

U.S. DEPARTMENT of TRANSPORTATION – FEDERAL AVIATION ADMINISTRATION
GRAPHIC DEPARTURE PROCEDURE (DP)

Bearings, headings, courses, tracks, and radials are magnetic. Elevation 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. Graphic depictions attached.

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
TURBO	SEVEN	TURBO7.STL	SIX	09/23/2010	06/27/2013

TYPE: SID

DP ROUTE DESCRIPTION:

DEPARTING LAMBERT-ST LOUIS INTL: CLIMB AND MAINTAIN 3000. EXPECT VECTORS TO APPROPRIATE ROUTE. EXPECT FILED ALTITUDE 10 MINUTES AFTER DEPARTURE.

DEPARTING SPIRIT OF ST LOUIS: CLIMB AND MAINTAIN 2500. EXPECT VECTORS TO APPROPRIATE ROUTE. EXPECT FILED ALTITUDE 10 MINUTES AFTER DEPARTURE.

DEPARTING ST LOUIS DOWNTOWN:

RWY 5 - CLIMB ON HEADING 046.95 TO 900 BEFORE TURNING LEFT, THEN CLIMB AND MAINTAIN 2500. EXPECT VECTORS TO APPROPRIATE ROUTE. EXPECT FILED ALTITUDE 10 MINUTES AFTER DEPARTURE.

RWY 12L, 12R - CLIMB ON HEADING 122.22 TO 1000 BEFORE TURNING LEFT, THEN CLIMB AND MAINTAIN 2500, EXPECT VECTORS TO APPROPRIATE ROUTE. EXPECT FILED ALTITUDE 10 MINUTES AFTER DEPARTURE.

RWY 23 - CLIMB ON HEADING 226.96 TO 2000 BEFORE TURNING RIGHT, THEN CLIMB AND MAINTAIN 2500. EXPECT VECTORS TO APPROPRIATE ROUTE, EXPECT FILED ALTITUDE 10 MINUTES AFTER DEPARTURE.

RWY 30L, 30R - CLIMB ON HEADING 302.23 TO 1600 BEFORE TURNING, THEN CLIMB AND MAINTAIN 2500. EXPECT VECTORS TO APPROPRIATE ROUTE. EXPECT FILED ALTITUDE 10 MINUTES AFTER DEPARTURE.

DEPARTING ST LOUIS RGNL: CLIMB AND MAINTAIN 2500. EXPECT VECTORS TO APPROPRIATE ROUTE. EXPECT FILED ALTITUDE 10 MINUTES AFTER DEPARTURE.

TRANSITION ROUTES (GRAPHIC DEPICTION ONLY):

Transition Name	Transition Computer Codes	From FIX/NAVAID	To FIX/NAVAID	Course	Distance	MEA	MOCA	Crossing Altitudes/Fixes
CENTRALIA	TURBO7.ENL	CSX VOR/DME	LEEAN	143.16/33.90 (CSX R-143)		6000	2100	
		LEEAN	VANTS	075.00/10.33 (ENL R-255)		6000	2000	
		VANTS	ENL VORTAC	075.00/26.79 (ENL R-255)		6000	2200	
ADDERS	TURBO7.AXC	CSX VOR/DME	FRALE	041.00/39.00 (CSX R-041)		6000	2100	
		FRALE	WOobi	041.00/31.00 (CSX R-041)		8000	2300	
		WOobi	AXC VORTAC	071.99/24.66 (AXC R-252)		8000	2300	
FARMINGTON	TURBO7.FAM	CSX VOR/DME	WEDDG	174.66/42.00 (CSX R-175)		4500	2700	
		WEDDG	FAM VORTAC	173.75/22.96 (FAM R-354)		4500	2500	

