

**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SUPERSEDED NUMBER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>
HOPRZ	ONE	HOPRZ1.HOPRZ	NONE		
<u>TYPE:</u>	<u>OBSTACLE</u>	<u>COPTER</u>	<u>SID</u>	<u>SPECIAL</u>	<u>RNAV</u>
	☐	☐	☒	☐	☒

DP ROUTE DESCRIPTION:

PIEDMONT TRIAD INTL (GSO):

TAKEOFF RWY 5L: CLIMB ON HEADING 053.98 TO 1426, FOR RADAR VECTORS TO HOPRZ, THENCE ...
TAKEOFF RWY 5R: CLIMB ON HEADING 053.99 TO 1426, FOR RADAR VECTORS TO HOPRZ, THENCE ...
TAKEOFF RWY 14: CLIMB ON HEADING 143.15 TO 1426, FOR RADAR VECTORS TO HOPRZ, THENCE ...
TAKEOFF RWY 23L: CLIMB ON HEADING 234.00 TO 1426, FOR RADAR VECTORS TO HOPRZ, THENCE ...
TAKEOFF RWY 23R: CLIMB ON HEADING 233.99 TO 1426, FOR RADAR VECTORS TO HOPRZ, THENCE ...
TAKEOFF RWY 32: CLIMB ON HEADING 323.16 TO 1426, FOR RADAR VECTORS TO HOPRZ, THENCE ...

SMITH REYNOLDS (INT):

TAKEOFF RWY 4: CLIMB ON HEADING 037.73 TO 1469, FOR RADAR VECTORS TO HOPRZ, THENCE ...
TAKEOFF RWY 15: CLIMB ON HEADING 151.63 TO 1469, FOR RADAR VECTORS TO HOPRZ, THENCE ...
TAKEOFF RWY 22: CLIMB ON HEADING 217.73 TO 1469, FOR RADAR VECTORS TO HOPRZ, THENCE ...
TAKEOFF RWY 33: CLIMB ON HEADING 331.64 TO 1469, FOR RADAR VECTORS TO HOPRZ, THENCE ...

...ON TRANSITION, MAINTAIN ATC ASSIGNED ALTITUDE, EXPECT FILED ALTITUDE 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>
TBARE	HOPRZ1.TBARE	HOPRZ	RROSS	TRACK 097.70	17.16	2600	2300	
		RROSS	TBARE	TRACK 137.39	17.31	3000	2200	

PBN REQUIREMENT NOTES:

RNAV 1 - DME/DME/IRU OR GPS.

EQUIPMENT REQUIREMENT NOTES:

RADAR REQUIRED.

FOR NON-GPS EQUIPPED AIRCRAFT, LIB DME MUST BE OPERATIONAL.

PROCEDURAL DATA NOTES:

TAKEOFF MINIMUMS:

PIEDMONT TRIAD INTL (GSO):

RWY 5L, 5R, 14, 23L, 23R, 32: STANDARD.

SMITH REYNOLDS (INT):

RWY 4, 15, 33: STANDARD.

RWY 22: 500-2 3/4 OR STANDARD WITH MINIMUM CLIMB OF 332 FT/NM TO 1200.

TAKEOFF OBSTACLES NOTES:

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



CONTROLLING OBSTACLES:
SMITH REYNOLDS (INT):
RWY 22: 1138 MSL TOWER 360715.15N/0801402.23W (CLIMB GRADIENT/CLIMB-TO ALTITUDE), 1395 MSL TOWER 360554.00N/0801437.00W (CEILING), 1381 BUILDING 360543.46N/0801438.51W (VISIBILITY).

MSA:
MSA FROM KGSO, 4100.
MSA FROM KINT, 4100.

LOST COMMUNICATIONS PROCEDURES:

ADDITIONAL FLIGHT DATA:
AIRPORT MV: (P) GSO 8W/2010, INT 7W/2000.
ALL AIRPORTS - CHART: TOP ALTITUDE: ASSIGNED BY ATC.
DME/DME ASSESSMENT: SAT RNP 2.0

AIRPORTS SERVED:

AIRPORT ID	CITY	STATE
GSO	GREENSBORO	NC
INT	WINSTON SALEM	NC

COMMUNICATIONS:
PIEDMONT TRIAD INTL: CHART: ATIS, CLNC DEL, GND CON, TOWER.
SMITH REYNOLDS: CHART: ATIS, GND CON, TOWER.

