

**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SUPERSEDED NUMBER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>EFFECTIVE DATE</u>
RALEIGH	EIGHT	RDU8.RDU	SEVEN	11/11/1993	

<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:

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

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

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

RWY 23R: CLIMB HEADING 234.15 TO 1800 THENCE...

RWY 32: CLIMB HEADING 324.16, THENCE...

...CLIMB ON ASSIGNED HEADING FOR RADAR VECTORS TO JOIN FILED ROUTE, JETS MAINTAIN 7,000, PROPS MAINTAIN 2,000. 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>
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PROCEDURAL DATA NOTES:

RADAR REQUIRED.

CHART NOT TO SCALE.

SPECIAL INSTRUCTIONS: FOR APPROPRIATE DEPARTURE CONTROL FREQUENCY USE FREQUENCY DEPICTED WITHIN SECTOR FOR ROUTE OF FLIGHT AFTER RDU.

TAKEOFF MINIMUMS:

RWY 5L/5R, 23L/23R: STANDARD.

RWY 14: 300-1 OR STANDARD WITH A MINIMUM CLIMB OF 310 FT PER NM TO 700.

RWY 32: 300-1.



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TAKEOFF OBSTACLES NOTES:

NOTE: RWY 05L, RWY LT 10 FT FROM DER, 5 FT RIGHT OF CENTERLINE, 2 FT AGL/410 FT MSL. RWY LT 10 FT FROM DER, 4 FT LEFT OF CENTERLINE, 2 FT AGL/410 FT MSL. TREE 1903 FT FROM DER, 986 FT RIGHT OF CENTERLINE, 467 FT MSL. TREE 1926 FT FROM DER, 1004 FT LEFT OF CENTERLINE, 483 FT MSL. TREES BEGINNING 2011 FT FROM DER, 912 FT RIGHT OF CENTERLINE, UP TO 476 FT MSL. TREE 2126 FT FROM DER, 1052 FT LEFT OF CENTERLINE, 489 FT MSL. TREES BEGINNING 3507 FT FROM DER, 1270 FT LEFT OF CENTERLINE, UP TO 519 FT MSL. TREE 3653 FT FROM DER, 1328 FT LEFT OF CENTERLINE, 524 FT MSL. TREES BEGINNING 3662 FT FROM DER, 1372 FT LEFT OF CENTERLINE, UP TO 536 FT MSL. WATER TWR, TANK, BEGINNING 4045 FT FROM DER, 1576 FT RIGHT OF CENTERLINE, UP TO 144 FT AGL/547 FT MSL. TREE 5171 FT FROM DER, 1749 FT LEFT OF CENTERLINE, 541 FT MSL.

NOTE: RWY 05R, RWY LT BEGINNING 1 FT FROM DER, 5 FT LEFT OF CENTERLINE, UP TO 1 FT AGL/432 FT MSL. RWY LT BEGINNING 1 FT FROM DER, 4 FT RIGHT OF CENTERLINE, UP TO 1 FT AGL/432 FT MSL. TREE 1215 FT FROM DER, 791 FT RIGHT OF CENTERLINE, 466 FT MSL. TREE 1350 FT FROM DER, 760 FT RIGHT OF CENTERLINE, 471 FT MSL. TREES BEGINNING 1480 FT FROM DER, 846 FT RIGHT OF CENTERLINE, UP TO 481 FT MSL.

