

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DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date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	NINE	CARDS9.CSX	EIGHT	31 MAY 12	31 MAR 2016

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 3000 OR ASSIGNED ALTITUDE, THENCE...

DEPARTING STLOUIS 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 STLOUIS 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	CARDS9.BDF	CSX VOR/DME	SKYPE	009.94 (CSX R-010)	37.00	3000	2100	
		SKYPE	SKUTR	009.94 (CSX R-010)	43.09	8000	2100	
		SKUTR	BDF VORTAC	018.43 (BDF R-198)	68.92	8000	2400	
LEBOY	CARDS9.LEBOY	CSX VOR/DME	DEECE	346.42 (CSX R-346)	38.00	3000	2200	
		DEECE	LEBOY	346.42 (CSX R-346)	3.99	3000	2200	
NEENS	CARDS9.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	

QUALITY
17
CHECKED

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CARDS	NINE	CARDS9.CSX	EIGHT	31 MAY 12	31 MAR 2016
SPINNER	CARDS9.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 ½ 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. 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.

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CARDS	NINE	CARDS9.CSX	EIGHT	31 MAY 12	31 MAR 2016

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.

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

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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:

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

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

ST LOUIS RGNL: CHART: TOP ALTITUDE: 2500

SCOTT AFB/MIDAMERICA: CHART: TOP ALTITUDE: 3000

ST LOUIS DOWNTOWN: CHART: TOP ALTITUDE: 2500

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

COMMUNICATIONS:

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

FIXES AND/OR NAVAIDS:

STL VORTAC, UIN VORTAC



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CARDS	NINE	CARDS9.CSX	EIGHT	31 MAY 12	31 MAR 2016

REMARKS:

TREATED AS MINOR AMENDMENT. TABLE TOP FLIGHT INSPECTION REQUESTED.

CHANGES:

1. RAISED SPIRIT OF ST LOUIS DEPARTURE ROUTE ALTITUDE FROM "MAINTAIN 2500" TO "MAINTAIN 3000."
2. ADDED TOP ALTITUDES TO ALL AIRPORTS.

REASONS:

1. ATC REQUEST/IFP CHECKLIST.
2. ATC REQUEST.



DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
CARDS	NINE	CARDS9 . CSX	EIGHT	31 MAY 12	31 MAR 2016

ARINC SUMMARY - KALN

ROUTES

TRANSITION	WPT SEQ	WPT NAME	LEG TYPE	FB/FO	RNP	MAG CRS	REC NAV	ANGLE	TURN DIR	CENTER FIX	TURN RADIUS	ALTITUDE DESCRIPTION & VALUE	SPEED LIMIT DESCRIPTION & VALUE	WPT DESCRIPTION CODE
ALL	010	CSX	IF	FB										VE
BDF	010	CSX	IF	FB										V
BDF	020	SKYPE	TF	FB										E
BDF	030	SKUTR	TF	FB										E
BDF	040	BDF	TF	FB										VE
LEBOY	010	CSX	IF	FB										V
LEBOY	020	DEECE	TF	FB										E
LEBOY	030	LEBOY	TF	FB										EE
NEENS	010	CSX	IF	FB										V
NEENS	020	MYKEY	TF	FB										E
NEENS	030	NEENS	TF	FB										EE
SPI	010	CSX	IF	FB										V
SPI	020	TEWHY	TF	FB										E
SPI	030	SPI	TF	FB										VE

POINTS

POINT NAME	LATITUDE	LONGITUDE
BDF	N410935.03	W0893516.34
CSX	N384509.88	W0902139.46
SPI	N395023.04	W0894039.85
DEECE	N392207.64	W0903309.77
LEBOY	N392600.26	W0903422.97
MYKEY	N392303.25	W0902555.50
NEENS	N401453.50	W0903153.80
SKUTR	N400406.09	W0900339.12
SKYPE	N392138.33	W0901325.61
TEWHY	N391922.32	W0900020.03

RUNWAYS

RUNWAY	THRESHOLD LATITUDE	THRESHOLD LONGITUDE	THRESHOLD ELEVATION
RW11	N385342.86	W0900317.86	00538
RW17	N385351.50	W0900308.64	00533
RW29	N385311.12	W0900143.83	00526

QUALITY
15
CHECKED

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
CARDS	NINE	CARDS9 . CSX	EIGHT	31 MAY 12	31 MAR 2016
RW35	N385247 . 69	W0900259 . 12	00542		

QUALITY
15
CHECKED

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
CARDS	NINE	CARDS9 . CSX	EIGHT	31 MAY 12	31 MAR 2016

