

**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SUPERSEDED NUMBER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> |
|----------------|---------------|-------------------------|--------------------------|--------------|------------------------------|
| RALEIGH | ONE | RDU1.RDU | NINE | 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 type="checkbox"/> |

DP ROUTE DESCRIPTION:

RWY 5L: CLIMB ON HEADING 054.15 OR AS ASSIGNED BY ATC, THENCE ...
 RWY 5R: CLIMB ON HEADING 054.15 OR AS ASSIGNED BY ATC, THENCE ...
 RWY 14: CLIMB ON HEADING 144.15 OR AS ASSIGNED BY ATC, THENCE ...
 RWY 23L: CLIMB ON HEADING 234.15 OR AS ASSIGNED BY ATC, THENCE ...
 RWY 23R: CLIMB ON HEADING 234.15 OR AS ASSIGNED BY ATC, THENCE ...
 RWY 32: CLIMB ON HEADING 324.15 OR AS ASSIGNED BY ATC, THENCE ...

...EXPECT RADAR VECTORS TO INTERCEPT FILED/ASSIGNED TRANSITION OR ENROUTE FIX/NAVAID/AIRWAY. MAINTAIN ALTITUDE ASSIGNED BY ATC, EXPECT CLEARANCE TO FILED ALTITUDE/FLIGHT LEVEL 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> |
|------------------------|---------------------------------|------------------------|----------------------|-----------------------|-----------------|------------|-------------|--------------------------------|
| FAYETTEVILLE | RDU1.FAY | RDU | EVIGY | 214.98 (RDU R-215) | 16.36 | 3200 | | |
| | | EVIGY | FAY | 180.01 (FAY R-000.01) | 38.52 | 3200 | | |
| GREENSBORO | RDU1.GSO | RDU | JAYRR | 295.00 (RDU R-295) | 30.00 | 3200 | | |
| | | JAYRR | GSO | 277.11 (GSO R- 097) | 29.31 | 3200 | | |
| ROZBO | RDU1.ROZBO | RDU | ROZBO | 181.00 (RDU R-181) | 55.40 | 5000 | 3100 | |

PROCEDURAL DATA NOTES:

CHART NOTE: RADAR REQUIRED.
 CHART NOTE: PROPELLER AIRCRAFT ONLY.
 SPECIAL INSTRUCTIONS: FOR APPROPRIATE DEPARTURE CONTROL FREQUENCY USE FREQUENCY DEPICTED WITHIN SECTOR FOR ROUTE OF FLIGHT AFTER RDU VORTAC.

TAKEOFF MINIMUMS:

RWY 5L/5R: STANDARD
 RWY 23L: STANDARD WITH A MINIMUM CLIMB OF 250 FT PER NM TO 2300.
 RWY 23R: STANDARD WITH A MINIMUM CLIMB OF 240 FT PER NM TO 2100.
 RWY 14: STANDARD WITH A MINIMUM CLIMB OF 310 FT PER NM TO 1100.
 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 (CG), 2048 FT MSL TOWER 354251.00N-0784903.00W (CTA)



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RWY 23L/23R: 2048 FT MSL TOWER 354251.00N-0784903.00W
 RWY 32: 659 FT MSL CTRL TOWER 355252.00N-0784709.00W

LOST COMMUNICATIONS PROCEDURES:

ADDITIONAL FLIGHT DATA:

CHART TOP ALTITUDE:AS ASSIGNED BY ATC.
 DIVIDE SECTORS WITH A DASHED LINE PARALLEL TO AND IN BETWEEN RALEIGH-DURHAM RWYS 5L/23R AND 5R/23L.

AIRPORTS SERVED:

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

COMMUNICATIONS:

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

FIXES AND/OR NAVAIDS:

FAK VORTAC, SBV VORTAC, LIB VORTAC, TYI VORTAC, ILM VORTAC, SDZ VORTAC

REMARKS:

USE OF CEILING AND VISIBILITY ONLY FOR RWY 32 HAS APPROVAL LETTER ON FILE.

