

**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DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
CARDS	EIGHT	CARDS8.STL	SEVEN	10/27/2005	31 MAY 2012

TYPE: SID

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. 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...

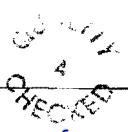
RWY 23 - CLIMB HEADING 226.97 TO 2000 BEFORE TURNING, THEN CLIMB AND MAINTAIN 2500 OR ASSIGNED ALTITUDE. EXPECT VECTOR TO APPROPRIATE ROUTE, THENCE...

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...

...(TRANSITION). 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
BRADFORD	CARDS8.BDF	CSX VOR/DME	SKYPE	009.94 (CSX R-010)	37.00	3000	2100	
			SKYPE	009.94 (CSX R-010)	43.09	8000	2100	
			SKUTR	018.43 (BDF R-198)	68.92	8000	2400	
LEBOY	CARDS8.LEBOY	CSX VOR/DME	DEECE	346.42 (CSX R-346)	38.00	3000	2200	
			DEECE	346.42 (CSX R-346)	3.99	3000	2200	



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CARDS	EIGHT	CARDS8.STL	SEVEN	10/27/2005	31 MAY 2012
NEENS	CARDS8.NEENS	CSX VOR/DME MYKEY	355.00 (CSX R-355)	38.00	3000 2100
		MYKEY NEENS	355.00 (CSX R-355)	52.00	12000 2200
SPINNER	CARDS8.SPI	CSX VOR/DME TEWHY	025.82 (CSX R-026)	38.00	2700 2100
		TEWHY SPI VORTAC	027.25 (SPI R-207)	34.52	2700 2200

PROCEDURAL DATA NOTES/TAKEOFF MINIMUMS:

NOTE: DME AND RADAR REQUIRED.

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, 200-2 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 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:

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 BUILDINGS BEGINNING 2348 FT FROM DER, 205 FT LEFT OF CENTERLINE, UP TO 219 FT AGL/774 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 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. 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 8L, MULTIPLE TREES BEGINNING 1245 FT FROM DER, 52 FT LEFT OF CENTERLINE, UP TO 74 FT AGL/533 FT MSL. MULTIPLE TREES AND FENCE BEGINNING 46 FT FROM DER, 72 FT RIGHT OF CENTERLINE, UP TO 57 FT AGL/516 FT MSL. NOTE: RWY 8R, RAILROAD AND ANT ON BLDG BEGINNING 142 FT FROM DER, 18 FT LEFT OF CENTERLINE, UP TO 33 FT AGL/482 FT MSL. NOTE: 26L, TREE 2239 FT FROM DER, 509 FT RIGHT OF CENTERLINE, UP TO 62 FT AGL/521 FT MSL. NOTE: RWY 26R, MULTIPLE TREES BEGINNING 1898 FT FROM DER, 18 FT LEFT OF CENTERLINE, UP TO 130 FT AGL/589 FT MSL. MULTIPLE TREES BEGINNING 32 FT FROM DER, 41 FT RIGHT OF CENTERLINE, UP TO 142 FT AGL/601 FT MSL.

QUALITY
4
CHECKED

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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. 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 1.2 NM FROM DER, 2285 FT LEFT OF CENTERLINE, 100 FT AGL/669 FT MSL. NOTE: RWY 32R, TREES BEGINNING 352 FT FROM DER, 198 FT LEFT OF CENTERLINE, UP TO 77 FT AGL/501 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, 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, 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, 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-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:

AIRPORTS SERVED:

LAMBERT-ST LOUIS INTL
SPIRIT OF ST LOUIS
ST LOUIS RGNL
SCOTT AFB/MIDAMERICA
ST LOUIS DOWNTOWN

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



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COMMUNICATIONS:

ATIS, CLNC DEL, GND CON, TWR, DEP CON, CTAF, GND METER.

FIXES AND/OR NAVAIDS:

STL VORTAC, UIN VORTAC.

REMARKS:

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
CARDS	EIGHT	CARDS8.STL	SEVEN	10/27/2005	31 MAY 2012
SUSAP KSUSK3GRW08L	0050000761	N38395090W090400582+0000	+0109900463000041075R		
SUSAP KSUSK3GRW08R	0074860761	N38392771W090393509+0000	+0109400461000055150IISUS1		
SUSAP KSUSK3GRW26L	0074862561	N38394201W090380869+0000	+0109600462048155150IIFZU1		
SUSAP KSUSK3GRW26R	0050002561	N38400111W090390414+0000	+0109900463000047075R		



DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
CARDS	EIGHT	CARDS8.STL	SEVEN	10/27/2005	31 MAY 2012

