

**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SUPERSEDED NUMBER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>
SCRAM	SIX	SCRAM6.SCRAM	FIVE	03/26/2020	31 DEC 2020

<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 checked="" type="checkbox"/>

DP ROUTE DESCRIPTION:**RONALD REAGAN WASHINGTON NATIONAL:**

TAKEOFF RWY 1: CLIMB ON HEADING 006.50 TO INTERCEPT COURSE 330.75 TO REVGE, CROSS REVGE AT OR ABOVE 1500 AND AT OR BELOW 220 KIAS, THEN ON TRACK 309.54 TO BEBLE, THEN ON TRACK 340.13 TO RGIII, THEN ON TRACK 291.89 TO CUKLI, THEN ON TRACK 221.61 TO POOCH, CROSS POOCH AT OR ABOVE 3000, THENCE...

TAKEOFF RWY 15: CLIMB ON HEADING 153.64 TO 515, THEN RIGHT TURN DIRECT CAPVC, THEN ON TRACK 277.02 TO GAITE, THEN ON TRACK 255.72 TO DMKRT, THEN ON TRACK 245.50 TO POOCH, CROSS POOCH AT OR ABOVE 3000, THENCE...

TAKEOFF RWY 19: CLIMB ON HEADING 186.50 TO 515, THEN DIRECT CAPVC, THEN ON TRACK 277.02 TO GAITE, THEN ON TRACK 255.72 TO DMKRT, THEN ON TRACK 245.50 TO POOCH, CROSS POOCH AT OR ABOVE 3000, THENCE...

TAKEOFF RWY 33: CLIMB ON HEADING 333.65 TO 515, THEN DIRECT REVGE, CROSS REVGE AT OR ABOVE 1500 AND AT OR BELOW 220 KIAS, THEN ON TRACK 309.54 TO BEBLE, THEN ON TRACK 340.13 TO RGIII, THEN ON TRACK 291.89 TO CUKLI, THEN ON TRACK 221.61 TO POOCH, CROSS POOCH AT OR ABOVE 3000, THENCE...

THEN ON TRACK 240.11 TO SCRAM, THEN AS DEPICTED. MAINTAIN 5000. EXPECT CLEARANCE TO FILED ALTITUDE WITHIN 10 MINUTES AFTER DEPARTURE.

DAVISON AAF, LEESBURG EXECUTIVE, WINCHESTER RGNL, EASTERN WV RGNL/SHEPHERD FLD:

CLIMB ON HEADING ASSIGNED BY ATC, EXPECT RADAR VECTORS TO POOCH, THEN ON TRACK 240.11 TO SCRAM, THENCE...

...AS DEPICTED. MAINTAIN 3000, EXPECT CLEARANCE TO FILED ALTITUDE WITHIN 10 MINUTES AFTER DEPARTURE.

WASHINGTON DULLES INTL:

TAKEOFF RWY 1L, 1C, 1R, 19L, 19C, 19R, 30: CLIMB ON HEADING ASSIGNED BY ATC, EXPECT RADAR VECTORS TO POOCH, THEN ON TRACK 240.11 TO SCRAM THENCE...

...AS DEPICTED. MAINTAIN 3000. EXPECT CLEARANCE TO 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>
GLANC	SCRAM6.GLANC	SCRAM	DANOO	241.48	27.88	9800		
		DANOO	WALCE	242.00	33.42	16400		
		WALCE	GLANC	227.67	20.99	18000		

PROCEDURAL DATA NOTES:

NOTE: RNAV 1.

NOTE: RADAR REQUIRED.

NOTE: DME/DME/IRU OR GPS REQUIRED.

NOTE: TURBO-JETS 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 P-56, CLIMB ON HEADING 006.50, TURN LEFT AS SOON AS PRACTICAL TO INTERCEPT COURSE 330.75 TO REVGE.

NOTE (KDCA ONLY): PILOTS SHALL COMPLY WITH RONALD REAGAN NATIONAL AIRPORT NOISE ABATEMENT AND PROHIBITED AREA (P-56) AVOIDANCE PROCEDURES AS DEFINED IN THE CHART SUPPLEMENT SPECIAL NOTICES.

