

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.
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DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
SCRAM	ONE	SCRAM1.SCRAM	NONE		25 JUN 2015

TYPE: RNAV SID

DP ROUTE DESCRIPTION:

TAKEOFF RWY 1: CLIMB HEADING 004.49 TO INTERCEPT COURSE 332.00 TO ADAXE, DO NOT EXCEED 220 KIAS UNTIL CROSSING ADAXE, THEN ON DEPICTED ROUTE TO SCRAM, THENCE...

TAKEOFF RWY 15: CLIMB HEADING 151.64 TO 515, THEN RIGHT TURN DIRECT CAPVC, THEN ON DEPICTED ROUTE TO SCRAM, THENCE...

TAKEOFF RWY 19: CLIMB HEADING 184.49 TO 515, THEN DIRECT CAPVC, THEN ON DEPICTED ROUTE TO SCRAM, THENCE...

TAKEOFF RWY 33: CLIMB HEADING 331.65 TO 515, THEN RIGHT TURN DIRECT ADAXE, DO NOT EXCEED 220 KIAS UNTIL CROSSING ADAXE, THEN ON DEPICTED ROUTE TO SCRAM, THENCE...

...ON LYNCHBURG TRANSITION. 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
LYNCHBURG	SCRAM1.LYH	SCRAM	DANOO	TRACK 239.48	27.88	15600	4000	
			WALCE	TRACK 240.00	33.42	FL180		
			GLANC	TRACK 225.67	20.99	FL180		
			LYH VORTAC	TRACK 226.07	13.98	FL180		

PROCEDURAL DATA NOTES/TAKEOFF MINIMUMS:

NOTE: RNAV 1.

NOTE: RADAR REQUIRED.

NOTE: DME/DME/IRU OR GPS REQUIRED.

NOTE: DEPARTING RWY 1 REQUIRES EXPEDITIOUS INTERCEPT OF OUTBOUND COURSE TO ENSURE AVOIDANCE OF P-56 BOUNDARY.

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.

TAKEOFF MINIMUMS:

RWY 1, STANDARD WITH MINIMUM CLIMB OF 825 FT PER NM TO 600.

RWY 15, 19, STANDARD WITH MINIMUM CLIMB OF 500 FT PER NM TO 515.

RWY 33, STANDARD WITH MINIMUM CLIMB OF 540 FT PER NM TO 640.



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SCRAM	ONE	SCRAM1.SCRAM	NONE		25 JUN 2015

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. TREE 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 15, TERRAIN 12 FEET FROM DER, 490 FT RIGHT OF CENTERLINE, 0 FT AGL/11 FT MSL. TREES 1.5 NM FROM DER, 13 FT RIGHT OF CENTERLINE, UP TO 94 FT AGL/245 FT MSL.

NOTE: RWY 19, TREE 3434 FT FROM DER, 1135 FT RIGHT OF CENTERLINE, UP TO 96 FT AGL/105 FT MSL. BUILDING 1.1 NM FROM DER, 1891 FT RIGHT OF CENTERLINE, 171 FT AGL/189 FT MSL.

NOTE: RWY 33, VEHICLES ON ROAD, FENCES, AND TREES BEGINNING 125 FT FROM DER, 10 FT LEFT OF CENTERLINE, UP TO 37 FT AGL/39 FT MSL. SIGN, VEHICLES ON ROAD, FENCES, AND TREES BEGINNING 201 FT FROM DER, 8 FT RIGHT OF CENTERLINE, UP TO 37 FT AGL/39 FT MSL. VEHICLES ON ROAD AND TREES BEGINNING 120 FT FROM DER, 344 FT LEFT OF CENTERLINE, UP TO 51 FT AGL/70 FT MSL. POLE AND TREES BEGINNING 335 FT FROM DER, 344 FT RIGHT OF CENTERLINE, UP TO 56 FT AGL/60 FT MSL.

CRANE, BUILDINGS, LIGHT POLES, AND TREES BEGINNING 833 FT FROM DER, 489 FT LEFT OF CENTERLINE, UP TO 92 FT AGL/111 FT MSL. POLES AND TREES BEGINNING 1133 FT FROM DER, 24 FT LEFT OF CENTERLINE, UP TO 51 FT AGL/70 FT MSL. POLES AND TREES BEGINNING 1358 FT FROM DER, 51 FT RIGHT OF CENTERLINE, UP TO 70 FT AGL/79 FT MSL. POLES BEGINNING 2672 FT FROM DER, 510 FT RIGHT OF CENTERLINE, UP TO 78 FT AGL/105 FT MSL. SATELLITE DISH, BUILDING, AND ANTENNAS BEGINNING 4134 FT FROM DER, 247 FT LEFT OF CENTERLINE, UP TO 115 FT AGL/151 FT MSL.

