

**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SUPERSEDED NUMBER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>
ROZBO	THREE	ROZBO3.ROZBO	TWO	01/08/2015	
<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 RWY 05L, 05R: CLIMB HEADING 054.14 OR AS ASSIGNED BY ATC, EXPECT RADAR VECTORS TO EAGER THEN ON TRACK 182.30 TO ROZBO, THENCE...
TAKEOFF RWY 14: CLIMB HEADING 144.15 OR AS ASSIGNED BY ATC, EXPECT RADAR VECTORS TO EAGER THEN ON TRACK 182.30 TO ROZBO, THENCE...
TAKEOFF RWY 23L: CLIMB HEADING 234.15 OR AS ASSIGNED BY ATC, EXPECT RADAR VECTORS TO EAGER THEN ON TRACK 182.30 TO ROZBO, THENCE...
TAKEOFF RWY 23R: CLIMB HEADING 234.16 OR AS ASSIGNED BY ATC, EXPECT RADAR VECTORS TO EAGER THEN ON TRACK 182.30 TO ROZBO, THENCE...
TAKEOFF RWY 32: CLIMB HEADING 324.15 OR AS ASSIGNED BY ATC, EXPECT RADAR VECTORS TO EAGER THEN ON TRACK 182.30 TO ROZBO, THENCE...

...ON ASSIGNED TRANSITION, TURBOJETS MAINTAIN 7000, PROPELLERS MAINTAIN 2000. 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>
CHARLESTON	ROZBO3.CHS	ROZBO	CHS VORTAC	TRACK 219.09	142.18	FL180		
CAROLINA BEACH	ROZBO3.CLB	ROZBO	CLB NDB	TRACK 155.87	60.69	12000	2400	
WILMINGTON	ROZBO3.ILM	ROZBO	ILM VORTAC	TRACK 142.99	51.97	12000	1700	

PROCEDURAL DATA NOTES:

NOTE: TRANSPONDER CODE WILL BE ASSIGNED VIA PDC OR RALEIGH CLEARANCE DELIVERY.
NOTE: IF UNABLE TO ACCEPT CLIMB RATE, ADVISE ATC ON INITIAL CONTACT.
NOTE: RNAV 1.
NOTE: DME/DME/IRU OR GPS REQUIRED.
NOTE: RADAR REQUIRED.

TAKEOFF MINIMUMS:

RWY 05L, 05R, 14, 23R STANDARD WITH MINIMUM CLIMB OF 500 FT PER NM TO 940.
RWY 23L STANDARD WITH MINIMUM CLIMB OF 500 FT PER NM TO 1100.
RWY 32 300-1 WITH MINIMUM CLIMB OF 500 FT PER NM TO 940.

TAKEOFF OBSTACLES NOTES:

NOTE: RWY 05L: TREES BEGINNING 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 05R: TREES BEGINNING 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 BEGINNING 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.

CONTROLLING OBSTACLES:

RWY 14, 23L, 23R, 2049 FT MSL TOWER (37-001064) 354251.00N/0784903.00W.
RWY 32, 660 FT MSL CONTROL TOWER (37-001244) 355252.00N/0784709.00W.

QUALITY
3
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ROZBO	THREE	ROZBO3.ROZBO	TWO	01/08/2015	

LOST COMMUNICATIONS PROCEDURES:

ADDITIONAL FLIGHT DATA:

CHART: TOP ALTITUDE: (JETS) 7000/(PROPS) 2000.
REFERENCE MAG VAR: KRDU 9W EPOCH YEAR: 2020.
DME/DME ASSESSMENT: SAT (RNP 2.0).

CHART MEA/MOCA FROM EAGER TO ROZBO 10800/2000.

PILOT NAVIGATION AREA:

7NM ARC CENTERED ON EAGER (IF), CW
FROM: POINT A (BEARING 137.30 TO EAGER)
TO: POINT B (BEARING 227.30 TO EAGER)
MINIMUM ALTITUDE - 4000

AIRPORTS SERVED:

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

COMMUNICATIONS:

ATIS, CLEARANCE DELIVERY, GROUND CONTROL, TOWER, DEPARTURE CONTROL: 125.3/353.675

FIXES AND/OR NAVAIDS:

REMARKS:

CAROLINA BEACH MOCA OBS 2055 MSL TOWER (37-000460) 343441.00N/0782630.00W LOCATED 4245.76 FT INTO SECONDARY AREA.
ABBREVIATED AMENDMENT.