NOTE: RWY 14, RWY LT 9 FT FROM DER, 29 FT RIGHT OF CENTERLINE, 2 FT AGL/427 FT MSL. RWY LT 10 FT FROM DER, 29 FT LEFT OF CENTERLINE, 2 FT AGL/427 FT MSL. TREES BEGINNING 1160 FT FROM DER, 757 FT RIGHT OF CENTERLINE, UP TO 499 FT MSL. TREES BEGINNING 1397 FT FROM DER, 856 FT LEFT OF CENTERLINE, UP TO 539 FT MSL. TREE 1489 FT FROM DER, 771 FT RIGHT OF CENTERLINE, 510 FT MSL. TREES BEGINNING 1601 FT FROM DER, 871 FT RIGHT OF CENTERLINE, UP TO 528 FT MSL. TREE 2033 FT FROM DER, 1044 FT LEFT OF CENTERLINE, 544 FT MSL. TREE 2130 FT FROM DER, 968 FT RIGHT OF CENTERLINE, 540 FT MSL. TREES BEGINNING 2271 FT FROM DER, 882 FT LEFT OF CENTERLINE, UP TO 546 FT MSL. TREE 2328 FT FROM DER, 1013 FT RIGHT OF CENTERLINE, 555 FT MSL. TREE 2484 FT FROM DER, 876 FT RIGHT OF CENTERLINE, 556 FT MSL. TREE 2560 FT FROM DER, 1101 FT RIGHT OF CENTERLINE, 563 FT MSL. TREE 2751 FT FROM DER, 1132 FT RIGHT OF CENTERLINE, 570 FT MSL. TREE 3693 FT FROM DER, 391 FT RIGHT OF CENTERLINE, 572 FT MSL. TREES BEGINNING 3913 FT FROM DER, 155 FT LEFT OF CENTERLINE, UP TO 568 FT MSL. TREE 4055 FT FROM DER, 657 FT RIGHT OF CENTERLINE, 578 FT MSL. TREE 4118 FT FROM DER, 657 FT RIGHT OF CENTERLINE, 578 FT MSL.

NOTE: RWY 23L, RWY LT 1 FT FROM DER, 5 FT LEFT OF CENTERLINE, 1 FT AGL/399 FT MSL. RWY LT 2 FT FROM DER, 5 FT RIGHT OF CENTERLINE, 1 FT AGL/399 FT MSL. BUSH 18 FT FROM DER, 259 FT LEFT OF CENTERLINE, 400 FT MSL. TREE 1029 FT FROM DER, 757 FT LEFT OF CENTERLINE, 431 FT MSL. TREE 1361 FT FROM DER, 793 FT LEFT OF CENTERLINE, 433 FT MSL. TREE 1372 FT FROM DER, 862 FT LEFT OF CENTERLINE, 439 FT MSL. POLE 1457 FT FROM DER, 878 FT RIGHT OF CENTERLINE, 105 FT AGL/452 FT MSL. TREES BEGINNING 1469 FT FROM DER, 817 FT LEFT OF CENTERLINE, UP TO 451 FT MSL.

NOTE: RWY 23R, RWY LT 10 FT FROM DER, 4 FT RIGHT OF CENTERLINE, 1 FT AGL/368 FT MSL. RWY LT 10 FT FROM DER, 4 FT LEFT OF CENTERLINE, 1 FT AGL/368 FT MSL.

NOTE: RWY 32, RWY LT 9 FT FROM DER, 29 FT LEFT OF CENTERLINE, 2 FT AGL/433 FT MSL. RWY LT 10 FT FROM DER, 29 FT RIGHT OF CENTERLINE, 2 FT AGL/433 FT MSL. POLE 1170 FT FROM DER, 618 FT LEFT OF CENTERLINE, 55 FT AGL/485 FT MSL. POLE BEGINNING 1186 FT FROM DER, 626 FT LEFT OF CENTERLINE, UP TO 54 FT AGL/486 FT MSL. BLDG 1242 FT FROM DER, 753 FT RIGHT OF CENTERLINE, 38 FT AGL/473 FT MSL. CTRL TWR 2376 FT FROM DER, 898 FT RIGHT OF CENTERLINE, 231 FT AGL/659 FT MSL.

CONTROLLING OBSTACLES:

RWY 14: 578 FT MSL TREE 355132.06N-0784557.97W (CG/CEILING/VIS), 2048 MSL TOWER 354251.00N-0784903.00W (CTA)

RWY 23L/23R: 2048 MSL TOWER 354251.00N-0784903.00W (CTA).

RWY 32: 659 FT MSL CTRL TOWER 355251.83N-0784708.56W (CEILING/VIS).

