

**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.  
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<u>DP NAME</u>	<u>NUMBER</u>	<u>DP COMPUTER CODE</u>	<u>SUPERSEDED NUMBER</u>	<u>DATED</u>	<u>EFFECTIVE DATE</u>
BLUE DEVIL	FIVE	BLUUE5.RDU	FOUR	08/03/2006	

<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 type="checkbox"/>

**DP ROUTE DESCRIPTION:**

DEPARTING RALEIGH-DURHAM INTL:

TAKEOFF RWY 5L, 5R: CLIMB HEADING 054.14 THENCE...

TAKEOFF RWY 14: CLIMB HEADING 144.15 TO 1400 THENCE...

TAKEOFF RWY 23L: CLIMB HEADING 234.15 TO 1900. THENCE...

TAKEOFF RWY 23R: CLIMB HEADING 234.16 TO 1800. THENCE...

TAKEOFF RWY 32: CLIMB HEADING 324.15. THENCE...

DEPARTING HORACE WILLIAMS: TAKEOFF RWY 9: CLIMB HEADING 089.87 TO 1400, THENCE... TAKEOFF RWY 27: CLIMB HEADING 269.87 TO 2400. THENCE...

DEPARTING PERSON COUNTY: TAKEOFF RWY 6: CLIMB HEADING 060.11, THENCE... TAKEOFF RWY 24: CLIMB HEADING 240.12. THENCE...

...OR AS ASSIGNED FOR VECTORS TO ASSIGNED TRANSITION. EXPECT CLEARANCE TO FILED ALTITUDE/FLIGHT LEVEL 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>
DANVILLE	BLUUE5.DAN	RDU VORTAC	JAYRR	295.00 (RDU R-295)	30.00	3000	3000	
		JAYRR	DAN VOR	009.25 (DAN R-189)	33.59	3000	3000	
GREENSBORO	BLUUE5.GSO	RDU VORTAC	JAYRR	295.00 (RDU R-295)	30.00	3000	3000	
		JAYRR	GSO VORTAC	277.11 (GSO R-097)	29.31	3000	3000	

**PROCEDURAL DATA NOTES:**

NOTE: RADAR REQUIRED.

NOTE: TURBOJETS NOT AUTHORIZED.

**TAKEOFF MINIMUMS:**

RALEIGH-DURHAM INTL: RWY 5L, 5R, 14, 23L, 23R STANDARD. RWY 32, 300-1.

HORACE WILLIAMS: RWY 9, 27 STANDARD

PERSON COUNTY: RWY 6, 24 STANDARD

**TAKEOFF OBSTACLES NOTES:**

RALEIGH-DURHAM INTL: NOTE: RWY 5L: TREES 3802 FT FROM DER, 1237 FT LEFT OF CENTERLINE, UP TO 77 FT AGL/506 FT MSL. TANK AND TREES BEGINNING 2011 FT FROM DER, 948 FT RIGHT OF CENTERLINE, UP TO 138 FT AGL/547 FT MSL. NOTE: RWY 5R: TREES 1436 FT FROM DER, 803 FT RIGHT OF CENTERLINE, UP TO 80 FT AGL/469 FT MSL. NOTE: RWY 14: TREES BEGINNING 2021 FT FROM DER, 510 FT LEFT OF CENTERLINE, UP TO 116 FT AGL/545 FT MSL. TREES BEGINNING 2467 FT FROM DER, 2 FT RIGHT OF CENTERLINE, UP TO 122 FT AGL/571 FT MSL. NOTE: RWY 23L: TREES 1495 FT FROM DER, 797 FT LEFT OF CENTERLINE, UP TO 58 FT AGL/447 FT MSL. LIGHT POLE 1457 FT FROM DER, 878 FT RIGHT OF CENTERLINE, 93 FT AGL/452 FT MSL. NOTE: RWY 32: LIGHT POLES BEGINNING 1170 FT FROM DER, 618 FT LEFT OF CENTERLINE, UP TO 55 FT AGL/486 FT MSL. HANGAR 1242 FT FROM DER, 753 FT RIGHT OF CENTERLINE, 34 FT AGL/473 FT MSL. CONTROL TOWER 2207 FT FROM DER, 910 FT RIGHT OF CENTERLINE, 231 FT AGL/660 FT MSL.

HORACE WILLIAMS: NOTE: RWY 9: TREES 1084 FT FROM DER, 250 FT LEFT OF CENTERLINE, 82 FT AGL/551 FT MSL. TREES 785 FT FROM DER, 401 FT RIGHT OF CENTERLINE, 56 FT AGL/520 FT MSL.



