

**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SUPERSEDED NUMBER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>
BERYY	SIX	BERYY6.BERY	FIVE	07/19/2018	
<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 checked="" type="checkbox"/>

DP ROUTE DESCRIPTION:

TAKEOFF RWY 11: CLIMB ON HEADING 123.17 TO 1120, THEN DIRECT TO CROSS LUUBE AT OR ABOVE 2500, THEN ON DEPICTED ROUTE TO BERY. THENCE...
TAKEOFF RWY 12L, 12R: CLIMB ON HEADING 123.19 TO 1120, THEN DIRECT TO CROSS HEFNR AT OR ABOVE 2500, THEN ON DEPICTED ROUTE TO BERY. THENCE...
TAKEOFF RWY 29: CLIMB ON HEADING 303.19 TO 1120, THEN DIRECT TO CROSS HAGEE AT OR ABOVE 2500, THEN ON DEPICTED ROUTE TO BERY. THENCE...
TAKEOFF RWY 30L, 30R: CLIMB ON HEADING 303.21 TO 1120, THEN DIRECT TO CROSS PYUNG AT OR ABOVE 2500, THEN ON DEPICTED ROUTE TO BERY. 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>
LITTR	BERYY6.LITTR	BERYY	TWRAY	199.95	36.10	6000	2900	
		TWRAY	LITTR	199.16	183.95	6000	2700	

PBN REQUIREMENT NOTES:

RNAV 1 - DME/DME/IRU OR GPS.

EQUIPMENT REQUIREMENT NOTES:

RADAR REQUIRED.

PROCEDURAL DATA NOTES:

FOR USE BY TURBOJET AIRCRAFT ONLY.

TAKEOFF MINIMUMS:

RWY 29: STANDARD.
RWY 11, 12L, 12R, 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:
AIRPORT MV: KSTL 1W/2020.
DME/DME ASSESSMENT: SAT RNP 2.0.
CHART: TOP ALTITUDE: 5000.
CHART: MINIMUM CROSSING ALTITUDE AT BERYY - 5000.

AIRPORTS SERVED:			
AIRPORT ID	CITY	STATE	
KSTL	ST LOUIS LAMBERT INTL	MO	

COMMUNICATIONS:
CHART ATIS, CLNC DEL, GND CON, TOWER.

FIXES AND/OR NAVAIDS:
WAARN, ALLNT, ELDBB, DAFUS, GEJAY.

REMARKS:
ATC REQUESTED LNAV ENGAGEMENT CLIMB OF 500 FT PER NM TO 1120 TO TURN AIRCRAFT AS SOON AS SAFELY POSSIBLE DUE TO THE NEED TO SEPARATE DEPARTURES FROM OTHER TRAFFIC.
MSA CONTROLLING OBSTACLE: 1949 FT MSL TOWER 382139.70N/0903254.60W.
100 FT VEGETATION USED PER FPT.

<div>FLIGHT INSPECTED BY</div> <div>DAVID P MATURO</div>	<div>Digitally signed by</div> <div>ROBERT G HAMILTON</div> <div>Dec 20, 2024</div>	<div>SIGNATURE</div>	<div>OFFICE</div> <div>AJF</div>	<div>DATE</div> <div>12/19/2024</div>	
<div>DEVELOPED BY</div> <div>RAFAEL A. MARTINEZ</div>	<div>Digitally signed by</div> <div>RAFAEL A MARTINEZ</div> <div>Oct 30, 2024</div>	<div>SIGNATURE</div>	<div>OFFICE</div> <div>AJV-A433</div>	<div>DATE</div> <div>04/10/2024</div>	
<div>APPROVED BY</div> <div>BEV L. BORDY</div>	<div>Digitally signed by</div> <div>ROBERT G HAMILTON</div> <div>Dec 20, 2024</div>	<div>SIGNATURE</div>	<div>OFFICE</div> <div>AJV-A430</div>	<div>DATE</div>	<div>TITLE</div> <div>MANAGER</div>
<div>REQUIRED EFFECTIVE DATE</div> <div>ROUTINE</div>					

