

**U.S. DEPARTMENT of TRANSPORTATION – FEDERAL AVIATION ADMINISTRATION  
GRAPHIC DEPARTURE PROCEDURE (DP)**

Bearings, headings, courses, tracks, and radials are magnetic. Elevation 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. Graphic depictions attached.

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
LAZIR	SIX	LAZIR6.LAZIR	FIVE	08 JAN 15	20 AUG 2015

**TYPE:** RNAV SID

**DP ROUTE DESCRIPTION:**

**TAKEOFF RWY 1:** CLIMB HEADING 004.49 TO INTERCEPT COURSE 332.00 TO ADAXE, THENCE...  
**TAKEOFF RWY 33:** CLIMB HEADING 331.65 TO 515, THEN RIGHT TURN DIRECT ADAXE, THENCE...

...ON DEPICTED ROUTE TO LAZIR, THEN ON HEADING 328.46, EXPECT RADAR VECTORS. MAINTAIN 5000. EXPECT CLEARANCE TO FILED ALTITUDE WITHIN TEN (10) MINUTES AFTER DEPARTURE.

**TRANSITION ROUTES (GRAPHIC DEPICTION ONLY):**

Transition Name	Transition Computer Codes	From FIX/NAVAID	To FIX/NAVAID	Course	Distance	MEA	MOCA	Crossing Altitudes/Fixes
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**PROCEDURAL DATA NOTES/TAKEOFF MINIMUMS:**

- NOTE:** RNAV 1.
- NOTE:** RADAR REQUIRED.
- NOTE:** DME/DME/IRU OR GPS REQUIRED.
- NOTE:** TURBOJET AIRCRAFT ONLY.
- NOTE:** DEPARTING RWY 1 REQUIRES EXPEDITIOUS INTERCEPT OF OUTBOUND COURSE TO ENSURE AVOIDANCE OF P-56 BOUNDARY.
- NOTE:** RWY 1 DEPARTURES REMAIN CLEAR OF P56, CLIMB HEADING 004, TURN LEFT AS SOON AS PRACTICAL TO INTERCEPT COURSE 332 TO ADAXE.
- NOTE:** PILOTS SHALL COMPLY WITH RONALD REAGAN WASHINGTON NATIONAL AIRPORT NOISE ABATEMENT AND PROHIBITED AREA (P-56) AVOIDANCE PROCEDURES AS DEFINED IN AIRPORT/FACILITY DIRECTORY SPECIAL NOTICES.
- NOTE:** ATC ASSIGNED ONLY.

**TAKEOFF MINIMUMS:**

**RWY 1,** STANDARD WITH MINIMUM CLIMB OF 825 FT PER NM TO 600.  
**RWY 33,** STANDARD WITH MINIMUM CLIMB OF 540 FT PER NM TO 640.

