

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

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DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
PALACE	EIGHT	PALCE8.DXO	SEVEN	27 JUN 13	08 JAN 2015

TYPE: SID

DP ROUTE DESCRIPTION:

DEPARTING DETROIT METROPOLITAN WAYNE COUNTY: TAKE-OFF ALL RUNWAYS: CLIMB ON ASSIGNED HEADING FOR RADAR VECTORS TO JOIN THE ASSIGNED AIRWAY OR RADIAL THEN PROCEED TO THE ASSIGNED DEPARTURE FIX, THENCE ON ASSIGNED ROUTE. WHEN THE ATC ASSIGNED ALTITUDE IS AT OR ABOVE 5,000, CROSS DXO 10 DME ARC AT OR ABOVE 5,000 FOR NOISE ABATEMENT. IF UNABLE TO COMPLY, ADVISE ATC PRIOR TO DEPARTURE. EXPECT CLEARANCE TO FILED ALTITUDE/FLIGHT LEVEL TEN (10) MINUTES AFTER DEPARTURE.

DEPARTING ANN ARBOR MUNI: TAKE-OFF RUNWAYS 6/24: CLIMB ON ASSIGNED HEADING FOR RADAR VECTORS TO JOIN THE ASSIGNED SID. MAINTAIN 3,000, EXPECT CLEARANCE TO FILED ALTITUDE/FLIGHT LEVEL TEN (10) MINUTES AFTER DEPARTURE.

DEPARTING OAKLAND COUNTY INTL: TAKE-OFF RUNWAYS 9L/R AND 27L/R: CLIMB ON ASSIGNED HEADING FOR RADAR VECTORS TO JOIN THE ASSIGNED SID. MAINTAIN 3,000, EXPECT CLEARANCE TO FILED ALTITUDE/FLIGHT LEVEL TEN (10) MINUTES AFTER DEPARTURE.

DEPARTING COLEMAN A. YOUNG MUNI: TAKE-OFF RUNWAY 33: CLIMB HEADING 328.33 TO 1800 BEFORE TURNING LEFT EXPECT RADAR VECTORS TO JOIN THE ASSIGNED SID. MAINTAIN 3,000, EXPECT CLEARANCE TO FILED ALTITUDE/FLIGHT LEVEL TEN (10) MINUTES AFTER DEPARTURE. **TAKE-OFF ALL OTHER RUNWAYS:** CLIMB ON ASSIGNED HEADING FOR RADAR VECTORS TO JOIN THE ASSIGNED SID. MAINTAIN 3,000, EXPECT CLEARANCE TO FILED ALTITUDE/FLIGHT LEVEL TEN (10) MINUTES AFTER DEPARTURE.

DEPARTING WILLOW RUN: TAKE-OFF ALL RUNWAYS: CLIMB ON ASSIGNED HEADING FOR RADAR VECTORS TO JOIN THE ASSIGNED SID. MAINTAIN 3,000, EXPECT CLEARANCE TO FILED ALTITUDE/FLIGHT LEVEL TEN (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

PROCEDURAL DATA NOTES/TAKEOFF MINIMUMS:

NOTE: DME REQUIRED.
NOTE: RADAR REQUIRED

DETROIT METROPOLITAN WAYNE COUNTY: RWY 3R, 3L, 4R, 4L, 9R, 9L, 21R, 21L, 22R, 22L, 27R, 27L, STANDARD.

SPECIAL INSTRUCTIONS: WHEN USING THIS DEPARTURE, FILE THE APPROPRIATE DEPICTED DEPARTURE FIX AND ROUTE. AIRCRAFT LANDING/OVERFLYING LANSING (LAN) OR OVERFLYING FLINT (FNT) AT 10,000 FEET OR BELOW, FILE VIA EARVN. AIRCRAFT LANDING FLINT (FNT) AT 10,000 FEET OR BELOW, FILE VIA LAYNE. AIRCRAFT LANDING/OVERFLYING TOLEDO (TOL) AT 10,000 FEET OR BELOW, FILE VIA RUZZL. AIRCRAFT OVER HARWL MUST FILE FL 220 AND BELOW. PROP AIRCRAFT DEPARTING RWY 21L/R AND 22 L/R WESTBOUND CROSS DXO 3.5 DME AT OR ABOVE 2500 MSL. IF UNABLE ADVISE ATC PRIOR TO DEPARTURE. AIRCRAFT LANDING CINCINNATI (CVG) MUST FILE VIA ANNTS. PROPS NOT AUTHORIZED OVER ANNTS. JETS USE DEPARTURE CONTROL FREQUENCY 125.525. PROPS USE DEPARTURE CONTROL FREQUENCY 118.95.



