

**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.  
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<u>DP NAME</u>	<u>NUMBER</u>	<u>DP COMPUTER CODE</u>	<u>SUPERSEDED NUMBER</u>	<u>DATED</u>	<u>EFFECTIVE DATE</u>
BLUES	FIVE	BLUES5.ENL	FOUR	31 MAR 16	05 JAN 2017
<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 type="checkbox"/>

**DP ROUTE DESCRIPTION:**

**DEPARTING LAMBERT-ST LOUIS INTL:** CLIMB ON ASSIGNED HEADING FOR VECTOR TO APPROPRIATE ROUTE. TURBOJET AIRCRAFT: MAINTAIN 5000 OR ASSIGNED ALTITUDE, THENCE... ALL OTHERS: MAINTAIN 3000 OR ASSIGNED ALTITUDE, THENCE...

**DEPARTING SPIRIT OF ST LOUIS:** CLIMB ON ASSIGNED HEADING FOR VECTOR TO APPROPRIATE ROUTE. TURBOJET AIRCRAFT: MAINTAIN 3000 OR ASSIGNED ALTITUDE, THENCE... ALL OTHERS: MAINTAIN 2500 OR ASSIGNED ALTITUDE, THENCE...

**DEPARTING ST LOUIS RGNL:** CLIMB ON ASSIGNED HEADING FOR VECTOR TO APPROPRIATE ROUTE, MAINTAIN 2500 OR ASSIGNED ALTITUDE, THENCE...

**DEPARTING SCOTT AFB/MIDAMERICA:** CLIMB ON ASSIGNED HEADING FOR VECTOR TO APPROPRIATE ROUTE, MAINTAIN 3000 OR ASSIGNED ALTITUDE, THENCE...

**DEPARTING ST LOUIS DOWNTOWN:**

**RWY 5:** CLIMB HEADING 046.96 TO 900 BEFORE TURNING LEFT, THEN CLIMB AND MAINTAIN 2500 OR ASSIGNED ALTITUDE. EXPECT VECTOR TO APPROPRIATE ROUTE, THENCE...

**RWY 12L, 12R:** CLIMB HEADING 122.21 TO 1000 BEFORE TURNING LEFT, THEN CLIMB AND MAINTAIN 2500 OR ASSIGNED ALTITUDE. EXPECT VECTOR TO APPROPRIATE ROUTE, THENCE...

**RWY 23:** CLIMB HEADING 226.97 TO 2000 BEFORE TURNING, THEN CLIMB AND MAINTAIN 2500 OR ASSIGNED ALTITUDE. EXPECT VECTOR TO APPROPRIATE ROUTE, THENCE...

**RWY 30L, 30R:** CLIMB HEADING 302.21 TO 1600 BEFORE TURNING, THEN CLIMB AND MAINTAIN 2500 OR ASSIGNED ALTITUDE. EXPECT VECTOR TO APPROPRIATE ROUTE, THENCE...

... FROM OVER CSX VOR/DME ON CSX R-109 AND ENL R-286 TO ENL VORTAC. THEN ON (TRANSITION) OR (ASSIGNED ROUTE). 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>
HILTS	BLUES5.HILTS	ENL VORTAC	HILTS	109.60 & 111.47 (ENL R-110 & PXV R-291)	43.08	3000	2100	
LOUISVILLE	BLUES5.IIU	ENL VORTAC	HILTS	109.60 & 111.47 (ENL R-110 & PXN R-291)	43.08	3000	2100	
		HILTS	IIU VORTAC	090.53 (IIU R-271)	130.11	FL210	2500	

**PROCEDURAL DATA NOTES:**

NOTE: RADAR REQUIRED.

