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 statue miles or feet RVR unless otherwise indicated.

DP NAME	NUMBER	DP COMPUTER CODE	SUPERSEDED NUMBER	DATED	ACTUAL EFFECTIVE DATE
SOOKI	FIVE	SOOKI5.SOOKI	FOUR	03/29/2018	31 DEC 2020

TYPE:	OBSTACLE	COPTER	SID	SPECIAL	RNAV
	☐	☐	☒	☐	☒

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 091.61 TO PHERB, THEN ON TRACK 090.68 TO SOOKI, CROSS SOOKI AT OR ABOVE 5000, THENCE...

TAKEOFF RWY 4: CLIMB ON HEADING 036.56 TO INTERCEPT COURSE 080.68 TO ERECA, THEN ON TRACK 063.08 TO SOOKI, CROSS SOOKI 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 053.07 TO RIISE, THEN ON TRACK 055.81 TO SOOKI, CROSS SOOKI 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 053.07 TO RIISE, THEN ON TRACK 055.81 TO SOOKI, CROSS SOOKI 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 091.61 TO PHERB, THEN ON TRACK 090.68 TO SOOKI, CROSS SOOKI AT OR ABOVE 5000, THENCE...

...ON SWANN TRANSITION. MAINTAIN 5000. EXPECT FILES ALTITUDE WITHIN 10 MINUTES AFTER DEPARTURE.

TRANSITION ROUTES (GRAPHIC DEPICTION ONLY):

TRANSITION NAME	TRANSITION COMPUTER CODE	FROM FIX/NAVAID	TO FIX/NAVAID	COURSE	DISTANCE	MEA	MOCA	CROSSING ALTITUDE/FIXES
SWANN	SOOKI5.SWANN	SOOKI	SWANN	TRACK 092.67	13.84	7800	1500	

PROCEDURAL DATA NOTES:

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: 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: TURBO-JETS ONLY.

TAKEOFF MINIMUMS:

RWY 1, STANDARD WITH MINIMUM CLIMB OF 825 FT PER NM TO 600.
RWY 4, 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.

TAKEOFF OBSTACLES NOTES:

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

QUALITY 18 CHECKED

DP NAME	NUMBER	DP COMPUTER CODE	SUPERSEDED NUMBER	DATED	ACTUAL EFFECTIVE DATE
SOOKI	FIVE	SOOKI5.SOOKI	FOUR	03/29/2018	31 DEC 2020

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).
DO NOT CHART: MOCAS
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: CROSS REVGE AT OR ABOVE 1500.
CHART: CROSS DOGUE AT OR ABOVE 4000.
CHART: CROSS FIMBI AT OR ABOVE 1500.
CHART: CROSS SNOOKI AT OR ABOVE 5000.

AIRPORTS SERVED:

AIRPORT NAME	AIRPORT ID	CITY	STATE
RONALD REAGAN WASHINGTON NATIONAL	KDCA	WASHINGTON	DC

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

FIXES AND/OR NAVAIDS:

REMARKS:
WAIVER FOR INITIAL LEG LENGTH IS REQUESTED.
APPROVAL FOR CLIMB GRADIENT ABOVE 500 FT PER NM IS REQUESTED.
THE ENVIORNMENTAL REVIEW UNDER ORDER 1050.1F AND THE NOISE SCREENING HAS BEEN ACCOMPLISHED.

FLIGHT INSPECTED BY		OFFICE	DATE
BOB S PRESSLER	*Digitally signed by* ***DAVID TEFFETELLER*** Oct 28, 2020	FICO	10/27/2020

DEVELOPED BY		OFFICE	DATE
JAMES LAFFERTY	*Digitally signed by* ***DAVID TEFFETELLER*** Oct 22, 2020	AJV-A433	02/11/2020

APPROVED BY		OFFICE	DATE	TITLE
GEORGE DAVIS	*Digitally signed by* ***DAVID TEFFETELLER*** Oct 22, 2020	AJV-A430		MANAGER

REQUIRED EFFECTIVE DATE
ROUTINE

COORDINATED WITH:

A4A ☒ **ALPA** ☒ **AOPA** ☒ **APA** ☒ **HAI** ☐ **NBAA** ☒ **OTHER:** ZDC, POTOMAC APP CON, DCA ATCT, ARPT MGR.

