

**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SUPERSEDED NUMBER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>
NATCA	FIVE	NATCA5.NATCA	FOUR	08/17/2017	19 JULY 2018
<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 type="checkbox"/>	<input checked="" type="checkbox"/>

DP ROUTE DESCRIPTION:

TAKEOFF RWY 6: CLIMB HEADING 063.81 TO 1120, THEN AS ASSIGNED BY ATC, EXPECT RADAR VECTORS TO NATCA. THENCE...

TAKEOFF RWY 24: CLIMB HEADING 243.83 TO 1120, THEN AS ASSIGNED BY ATC, EXPECT RADAR VECTORS TO NATCA. THENCE...

TAKEOFF RWY 11: CLIMB HEADING 123.17 TO 1120, THEN LEFT TURN DIRECT FUNKE, CROSS FUNKE AT OR ABOVE 2500, THEN ON DEPICTED ROUTE TO NATCA. THENCE...

TAKEOFF RWY 12L, 12R: CLIMB HEADING 123.19 TO 1120, THEN LEFT TURN DIRECT FUNKE, CROSS FUNKE AT OR ABOVE 2500, THEN ON DEPICTED ROUTE TO NATCA. THENCE...

TAKEOFF RWY 29: CLIMB HEADING 303.18 TO 1120, THEN RIGHT TURN DIRECT DSAPP, CROSS DSAPP AT OR ABOVE 2500, THEN ON DEPICTED ROUTE TO NATCA. THENCE...

TAKEOFF RWY 30L: CLIMB HEADING 303.20 TO 1120, THEN RIGHT TURN DIRECT WOLTR, CROSS WOLTR AT OR ABOVE 2500, THEN ON DEPICTED ROUTE TO NATCA. THENCE...

TAKEOFF RWY 30R: CLIMB HEADING 303.21 TO 1120, THEN RIGHT TURN DIRECT WOLTR, CROSS WOLTR AT OR ABOVE 2500, THEN ON DEPICTED ROUTE TO NATCA. THENCE...

... (TRANSITION). MAINTAIN 5000, EXPECT FILED ALTITUDE 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>
SPINNER	NATCA5.SPI	NATCA	SPI VORTAC	TRACK 027.03	33.73	16500	2200	

PROCEDURAL DATA NOTES:

NOTE: RNAV 1.

NOTE: DME/DME/IRU OR GPS REQUIRED.

NOTE: RADAR REQUIRED.

NOTE: FOR USE BY TURBOJET AIRCRAFT ONLY.

TAKEOFF MINIMUMS:

RWY 6: STANDARD WITH MINIMUM CLIMB OF 500 FT PER NM TO 1120 THEN MINIMUM CLIMB OF 290 FT PER NM TO 5000.

RWY 24: STANDARD WITH MINIMUM CLIMB OF 500 FT PER NM TO 1120 THEN MINIMUM CLIMB OF 270 FT PER NM TO 5000.

RWY 11, 12L, 12R: STANDARD WITH MINIMUM CLIMB OF 500 FT PER NM TO FUNKE.

RWY 29: STANDARD WITH MINIMUM CLIMB OF 500 FT PER NM TO DSAPP.

RWY 30L, 30R: STANDARD WITH MINIMUM CLIMB OF 500 FT PER NM TO WOLTR.

TAKEOFF OBSTACLES NOTES:

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

CONTROLLING OBSTACLES:

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LOST COMMUNICATIONS PROCEDURES:**ADDITIONAL FLIGHT DATA:**

REFERENCE MAG VAR: KSTL 1W, EPOCH YEAR: 2020

DME/DME ASSESSMENT: SAT (RNP 2.0)

CHART: TOP ALTITUDE: 5000**PILOT NAVIGATION AREA:**

7 NM ARC CENTERED ON NATCA (IF), CW

FROM: POINT A (BEARING 342 DEGREES TO NATCA)

TO: POINT B (BEARING 072 DEGREES TO NATCA)

MINIMUM ALTITUDE - 10000

AIRPORTS SERVED:

<u>AIRPORT NAME</u>	<u>CITY</u>	<u>STATE</u>
ST LOUIS LAMBERT INTL	ST LOUIS	MO

COMMUNICATIONS:

ATIS, CLNC DEL, GND CON, GND METER, DEP CON, TOWER

FIXES AND/OR NAVAIDS:

BEART, ANNII

REMARKS:

ABBREVIATED AMENDMENT, SPEED RESTRICTION "ACCELERATE TO 250 KIAS; IF UNABLE, ADVISE ATC' DELETED.

ABBREVIATED AMENDMENT, DOES NOT SATISFY PERIODIC REVIEW REQUIREMENTS.

KSHEE THREE WAS ALSO AN ABBREVIATED AMENDMENT. FLIGHT CHECK MAPS AND RNAV PRO RUNS FROM KSHEE TWO USED IN "S" AND "P" FILES.

