

**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SUPERSEDED NUMBER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>
QUAKER	FIVE	QUAK5.GSO	FOUR	07/21/2016	05/24/2018
<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:**PIEDMONT TRIAD INTL:****RWY 5R:** CLIMB HEADING 053.99, THENCE...**RWY 5L:** CLIMB HEADING 053.98, THENCE...**RWY 14:** CLIMB HEADING 143.15, THENCE...**RWY 23L:** CLIMB HEADING 234.00, THENCE...**RWY 23R:** CLIMB HEADING 233.99, THENCE...**RWY 32:** CLIMB HEADING 323.16, THENCE...

...MAINTAIN ALTITUDE ASSIGNED BY ATC. RADAR VECTORS WILL BE PROVIDED TO INTERCEPT ASSIGNED RADIAL ASSOCIATED WITH THE ISSUED TRANSITION, OR IF NO TRANSITION ASSIGNED, RADAR VECTORS WILL BE PROVIDED TO THE APPROPRIATE FIX. EXPECT REQUESTED ALTITUDE/FLIGHT LEVEL 10 MINUTES AFTER DEPARTURE.

SMITH REYNOLDS:**RWY 4:** CLIMB HEADING 037.73, THENCE...**RWY 15:** CLIMB HEADING 151.62, THENCE...**RWY 22:** CLIMB HEADING 217.73, THENCE...**RWY 33:** CLIMB HEADING 331.63, THENCE...

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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>
RICHMOND	QUAK5.RIC	GSO VORTAC	JEANY	058.00 (GSO R-058)	37.76	6000	2600	
		JEANY	CREWE	057.93 & 065.52 (GSO R-058 & RIC R-246)	65.49	6000	2400	
		CREWE	RIC VORTAC	065.52 (RIC R-246)	51.70	6000	2700	
LYNCHBURG	QUAK5.LYH	GSO VORTAC	JEANY	058.00 (GSO R-058)	37.76	6000	2600	
		JEANY	LYH VORTAC	010.51 (LYH R-191)	51.12	6000	2600	
ROANOKE	QUAK5.ROA	GSO VORTAC	JEANY	058.00 (GSO R-058)	37.76	6000	2600	
		JEANY	ROA VOR/DME	331.67 (ROA R-152)	66.36	6000	2600	
SOUTH BOSTON	QUAK5.SBV	GSO VORTAC	JEANY	058.00 (GSO R-058)	37.76	6000	2600	

QUALITY
8
CHECKED

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QUAKER		FIVE	QUAK5.GSO	FOUR		07/21/2016	05/24/2018
JEANY		SBV VORTAC	049.16 (SBV R-229)	22.48	6000	2600	
RALEIGH/DURHAM	QUAK5.RDU	GSO VORTAC	JEANY	058.00 (GSO R-058)	37.76	6000	2600
JEANY		RDU VORTAC	149.00 (RDU R-329)	41.78	6000	2300	

PROCEDURAL DATA NOTES:

NOTE: RADAR REQUIRED.

NOTE: RICHMOND TRANSITION REQUIRES DME.

TAKEOFF MINIMUMS:

PIEDMONT TRIAD INTL

RWY 5L, 5R, 12, 23L, 23R, 32: STANDARD.

SMITH REYNOLDS

RWY 4, 15, 33: STANDARD. RWY 22, 500-2 3/4 OR STANDARD WITH MINIMUM CLIMB OF 330 FT PER NM TO 1600.

TAKEOFF OBSTACLES NOTES:

PIEDMONT TRIAD INTL

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

SMITH REYNOLDS

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

CONTROLLING OBSTACLES:

SMITH REYNOLDS

1138 FT MSL ANTENNA 360715.15N/0801402.23W. 1395 FT MSL TOWER 360554.00N/0801437.00W. 1376 FT MSL BUILDING 360544.00N/0801438.00W.

LOST COMMUNICATIONS PROCEDURES:**ADDITIONAL FLIGHT DATA:**

PIEDMONT TRIAD INTL - CHART: TOP ALTITUDE: ASSIGNED BY ATC.

SMITH REYNOLDS - CHART: TOP ALTITUDE: ASSIGNED BY ATC.

REFERENCE MAG VAR: KGSO 8W EPOCH YEAR: 2020, KINT 7W EPOCH YEAR: 2000.

AIRPORTS SERVED:

<u>AIRPORT NAME</u>	<u>CITY</u>	<u>STATE</u>
PIEDMONT TRIAD INTL (KGSO)	GREENSBORO	NC
SMITH REYNOLDS (KINT)	WINSTON SALEM	NC

COMMUNICATIONS:

PIEDMONT TRIAD INTL: ATIS, CLNC DEL, GND CON, TOWER, GSO DEP CON 250-049, GSO DEP CON 050-249.