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ANN ARBOR MUNI: RWY 12, 30, NA-ENVIRONMENTAL. RWY 6, 24, STANDARD.

SPECIAL INSTRUCTIONS: WHEN USING THIS DEPARTURE, FILE THE APPROPRIATE DEPICTED DEPARTURE FIX AND ROUTE. AIRCRAFT LANDING/OVERFLYING LANSING (LAN) OR OVERFLYING FLINT (FNT) AT 10,000 FEET OR BELOW, FILE VIA EARVN. AIRCRAFT LANDING FLINT (FNT) AT 10,000 FEET OR BELOW, FILE VIA LAYNE. AIRCRAFT LANDING/OVERFLYING TOLEDO (TOL) AT 10,000 OR BELOW, FILE VIA RUZZL. AIRCRAFT OVER HARWL MUST FILE FL 220 AND BELOW. AIRCRAFT LANDING CINCINNATI (CVG) MUST FILE VIA ANNTS. PROPS NOT AUTHORIZED OVER ANNTS.

OAKLAND COUNTY INTL: RWY 18, 36, NA-ENVIRONMENTAL. RWY 9R, 9L, 27R, 27L, STANDARD.

SPECIAL INSTRUCTIONS: WHEN USING THIS DEPARTURE, FILE THE APPROPRIATE DEPICTED DEPARTURE FIX AND ROUTE. AIRCRAFT LANDING/OVERFLYING LANSING (LAN) AT 10,000 FEET OR BELOW, FILE VIA SPRTN. AIRCRAFT LANDING/OVERFLYING FLINT (FNT) AT 10,000 FEET OR BELOW, FILE VIA LAYNE. AIRCRAFT LANDING/OVERFLYING TOLEDO (TOL) AT 10,000 FEET OR BELOW, FILE VIA RUZZL. AIRCRAFT OVER HARWL MUST FILE FL 220 AND BELOW. AIRCRAFT LANDING CINCINNATI (CVG) MUST FILE VIA ANNTS. PROPS NOT AUTHORIZED OVER ANNTS.

COLEMAN A. YOUNG MUNI: RWY 7, 15, 33, STANDARD. RWY 25, STANDARD WITH A MINIMUM CLIMB OF 215 FT PER NM TO 1400, OR ALTERNATIVELY, WITH STANDARD TAKEOFF MINIMUMS AND A NORMAL 200 FT PER NM CLIMB GRADIENT, TAKEOFF MUST OCCUR NO LATER THAN 1300 FT PRIOR TO DEPARTURE END OF RUNWAY.

SPECIAL INSTRUCTIONS: WHEN USING THIS DEPARTURE, FILE THE APPROPRIATE DEPICTED DEPARTURE FIX AND ROUTE. AIRCRAFT LANDING/OVERFLYING LANSING (LAN) OR OVERFLYING FLINT (FNT) AT 10,000 OR BELOW, FILE VIA EARVN. AIRCRAFT LANDING FLINT (FNT) AT 10,000 OR BELOW, FILE VIA LAYNE. AIRCRAFT OVER HARWL MUST FILE FL 220 AND BELOW. AIRCRAFT LANDING CINCINNATI (CVG) MUST FILE VIA ANNTS. PROPS NOT AUTHORIZED OVER ANNTS.

WILLOW RUN: RWY 14, NA. RWY 5R, 5L, 9, 23R, 23L, 32, STANDARD. RWY 27, 300-1 1/2 OR STANDARD WITH A MINIMUM CLIMB OF 206 FT PER NM TO 1000, OR ALTERNATIVELY, WITH STANDARD TAKEOFF MINIMUMS AND A NORMAL 200 FT PER NM CLIMB GRADIENT, TAKEOFF MUST OCCUR NO LATER THAN 1300 FT PRIOR TO DEPARTURE END OF RUNWAY.