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TURBO	SEVEN	TURBO7.STL	SIX	09/23/2010	06/27/2013
GENTS	TURBO7.GENTS	CSX VOR/DME	LEEAN	143.16/33.90 (CSX R-143)	6000 2100
		LEEAN	ZEROJ	143.16/7.10 (CSX R-143)	6000 2100
		ZEROJ	SPORT	143.16/12.86 (CSX R-143)	6000 2100
		SPORT	GENTS	143.16/22.43 (CSX R-143)	9000 2100
POCKET CITY	TURBO7.PXV	CSX VOR/DME	LEEAN	143.16/33.90 (CSX R-143)	6000 2100
		LEEAN	ZEROJ	143.16/7.10 (CSX R-143)	6000 2100
		ZEROJ	SPORT	143.16/12.86 (CSX R-143)	6000 2100
		SPORT	THOMP	091.48/37.56 (PXV R-271)	9000 2100
		THOMP	PXV VORTAC	091.48/53.60 (PXV R-271)	9000 2000
THOMP	TURBO7.THOMP	CSX VOR/DME	LEEAN	143.16/33.90 (CSX R-143)	6000 2100
		LEEAN	ZEROJ	143.16/7.10 (CSX R-143)	6000 2100
		ZEROJ	SPORT	143.16/12.86 (CSX R-143)	6000 2100
		SPORT	THOMP	091.48/37.56 (PXV R-271)	9000 2100

PROCEDURAL DATA NOTES/TAKEOFF MINIMUMS:

NOTE: RADAR REQUIRED **NOTE:** FOR TURBOPROP/PROP AIRCRAFT ONLY.

LAMBERT-ST. LOUIS INTL: RWY 6, 12L, 12R, 24, 29, STANDARD. RWY 11, 200-1 OR STANDARD WITH MINIMUM CLIMB OF 407 FT 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 322 FT PER NM TO 900.

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 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.

ST. LOUIS REGIONAL: RWY 11, 17, 29, 35, STANDARD.

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. OL ON LDA AND ANTENNA ON BLDG 1038 FT FROM DER, 706 FT RIGHT OF CENTERLINE, 30 FT AGL/598 FT MSL. NOTE: RWY 11, MULTIPLE SIGNS, TREES, TOWERS, AND BLDGS BEGINNING 2348 FT FROM DER, 205 FT LEFT OF CENTERLINE, UP TO 219 FT AGL/774 FT MSL. MULTIPLE SIGNS, TREES, TOWERS, AND BLDGS 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.

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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. OL ON LOC 614 FT FROM DER, ON CENTERLINE, 9 FT AGL/558 FT MSL. MULTIPLE TREES, POLES, ROADS, TERRAIN, AND BLDGS BEGINNING 283 FT FROM DER 185 FT RIGHT OF CENTERLINE, UP TO 65 FT AGL/684 FT MSL. **NOTE: RWY 30R**, OL ON GS 1895 FT FROM DER, 899 FT LEFT OF CENTERLINE, 28 FT AGL/587 FT MSL. MULTIPLE OL ON BLDGS, 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 08L, FENCE 46 FT FROM DER, 338 FT RIGHT OF CENTERLINE, 8 FT AGL/465 FT MSL. BLDG 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 08R**, 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 BLDG 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 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 DOWNTOWN: NOTE: RWY 5, OL 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, UP TO 45 FT AGL/453 FT MSL. **NOTE: RWY 12R**, TREE 3822 FT FROM DER, 20 FT LEFT OF CENTERLINE, UP TO 94 FT AGL/509 FT MSL. TREE 2082 FT FROM DER, 927 FT RIGHT OF CENTERLINE, UP TO 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.

ST. LOUIS REGIONAL: NOTE: RWY 11, TREE AND POLE BEGINNING 1068 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. **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.

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.

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: 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/0901945.00W. 1637 FT MSL TOWER 383147.00N/0901758.00W. **RWY 30L**, **30R** - 1649 FT MSL TOWER 383450.00N/0901945.00W.

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LOST COMMUNICATIONS PROCEDURES:**ADDITIONAL FLIGHT DATA:****AIRPORTS SERVED:****AIRPORT NAME**

LAMBERT-ST. LOUIS INTL
SPIRIT OF ST. LOUIS
ST. LOUIS DOWNTOWN
ST. LOUIS REGIONAL

CITY

ST. LOUIS, MO
ST. LOUIS, MO
CAHOKIA, IL
ALTON, IL

COMMUNICATIONS:

LAMBERT-ST. LOUIS INTL: ATIS, CLNC DEL, GND CON, GND METER, ST LOUIS DEP CON.
SPIRIT OF ST. LOUIS: ATIS, TWR, GND CON, CLNC DEL.
ST. LOUIS DOWNTOWN: ST LOUIS DEP CON, ATIS, TWR, GND CON, CLNC DEL, CTAF.
ST. LOUIS REGIONAL: TWR, CLNC DEL, ST LOUIS DEP CON.

