADAR VECTORS TO CROSS JOENZ AT 5000, THENCE...

...ON TRACK 317.61 TO HURCN, 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>
KPASA	HURCN3.KPASA	HURCN	BLAAK	TRACK 325.78	41.46	6000	1500	
		BLAAK	PYROS	TRACK 335.43	20.17	6000	1600	
		PYROS	KPASA	TRACK 342.90	54.20	6000	1700	
SMELZ	HURCN3.SMELZ	HURCN	THEUU	TRACK 317.57	48.10	6000	1400	
		THEUU	GNARL	TRACK 332.19	29.16	6000	1600	
		GNARL	SMELZ	TRACK 341.55	40.67	6000	1700	

PROCEDURAL DATA NOTES:

NOTE: JET AIRCRAFT ONLY.

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

PBN REQUIREMENTS NOTES:

NOTE: RNAV-1 DME/DME/IRU OR GPS.

EQUIPMENT REQUIREMENT NOTES:

RADAR REQUIRED.

TAKEOFF MINIMUMS:

MIAMI INTL:

RWY 8L: STANDARD WITH MINIMUM CLIMB OF 500 FT PER NM TO 520, THEN MINIMUM CLIMB OF 215 FT PER NM TO 1400
 RWY 8R: STANDARD WITH MINIMUM CLIMB OF 500 FT PER NM TO 520, THEN MINIMUM CLIMB OF 235 FT PER NM TO 1400
 RWY 9: STANDARD WITH MINIMUM CLIMB OF 500 FT PER NM TO 520, THEN MINIMUM CLIMB OF 240 FT PER NM TO 1400
 RWY 12: STANDARD WITH MINIMUM CLIMB OF 500 FT PER NM TO 520, THEN MINIMUM CLIMB OF 230 FT PER NM TO 1400
 RWY 26L, 26R, 27, 30: 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-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.

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.



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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.

TAKEOFF OBSTACLES NOTES:

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

CONTROLLING OBSTACLES:

MIAMI INTL:

RWY 8L: 164 FT MSL TOWER 254832.18N/0801527.90W.
RWY 9: 1049 FT MSL BUILDING 254649.65N/0801106.99W.
RWY 12: 1049 MSL BUILDING 254542.37N/0801135.45W.

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/0802806.43W.

MIAMI-OPA LOCKA EXEC:

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

MSA:

LOST COMMUNICATIONS PROCEDURES:

ADDITIONAL FLIGHT DATA:

CHART MANDATORY 5000 AT JOENZ
TOP ALTITUDES, KMIA: 5000; KOPF, KTMB, KX51, KHST: AS ASSIGNED BY ATC.
DME/DME ASSESSMENT: SAT RNP 2.0.

AIRPORTS SERVED:

<u>AIRPORT ID</u>	<u>CITY</u>	<u>STATE</u>
KMIA	MIAMI	FL
KHST	HOMESTEAD	FL
KOPF	MIAMI	FL
KTMB	MIAMI	FL
KX51	HOMESTEAD	FL



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HURCN	THREE	HURCN3.HURCN	TWO	01/27/2022	19 May 2022

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

CHART NOTE: (MIAMI 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

JAMES HAWLEY

*Digitally signed by***ALLAN WILL**

Apr 01, 2022

OFFICE

FPO

DATE

03/19/2022

DEVELOPED BY

PHILLIP BRANDENBURG

Digitally signed by
PHILLIP BRANDENBURG

Mar 31, 2022

OFFICE

AJV-A423

DATE

12/16/2021

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, MIA DEP CON, EASTERN FPT
CHANGES - REASONS:

REMOVED KFLL, KFXE, KPMP, K07FA FROM AIRPORTS SERVED - ATC REQUEST.

CHANGED NOTE: DME/DME/IRU OR GPS REQUIRED TO READ RNAV-1 DME/DME/IRU OR GPS AND MOVED FROM PROCEDURAL DATA NOTES TO PBN REQUIREMENTS NOTES - PER CRITERIA.

CHANGED TOP ALTITUDE FROM AS ASSIGNED BY ATC TO KMIA: 5000; KOPF, KTMB, KX51, KHST: AS ASSIGNED BY ATC - ATC REQUEST.

