

**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SUPERSEDED NUMBER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	FOUR	HURCN4.HURCN	THREE	05/19/2022	
<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"/>

DP ROUTE DESCRIPTION:

MIAMI INTL:

TAKEOFF RWY 8L: 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 OR ABOVE 5000, THENCE ...
TAKEOFF RWY 8R: 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 OR ABOVE 5000, THENCE ...
TAKEOFF RWY 9: 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 OR ABOVE 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 OR ABOVE 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 OR ABOVE 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 OR ABOVE 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 OR ABOVE 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 OR ABOVE 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 055.33 OR AS ASSIGNED BY ATC FOR RADAR VECTORS TO CROSS JOENZ AT OR ABOVE 5000. THENCE...
TAKEOFF RWY 24: CLIMB ON HEADING 235.33 OR AS ASSIGNED BY ATC FOR RADAR VECTORS TO CROSS JOENZ AT OR ABOVE 5000. THENCE...

MIAMI EXEC:

TAKEOFF RWY 9L: CLIMB ON HEADING 093.31 OR AS ASSIGNED BY ATC FOR RADAR VECTORS TO CROSS JOENZ AT OR ABOVE 5000. THENCE...
TAKEOFF RWY 9R: CLIMB ON HEADING 093.31 OR AS ASSIGNED BY ATC FOR RADAR VECTORS TO CROSS JOENZ AT OR ABOVE 5000. THENCE...
TAKEOFF RWY 13: CLIMB ON HEADING 133.34 OR AS ASSIGNED BY ATC FOR RADAR VECTORS TO CROSS JOENZ AT OR ABOVE 5000. THENCE...
TAKEOFF RWY 27L: CLIMB ON HEADING 273.32 OR AS ASSIGNED BY ATC FOR RADAR VECTORS TO CROSS JOENZ AT OR ABOVE 5000. THENCE...
TAKEOFF RWY 27R: CLIMB ON HEADING 273.32 OR AS ASSIGNED BY ATC FOR RADAR VECTORS TO CROSS JOENZ AT OR ABOVE 5000. THENCE...
TAKEOFF RWY 31: CLIMB ON HEADING 313.35 OR AS ASSIGNED BY ATC FOR RADAR VECTORS TO CROSS JOENZ AT OR ABOVE 5000. THENCE...

MIAMI HOMESTEAD GENERAL AVIATION:

TAKEOFF RWY 10: CLIMB ON HEADING 095.69 OR AS ASSIGNED BY ATC FOR RADAR VECTORS TO CROSS JOENZ AT OR ABOVE 5000. THENCE...
TAKEOFF RWY 18: CLIMB ON HEADING 185.49 OR AS ASSIGNED BY ATC FOR RADAR VECTORS TO CROSS JOENZ AT OR ABOVE 5000. THENCE...
TAKEOFF RWY 28: CLIMB ON HEADING 275.69 OR AS ASSIGNED BY ATC FOR RADAR VECTORS TO CROSS JOENZ AT OR ABOVE 5000. THENCE...
TAKEOFF RWY 36: CLIMB ON HEADING 005.49 OR AS ASSIGNED BY ATC FOR RADAR VECTORS TO CROSS JOENZ AT OR ABOVE 5000. THENCE...

MIAMI-OPA LOCKA EXEC:

TAKEOFF RWY 9L: CLIMB ON HEADING 092.94 OR AS ASSIGNED BY ATC FOR RADAR VECTORS TO CROSS JOENZ AT OR ABOVE 5000. THENCE...
TAKEOFF RWY 9R: CLIMB ON HEADING 092.96 OR AS ASSIGNED BY ATC FOR RADAR VECTORS TO CROSS JOENZ AT OR ABOVE 5000. THENCE...