FIXES AND/OR NAVAIDS:

SPI VORTAC R-132, VLA VORTAC R-283, SAM VOR/DME R-229, MWA VOR/DME R-262, CGI VOR/DME R-017.

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
TURBO	SEVEN	TURBO7.STL	SIX	09/23/2010	27 Jun 2013

SUSAP KSTLK3DTURBO73GENTS	030ZEROJK5EA0E	TF	
SUSAP KSTLK3DTURBO73GENTS	040SPORTK5EA0E	TF	
SUSAP KSTLK3DTURBO73GENTS	050GENTSK5EA0EE	TF	
SUSAP KSTLK3DTURBO73PXV	010CSX K3D 0V	IF	18000
SUSAP KSTLK3DTURBO73PXV	020LEEANK5EA0E	TF	
SUSAP KSTLK3DTURBO73PXV	030ZEROJK5EA0E	TF	
SUSAP KSTLK3DTURBO73PXV	040SPORTK5EA0E	TF	
SUSAP KSTLK3DTURBO73PXV	050THOMPK5EA0E	TF	
SUSAP KSTLK3DTURBO73PXV	060PXV K5D 0VE	TF	
SUSAP KSTLK3DTURBO73THOMP	010CSX K3D 0V	IF	18000
SUSAP KSTLK3DTURBO73THOMP	020LEEANK5EA0E	TF	
SUSAP KSTLK3DTURBO73THOMP	030ZEROJK5EA0E	TF	
SUSAP KSTLK3DTURBO73THOMP	040SPORTK5EA0E	TF	
SUSAP KSTLK3DTURBO73THOMP	050THOMPK5EA0EE	TF	

	1	2	3	4	5	6	7	8	9	0	1	2	3
RUNWAY	12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012												
SUSAP KSTLK3GRW06	0076070628	N38444804W090225243-0200	+0136600551000046150I1JAK1										
SUSAP KSTLK3GRW11	0090011222	N38453593W090243555-0700	+0157000618000059150I1OGZ3										
SUSAP KSTLK3GRW12L	0090031222	N38450641W090215866+0800	+0129700528000054150I1LDZ3										
SUSAP KSTLK3GRW12R	0110191222	N38451159W090223998+0400	+0133200540046754200I1LMR1										
SUSAP KSTLK3GRW24	0076072428	N38452238W090212702+0200	+0131300534000050150I1STL1										
SUSAP KSTLK3GRW29	0090013022	N38444846W090225939+0700	+0138100556000056150I1RQN1										
SUSAP KSTLK3GRW30L	0110193022	N38441708W090204942-0400	+0146300583020158200I1BKY1										
SUSAP KSTLK3GRW30R	0090033022	N38441899W090202251-0800	+0152900605000057150I1SJW3										

IRMKL

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
TURBO	SEVEN	TURBO7.STL	SIX	09/23/2010	27 Jun 2013

ARINC SUMMARY - 424-18 - SID

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
	ALL	CSX	010		IF		FB					
	AXC	CSX	010		IF		FB					
	AXC	FRALE	020		TF		FB					
	AXC	WOobi	030		TF		FB					
	AXC	AXC	040		TF		FB					
	ENL	CSX	010		IF		FB					
	ENL	LEEAN	020		TF		FB					
	ENL	VANTS	030		TF		FB					
	ENL	ENL	040		TF		FB					
	FAM	CSX	010		IF		FB					
	FAM	WEDDG	020		TF		FB					
	FAM	FAM	030		TF		FB					
	GENTS	CSX	010		IF		FB					
	GENTS	LEEAN	020		TF		FB					
	GENTS	ZEROJ	030		TF		FB					
	GENTS	SPORT	040		TF		FB					
	GENTS	GENTS	050		TF		FB					
	PXV	CSX	010		IF		FB					
	PXV	LEEAN	020		TF		FB					
	PXV	ZEROJ	030		TF		FB					
	PXV	SPORT	040		TF		FB					
	PXV	THOMP	050		TF		FB					
	PXV	PXV	060		TF		FB					
	THOMP	CSX	010		IF		FB					
	THOMP	LEEAN	020		TF		FB					
	THOMP	ZEROJ	030		TF		FB					
	THOMP	SPORT	040		TF		FB					
	THOMP	THOMP	050		TF		FB					