FLIGHT INSPECTED BY

| | | | |
|-------------|--|------------------------------|---------------------------------|
| JOHN KEARBY | <i>Digitally signed by</i> DONALD H LANIER Mar 06, 2020 | <u>OFFICE</u> FICO | <u>DATE</u> 2/20/2020 |
|-------------|--|------------------------------|---------------------------------|

DEVELOPED BY

| | | | |
|--------------|---|----------------------------------|----------------------------------|
| LIAM DONAHUE | <i>Digitally signed by</i> LIAM DONAHUE Jan 14, 2020 | <u>OFFICE</u> AJV-A431 | <u>DATE</u> 12/17/2019 |
|--------------|---|----------------------------------|----------------------------------|

APPROVED BY

| | | | | |
|--------------|--|----------------------------------|--------------------|--------------------------------|
| GEORGE DAVIS | <i>Digitally signed by</i> DONALD H LANIER Mar 06, 2020 | <u>OFFICE</u> AJV-A430 | <u>DATE</u> | <u>TITLE</u> MANAGER |
|--------------|--|----------------------------------|--------------------|--------------------------------|

REQUIRED EFFECTIVE DATE

ROUTINE

COORDINATED WITH:

A4A ALPA AOPA APA HAI NBAA OTHER:ZDU, RDU DEP CON, AMGR

CHANGES - REASONS:

- ADDED "OR AS ASSIGNED BY ATC" TO ALL RUNWAY DP ROUTE DESCRIPTIONS. - ATC REQUEST.
- CHANGED "...OR AS ASSIGNED FOR RADAR VECTORS TO JOIN FILED ROUTE, JETS MAINTAIN 7000, PROPS MAINTAIN 2000, EXPECT CLEARANCE TO FILED ALTITUDE/FLIGHT LEVEL TEN MINUTES AFTER DEPARTURE " TO "...EXPECT RADAR VECTORS TO INTERCEPT FILED/ASSIGNED TRANSITION OR ENROUTE FIX/NAVAID/AIRWAY. MAINTAIN ALTITUDE ASSIGNED BY ATC, EXPECT CLEARANCE TO FILED ALTITUDE/FLIGHT LEVEL 10 MINUTES AFTER DEPARTURE." - PROCEDURE HAS TRANSITIONS ADDED AND IS FOR PROPELLER AIRCRAFT ONLY.
- ADDED FAYETTEVILLE, GREENSBORO, AND ROZBO TRANSITIONS. - ATC REQUEST.
- DELETED CHART NOTE: ROZBO DEPARTURES EXPECT RADAR VECTORS TO RDU R-181. - ROZBO IS NOW A TRANSITION.
- ADDED "PROPELLER AIRCARFT ONLY" TO PROCEDURAL DATA NOTES. - ATC REQUEST.
- CHANGED TOP ALTITUDE FROM (JETS) 7000/(PROPS) 2000 TO AS ASSIGNED BY ATC. - ATC REQUEST AND PROCEDURE IS NOW PROPELLER AIRCRAFT ONLY.
- DELETED GSO VORTAC, FAY VORTAC , DAN VOR AND ROZBO INTERSECTION FROM FIXES AND/OR NAVAIDS. - GSO VORTAC, FAY VORTAC AND ROZBO INTERSECTION ARE NOW TRANSITIONS AND DAN VOR IS SCHEDULED TO BE DECOMMISSIONED.
- DELETED ABBREVIATED AMENDMENT STATEMENT FROM REMARKS. - FULL AMENDMENT.



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9. CHANGED CLIMB HEADING TO CLIMB ON HEADING FOR ALL DP ROUTE DESCRIPTIONS. - FAAO 8260.46G PARAGRAPH 1-1-5A(3).

10. CHANGED CLIMB GRADIENT TERMINATION ALTITUDES IN TAKEOFF MINIMUMS FOR RWY 23L FROM 2700 TO 2300, RWY 23R FROM 2700 TO 2100 AND RWY 14 FROM 1500 TO 1100. - OLD TERMINATION ALTITUDES WERE UNNECESSARILY HIGH.

11. DELETED CEILING /VIS NOTATION FROM RWY 14 CONTROLLING OBSTACLE. - CEILING AND VIS DO NOT APPLY.

12. DELETED CTA NOTATION FORM RWYS 23L/R CONTROLLING OBSTACLE. - NOT REQUIRED WHEN THERE IS ONLY ONE CONTROLLING OBSTACLE.

13. UPDATED RWY 32 CONTROLLING OBSTACLE COORDINATES AND DELETED CEILING AND VIS NOTATION. - MATCH CURRENT OBSTACLE DATABASE AND NOT REQUIRED WHEN THERE IS ONLY ONE CONTROLLING OBSTACLE.