**TAKEOFF MINIMUMS:**

**LAMBERT-ST LOUIS INTL:** RWY 6, 12L, 12R, 24, 29, STANDARD.

**RWY 11,** 200-1 OR STANDARD WITH MINIMUM CLIMB OF 407FT PER NM TO 900.

**RWY 30L,** 200-1 OR STANDARD WITH MINIMUM CLIMB OF 241 FT PER NM TO 800.

**RWY 30R,** 200-1 1/2 OR STANDARD WITH MINIMUM CLIMB OF 322FT PER NM TO 900.



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**SPIRIT OF ST LOUIS: RWY 8L, 26R, STANDARD.**

**RWY 8R**, 200-1 1/4 OR STANDARD WITH MINIMUM CLIMB OF 238FT PER NM TO 700.

**RWY 26L**, 300-2 OR STANDARD WITH MINIMUM CLIMB OF 231 FT PER NM TO 900.

**ST LOUIS RGNL: RWY 11, 17, 29, 35, STANDARD.**

**SCOTT AFB/ MIDAMERICA: RWY 14L, 14R, 32R, STANDARD. RWY 32L**, 300-1 1/2 OR STANDARD WITH MINIMUM CLIMB OF 250 FT PER NM TO 800.

**ST LOUIS DOWNTOWN: RWY 12L, 12R, 23, 30R, STANDARD.**

**RWY 5**, 200-1 1/4 OR STANDARD WITH MINIMUM CLIMB OF 343FT PER NM TO 700.

**RWY 30L**, 400-2 1/2 OR STANDARD WITH MINIMUM CLIMB OF 220FT PER NM TO 900, OR ALTERNATIVELY, WITH STANDARD TAKEOFF MINIMUMS AND A NORMAL 200FT PER NM CLIMB GRADIENT, TAKEOFF MUST OCCUR NO LATER THAN 2100 FT PRIOR TO DER.

**TAKEOFF OBSTACLES NOTES:**

**LAMBERT-ST LOUIS INTL:**

**NOTE: RWY 6**, RAILROAD 578 FT FROM DER, 620 FT LEFT OF CENTERLINE, 23 FT AGL/557 FT MSL. OBSTRUCTION LIGHT ON LDA AND ANTENNA ON BUILDING 1038 FT FROM DER, 706 FT RIGHT OF CENTERLINE, 30 FT AGL/598 FT MSL.

**NOTE: RWY 11**, MULTIPLE SIGNS, TREES, TOWERS, AND BUILDINGS BEGINNING 2348 FT FROM DER, 205 FT LEFT OF CENTERLINE, UP TO 219 FT AGL/774 FT MSL. MULTIPLE SIGNS, TREES, TOWERS, AND BUILDINGS BEGINNING 2363 FT FROM DER, 489 FT RIGHT OF CENTERLINE, UP TO 114 FT AGL/694 FT MSL.

**NOTE: RWY 12L**, TREE 1331 FT FROM DER, 667 FT RIGHT OF CENTERLINE, 75 FT AGL/654 FT MSL.

**NOTE: RWY 12R**, TRAFFIC SIGNAL AND SIGN BEGINNING 1413 FT FROM DER, 702 FT RIGHT OF CENTERLINE, UP TO 17 FT AGL/672 FT MSL. TREE 1930 FT FROM DER, 372 FT LEFT OF CENTERLINE, 67 FT AGL/636 FT MSL.

**NOTE: RWY 30L**, MULTIPLE TREES, POLES, AND ROADS BEGINNING 906 FT FROM DER, 600 FT LEFT OF CENTERLINE, UP TO 84 FT AGL/663 FT MSL. OBSTRUCTION LIGHT ON LOC 614 FT FROM DER, ON CENTERLINE, 9 FT AGL/558 FT MSL. MULTIPLE TREES, POLES, ROADS, TERRAIN, AND BUILDINGS BEGINNING 283 FT FROM DER, 185 FT RIGHT OF CENTERLINE, UP TO 65 FT AGL/684 FT MSL.

**NOTE: RWY 30R**, OBSTRUCTION LIGHT ON GS 1895 FT FROM DER, 899 FT LEFT OF CENTERLINE, 28 FT AGL/587 FT MSL. MULTIPLE OBSTRUCTION LIGHT ON BUILDINGS, TREES, AND ELECTRICAL SYSTEM BEGINNING 2039 FT FROM DER, 387 FT RIGHT OF CENTERLINE, UP TO 81 FT AGL/670 FT MSL.

