

**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SUPERSEDED NUMBER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		27 NOV 2025

<u>TYPE:</u>	<u>OBSTACLE</u>	<u>COPTER</u>	<u>SID</u>	<u>SPECIAL</u>	<u>RNAV</u>
	☐	☐	☒	☐	☒

DP ROUTE DESCRIPTION:

TAKEOFF ALL RWYS: CLIMB ON ASSIGNED HEADINGS FOR VECTORS TO HOPRZ, THEN 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	2300	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:**

GSO:

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

INT:

RWY 4, 15, 33: STANDARD.

RWY 22: STANDARD WITH MINIMUM CLIMB OF 340 FT/NM TO 1400.

TAKEOFF OBSTACLES NOTES:

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

CONTROLLING OBSTACLES:

INT:

RWY 22: 1138 MSL TOWER 360715.15N/0801402.23W (CLIMB GRADIENT), 1395 MSL TOWER 360554.00N/0801437.00W (CLIMB GRADIENT TERMINATION ALTITUDE).

MSA:

GSO, 4100.

INT, 4100.

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

AIRPORT MV: (P) GSO 8W/2010, INT 7W/2000.



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HOPRZ	ONE	HOPRZ1.HOPRZ	NONE		27 NOV 2025

ALL AIRPORTS - CHART: TOP ALTITUDE: ASSIGNED BY ATC.
DME/DME ASSESSMENT: SAT RNP 2.0

AIRPORTS SERVED:

<u>AIRPORT ID</u>	<u>CITY</u>	<u>STATE</u>
GSO	GREENSBORO	NC
INT	WINSTON SALEM	NC

COMMUNICATIONS:

GSO: CHART: ATIS, CLNC DEL, GND CON, TOWER.
INT: 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).
WAIVER ON REQUEST TO DEVIATE FROM STANDARD CRITERIA. 8260.3G, PARAGRAPH 2-1-3. USING LESS ROC THAN REQUIRED FOR DP LEVEL OCS.
WAIVER ON REQUEST TO DEVIATE FROM STANDARD CRITERIA. 8260.3G, PARAGRAPH 1-4-2. AN ATC REQUESTED MAINTAINED ALTITUDE LOWER THAN THE UNRESTRICTED CLIMB ALLOWED BY TERPS EVALUATION. FAA JO 7110.65, PARAGRAPH 5-6-3.B "AFTER REACHING THE FIRST MVA/MIA SECTOR, ALL SUBSEQUENT MVA/MIA SECTORS ENCOUNTERED MUST BE MET." THIS REQUIRES THE CONTROLLER TO ENSURE THE AIRCRAFT DOESN'T GO INTO A HIGHER MVA ONCE THEY REACHED THE FIRST MVA SECTOR ALTITUDE. ATC IS NOT ALLOWED TO LET AN AIRCRAFT CLIMBING TO THE LOWEST ALTITUDE ASSIGNED ENTER A HIGHER MVA UNLESS ATC HAS ASSIGNED AND THE PILOT REACHED THE ALTITUDE EQUAL TO OR HIGHER THAN THE MVA SECTOR THEY ARE ENTERING OR FAA ORDER 7110.65, PARAGRAPH 5-6-3.A.(1).

FLIGHT INSPECTED BY

CHRISTOPHER R VANDEVEER

SIGNATURE

Digitally signed by

RAKE MCGRAW

Sep 24, 2025

OFFICE

AJO

DATE

09/17/2025

DEVELOPED BY

ERIC N SUSKI (JUDITH TUTTLE)

SIGNATURE

Digitally signed by

RAKE MCGRAW

Sep 24, 2025

OFFICE

AJV-A431

DATE

10/08/2024

APPROVED BY

ERIC N SUSKI

SIGNATURE

Digitally signed by

RAKE MCGRAW

Sep 24, 2025

OFFICE

AJV-A431

DATE**TITLE**

MANAGER

REQUIRED EFFECTIVE DATE

ROUTINE

COORDINATED WITH:

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

CHANGES - REASONS:

ORIGINAL PROCEDURE.

