

**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SUPERSEDED NUMBER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>EFFECTIVE DATE</u>
DOCTR	FIVE	DOCTR5.DOCTR	FOUR	03/29/2018	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:

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 337.81 TO COVTO, THEN ON TRACK 343.56 TO ALEEX, THEN ON TRACK 049.64 TO DOGUE, CROSS DOGUE AT OR ABOVE 4000 AND AT OR BELOW 250 KIAS, THEN ON TRACK 106.31 TO RIISE, THEN ON TRACK 100.76 TO DOCTR, CROSS DOCTR AT OR ABOVE 5000, THENCE ...

TAKEOFF RWY 4: CLIMB ON HEADING 036.56 TO INTERCEPT COURSE 080.68 TO ERECA, THEN ON TRACK 085.94 TO DOCTR, CROSS DOCTR AT OR ABOVE 5000, THENCE ...

TAKEOFF RWY 15: CLIMB ON HEADING 153.64 TO INTERCEPT COURSE 207.31 TO LEAVY, THEN ON TRACK 180.67 TO FIMBI, CROSS FIMBI AT OR ABOVE 1500 AND AT OR BELOW 230 KIAS, THEN ON TRACK 101.50 TO MOTBE, THEN ON TRACK 042.28 TO GDYUP, THEN ON TRACK 075.27 TO HMBGR, THEN ON TRACK 078.26 TO DOCTR, CROSS DOCTR AT OR ABOVE 5000, THENCE ...

TAKEOFF RWY 19: CLIMB ON HEADING 186.50 TO 515, THEN DIRECT FIMBI, CROSS FIMBI AT OR ABOVE 1500 AND AT OR BELOW 230 KIAS, THEN ON TRACK 101.50 TO MOTBE, THEN ON TRACK 042.28 TO GDYUP, THEN ON TRACK 075.27 TO HMBGR, THEN ON TRACK 078.26 TO DOCTR, CROSS DOCTR AT OR ABOVE 5000, 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 337.81 TO COVTO, THEN ON TRACK 343.56 TO ALEEX, THEN ON TRACK 049.64 TO DOGUE, CROSS DOGUE AT OR ABOVE 4000 AND AT OR BELOW 250 KIAS, THEN ON TRACK 106.31 TO RIISE, THEN ON TRACK 100.76 TO DOCTR, CROSS DOCTR AT OR ABOVE 5000, THENCE ...

...ON ASSIGNED TRANSITION. MAINTAIN 5000. 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>
AGARD	DOCTR5.AGARD	DOCTR	AGARD	TRACK 093.74	16.23	11400	1700	
DUPONT	DOCTR5.DQO	DOCTR	DQO VORTAC	TRACK 053.90	54.92	10000	1600	

PROCEDURAL DATA NOTES:

NOTE: RNAV 1.

NOTE: RADAR REQUIRED.

NOTE: TURBO-JETS ONLY.

NOTE: DQO TRANSITION ATC ASSIGNED ONLY.

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: 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: 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: DO NOT EXCEED 220 KIAS UNTIL REVGE.

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 4, 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

TAKEOFF OBSTACLES NOTES:

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

QUALITY
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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 11W EPOCH YEAR: 2020. DME/DME ASSESSMENT: SAT (RNP 2.0)

CHART: TOP ALTITUDE: 5000.**CHART SPEED ICONS:** MAXIMUM SPEED 220 KIAS AT REVGE; MAXIMUM SPEED 230 KIAS AT FIMBI; MAXIMUM SPEED 250 KIAS AT DOGUE.**CHART:** P56A, P-56B.**CHART:** MEA FROM RIISE TO DOCTR, 10000.**AIRPORTS SERVED:**

<u>AIRPORT NAME</u>	<u>CITY</u>	<u>STATE</u>
RONALD REAGAN WASHINGTON NATIONAL	WASHINGTON	DC

COMMUNICATIONS:

ATIS, CLNC DEL, GND CON, TOWER, DEP CON 125.65/348.725

FIXES AND/OR NAVAIDS:**REMARKS:**

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

DME/DME ASSESSMENT: SAT (RNP 2.0).

DO NOT CHART MOCAS.

WAIVER FOR INITIAL LEG LENGTH IS REQUESTED.

APPROVAL FOR CLIMB GRADIENT ABOVE 500 FT PER NM IS REQUESTED.

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



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DOCTR	FIVE	DOCTR5.DOCTR	FOUR	03/29/2018	31 DEC 2020

FLIGHT INSPECTED BY:

BOB S PRESSLER

Digitally signed by
DAVID TEFFETELLER
Oct 28, 2020

OFFICE SYMBOL: FICO
DATE: 10/27/2020

DEVELOPED BY:

FRANK MOORE

Digitally signed by
DAVID TEFFETELLER
Oct 22, 2020

OFFICE SYMBOL: AJV-A433
DATE: 02/07/2020

APPROVED BY:

GEORGE DAVIS

Digitally signed by
DAVID TEFFETELLER
Oct 22, 2020

OFFICE SYMBOL: AJV-A430
DATE:

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, ARPT MGR

CHANGES - REASONS:

1. REMOVED PILOT NAVIGATION AREA - NO LONGER REQUIRED BY CRITERIA.
2. REMOVED ADAXE FROM RWY 1, 33 TRANSITIONS; ADDED REVGE - TO COMPLY WITH USSS REQUIREMENT TO MITIGATE P56 INCURSIONS.
3. ADDED ALTITUDES AT DOGUE, FIMBI AND REVGE- TO COMPLY WITH CRITERIA REQUIRING ALTITUDE WHERE SPEED IS CODED.
4. ADDED ALTITUDE AT DOCTR - TO MAKE THE PROCEDURE WORK AS A "CLIMB VIA" PROCEDURE.
5. CHANGED RWY 4 TRANSITION ROUTE - TO COMPLY WITH DESIGN CRITERIA.
6. UPDATED NOTE:RWY 1 DEPARTURES REMAIN CLEAR OF P-56, CLIMB ON HEADING 006.50, TURN LEFT AS SOON AS PRACTICAL TO INTERCEPT COURSE 334.00 TO ADAXE.- REFLECTS CHANGE FROM ADAXE TO REVGE.
7. CHANGED RWY 1 MAGNETIC HEADING FROM 006.49 TO 006.50. - NEW SURVEY.
8. THE WORD "ON" INSERTED BETWEEN "CLIMB" AND "HEADING" IN RUNWAY DEPARTURE ROUTE DESCRIPTIONS - 8260.46G, APPENDIX E.3.E.
9. TAKEOFF OBSTACLES NOTES REMOVED AND NOTE ADDED: SEE FORM 8260-15A, TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP) - IAW 8260.46G.
10. FIXES AND/OR NAVAIDS ADAXE, BEBLE, COVTO, ALEEX, DOGUE, MOTBE, GDUYUP, HMBGR DELETED - ALL CHARTED FIXES ARE LISTED WITHIN THE DP ROUTE DESCRIPTION.
11. TAKEOFF MINIMUMS: ADDED IF UNABLE TO ACCEPT CLIMB RATE, ADVISE ATC ON INITIAL CONTACT - ATC REQUEST.

10/22/20: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 02/17/20.

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

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DEPARTURE (DATA RECORD)**

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DOCTR		FIVE		DOCTR5.DOCTR		FOUR		03/29/2018		31 DEC 2020		
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS			
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						
COVTO	385649.58N/0770802.23W	Y	FB	TF	326.81	2.26						
ALEEX	385902.29N/0770930.51W	Y	FB	TF	332.56	2.49						
DOGUE	390230.96N/0770556.51W	Y	FB	TF	038.64	4.45	AT/ABOVE 4000	AT/BELOW 250K				
RIISE	390033.66N/0763941.13W	Y	FB	TF	095.31	20.55						
DOCTR	390035.58N/0762450.75W	Y	FB	TF	089.76	11.57	AT/ABOVE 5000					
RW04 (AER)*	385029.84N/0770228.15W*	N	-	-	-	-	*DISPL THLD (200 FT)					
	385207.25N/0770128.56W	-	-	VI	025.56	01.80	CG 500 FT/NM TO 515					
ERECAL	385207.67N/0765107.09W	Y	FB	CF	069.68	08.63						
DOCTR	390035.58N/0762450.75W	Y	FB	TF	074.94	21.21	AT/ABOVE 5000					
RW15 (AER)	385140.18N/0770235.87W	N	-	-	-	-						
	385010.63N/0770108.46W	-	-	VI	142.64	1.88	CG 500 FT/NM TO 515					
LEAVY	384819.33N/0770150.09W	Y	FB	CF	196.31	1.93						
FIMBI	384508.90N/0770105.77W	Y	FB	TF	169.67	3.22	AT/ABOVE 1500	AT/BELOW 230K				
MOTBE	384506.25N/0765501.47W	Y	FB	TF	090.50	4.75						
GDYUP	385149.38N/0764948.10W	Y	FB	TF	031.28	7.86						
HMBGR	385638.04N/0763659.08W	Y	FB	TF	064.27	11.10						

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<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>
DOCTR	390035.58N/0762450.75W	Y	FB	TF	067.26	10.26	AT/ABOVE 5000		
RW19 (AER)	385140.29N/0770219.41W	N	-	-	-	-			
515 MSL		-	-	VA	175.50	-	AT/ABOVE 515		CG 500 FT/NM TO 515
FIMBI	384508.90N/0770105.77W	Y	FB	DF	-	-	AT/ABOVE 1500	AT/BELOW 230K	
MOTBE	384506.25N/0765501.47W	Y	FB	TF	090.50	4.75			
GDYUP	385149.38N/0764948.10W	Y	FB	TF	031.28	7.86			
HMBGR	385638.04N/0763659.08W	Y	FB	TF	064.27	11.10			
DOCTR	390035.58N/0762450.75W	Y	FB	TF	067.26	10.26	AT/ABOVE 5000		
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	RIGHT TURN
BEBLE	385455.81N/0770626.92W	Y	FB	TF	298.54	1.96			
COVTO	385649.58N/0770802.23W	Y	FB	TF	326.81	2.26			
ALEEX	385902.29N/0770930.51W	Y	FB	TF	332.56	2.49			
DOGUE	390230.96N/0770556.51W	Y	FB	TF	038.64	4.45	AT/ABOVE4000	AT/BELOW 250K	
RIISE	390033.66N/0763941.13W	Y	FB	TF	095.31	20.55			
DOCTR	390035.58N/0762450.75W	Y	FB	TF	089.76	11.57	AT/ABOVE 5000		
DOCTR	390035.58N/0762450.75W	Y	-	IF	-	-	AT/ABOVE 5000		DOCTR5.AGARD
AGARD	390236.89N/0760411.14W	Y	FB	TF	082.74	16.23			

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<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>
DOCTR	390035.58N/0762450.75W	Y	-	IF	-	-	AT/ABOVE 5000		DOCTR5.DQO
DQO VORTAC	394041.30N/0753625.51W	Y	FB	TF	042.90	54.92			