QUALITY 18 CHECKED

DP NAME	NUMBER	DP COMPUTER CODE	SUPERSEDED NUMBER	DATED	ACTUAL EFFECTIVE DATE
SOOKI	FIVE	SOOKI5.SOOKI	FOUR	03/29/2018	31 DEC 2020

CHANGES - REASONS:

1. DELETED PILOT NAVIGATION AREA (PNA) - NO LONGER REQUIRED PER CRITERIA.
2. DELETED FIX ADAXE AND ADDED FIX REVGE - TO COMPLY WITH USSS REQUIREMENTS TO MITIGATE P-56 INCURSIONS.
3. ADDED CROSSING ALTITUDES AT DOGUE, FIMBI, REVGE - CRITERIA NOW REQUIRES A CROSSING ALTITUDE AT A SPEED ADJUSTMENT LOCATION.
4. ADDED A CROSSING ALTITUDE AT SOOKI - PROCEDURE IS NOW A "CLIMB VIA" DEPARTURE.
5. CHANGED RWY 4 TRANSITION ROUTE BY ADDING FIX ERECA - UPDATED RUNWAY TRANSITION MEETS UDATED DESIGN CRITERIA.
6. CHANGED PROCEDURAL 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 DEPARTURES REMAIN CLEAR OF P-56, CLIMB ON HEADING 006.50, TURN LEFT AS SOON AS PRACTICAL TO INTERCEPT COURSE 330.75 TO REVGE" - CHANGES DUE TO CHANGE IN INITIAL FIX LOCATION FROM ADAXE TO REVGE.
7. CHANGED RWY 1 MAGNETIC HEADING FROM "006.49" TO "006.50" - UPDATED SURVEY DATA.
8. CHANGED ALL DP ROUTE DESCRIPTIONS BY ADDING MORE DETAILED TRACK TO FIX INFORMATION - ATC REQUESTED.
9. DELETED FIXES FROM FIXES AND/OR NAVAIDS SECTION - ALL CHARTED FIXES ARE LISTED WITHIN THE DP ROUTE DESCRIPTION.
10. TAKEOFF OBSTACLES NOTES REMOVED AND NOTE ADDED: SEE FORM 8260-15A, TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP) - IAW 8260.46G.
11. TAKEOFF MINIMUMS: 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 03/20/20.
1. ADDED **NOTE:** TURBO-JETS ONLY.

10/22/20: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 03/20/20.
1. CHANGED RWY01 VI LEG DIST FROM 1.79 TO .61

QUALITY 18 CHECKED

FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
DEPARTURE (DATA RECORD)

DP NAME	NUMBER	DP COMPUTER CODE	SUPERSEDED NUMBER	DATED	ACTUAL EFFECTIVE DATE
SOOKI	FIVE	SOOKI5.SOOKI	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	
PHERB	390514.11N/0764435.81W	Y	FB	TF	080.61	16.85			
SOOKI	390706.18N/0763120.23W	Y	FB	TF	079.68	10.49	AT/ABOVE 5000		
RW04 (AER)*	385029.84N/0770228.15W	N	-	-	-	-			*DISPL THLD (200.0 FT)
-	385207.25N/0770128.56W	-	-	VI	025.56	1.80			CG 500 FT/NM TO 515
ERECA	385507.67N/0765107.09W	Y	FB	CF	069.68	8.63			
SOOKI	390706.18N/0763120.23W	Y	FB	TF	052.08	19.51	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			
RIISE	390033.66N/0763941.13W	Y	FB	TF	042.07	11.77			

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DP NAME	NUMBER	DP COMPUTER CODE	SUPERSEDED NUMBER	DATED	ACTUAL EFFECTIVE DATE
SOOKI	FIVE	SOOKI5.SOOKI	FOUR	03/29/2018	31 DEC 2020

FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
SOOKI	390706.18N/0763120.23W	Y	FB	TF	044.81	9.22	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			
RIISE	390033.66N/0763941.13W	Y	FB	TF	042.07	11.77			
SOOKI	390706.18N/0763120.23W	Y	FB	TF	044.81	9.22	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	
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	
PHERB	390514.11N/0764435.81W	Y	FB	TF	080.61	16.85			
SOOKI	390706.18N/0763120.23W	Y	FB	TF	079.68	10.49	AT/ABOVE 5000		
	TRANSITIONS								
SOOKI	390706.18N/0763120.23W	Y	-	IF	-	-	AT/ABOVE 5000		SOOKI5.SWANN
SWANN	390905.28N/0761343.94W	Y	FB	TF	081.67	13.84			

QUALITY 18 CHECKED