COORDINATED WITH:

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

CHANGES - REASONS:
1. ADMINISTRATIVE CHANGE TO DP ROUTE DESCRIPTION FROM "CLIMB HEADING" TO "CLIMB ON HEADING" - 8260.46J 3-1-6.B.
2. DP ROUTE DESCRIPTION: TAKEOFF RWY 6: CHANGED FROM "CLIMB HEADING 063.81 TO 1120, THEN AS ASSIGNED BY ATC, EXPECT RADAR VECTORS TO BERYY. THENCE..." TO "CLIMB ON HEADING 063.82 TO 1120, THEN ON HEADING 063.82 FOR RADAR VECTORS TO BERYY. THENCE..." – PER ATC/FPT REQUEST IAW 8260.46J APPENDIX E, SEC 1, PARA 2.C.
3. DP ROUTE DESCRIPTION: TAKEOFF RWY 11: CHANGED FROM "CLIMB HEADING 123.17 TO 1120, THEN DIRECT LUUBE, CROSS LUUBE AT OR ABOVE 2500, THEN ON DEPICTED ROUTE TO BERYY. THENCE..." TO "CLIMB ON HEADING 123.17 TO 1120, THEN DIRECT TO CROSS LUUBE AT OR ABOVE 2500, THEN ON DEPICTED ROUTE TO BERYY. THENCE..." – PER ATC/FPT REQUEST IAW 8260.46J APPENDIX E, SEC 1, PARA 2.C.
4. DP ROUTE DESCRIPTION: TAKEOFF RWY 12L, 12R: CHANGED FROM "CLIMB HEADING 123.19 TO 1120, THEN DIRECT HEFNR, CROSS HEFNR AT OR ABOVE 2500, THEN ON DEPICTED ROUTE TO BERYY. THENCE..." TO "CLIMB ON HEADING 123.19 TO 1120, THEN DIRECT TO CROSS HEFNR AT OR ABOVE 2500, THEN ON DEPICTED ROUTE TO BERYY. THENCE..." – PER ATC/FPT REQUEST IAW 8260.46J APPENDIX E, SEC 1, PARA 2.C.
5. DP ROUTE DESCRIPTION: TAKEOFF RWY 24: CHANGED FROM "CLIMB HEADING 243.83 TO 1120, THEN AS ASSIGNED BY ATC, EXPECT RADAR VECTORS TO BERYY. THENCE..." TO "CLIMB ON HEADING 243.83 TO 1120, THEN ON HEADING 243.83 FOR RADAR VECTORS TO BERYY. THENCE..." – PER ATC/FPT REQUEST IAW 8260.46J APPENDIX E, SEC 1, PARA 2.C.

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BERYY	SIX	BERYY6.BERYY	FIVE	07/19/2018	

6. DP ROUTE DESCRIPTION: TAKEOFF RWY 29: CHANGED FROM "CLIMB HEADING 303.18 TO 1120, THEN DIRECT HAGEE, CROSS HAGEE AT OR ABOVE 2500, THEN ON DEPICTED ROUTE TO BERYY. THENCE..." TO "CLIMB ON HEADING 303.19 TO 1120, THEN DIRECT TO CROSS HAGEE AT OR ABOVE 2500, THEN ON DEPICTED ROUTE TO BERYY. THENCE..." – PER ATC/FPT REQUEST IAW 8260.46J APPENDIX E, SEC 1, PARA 2.C.

7. DP ROUTE DESCRIPTION: TAKEOFF RWY 30L: CHANGED FROM "CLIMB HEADING 303.20 TO 1120, THEN DIRECT PYUNG, CROSS PYUNG AT OR ABOVE 2500, THEN ON DEPICTED ROUTE TO BERYY. THENCE..." TO "CLIMB ON HEADING 303.21 TO 1120, THEN DIRECT TO CROSS PYUNG AT OR ABOVE 2500, THEN ON DEPICTED ROUTE TO BERYY. THENCE..." – PER ATC/FPT REQUEST IAW 8260.46J APPENDIX E, SEC 1, PARA 2.C.