FLIGHT INSPECTED BY:**OFFICE SYMBOL:****DATE:**FLIGHT INSPECTION REVIEW NOT REQUIRED - PROCESSED IAW AIRCRAFT OPERATIONS GROUP (AJW-333) MEMO,
DEC 22, 2017.**DEVELOPED BY:****OFFICE SYMBOL:****DATE:**LONNIE EVERHART
(EDUARDO LIMA)

AJV-5400

04/26/2018

APPROVED BY:**OFFICE SYMBOL:****DATE:**

LONNIE EVERHART

AJV-5400

QUALITY
4
CHECKED

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NATCA	FIVE	NATCA5.NATCA	FOUR	08/17/2017	19 JULY 2018

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:

ZKC, STL APP CON, STL ATCT, AMGR

CHANGES - REASONS:

SPEED RESTRICTION NOTE "ACCELERATE TO 250 KIAS; IF UNABLE, ADVISE ATC" DELETED.

QUALITY
4
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**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
DEPARTURE (DATA RECORD)**

DP NAME							NUMBER	DP COMPUTER CODE	SUPERSEDED NUMBER	DATED	EFFECTIVE DATE
NATCA							FIVE	NATCA5.NATCA	FOUR	08/17/2017	19 JULY 2018
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED		REMARKS	
RW06 (AER)	384448.04N/0902252.43W	N	-	-	-	-					
1120 MSL		-	-	VA	062.81	-				CG 500 FT/NM TO 1120	
		-	-	VM	062.81	-				CG 290 FT/NM TO 5000	
NATCA	392004.75N/0895952.83W	Y	FB	DF	-	-					
RW11 (AER)	384535.83N/0902435.55W	N	-	-	-	-					
1120 MSL		-	-	VA	122.17	-				CG 500 FT/NM TO FUNKE	
FUNKE	384339.26N/0901535.58W	Y	FB	DF	-	-	AT/ABOVE 2500			LEFT TURN	
BEART	384535.04N/0901239.30W	Y	FB	TF	050.00	3.00					
NATCA	392004.75N/0895952.83W	Y	FB	TF	016.04	35.87					
RW12L (AER)	384506.41N/0902158.66W	N	-	-	-	-					
1120 MSL		-	-	VA	122.19	-				CG 500 FT/NM TO FUNKE	
FUNKE	384339.26N/0901535.58W	Y	FB	DF	-	-	AT/ABOVE 2500			LEFT TURN	
BEART	384535.04N/0901239.30W	Y	FB	TF	050.00	3.00					
NATCA	392004.75N/0895952.83W	Y	FB	TF	016.04	35.87					
RW12R (AER)*	384511.59N/0902239.98W*	N	-	-	-	-				*DISPL THLD (467)	
1120 MSL		-	-	VA	122.19	-				CG 500 FT/NM TO FUNKE	
FUNKE	384339.26N/0901535.58W	Y	FB	DF	-	-	AT/ABOVE 2500			LEFT TURN	
BEART	384535.04N/0901239.30W	Y	FB	TF	050.00	3.00					
NATCA	392004.75N/0895952.83W	Y	FB	TF	016.04	35.87					

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NATCA		FIVE	NATCA5.NATCA	FOUR	08/17/2017	19 JULY 2018			
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
RW24 (AER)	384522.38N/0902127.02W	N	-	-	-	-			
1120 MSL		-	-	VA	242.83	-			CG 500 FT/NM TO 1120
		-	-	VM	242.83	-			CG 270 FT/NM TO 5000
NATCA	392004.75N/0895952.83W	Y	FB	DF	-	-			
RW29 (AER)	384448.46N/0902259.39W	N	-	-	-	-			
1120 MSL		-	-	VA	302.18	-			CG 500 FT/NM TO DSAPP
DSAPP	385001.06N/0902638.98W	Y	FB	DF	-	-	AT/ABOVE 2500		RIGHT TURN
NATCA	392004.75N/0895952.83W	Y	FB	TF	034.62	36.56			
RW30L (AER)*	384417.08N/0902049.42W*	N	-	-	-	-			*DISPL THLD (201)
1120 MSL		-	-	VA	302.20	-			CG 500 FT/NM TO WOLTR
WOLTR	384941.32N/0902503.02W	Y	FB	DF	-	-	AT/ABOVE 2500		RIGHT TURN
ANNII	385252.69N/0902322.37W	Y	FB	TF	022.35	3.45			
NATCA	392004.75N/0895952.83W	Y	FB	TF	033.81	32.76			
RW30R (AER)	384418.99N/0902022.51W	N	-	-	-	-			
1120 MSL		-	-	VA	302.21	-			CG 500 FT/NM TO WOLTR
WOLTR	384941.32N/0902503.02W	Y	FB	DF	-	-	AT/ABOVE 2500		RIGHT TURN
ANNII	385252.69N/0902322.37W	Y	FB	TF	022.35	3.45			
NATCA	392004.75N/0895952.83W	Y	FB	TF	033.81	32.76			

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NATCA		FIVE		NATCA5.NATCA		FOUR		08/17/2017	19 JULY 2018
<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>
NATCA	392004.75N/0895952.83W	Y	-	IF	-	-			NATCA5.SPI
SPI VORTAC	395023.04N/0894039.85W	Y	FB	TF	026.03	33.73			

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