SPECIAL INSTRUCTIONS: WHEN USING THIS DEPARTURE, FILE THE APPROPRIATE DEPICTED DEPARTURE FIX AND ROUTE. AIRCRAFT LANDING/OVERFLYING LANSING (LAN) OR OVERFLYING FLINT (FNT) AT 10,000 OR BELOW, FILE VIA EARVN. AIRCRAFT LANDING FLINT (FNT) AT 10,000 OR BELOW, FILE VIA LAYNE. AIRCRAFT LANDING/OVERFLYING TOLEDO (TOL) AT 10,000 OR BELOW, FILE VIA RUZZL. AIRCRAFT OVER HARWL MUST FILE FL 220 AND BELOW. AIRCRAFT LANDING CINCINNATI (CVG) MUST FILE VIA ANNTS. PROPS NOT AUTHORIZED OVER ANNTS.

TAKEOFF OBSTACLES NOTES:

DETROIT METROPOLITAN WAYNE COUNTY: **NOTE: RWY 3R,** HEADWALL 399 FT FROM DER, 566 FT RIGHT OF CENTERLINE, 17 FT AGL/647 FT MSL. **NOTE: RWY 3L,** TREE 3794 FT FROM DER, 1441 FT LEFT OF CENTERLINE, 100 FT AGL/734 FT MSL. **NOTE: RWY 4R,** TREES BEGINNING 2850 FT FROM DER, 1058 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/744 FT MSL. ANTENNA ON BUILDING 3348 FT FROM DER, 1301 FT LEFT OF CENTERLINE, 100 FT AGL/736 FT MSL. **NOTE: RWY 4L,** TRANSMISSION TOWERS BEGINNING 1516 FT FROM DER, 827 FT LEFT OF CENTERLINE, UP TO 60 FT AGL/690 FT MSL. RODS ON TOWERS BEGINNING 2751 FT FROM DER, 762 FT RIGHT OF CENTERLINE, UP TO 41 FT AGL/714 FT MSL. **NOTE: RWY 9R,** TREES BEGINNING 1172 FT FROM DER, 686 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/729 FT MSL. **NOTE: RWY 9L,** TREES BEGINNING 968 FT FROM DER, 461 FT LEFT OF CENTERLINE, UP TO 15 FT AGL/682 FT MSL. TREES BEGINNING 987 FT FROM DER, 607 FT RIGHT OF CENTERLINE, UP TO 45 FT AGL/715 FT MSL. **NOTE: RWY 21R,** TREE 1963 FT FROM DER, 554 FT LEFT OF CENTERLINE, 100 FT AGL/739 FT MSL. TREES BEGINNING 2468 FT FROM DER, 721 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/739 FT MSL. **NOTE: RWY 21L,** TREES BEGINNING 1079 FT FROM DER, 586 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/ 739 FT MSL. TREE 3910 FT FROM DER, 1188 FT RIGHT OF CENTERLINE, 101 FT AGL/733 FT MSL. **NOTE: RWY 22R,** TREES BEGINNING 1014 FT FROM DER, 729 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/749 FT MSL. TREES BEGINNING 1039 FT FROM DER, 680 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/749 FT MSL. **NOTE: RWY 22L,** BUSH 514 FT FROM DER, 619 FT RIGHT OF CENTERLINE, 17 FT AGL/652 FT MSL. TREES BEGINNING 794 FT FROM DER, 611 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/739 FT MSL. TREES BEGINNING 1726 FT FROM DER, 921 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/744 FT MSL. **NOTE: RWY 27R,** TREES BEGINNING 2998 FT FROM DER, 949 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/754 FT MSL. ROD ON OL ASR 4461 FT FROM DER, 464 FT LEFT OF CENTERLINE, 106 FT AGL/756 FT MSL. TREES BEGINNING 3289 FT FROM DER, 1239 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/744 FT MSL. **NOTE: RWY 27L,** TREES BEGINNING 2623 FT FROM DER, 693 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/744 FT MSL. TREE 3589 FT FROM DER, 777 FT RIGHT OF CENTERLINE, 100 FT AGL/739 FT MSL.