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: KDCA 9W EPOCH YEAR: 1985. DME/DME ASSESSMENT: SAT (RNP 2.0)

CHART: TOP ALTITUDE: 5000.

CHART SPEED ICON: MAXIMUM SPEED 220 KIAS AT ADAXE.

CHART: P56A, P-56B.

AIRPORTS SERVED:

RONALD REAGAN WASHINGTON NATIONAL

WASHINGTON, DC

COMMUNICATIONS:

ATIS, CLNC DEL, GND CON, TOWER, DEP CON 118.95/257.2



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SCRAM	ONE	SCRAM1.SCRAM	NONE		25 JUN 2015

FIXES AND/OR NAVAIDS:

BEBLE, COVTO, FERGI, CUKLI, POOCH, GAITE, DMKRT.



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REMARKS:

1. WAIVER/APPROVAL REQUESTED FOR RWY 1/33 LEG LENGTHS LESS THAN MINIMUM REQUIRED BY CRITERIA AND FOR CLIMB GRADIENTS EXCEEDING 500 FT PER NM.
2. RADAR REQUIRED NOTE VICE RADAR REQUIRED FOR NON-GPS EQUIPPED AIRCRAFT NOTE USED PER ATC REQUEST.

CHANGES:

ORIGINAL.

REASONS:

ATC REQUEST.

04/29/15: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 03/04/2015.

1. ADDED HARD DATE 25 JUN 2015



DEPARTURE (DATA RECORD)

DP Name		Number	DP Computer Code				Superseded Number	Dated	Effective Date
SCRAM		ONE	SCRAM1.SCRAM				NONE		25 JUN 2015
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
RW01 (AER)	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			
FERGI	385912.16N/0771050.18W	Y	FB	TF	317.41	3.23			
CUKLI	385910.33N/0771634.81W	Y	FB	TF	269.64	4.48			
POOCH	382718.56N/0774031.56W	Y	FB	TF	210.61	36.94			
SCRAM	382216.20N/0774754.77W	Y	FB	TF	229.11	7.68			
RW15 (AER)	385142.11N/0770237.75W	N	-	-	-	-			
515 MSL		-	-	VA	142.64	-			CG 500 FT/NM TO 515
CAPVC	384458.80N/0770204.96W	Y	FB	DF	-	-			RIGHT TURN
GAITE	384440.12N/0770744.97W	Y	FB	TF	266.02	4.44			
DMKRT	384234.33N/0771324.61W	Y	FB	TF	244.72	4.90			
POOCH	382718.56N/0774031.56W	Y	FB	TF	234.50	26.16			
SCRAM	382216.20N/0774754.77W	Y	FB	TF	229.11	7.68			
RW19 (AER)	385140.29N/0770219.41W	N	-	-	-	-			
515 MSL		-	-	VA	175.49	-			CG 500 FT/NM TO 515
CAPVC	384458.80N/0770204.96W	Y	FB	DF	-	-			
GAITE	384440.12N/0770744.97W	Y	FB	TF	266.02	4.44			
DMKRT	384234.33N/0771324.61W	Y	FB	TF	244.72	4.90			
POOCH	382718.56N/0774031.56W	Y	FB	TF	234.50	26.16			
SCRAM	382216.20N/0774754.77W	Y	FB	TF	229.11	7.68			
RW33 (AER)	385101.22N/0770157.83W	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			
FERGI	385912.16N/0771050.18W	Y	FB	TF	317.41	3.23			

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FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
CUKLI	385910.33N/0771634.81W	Y	FB	TF	269.64	4.48			
POOCH	382718.56N/0774031.56W	Y	FB	TF	210.61	36.94			
SCRAM	382216.20N/0774754.77W	Y	FB	TF	229.11	7.68			
SCRAM	382216.20N/0774754.77W	Y	-	IF	-	-			SCRAM1.LYH
DANOO	380427.24N/0781508.96W	Y	FB	TF	230.48	27.88			
WALCE	374319.43N/0784753.20W	Y	FB	TF	231.00	33.42			
GLANC	372627.01N/0790337.65W	Y	FB	TF	216.67	20.99			
LYH VORTAC	371516.48N/0791410.97W	Y	FB	TF	217.07	13.98			