

**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SUPERSEDED NUMBER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>
KALLI	SIX	KALLI6.KALLI	FIVE	01/03/2019	
<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 2: CLIMB ON HEADING 023.46 TO 687, THEN CLIMBING LEFT TURN DIRECT TO CROSS SUGGR AT OR ABOVE 5000, THEN ON TRACK 262.61 TO KALLI, THENCE...

TAKEOFF RWY 16: CLIMB ON HEADING 157.46 TO 687, THEN CLIMBING RIGHT TURN DIRECT TO CROSS ITTEM AT OR ABOVE 5000, THEN ON TRACK 274.78 TO KALLI, THENCE...

TAKEOFF RWY 20: CLIMB ON HEADING 203.46 TO 687, THEN CLIMBING RIGHT TURN DIRECT TO CROSS ITTEM AT OR ABOVE 5000, THEN ON TRACK 274.78 TO KALLI, THENCE...

TAKEOFF RWY 34: CLIMB ON HEADING 337.47 TO 687, THEN CLIMBING LEFT TURN DIRECT TO CROSS SUGGR AT OR ABOVE 5000, THEN ON TRACK 262.61 TO KALLI, THENCE...

...ON ASSIGNED TRANSITION. MAINTAIN 5000, EXPECT FILED ALTITUDE WITHIN TEN 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	KALLI6.LYH	KALLI	READE	TRACK 261.60	34.38	12800	1800	
		READE	LYH VOR/DME	TRACK 278.10	43.50	FL180	3700	
MONTEBELLO	KALLI6.MOL	KALLI	READE	TRACK 261.60	34.38	12800	1800	
		READE	MOL VOR/DME	TRACK 325.21	52.44	FL180	6300	
SANNY	KALLI6.SANNY	KALLI	READE	TRACK 261.60	34.38	12800	1800	
		READE	DRAIK	TRACK 264.39	32.58	16000	3100	
		DRAIK	SANNY	TRACK 263.99	28.65	FL180	4300	

PROCEDURAL DATA NOTES:

NOTE: DME/DME/IRU OR GPS REQUIRED.

NOTE: RNAV 1.

NOTE: RADAR REQUIRED FOR NON-GPS EQUIPPED AIRCRAFT.

TAKEOFF MINIMUMS:

RWYS 2, 16, 20, 34: STANDARD WITH MINIMUM CLIMB OF 500 FT PER NM TO 687.

TAKEOFF OBSTACLES NOTES:

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

CONTROLLING OBSTACLES:

RWY 2: 321 FT MSL TOWER 373155.55N/0771932.65W.

LOST COMMUNICATIONS PROCEDURES:



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KALLI	SIX	KALLI6.KALLI	FIVE	01/03/2019	

ADDITIONAL FLIGHT DATA:

REFERENCE MAG VAR: KRIC 10W EPOCH YEAR: 2020.

DME/DME ASSESSMENT: SAT (RNP 2.0).

CHART: TOP ALTITUDE: 5000.

AIRPORTS SERVED:

<u>AIRPORT NAME</u>	<u>CITY</u>	<u>STATE</u>
RICHMOND INTL (KRIC)	RICHMOND	VA

COMMUNICATIONS:

CLNC DEL, ATIS, GND CON, TOWER, PTC DEP CON (186-360)

FIXES AND/OR NAVAIDS:

REMARKS:

CLIMB TO 687 MSL REQUEST BY ATC TO STANDARDIZE TAKEOFF INSTRUCTIONS WITH KALLI AND LUCYL SIDS.

ABBREVIATED AMENDMENT.

FLIGHT INSPECTED BY:

PROCESSED IAW AIRCRAFT OPERATIONS GROUP (AJW-33) MEMO, OCTOBER, 3, 2018, SUBJECT: FLIGHT INSPECTION

REVIEW NOT REQUIRED.

DEVELOPED BY:

WARDELL HENNING (STEVEN SCHUTRUM)

Digitally signed by
WARDELL HENNING
Aug 23, 2019

OFFICE SYMBOL: **DATE:**

Digitally signed by

WARDELL HENNING

Aug 23, 2019

OFFICE SYMBOL: **DATE:**

AJV-A432

09/13/2018

APPROVED BY:

LONNIE EVERHART

Digitally signed by
WARDELL HENNING
Aug 23, 2019

OFFICE SYMBOL: **DATE:**

AJV-A430

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, RIC ATCT, AMGR

CHANGES - REASONS:

1. REVOKED ALL REFERENCE TO RWY 7/25 - CONVERTED TO TAXIWAY.

QUALITY
42
CHECKED

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

DP NAME		NUMBER	DP COMPUTER CODE	SUPERSEDED NUMBER	DATED	EFFECTIVE DATE			
KALLI		SIX	KALLI6.KALLI	FIVE	01/03/2019				
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
RW02 (AER)	372955.95N/0771946.77W	N	-	-	-	-			
687 MSL		-	-	VA	013.46	-			CG 500 FT/NM TO 687.
SUGGR	372914.94N/0773329.09W	Y	FB	DF	-	-	AT/ABOVE 5000		LEFT TURN.
KALLI	372754.50N/0773850.85W	Y	FB	TF	252.61	4.47			
RW16 (AER)	373059.89N/0771924.88W	N	-	-	-	-			
687 MSL		-	-	VA	147.46	-			CG 500 FT/NM TO 687.
ITTEM	372818.98N/0773316.46W	Y	FB	DF	-	-	AT/ABOVE 5000		RIGHT TURN
KALLI	372754.50N/0773850.85W	Y	FB	TF	264.78	4.46			
RW20 (AER)	373059.47N/0771927.68W	N	-	-	-	-			
687 MSL		-	-	VA	193.47	-			CG 500 FT/NM TO 687.
TTEM	372818.98N/0773316.46W	Y	FB	DF	-	-	AT/ABOVE 5000		RIGHT TURN
KALLI	372754.50N/0773850.85W	Y	FB	TF	264.78	4.46			
RW34 (AER)	372944.86N/0771824.79W	N	-	-	-	-			
687 MSL		-	-	VA	327.47	-			CG 500 FT/NM TO 687.
SUGGR	372914.94N/0773329.09W	Y	FB	DF	-	-	AT/ABOVE 5000		LEFT TURN.
KALLI	372754.50N/0773850.85W	Y	FB	TF	252.61	4.47			
KALLI	372754.50N/0773850.85W	Y	-	IF	-	-			KALLI6.LYH
READE	371655.53N/0781943.84W	Y	FB	TF	251.60	34.38			

QUALITY

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KALLI							SIX	KALLI6.KALLI	FIVE	01/03/2019	
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED		REMARKS	
LYH VOR/DME	371516.48N/0791410.97W	Y	FB	TF	268.10	43.50					
KALLI	372754.50N/0773850.85W	Y	-	IF	-	-				KALLI6.MOL	
READE	371655.53N/0781943.84W	Y	FB	TF	251.60	34.38					
MOL VOR/DME	375401.89N/0790624.80W	Y	FB	TF	315.21	52.44					
KALLI	372754.50N/0773850.85W	Y	-	IF	-	-				KALLI6.SANNY	
READE	371655.53N/0781943.84W	Y	FB	TF	251.60	34.38					
DRAIK	370802.15N/0785858.56W	Y	FB	TF	254.39	32.58					
SANNY	370002.59N/0793321.07W	Y	FB	TF	253.99	28.65					

