

**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
GRAPHIC DEPARTURE PROCEDURES (DP)**

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<u>DP NAME</u>	<u>NUMBER</u>	<u>DP COMPUTER CODE</u>	<u>SUPERSEDED NUMBER</u>	<u>DATED</u>	<u>EFFECTIVE DATE</u>
SCRAM	FOUR	SCRAM4.SCRAM	THREE	03/31/2016	
<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 HEADING 006.49 TO INTERCEPT COURSE 334.00 TO ADAXE, THEN ON DEPICTED ROUTE TO SCRAM, THENCE...

TAKEOFF RWY 15: CLIMB HEADING 153.64 TO 515, THEN RIGHT TURN DIRECT CAPVC, THEN ON DEPICTED ROUTE TO SCRAM, THENCE...

TAKEOFF RWY 19: CLIMB HEADING 186.50 TO 515, THEN DIRECT CAPVC, THEN ON DEPICTED ROUTE TO SCRAM, THENCE...

TAKEOFF RWY 33: CLIMB HEADING 333.65 TO 515, THEN RIGHT TURN DIRECT ADAXE, THEN ON DEPICTED ROUTE TO SCRAM, THENCE...

...ON LYNCHBURG TRANSITION. MAINTAIN 5000. EXPECT CLEARANCE TO FILED ALTITUDE WITHIN TEN (10) MINUTES AFTER DEPARTURE.

WASHINGTON DULLES INTL

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

...ON LYNCHBURG TRANSITION. MAINTAIN 3000. EXPECT CLEARANCE TO FILED ALTITUDE WITHIN TEN (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...

...ON LYNCHBURG TRANSITION, MAINTAIN ALTITUDE ASSIGNED BY ATC, EXPECT CLEARANCE TO FILED ALTITUDE WITHIN TEN (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>
LYNCHBURG	SCRAM4.LYH	SCRAM	DANOO	TRACK 241.48	27.88	15600	4000	
			WALCE	TRACK 242.00	33.42	FL180		
			GLANC	TRACK 227.67	20.99	FL180		
			LYH VORTAC	TRACK 228.07	13.98	FL180		

PROCEDURAL DATA NOTES:

NOTE: RNAV 1.

NOTE: RADAR REQUIRED.

NOTE: DME/DME/IRU OR GPS REQUIRED.

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

NOTE (KDCA ONLY): 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.

NOTE (KDCA ONLY): PILOTS SHALL COMPLY WITH RONALD REAGAN WASHINGTON 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.

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 1300 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.

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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.

WASHINGTON DULLES INTL

RWY 1C, 1L, 1R, 19C, 19L, 19R, 30, STANDARD WITH 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:

RONALD REAGAN WASHINGTON NATIONAL

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 15, ELECTRICAL SYSTEMS BEGINNING 178 FT FROM DER, 288 FT RIGHT OF CENTERLINE, UP TO 10 FT AGL/19 FT MSL. TREES 1.4 NM FROM DER, 13 FT RIGHT OF CENTERLINE, UP TO 94 FT AGL/245 FT MSL. TREES 1.5 NM FROM DER, 520 FT RIGHT OF CENTERLINE, UP TO 80 FT AGL/235 FT MSL.

NOTE: RWY 19, TREES 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, 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.

WASHINGTON DULLES INTL

NOTE: RWY 1C, TREES 2815 FT FROM DER, 1031 FT LEFT OF CENTERLINE, UP TO 80 FT AGL/345 FT MSL. SIGN 64 FT FROM DER, 303 FT RIGHT OF CENTERLINE, 13 FT AGL/272 FT MSL.

NOTE: RWY 1L, TOWER 1917 FT FROM DER, 680 FT LEFT OF CENTERLINE, 51 FT AGL/330 FT MSL.

NOTE: RWY 19C, SIGN 100 FT FROM DER, 472 FT LEFT OF CENTERLINE, 4 FT AGL/289 FT MSL. VEHICLES ON ROAD 24 FT FROM DER, 274 FT RIGHT OF CENTERLINE, UP TO 15 FT AGL/293 FT MSL.

NOTE: RWY 30, TREES 2264 FT FROM DER, 1033 FT RIGHT OF CENTERLINE, UP TO 72 FT AGL/383 FT MSL.