FLIGHT INSPECTED BY:

FLIGHT INSPECTION REVIEW NOT REQUIRED - PROCESSED IAW FLIGHT INSPECTION TEAM (AJW-333) MEMO, MAY 30, 2017.

DEVELOPED BY: *Digitally signed by*

MIKE MELSEN **MIKE MELSEN**
Dec 30, 2017

APPROVED BY:

GEORGE DAVIS

REQUIRED EFFECTIVE DATE:

ROUTINE

OFFICE SYMBOL:

OFFICE SYMBOL:

OFFICE SYMBOL:

DATE:

Digitally signed by

ALLAN WILL

Feb 02, 2018

DATE:

12/10/2017

Digitally signed by

DATE: ALLAN WILL

Feb 02, 2018

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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 ATCT, RDU APP CON, RDU AMGR.

CHANGES - REASONS:

1. AMENDED REFERENCE MAG VAR FROM KRDU 7W/1985 TO KRDU 9W/2020 - MATCH AIRNAV DATA FOR AIRPORT.
2. INCREASED MAGNETIC HEADINGS BY 2 DEGREES - COMPUTED USING UPDATED KRDU REFERENCE MAG VAR.
3. ADDITIONAL FLIGHT DATA: ADDED REFERENCE MAG VAR: KRDU 9W EPOCH YR: 2020 - PER 8260.46F DOCUMENTATION CRITERIA.
4. REMARKS: ADDED ABBREVIATED AMENDMENT - PER 8260.46F DOCUMENTATION CRITERIA.

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**FEDERAL AVIATION ADMINISTRATION
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DEPARTURE (DATA RECORD)**

DP NAME		NUMBER	DP COMPUTER CODE	SUPERSEDED NUMBER	DATED	EFFECTIVE DATE			
ROZBO		THREE	ROZBO3.ROZBO	TWO	01/08/2015				
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
RW05L (AER)	355228.02N/0784807.07W	N	-	-	-	-			CG 500 FT/NM TO 940
		-	-	VM	045.14	-			
EAGER	353053.13N/0784223.77W	Y	FB	DF	-	-			
RW05R (AER)	355152.67N/0784750.42W	N	-	-	-	-			CG 500 FT/NM TO 940
		-	-	VM	045.14	-			
EAGER	353053.13N/0784223.77W	Y	FB	DF	-	-			
RW14 (AER)	355230.11N/0784657.64W	N	-	-	-	-			CG 500 FT/NM TO 940
		-	-	VM	135.15	-			
EAGER	353053.13N/0784223.77W	Y	FB	DF	-	-			
RW23L (AER)	355244.98N/0784645.82W	N	-	-	-	-			CG 500 FT/NM TO 1100
		-	-	VM	225.15	-			
EAGER	353053.13N/0784223.77W	Y	FB	DF	-	-			
RW23R (AER)	355337.76N/0784640.92W	N	-	-	-	-			CG 500 FT/NM TO 940
		-	-	VM	225.16	-			
EAGER	353053.13N/0784223.77W	Y	FB	DF	-	-			
RW32 (AER)	355205.08N/0784627.05W	N	-	-	-	-			CG 500 FT/NM TO 940
		-	-	VM	315.15	-			

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ROZBO		THREE		ROZBO3.ROZBO		TWO		01/08/2015	
<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>
EAGER	353053.13N/0784223.77W	Y	FB	DF	-	-			
EAGER	353053.13N/0784223.77W	Y	FB	IF	-	-			
ROZBO	345723.78N/0783737.22W	Y	FB	TF	173.30	33.66			
ROZBO	345723.78N/0783737.22W	Y	-	IF	-	-			ROZBO3.CHS
CHS VORTAC	325339.55N/0800216.13W	Y	FB	TF	210.09	142.18			
ROZBO	345723.78N/0783737.22W	Y	-	IF	-	-			ROZBO3.CLB
CLB NDB	340622.62N/0775740.96W	Y	FB	TF	146.87	60.69			
ROZBO	345723.78N/0783737.22W	Y	-	IF	-	-			ROZBO3.ILM
ILM VORTAC	342105.96N/0775227.76W	Y	FB	TF	133.99	51.97			

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