NOTE (KJYO ONLY): TAKEOFF RWY 35 REQUIRES A CLIMB TO 1200 ON HEADING 353.00 BEFORE PROCEEDING ON THE ATC ASSIGNED HEADING FOR OBSTACLE AVOIDANCE.



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NOTE (KOKV ONLY): TAKEOFF RWY 32 REQUIRES A CLIMB TO 2500 ON HEADING 341.00 BEFORE PROCEEDING ON THE ATC ASSIGNED HEADING FOR OBSTACLE AVOIDANCE.

NOTE (KMRB ONLY): TAKEOFF RWY 8, IF ISSUED AN ATC HEADING THAT REQUIRES A WESTBOUND TURN, CLIMB HEADING 081.00 TO 1200 PRIOR TO TURNING FOR OBSTACLE AVOIDANCE.

NOTE (KMRB ONLY): TAKEOFF RWY 26, IF ISSUED AN ATC HEADING THAT REQUIRES A RIGHT TURN, CLIMB HEADING 261.00 TO 2400 PRIOR TO TURNING FOR OBSTACLE AVOIDANCE.

TAKEOFF MINIMUMS:

RONALD REAGAN WASHINGTON NATIONAL:

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.

IF UNABLE TO ACCEPT CLIMB RATE, ADVISE ATC ON INITIAL CONTACT.

WASHINGTON DULLES INTL:

RWY 1C, 1L, 1R, 19C, 19L, 19R, 30, STANDARD WITH A MINIMUM CLIMB OF 500 FT PER NM TO 820.

DAVISON AAF:

RWY 14, STANDARD. RWY 32, 400-2 OR STANDARD WITH MINIMUM CLIMB OF 300 FT PER NM TO 500.

LEESBURG EXECUTIVE:

RWY 17, 35, STANDARD.

WINCHESTER RGNL:

RWY 14, STANDARD. RWY 32, STANDARD WITH MINIMUM CLIMB OF 240 FT PER NM TO 1900.

EASTERN WV RGNL/SHEPHERD FLD:

RWY 8, STANDARD. RWY 26, STANDARD WITH A MINIMUM CLIMB OF 225 FT PER NM TO 2100.

TAKEOFF OBSTACLES NOTES:

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

CONTROLLING OBSTACLES:

RONALD REAGAN WASHINGTON NATIONAL

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).

DAVISON AAF

RWY 32: 307 FT MSL TREES 384346.49N/0771234.41W (CLIMB GRADIENT). 375 FT MSL TOWER 384426.02N/0771231.20W (CLIMB-TO ALTITUDE, CEILING, VISIBILITY).

LEESBURG EXECUTIVE

RWY 17: 976 FT MSL AAO 390830.64N/0773619.25W (DEPARTURE ROUTE).

WINCHESTER RGNL

RWY 32: 1609 FT MSL AAO 391208.75N/0781357.55W (CLIMB GRADIENT, CLIMB-TO ALTITUDE). 2765 FT MSL TOWER 391057.22N/0782321.77W (DEPARTURE ROUTE).

EASTERN WV RGNL/SHEPHERD FLD

RWY 8, - 1899 FT MSL AAO 392511.60N/0780520.80W (DEPARTURE ROUTE).

RWY 26 - 1699 FT MSL AAO 392141.50N/0780804.10W (CLIMB GRADIENT, CLIMB-TO ALTITUDE). 2379 FT MSL AAO 392613.25N/0781139.30W (DEPARTURE ROUTE).

LOST COMMUNICATIONS PROCEDURES:

ADDITIONAL FLIGHT DATA:

REFERENCE MAG VAR: KDCA 11W EPOCH YR: 2020.

DME/DME ASSESSMENT: SAT (RNP 2.0).

DO NOT CHART MOCAS

CHART SPEED ICONS: MAXIMUM SPEED 220 KIAS AT REVGE.

CHART: P56A, P56B

CHART: CROSS REVGE AT OR ABOVE 1500.

CHART: CROSS POOCH AT OR ABOVE 3000.



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RONALD REAGAN WASHINGTON NATIONAL - CHART: TOP ALTITUDE: 5000.