**TAKEOFF OBSTACLES NOTES:**

**NOTE: RWY 1,** BUILDINGS BEGINNING 118 FT FROM DER, 332 FT RIGHT OF CENTERLINE, UP TO 10 FT AGL/22 FT MSL. FENCE 261 FT FROM DER, 514 FT LEFT OF CENTERLINE, 9 FT AGL/19 FT MSL. LIGHT POLE AND TREES BEGINNING 995 FT FROM DER, 210 FT LEFT OF CENTERLINE, UP TO 47 FT AGL/49 FT MSL. TREES BEGINNING 1008 FT FROM DER, 499 FT LEFT OF CENTERLINE, UP TO 71 FT AGL/72 FT MSL. TREES 1365 FT FROM DER, 333 FT RIGHT OF CENTERLINE, UP TO 50 FT AGL/51 FT MSL. TREES BEGINNING 1744 FT FROM DER, 152 FT LEFT OF CENTERLINE, UP TO 70 FT AGL/71 FT MSL. MONUMENT 1.7 NM FROM DER, 1787 FT RIGHT OF CENTERLINE, 556 FT AGL/595 FT MSL.  
**NOTE: RWY 33,** SIGN 18 FT FROM DER, 191 FT LEFT OF CENTERLINE, 3 FT AGL/15 FT MSL. FENCE AND POLE BEGINNING 27 FT FROM DER, 332 FT RIGHT OF CENTERLINE, UP TO 18 FT AGL/28 FT MSL. VEHICLES ON ROAD AND TREES BEGINNING 365 FT FROM DER, 344 FT LEFT OF CENTERLINE, UP TO 51 FT AGL/70 FT MSL. TREES BEGINNING 533 FT FROM DER, 101 FT LEFT OF CENTERLINE, UP TO 37 FT AGL/39 FT MSL. POLES AND TREES BEGINNING 641 FT FROM DER, 165 FT RIGHT OF CENTERLINE, UP TO 56 FT AGL/60 FT MSL. CRANES AND TREES BEGINNING 882 FT FROM DER, 289 FT LEFT OF CENTERLINE, UP TO 82 FT AGL/95 FT MSL. TREES BEGINNING 1603 FT FROM DER, 78 FT RIGHT OF CENTERLINE, UP TO 79 FT AGL/83 FT MSL. POLES AND BUILDINGS BEGINNING 1777 FT FROM DER, 868 FT LEFT OF CENTERLINE, UP TO 124 FT AGL/145 FT MSL. POLES BEGINNING 2917 FT FROM DER, 511 FT RIGHT OF CENTERLINE, UP TO 78 FT AGL/105 FT MSL. BUILDINGS AND ANTENNAS BEGINNING 4379 FT FROM DER, 246 FT LEFT OF CENTERLINE, UP TO 115 FT AGL/151 FT MSL.



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<b>LAZIR</b>	<b>SIX</b>	<b>LAZIR6.LAZIR</b>	<b>FIVE</b>	<b>08 JAN 15</b>	<b>20 AUG 2015</b>

**CONTROLLING OBSTACLES:**

**RWY 1:** 595 FT MSL MONUMENT 385322.00N/0770207.00W (CLIMB-TO ALTITUDE).  
**RWY 33:** 1049 FT MSL TOWER 385624.20N/0770452.42W (CLIMB-TO ALTITUDE).

**LOST COMMUNICATIONS PROCEDURES:**

**ADDITIONAL FLIGHT DATA:**

REFERENCE MAG VAR: KDCR 9W EPOCH YEAR: 1985. DME/DME ASSESSMENT: SAT (RNP 2.0)

**CHART: TOP ALTITUDE:** 5000.

**CHART:** P56A, P-56B.

**CHART SPEED ICON:** MAXIMUM SPEED 220 KIAS AT ADAXE.

**CHART IN BOLD PRINT: NOTE: PROHIBITED AREA P-56 1.5 NM NORTH OF AIRPORT.**

**CHART:** POTOMAC AND ANACOSTIA RIVERS.

**CHART IN A BOX:** DEPARTURE FREQUENCY (DOUBLE LINE BREAK) IF YOUR ROUTE CONTAINS: (DOUBLE LINE BREAK) SOOKI, DIXXE, DOCTR, COLIN, DAILY, PALEO, AGARD, OR SWANN (DOUBLE LINE BREAK) USE 126.65 / 348.725

**CHART IN A BOX:** DEPARTURE FREQUENCY (DOUBLE LINE BREAK) IF YOUR ROUTE CONTAINS: (DOUBLE LINE BREAK) AML VOR/DME, BUFFR, CSN VORTAC, FLUKY, GINYA, GVE VORTAC, HAFNR, OTTTO, MOL VOR/DME, PAUKI, RAMAY, JERES, MCRAY, HORTO, CLTCH, SCRAM, OR JDUBB (DOUBLE LINE BREAK) USE 118.95 / 257.2

**AIRPORTS SERVED:**

RONALD REAGAN WASHINGTON NATIONAL

WASHINGTON, DC

**COMMUNICATIONS:**

ATIS, CLNC DEL, GND CON, TOWER, DEP CON EAST, DEP CON WEST.

**FIXES AND/OR NAVAIDS:**

AGARD, BUFFR, CLTCH, COLIN, DAILY, DIXXE, DOCTR, FLUKY, GINYA, HAFNR, HORTO, JDUBB, JERES, MCRAY, OTTTO, PALEO, PAUKI, RAMAY, SCRAM, SOOKI, SWANN, AML VOR/DME, CSN VORTAC, GVE VORTAC, MOL VOR/DME.