QUALITY
17
CHECKED

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ANN ARBOR MUNI: NOTE: RWY 6, BUILDING AND MULTIPLE POLES BEGINNING 312 FT FROM DER, 385 FT RIGHT OF CENTERLINE, UP TO 24 FT AGL/853 FT MSL. MULTIPLE TREES BEGINNING 538 FT FROM DER, 47 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/929 FT MSL. BUILDING 99 FT FROM DER, 351 FT LEFT OF CENTERLINE, 22 FT AGL/849 FT MSL. MULTIPLE TREES BEGINNING 634 FT FROM DER, 182 FT LEFT OF CENTERLINE, UP TO 58 FT AGL/887 FT MSL. **NOTE: RWY 24,** TERRAIN 138 FT FROM DER, 475 FT RIGHT OF CENTERLINE, 837 FT MSL. MULTIPLE TREES BEGINNING 462 FT FROM DER, 486 FT RIGHT OF CENTERLINE, UP TO 50 FT AGL/885 FT MSL. MULTIPLE TREES BEGINNING 479 FT FROM DER, 473 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/926 FT MSL.

OAKLAND COUNTY INTL: NOTE: RWY 9R, ANTENNA ON HANGER 870 FT FROM DER, 732 FT RIGHT OF CENTERLINE, 36 FT AGL/1006 FT MSL. TREES BEGINNING 1136 FT FROM DER, 480 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/1079 FT MSL. TREES BEGINNING 1383 FT FROM DER, 646 FT LEFT OF CENTERLINE, UP TO 41 FT AGL/1011 FT MSL. **NOTE: RWY 9L,** HANGARS BEGINNING 203 FT FROM DER, 510 FT LEFT OF CENTERLINE, UP TO 30 FT AGL/1000 FT MSL. TREES BEGINNING 3347 FT FROM DER, 1252 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/1089 FT MSL. **NOTE: RWY 27R,** VEHICLE ON ROAD 416 FT FROM DER, 24 FT RIGHT OF CENTERLINE, 15 FT AGL/992 FT MSL. TREES BEGINNING 451 FT FROM DER, 2 FT RIGHT OF CENTERLINE, UP TO 62 FT AGL/1041 FT MSL. TREES BEGINNING 1234 FT FROM DER, 19 FT LEFT OF CENTERLINE, UP TO 36 FT AGL/1015 FT MSL. **NOTE: RWY 27L,** VEHICLE ON ROAD 401 FT FROM DER, 539 FT LEFT OF CENTERLINE, 15 FT AGL/991 FT MSL. VEHICLE ON ROAD 417 FT FROM DER, 574 FT RIGHT OF CENTERLINE, 15 FT AGL/992 FT MSL. TREES BEGINNING 452 FT FROM DER, 552 FT RIGHT OF CENTERLINE, UP TO 23 FT AGL/1002 FT MSL. TREES BEGINNING 565 FT FROM DER, 521 FT LEFT OF CENTERLINE, UP TO 76 FT AGL/1046 FT MSL.

COLEMAN A. YOUNG MUNI: NOTE: RWY 7, MULTIPLE POLES, LIGHTS AND TREES, STACK AND ANTENNA BEGINNING 132 FT FROM DER, FROM 405 FT LEFT TO 314 FT RIGHT OF CENTERLINE, UP TO 60 FT AGL/687 FT MSL. **NOTE: RWY 15,** TREES, ANTENNA ON BLDG, AND OB LIGHT ON BLDG BEGINNING 299 FT FROM DER, 289 FT RIGHT OF CENTERLINE, UP TO 68 FT AGL/692 FT MSL. TREES AND ROD, ANTENNA, PIPE AND FLOODLIGHT ON BUILDINGS, BEGINNING 450 FT FROM DER, 221 FT LEFT OF CENTERLINE, UP TO 78 FT AGL/692 FT MSL. TOWER 3375 FT FROM DER, 1117 FT RIGHT OF CENTERLINE, 103 FT AGL/723 FT MSL. BUILDING 3748 FT FROM DER, 569 FT LEFT OF CENTERLINE, 114 FT AGL/723 FT MSL. **NOTE: RWY 25,** RAILROAD, OBSTRUCTION LIGHTS ON BUILDINGS AND STACKS, TREES AND STACK BEGINNING 1 FT FROM DER, 12 FT LEFT OF CENTERLINE, UP TO 76 FT AGL/703 FT MSL. TREES AND LIGHT BEGINNING 334 FT FROM DER, 132 FT RIGHT OF CENTERLINE, UP TO 58 FT AGL/685 FT MSL. TOWER 2827 FT FROM DER, 1225 FT LEFT OF CENTERLINE, 141 FT AGL/770 FT MSL. STACK 1.5 NM FROM DER, 2,414 FT LEFT OF CENTERLINE, 241 FT AGL/872 FT MSL. **NOTE: RWY 33,** TREES BEGINNING 113 FT FROM DER, 118 FT LEFT OF CENTERLINE, UP TO 73 FT AGL/694 FT MSL. TREES BEGINNING 572 FT FROM DER, 84 FT RIGHT OF CENTERLINE, UP TO 92 FT AGL/709 FT MSL. FLAG POLE 963 FT FROM DER, 379 FT LEFT OF CENTERLINE, 28 FT AGL/658 FT MSL.