WASHINGTON DULLES INTL - CHART: TOP ALTITUDE: 3000.

DAVISON AAF - CHART: TOP ALTITUDE: 3000.

LEESBURG EXECUTIVE - CHART: TOP ALTITUDE: 3000.

WINCHESTER RGNL - CHART: TOP ALTITUDE: 3000.

EASTERN WV RGNL/SHEPHERD FLD - CHART: TOP ALTITUDE: 3000.

AIRPORTS SERVED:

<u>AIRPORT NAME</u>	<u>AIRPORT ID</u>	<u>CITY</u>	<u>STATE</u>
RONALD REAGAN WASHINGTON NATIONAL	KDCA	WASHINGTON	DC
WASHINGTON DULLES INTL	KIAD	WASHINGTON	DC
DAVISON AAF	KDAA	FORT BELVOIR	VA
LEESBURG EXECUTIVE	KJYO	LEESBURG	VA
WINCHESTER RGNL	KOKV	WINCHESTER	VA
EASTERN WV RGNL/SHEPHERD FLD	KMRB	MARTINSBURG	WV

COMMUNICATIONS:

RONALD REAGAN WASHINGTON NATIONAL: ATIS, CLNC DEL, GND CON, TOWER, DEP CON 118.95/257.2

WASHINGTON DULLES INTL: ATIS, CLNC DEL, GND CON, TOWER, DEP CON 126.65/350.2

DAVISON AAF: ATIS, CLNC DEL, GND CON, TOWER, DEP CON

LEESBURG EXECUTIVE: AWOS, CLNC DEL, CTAF, DEP CON

WINCHESTER RGNL: AWOS, CLNC DEL, CTAF, DEP CON,

EASTERN WV RGNL/SHEPHERD FLD: ASOS, CLNC DEL, GND CON, TOWER, DEP CON

FIXES AND/OR NAVAIDS:

REMARKS:

WAIVER AND APPROVAL LETTER REQUESTED AT KDCA FOR LEG LENGTHS LESS THAN MINIMUM REQUIRED BY CRITERIA AND FOR CLIMB GRADIENTS EXCEEDING 500 FT PER NM.

APPROVAL LETTER REQUESTED FOR TURN OF WITHIN 45 DEGREES OF COMMON ROUTE COURSE.

THE ENVIROMENTAL REVIEW UNDER ORDER 1050.1F AND THE NOISE SCREENING HAS BEEN ACCOMPLISHED.

ATC RESTRICTS VECTORED AIRCRAFT TO AT OR BELOW 17,000 UNTIL TURN ONTO THE ROUTE AT IF.

FLIGHT INSPECTED BY

BOB S PRESSLER

OFFICE

FICO

DATE

10/27/2020

DEVELOPED BY

JAMES LAFFERTY

Digitally signed by

DAVID TEFFETELLER

Oct 22, 2020

OFFICE

AJV-A433

DATE

02/12/2020

APPROVED BY

GEORGE DAVIS

Digitally signed by

DAVID TEFFETELLER

Oct 22, 2020

OFFICE

AJV-A430

DATE

TITLE

MANAGER

QUALITY
18
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>
SCRAM	SIX	SCRAM6.SCRAM	FIVE	03/26/2020	31 DEC 2020

REQUIRED EFFECTIVE DATE

ROUTINE

COORDINATED WITH:

A4A ☒
ALPA ☒
AOPA ☒
APA ☒
HAI ☐
NBAA ☒
OTHER:

CHANGES - REASONS:

