

**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SUPERSEDED NUMBER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>
BUFIY	FOUR	BUFIY4.BUFIY	THREE	10/10/2019	<b>31 Oct 2024</b>
<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"/>	<input checked="" type="checkbox"/>

**DP ROUTE DESCRIPTION:**

TAKEOFF RWY 24: CLIMB ON HEADING 237.73 TO 1675, THEN DIRECT NTHEN, THEN ON TRACK 249.73 TO PHLIP, THEN ON TRACK 267.00 TO BUFIY, THENCE ...

...MAINTAIN 5000, EXPECT FILED ALTITUDE WITHIN 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>
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**PBN REQUIREMENT NOTES:**

RNAV 1- DME/DME/IRU OR GPS REQUIRED.

**EQUIPMENT REQUIREMENT NOTES:**

RADAR REQUIRED FOR NON-GPS EQUIPPED AIRCRAFT.

**PROCEDURAL DATA NOTES:****TAKEOFF MINIMUMS:****RWY 06, 16, 34:** NA-AIR TRAFFIC.**RWY 24:** STANDARD WITH MINIMUM CLIMB OF 500 FT PER NM TO 1675.**TAKEOFF OBSTACLES NOTES:**

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

**CONTROLLING OBSTACLES:****MSA:**

MSA FROM KROA, 5600.

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

AIRPORT MV: ROA 8W/2010.

CHART: TOP ALTITUDE: 5000



<u>DP NAME</u>	<u>NUMBER</u>	<u>DP COMPUTER CODE</u>	<u>SUPERSEDED NUMBER</u>	<u>DATED</u>	<u>ACTUAL EFFECTIVE DATE</u>
BUFIY	FOUR	BUFIY4.BUFIY	THREE	10/10/2019	<b>31 Oct 2024</b>

AIRPORTS SERVED:

<u>AIRPORT ID</u>	<u>CITY</u>	<u>STATE</u>
KROA	ROANOKE	VA

COMMUNICATIONS:

CHART: ATIS, GND CON, CLNC DEL, TOWER

FIXES AND/OR NAVAIDS:REMARKS:ABBREVIATED AMENDMENT - PERIODIC REVIEW FINDING NOT INCLUDED, FULL AMENDMENT REQUIRED TO INCORPORATE CHANGES.  
CG/CGTA REQUIRED FOR ATC LNAV ENGAGEMENT.FLIGHT INSPECTED BYSIGNATURE

Digitally signed by

OFFICEDATEPROCESSED IAW AIRCRAFT OPERATIONS GROUP (AJW-33) MEMO, OCTOBER 3, 2018,  
SUBJECT: FLIGHT INSPECTION REVIEW NOT REQUIRED.**ROBERT G HAMILTON**

Jul 31, 2024

DEVELOPED BYSIGNATURE

Digitally signed by

OFFICEDATE

ERIC N. SUSKI (JUDITH M. TUTTLE)

**ROBERT G HAMILTON**

Jul 31, 2024

AJV-A431

04/22/2024

APPROVED BYSIGNATURE

Digitally signed by

OFFICEDATETITLE

ERIC N. SUSKI

**ROBERT G HAMILTON**

Jul 31, 2024

AJV-A431

10/31/2024

MANAGER

REQUIRED EFFECTIVE DATE

ROUTINE

COORDINATED WITH:**A4A** ☒ **ALPA** ☒ **AOPA** ☒ **APA** ☒ **HAI** ☐ **NBAA** ☒ **OTHER:** ZDC, ROA APP CON, ROA ATCT, ARPT MGRCHANGES - REASONS:

1. DP ROUTE DESCRIPTION UPDATED FROM TAKEOFF RWY 24: "CLIMB HEADING 237.73 TO 1675, THEN DIRECT NTHEN, THEN ON DEPICTED ROUTE TO BUFIY. MAINTAIN 5000 OR ASSIGNED ALTITUDE BY ATC; EXPECT CLEARANCE TO FILED ALTITUDE WITHIN 10 MINUTES AFTER DEPARTURE" TO "TAKEOFF RWY 24: CLIMB ON HEADING 237.73 TO 1675, THEN DIRECT NTHEN, THEN ON TRACK 249.73 TO PHLIP, THEN ON TRACK 267.00 TO BUFIY, THENCE ... ..MAINTAIN 5000, EXPECT FILED ALTITUDE WITHIN 10 MINUTES AFTER DEPARTURE." - PER FPT REQUEST.
2. PBN REQUIREMENT NOTES: UPDATED FROM "NOTE: GPS REQUIRED," "NOTE: RADAR REQUIRED," AND "NOTE: RNAV 1" TO "NOTE: RNAV 1- DME/DME/IRU OR GPS REQUIRED" - NOTE: RADAR REQUIRED TO "RADAR REQUIRED FOR NON-GPS EQUIPPED AIRCRAFT" AND MOVED TO EQUIPMENT REQUIREMENT NOTES, UPDATED NOTES IAW 8260.46J 2-1-1.
3. MSA: ADDED "MSA FROM KROA, 5600" - IAW 8260.46J APPENDIX.
4. ADDITIONAL FLIGHT DATA: UPDATED AIRPORT MAGVAR NOTE FROM "REFERENCE MAG VAR: KROA 8 W EPOCH YEAR 2010" TO "AIRPORT MV: ROA 8W/2010." - IAW MEMO 283, DTD JULY 15, 2022.
5. FIXES AND/OR NAVAIDS: REMOVED ROA VOR/DME - VORMON DECOMMISSIONING.
6. TAKEOFF OBSTACLE NOTES: CHANGED FROM "NOTE: RWY 24, SIGN 42 FT FROM DER, 249 FT LEFT OF CENTERLINE, 13 FT AGL/1154 FT MSL. TREE 2872 FT FROM DER, 1246 FT LEFT OF CENTERLINE, 92 FT AGL/1232 FT MSL" TO "SEE FORM 8260-15A, TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)" - IAW 8260.46J APPENDIX D.
7. REMARKS: ADDED "CG/CGTA REQUIRED FOR ATC LNAV ENGAGEMENT" - FOR FUTURE SPECIALIST REFERENCE.
8. REMARKS: UPDATED NOTE FROM "ABBREVIATED AMENDMENT" TO "ABBREVIATED AMENDMENT - PERIODIC REVIEW FINDINGS NOT UPDATED; FULL AMENDMENT REQUIRED TO INCORPORATE CHANGES" - FOR FUTURE SPECIALIST REFERENCE.

QUALITY  
23  
CHECKED

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>
BUFIY		FOUR		BUFIY4.BUFIY		THREE		10/10/2019	<b>31 Oct 2024</b>
<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>
RW 24 (AER)*	371958.46N/0795805.64W*	N	-	-	-	-			*DISPLACED THLD (790 FT)
1675 MSL	-	-	-	VA	229.73	-	AT/ABOVE 1675		CG 500 FT/NM TO 1675
NTHEN	371647.91N/0800623.29W	Y	FB	DF	-	-			
PHLIP	371402.67N/0801247.17W	Y	FB	TF	241.73	5.80			
BUFIY	371158.80N/0802559.42W	Y	FO	TF	259.00	10.375			