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HURCN	FOUR	HURCN4.HURCN	THREE	05/19/2022	

TAKEOFF RWY 12: CLIMB ON HEADING 127.84 OR AS ASSIGNED BY ATC FOR RADAR VECTORS TO CROSS JOENZ AT OR ABOVE 5000. THENCE...
 TAKEOFF RWY 27L: CLIMB ON HEADING 272.97 OR AS ASSIGNED BY ATC FOR RADAR VECTORS TO CROSS JOENZ AT OR ABOVE 5000. THENCE...
 TAKEOFF RWY 27R: CLIMB ON HEADING 272.95 OR AS ASSIGNED BY ATC FOR RADAR VECTORS TO CROSS JOENZ AT OR ABOVE 5000. THENCE...
 TAKEOFF RWY 30: CLIMB ON HEADING 307.84 OR AS ASSIGNED BY ATC FOR RADAR VECTORS TO CROSS JOENZ AT OR ABOVE 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	HURCN4.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	HURCN4.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	

PBN REQUIREMENT NOTES:

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

EQUIPMENT REQUIREMENT NOTES:

RADAR REQUIRED.

PROCEDURAL DATA NOTES:

NOTE: JET AIRCRAFT ONLY.

NOTE: ACCELERATE TO 250K UNTIL LEAVING 10000, IF UNABLE, ADVISE ATC.

TAKEOFF MINIMUMS:

MIAMI INTL:

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

HOMESTEAD ARB:

RWY 6: STANDARD WITH MINIMUM CLIMB OF 500 FT/NM TO 1800.
 RWY 24: STANDARD WITH MINIMUM CLIMB OF 500 FT/NM TO 2200.

MIAMI-OPA LOCKA EXEC:

RWY 27L, 30: STANDARD.

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

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



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HURCN	FOUR	HURCN4.HURCN	THREE	05/19/2022	

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

MIAMI EXEC:

RWY 9L: STANDARD WITH MINIMUM CLIMB OF 500 FT/NM TO 1300.
 RWY 9R: STANDARD WITH MINIMUM CLIMB OF 500 FT/NM TO 1500.
 RWY 13: STANDARD WITH MINIMUM CLIMB OF 500 FT/NM TO 1800.
 RWY 27L: STANDARD WITH MINIMUM CLIMB OF 500 FT/NM TO 1900.
 RWY 27R: STANDARD WITH MINIMUM CLIMB OF 500 FT/NM TO 1700.
 RWY 31: STANDARD WITH MINIMUM CLIMB OF 500 FT/NM TO 1400.

MIAMI HOMESTEAD GENERAL AVIATION:

RWY 10: STANDARD WITH MINIMUM CLIMB OF 500 FT/NM TO 2400.
 RWY 18: STANDARD WITH MINIMUM CLIMB OF 500 FT/NM TO 1800.
 RWY 28: STANDARD WITH MINIMUM CLIMB OF 500 FT/NM TO 1900.
 RWY 36: STANDARD WITH MINIMUM CLIMB OF 500 FT/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 253223.94N/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:

KMIA: MSA FROM KMIA, 2900
 KOPF: MSA FROM KOPF, 2900
 KTMB: MSA FROM KTMB, 2900
 KX51: MSA FROM KX51, 2900
 KHST: MSA FROM KHST, 2900

LOST COMMUNICATIONS PROCEDURES:

ADDITIONAL FLIGHT DATA:

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

MIAMI INTL - CHART: TOP ALTITUDE: 5000



HOMESTEAD ARB - CHART: TOP ALTITUDE: ASSIGNED BY ATC.
 MIAMI EXEC - CHART: TOP ALTITUDE: ASSIGNED BY ATC.
 MIAMI HOMESTEAD GENERAL AVIATION - CHART: TOP ALTITUDE: ASSIGNED BY ATC.
 MIAMI-OPA-LOCKA EXEC - CHART: TOP ALTITUDE: ASSIGNED BY ATC.
 DME/DME ASSESSMENT: SAT RNP 2.0.
 AIRPORT MV: MIA 5W/2000, HST 6W/2015, TMB 6W/2010, X51 6W/2010, OPF 6W/2010

<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

KMIA: CHART: ATIS, TOWER, GND CON, CLNC DEL, CPDLC.
KOPF: CHART: ATIS/ASOS, CLNC DEL, GND CON, TOWER.
KHST: CHART: ATIS, CTAF, CLNC DEL, GND CON, TOWER.
KX51: CHART: AWOS, CTAF.
KTMB: CHART: ATIS/ASOS, CLNC DEL, GND CON, TOWER.