1. REMOVED FIX ADAXE AND ADDED FIX REVGE - REQUEST OF USSS, MOVED TRACK FURTHER FROM P56.
2. REMOVED FIXES COVTO AND FERGI, ADDED FIX RGIII - REQUEST OF COMMUNITY GROUPS TO FACILATE A MORE SOUTHERLY TRACK TO CULKI.
3. ADDED ALTITUDE AT RGIII - ATC REQUEST TO ALLOW CLIMB VIA CLEARANCE.
4. CHANGED PROEDURAL DATA NOTE FROM "RWY 1 DEPARTURES REMAIN CLEAR OF P-56, CLIMB HEADING 006.49, TURN LEFT AS SOON AS PRACTICAL TO INTERCEPT COURSE 334.00 TO ADAXE" TO "RWY 1 DEPARTURE REMAIN CLEAR OF P-56, CLIMB ON HEADING 006.50, THEN TURN LEFT AS SOON AS PRACTICAL TO INTERCEPT COURSE 330.75 TO REVGE" - NOTE REFLECTS CHANGE FROM FIX ADAXE TO REVGE.
5. CHANGED RWY 1 MAGNETIC HEADING FROM 006.49 TO 006.50 - UPDATED SURVEY DATA.
6. CHANGED ALL KDCA DP ROUTE DESCRIPTIONS BY ADDING MORE DETAILED TRACK TO FIX INFORMATION - ATC REQUESTED.
7. DELETED FIXES FROM FIXES AND/OR NAVAIDS SECTION - ALL CHARTED FIXES ARE LISTED WITHIN THE DP ROUTE DESCRIPTION.
8. REMOVED PILOT NAVIGATION AREA - NO LONGER REQUIRED BY CRITERIA.
9. ADDED IF UNABLE TO ACCEPT CLIMB RATE, ADVISE ATC ON INITIAL CONTACT - ATC REQUEST.

05/19/20: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 03/19/20.

1. ADDED **NOTE:** TURBO-JETS ONLY.

10/22/20: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 03/19/20.

1. CHANGED RWY01 VI LEG DIST FROM 1.79 TO .61



**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>
SCRAM		SIX		SCRAM6.SCRAM		FIVE		03/26/2020	31 DEC 2020
<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>
RW01 (AER)	385029.65N/0770212.29W	N	-	-	-	-			
-	385216.80N/0770223.08W	-	-	VI	355.50	.61			CG 825 FT/NM TO 600
REVGE	385359.46N/0770414.24W	Y	FB	CF	319.75	2.24	AT/ABOVE 1500	AT/BELOW 220K	
BEBLE	385455.81N/0770626.92W	Y	FB	TF	298.54	1.96			
RGIII	385800.54N/0770848.38W	Y	FB	TF	329.13	3.58			
CUKLI	385910.33N/0771634.81W	Y	FB	TF	280.89	6.17			
POOCH	382718.56N/0774031.56W	Y	FB	TF	210.61	36.94	AT/ABOVE 3000		
RW15 (AER)	385140.18N/0770235.87W	N	-	-	-	-			
515 MSL	-	-	-	VA	142.64	-	AT/ABOVE 515		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	AT/ABOVE 3000		
RW19 (AER)	385140.29N/0770219.41W	N	-	-	-	-			
515 MSL	-	-	-	VA	175.50	-	AT/ABOVE 515		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	AT/ABOVE 3000		

QUALITY
18
CHECKED

DP NAME					NUMBER	DP COMPUTER CODE	SUPERSEDED NUMBER	DATED	ACTUAL EFFECTIVE DATE
SCRAM					SIX	SCRAM6.SCRAM	FIVE	03/26/2020	31 DEC 2020
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
RW33 (AER)	385059.29N/0770155.95W	N	-	-	-	-			
515 MSL	-	-	-	VA	322.65	-	AT/ABOVE 515		CG 540 FT/NM TO 640
REVGE	385359.46N/0770414.24W	Y	FB	DF	-	-	AT/ABOVE 1500	AT/BELOW 220K	
BEBLE	385455.81N/0770626.92W	Y	FB	TF	298.54	1.96			
RGIII	385800.54N/0770848.38W	Y	FB	TF	329.13	3.58			
CUKLI	385910.33N/0771634.81W	Y	FB	TF	280.89	6.17			
POOCH	382718.56N/0774031.56W	Y	FB	TF	210.61	36.94	AT/ABOVE 3000		
TRANSITIONS									
POOCH	382718.56N/0774031.56W	Y	-	IF	-	-	AT/ABOVE 3000		
SCRAM	382216.20N/0774754.77W	Y	FB	TF	229.11	7.68			
SCRAM	382216.20N/0774754.77W	Y	-	IF	-	-		SCRAM6.GLANC	
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			