ARINC SUMMARY - KBLV

ROUTES

TRANSITION	WPT SEQ	WPT NAME	LEG TYPE	FB/FO	RNP	MAG CRS	REC NAV	ANGLE	TURN DIR	CENTER FIX	TURN RADIUS	ALTITUDE DESCRIPTION & VALUE	SPEED LIMIT DESCRIPTION & VALUE	WPT DESCRIPTION CODE
ALL	010	CSX	IF	FB										VE
BDF	010	CSX	IF	FB										V
BDF	020	SKYPE	TF	FB										E
BDF	030	SKUTR	TF	FB										E
BDF	040	BDF	TF	FB										VE
LEBOY	010	CSX	IF	FB										V
LEBOY	020	DEECE	TF	FB										E
LEBOY	030	LEBOY	TF	FB										EE
NEENS	010	CSX	IF	FB										V
NEENS	020	MYKEY	TF	FB										E
NEENS	030	NEENS	TF	FB										EE
SPI	010	CSX	IF	FB										V
SPI	020	TEWHY	TF	FB										E
SPI	030	SPI	TF	FB										VE

POINTS

POINT NAME	LATITUDE	LONGITUDE
BDF	N410935.03	W0893516.34
CSX	N384509.88	W0902139.46
SPI	N395023.04	W0894039.85
DEECE	N392207.64	W0903309.77
LEBOY	N392600.26	W0903422.97
MYKEY	N392303.25	W0902555.50
NEENS	N401453.50	W0903153.80
SKUTR	N400406.09	W0900339.12
SKYPE	N392138.33	W0901325.61
TEWHY	N391922.32	W0900020.03

RUNWAYS

RUNWAY	THRESHOLD LATITUDE	THRESHOLD LONGITUDE	THRESHOLD ELEVATION
RW14L	N383322.31	W0895000.58	00442
RW14R	N383306.58	W0895142.98	00459
RW32L	N383210.61	W0895035.45	00437

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
CARDS	NINE	CARDS9 . CSX	EIGHT	31 MAY 12	31 MAR 2016
RW32R	N383210 . 54	W0894834 . 04	00442		

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DEPARTURE (DATA RECORD)

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CARDS	NINE	CARDS9 .CSX	EIGHT	31 MAY 12	31 MAR 2016

ARINC SUMMARY - KCPS

ROUTES

TRANSITION	WPT SEQ	WPT NAME	LEG TYPE	FB/FO	RNP	MAG CRS	REC NAV	ANGLE	TURN DIR	CENTER FIX	TURN RADIUS	ALTITUDE DESCRIPTION & VALUE	SPEED LIMIT DESCRIPTION & VALUE	WPT DESCRIPTION CODE
RW05	010		VA	FB		047.0						AA 00900		
RW05	020		VM	FB		047.0								
RW05	030	CSX	DF	FB										VE
RW12B	010		VA	FB		122.2						AA 01000		
RW12B	020		VM	FB		122.2								
RW12B	030	CSX	DF	FB										VE
RW23	010		VA	FB		227.0						AA 02000		
RW23	020		VM	FB		227.0								
RW23	030	CSX	DF	FB										VE
RW30B	010		VA	FB		302.2						AA 01600		
RW30B	020		VM	FB		302.2								
RW30B	030	CSX	DF	FB										VE
BDF	010	CSX	IF	FB										V
BDF	020	SKYPE	TF	FB										E
BDF	030	SKUTR	TF	FB										E
BDF	040	BDF	TF	FB										VE
LEBOY	010	CSX	IF	FB										V
LEBOY	020	DEECE	TF	FB										E
LEBOY	030	LEBOY	TF	FB										EE
NEENS	010	CSX	IF	FB										V
NEENS	020	MYKEY	TF	FB										E
NEENS	030	NEENS	TF	FB										EE
SPI	010	CSX	IF	FB										V
SPI	020	TEWHY	TF	FB										E
SPI	030	SPI	TF	FB										VE

POINTS

POINT NAME	LATITUDE	LONGITUDE
BDF	N410935.03	W0893516.34
CSX	N384509.88	W0902139.46
SPI	N395023.04	W0894039.85
DEECE	N392207.64	W0903309.77
LEBOY	N392600.26	W0903422.97
MYKEY	N392303.25	W0902555.50
NEENS	N401453.50	W0903153.80
SKUTR	N400406.09	W0900339.12

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CARDS		NINE	CARDS9 . CSX	EIGHT	31 MAY 12	31 MAR 2016
SKYPE		N392138.33	W0901325.61			
TEWHY		N391922.32	W0900020.03			
RUNWAYS						
RUNWAY	THRESHOLD	THRESHOLD	THRESHOLD			
	LATITUDE	LONGITUDE	ELEVATION			
RW05	N383420.48	W0901006.71	00410			
RW12L	N383425.59	W0900929.55	00410			
RW12R	N383426.41	W0900954.23	00412			
RW23	N383439.36	W0900940.96	00409			
RW30L	N383349.51	W0900839.65	00408			
RW30R	N383357.65	W0900833.09	00407			



DEPARTURE (DATA RECORD)