WILLOW RUN: NOTE: RWY 5R, TREES BEGINNING 1877 FT FROM DER, 803 FT RIGHT OF CENTERLINE, UP TO 78 FT AGL/763 FT MSL. TREES BEGINNING 2028 FT FROM DER, 134 FT LEFT OF CENTERLINE, UP TO 80 FT AGL/777 FT MSL. **NOTE: RWY 5L,** TREES BEGINNING 2091 FT FROM DER, 224 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/809 FT MSL. **NOTE: RWY 23R,** SIGN 73 FT FROM DER, 255 FT LEFT OF CENTERLINE, 10 FT AGL/718 FT MSL. VEHICLE ON ROAD, 587 FT FROM DER, 294 FT RIGHT OF CENTERLINE, 15 FT AGL/732 FT MSL. TREES BEGINNING 1020 FT FROM DER, 281 FT RIGHT OF CENTERLINE, UP TO 60 FT AGL/793 FT MSL. TREE 1333 FT FROM DER, 316 FT LEFT OF CENTERLINE, 55 FT AGL/757 FT MSL. **NOTE: RWY 23L,** SIGN 44 FT FROM DER, 499 FT RIGHT OF CENTERLINE, 8 FT AGL/718 FT MSL. TREE 1304 FT FROM DER, 438 FT RIGHT OF CENTERLINE, 42 FT AGL/757 FT MSL. TREE 2457 FT FROM DER, 720 FT LEFT OF CENTERLINE, 66 FT AGL/781 FT MSL. **NOTE: RWY 27,** TREE AND POLES BEGINNING 102 FT FROM DER, 353 FT RIGHT OF CENTERLINE, UP TO 56 FT AGL/771 FT MSL. RAILROAD AND LIGHTS BEGINNING 564 FT FROM DER, 4 FT LEFT OF CENTERLINE, UP TO 55 FT AGL/770 FT MSL. LIGHT ON BUILDING 724 FT FROM DER, 333 FT LEFT OF CENTERLINE, 35 FT AGL 746 FT MSL. TOWER 7161 FT FROM DER, 502 FT LEFT OF CENTERLINE, 162 FT AGL/900 FT MSL. **NOTE: RWY 32,** POLES AND TREES BEGINNING 1302 FT FROM DER, 79 FT LEFT OF CENTERLINE, UP TO 84 FT AGL/798 FT MSL. TREE 1758 FT FROM DER, 125 FT RIGHT OF CENTERLINE, 70 FT AGL/780 FT MSL.

CONTROLLING OBSTACLES:

COLEMAN A. YOUNG MUNI: RWY 25, 1143 FT MSL BUILDING 422209.00N/0830437.00W. RWY 33, 1749 FT MSL TOWER 422653.00N/0831023.00W.
WILLOW RUN: RWY 27, 900 FT MSL TOWER 421431.51N/0833410.97W.

LOST COMMUNICATIONS PROCEDURES:



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ADDITIONAL FLIGHT DATA:

CHART V96: DXO R-217 TO ANNTS (37 DME). CHART: DXO R-281 TO HARWL (37 DME). CHART DXO R-006 TO LAYNE (42 DME) TO HANKY (45 DME) TO BNNET (52 DME). CHART V116: JXN R-270 TO ECKDO (13 DME). AZO R-090 TO LEROY (9 DME) TO ECKDO (36 DME). CHART: J70-V170: SVM R-276 TO DUNKS (27 DME) TO LESSY (43 DME); PMM R-091 TO LESSY (69 DME). CHART V45: LAN R-164 TO LESSY (18 DME). CHART V450: FNT R-097 TO HANKY (17 DME). CHART V221: R-234 TO LFD (18 DME). CHART V116-221: JXN R-094 TO HARWL (12 NM).