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	AXC	N394415.08	W0885123.15	N3944.251	W08851.386
	CSX	N384509.88	W0902139.46	N3845.165	W09021.658
	ENL	N382512.00	W0890932.39	N3825.200	W08909.540
	FAM	N374024.46	W0901402.61	N3740.408	W09014.044
	PXV	N375541.95	W0874544.56	N3755.699	W08745.743
	FRALE	N391432.86	W0894843.20	N3914.548	W08948.720
	GENTS	N374347.97	W0892359.57	N3743.800	W08923.993
	LEEAN	N381757.47	W0895550.03	N3817.958	W08955.834
	SPORT	N380153.39	W0894046.61	N3801.890	W08940.777
	THOMP	N375934.13	W0885320.48	N3759.569	W08853.341
	VANTS	N382000.28	W0894257.80	N3820.005	W08942.963

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	WEDDG	N380318.01	W0901642.28	N3803.300	W09016.705
	WOABI	N393747.44	W0892212.88	N3937.791	W08922.215
	ZEROJ	N381214.82	W0895027.98	N3812.247	W08950.466
	RW06	N384448.04	W0902252.43	N3844.801	W09022.874
	RW11	N384535.83	W0902435.55	N3845.597	W09024.593
	RW12L	N384506.41	W0902158.66	N3845.107	W09021.978
	RW12R	N384511.59	W0902239.98	N3845.193	W09022.666
	RW24	N384522.38	W0902127.02	N3845.373	W09021.450
	RW29	N384448.46	W0902259.39	N3844.808	W09022.990
	RW30L	N384417.08	W0902049.42	N3844.285	W09020.824
	RW30R	N384418.99	W0902022.51	N3844.317	W09020.375
RUNWAY DATA	THRESHOLD				
	RWY	ELEVATION	TCH		
	RW06	00551	46		
	RW11	00618	59		
	RW12L	00528	54		
	RW12R	00540	54		
	RW24	00534	50		
	RW29	00556	56		
	RW30L	00583	58		
	RW30R	00605	57		

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ARINC PACKET - 424-18 - SID

[illegible][illegible][illegible][illegible]

DEPARTURE (DATA RECORD)

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SUSAP KSUSK3DTURBO73GENTS 030ZEROJK5EA0E TF
 SUSAP KSUSK3DTURBO73GENTS 040SPORTK5EA0E TF
 SUSAP KSUSK3DTURBO73GENTS 050GENTSK5EA0EE TF
 SUSAP KSUSK3DTURBO73PXV 010CSX K3D 0V IF
 SUSAP KSUSK3DTURBO73PXV 020LEEANK5EA0E TF
 SUSAP KSUSK3DTURBO73PXV 030ZEROJK5EA0E TF
 SUSAP KSUSK3DTURBO73PXV 040SPORTK5EA0E TF
 SUSAP KSUSK3DTURBO73PXV 050THOMPK5EA0E TF
 SUSAP KSUSK3DTURBO73PXV 060PXV K5D 0VE TF
 SUSAP KSUSK3DTURBO73THOMP 010CSX K3D 0V IF
 SUSAP KSUSK3DTURBO73THOMP 020LEEANK5EA0E TF
 SUSAP KSUSK3DTURBO73THOMP 030ZEROJK5EA0E TF
 SUSAP KSUSK3DTURBO73THOMP 040SPORTK5EA0E TF
 SUSAP KSUSK3DTURBO73THOMP 050THOMPK5EA0EE TF