**SPIRIT OF ST LOUIS:**

**NOTE: RWY 8L**, FENCE 46 FT FROM DER, 338 FT RIGHT OF CENTERLINE, 8 FT AGL/465 FT MSL. BUILDING 174 FT FROM DER, 498 FT RIGHT OF CENTERLINE, 38 FT AGL/495 FT MSL. TREE 383 FT FROM DER, 426 FT RIGHT OF CENTERLINE, 31 FT AGL/488 FT MSL. OL ON POLE 1215 FT FROM DER, 96 FT RIGHT OF CENTERLINE, 43 FT AGL/496 FT MSL. MULTIPLE POLES BEGINNING 1202 FT FROM DER, 231 FT RIGHT OF CENTERLINE, UP TO 48 FT AGL/498 FT MSL. TREES BEGINNING 1245 FT FROM DER, 52 FT LEFT OF CENTERLINE, UP TO 80 FT AGL/533 FT MSL. TREES BEGINNING 1229 FT FROM DER, 95 FT RIGHT OF CENTERLINE, UP TO 60 FT AGL/516 FT MSL.

**NOTE: RWY 8R**, ANTENNA 263 FT FROM DER, 557 FT LEFT OF CENTERLINE, 40 FT AGL/487 FT MSL. RAILROAD CAR 752 FT FROM DER, 19 FT LEFT OF CENTERLINE, 23 FT AGL/482 FT MSL. ANTENNA ON BUILDING 142 FT FROM DER, 241 FT LEFT OF CENTERLINE, 8 FT AGL/470 FT MSL. TREES 5357 FT FROM DER, 1793 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/626 FT MSL.

**NOTE: RWY 26L**, TREE 2240 FT FROM DER, 508 FT RIGHT OF CENTERLINE, 58 FT AGL/521 FT MSL. TREE 1.7 NM FROM DER, 2670 FT LEFT OF CENTERLINE, 100 FT AGL/759 FT MSL.

**NOTE: RWY 26R**, TREE 33 FT FROM DER, 430 FT RIGHT OF CENTERLINE, UP TO 9 FT AGL/464 FT MSL. MULTIPLE POLES BEGINNING 1269 FT FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 68 FT AGL/518 FT MSL. TREES BEGINNING 1999 FT FROM DER, RIGHT AND LEFT OF CENTERLINE, UP TO 154 FT AGL/601 FT MSL.

**ST LOUIS RGNL:**

**NOTE: RWY 11**, TREE AND POLE BEGINNING 1066 FT FROM DER, 668 FT LEFT OF CENTERLINE, UP TO 76 FT AGL/575 FT MSL. TREE 2822 FT FROM DER, 933 FT RIGHT OF CENTERLINE, 100 FT AGL/629 FT MSL.

QUALITY  
28  
CHECKED

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**NOTE: RWY 17**, TREES BEGINNING 1063 FT FROM DER, 282 FT LEFT OF CENTERLINE, UP TO 67 FT AGL/606 FT MSL. TREES BEGINNING 1321 FT FROM DER, 115 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/621 FT MSL.

**NOTE: RWY 29**, TREES AND FLOODLIGHT ON HANGAR BEGINNING 665 FT FROM DER, 472 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/649 FT MSL. TREES BEGINNING 1570 FT FROM DER, 204 FT RIGHT OF CENTERLINE, UP TO 75 FT AGL/604 FT MSL.

**NOTE: RWY 35**, TREES BEGINNING 1286 FT FROM DER, 477 FT LEFT OF CENTERLINE, UP TO 67 FT AGL/ 596 FT MSL.

**SCOTT AFB/MIDAMERICA:**

**NOTE: RWY 32L**, TREE 1.24 NM FROM DER, 2285 FT LEFT OF CENTERLINE, 100 FT AGL/699 FT MSL.

**NOTE: RWY 32R**, TREES BEGINNING 352 FT FROM DER, 198 FT LEFT OF CENTERLINE, UP TO 77 FT AGL/501 FT MSL. TREES BEGINNING 1349 FT FROM DER, 439 FT RIGHT OF CENTERLINE, UP TO 94 FT AGL/516 FT MSL.