ALL DP ROUTE DESCRIPTIONS: CHANGED RESTRICTION AT JOENZ FROM "BETWEEN 11000 AND FL190" TO "AT 5000" - ATC REQUEST.

FIX SOESO REPLACED BY LIIVV, NIBLT RELOCATED, JOENZ RELOCATED, HURCN RELOCATED, TEPOC AND JAYMC REMOVED FROM PROCEDURE - ATC REQUESTED DESIGN CHANGES.

FIXES THEUU AND GNARL ADDED TO SMELLZ TRANSITION, BLAAK AND PYROS ADDED TO KPASA TRANSITION - ATC REQUESTED DESIGN CHANGE.

CHANGED KMIA DP ROUTE DESCRIPTION FROM "TAKEOFF RWY 08L: CLIMB ON HEADING 093.38 TO 520, THEN DIRECT CSALT, THEN ON TRACK 007.96 TO DEALZ, THEN ON TRACK 348.54 TO SOESO, THEN ON TRACK 297.69 TO NIBLT, THEN ON TRACK 342.00 FOR RADAR VECTORS TO CROSS JOENZ BETWEEN 11000 AND FL190, THENCE ..." TO READ "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 LIIVV, THEN ON TRACK 296.84 TO NIBLT, THEN ON TRACK 341.67 TO CROSS JOENZ AT 5000, THENCE ..." - ATC REQUESTED DESIGN CHANGE/PER FIX RELOCATIONS AND REPLACEMENTS.

CHANGED KMIA DP ROUTE DESCRIPTION FROM "TAKEOFF RWY 08R: CLIMB ON HEADING 093.38 TO 520, THEN DIRECT CSALT, THEN ON TRACK 007.96 TO DEALZ, THEN ON TRACK 348.54 TO SOESO, THEN ON TRACK 297.69 TO NIBLT, THEN ON TRACK 342.00 FOR RADAR VECTORS TO CROSS JOENZ BETWEEN 11000 AND FL190, THENCE ..." TO READ "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 LIIVV, THEN ON TRACK 296.84 TO NIBLT, THEN ON TRACK 341.67 TO CROSS JOENZ AT 5000, THENCE ..." - ATC REQUESTED DESIGN CHANGE/PER FIX RELOCATIONS AND REPLACEMENTS.

CHANGED KMIA DP ROUTE DESCRIPTION FROM "TAKEOFF RWY 09: CLIMB ON HEADING 093.37 TO INTERCEPT COURSE 083.38 TO CSALT, THEN ON TRACK 007.96 TO DEALZ, THEN ON TRACK 348.54 TO SOESO, THEN ON TRACK 297.69 TO NIBLT, THEN ON TRACK 342.00 FOR RADAR VECTORS TO CROSS JOENZ BETWEEN 11000 AND FL190, THENCE ..." TO READ "TAKEOFF RWY 09: CLIMB ON HEADING 092.37 TO INTERCEPT COURSE 081.61 TO CSALT, THEN ON TRACK 006.96 TO DEALZ, THEN ON TRACK 347.54 TO LIIVV, THEN ON TRACK 296.84 TO NIBLT, THEN ON TRACK 341.67 TO CROSS JOENZ AT 5000, THENCE ..." - ATC REQUESTED DESIGN CHANGE/PER FIX RELOCATIONS AND REPLACEMENTS.

QUALITY
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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>
HURCN	THREE	HURCN3.HURCN	TWO	01/27/2022	19 May 2022

CHANGED KMIA DP ROUTE DESCRIPTION FROM "TAKEOFF RWY 12: CLIMB ON HEADING 125.46 TO INTERCEPT COURSE 078.74 TO CSALT, THEN ON TRACK 007.96 TO DEALZ, THEN ON TRACK 348.54 TO SOESO, THEN ON TRACK 297.69 TO NIBLT, THEN ON TRACK 342.00 FOR RADAR VECTORS TO CROSS JOENZ BETWEEN 11000 AND FL190, THENCE ..." TO READ "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 LIIVV, THEN ON TRACK 296.84 TO NIBLT, THEN ON TRACK 341.67 TO CROSS JOENZ AT 5000, THENCE ... - ATC REQUESTED DESIGN CHANGE/PER FIX RELOCATIONS AND REPLACEMENTS.

