

**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
GRAPHIC DEPARTURE PROCEDURES (DP)**

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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SUPERSEDED NUMBER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>
GATEWAY	ONE	GATWY1.TWILA	NINE	08/17/2017	
<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"/>

DP ROUTE DESCRIPTION:

DEPARTING ST LOUIS LAMBERT INTL: CLIMB ON ASSIGNED HEADING FOR VECTOR TO APPROPRIATE ROUTE. JETS: MAINTAIN 5000 OR ASSIGNED ALTITUDE, THENCE... PROPS: MAINTAIN 3000 OR ASSIGNED ALTITUDE, THENCE...

DEPARTING SPIRIT OF ST LOUIS: CLIMB ON ASSIGNED HEADING FOR VECTOR TO APPROPRIATE ROUTE. JETS: MAINTAIN 3000 OR ASSIGNED ALTITUDE, THENCE... PROPS: 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 302.22 TO 1600 BEFORE TURNING, THEN CLIMB AND MAINTAIN 2500 OR ASSIGNED ALTITUDE. EXPECT VECTOR TO APPROPRIATE ROUTE, THENCE...

...FROM OVER TOY VORTAC ON TOY R-076 OR OVER STL VORTAC ON STL R-094 TO TWILA INT. THEN ON (TRANSITION), EXPECT CLEARANCE TO 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>
BIBLE GROVE	GATWY1.BIB	TWILA	JIGSY	076.39 (TOY R-076)	20.56	3000	2000	
			BIB VORTAC	078.29 (BIB R-258)	30.25	3000	2300	
BRICKYARD	GATWY1.VHP	TWILA	JIGSY	076.39 (TOY R-076)	20.56	3000	2000	
			BIB VORTAC	078.29 (BIB R-258)	30.25	3000	2300	
			WORKE	067.14 (BIB R-067)	35.16	3800	2200	
			KELLY	067.14 & 070.82 (BIB R-067 & SHB R-251)	54.35	3800	2600	
			VHP VORTAC	029.47 (VHP R-209)	27.87	3800	2300	
CREEP	GATWY1.CREEP	TWILA	JIGSY	076.39 (TOY R-076)	20.56	3000	2000	

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GATEWAY			ONE	GATWY1.TWILA	NINE		08/17/2017	
			BIB VORTAC	078.29 (BIB R-258)	30.25	3000	2300	
			WORKE	067.14 (BIB R-067)	35.16	3800	2200	
			KELLY	067.14 & 070.82 (BIB R-067 & SHB R-251)	54.35	3800	2600	
			SHB VOR/DME	070.82 (SHB R-251)	41.46	3800	2300	
			CREEP	074.66 (SHB R-075)	72.21	FL 180	2600	
JIGSY	GATWY1.JIGSY	TWILA	JIGSY	076.39 (TOY R-076)	20.56	3000	2000	
ROSEWOOD	GATWY1.ROD	TWILA	JIGSY	076.39 (TOY R-076)	20.56	3000	2000	
			BIB VORTAC	078.29 (BIB R-258)	30.25	3000	2300	
			WORKE	067.14 (BIB R-067)	35.16	3800	2200	
			KELLY	067.14 & 070.82 (BIB R-067 & SHB R-251)	54.35	3800	2600	
			SHB VOR/DME	070.82 (SHB R-251)	41.46	3800	2300	
			ROD VORTAC	062.88 & 070.02 (SHB R-063 & ROD R-250)	91.08	FL 180	2600	

PROCEDURAL DATA NOTES:

NOTE: RADAR REQUIRED.

NOTE: BRICKYARD TRANSITION, CREEP TRANSITION, AND ROSEWOOD TRANSITION: DME REQUIRED.

TAKEOFF MINIMUMS:

ST LOUIS LAMBERT INTL:

RWY 6, 12L, 12R, 24, 29: STANDARD.

RWY 11: 200-1 OR STANDARD WITH MINIMUM CLIMB OF 370 FT PER NM TO 900.

RWY 30L: 200-1 OR STANDARD WITH MINIMUM CLIMB OF 245 FT PER NM TO 800.

RWY 30R: 200-1 3/8 OR STANDARD WITH MINIMUM CLIMB OF 230 FT PER NM TO 800.

SPIRIT OF ST LOUIS:

RWY 8L, 26R: STANDARD.

RWY 8R: 200-1 1/4 OR STANDARD WITH MINIMUM CLIMB OF 238 FT 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.



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GATEWAY	ONE	GATWY1.TWILA	NINE	08/17/2017	

ST LOUIS DOWNTOWN:

RWY 12L, 12R, 23, 30R: STANDARD.

