

**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SUPERSEDED NUMBER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>ACTUAL EFFECTIVE DATE</u>
ROTRY	SIX	ROTRY6.ROTRY	FIVE	07/19/2018	07 AUG 2025
<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 11: CLIMB ON HEADING 123.17 TO 1120, THEN LEFT TURN DIRECT FUNKE, CROSS FUNKE AT OR ABOVE 2500 AND AT OR BELOW 240 KIAS, THEN ON TRACK 051.00 TO CROSS BEART AT OR ABOVE 3000 AND AT OR BELOW 240 KIAS, THEN ON DEPICTED ROUTE TO ROTRY, CROSS ROTRY AT OR ABOVE 5000, THENCE...

TAKEOFF RWY 12L/12R: CLIMB ON HEADING 123.19 TO 1120, THEN LEFT TURN DIRECT FUNKE, CROSS FUNKE AT OR ABOVE 2500 AND AT OR BELOW 240 KIAS, THEN ON TRACK 051.00 TO CROSS BEART AT OR ABOVE 3000 AND AT OR BELOW 240 KIAS, THEN ON DEPICTED ROUTE TO ROTRY, CROSS ROTRY AT OR ABOVE 5000, THENCE...

TAKEOFF RWY 29: CLIMB ON HEADING 303.19 TO 1120, THEN RIGHT TURN DIRECT DSAPP, CROSS DSAPP AT OR ABOVE 2500 AND AT OR BELOW 240 KIAS. THEN ON TRACK 018.75 TO ROTRY, CROSS ROTRY AT OR ABOVE 5000, THENCE...

TAKEOFF RWY 30L/30R: CLIMB ON HEADING 303.21 TO 1120, THEN RIGHT TURN DIRECT WOLTR, CROSS WOLTR AT OR ABOVE 2500 AND AT OR BELOW 240 KIAS, THEN ON TRACK 016.60 TO ROTRY, CROSS ROTRY AT OR ABOVE 5000, THENCE...

... ON 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>
SKUTR	ROTRY6.SKUTR	ROTRY	SKUTR	TRACK 11.03	42.09	18000	2300	

PBN REQUIREMENT NOTES:

RNAV 1 - DME/DME/IRU OR GPS REQUIRED.

EQUIPMENT REQUIREMENT NOTES:

RADAR REQUIRED.

PROCEDURAL DATA NOTES:

NOTE: FOR USE BY JET AIRCRAFT ONLY.

TAKEOFF MINIMUMS:

RWY 6, 24: NA - CODING.

RWY 11, 12L, 12R, 29, 30L, 30R: STANDARD WITH MINIMUM CLIMB OF 500 FT/NM TO 1120.

TAKEOFF OBSTACLES NOTES:

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

CONTROLLING OBSTACLES:**MSA:**

MSA FROM KSTL, 3000.

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

DME/DME ASSESSMENT: SAT (RNP 2.0)



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ROTRY	SIX	ROTRY6.ROTRY	FIVE	07/19/2018	07 AUG 2025

CHART: TOP ALTITUDE: 5000
AIRPORT MV: STL 1W/2020.
CHART SPEED ICON MAXIMUM 240 KIAS AT FUNKE.
CHART SPEED ICON MAXIMUM 240 KIAS AT BEART.
CHART SPEED ICON MAXIMUM 240 KIAS AT DSAPP.
CHART SPEED ICON MAXIMUM 240 KIAS AT WOLTR.

AIRPORTS SERVED:

<u>AIRPORT ID</u>	<u>CITY</u>	<u>STATE</u>
KSTL	ST LOUIS	MO

COMMUNICATIONS:

CHART: ATIS, CLNC DEL, GND CON, TOWER

FIXES AND/OR NAVAIDS:

GMSKI

REMARKS:

VEGETATION HEIGHT OF 100 FT USED.