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					
	BDF	CSX	010		IF		FB					
	BDF	SKYPE	020		TF		FB	009.9 ()		037.0		
	BDF	SKUTR	030		TF		FB	009.9 ()		043.1		
	BDF	BDF	040		TF		FB	018.4 ()		068.9		
	LEBOY	CSX	010		IF		FB					
	LEBOY	DEECE	020		TF		FB	346.4 ()		038.0		
	LEBOY	LEBOY	030		TF		FB	346.4 ()		004.0		
	NEENS	CSX	010		IF		FB					
	NEENS	MYKEY	020		TF		FB	355.0 ()		038.0		
	NEENS	NEENS	030		TF		FB	355.0 ()		052.0		
	SPI	CSX	010		IF		FB					
	SPI	TEWHY	020		TF		FB	025.8 ()		038.0		
	SPI	SPI	030		TF		FB	027.3 ()		034.5		

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	BDF	N410935.03	W0893516.34	N4109.584	W08935.272
	CSX	N384509.88	W0902139.46	N3845.165	W09021.658
	SPI	N395023.04	W0894039.83	N3950.384	W08940.664
	DEECE	N392207.64	W0903309.77	N3922.127	W09033.163
	LEBOY	N392600.26	W0903422.97	N3926.004	W09034.383
	MYKEY	N392303.25	W0902555.50	N3923.054	W09025.925
	NEENS	N401453.50	W0903153.80	N4014.892	W09031.897
	SKUTR	N400406.09	W0900339.12	N4004.102	W09003.652
	SKYPE	N392138.33	W0901325.61	N3921.639	W09013.427
	TEWHY	N391922.32	W0900020.03	N3919.372	W09000.334
	RW08L	N383950.90	W0904005.82	N3839.848	W09040.097
	RW08R	N383927.71	W0903935.09	N3839.462	W09039.585
	RW26L	N383942.01	W0903808.69	N3839.700	W09038.145
	RW26R	N384001.11	W0903904.14	N3840.019	W09039.069

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW08L	00463	41
	RW08R	00461	55
	RW26L	00462	55
	RW26R	00463	47



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CARDS	EIGHT	CARDS8.STL	SEVEN	10/27/2005	31 MAY 2012
SUSAP KSTLK3GRW06	0076070628	N38444804W090225243-0200	+0136600551000046150I IJAK1		
SUSAP KSTLK3GRW11	0090011222	N38453583W090243555-0700	+0157000618000059150I IOGZ3		
SUSAP KSTLK3GRW12L	0090031222	N38450641W090215866+0800	+0129700528000054150I ILDZ3		
SUSAP KSTLK3GRW12R	0110191222	N38451159W090223998+0400	+0133200540046754200I ILMR1		
SUSAP KSTLK3GRW24	0076072428	N38452238W090212702+0200	+0131300534000050150I I STL1		
SUSAP KSTLK3GRW29	0090013022	N38444846W090225939+0700	+0138100556000056150I IRQN1		
SUSAP KSTLK3GRW30L	0110193022	N38441708W090204942-0400	+0146300583020158200I IBKY1		
SUSAP KSTLK3GRW30R	0090033022	N38441899W090202251-0800	+0152900605000057150I ISJW3		

IRMKL

DEPARTURE (DATA RECORD)

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CARDS	EIGHT	CARDS8.STL	SEVEN	10/27/2005	31 MAY 2012

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					
	BDF	CSX	010		IF		FB					
	BDF	SKYPE	020		TF		FB		009.9()	037.0		
	BDF	SKUTR	030		TF		FB		009.9()	043.1		
	BDF	BDF	040		TF		FB		018.4()	068.9		
	LEBOY	CSX	010		IF		FB					
	LEBOY	DEECE	020		TF		FB		346.4()	038.0		
	LEBOY	LEBOY	030		TF		FB		346.4()	004.0		
	NEENS	CSX	010		IF		FB					
	NEENS	MYKEY	020		TF		FB		355.0()	038.0		
	NEENS	NEENS	030		TF		FB		355.0()	052.0		
	SPI	CSX	010		IF		FB					
	SPI	TEWHY	020		TF		FB		025.8()	038.0		
	SPI	SPI	030		TF		FB		027.3()	034.5		

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	BDF	N410935.03	W0893516.34	N4109.584	W08935.272
	CSX	N384509.88	W0902139.46	N3845.165	W09021.658
	SPI	N395023.04	W0894039.83	N3950.384	W08940.664
	DEECE	N392207.64	W0903309.77	N3922.127	W09033.163
	LEBOY	N392600.26	W0903422.97	N3926.004	W09034.383
	MYKEY	N392303.25	W0902555.50	N3923.054	W09025.925
	NEENS	N401453.50	W0903153.80	N4014.892	W09031.897
	SKUTR	N400406.09	W0900339.12	N4004.102	W09003.652
	SKYPE	N392138.33	W0901325.61	N3921.639	W09013.427
	TEWHY	N391922.32	W0900020.03	N3919.372	W09000.334
	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	RWY	THRESHOLD ELEVATION	TCH
	RW06	00551	46
	RW11	00618	59
	RW12L	00528	54