**ST LOUIS DOWNTOWN:**

**NOTE: RWY 5**, OBSTRUCTION LIGHT ON TRANSMISSION TOWER 1649 FT FROM DER, 19 FT LEFT OF CENTERLINE, 79 FT AGL/482 FT MSL. TRANSMISSION TOWER 324 FT FROM DER, 79 FT RIGHT OF CENTERLINE, 78 FT AGL/487 FT MSL.

**NOTE: RWY 12L**, TREE 1629 FT FROM DER, 144 FT LEFT OF CENTERLINE, 45 FT AGL/453 FT MSL.

**NOTE: RWY 12R**, TREE 3822 FT FROM DER, 20 FT LEFT OF CENTERLINE, 94 FT AGL/509 FT MSL. TREE 2082 FT FROM DER, 927 FT RIGHT OF CENTERLINE, 69 FT AGL/486 FT MSL.

**NOTE: RWY 23**, MULTIPLE TREES BEGINNING 815 FT FROM DER, 69 FT LEFT OF CENTERLINE, UP TO 56 FT AGL/470 FT MSL. MULTIPLE TREES BEGINNING 740 FT FROM DER, 4 FT RIGHT OF CENTERLINE, UP TO 78 FT AGL/492 FT MSL.

**NOTE: RWY 30L**, MULTIPLE TREES BEGINNING 2510 FT FROM DER, 503 FT LEFT OF CENTERLINE, UP TO 107 FT AGL/521 FT MSL. MULTIPLE TREES BEGINNING 737 FT FROM DER, 32 FT RIGHT OF CENTERLINE, UP TO 99 FT AGL/508 FT MSL.

**CONTROLLING OBSTACLES:**

**LAMBERT-ST LOUIS INTL: RWY 11**, 724 FT MSL ANTENNA ON OL ATCT 384438.85N-0902218.22W, 774 FT MSL ANTENNA ON OL ATCT 384435.63N-0902157.83W. **RWY 30L**, 697 FT MSL TREE 384537.92N-0902342.99W. **RWY 30R**, 741 FT MSL OL ON ANTENNA 384547.53N-0902242.62W, 714 FT MSL TREE 384550.55N-0902301.69W.

**SPIRIT OF ST LOUIS: RWY 8R**, 626 FT MSL TREE 383936.62N-0903651.82W, **RWY 26L**, 759 FT MSL TREE 383841.22N-0904132.85W.

**SCOTT AFB/ MIDAMERICA: RWY 32L**, 699 FT MSL TREE 383345.00N-0895309.00W

**ST LOUIS DOWNTOWN: RWY 5**, 573 FT MSL TOWER 383506.00N-0900843.00W.

**RWY 12L, 12R**, 883 FT MSL TOWER 383348.00N-0900515.00W, **RWY 30L, 30R**, 772 FT MSL TOWER 383526.00N-0901221.00W.

**OBSTACLES MANDATING ODP ROUTE DEVELOPMENT: RWY 5**: 1075 FT MSL ARCH 383729.00N-09011 08.00W. **RWY 12L, 12R**: 883 FT MSL TOWER 383348.00N-0900515.00W. **RWY 23**: 1649 FT MSL TOWER 383450.00N-0901954.00W, 1637 FT MSL TOWER 383147.00N-0901758.00W. **RWY 30L, 30R**: 1649 FT MSL TOWER 383450.00N-0901945.00W.