CHANGED KMIA DP ROUTE DESCRIPTION FROM "TAKEOFF RWY 26L: CLIMB ON HEADING 273.39 TO INTERCEPT COURSE 284.03 TO KROCS, THEN ON TRACK 316.14 TO RUSSS, THEN ON TRACK 325.91 TO TEPOC, THEN ON TRACK 344.00 FOR RADAR VECTORS TO CROSS JOENZ BETWEEN 11000 AND FL190, THENCE ..." TO READ "TAKEOFF RWY 26L: CLIMB ON HEADING 272.39 TO INTERCEPT COURSE 283.03 TO KROCS, THEN ON TRACK 315.14 TO RUSSS, THEN ON TRACK 340.27 TO NIBLT, THEN ON TRACK 341.67 TO CROSS JOENZ AT 5000, THENCE ..." - ATC REQUESTED DESIGN CHANGE/PER FIX RELOCATIONS AND REPLACEMENTS.

CHANGED KMIA DP ROUTE DESCRIPTION FROM "TAKEOFF RWY 26R: CLIMB ON HEADING 273.39 TO INTERCEPT COURSE 283.42 TO KROCS, THEN ON TRACK 316.14 TO RUSSS, THEN ON TRACK 325.91 TO TEPOC, THEN ON TRACK 344.00 FOR RADAR VECTORS TO CROSS JOENZ BETWEEN 11000 AND FL190, THENCE ..." TO READ "TAKEOFF RWY 26R: CLIMB ON HEADING 272.39 TO INTERCEPT COURSE 282.42 TO KROCS, THEN ON TRACK 315.14 TO RUSSS, THEN ON TRACK 340.27 TO NIBLT, THEN ON TRACK 341.67 TO CROSS JOENZ AT 5000, THENCE ..." - ATC REQUESTED DESIGN CHANGE/PER FIX RELOCATIONS AND REPLACEMENTS.

CHANGED KMIA DP ROUTE DESCRIPTION FROM "TAKEOFF RWY 27: CLIMB ON HEADING 273.39 TO INTERCEPT COURSE 298.88 TO KROCS, THEN ON TRACK 316.14 TO RUSSS, THEN ON TRACK 325.91 TO TEPOC, THEN ON TRACK 344.00 FOR RADAR VECTORS TO CROSS JOENZ BETWEEN 11000 AND FL190, THENCE ..." TO READ "TAKEOFF RWY 27: CLIMB ON HEADING 272.39 TO INTERCEPT COURSE 297.88 TO KROCS, THEN ON TRACK 315.14 TO RUSSS, THEN ON TRACK 340.27 TO NIBLT, THEN ON TRACK 341.67 TO CROSS JOENZ AT 5000, THENCE ..." - ATC REQUESTED DESIGN CHANGE/PER FIX RELOCATIONS AND REPLACEMENTS.

CHANGED KMIA DP ROUTE DESCRIPTION FROM "TAKEOFF RWY 30: CLIMB ON HEADING 305.47 TO 520, THEN DIRECT WADLE, THEN ON TRACK 320.21 TO TEPOC, THEN ON TRACK 344.00 FOR RADAR VECTORS TO CROSS JOENZ BETWEEN 11000 AND FL190, THENCE..." TO READ "TAKEOFF RWY 30: CLIMB ON HEADING 304.47 TO 520, THEN DIRECT WADLE, THEN ON TRACK 335.01 TO NIBLT, THEN ON TRACK 341.67 TO CROSS JOENZ AT 5000, THENCE ..." - ATC REQUESTED DESIGN CHANGE/PER FIX RELOCATIONS AND REPLACEMENTS.

CHANGED "CHART MINIMUM CROSSING ALTITUDE AT JOENZ BETWEEN 11000 AND FL190" TO "CHART MANDATORY 5000 AT JOENZ" - ATC REQUEST.

CHANGED KMIA THENCE INSTRUCTIONS FROM: "...ON TRACK 318.97 TO CROSS HURCN AT OR ABOVE 16000, THEN ON TRANSITION. MAINTAIN ATC ASSIGNED ALTITUDE, EXPECT CLEARANCE TO FILED ALTITUDE WITHIN 10 MINUTES AFTER DEPARTURE" TO: "...ON TRACK 318.97 TO HURCN, THEN ON TRANSITION, MAINTAIN 5000, EXPECT CLEARANCE TO FILED ALTITUDE WITHIN 10 MINUTES AFTER DEPARTURE." - ATC REQUEST.