FLIGHT INSPECTED BY

MARK J ROGERS

SIGNATURE
Digitally signed by
RAKE MCGRAW
Jun 10, 2025

OFFICE

AJF

DATE

04/2/2025

DEVELOPED BY

ROBERT HAMILTON (JUDITH TUTTLE)

SIGNATURE
Digitally signed by
RAKE MCGRAW
Jun 10, 2025

OFFICE

AJV-A431

DATE

01/15/2025

APPROVED BY

ROBERT HAMILTON

SIGNATURE
Digitally signed by
RAKE MCGRAW

OFFICE

AJV-A431

DATE**TITLE**

MANAGER

REQUIRED EFFECTIVE DATE

ROUTINE

Jun 10, 2025

COORDINATED WITH:

A4A ☒ **ALPA** ☒ **AOPA** ☒ **APA** ☒ **HAI** ☐ **NBAA** ☒ **OTHER:** ZKC, STL APP CON, STL ATCT, AMGR

CHANGES - REASONS:

1. DP ROUTE DESCRIPTION: UPDATED TAKEOFF RW 6 FROM: "CLIMB HEADING 063.81 TO 1120, THEN AS ASSIGNED BY ATC, EXPECT RADAR VECTORS TO ROTRY. THENCE..." TO "CLIMB ON HEADING 063.82 TO 1120 FOR RADAR VECTORS TO ROTRY, CROSS ROTRY AT OR ABOVE 5000, THENCE ..." - MINIMUM ATC ALTITUDE REQUEST AT ROTRY.
2. DP ROUTE DESCRIPTION: UPDATED TAKEOFF RW 11 FROM: "CLIMB HEADING 123.17 TO 1120, THEN LEFT TURN DIRECT FUNKE, CROSS FUNKE AT OR ABOVE 2500, THEN ON DEPICTED ROUTE TO ROTRY. THENCE..." TO "CLIMB ON HEADING 123.17 TO 1120, THEN LEFT TURN DIRECT FUNKE, CROSS FUNKE AT OR ABOVE 2500 AND AT OR BELOW 240 KIAS, THEN ON TRACK 051.00 TO CROSS BEART AT OR ABOVE 3000 AND AT OR BELOW 240 KIAS, THEN ON DEPICTED ROUTE TO ROTRY, CROSS ROTRY AT OR ABOVE 5000, THENCE ..." - MINIMUM ATC ALTITUDE REQUEST AT BEART AND ROTRY.
3. DP ROUTE DESCRIPTION: UPDATED TAKEOFF RW 12L/12R FROM: "CLIMB HEADING 123.19 TO 1120, THEN LEFT TURN DIRECT FUNKE, CROSS FUNKE AT OR ABOVE 2500, THEN ON DEPICTED ROUTE TO ROTRY. THENCE..." TO "CLIMB ON HEADING 123.19 TO 1120, THEN LEFT TURN DIRECT FUNKE, CROSS FUNKE AT OR ABOVE 2500 AND AT OR BELOW 240 KIAS, THEN ON TRACK 051.00 TO CROSS BEART AT OR ABOVE 3000 AND AT OR BELOW 240 KIAS, THEN ON DEPICTED ROUTE TO ROTRY, CROSS ROTRY AT OR ABOVE 5000, THENCE ..." - MINIMUM ATC ALTITUDE REQUEST AT BEART AND ROTRY.
4. DP ROUTE DESCRIPTION: UPDATED TAKEOFF RW 24 FROM: "CLIMB HEADING 243.83 TO 1120, THEN AS ASSIGNED BY ATC, EXPECT RADAR VECTORS TO ROTRY. THENCE..." TO "CLIMB ON HEADING 243.83 TO 1120 FOR RADAR VECTORS TO ROTRY, CROSS ROTRY AT OR ABOVE 5000, THENCE..." - MINIMUM ATC ALTITUDE REQUEST AT ROTRY.