**LOST COMMUNICATIONS PROCEDURES:**

**ADDITIONAL FLIGHT DATA:**

**CHART**: V4.

**LAMBERT-ST LOUIS INTL**: CHART: TOP ALTITUDE: 5000

**SPIRIT OF ST LOUIS**: CHART: TOP ALTITUDE: ASSIGNED BY ATC



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**ST LOUIS RGNL:** CHART: TOP ATLITUDE: ASSIGNED BY ATC  
**SCOTT AFB/MIDAMERICA:** CHART: TOP ATLITUDE: ASSIGNED BY ATC  
**ST LOUIS DOWNTOWN:** CHART: TOP ATLITUDE: ASSIGNED BY ATC

**AIRPORTS SERVED:**

<u>AIRPORT NAME</u>	<u>CITY</u>	<u>STATE</u>
LAMBERT - ST LOUIS INTL	ST. LOUIS	MO
SPIRIT OF ST LOUIS	ST. LOUIS	MO
ST LOUIS RGNL	ALTON/ST. LOUIS	IL
SCOTT AFB/MID AMERICA	BELLEVILLE	IL
ST LOUIS DOWNTOWN	CAHOKIA/ST. LOUIS	IL

**COMMUNICATIONS:**

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

**FIXES AND/OR NAVAIDS:**

PXV VORTAC, SAM VOR/DME

**REMARKS:**

TREATED AS MINOR AMENDMENT  
TABLE TOP FLIGHT INSPECTION REQUESTED

**FLIGHT INSPECTED BY:**

JEFFREY W HARING

*Digitally signed by*

**PETER GETZ**

Oct 12, 2016

**OFFICE SYMBOL:**

FICO

**DATE:**

10/04/2016

**DEVELOPED BY:**

HEIDI SNIDER

*Digitally signed by*

**PETER GETZ**

Oct 12, 2016

**OFFICE SYMBOL:**

AJV-5423

**DATE:**

08/31/2016

**APPROVED BY:**

TONY LAWSON

*Digitally signed by*

**PETER GETZ**

Oct 12, 2016

**OFFICE SYMBOL:**

AJV-5420

**DATE:****REQUIRED EFFECTIVE DATE:****COORDINATED WITH:**

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<b>A4A</b>	<b>ALPA</b>	<b>AOPA</b>	<b>APA</b>	<b>HAI</b>	<b>NBAA</b>					
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>					

**OTHER:**

STL TOWER, STL DEP CON, ZKC

**CHANGES - REASONS:**

1. AMENDED LAMBERT - ST LOUIS INTL DP ROUTE DESCRIPTION FROM CLIMB ON ASSIGNED HEADING FOR VECTOR TO APPROPRIATE ROUTE, MAINTAIN 5000 OR ASSIGNED ALTITUDE, THENCE... TO CLIMB ON ASSIGNED HEADING FOR VECTOR TO APPROPRIATE ROUTE. TURBOJET AIRCRAFT: MAINTAIN 5000 OR ASSIGNED ALTITUDE, THENCE... ALL OTHERS: MAINTAIN 3000 OR ASSIGNED ALTITUDE, THENCE... - ATC REQUEST.
2. AMENDED SPIRIT OF ST LOUIS DP ROUTE DESCRIPTION FROM CLIMB ON ASSIGNED HEADING FOR VECTOR TO APPROPRIATE ROUTE, MAINTAIN 3000 OR ASSIGNED ALTITUDE, THENCE... TO CLIMB ON ASSIGNED HEADING FOR VECTOR TO APPROPRIATE ROUTE. TURBOJET AIRCRAFT: MAINTAIN 3000 OR ASSIGNED ALTITUDE, THENCE... ALL OTHERS: MAINTAIN 2500 OR ASSIGNED ALTITUDE, THENCE... - ATC REQUEST.
3. AMENDED SCOTT AFB/MIDAMERICA DP ROUTE DESCRIPTION FROM CLIMB ON ASSIGNED HEADING FOR VECTOR TO APPROPRIATE ROUTE, MAINTAIN 2500 OR ASSIGNED ALTITUDE, THENCE... TO CLIMB ON ASSIGNED HEADING FOR VECTOR TO APPROPRIATE ROUTE, MAINTAIN 3000 OR ASSIGNED ALTITUDE, THENCE... - ATC REQUEST.
4. REMOVED PROCEDURAL DATA NOTE FOR TURBOJET AIRCRAFT ONLY. - ATC REQUEST.
5. UPDATED TOP ALTITUDES - 8260.46 3.1.1L(6)