DETROIT METROPOLITAN WAYNE COUNTY: CHART: 10 DME ARC AROUND DXO VOR/DME.

DETROIT METROPOLITAN WAYNE COUNTY, ANN ARBOR MUNI, COLEMAN A. YOUNG MUNI, WILLOW RUN: CHART DXO R-303 TO EARVN (41 DME).

DETROIT METROPOLITAN WAYNE COUNTY, ANN ARBOR MUNI, WILLOW RUN, OAKLAND COUNTY INTL: CHART DXO R-239 TO RUZZL (33 DME).

OAKLAND COUNTY INTL: CHART: PSI R-274 TO SPRTN (21 DME).

DETROIT METROPOLITAN WAYNE COUNTY - CHART: TOP ALTITUDE: ASSIGNED BY ATC.

COLEMAN A. YOUNG MUNI - CHART: TOP ALTITUDE: 3000.

WILLOW RUN - CHART: TOP ALTITUDE: 3000.

OAKLAND COUNTY INTL - CHART: TOP ALTITUDE: 3000.

ANN ARBOR MUNI - CHART: TOP ALTITUDE: 3000.

AIRPORTS SERVED:

DETROIT METROPOLITAN WAYNE COUNTY
 COLEMAN A. YOUNG MUNI
 WILLOW RUN
 OAKLAND COUNTY INTL
 ANN ARBOR MUNI

DETROIT, MI
 DETROIT, MI
 DETROIT, MI
 PONTIAC, MI
 ANN ARBOR, MI

COMMUNICATIONS:

ATIS: DTW, ARB, PTK, DET, YIP, **CLNC DELIVERY:** DTW, ARB, PTK, **GROUND CONTROL:** DTW (EAST, WEST), ARB, PTK, DET, YIP, **TOWER:** DTW (EAST, WEST), ARB, PTK, DET, YIP, **DETROIT DEPARTURE CONTROL:** ARB, DET, **CTAF:** ARB, PTK.

FIXES AND/OR NAVAIDS:

AZO VOR/DME, DXO VOR/DME, FNT VORTAC, JXN VOR/DME, LAN VORTAC, LFD VOR/DME, PMM VOR/DME, SVM VORTAC, ANNTS, BNNET, DUNKS, ECKDO, HANKY, HARWL, LAYNE, LEROY, LESSY.

COLEMAN A. YOUNG MUNI: EARVN.

DETROIT METROPOLITAN WAYNE COUNTY, WILLOW RUN, ANN ARBOR MUNI: EARVN, RUZZL.

OAKLAND COUNTY INTL: PSI VORTAC, SPRTN, RUZZL.



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REMARKS:

CHANGES:

1. REMOVED ALL ADDITIONAL FLIGHT DATA AND FIXES AND/OR NAVAIDS FOR FIXES, NAVAIDS, RADIALS AND AIRWAYS AFTER BNNET.
2. CHANGED PROCEDURAL DATA NOTES/TAKEOFF MINIMUMS, ANN ARBOR MUNI, AIRCRAFT LANDING CINCINNATI (CVG) MUST FILE VIA ANTS TO AIRCRAFT LANDING CINCINNATI (CVG) MUST FILE VIA ANNTS.
3. DELETED FREQUENCIES FROM COMMUNICATIONS.
4. DELETED DETROIT METROPOLITAN WAYNE COUNTY, ANN ARBOR MUNI, COLEMAN A YOUNG MUNI, WILLOW RUN MUNI, AND OAKLAND COUNTY INTL CHART SYMBOL.
5. DELETED ADDITIONAL FLIGHT DATA NOTE: CHART NOT TO SCALE.
6. CHANGED TAKEOFF OBSTACLE NOTES, WILLOW RUN, RWY 23L... TO NOTE: RWY 23L...
7. ADDED "UP TO" TO THE AGL/MSL HEIGHT OF THE TAKEOFF OBSTACLE NOTES, ANN ARBOR MUNI, NOTE: RWY 24, MULTIPLE TREES BEGINNING 452 FT FROM DER.
8. ADDED "UP TO" TO THE AGL/MSL HEIGHT OF THE TAKEOFF OBSTACLE NOTES, OAKLAND COUNTY INTL, NOTE: RWY 9L, HANGARS BEGINNING 203 FT FROM DER AND THE NOTE: RWY 27L, TREES BEGINNINS 452 FT FROM DER.
9. ADDED "FT" TO THE DISTANCE RIGHT OF CENTERLINE OF THE TAKEOFF OBSTACLE NOTES, OAKLAND COUNTY INTL, NOTE: RWY 27L, VEHICLE ON ROAD 417 FT FROM DER.
10. CHANGED DP ROUTE DESCRIPTION INSTANCES OF "VIA" TO "ON".