18000

19000

	1	2	3	4	5	6	7	8	9	0	1	2	3
RUNWAY	12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012												
SUSAP KSUSK3GRW08L	0050000761	N38395090W090400582+0000											
SUSAP KSUSK3GRW08R	0074850761	N38392771W090393509+0000											
SUSAP KSUSK3GRW26L	0074852561	N38394201W090380869+0000											
SUSAP KSUSK3GRW26R	0050002561	N38400111W090390414+0000											

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ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
	ALL	CSX	010		IF		FB					
	AXC	CSX	010		IF		FB					
	AXC	FRALE	020		TF		FB					
	AXC	WOobi	030		TF		FB					
	AXC	AXC	040		TF		FB					
	ENL	CSX	010		IF		FB					
	ENL	LEEAN	020		TF		FB					
	ENL	VANTS	030		TF		FB					
	ENL	ENL	040		TF		FB					
	FAM	CSX	010		IF		FB					
	FAM	WEDDG	020		TF		FB					
	FAM	FAM	030		TF		FB					
	GENTS	CSX	010		IF		FB					
	GENTS	LEEAN	020		TF		FB					
	GENTS	ZEROJ	030		TF		FB					
	GENTS	SPORT	040		TF		FB					
	GENTS	GENTS	050		TF		FB					
	PXV	CSX	010		IF		FB					
	PXV	LEEAN	020		TF		FB					
	PXV	ZEROJ	030		TF		FB					
	PXV	SPORT	040		TF		FB					
	PXV	THOMP	050		TF		FB					
	PXV	PXV	060		TF		FB					
	THOMP	CSX	010		IF		FB					
	THOMP	LEEAN	020		TF		FB					
	THOMP	ZEROJ	030		TF		FB					
	THOMP	SPORT	040		TF		FB					
	THOMP	THOMP	050		TF		FB					

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	AXC	N394415.08	W0885123.15	N3944.251	W08851.386
	CSX	N384509.88	W0902139.46	N3845.165	W09021.658
	ENL	N382512.00	W0890932.39	N3825.200	W08909.540
	FAM	N374024.46	W0901402.61	N3740.408	W09014.044
	PXV	N375541.95	W0874544.56	N3755.699	W08745.743
	FRALE	N391432.86	W0894843.20	N3914.548	W08948.720
	GENTS	N374347.97	W0892359.57	N3743.800	W08923.993
	LEEAN	N381757.47	W0895550.03	N3817.958	W08955.834
	SPORT	N380153.39	W0894046.61	N3801.890	W08940.777
	THOMP	N375934.13	W0885320.48	N3759.569	W08853.341
	VANTS	N382000.28	W0894257.80	N3820.005	W08942.963

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
TURBO	SEVEN	TURBO7.STL	SIX	09/23/2010	27 Jun 2013
	WEDDG	N380318.01	W0901642.28	N3803.300	W09016.705
	WOABI	N393747.44	W0892212.88	N3937.791	W08922.215
	ZEROJ	N381214.82	W0895027.98	N3812.247	W08950.466
	RW08L	N383950.90	W0904005.82	N3839.848	W09040.097
	RW08R	N383927.71	W0903935.09	N3839.462	W09039.585
	RW26L	N393942.01	W0903808.69	N3939.700	W09038.145
	RW26R	N384001.11	W0903904.14	N3840.019	W09039.069
RUNWAY DATA	THRESHOLD				
	RWY	ELEVATION	TCH		
	RW08L	00463	41		
	RW08R	00461	55		
	RW26L	00462	55		
	RW26R	00463	47		

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
TURBO	SEVEN	TURBO7.STL	SIX	09/23/2010	27 Jun 2013

ARINC PACKET - 424-18 - SID

NAVAID	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAD	AXC	K5011720VTHA	N39441508W088512315	N39441508W088512315	E0030007082	NARADDERS							
SUSAD	CSX	K3011645VDHW	N38450988W090213946	N38450988W090213946	E0000005302	NARCARDINAL							
SUSAD	ENL	K5011500VTHA	N38251200W089C93239	N38251200W089093239	E0040005462	NARCENTRALIA							
SUSAD	FAM	K3011570VTHA	N37402446W090140261	N37402446W090140261	E0010012222	NARFARMINGTON							
SUSAD	PXV	K5011330VTHA	N37554195W087454456	N37554195W087454456	E0030003842	NARPOCKET CITY							