DAVISON AAF

NOTE: RWY 14, TREES 190 FT FROM DER, 492 FT LEFT OF CENTERLINE, 129 FT MSL. TREES 1126 FT FROM DER, 595 FT RIGHT OF CENTERLINE, 157 FT MSL. TREES BEGINNING 1318 FT FROM DER, 660 FT RIGHT OF CENTERLINE, UP TO 181 FT MSL. TREES 3102 FT FROM DER, 846 FT RIGHT OF CENTERLINE, 192 FT MSL.

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NOTE: RWY 32, GEN UTILITIES BEGINNING 138 FT FROM DER, 519 FT RIGHT OF CENTERLINE, UP TO 28 FT AGL/75 FT MSL. TREES 348 FT FROM DER, 455 FT RIGHT OF CENTERLINE, 100 FT MSL. TREES 889 FT FROM DER, 560 FT LEFT OF CENTERLINE, 141 FT MSL. TREES 941 FT FROM DER, 293 FT LEFT OF CENTERLINE, 142 FT MSL. TREES 1897 FT FROM DER, 600 FT LEFT OF CENTERLINE, 155 FT MSL. POLE 2090 FT FROM DER, 741 FT RIGHT OF CENTERLINE, 35 FT AGL/132 FT MSL. TREES 2100 FT FROM DER, 650 FT LEFT OF CENTERLINE, 155 FT MSL. T-L TOWERS BEGINNING 1 NM FROM DER, 323 FT RIGHT OF CENTERLINE, UP TO 108 FT AGL/243 FT MSL. TREES 1.1 NM FROM DER, 1749 FT LEFT OF CENTERLINE, 307 FT MSL. TREES 1.2 NM FROM DER, 1692 FT LEFT OF CENTERLINE, 308 FT MSL. T-L TOWERS BEGINNING 1.2 NM FROM DER, 265 FT LEFT OF CENTERLINE, UP TO 85 FT AGL/308 FT MSL. TOWER 1.4 NM FROM DER, 1883 FT RIGHT OF CENTERLINE, 83 FT AGL/319 FT MSL. TOWER 1.5 NM FROM DER, 1328 FT RIGHT OF CENTERLINE, 149 FT AGL/375 FT MSL.

LEESBURG EXECUTIVE

NOTE: RWY 17, VEHICLE ON ROADWAY, 320 FT FROM DER, 565 FT LEFT OF CENTERLINE, UP TO 15 FT AGL/414 FT MSL. BUILDING 167 FT FROM DER, 360 FT LEFT OF CENTERLINE, 22 FT AGL/401 FT MSL. POLE 958 FT FROM DER, 373 FT LEFT OF CENTERLINE, 32 FT AGL/421 FT MSL. TREES BEGINNING 138 FT FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 100 FT AGL/464 FT MSL.
NOTE: RWY 35, TERRAIN 96 FT FROM DER, 453 FT LEFT OF CENTERLINE, 381 FT MSL. TREE 1078 FT FROM DER, 525 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/413 FT MSL. POLE 638 FT FROM DER, 642 FT RIGHT OF CENTERLINE, 49 FT AGL/428 FT MSL.

WINCHESTER RGNL

NOTE: RWY 14, TREE 496 FT FROM DER, 587 FT RIGHT OF CENTERLINE, 720 FT MSL. TREE 591 FT FROM DER, 561 FT LEFT OF CENTERLINE, 729 FT MSL. TREE 594 FT FROM DER, 566 FT LEFT OF CENTERLINE, 730 FT MSL. TREE 1490 FT FROM DER, 652 FT RIGHT OF CENTERLINE, 739 FT MSL. TREE 1491 FT FROM DER, 666 FT RIGHT OF CENTERLINE, 743 FT MSL. TREE 1971 FT FROM DER, 778 FT RIGHT OF CENTERLINE, 753 FT MSL. TREE 2048 FT FROM DER, 882 FT RIGHT OF CENTERLINE, 761 FT MSL. TREES BEGINNING 2059 FT FROM DER, 876 FT RIGHT OF CENTERLINE, UP TO 765 FT MSL.
NOTE: RWY 32, TERRAIN BEGINNING 2 FT FROM DER, 428 FT LEFT OF CENTERLINE, UP TO 729 FT MSL. TREE 86 FT FROM DER, 508 FT LEFT OF CENTERLINE, 762 FT MSL. TREE 94 FT FROM DER, 474 FT LEFT OF CENTERLINE, 763 FT MSL. TREE 102 FT FROM DER, 478 FT LEFT OF CENTERLINE, 764 FT MSL. TREES BEGINNING 118 FT FROM DER, 209 FT LEFT OF CENTERLINE, UP TO 772 FT MSL. TREE 374 FT FROM DER, 596 FT RIGHT OF CENTERLINE, 774 FT MSL. TREES BEGINNING 452 FT FROM DER, 482 FT RIGHT OF CENTERLINE, UP TO 776 FT MSL. TREE 1589 FT FROM DER, 243 FT LEFT OF CENTERLINE, 774 FT MSL. TREES BEGINNING 1610 FT FROM DER, 248 FT LEFT OF CENTERLINE, UP TO 777 FT MSL. TREES BEGINNING 1718 FT FROM DER, 269 FT LEFT OF CENTERLINE, UP TO 782 FT MSL. TREE 1754 FT FROM DER, 291 FT LEFT OF CENTERLINE, 786 FT MSL. TREE 1760 FT FROM DER, 754 FT LEFT OF CENTERLINE, 791 FT MSL. TREES BEGINNING 1774 FT FROM DER, 27 FT LEFT OF CENTERLINE, UP TO 794 FT MSL. TREES BEGINNING 1974 FT FROM DER, 9 FT RIGHT OF CENTERLINE, UP TO 787 FT MSL. TREES BEGINNING 2169 FT FROM DER, 625 FT RIGHT OF CENTERLINE, UP TO 799 FT MSL. TREES BEGINNING 2255 FT FROM DER, 742 FT RIGHT OF CENTERLINE, UP TO 805 FT MSL.