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	RW12R 00540	54			
	RW24 00534	50			
	RW29 00556	56			
	RW30L 00583	58			
	RW30R 00605	57			

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CARDS	EIGHT	CARDS8.STL	SEVEN	10/27/2005	31 MAY 2012
SUSAP KCPSK5GRW05	0027990470	N38342048W090100672+0000	+0094100410000050075D		
SUSAP KCPSK5GRW12L	0053001222	N38342559W090092956-0100	+0094200411000050075D		
SUSAP KCPSK5GRW12R	0069971222	N38342639W090095419-0100	+0095000413000050100R		
SUSAP KCPSK5GRW23	0027992270	N38343937W090094096+0000	+0093700409000050075D		
SUSAP KCPSK5GRW30L	0069973022	N38334952W090083966+0100	+0093700409000055100IICPS1		
SUSAP KCPSK5GRW30R	0053003022	N38335765W090083309+0100	+0093200407000040075R		

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	ALL	CSX	010		IF		FB					
	BDF	CSX	010		IF		FB					
	BDF	SKYPE	020		TF		FB	009.9()		037.0		
	BDF	SKUTR	030		TF		FB	009.9()		043.1		
	BDF	BDF	040		TF		FB	018.4()		068.9		
	LEBOY	CSX	010		IF		FB					
	LEBOY	DEECE	020		TF		FB	346.4()		038.0		
	LEBOY	LEBOY	030		TF		FB	346.4()		004.0		
	NEENS	CSX	010		IF		FB					
	NEENS	MYKEY	020		TF		FB	355.0()		038.0		
	NEENS	NEENS	030		TF		FB	355.0()		052.0		
	SPI	CSX	010		IF		FB					
	SPI	TEWHY	020		TF		FB	025.8()		038.0		
	SPI	SPI	030		TF		FB	027.3()		034.5		

POINT DATA

WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
BDF	N410935.03	W0893516.34	N4109.584	W08935.272
CSX	N384509.88	W0902139.46	N3845.165	W09021.658
SPI	N395023.04	W0894039.83	N3950.384	W08940.664
DEECE	N392207.64	W0903309.77	N3922.127	W09033.163
LEBOY	N392600.26	W0903422.97	N3926.004	W09034.383
MYKEY	N392303.25	W0902555.50	N3923.054	W09025.925
NEENS	N401453.50	W0903153.80	N4014.892	W09031.897
SKUTR	N400406.09	W0900339.12	N4004.102	W09003.652
SKYPE	N392138.33	W0901325.61	N3921.639	W09013.427
TEWHY	N391922.32	W0900020.03	N3919.372	W09000.334
RW05	N383420.48	W0901006.72	N3834.341	W09010.112
RW12L	N383425.59	W0900929.56	N3834.427	W09009.493
RW12R	N383426.39	W0900954.19	N3834.440	W09009.903
RW23	N383439.37	W0900940.96	N3834.656	W09009.683
RW30L	N383349.52	W0900839.66	N3833.825	W09008.661
RW30R	N383357.65	W0900833.09	N3833.961	W09008.552

RUNWAY DATA

RWY	THRESHOLD ELEVATION	TCH
RW05	00410	50
RW12L	00411	50
RW12R	00413	50
RW23	00409	50
RW30L	00409	55



DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
CARDS	EIGHT	CARDS8.STL	SEVEN	10/27/2005	31 MAY 2012

RW30R 00407 40

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
CARDS	EIGHT	CARDS8.STL	SEVEN	10/27/2005	31 MAY 2012
SUSAP KBLVK5GRW14L	0100001346	N38332231W089500059+0000	+0103900441000055150IIBTC1		
SUSAP KBLVK5GRW14R	0080111345	N38330658W089514299-0300	+0109200459000051150IIOXK1		
SUSAP KBLVK5GRW32L	0080113145	N38321061W089503544+0300	+0102600437021057150IIBLV1		
SUSAP KBLVK5GRW32R	0100003146	N38321054W089483404+0000	+0104000442000055150IJDUI		

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
CARDS	EIGHT	CARDS8.STL	SEVEN	10/27/2005	31 MAY 2012