[illegible][illegible][illegible]

DEPARTURE (DATA RECORD)

[illegible]

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
TURBO	SEVEN	TURBO7.STL	SIX	09/23/2010	27 Jun 2013

ARINC SUMMARY - 424-18 - SID

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
	RW05		010		VA		FB		047.0 ()		AA 00900	
	RW05		020		VM		FB		047.0 ()			
	RW05	CSX	030		DF		FB					
	RW12B		010		VA		FB		122.2 ()		AA 01000	
	RW12B		020		VM		FB		122.2 ()			
	RW12B	CSX	030		DF		FB					
	RW23		010		VA		FB		227.0 ()		AA 02000	
	RW23		020		VM		FB		227.0 ()			
	RW23	CSX	030		DF		FB					
	RW30B		010		VA		FB		302.2 ()		AA 01600	
	RW30B		020		VM		FB		302.2 ()			
	RW30B	CSX	030		DF		FB					
	AXC	CSX	010		IF		FB					
	AXC	FRALE	020		TF		FB					
	AXC	WOABI	030		TF		FB					
	AXC	AXC	040		TF		FB					
	ENL	CSX	010		IF		FB					
	ENL	LEEAN	020		TF		FB					
	ENL	VANTS	030		TF		FB					
	ENL	ENL	040		TF		FB					
	FAM	CSX	010		IF		FB					
	FAM	WEDDG	020		TF		FB					
	FAM	FAM	030		TF		FB					
	GENTS	CSX	010		IF		FB					
	GENTS	LEEAN	020		TF		FB					
	GENTS	ZEROJ	030		TF		FB					
	GENTS	SPORT	040		TF		FB					
	GENTS	GENTS	050		TF		FB					
	PXV	CSX	010		IF		FB					
	PXV	LEEAN	020		TF		FB					
	PXV	ZEROJ	030		TF		FB					
	PXV	SPORT	040		TF		FB					
	PXV	THOMP	050		TF		FB					
	PXV	PXV	060		TF		FB					
	THOMP	CSX	010		IF		FB					
	THOMP	LEEAN	020		TF		FB					
	THOMP	ZEROJ	030		TF		FB					
	THOMP	SPORT	040		TF		FB					
	THOMP	THOMP	050		TF		FB					

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
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DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
TURBO	SEVEN	TURBO7.STL	SIX	09/23/2010	27 Jun 2013

AXC	N394415.08	W0885123.15	N3944.251	W08851.386
CSX	N384509.88	W0902139.46	N3845.165	W09021.658
ENL	N382512.00	W0890932.39	N3825.200	W08909.540
FAM	N374024.46	W0901402.61	N3740.408	W09014.044
PXV	N375541.95	W0874544.56	N3755.699	W08745.743
FRALE	N391432.86	W0894843.20	N3914.548	W08948.720
GENTS	N374347.97	W0892359.57	N3743.800	W08923.993
LEEAN	N381757.47	W0895550.03	N3817.958	W08955.834
SPORT	N380153.39	W0894046.61	N3801.890	W08940.777
THOMP	N375934.13	W0885320.48	N3759.569	W08853.341
VANTS	N382000.28	W0894257.80	N3820.005	W08942.963
WEDDG	N380318.01	W0901642.28	N3803.300	W09016.705
WOobi	N393747.44	W0892212.88	N3937.791	W08922.215
ZEROJ	N381214.82	W0895027.98	N3812.247	W08950.466
RW05	N383420.48	W0901006.71	N3834.341	W09010.112
RW12L	N383425.59	W0900929.55	N3834.427	W09009.493
RW12R	N383426.41	W0900954.23	N3834.440	W09009.904
RW23	N383439.36	W0900940.96	N3834.656	W09009.683
RW30L	N383349.51	W0900839.65	N3833.825	W09008.661
RW30R	N383357.65	W0900833.09	N3833.961	W09008.552

RUNWAY DATA

RWY	THRESHOLD ELEVATION	TCH
RW05	00410	50
RW12L	00410	50
RW12R	00412	50
RW23	00409	50
RW30L	00408	55
RW30R	00407	40

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
TURBO	SEVEN	TURBO7.STL	SIX	09/23/2010	27 Jun 2013