EASTERN WV RGNL/SHEPHERD FLD

NOTE: RWY 8, TREE 704 FT FROM DER, 278 FT RIGHT OF CENTERLINE, 587 FT MSL. TREE 827 FT FROM DER, 575 FT LEFT OF CENTERLINE, 592 FT MSL. TREES BEGINNING 879 FT FROM DER, 340 FT RIGHT OF CENTERLINE, UP TO 593 FT MSL. TREES BEGINNING 984 FT FROM DER, 309 FT LEFT OF CENTERLINE, UP TO 594 FT MSL. TREE 1322 FT FROM DER, 392 FT RIGHT OF CENTERLINE, 599 FT MSL. TREES BEGINNING 1510 FT FROM DER, 553 FT RIGHT OF CENTERLINE, UP TO 602 FT MSL. TREE 1729 FT FROM DER, 503 FT RIGHT OF CENTERLINE, 603 FT MSL.
NOTE: RWY 26, TERRAIN 165 FT FROM DER, 468 FT RIGHT OF CENTERLINE, UP TO 569 FT MSL.

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



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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 YEAR: 2020. DME/DME ASSESSMENT: SAT (RNP 2.0)

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.

CHART: P56A, P-56B.

CHART SPEED ICON (KDCA ONLY): MAXIMUM SPEED 220 KIAS AT ADAXE.

CHART (KIAD, KDAW, KJYO, KOKV, AND KRMB ONLY): MEA/MOCA FROM POOCH TO SCRAM, 10100/1800.

PILOT NAVIGATION AREA:

10 NM ARC CENTERED ON POOCH (IF), CW

FROM: POINT A (BEARING 195 TO POOCH)

TO: POINT B (BEARING 285 TO POOCH)

MINIMUM ALTITUDE - 8500

AIRPORTS SERVED:

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

COMMUNICATIONS:

RONALD REAGAN WASHINGTON NATIONAL: ATIS, CLNC DEL, GND CON, TOWER, DEP CON.

WASHINGTON DULLES INTL: ATIS, CLNC DEL, GND CON, TOWER, DEP CON.

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

LEESBURG EXECUTIVE: AWOS, CLNC DEL, UNICOM, DEP CON.

WINCHESTER RGNL: AWOS, CLNC DEL, UNICOM, DEP CON.

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



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FIXES AND/OR NAVAIDS:

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

REMARKS:

1. WAIVER AND APPROVAL LETTER ON FILE AT KDCA FOR LEG LENGTHS LESS THAN MINIMUM REQUIRED BY CRITERIA AND FOR CLIMB GRADIENTS EXCEEDING 500 FT PER NM.
2. APPROVAL LETTER REQUESTED FOR KOKV AND KMRB NOT BEING WITHIN MAX 45 DEGREE PNA SPLAY.
3. KDCA RWY 1 MAGNETIC HEADING IN AIRNAV WAS UPDATED FROM 006.49 TO 006.50. WILL RETAIN FLIGHT INSPECTED AND AFS APPROVED VALUE OF 006.49 FOR THIS PROCEDURE.
4. KDAA RWY 32 CLIMB GRADIENT ROUNDED TO 300 FT PER NM FOR PUBLICATION (COMPUTED VALUE 295 FT PER NM).
5. KOKV RWY 32 CLIMB GRADIENT ROUNDED TO 240 FT PER NM FOR PUBLICATION (COMPUTED VALUE 234 FT PER NM).
6. KMRB RWY 26 CLIMB GRADIENT ROUNDED TO 225 FT PER NM FOR PUBLICATION (COMPUTED VALUE 222 FT PER NM).