LOST COMMUNICATIONS PROCEDURES:

ADDITIONAL FLIGHT DATA:

CHART TOP ALTITUDE: (JETS) 7000/(PROPS) 2000.

DIVIDE SECTORS WITH A DASHED LINE PARALLEL TO AND WEST OF RALEIGH-DURHAM RWY 5L/23R.



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AIRPORTS SERVED:

<u>AIRPORT NAME</u>	<u>CITY</u>	<u>STATE</u>
RALEIGH-DURHAM INTL	RALEIGH	NC

COMMUNICATIONS:

ATIS, ASOS, CLEARANCE DELIVERY, DEPARTURE CONTROL, NORTH DEPARTURE, SOUTH DEPARTURE.

FIXES AND/OR NAVAIDS:

FAK VORTAC, SBV VORTAC, GSO VORTAC, LIB VORTAC, TYI VORTAC, SDZ VORTAC, FAY VOR/DME, ILM VORTAC, ROZBO INTERSECTION, DAN VOR.

REMARKS:

CHART NOTE: ROZBO DEPARTURES EXPECT VECTORS TO RDU R-176.
USE OF CEILING AND VISIBILITY ONLY FOR RWY 32 HAS APPROVAL LETTER ON FILE.

FLIGHT INSPECTED BY:

OFFICE SYMBOL: **DATE:**

DEVELOPED BY:

JACOB POWERS (IVAN BLANCO)

OFFICE SYMBOL: **DATE:**
AJV-5432 02/13/2017

APPROVED BY:

PAT MULQUEEN

OFFICE SYMBOL: **DATE:**
AJV-5430

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 checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

OTHER:

ZDC, RDU DEP CON, AMGR

CHANGES - REASONS:

1. CHANGED RWY 14 TAKEOFF MINIMUMS FROM: STANDARD TO: 300-1 OR STANDARD WITH A MINIMUM CLIMB OF 310 FT PER NM TO 700 - UPDATED OBS 578 MSL TREE 355132.06N-0784557.97W PENETRATES OIS.
2. DELETED FRANKLIN AND LAWRENCEVILLE VORTACS FROM NAVAIDS - FACILITY DECOMMISSIONING.
3. UPDATED TAKEOFF OBSTACLE NOTES FOR ALL RWYS - DATABASE CHANGES/UPDATES.
4. ADDED TOP ALTITUDE CHART NOTE: (JETS) 7000/(PROPS) 2000 - IN ACCORDANCE WITH 8260.46F.
5. ADDED ROZBO INTERSECTION AND DAN VOR TO FIXES AND/OR NAVAIDS - REQUESTED BY ATC.
6. ADDED CHART NOTES FOR ROZBO DEPARTURES - PER ATC REQUEST.
7. AMENDED DP ROUTE DESCRIPTION - FOR ARPT MAG VAR ROTATION AND TO COMPLY WITH CURRENT 8260.46F FORMAT: RWY 5L/5R, CHANGED FROM: CLIMB HEADING 052.14, THENCE... TO CLIMB HEADING 054.14 THENCE...



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RWY 14, CHANGED FROM: CLIMB HEADING 142.15 TO 1400, THENCE... TO: CLIMB HEADING 144.15 TO 1400, THENCE...					
RWY 23L, CHANGED FROM: CLIMB HEADING 232.15 TO 1900 THENCE... TO: CLIMB HEADING 234.15 TO 1900, THENCE...					
RWY 23R, CHANGED FROM: CLIMB HEADING 232.16 TO 1800 THENCE... TO: CLIMB HEADING 234.15 TO 1800, THENCE...					
RWY 32, CHANGED FROM: CLIMB HEADING 322.15, THENCE... TO: CLIMB HEADING 324.16, THENCE...					
COMMON PORTION CHANGED FROM: ...OR AS ASSIGNED TO JOIN FILED ROUTE... TO: ...CLIMB ON ASSIGNED HEADING FOR RADAR VECTORS, JETS MAINTAIN 7,000, PROPS MAINTAIN 2,000...					