ARINC PACKET - 424-18 - SID

NAVAID	1	2	3	4	5	6	7	8	9	0	1	2	3
	12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012												
SUSAD	AXC	K5011720VTHA	N39441508W088512315	N39441508W088512315E0030007082	NARADDERS								
SUSAD	CSX	K3011645VDHW	N38450988W090213946	N38450988W090213946E0000005302	NARCARDINAL								
SUSAD	ENL	K5011500VTHA	N38251200W089093239	N38251200W089093239E0040005462	NARCENTRALIA								
SUSAD	FAM	K3011570VTHA	N37402446W090140261	N37402446W090140261E0010012222	NARFARMINGTON								
SUSAD	PKV	K5011330VTHA	N37554195W087454456	N37554195W087454456E0030003842	NARPOCKET CITY								

WP	1	2	3	4	5	6	7	8	9	0	1	2	3
	12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012												
SUSAEAENRT	FRALE	K50	R	N39143286W089484320	W0016	NAR	FRALE						
SUSAEAENRT	GENTS	K50	R	L N37434797W089235957	W0017	NAR	GENTS						
SUSAEAENRT	LEEAN	K50	R	N38175747W089555003	W0013	NAR	LEEAN						
SUSAEAENRT	SPORT	K50	R	N38015339W089404661	W0015	NAR	SPORT						
SUSAEAENRT	THOMP	K50	R	N37593413W088532048	W0021	NAR	THOMP						
SUSAEAENRT	VANTS	K50	R	N38200028W089425780	W0015	NAR	VANTS						
SUSAEAENRT	WEDDG	K30	R	N38031801W090164228	W0011	NAR	WEDDG						
SUSAEAENRT	WOobi	K50	R	N39374744W089221288	W0020	NAR	WOobi						
SUSAEAENRT	ZEROJ	K50	R	N38121482W089502798	W0014	NAR	ZEROJ						

AIRPORT	1	2	3	4	5	6	7	8	9	0	1	2	3
	12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012												
SUSAP	KALNK5AALN	0	080YHN38532370W09002456CW001000544	1800018000C	MNAR	ST LOUIS	RGNL						

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
	12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012												
SUSAP	KALNK5DTURBO72ALL	010CSX	K3D OVE	IF	18000								
SUSAP	KALNK5DTURBO73AXC	010CSX	K3D OV	IF	18000								
SUSAP	KALNK5DTURBO73AXC	020FRALEK5EA0E	TF										
SUSAP	KALNK5DTURBO73AXC	030WOobiK5EA0E	TF										
SUSAP	KALNK5DTURBO73AXC	040AXC	K5D OVE	TF									
SUSAP	KALNK5DTURBO73ENL	010CSX	K3D OV	IF	18000								
SUSAP	KALNK5DTURBO73ENL	020LEEANK5EA0E	TF										
SUSAP	KALNK5DTURBO73ENL	030VANTSK5EA0E	TF										
SUSAP	KALNK5DTURBO73ENL	040ENL	K5D OVE	TF									
SUSAP	KALNK5DTURBO73FAM	010CSX	K3D OV	IF	18000								
SUSAP	KALNK5DTURBO73FAM	020WEDDGK3EA0E	TF										
SUSAP	KALNK5DTURBO73FAM	030FAM	K3D OVE	TF									
SUSAP	KALNK5DTURBO73GENTS	010CSX	K3D OV	IF	18000								
SUSAP	KALNK5DTURBO73GENTS	020LEEANK5EA0E	TF										

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
TURBO	SEVEN	TURBO7.STL	SIX	09/23/2010	27 Jun 2013