SMITH REYNOLDS: ATIS, GND CON, TOWER, GSO DEP CON.

FIXES AND/OR NAVAIDS:**REMARKS:**

ABBREVIATED AMENDMENT.



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QUAKER	FIVE	QUAK5.GSO	FOUR	07/21/2016	05/24/2018

FLIGHT INSPECTED BY:

FLIGHT INSP REVIEW NOT REQ - PROCESSED IAW
AIRCRAFT OPS GROUP (AJW-333) MEMO, 12/22/17

Digitally signed by

VICTOR B NASO

Mar 27, 2018

OFFICE SYMBOL:

DATE:

DEVELOPED BY:

MIKE MELSSEN

Digitally signed by

VICTOR B NASO

Mar 27, 2018

OFFICE SYMBOL:

AJV-5412

DATE:

01/30/2018

APPROVED BY:

GEORGE DAVIS

Digitally signed by

VICTOR B NASO

Mar 27, 2018

OFFICE SYMBOL:

AJV-5410

DATE:

REQUIRED EFFECTIVE DATE:

05/24/2018

COORDINATED WITH:

A4A

ALPA

AOPA

APA

HAI

NBAA

**OTHER:**

ZTL, GSO DEP CON/ATCT, AMGR

CHANGES - REASONS:

1. CHANGED SEGMENT FROM JEANY INT TO ROA VORTAC (ROANOKE TRANSITION) FROM 144.00 (RDU R-324) TO 149.00 (RDU-R329) - RALEIGH/DURHAM (RDU) VORTAC MAG VAR CHANGED FROM 4W/1965 TO 9W/2020.
2. REMARKS: ADDED ABBREVIATED AMENDMENT - PER 8260-46F DOCUMENTATION CRITERIA FOR ABBREVIATED AMENDMENT.
3. ADDITIONAL FLIGHT DATA: ADDED "REFERENCE MAG VAR: KGSO 8W EPOCH YEAR: 2020, KINT 7W EPOCH YEAR: 2000" - IAW 8260-46F DOCUMENTATION CRITERIA.
4. UNDER FIXES AND/OR NAVAIDS AND TRANSITION ROUTES, CHANGED ROA VORTAC TO VOR/DME - THE FACILITY HAS CHANGED IN AIRNAV.
5. CHANGED ALL REFERENCE FROM "VIA" TO "ON" - VIA NO LONGER USED.
6. DELETED ALL FIXES AND/OR NAVAIDS IN FIXES/NAVAIDS BLOCK. - ALL FIXES/NAVAIDS IN DP ROUTE AND TRANSITIONS.
7. CHANGED FROM "CREWE DME FIX" TO "CREWE" IN TRANSITION ROUTES AND FIXES AND/OR NAVAIDS - NOT NECESSARY TO LIST AS A DME FIX.
8. CHANGED FROM ...MAINTAIN ALTITUDE ASSIGNED BY ATC. EXPECT VECTOR TO INTERCEPT ASSIGNED RADIAL ASSOCIATED WITH THE ISSUED TRANSITION. PROCEED VIA THE DEPICTED RADIAL TO THE TRANSITION FIX, THENCE AS FILED. IF NO TRANSITION ASSIGNED, EXPECT VECTOR TO THE APPROPRIATE FIX. EXPECT REQUESTED ALTITUDE/FLIGHT LEVEL TEN (10) MINUTES AFTER DEPARTURE TO READ ...MAINTAIN ALTITUDE ASSIGNED BY ATC. RADAR VECTORS WILL BE PROVIDED TO INTERCEPT ASSIGNED RADIAL ASSOCIATED WITH THE ISSUED TRANSITION, OR IF NO TRANSITION ASSIGNED, RADAR VECTORS WILL BE PROVIDED TO THE APPROPRIATE FIX. EXPECT REQUESTED ALTITUDE/FLIGHT LEVEL 10 MINUTES AFTER DEPARTURE. - "EXPECT" NO LONGER ALLOWED WITH RADAR VECTORS/ PER 8260.46F.
9. TWO MEAS/MOCAS WERE PUBLISHED FOR RICHMOND TRANSITION, JEANY - CREWE SEGMENT. A 6000 MEA/2300 MOCA WAS LISTED IN ADDITION TO A 6000 MEA/2400 MOCA. THE 6000 MEA/2300 MOCA WAS REMOVED.