FLIGHT INSPECTED BY:

FLIGHT INSPECTION NOT REQUIRED- PROCESSED IAW
FLIGHT INSPECTION TEAM (AJW-333) MEMO, MAY 30, 2017

Digitally signed by
DONALD H LANIER
Dec 26, 2017

OFFICE SYMBOL:

DATE:

DEVELOPED BY:

BEV BORDY (CHRISTINE BAYSE)

Digitally signed by
DONALD H LANIER
Dec 26, 2017

OFFICE SYMBOL:

DATE:

AJV-5433

09/14/2017

APPROVED BY:

PATRICK MULQUEEN

Digitally signed by
DONALD H LANIER
Dec 26, 2017

OFFICE SYMBOL:

DATE:

AJV-5430

REQUIRED EFFECTIVE DATE:

ROUTINE

COORDINATED WITH:

<u>A4A</u>	<u>ALPA</u>	<u>AOPA</u>	<u>APA</u>	<u>HAI</u>	<u>NBAA</u>
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

OTHER:

ZDC, POTOMAC APP CON, DCA ATCT, DAA ATCT, MRB ATCT, ARPT MGR(S)

CHANGES - REASONS:

1. UPDATED DP ROUTE DESCRIPTION ALL HEADINGS AND COURSES BY ADDING 2 DEGREES. -MAG VAR UPDATED FROM 9W TO 11W.
2. UPDATED TRANSITION ROUTE TRACK COURSES BY ADDING 2 DEGREES. - MAG VAR UPDATED FROM 9W TO 11W.
3. UPDATED ALL PROCEDURE DATA NOTES WITH COURSES BY ADDING 2 DEGREES. - MAG VAR UPDATED FROM 9W TO 11W.
4. UPDATED ADDITIONAL FLIGHT DATA REFERENCE MAG VAR FROM KDCA 9W EPOCH YEAR 1985 TO KDCA 11W EPOCH YEAR 2020.- MAG VAR ROTATION.
5. UPDATED ADDITIONAL FLIGHT DATA PILOT NAVIGATION AREA BEARINGS POINT A FROM 193 TO 195 AND POINT B FROM 283 TO 285.- MAG VAR UPDATED FROM 9W TO 11W.
6. UPDATED REMARK FROM "KDCA 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 PROCEDURE" TO "KDCA RWY 1 MAGNETIC HEADING IN AIRNAV WAS UPDATED FROM 006.49 TO 006.50. WILL RETAIN FLIGHT INSPECTED AND AFS APPROVED VALUE OF 006.49 FOR THIS PROCEDURE". - MAG VAR UPDATED FROM 9W TO 11W.
7. UPDATED THE RECOMMENDED NAVAID FROM DCA VOR/DME TO BAL VORTAC. - DUE TO THE MAG VAR CHANGE.

QUALITY
4
CHECKED

**FEDERAL AVIATION ADMINISTRATION
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DEPARTURE (DATA RECORD)**

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SCRAM							FOUR	SCRAM4.SCRAM	THREE	03/31/2016	
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: BAL VORTAC	
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					
RW15 (AER)	385140.18N/0770235.87W	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					
RW19 (AER)	385140.29N/0770219.41W	N	-	-	-	-					
515 MSL		-	-	VA	175.50	-				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					

QUALITY
4

QUALITY
4
CHECKED

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

DP NAME		NUMBER		DP COMPUTER CODE		SUPERSEDED NUMBER		DATED		EFFECTIVE DATE	
SCRAM		FOUR		SCRAM4.SCRAM		THREE		03/31/2016			
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	-			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					
CUKLI	385910.33N/0771634.81W	Y	FB	TF	269.64	4.48					
POOCH	382718.56N/0774031.56W	Y	FB	TF	210.61	36.94					
POOCH	382718.56N/0774031.56W	Y	-	IF	-	-					
SCRAM	382216.20N/0774754.77W	Y	FB	TF	229.11	7.68					
SCRAM	382216.20N/0774754.77W	Y	-	IF	-	-			SCRAM4.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					