CHANGED KOPF/KHST/KTMB/KX51 THENCE INSTRUCTIONS FROM: "...ON TRACK 318.97 TO CROSS HURCN AT OR ABOVE 16000, THEN ON TRANSITION. MAINTAIN ATC ASSIGNED ALTITUDE, EXPECT CLEARANCE TO FILED ALTITUDE WITHIN 10 MINUTES AFTER DEPARTURE." TO READ "...ON TRACK 317.61 TO HURCN, THEN ON TRANSITION, MAINTAIN ATC ASSIGNED ALTITUDE, EXPECT CLEARANCE TO FILED ALTITUDE WITHIN 10 MINUTES AFTER DEPARTURE." - ATC REQUEST/16000 RESTRICTION REMOVED FROM HURCN.

3/29/22. THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 3/21/22.

1. COMMUNICATIONS BLOCK, ADDED "CHART:" PRIOR TO ALL AIRPORT COMMUNICATIONS.
2. KMIA DP ROUTE DESCRIPTION, RW08R, CHANGED FROM ...THEN DIRECT CSALT 4.88NM... TO READ ...THEN DIRECT CSALT...



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

DP NAME				NUMBER		DP COMPUTER CODE		SUPERSEDED NUMBER		DATED		ACTUAL EFFECTIVE DATE	
HURCN				THREE		HURCN3.HURCN		TWO		01/27/2022		19 May 2022	
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED		REMARKS			
MIAMI INTL													
RW08L (AER)	254810.43N/0801805.55W	N	-	-	-	-							
520 MSL	-	-	-	VA	087.38	-	AT/ABOVE 520	CG 500 FT/NM TO 520 FT, THEN MIN CLIMB OF 215 TO 1400					
CSALT	254823.36N/0800938.32W	Y	FB	DF	-	-							
DEALZ	255338.46N/0800926.38W	Y	FB	TF	001.96	5.24							
LIIVV	255917.91N/0801124.52W	Y	FB	TF	342.54	5.91							
NIBLT	260757.53N/0803526.06W	Y	FB	TF	291.84	23.30							
JOENZ	262410.48N/0804312.16W	Y	FB	TF	336.67	17.61	AT 5000						
RW08R (AER)	254802.52N/0801805.16W	N	-	-	-	-							
520 MSL	-	-	-	VA	087.38	-	AT/ABOVE 520	CG 500 FT/NM TO 520 FT, THEN MIN CLIMB OF 235 TO 1400					
CASLT	254823.36N/0800938.32W	Y	FB	DF	-	-							
DEALZ	255338.46N/0800926.38W	Y	FB	TF	001.96	5.24							
LIIVV	255917.91N/0801124.52W	Y	FB	TF	342.54	5.91							
NIBLT	260757.53N/0803526.06W	Y	FB	TF	291.84	23.30							
JOENZ	262410.48N/0804312.16W	Y	FB	TF	336.67	17.61	AT 5000						
RW09 (AER)*	254710.56N/0801838.57W	N	-	-	-	-	*DISPL THLD (1358.0 FT)						
-	254720.91N/0801427.71W	-	-	VI	087.37	3.78	CG 500 FT/NM TO 520 FT, THEN MIN CLIMB OF 240 TO 1400						
CSALT	254823.36N/0800938.32W	Y	FB	CF	076.61	4.47							
DEALZ	255338.46N/0800926.38W	Y	FB	TF	001.96	5.24							
LIIVV	255917.91N/0801124.52W	Y	FB	TF	342.54	5.91							