8. DP ROUTE DESCRIPTION: TAKEOFF RWY 30R: CHANGED FROM "CLIMB HEADING 303.21 TO 1120, THEN DIRECT PYUNG, CROSS PYUNG AT OR ABOVE 2500, THEN ON DEPICTED ROUTE TO BERYY. THENCE..." TO "CLIMB ON HEADING 303.21 TO 1120, THEN DIRECT TO CROSS PYUNG AT OR ABOVE 2500, THEN ON DEPICTED ROUTE TO BERYY. THENCE..." – PER ATC/FPT REQUEST IAW 8260.46J APPENDIX E, SEC 1, PARA 2.C.

9. DP ROUTES: CHANGED FROM "... (TRANSITION). MAINTAIN 5000, EXPECT FILED ALTITUDE 10 MINUTES AFTER DEPARTURE" TO "... ON TRANSITION. MAINTAIN 5000, EXPECT FILED ALTITUDE 10 MINUTES AFTER DEPARTURE" - IAW 8260.46J APPENDIX E, SEC 1, PARA 2.C.

10. TRANSITION ROUTES: REPLACED LITTLE ROCK TRANSITION WITH LITTR TRANSITION WITH FIX LITTR - PER FPT REQUEST, LIT DECOMMISSIONED, VOR MON REQUIREMENT.

11. TRANSITION ROUTES: CHANGED BERYY-TWRAY COURSE/DISTANCE/MEA FROM 199.43/35.95/17900 TO 199.95/36.10/6000 - PER ATC/FPT REQUEST IAW 8260.46J APPENDIX E, SEC 1, PARA D(7), DME/DME EVALUATIONS AND TWRAY MOVED 2195 FT WEST.

12. TRANSITION ROUTES: CHANGED TWRAY-LITTR COURSE/DISTANCE/MEA/MOCA FROM 199.27/184.11/FL180/2600 TO 199.16/183.95/6000/2700, TWRAY-LITTR FROM FL180 TO 6000 - PER ATC/FPT REQUEST IAW 8260.46J APPENDIX E, SEC 1, PARA D(7), TWRAY MOVED 2195 FT WEST AND MOCA NEW OBSTACLE EVALUATION 1608 MSL AAO + ROC 1000 = 2608 (2700).

13. ADDED "MSA FROM KSTL, 3000" - IAW 8260.46J APPENDIX E, SEC 1, PARA K.

14. PROCEDURAL DATA NOTE CHANGED FROM "RNAV 1" TO "RNAV 1- DME/DME/IRU OR GPS" AND PLACED IN PBN REQUIREMENTS NOTES BLOCK - IAW 8260.46J 2-1-1 F.6.

15. ADMINISTRATIVE CHANGE TO TAKEOFF MINIMUMS ALL RUNWAYS FROM "FT PER NM" TO "FT/NM" - IAW 8260.46J APPENDIX E, SEC 1, PARA 2H.

16. TAKEOFF MINIMUMS: RWY 6: CHANGED FROM "STANDARD WITH MINIMUM CLIMB OF 500 FT PER NM TO 1120 THEN MINIMUM CLIMB OF 280 FT PER NM TO 5000." TO "STANDARD" – PER ATC/FPT REQUEST CHANGED CLIMB OF 500 FT/NM TO STANDARD IAW 8260.46J APPENDIX E, SEC 1, PARA 2H, 8260.58C 5-5-1 AND 8260.46J 2-1-1B(7).

17. TAKEOFF MINIMUMS: RWY 29: CHANGED FROM "STANDARD WITH MINIMUM CLIMB OF 500 FT PER NM TO HAGEE." TO "STANDARD" – PER ATC/FPT REQUEST CHANGED CLIMB OF 500 FT/NM TO 200 FT/NM IAW 8260.46J APPENDIX E, SEC 1, PARA H, 8260.46J, 2-1-1B(7).