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CHECKED

DP NAME	NUMBER	DP COMPUTER CODE	SUPERSEDED NUMBER	DATED	ACTUAL EFFECTIVE DATE
ROTRY	SIX	ROTRY6.ROTRY	FIVE	07/19/2018	07 AUG 2025

5. DP ROUTE DESCRIPTION: UPDATED TAKEOFF RW 29 FROM: "CLIMB HEADING 303.18 TO 1120, THEN RIGHT TURN DIRECT DSAPP, CROSS DSAPP AT OR ABOVE 2500, THEN ON DEPICTED ROUTE TO ROTRY. THENCE..." TO "CLIMB ON HEADING 303.19 TO 1120, THEN RIGHT TURN DIRECT DSAPP, CROSS DSAPP AT OR ABOVE 2500 AND AT OR BELOW 240 KIAS. THEN ON TRACK 018.75 TO ROTRY, CROSS ROTRY AT OR ABOVE 5000, THENCE..." - MINIMUM ATC ALTITUDE REQUEST AT DSAPP.
6. DP ROUTE DESCRIPTION: UPDATED TAKEOFF RW 30L FROM: "CLIMB HEADING 303.20 TO 1120, THEN RIGHT TURN DIRECT WOLTR, CROSS WOLTR AT OR ABOVE 2500, THEN ON DEPICTED ROUTE TO ROTRY. THENCE..." AND RWY 30R FROM "CLIMB HEADING 303.21 TO 1120, THEN RIGHT TURN DIRECT WOLTR, CROSS WOLTR AT OR ABOVE 2500, THEN ON DEPICTED ROUTE TO ROTRY. THENCE..." TO RW 30L/30R "CLIMB ON HEADING 303.21 TO 1120, THEN RIGHT TURN DIRECT WOLTR, CROSS WOLTR AT OR ABOVE 2500 AND AT OR BELOW 240 KIAS, THEN ON TRACK 016.60 TO ROTRY, CROSS ROTRY AT OR ABOVE 5000, THENCE..." - MINIMUM ATC ALTITUDE REQUEST AT WOLTR AND ROTRY.
7. TRANSITION ROUTES: REMOVED BDF VORTAC SEGMENT - ATC REQUEST, BDF VORTAC DECOMMISSIONING.
8. TRANSITION ROUTES: UPDATED SKUTR TRANSITION MEA FROM "17800" TO "18000" AND MOCA FROM "2000" TO "2300" - NEW CONTROLLING OBSTACLES IDENTIFIED.
9. PROCEDURAL DATA NOTES: MOVED NOTE: RNAV 1 AND DME/DME/IRU OR GPS REQUIRED FROM PROCEDURAL DATA NOTES TO PBN REQUIREMENT NOTES: RNAV 1 - DME/DME/IRU OR GPS - IAW 8260.46J 2-1-1F(6)(C)5A.
10. PROCEDURAL DATA NOTES: MOVED NOTE: RADAR REQUIRED FROM PROCEDURAL DATA NOTES TO EQUIPEMENT REQUIREMENT NOTES - IAW 8260.46J 2-1-1F(3).
11. TAKEOFF MINIMUMS: UPDATED FROM "RWY 6: STANDARD WITH MINIMUM CLIMB OF 500 FT PER NM TO 1120 THEN MINIMUM CLIMB OF 310 FT PER NM TO 5000. RWY 24: STANDARD WITH MINIMUM CLIMB OF 500 FT PER NM TO 1120 THEN MINIMUM CLIMB OF 290 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." TO "RWY 6: STANDARD," "RWY 24: STANDARD WITH MINIMUM CLIMB OF 205 FT/NM TO 800" AND "RWY 11, 12L, 12R, 29, 30L, 30R: STANDARD WITH MINIMUM CLIMB OF 500 FT PER/TO 1120." - RWY 6/24, NO EARLY TURN; IAW 8260.46J 2-1-1 E.
12. CONTROLLING OBSTACLES: ADDED "RWY 24: 723 MSL TOWER 29-077864 384435.23N/0902421.41W (CLIMB GRADIENT/CLIMB-TO ALTITUDE/CEILING), 723 TOWER 29-083715 384435.28N/0902421.48W (VISIBILITY))" - RWY 24 LNAV ENGAGEMENT CG NO LONGER ALLOWED PER CRITERIA WITHOUT EARLY TURN/OBSTACLE AVOIDANCE, UPDATED EVALUATION MATCHES CURRENT ODP
- AT KSTL, OBSTACLES DOCUMENTED IAW 8260.46J APPENDIX E, SECTION 1, PARA 2J.
13. MSA: ADDED "MSA FROM KSTL, 3000" - IAW 8260.46J APPENDIX E, SECTION 1 PARA 2K.
14. ADDITIONAL FLIGHT DATA: UPDATED NOTE FROM "REFERENCE MAG VAR: KSTL 1W, EPOCH YEAR: 2020" TO "AIRPORT MV: STL 1W/2020" - IAW MEMO 283 MAGVAR DOCUMENTATION FOR STANDARD INSTRUMENT DEPARTURES DTD 7/15/22.
15. ADDITIONAL FLIGHT DATA: ADDED "CHART SPEED ICON MAXIMUM 240 KIAS AT FUNKE," "CHART SPEED ICON MAXIMUM 240 KIAS AT BEART," "CHART SPEED ICON MAXIMUM 240 KIAS AT DSAPP" AND "CHART SPEED ICON MAXIMUM 240 KIAS AT WOLTR" - PER ATC REQUEST TO MEET LEG LENGTH REQUIREMENTS.
16. COMMUNICATIONS: REMOVED "DEP CON" AND "GND METER" - NO LONGER REQUIRED IAW 8260.46J APPENDIX E, SECTION 1 PARA 2O.
17. FIXES AND/OR NAVAIDS: REMOVED "BEART" - INCLUDED IN DP ROUTE DESCRIPTION.
18. REMARKS: ADDED "VEGETATION HEIGHT OF 100 FT USED" - FOR FUTURE SPECIALISTS' INFORMATION.