08/27/2025: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 10/08/2025.

8260-15B:

1. DP ROUTE DESCRIPTION: UPDATED GSO AND INT ALL RUNWAYS TO "TAKEOFF ALL RWYS: CLIMB ON ASSIGNED HEADINGS FOR VECTORS TO HOPRZ, THEN ON TRANSITION. MAINTAIN ATC ASSIGNED ALTITUDE, EXPECT FILED ALTITUDE 10 MINUTES AFTER DEPARTURE."

QUALITY
20
CHECKED

<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		27 NOV 2025

2. TAKEOFF MINIMUMS: UPDATED INT RWY 22 FROM "500-2 3/4 OR STANDARD WITH MINIMUM CLIMB OF 332 FT/NM TO 1200" TO "STANDARD WITH MINIMUM CLIMB OF 340 FT/NM TO 1400."
3. CONTROLLING OBSTACLES: REMOVED CEILING AND VISIBILITY OBSTACLES, UPDATED CGTA OBSTACLE FROM "1138 MSL TOWER 360715.15N/0801402.23W" TO "1395 MSL TOWER 360554.00N/0801437.00W."
4. REMARKS: ADDED "WAIVER ON REQUEST TO DEVIATE FROM STANDARD CRITERIA. 8260.3, PARAGRAPH 2-1-3. USING LESS ROC THAN REQUIRED FOR DP LEVEL OCS" AND "WAIVER ON REQUEST TO DEVIATE FROM STANDARD CRITERIA. 8260.3, PARAGRAPH 1-4-2. AN ATC REQUESTED MAINTAINED ALTITUDE LOWER THAN THE UNRESTRICTED CLIMB ALLOWED BY TERPS EVALUATION."
5. TRANSITION ROUTES: UPDATED HOPRZ TO RROSS MEA FROM "2600" TO "2300."
6. UPDATED ALL INSTANCES OF "PIEDMONT TRIAD INTL" TO "GSO" AND FROM "SMITH REYNOLDS" TO "INT."

8260-15C:

1. REMOVED ALL VA-VM LEGS.

09/23/2025: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 10/08/2024:

8260-15B:

1. REMARKS: UPDATED NOTE FROM "WAIVER ON REQUEST TO DEVIATE FROM STANDARD CRITERIA. 8260.3, PARAGRAPH 1-4-2. AN ATC REQUESTED MAINTAINED ALTITUDE LOWER THAN THE UNRESTRICTED CLIMB ALLOWED BY TERPS EVALUATION" TO "WAIVER ON REQUEST TO DEVIATE FROM STANDARD CRITERIA. 8260.3, PARAGRAPH 1-4-2. AN ATC REQUESTED MAINTAINED ALTITUDE LOWER THAN THE UNRESTRICTED CLIMB ALLOWED BY TERPS EVALUATION. FAA JO 7110.65, PARAGRAPH 5-6-3.B "AFTER REACHING THE FIRST MVA/MIA SECTOR, ALL SUBSEQUENT MVA/MIA SECTORS ENCOUNTERED MUST BE MET." THIS REQUIRES THE CONTROLLER TO ENSURE THE AIRCRAFT DOESN'T GO INTO A HIGHER MVA ONCE THEY REACHED THE FIRST MVA SECTOR ALTITUDE. ATC IS NOT ALLOWED TO LET AN AIRCRAFT CLIMBING TO THE LOWEST ALTITUDE ASSIGNED ENTER A HIGHER MVA UNLESS ATC HAS ASSIGNED AND THE PILOT REACHED THE ALTITUDE EQUAL TO OR HIGHER THAN THE MVA SECTOR THEY ARE ENTERING OR FAA ORDER 7110.65, PARAGRAPH 5-6-3.A.(1).

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

<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			27 NOV 2025
<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>
HOPRZ	361609.51N/0793513.41W	Y	-	IF	-	-			
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			