18. TAKEOFF MINIMUMS: RWY 11: CHANGED FROM "STANDARD WITH MINIMUM CLIMB OF 500 FT PER NM TO LUUBE." TO "STANDARD WITH MINIMUM CLIMB OF 500 FT/NM TO 1120." – PER ATC/FPT REQUEST, IAW 8260.46J APPENDIX E, SEC 1, PARA H, 8260.58C 5-5-1 AND 8260.46J 2-1-1B(7).

19. TAKEOFF MINIMUMS: RWY 12L, 12R: CHANGED FROM "STANDARD WITH MINIMUM CLIMB OF 500 FT PER NM TO HEFNR." TO "STANDARD WITH MINIMUM CLIMB OF 500 FT/NM TO 1120." – PER ATC/FPT REQUEST, IAW 8260.46J APPENDIX E, SEC 1, PARA 2H, 8260.58C 5-5-1 AND 8260.46J 2-1-1B(7).

20. TAKEOFF MINIMUMS: RWY 24: CHANGED FROM "STANDARD WITH MINIMUM CLIMB OF 500 FT PER NM TO 1120 THEN MINIMUM CLIMB OF 280 FT PER NM TO 5000." TO "STANDARD WITH MINIMUM CLIMB OF 500 FT/NM TO 1120." – PER ATC/FPT REQUEST, IAW 8260.46J APPENDIX E, SEC 1, PARA 2H AND 8260.46J 2-1-1B(7).

21. TAKEOFF MINIMUMS: RWY 30L, 30R: CHANGED FROM "STANDARD WITH MINIMUM CLIMB OF 500 FT PER NM TO PYUNG." TO "STANDARD WITH MINIMUM CLIMB OF 500 FT/NM TO 1120." – IAW 8260.46J APPENDIX E, SEC 1, PARA 2H.

22. ADDITIONAL FLIGHT DATA: ADDED "CHART: MINIMUM CROSSING ALTITUDE AT BERYY 5000" - IAW 8260.46, APPENDIX E, SEC 1, PARA 2 M(3).

23. REMOVED NOTE "7 NM ARC CENTERED ON BERYY (IF), CW FROM: POINT A (BEARING 154 DEGREES TO BERYY) TO: POINT B (BEARING 244 DEGREES TO BERYY) MINIMUM ALTITUDE - 10000" FROM PILOT NAVIGATION AREA BLOCK - THIS BLOCK IS NO LONGER REQUIRED BY CRITERIA IAW THE 8260.46J.

24. COMMUNICATIONS: CHANGED FROM "ATIS, CLNC DEL, GND CON, GND METER, DEP CON, TOWER" TO "CHART ATIS, CLNC DEL, GND CON, TOWER" - PER FPT/ATC REQUEST TO REMOVE 'GND METER', IAW 8260.46J APPENDIX E, SEC 1, PARA 2 O;

25. REMARKS: REMOVED "ABBREVIATED AMENDMENT, DOES NOT SATISFY PERIODIC REVIEW REQUIREMENTS" AND ADDED "100 FT VEGETATION USED PER FPT", "FOR RWY 6, 24 FPT/ATC VERIFIED NO VECTORS BELOW MVA 2000 DUE TO NOISE ABATEMENT UP TO 2500", "FPT/ATC REQUESTED LNAV ENGAGEMENT CLIMB OF 500 FT PER NM TO 1120 TO TURN AIRCRAFT AS SOON AS SAFELY POSSIBLE DUE TO THE NEED TO SEPARATE DEPARTURES FROM OTHER TRAFFIC", "MSA CONTROLLING OBSTACLE: 1949 FT MSL TOWER 382139.70N/0903254.60W" - IAW 8260.46, APPENDIX E, SEC 1, PARA 2 Q.

06/11/2025: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 04/10/2024.

1. DP ROUTE DESCRIPTION: REMOVED RWY 6 AND 24.
2. TAKEOFF MINIMUMS REMOVED RWY 6 AND 24. ADDED NOTE RWY 6, 24:NA - CODING.
3. REMARKS: REMOVED: FOR RWY 6, 24 FPT/ATC VERIFIED NO VECTORS BELOW MVA 2000 DUE TO NOISE ABATEMENT UP TO 2500.



