

**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SUPERSEDED NUMBER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>
HURIC	FOUR	HURIC4.HURIC	THREE	05/24/2018	25 FEB 2021

<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:**

TAKEOFF RWYS 5L/R, 14, 23L/R, 32: CLIMB ON ASSIGNED HEADING FOR RADAR VECTORS TO CROSS STRMY AT OR ABOVE 2500, THENCE...

...ON TRACK 092.25 TO HURIC. TURBOJETS MAINTAIN 6000, PROPELLERS MAINTAIN ALTITUDE ASSIGNED BY ATC. EXPECT CLEARANCE TO FILED ALTITUDE WITHIN 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>
FEBEL	HURIC4.FEBEL	HURIC	FEBEL	TRACK 92.34	10.70	5000		

**PROCEDURAL DATA NOTES:**

- NOTE: RNAV 1.
- NOTE: DME/DME/IRU OR GPS REQUIRED.
- NOTE: RADAR REQUIRED.
- NOTE: IF UNABLE TO ACCEPT CLIMB RATE, ADVISE ATC ON INITIAL CONTACT.

**TAKEOFF MINIMUMS:**

- RWY 05L/R: STANDARD.
- RWY 14: STANDARD WITH MINIMUM CLIMB OF 310 FT PER NM TO 1000.
- RWY 23L: STANDARD WITH MINIMUM CLIMB OF 250 FT PER NM TO 2300.
- RWY 23R: STANDARD WITH MINIMUM CLIMB OF 240 FT PER NM TO 2100.
- RWY 32: 300-1.

**TAKEOFF OBSTACLES NOTES:**

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

**CONTROLLING OBSTACLES:**

- RWY 14: 578 FT MSL TREE 355132.06N/0784557.97W.
- RWY 23L, 23R: 2048 FT MSL TOWER (37-001064) 354251.00N/0784903.00W.
- RWY 32: 659 FT MSL CTRL TOWER 355251.83N/0784708.56W.

**LOST COMMUNICATIONS PROCEDURES:**

**ADDITIONAL FLIGHT DATA:**

- CHART: TOP ALTITUDE: (JETS) 6000/(PROPS) ASSIGNED BY ATC.
- REFERENCE MAG VAR: KRDU 9W EPOCH YEAR: 2020.
- DME/DME ASSESSMENT: SAT (RNP 2.0).
- CHART: MINIMUM CROSSING ALTITUDE AT STRMY 2500

**AIRPORTS SERVED:**

<u>AIRPORT NAME</u>	<u>AIRPORT ID</u>	<u>CITY</u>	<u>STATE</u>
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HURIC	FOUR	HURIC4.HURIC	THREE	05/24/2018	25 FEB 2021
RALEIGH-DURHAM INTL	KRDU		RALEIGH/DURHAM		NC

**COMMUNICATIONS:**

ATIS CLEARANCE DELIVERY, GROUND CONTROL, TOWER, DEPARTURE CONTROL: CPDLC

**FIXES AND/OR NAVAIDS:**

**REMARKS:**

THE ENVIRONMENTAL REVIEW UNDER ORDER 1050.1F AND THE NOISE SCREENING HAVE BEEN ACCOMPLISHED. APPROVAL LETTER ON FILE AUTHORIZING RWY 32 TAKEOFF MINIMUMS OF 300-1. THE 660 MSL CONTROL TOWER REQUIRES A CLIMB GRADIENT OF 813 FT PER NM WHICH WAS DISAPPROVED BY AFS.

**FLIGHT INSPECTED BY**

THOMAS CONKLIN

*Digitally signed by* **WARDELL HENNING** **OFFICE** **DATE**  
 FICO 3/2/2020  
 Mar 11, 2020

**DEVELOPED BY**

ANTHONY KACZKA

*Digitally signed by* **WARDELL HENNING** **OFFICE** **DATE**  
 AJV - A432 12/20/2019  
 Mar 11, 2020

**APPROVED BY**

LONNIE EVERHART

*Digitally signed by* **WARDELL HENNING** **OFFICE** **DATE** **TITLE**  
 Mar 11, 2020 AJV - A430 MANAGER

**REQUIRED EFFECTIVE DATE**

ROUTINE

**COORDINATED WITH:**

**A4A**  **ALPA**  **AOPA**  **APA**  **HAI**  **NBAA**  **OTHER:** ZDC, RDU ATCT, RDU APP CON, RDU AMGR.

**CHANGES - REASONS:**

- TYI VORTAC REMOVED FROM PROCEDURE - REMOVED GROUND-BASED NAVAIDS FROM PROCEDURE.
- TAR RIVER TRANSITION SHORTENED AND RENAMED FEBEL TRANSITION - REMOVED GROUND-BASED NAVAIDS FROM PROCEDURE.
- DEPARTURE ROUTE DESCRIPTION AMENDED - IAW 8260.46G, APP E.
- PNA REMOVED - NO LONGER APPLICABLE.
- JET TOP ALTITUDE CHANGED FROM 7000 TO 6000 - FACILITATE RNP APPROACHES.
- DELETE NOTE REGARDING TRANSPONDER CODE ASSIGNMENT - REDUCE CHART CLUTTER.
- MCA ADDED AT STRMY 2500 - ORDER 8260.46G, APPENDIX E.
- TOP ALTITUDE FOR PROPS CHANGED FROM 2000 TO ASSIGNED BY ATC - ATC REQUEST TO ACCOMMODATE MCA.
- DELETED TAKEOFF OBSTACLE NOTES AND ADDED STATEMENT "SEE FORM 8260-15A, TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)" - 8260.46G, APPENDIX D.



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>
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<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>
STRMY	355507.67N/0781911.10W	Y	FB	IF			AT/ABOVE 2500		
HURIC	355617.69N/0780657.34W	Y	FB	TF	083.25	10.00			
HURIC	355617.69N/0780657.34W	Y		IF				HURIC4.FEBEL	
FEBEL	355731.55N/0775352.23W	Y	FB	TF	083.34	10.70			