REMARKS:
ABBREVIATED AMENDMENT
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

<u>APPROVED BY</u>	<u>SIGNATURE</u>	<i>Digitally signed by</i>	<u>OFFICE</u>	<u>DATE</u>	<u>TITLE</u>
CASIMIR L TABAKA	CASIMIR L TABAKA		AJV-A432		MANAGER
		Jan 29, 2024			

QUALITY
16
CHECKED

COORDINATED WITH:

A4A ALPA AOPA APA HAI NBAA OTHER:ZMA, MIA ATCT, EASTERN FPT

CHANGES - REASONS:

1. KMIA: DP ROUTE DESCRIPTION: ALL RUNWAYS: UPDATED FROM "CROSS JONEZ AT 5000" TO "AT OR ABOVE 5000" - ATC REQUEST.

2. KHST: DP ROUTE DESCRIPTION: ALL RUNWAYS: UPDATED FROM "CROSS JONEZ AT 5000" TO "AT OR ABOVE 5000" - ATC REQUEST.

3. KX51: DP ROUTE DESCRIPTION: ALL RUNWAYS: UPDATED FROM "CROSS JONEZ AT 5000" TO "AT OR ABOVE 5000" - ATC REQUEST.

4. KOPF: DP ROUTE DESCRIPTION: ALL RUNWAYS: UPDATED FROM "CROSS JONEZ AT 5000" TO "AT OR ABOVE 5000" - ATC REQUEST.

5. KTMB: DP ROUTE DESCRIPTION: ALL RUNWAYS: UPDATED FROM "CROSS JONEZ AT 5000" TO "AT OR ABOVE 5000" - ATC REQUEST.

6. PROCEDURAL DATA NOTE: UPDATED FROM "ACCELERATE TO 250 KIAS, IF UNABLE, ADVISE ATC" TO "ACCELERATE TO 250 KIAS UNTIL LEAVING 10000, IF UNABLE, ADVISE ATC" - ATC REQUEST.

7. ADDED MSA INFORMATION -8260.46J.

8. TAKEOFF MINIMUMS: ALL AIRPORTS AND RUNWAYS: UPDATED ALL FROM "FT PER NM" TO "FT/MN" - 8260.46J.

9. REMOVED "DEP CON" FROM ALL COMMUNICATIONS LINE - IAW 8260.46J

10. ADDED AIRPORT MAGVARS IN ADDITIONAL FLIGHT DATA - IAW MEMO 283.

11. UPDATED TOP ALTITUDE FORMAT - IAW 8260.46J

01/29/2024: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 01/23/2024.