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BLUE DEVIL	FIVE	BLUUE5.RDU	FOUR	08/03/2006	

NOTE: RWY 27: TREES 200 FT FROM DER, 240 FT LEFT OF CENTERLINE, 43 FT AGL/542 FT MSL.

PERSON COUNTY: NOTE: RWY 6: TREES 1600 FT FROM DER, 200 FT RIGHT OF CENTERLINE, 100 FT AGL/729 FT MSL. NOTE: RWY 24: TREES 562 FT FROM DER, 577 FT LEFT OF CENTERLINE, 100 FT AGL/699 FT MSL.

**CONTROLLING OBSTACLES:**

RALEIGH-DURHAM INTL: RWY 5L: 547 FT MSL TANK 355354.92N/0784552.54W. RWY 5R: 469 FT MSL TREE 355249.37N/0784626.56W. RWY 14: 2049 FT MSL TOWER 354251.00N/0784903.00W. RWY 23L: 2049 FT MSL TOWER 354251.00N/0784903.00W. RWY 23R: 2049 FT MSL TOWER 354251.00N/0784903.00W. RWY 32: 660 FT MSL CONTROL TOWER 355251.94N/0784708.71W.

HORACE WILLIAMS: RWY 9: 2049 FT MSL TOWER 355200.00N/0791000.00W. RWY 27: 2049 FT MSL TOWER 355200.00N/0791000.00W.

PERSON COUNTY: RWY 6: 729 FT MSL TREES 361731.07N/0785818.81W. RWY 24: 699 FT MSL TREES 361638.57N/0785934.67W.

**LOST COMMUNICATIONS PROCEDURES:**

**ADDITIONAL FLIGHT DATA:**

CHART: ALL RALEIGH-DURHAM INTL RWYS.  
REFERENCE MAG VAR: KRDU 9W EPOCH YR: 2020.

**AIRPORTS SERVED:**

<u>AIRPORT NAME</u>	<u>CITY</u>	<u>STATE</u>
RALEIGH-DURHAM INTL (KRDU)	RALEIGH/DURHAM	NC
HORACE WILLIAMS (KIGX)	CHAPEL HILL	NC
PERSON COUNTY (KTDF)	ROXBORO	NC

**COMMUNICATIONS:**

ASOS, CLEARANCE DELIVERY, DEPARTURE CONTROL

**FIXES AND/OR NAVAIDS:**

**REMARKS:**

ABBREVIATED AMENDMENT

**FLIGHT INSPECTED BY:**

**OFFICE SYMBOL:**

**DATE:** Digitally signed by  
**ALLAN WILL**  
Mar 27, 2018

FLIGHT INSPECTION REVIEW NOT REQUIRED - PROCESSED IAW AIRCRAFT OPERATIONS GROUP (AJW-333) MEMO, DEC 22, 2017.

**DEVELOPED BY:** Digitally signed by  
**MIKE MELSEN**  
MIKE MELSEN  
Mar 23, 2018

**OFFICE SYMBOL:**

**DATE:**  
11/29/2017

**APPROVED BY:**

GEORGE DAVIS

**OFFICE SYMBOL:**

**DATE:** Digitally signed by  
**ALLAN WILL**  
Mar 27, 2018



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BLUE DEVIL	FIVE	BLUUE5.RDU	FOUR	08/03/2006	

**REQUIRED EFFECTIVE DATE:**

ROUTINE

**COORDINATED WITH:**

<u>A4A</u>	<u>ALPA</u>	<u>AOPA</u>	<u>APA</u>	<u>HAI</u>	<u>NBAA</u>
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

**OTHER:**

ZDC, RDU APP CON, AIRPORT MANAGER

**CHANGES - REASONS:**

1. ADDED 2 DEGREES TO ALL MAGNETIC COURSES - AIRPORT MAG VAR UPDATED FROM 7W/1985 TO 9W/2020.
2. REMARKS: ADDED ABBREVIATED AMENDMENT - PER 8260.46F DOCUMENTATION CRITERIA FOR ABBREVIATED AMENDMENT.
3. ADDITIONAL FLIGHT DATA: ADDED REFERENCE MAG VAR: KRDU 9W EPOCH YR: 2020.
4. CHANDED COURSE FROM RDU VORTAC TO JAYRR FROM 290 TO 295 MAGNETIC - RDU VORTAC MAG VAR UPDATED FROM 4W TO 9W.

03/23/2018: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 02/02/2018.

1. CHANGED FROM "DAN VORTAC" TO "DAN VOR" UNDER TRANSITION NAME TO FIX/NAVAID.