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					
	BDF	CSX	010		IF		FB					
	BDF	SKYPE	020		TF		FB		009.9()	037.0		
	BDF	SKUTR	030		TF		FB		009.9()	043.1		
	BDF	BDF	040		TF		FB		018.4()	068.9		
	LEBOY	CSX	010		IF		FB					
	LEBOY	DEECE	020		TF		FB		346.4()	038.0		
	LEBOY	LEBOY	030		TF		FB		346.4()	004.0		
	NEENS	CSX	010		IF		FB					
	NEENS	MYKEY	020		TF		FB		355.0()	038.0		
	NEENS	NEENS	030		TF		FB		355.0()	052.0		
	SPI	CSX	010		IF		FB					
	SPI	TEWHY	020		TF		FB		025.8()	038.0		
	SPI	SPI	030		TF		FB		027.3()	034.5		

POINT DATA

WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
BDF	N410935.03	W0893516.34	N4109.584	W08935.272
CSX	N384509.88	W0902139.46	N3845.165	W09021.658
SPI	N395023.04	W0894039.83	N3950.384	W08940.664
DEECE	N392207.64	W0903309.77	N3922.127	W09033.163
LEBOY	N392600.26	W0903422.97	N3926.004	W09034.383
MYKEY	N392303.25	W0902555.50	N3923.054	W09025.925
NEENS	N401453.50	W0903153.80	N4014.892	W09031.897
SKUTR	N400406.09	W0900339.12	N4004.102	W09003.652
SKYPE	N392138.33	W0901325.61	N3921.639	W09013.427
TEWHY	N391922.32	W0900020.03	N3919.372	W09000.334
RW14L	N383322.31	W0895000.59	N3833.372	W08950.010
RW14R	N383306.58	W0895142.99	N3833.110	W08951.717
RW32L	N383210.61	W0895035.44	N3832.177	W08950.591
RW32R	N383210.54	W0894834.04	N3832.176	W08948.567

RUNWAY DATA

RWY	THRESHOLD ELEVATION	TCH
RW14L	00441	55
RW14R	00459	51
RW32L	00437	57
RW32R	00442	55

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
CARDS	EIGHT	CARDS8.STL	SEVEN	10/27/2005	31 MAY 2012
SUSAP KALNK5GRW11	0080981144	N38534286W090031786-0100	+0132600538000046150R		
SUSAP KALNK5GRW17	0065001744	N38535151W090030864+0100	+0131400534000043100R		
SUSAP KALNK5GRW29	0080982944	N38531112W090014383+0100	+0129100526000055150IIALN1		
SUSAP KALNK5GRW35	0065003544	N38524769W090025913-0100	+0134100543000043100R		

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
CARDS	EIGHT	CARDS8.STL	SEVEN	10/27/2005	31 MAY 2012

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					
	BDF	CSX	010		IF		FB					
	BDF	SKYPE	020		TF		FB		009.9()	037.0		
	BDF	SKUTR	030		TF		FB		009.9()	043.1		
	BDF	BDF	040		TF		FB		018.4()	068.9		
	LEBOY	CSX	010		IF		FB					
	LEBOY	DEECE	020		TF		FB		346.4()	038.0		
	LEBOY	LEBOY	030		TF		FB		346.4()	004.0		
	NEENS	CSX	010		IF		FB					
	NEENS	MYKEY	020		TF		FB		355.0()	038.0		
	NEENS	NEENS	030		TF		FB		355.0()	052.0		
	SPI	CSX	010		IF		FB					
	SPI	TEWHY	020		TF		FB		025.8()	038.0		
	SPI	SPI	030		TF		FB		027.3()	034.5		

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	BDF	N410935.03	W0893516.34	N4109.584	W08935.272
	CSX	N384509.88	W0902139.46	N3845.165	W09021.658
	SPI	N395023.04	W0894039.83	N3950.384	W08940.664
	DEECE	N392207.64	W0903309.77	N3922.127	W09033.163
	LEBOY	N392600.26	W0903422.97	N3926.004	W09034.383
	MYKEY	N392303.25	W0902555.50	N3923.054	W09025.925
	NEENS	N401453.50	W0903153.80	N4014.892	W09031.897
	SKUTR	N400406.09	W0900339.12	N4004.102	W09003.652
	SKYPE	N392138.33	W0901325.61	N3921.639	W09013.427
	TEWHY	N391922.32	W0900020.03	N3919.372	W09000.334
	RW11	N385342.86	W0900317.86	N3853.714	W09003.298
	RW17	N385351.51	W0900308.64	N3853.859	W09003.144
	RW29	N385311.12	W0900143.83	N3853.185	W09001.731
	RW35	N385247.69	W0900259.13	N3852.795	W09002.986

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW11	00538	46
	RW17	00534	43
	RW29	00526	55
	RW35	00543	43