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LAZIR	SIX	LAZIR6.LAZIR	FIVE	08 JAN 15	20 AUG 2015

**REMARKS:**

1. WAIVER AND APPROVAL LETTER ON FILE FOR LEG LENGTHS LESS THAN MINIMUM REQUIRED BY CRITERIA AND FOR CLIMB GRADIENTS EXCEEDING 500 FT PER NM.
2. RWY 1 MAGNETIC HEADING IN AIRNAV WAS UPDATED FROM 004.49 TO 004.50. WILL RETAIN FLIGHT INSPECTED AND AFS APPROVED VALUE OF 004.49 FOR THIS AMENDMENT.
3. RADAR REQUIRED VICE RADAR REQUIRED FOR NON-GPS EQUIPPED AIRCRAFT NOTE USED PER ATC REQUEST.

**CHANGES:**

1. AMENDED RWY 33 (245 FT DIFFERENCE) THRESHOLD COORDINATES ON FAA FORM 15C.
2. ADDED 220 KIAS SPEED ICON AT ADAXE IN ADDITIONAL FLIGHT DATA.
3. DELETED NOTE: DO NOT EXCEED 220K UNTIL CROSSING ADAXE.
4. AMENDED TAKEOFF OBSTACLE NOTES.
5. AMENDED CONTENTS OF DEPARTURE FREQUENCY BOXES.
6. ADDED SOOKI, DIXXE, DOCTR, COLIN, AGARD, MCRAY, HORTO, CLTCH, SCRAM, AND JDUBB TO GRAPHIC.
7. AMENDED RWY 1 CLIMB GRADIENT CLIMB TO ALTITUDE FROM 515 MSL TO 600 FT MSL.
8. AMENDED RWY 33 CLIMB GRADIENT CLIMB TO ALTITUDE FROM 515 MSL TO 640 FT MSL.

**REASONS:**

1. MATCH PENDING AIRNAV DATA FOR RUNWAY SAFETY AREA PROJECT.
2. IN ACCORDANCE WITH CURRENT DOCUMENTATION POLICY.
3. REPLACED BY SPEED ICON.
4. NEW OBSTACLE STUDY. MATCHES DATA ON FAA FORM 8260-15A, AMDT 8.
5. ATC REQUEST.
6. ATC REQUEST.
- 7, 8. NEW OBSTACLE STUDY.

6/26/2015: THIS IS A CORRECTED COPY OF THE FORM DEVELOPED ON 04/09/2015.

ADDED NOTE TO PROCEDURAL DATA NOTES: RWY 1 DEPARTURES REMAIN CLEAR OF P56, CLIMB HEADING 004, TURN LEFT AS SOON AS PRACTICAL TO INTERCEPT COURSE 332 TO ADAXE.



### DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code					Superseded Number	Dated	Effective Date
LAZIR	SIX	LAZIR6.LAZIR					FIVE	08 JAN 15	20 AUG 2015
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
<b>RW01 (AER)</b>	385029.65N/0770212.29W	N	-	-	-	-			
	385216.70N/0770223.06W	-	-	VI	355.49	1.79			CG 825 FT/NM TO 600
ADAXE	385402.61N/0770405.22W	Y	FB	CF	323.00	2.21		AT/BELOW 220K	RECOMMENDED NAVAID: DCA VOR/DME
BEBLE	385455.81N/0770626.92W	Y	FB	TF	295.68	2.05			
COVTO	385649.58N/0770802.23W	Y	FB	TF	326.81	2.26			
LAZIR	385909.60N/0771035.68W	Y	FO	TF	319.46	3.07			
		-	-	VM	319.46	-			
<b>RW33 (AER)</b>	385059.29N/0770155.95W	N	-	-	-	-			
515 MSL		-	-	VA	322.65	-			CG 540 FT/NM TO 640
ADAXE	385402.61N/0770405.22W	Y	FB	DF	-	-		AT/BELOW 220K	RIGHT TURN
BEBLE	385455.81N/0770626.92W	Y	FB	TF	295.68	2.05			
COVTO	385649.58N/0770802.23W	Y	FB	TF	326.81	2.26			
LAZIR	385909.60N/0771035.68W	Y	FO	TF	319.46	3.07			
		-	-	VM	319.46	-			