QUALITY

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QUALITY
22
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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>
HURCN		THREE		HURCN3.HURCN		TWO		01/27/2022	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>
NIBLT	260757.53N/0803526.06W	Y	FB	TF	291.84	23.30			
JOENZ	262410.48N/0804312.16W	Y	FB	TF	336.67	17.61	AT 5000		
RW12 (AER)	254757.43N/0801808.24W	N	-	-	-	-			
-	254641.53N/0801539.87W	-	-	VI	119.46	2.56			CG 500 FT/NM TO 520 FT, THEN MIN CLIMB OF 230 TO 1400
CSALT	254823.36N/0800938.32W	Y	FB	CF	072.74	5.70			
DEALZ	255338.46N/0800926.38W	Y	FB	TF	001.96	5.24			
LIIVV	255917.91N/0801124.52W	Y	FB	TF	342.54	5.91			
NIBLT	260757.53N/0803526.06W	Y	FB	TF	291.84	23.30			
JOENZ	262410.48N/0804312.16W	Y	FB	TF	336.67	17.61	AT 5000		
RW26L (AER)	254807.27N/0801610.33W	N	-	-	-	-			
-	254758.55N/0801940.67W	-	-	VI	267.39	3.17			CG 500 FT/NM TO 520 FT
KROCS	254828.48N/0802334.65W	Y	FB	CF	278.03	3.55			
RUSSS	255051.86N/0802642.60W	Y	FB	TF	310.14	3.70			
NIBLT	260757.53N/0803526.06W	Y	FB	TF	335.27	18.77			
JOENZ	262410.48N/0804312.16W	Y	FB	TF	336.67	17.61	AT 5000		
RW26R (AER)*	254814.32N/0801631.55W	N	-	-	-	-			
-	254805.01N/0802016.01W	-	-	VI	267.39	3.38			CG 500 FT/NM TO 520 FT
KROCS	254828.48N/0802334.65W	Y	FB	CF	277.42	3.01			
RUSSS	255051.86N/0802642.60W	Y	FB	TF	310.14	3.70			
NIBLT	260757.53N/0803526.06W	Y	FB	TF	335.27	18.77			
JOENZ	262410.48N/0804312.16W	Y	FB	TF	336.67	17.61	AT 5000		



<u>DP NAME</u>		<u>NUMBER</u>		<u>DP COMPUTER CODE</u>		<u>SUPERSEDED NUMBER</u>		<u>DATED</u>	<u>ACTUAL EFFECTIVE DATE</u>
HURCN		THREE		HURCN3.HURCN		TWO		01/27/2022	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>
RW27 (AER)*	254715.72N/0801634.02W	N	-	-	-	-			*DISPL THLD (261.0 FT)
-	254707.11N/0802001.74W	-	-	VI	267.39	3.13			CG 500 FT/NM TO 520 FT
KROCS	254828.48N/0802334.65W	Y	FB	CF	292.88	3.48			
RUSSS	255051.86N/0802642.60W	Y	FB	TF	310.14	3.70			
NIBLT	260757.53N/0803526.06W	Y	FB	TF	335.27	18.77			
JOENZ	262410.48N/0804312.16W	Y	FB	TF	336.67	17.61	AT 5000		
RW30 (AER)*	254716.43N/0801648.08W	N	-	-	-	-			*DISPL THLD (945.0 FT)
520 MSL	-	-	-	VA	299.47	-	AT/ABOVE 520		CG 500 FT/NM TO 520 FT
WADLE	255119.27N/0802447.66W	Y	FB	DF	-	-			
NIBLT	260757.53N/0803526.06W	Y	FB	TF	330.01	19.16			
JOENZ	262410.48N/0804312.16W	Y	FB	TF	336.67	17.61	AT 5000		
TRANSITIONS									
JOENZ	262410.48N/0804312.16W	Y	-	IF	-	-	AT 5000		
HURCN	263029.42N/0805050.22W	Y	FB	TF	312.61	9.31			
HURCN	263029.42N/0805050.22W	Y	-	IF	-	-			HURCN3.KPASA
BLAAK	270239.41N/0812011.80W	Y	FB	TF	320.78	41.46			
PYROS	272014.68N/0813122.59W	Y	FB	TF	330.43	20.17			
KPASA	281034.00N/0815427.00W	Y	FB	TF	337.90	54.20			
HURCN	263029.42N/0805050.22W	Y	-	IF	-	-			HURCN3.SMELZ
THEUU	270301.83N/0813030.60W	Y	FB	TF	312.57	48.10			



<u>DP NAME</u>		<u>NUMBER</u>		<u>DP COMPUTER CODE</u>		<u>SUPERSEDED NUMBER</u>		<u>DATED</u>	<u>ACTUAL EFFECTIVE DATE</u>
HURCN		THREE		HURCN3.HURCN		TWO		01/27/2022	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>
GNARL	272735.24N/0814816.18W	Y	FB	TF	327.19	29.16			
SMELZ	280459.00N/0820634.00W	Y	FB	TF	336.55	40.67			