04/03/25 THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 01/15/25.

1. REMOVED REMARK "WAIVERS (6) FOR VA-DF CONSTRUCTION INDICATING THE PROCEDURE IS NON-STANDARD DUE TO THE OUTSIDE WIND SPIRAL ROLL-OUT POINT IS TOO CLOSE TO DF FIX."

06/10/2025 THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 01/15/2025:

1. DP ROUTE DESCRIPTION: REMOVED "TAKEOFF RWY 6: CLIMB ON HEADING 063.82 TO 1120 FOR RADAR VECTORS TO ROTRY, CROSS ROTRY AT OR ABOVE 5000, THENCE..." AND "TAKEOFF RWY 24: CLIMB ON HEADING 243.83 TO 1120 FOR RADAR VECTORS TO ROTRY, CROSS ROTRY AT OR ABOVE 5000, THENCE..."
2. TAKEOFF MINIMUMS: REMOVED "RWY 6: STANDARD" AND "RWY 24: 200-1 3/8 OR STANDARD WITH MINIMUM CLIMB OF 205 FT/NM TO 800," ADDED "RWY 6, 24: NA - CODING"
3. CONTROLLING OBSTACLES: REMOVED "RWY 24: 723 MSL TOWER (29-077864) 384435.23N/0902421.41W (CLIMB GRADIENT/CLIMB-TO ALTITUDE/CEILING), 723 TOWER (29-083715) 384435.28N/0902421.48W (VISIBILITY)."
4. REMOVED ALL REFERENCES TO RWY 6 AND 24 FROM 8260-15C.