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

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

TAKEOFF OBSTACLES NOTES:

ST LOUIS LAMBERT INTL:

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

SPIRIT OF ST LOUIS:

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

SCOTT AFB/MIDAMERICA:

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

ST LOUIS RGNL:

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

ST LOUIS DOWNTOWN:

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

CONTROLLING OBSTACLES:

ST LOUIS LAMBERT INTL:

RWY 11: 774 FT MSL CONTROL TOWER 384436.00N/0902158.00W. **RWY 30L:** 697 FT MSL TREE 384537.92N/0902342.99W. **RWY 30R:** 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:** 772 FT MSL TOWER 383526.00N/0901221.00W.

OBSTACLES MANDATING ODP ROUTE DEVELOPMENT:

ST LOUIS DOWNTOWN:

RWY 5: 1075 FT MSL ARCH 383729.00N/0901108.00W. **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: V11, KELLY TO VHP VORTAC.

CHART: V12, TOY VORTAC TO SHB VOR/DME.

CHART: COP AT BIB R-067/70NM & SHB R-251/61 NM.

CHART: ENL R-316 AT TWILA; ENL R-360 AND STL R-090 AT JIGSY; TTH R-097 AT KELLY; VHP R-085 AND ROD R-214 AT CREEP.

ST LOUIS LAMBERT INTL: CHART: TOP ALTITUDE: (JETS) 5000 / (PROPS) 3000

SPIRIT OF ST LOUIS: CHART: TOP ALTITUDE: (JETS) 3000 / (PROPS) 2500



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

AIRPORTS SERVED:

<u>AIRPORT NAME</u>	<u>CITY</u>	<u>STATE</u>
ST LOUIS LAMBERT INTL (KSTL)	ST. LOUIS	MO
SPIRIT OF ST LOUIS (KSUS)	ST. LOUIS	MO
ST LOUIS RGNL (KALN)	ALTON/ST. LOUIS	IL
SCOTT AFB/MIDAMERICA (KBLV)	BELLEVILLE	IL
ST LOUIS DOWNTOWN (KCPS)	CAHOKIA/ST. LOUIS	IL

COMMUNICATIONS:

ST LOUIS LAMBERT INTL: ATIS, CLNC DEL, GND CON, TOWER, DEP CON, GND METER.

SPIRIT OF ST LOUIS: ATIS, CLNC DEL, GND CON, TOWER, DEP CON.

ST LOUIS RGNL: ATIS, CLNC DEL, GND CON, TOWER, DEP CON.

SCOTT AFB/MIDAMERICA: ATIS, CLNC DEL, GND CON, TOWER, DEP CON.

ST LOUIS DOWNTOWN: ATIS, CLNC DEL, GND CON, TOWER, DEP CON.

FIXES AND/OR NAVAIDS:

TTH VORTAC, ENL VORTAC

REMARKS:

FLIGHT INSPECTED BY:

FLIGHT INSPECTION REVIEW NOT REQUIRED – PROCESSED IAW AIRCRAFT OPERATIONS GROUP (AJW-333) MEMO, DEC 22, 2017

OFFICE SYMBOL:

DATE:

Digitally signed by
ROBERT G HAMILTON
Aug 14, 2018

DEVELOPED BY:

LONNIE EVERHART (CHARLES THIBODEAUX)

OFFICE SYMBOL:

DATE:

AJV-5400

07/11/2018

Digitally signed by
ROBERT G HAMILTON
Aug 14, 2018

APPROVED BY:

LONNIE EVERHART

OFFICE SYMBOL:

DATE:

AJV-5400

Digitally signed by
ROBERT G HAMILTON
Aug 14, 2018

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GATEWAY	ONE	GATWY1.TWILA	NINE	08/17/2017	

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 TOWER, SUS TOWER, ALN TOWER, BLV TOWER, CPS TOWER, STL DEP CON, AMGR(S)

CHANGES - REASONS:

1. REMOVED "CSX R-087 OR OVER" FROM SID TRANSITION - VORMON PROJECT REMOVES CSX VOR/DME.
2. CHANGED FIX WORKE TO DME FIX - VORMON PROJECT REMOVES MTO VOR/DME.
3. ADDED NOTE: BRICKYARD TRANSITION, CREEP TRANSITION, AND ROSEWOOD TRANSITION: DME REQUIRED - WORKE FIX DME ONLY.
4. REMOVED TAKEOFF OBSTACLE NOTES FOR ALL AIRPORTS - MEMO 259, 12/27/2017, IMPLEMENTATION OF AFS WAIVER FOR FAA ORDER 8260.46F, DEPARTURE PROCEDURE PROGRAM.