REASONS:

1. REQUESTED BY ATC DUE TO DECOMMISSIONING OF PECK (ECK) VORTAC.
2. CORRECTED SPELLING ERROR.
3. FREQUENCIES ARE STANDARD AND NOT REQUIRED ON THIS FORM.
4. AIRPORTS ALREADY LISTED UNDER AIRPORTS SERVED
5. SCALE NOTE NOT REQUIRED ON THIS FORM.
6. CORRECTED FORMAT.
- 7 - 8. CORRECTED FORMAT DUE TO THE NOTE REFERENCING MULTIPLE OBSTACLES.
- 9 - 10. CORRECT FORMAT IAW 8260.46D.

11/4/14: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 10/15/14.

1. ADDED TOP ALTITUDES FOR ALL AIRPORTS SERVED



DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
PALACE	EIGHT	PALCE8.DXO	SEVEN	27 JUN 13	08 JAN 2015

ARINC PACKET - 424-18 - SID

	1	2	3	4	5	6	7	8	9	0	1	2	3
NAVAID	12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012												
	SUSAD	AZO	K5010900VDL	N42141314W085331135		N42141314W085331135W0010008701				NARKALAMAZOO			
	SUSAD	DXO	K5011340VDHW	N42124729W083215999		N42124729W083215999W0060006382				NARDETROIT			
	SUSAD	FNT	K5011690VTHW	N42580038W083444908		N42580038W083444908W0060007722				NARFLINT			
	SUSAD	JXN	K5010960VDLW	N42153327W084273077		N42153327W084273077W0050009951				NARJACKSON			
	SUSAD	LAN	K5011080VTLW	N42430262W084415103		N42430262W084415103W0050008871				NARLANSING			
	SUSAD	LFD	K5011120VDL	N42034496W084455448		N42034496W084455448W0050010401				NARLITCHFIELD			
	SUSAD	PMM	K5011210VDH	N42275773W086061732		N42275773W086061732E0000006402				NARPULLMAN			
	SUSAD	SVM	K5011430VTL	N42243109W083353805		N42243109W083353805W0030009561				NARSALEM			

	1	2	3	4	5	6	7	8	9	0	1	2	3
WP	12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012												
	SUSAEANRT	ANNTS	K50	R	L	N41410083W083472616		W0068	NAR		ANNTS		
	SUSAEANRT	BNNET	K50	R	L	N43043580W083220020		W0075	NAR		BNNET		
	SUSAEANRT	DUNKS	K50	R	B	N42253868W084113928		W0067	NAR		DUNKS		
	SUSAEANRT	EARVN	K50	R		N42311407W084112433		W0067	NAR		EARVN		
	SUSAEANRT	ECKDO	K50	C	L	N42142443W084444916		W0062	NAR		ECKDO		
	SUSAEANRT	HANKY	K50	C	L	N42574351W083215993		W0074	NAR		HANKY		
	SUSAEANRT	HARWL	K50	R	L	N42155023W084113870		W0066	NAR		HARWL		
	SUSAEANRT	LAYNE	K50	R	L	N42544822W083220023		W0074	NAR		LAYNE		
	SUSAEANRT	LEROY	K50	R	L	N42141808W085203025		W0057	NAR		LEROY		
	SUSAEANRT	LESSY	K50	C	L	N42261326W084330297		W0064	NAR		LESSY		
	SUSAEANRT	RUZZL	K50	R	L	N41522980W083571859		W0067	NAR		RUZZL		

	1	2	3	4	5	6	7	8	9	0	1	2	3
AIRPORT	12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012												
	SUSAP	KARBK5AARB	0	035YHN42132274W083444419W005000839			1800018000C	MNAR		ANN ARBOR MUNI			