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

<u>DP NAME</u>		<u>NUMBER</u>		<u>DP COMPUTER CODE</u>		<u>SUPERSEDED NUMBER</u>		<u>DATED</u>	<u>ACTUAL EFFECTIVE DATE</u>
ROTRY		SIX		ROTRY6.ROTRY		FIVE		07/19/2018	07 AUG 2025
<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>
RW11 (AER)	384535.83N/0902435.54	N	-	-	-	-			
1120 MSL	-	-	-	VA	122.17	-	AT/ABOVE 1120		CG 500 FT/NM TO 1120
FUNKE	384339.26N/0901535.58W	Y	FB	DF	-	-	AT/ABOVE 2500	AT/BELOW 240K	LEFT TURN
BEART	384535.04N/0901239.30W	Y	FB	TF	050.00	3.00	AT/ABOVE 3000	AT/BELOW 240K	
GMSKI	385005.28N/0901243.23W	Y	FB	TF	359.35	4.50			
ROTRY	392237.69N/0901311.88W	Y	FB	TF	359.35	32.51	AT/ABOVE 5000		
RW12L (AER)	384506.46N/0902158.76W	N	-	-	-	-			
1120 MSL	-	-	-	VA	122.19	-	AT/ABOVE 1120		CG 500 FT/NM TO 1120
FUNKE	384339.26N/0901535.58W	Y	FB	DF	-	-	AT/ABOVE 2500	AT/BELOW 240K	LEFT TURN
BEART	384535.04N/0901239.30W	Y	FB	TF	050.00	3.00	AT/ABOVE 3000	AT/BELOW 240K	
GMSKI	385005.28N/0901243.23W	Y	FB	TF	359.35	4.50			
ROTRY	392237.69N/0901311.88W	Y	FB	TF	359.35	32.51	AT/ABOVE 5000		
RW12R (AER)*	384511.59N/0902239.98W	N	-	-	-	-			*DISPL THLD (468.0 FT)
1120 MSL	-	-	-	VA	122.19	-	AT/ABOVE 1120		CG 500 FT/NM TO 1120
FUNKE	384339.26N/0901535.58W	Y	FB	DF	-	-	AT/ABOVE 2500	AT/BELOW 240K	LEFT TURN
BEART	384535.04N/0901239.30W	Y	FB	TF	050.00	3.00	AT/ABOVE 3000	AT/BELOW 240K	
GMSKI	385005.28N/0901243.23W	Y	FB	TF	359.35	4.50			
ROTRY	392237.69N/0901311.88W	Y	FB	TF	359.35	32.51	AT/ABOVE 5000		
RW29 (AER)	384448.45N/0902249.39W	N	-	-	-	-			

QUALITY
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CHECKED

<u>DP NAME</u>		<u>NUMBER</u>		<u>DP COMPUTER CODE</u>		<u>SUPERSEDED NUMBER</u>		<u>DATED</u>	<u>ACTUAL EFFECTIVE DATE</u>
ROTRY		SIX		ROTRY6.ROTRY		FIVE		07/19/2018	07 AUG 2025
<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>
1120 MSL	-	-	-	VA	302.19	-	AT/ABOVE 1120		CG 500 FT/NM TO 1120
DSAPP	385001.06N/0902638.98W	Y	FB	DF	-	-	AT/ABOVE 2500	AT/BELOW 240K	RIGHT TURN
ROTRY	392237.69N/0901311.88W	Y	FB	TF	017.75	34.22	AT/ABOVE 5000		
RW30L* (AER)	384417.07N/0902049.42W	N	-	-	-	-			*DISPL THLD (201.0 FT)
1120 MSL	-	-	-	VA	302.21	-	AT/ABOVE 1120		CG 500 FT/NM TO 1120
WOLTR	384941.32N/0902503.02W	Y	FB	DF	-	-	AT/ABOVE 2500	AT/BELOW 240K	RIGHT TURN
ROTRY	392237.69N/0901311.88W	Y	FB	TF	015.60	34.18	AT/ABOVE 5000		
RW30R (AER)	384418.99N/0902022.51W	N	-	-	-	-			
1120 MSL	-	-	-	VA	302.21	-	AT/ABOVE 1120		CG 500 FT/NM TO 1120
WOLTR	384941.32N/0902503.02W	Y	FB	DF	-	-	AT/ABOVE 2500	AT/BELOW 240K	RIGHT TURN
ROTRY	392237.69N/0901311.88W	Y	FB	TF	015.60	34.18	AT/ABOVE 5000		
ROTRY	392237.69N/0901311.88W	Y	-	IF	-	-	AT/ABOVE 5000		ROTRY6.SKUTR
SKUTR	400406.09N/0900339.12W	Y	FB	TF	010.03	42.09			