SUSAP	KALNK5DTURBO73GENTS	030ZEROJK5EA0E	TF	
SUSAP	KALNK5DTURBO73GENTS	040SPORTK5EA0E	TF	
SUSAP	KALNK5DTURBO73GENTS	050GENTSKS5EA0EE	TF	
SUSAP	KALNK5DTURBO73PXV	010CSX K3D 0V	IF	18000
SUSAP	KALNK5DTURBO73PXV	020LEEANK5EA0E	TF	
SUSAP	KALNK5DTURBO73PXV	030ZEROJK5EA0E	TF	
SUSAP	KALNK5DTURBO73PXV	040SPORTK5EA0E	TF	
SUSAP	KALNK5DTURBO73PXV	050THOMPK5EA0E	TF	
SUSAP	KALNK5DTURBO73PXV	060PXV K5D 0VE	TF	
SUSAP	KALNK5DTURBO73THOMP	010CSX K3D 0V	IF	19000
SUSAP	KALNK5DTURBO73THOMP	020LEEANK5EA0E	TF	
SUSAP	KALNK5DTURBO73THOMP	030ZEROJK5EA0E	TF	
SUSAP	KALNK5DTURBO73THOMP	040SPORTK5EA0E	TF	
SUSAP	KALNK5DTURBO73THOMP	050THOMPK5EA0EE	TF	

[illegible]

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
TURBO	SEVEN	TURBO7.STL	SIX	09/23/2010	27 Jun 2013

ARINC SUMMARY - 424-18 - SID

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	ALL	CSX	010		IF		FB					
	AXC	CSX	010		IF		FB					
	AXC	FRALE	020		TF		FB					
	AXC	WOobi	030		TF		FB					
	AXC	AXC	040		TF		FB					
	ENL	CSX	010		IF		FB					
	ENL	LEEAN	020		TF		FB					
	ENL	VANTS	030		TF		FB					
	ENL	ENL	040		TF		FB					
	FAM	CSX	010		IF		FB					
	FAM	WEDDG	020		TF		FB					
	FAM	FAM	030		TF		FB					
	GENTS	CSX	010		IF		FB					
	GENTS	LEEAN	020		TF		FB					
	GENTS	ZEROJ	030		TF		FB					
	GENTS	SPORT	040		TF		FB					
	GENTS	GENTS	050		TF		FB					
	PXV	CSX	010		IF		FB					
	PXV	LEEAN	020		TF		FB					
	PXV	ZEROJ	030		TF		FB					
	PXV	SPORT	040		TF		FB					
	PXV	THOMP	050		TF		FB					
	PXV	PXV	060		TF		FB					
	THOMP	CSX	010		IF		FB					
	THOMP	LEEAN	020		TF		FB					
	THOMP	ZEROJ	030		TF		FB					
	THOMP	SPORT	040		TF		FB					
	THOMP	THOMP	050		TF		FB					

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	AXC	N394415.08	W0885123.15	N3944.251	W08851.386
	CSX	N384509.88	W0902139.46	N3845.165	W09021.658
	ENL	N382512.00	W0890932.39	N3825.200	W08909.540
	FAM	N374024.46	W0901402.61	N3740.408	W09014.044
	PXV	N375541.95	W0874544.56	N3755.699	W08745.743
	FRALE	N391432.86	W0894843.20	N3914.548	W08948.720
	GENTS	N374347.97	W0892359.57	N3743.800	W08923.993
	LEEAN	N381757.47	W0895550.03	N3817.958	W08955.834
	SPORT	N380153.39	W0894046.61	N3801.890	W08940.777
	THOMP	N375934.13	W0885320.48	N3759.569	W08853.341
	VANTS	N382000.28	W0894257.80	N3820.005	W08942.963

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
TURBO	SEVEN	TURBO7.STL	SIX	09/23/2010	27 Jun 2013
	WEDDG	N380318.01	W0901642.28	N3803.300	W09016.705
	WOObI	N393747.44	W0892212.88	N3937.791	W08922.215
	ZEROJ	N381214.82	W0895027.98	N3812.247	W08950.466
	RW11	N385342.86	W0900317.86	N3853.714	W09003.298
	RW17	N385351.50	W0900308.64	N3853.858	W09003.144
	RW29	N385311.12	W0900143.83	N3853.185	W09001.731
	RW35	N385247.69	W0900259.12	N3852.795	W09002.985
RUNWAY DATA	THRESHOLD				
	RWY	ELEVATION	TCH		
	RW11	00538	46		
	RW17	00533	43		
	RW29	00526	55		
	RW35	00542	43		