FIXES AND/OR NAVAIDS:

REMARKS:
REMARKS: DO NOT CHART MOCA: FROM HOPRZ TO RROSS.
WAIVER TO FAA ORDER 8260.58C PARAGRAPH 1-2-5.C.(3), MAXIMUM BANK ANGLE. BANK ANGLE OF 23 USED FROM RROSS TO TBARE.
WAIVER ON REQUEST TO NOT DOCUMENT CROSSING ALTITUDE AT HOPRZ (IF).

FLIGHT INSPECTED BY	SIGNATURE	OFFICE	DATE	
DEVELOPED BY	SIGNATURE	OFFICE	DATE	
ERIC N SUSKI (JUDITH TUTTLE)		AJV-A431	10/08/2024	
APPROVED BY	SIGNATURE	OFFICE	DATE	TITLE
ERIC N SUSKI		AJV-A431	04/17/2024	MANAGER

REQUIRED EFFECTIVE DATE
ROUTINE

COORDINATED WITH:

A4A ☒ **ALPA** ☒ **AOPA** ☒ **APA** ☒ **HAI** ☐ **NBAA** ☒ **OTHER:** ZTL, ATCT, AMGRS



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HOPRZ	ONE	HOPRZ1.HOPRZ	NONE		

CHANGES - REASONS:
ORIGINAL PROCEDURE.



**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
DEPARTURE (DATA RECORD)**

DP NAME				NUMBER		DP COMPUTER CODE		SUPERSEDED NUMBER		DATED		ACTUAL EFFECTIVE DATE	
HOPRZ				ONE		HOPRZ1.HOPRZ		NONE					
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED		REMARKS			
	PIEDMONT TRIAD INTL		(GSO)										
RW5L (AER)	360557.32N/0795732.57W	N	-	-	-	-							
1426 MSL	-	-	-	VA	045.98	-	AT/ABOVE 1426						
-	-	-	-	VM	045.98	-							
RW5R (AER)	360527.81N/0795640.77W	N	-	-	-	-							
1426 MSL	-	-	-	VA	045.99	-	AT/ABOVE 1426						
-	-	-	-	VM	045.99	-							
RW14 (AER)	360558.13N/0795708.80W	N	-	-	-	-							
1426 MSL	-	-	-	VA	135.15	-	AT/ABOVE 1426						
-	-	-	-	VM	135.15	-							
RW23L (AER)	360636.51N/0795513.12W	N	-	-	-	-							
1426 MSL	-	-	-	VA	226.00	-	AT/ABOVE 1426						
-	-	-	-	VM	226.00	-							
RW23R (AER)	360659.16N/0795613.69W	N	-	-	-	-							
1426 MSL	-	-	-	VA	225.99	-	AT/ABOVE 1426						
-	-	-	-	VM	225.99								
RW32 (AER)	360513.40N/0795613.98W	N	-	-	-	-							

QUALITY



<u>DP NAME</u>		<u>NUMBER</u>		<u>DP COMPUTER CODE</u>		<u>SUPERSEDED NUMBER</u>		<u>DATED</u>	<u>ACTUAL EFFECTIVE DATE</u>
HOPRZ		ONE		HOPRZ1.HOPRZ		NONE			
<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>
1426 MSL	-	-	-	VA	315.16	-	AT/ABOVE 1426		
-	-	-	-	VM	315.16				
SMITH REYNOLDS (INT)									
RW04 (AER)	360759.00N/0801344.91W	N	-	-	-	-			
1469 MSL	-	-	-	VA	030.73	-	AT/ABOVE 1469		
-	-	-	-	VM	030.73				
RW15 (AER)*									
RW15 (AER)*	360814.98N/0801330.52W	N	-	-	-	-			*DISPL THLD (585.0 FT)
1469 MSL	-	-	-	VA	144.63	-	AT/ABOVE 1469		
-	-	-	-	VM	144.63	-			
RW22 (AER)									
RW22 (AER)	360832.47N/0801320.38W	N	-	-	-	-			CG 332 FT/NM TO 1200
1469 MSL	-	-	-	VA	210.73	-	AT/ABOVE 1469		
-	-	-	-	VM	210.73	-			
RW33 (AER)									
RW33 (AER)	360726.04N/0801247.70W	N	-	-	-	-			
1469 MSL	-	-	-	VA	324.64	-	AT/ABOVE 1469		
-	-	-	-	VM	324.64	-			
HOPRZ									
HOPRZ	361609.51N/0793513.41W	Y	-	IF	-	-			HOPRZ1.TBARE
RROSS	391613.03N/0791400.03W	Y	FB	TF	089.70	17.16			
TBARE	360512.03N/0785729.96W	Y	FB	TF	129.39	17.31			