**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>
BERYY (RNAV)	SIX	BERYY6.BERYY	FIVE	07/19/2018	

<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>
RW11 (AER)	384535.83N/0902435.54W	N	-	-	-	-			
1120 MSL	-	-	-	VA	122.17	-	AT/ABOVE 1120		CG 500 FT/NM TO 1120
LUUBE	384208.40N/0901735.03W	Y	FB	DF	-	-	AT/ABOVE 2500		
DAFUS	383808.82N/0901734.70W	Y	FB	TF	179.94	03.99			
GEJAY	383243.89N/0902314.64W	Y	FB	TF	219.42	07.00			
BERYY	381014.47N/0904634.30W	Y	FB	TF	219.36	29.01	AT/ABOVE 5000		
RW12L (AER)	384506.46N/0902158.76W	N	-	-	-	-			
1120 MSL	-	-	-	VA	122.19	-	AT/ABOVE 1120		CG 500 FT/NM TO 1120
HEFNR	384206.39N/0901624.55W	Y	FB	DF	-	-	AT/ABOVE 2500		
DAFUS	383808.82N/0901734.70W	Y	FB	TF	193.04	04.06			
GEJAY	383243.89N/0902314.64W	Y	FB	TF	219.42	07.00			
BERYY	381014.47N/0904634.30W	Y	FB	TF	219.36	29.01	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
HEFNR	384206.39N/0901624.55W	Y	FB	DF	-	-	AT/ABOVE 2500		
DAFUS	383808.82N/0901734.70W	Y	FB	TF	193.04	04.06			
GEJAY	383243.89N/0902314.64W	Y	FB	TF	219.42	07.00			
BERYY	381014.47N/0904634.30W	Y	FB	TF	219.36	29.01	AT/ABOVE 5000		
RW29 (AER)	384448.45N/0902259.39W	N	-	-	-	-			
1120 MSL	-	-	-	VA	302.19	-	AT/ABOVE 1120		
HAGEE	384735.74N/0902840.90W	Y	FB	DF	-	-	AT/ABOVE 2500		
WAARN	384536.12N/0903229.93W	Y	FB	TF	236.31	03.59			
BERYY	381014.47N/0904634.30W	Y	FB	TF	197.45	37.01	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
PYUNG	384718.73N/0902700.07W	Y	FB	DF	-	-	AT/ABOVE 2500		
ALLNT	384502.97N/0903108.69W	Y	FB	TF	235.13	03.95			

QUALITY
16
CHECKED

**FEDERAL AVIATION ADMINISTRATION
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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>
BERYY (RNAV)	SIX	BERYY6.BERYY	FIVE	07/19/2018	

<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>
ELDBB	384116.21N/0903249.96W	Y	FB	TF	199.29	04.00			
BERYY	381014.47N/0904634.30W	Y	FB	TF	199.27	32.82	AT/ABOVE 5000		
RW30R (AER)	384418.99N/0902022.51W	N	-	-	-	-			
1120 MSL	-	-	-	VA	302.21	-	AT/ABOVE 1120		CG 500 FT/NM TO 1120
PYUNG	384718.73N/0902700.07W	Y	FB	DF	-	-	AT/ABOVE 2500		
ALLNT	384502.97N/0903108.69W	Y	FB	TF	235.13	03.95			
ELDBB	384116.21N/0903249.96W	Y	FB	TF	199.29	04.00			
BERYY	381014.47N/0904634.30W	Y	FB	TF	199.27	32.82	AT/ABOVE 5000		
TRANSITIONS									
BERYY	381014.47N/0904634.30W	Y	-	IF	-	-			BERYY6.LITTR
TWRAY	373602.55N/0910119.62W	Y	FB	TF	198.95	36.10			
LITTR	344039.90N/0921049.26W	Y	FB	TF	198.16	183.95			