1. CHANGED DP COMPUTER CODE FROM HURCH4.HURCN TO HURCN4.HURCN - ERRONEOUS COMPUTER CODE.



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

DP NAME				NUMBER		DP COMPUTER CODE		SUPERSEDED NUMBER		DATED		ACTUAL EFFECTIVE DATE	
HURCN				FOUR		HURCN4.HURCN		THREE		05/19/2022			
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS				
RW08L (AER)	254810.43N/0801805.55W	N	-		-	-							
520 MSL	-	-	-	VA	087.38	-	AT/ABOVE 520		CG 500 FT/NM TO 520 THEN MINIMUM CLIMB OF 215 FT/NM TO 1400				
CSALT	254823.36N/0800938.32W	Y	FB	DF	-	-							
DEALZ	255338.46N/0800926.38W	Y	FB	TF	001.96	05.24							
LIIVV	255917.91N/0801124.52W	Y	FB	TF	342.54	05.91							
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/ABOVE 5000						
RW08R (AER)	254802.52N/0801805.16W	N	-	-	-	-							
520 MSL	-	-	-	VA	087.38	-	AT/ABOVE 520		CG 500 FT/NM TO 520 THEN MINIMUM CLIMB OF 235 FT/NM TO 1400				
CSALT	254823.36N/0800938.32W	Y	FB	DF	-	-							
DEALZ	255338.46N/0800926.38W	Y	FB	TF	001.96	05.24							
LIIVV	255917.91N/0801124.52W	Y	FB	TF	342.54	05.91							
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/ABOVE 5000						
RW09 (AER)*	254710.56N/0801838.57W*	N	-	-	-	-			*DISPL THLD (1358.0 FT)				
-	254720.91N/0801427.71W	-	-	VI	087.37	03.78			CG 500 FT/NM TO 520 THEN MINIMUM CLIMB OF 240 FT/NM TO 1400				
CSALT	254823.36N/0800938.32W	Y	FB	CF	076.61	04.47							
DEALZ	255338.46N/0800926.38W	Y	FB	TF	001.96	05.24							
LIIVV	255917.91N/0801124.52W	Y	FB	TF	342.54	05.91							
NIBLT	260757.53N/0803526.06W	Y	FB	TF	291.84	23.30							

QUALITY

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<u>DP NAME</u> HURCN		<u>NUMBER</u> FOUR		<u>DP COMPUTER CODE</u> HURCN4.HURCN		<u>SUPERSEDED NUMBER</u> THREE		<u>DATED</u> 05/19/2022	<u>ACTUAL EFFECTIVE DATE</u>
<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>
JOENZ	262410.48N/0804312.16W	Y	FB	TF	336.67	17.61	AT/ABOVE 5000		
RW12 (AER)	254757.43N/0801808.24W	N	-	-	-	-			
-	254641.53N/0801539.87W	-	-	VI	119.46	02.56			CG 500 FT/NM TO 520 THEN MINIMUM CLIMB OF 230 FT/NM 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			
LIIVV	255917.91N/0801124.52W	Y	FB	TF	342.54	05.91			
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/ABOVE 5000		
RW26L (AER)	254807.27N/0801610.33W	N	-	-	-	-			
-	254758.55N/0801940.67W	-	-	VI	267.39	03.17			CG 500 FT/NM TO 520
KROCS	254828.48N/0802334.65W	Y	FB	CF	278.03	03.55			
RUSSS	255051.86N/0802642.60W	Y	FB	TF	310.14	03.70			
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/ABOVE 5000		
RW26R (AER)	254814.32N/0801631.55W	N	-	-	-	*			
-	254805.01N/0802016.01W	-	-	VI	267.39	03.38			CG 500 FT/NM TO 520
KROCS	254828.48N/0802334.65W	Y	FB	CF	277.42	03.01			
RUSSS	255051.86N/0802642.60W	Y	FB	TF	310.14	03.70			
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/ABOVE 5000		



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HURCN		FOUR		HURCN4.HURCN		THREE		05/19/2022	
<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	03.13			CG 500 FT/NM TO 520
KROCS	254828.48N/0802334.65W	Y	FB	CF	292.88	03.48			
RUSSS	255051.86N/0802642.60W	Y	FB	TF	310.14	03.70			
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/ABOVE 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
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/ABOVE 5000		
JOENZ	262410.48N/0804312.16W	Y	-	IF	-	-	AT/ABOVE 5000		
HURCN	263029.42N/0805050.22W	Y	FB	TF	312.61	09.31			
HURCN	263029.42N/0805050.22W	Y	-	IF	-	-			
BLAAK	270239.41N/0812011.80W	Y	FB	TF	320.78	41.46			HURCN4.KPASA
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	-	-			HURCN4.SMELZ
THEUU	270301.83N/0813030.60W	Y	FB	TF	312.57	48.10			



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HURCN		FOUR		HURCN4.HURCN		THREE		05/19/2022	
<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			