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CARDS	NINE	CARDS9 . CSX	EIGHT	31 MAY 12	31 MAR 2016

ARINC SUMMARY - KSTL

ROUTES

TRANSITION	WPT SEQ	WPT NAME	LEG TYPE	FB/FO	RNP	MAG CRS	REC NAV	ANGLE	TURN DIR	CENTER FIX	TURN RADIUS	ALTITUDE DESCRIPTION & VALUE	SPEED LIMIT DESCRIPTION & VALUE	WPT DESCRIPTION CODE
ALL	010	CSX	IF	FB										VE
BDF	010	CSX	IF	FB										V
BDF	020	SKYPE	TF	FB										E
BDF	030	SKUTR	TF	FB										E
BDF	040	BDF	TF	FB										VE
LEBOY	010	CSX	IF	FB										V
LEBOY	020	DEECE	TF	FB										E
LEBOY	030	LEBOY	TF	FB										EE
NEENS	010	CSX	IF	FB										V
NEENS	020	MYKEY	TF	FB										E
NEENS	030	NEENS	TF	FB										EE
SPI	010	CSX	IF	FB										V
SPI	020	TEWHY	TF	FB										E
SPI	030	SPI	TF	FB										VE

POINTS

POINT NAME	LATITUDE	LONGITUDE
BDF	N410935.03	W0893516.34
CSX	N384509.88	W0902139.46
SPI	N395023.04	W0894039.85
DEECE	N392207.64	W0903309.77
LEBOY	N392600.26	W0903422.97
MYKEY	N392303.25	W0902555.50
NEENS	N401453.50	W0903153.80
SKUTR	N400406.09	W0900339.12
SKYPE	N392138.33	W0901325.61
TEWHY	N391922.32	W0900020.03

RUNWAYS

RUNWAY	THRESHOLD LATITUDE	THRESHOLD LONGITUDE	THRESHOLD ELEVATION
RW06	N384448.04	W0902252.43	00551
RW11	N384535.83	W0902435.55	00618
RW12L	N384506.41	W0902158.66	00528

QUALITY
15
CHECKED

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
CARDS	NINE	CARDS9 . CSX	EIGHT	31 MAY 12	31 MAR 2016
RW12R	N384511 . 59	W0902239 . 98	00540		
RW24	N384522 . 38	W0902127 . 02	00534		
RW29	N384448 . 46	W0902259 . 39	00556		
RW30L	N384417 . 08	W0902049 . 42	00583		
RW30R	N384418 . 99	W0902022 . 51	00605		

QUALITY
15
CHECKED

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
CARDS	NINE	CARDS9 . CSX	EIGHT	31 MAY 12	31 MAR 2016

ARINC SUMMARY - KSUS

ROUTES

TRANSITION	WPT SEQ	WPT NAME	LEG TYPE	FB/FO	RNP	MAG CRS	REC NAV	ANGLE	TURN DIR	CENTER FIX	TURN RADIUS	ALTITUDE DESCRIPTION & VALUE	SPEED LIMIT DESCRIPTION & VALUE	WPT DESCRIPTION CODE
ALL	010	CSX	IF	FB										VE
BDF	010	CSX	IF	FB										V
BDF	020	SKYPE	TF	FB										E
BDF	030	SKUTR	TF	FB										E
BDF	040	BDF	TF	FB										VE
LEBOY	010	CSX	IF	FB										V
LEBOY	020	DEECE	TF	FB										E
LEBOY	030	LEBOY	TF	FB										EE
NEENS	010	CSX	IF	FB										V
NEENS	020	MYKEY	TF	FB										E
NEENS	030	NEENS	TF	FB										EE
SPI	010	CSX	IF	FB										V
SPI	020	TEWHY	TF	FB										E
SPI	030	SPI	TF	FB										VE

POINTS

POINT NAME	LATITUDE	LONGITUDE
BDF	N410935.03	W0893516.34
CSX	N384509.88	W0902139.46
SPI	N395023.04	W0894039.85
DEECE	N392207.64	W0903309.77
LEBOY	N392600.26	W0903422.97
MYKEY	N392303.25	W0902555.50
NEENS	N401453.50	W0903153.80
SKUTR	N400406.09	W0900339.12
SKYPE	N392138.33	W0901325.61
TEWHY	N391922.32	W0900020.03

RUNWAYS

RUNWAY	THRESHOLD LATITUDE	THRESHOLD LONGITUDE	THRESHOLD ELEVATION
RW08L	N383950.90	W0904005.82	00463
RW08R	N383927.71	W0903935.09	00461
RW26L	N383942.01	W0903808.69	00462

QUALITY
15
CHECKED

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
CARDS	NINE	CARDS9 . CSX	EIGHT	31 MAY 12	31 MAR 2016
RW26R	N384001 . 11	W0903904 . 14	00463		

QUALITY
15
CHECKED