	1	2	3	4	5	6	7	8	9	0	1	2	3
SEGMENT	12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012												
	SUSAP	KARBK5DPALCE8TRW06	010	0	E	VM		0595		18000			
	SUSAP	KARBK5DPALCE8TRW24	010	0	E	VM		2395		18000			
	SUSAP	KARBK5DPALCE8VANNTS	010KARB	K5PA0A		IF				18000			
	SUSAP	KARBK5DPALCE8VANNTS	020ANNTSK5EA0EE			DF							
	SUSAP	KARBK5DPALCE8VAZO	010KARB	K5PA0A		IF				18000			
	SUSAP	KARBK5DPALCE8VAZO	020AZO	K5D	0VE	DF							
	SUSAP	KARBK5DPALCE8VBNNET	010KARB	K5PA0A		IF				18000			
	SUSAP	KARBK5DPALCE8VBNNET	020BNNETK5EA0EE			DF							
	SUSAP	KARBK5DPALCE8VDUNKS	010KARB	K5PA0A		IF				18000			

QUALITY
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CHECKED

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
PALACE	EIGHT	PALCE8.DXO	SEVEN	27 JUN 13	08 JAN 2015

SUSAP	KARBK5DPALCE8VDUNKS	020DUNKSK5EA0EE	DF	
SUSAP	KARBK5DPALCE8VDXO	010KARB K5PA0A	IF	18000
SUSAP	KARBK5DPALCE8VDXO	020DXO K5D 0VE	DF	
SUSAP	KARBK5DPALCE8VEARVN	010KARB K5PA0A	IF	18000
SUSAP	KARBK5DPALCE8VEARVN	020EARVKNK5EA0EE	DF	
SUSAP	KARBK5DPALCE8VECKDO	010KARB K5PA0A	IF	18000
SUSAP	KARBK5DPALCE8VECKDO	020ECKDOK5EA0EE	DF	
SUSAP	KARBK5DPALCE8VFNT	010KARB K5PA0A	IF	18000
SUSAP	KARBK5DPALCE8VFNT	020FNT K5D 0VE	DF	
SUSAP	KARBK5DPALCE8VHANKY	010KARB K5PA0A	IF	18000
SUSAP	KARBK5DPALCE8VHANKY	020HANKYK5EA0EE	DF	
SUSAP	KARBK5DPALCE8VHARWL	010KARB K5PA0A	IF	18000
SUSAP	KARBK5DPALCE8VHARWL	020HARWLK5EA0EE	DF	
SUSAP	KARBK5DPALCE8VJXN	010KARB K5PA0A	IF	18000
SUSAP	KARBK5DPALCE8VJXN	020JXN K5D 0VE	DF	
SUSAP	KARBK5DPALCE8VLAN	010KARB K5PA0A	IF	18000
SUSAP	KARBK5DPALCE8VLAN	020LAN K5D 0VE	DF	
SUSAP	KARBK5DPALCE8VLAYNE	010KARB K5PA0A	IF	18000
SUSAP	KARBK5DPALCE8VLAYNE	020LAYNEK5EA0EE	DF	
SUSAP	KARBK5DPALCE8VLEROY	010KARB K5PA0A	IF	18000
SUSAP	KARBK5DPALCE8VLEROY	020LEROYK5EA0EE	DF	
SUSAP	KARBK5DPALCE8VLESSY	010KARB K5PA0A	IF	18000
SUSAP	KARBK5DPALCE8VLESSY	020LESSYK5EA0EE	DF	
SUSAP	KARBK5DPALCE8VLFD	010KARB K5PA0A	IF	18000
SUSAP	KARBK5DPALCE8VLFD	020LFD K5D 0VE	DF	
SUSAP	KARBK5DPALCE8VPMM	010KARB K5PA0A	IF	18000
SUSAP	KARBK5DPALCE8VPMM	020PMM K5D 0VE	DF	
SUSAP	KARBK5DPALCE8VRUZZL	010KARB K5PA0A	IF	18000
SUSAP	KARBK5DPALCE8VRUZZL	020RUZZLK5EA0EE	DF	
SUSAP	KARBK5DPALCE8VSVM	010KARB K5PA0A	IF	18000
SUSAP	KARBK5DPALCE8VSVM	020SVM K5D 0VE	DF	

[illegible]

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
PALACE	EIGHT	PALCE8.DXO	SEVEN	27 JUN 13	08 JAN 2015

ARINC SUMMARY - 424-18 - SID

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
	RW06		010		VM		FB		059.5 ()			
	RW24		010		VM		FB		239.5 ()			
	ANNTS	KARB	010		IF		FB					
	ANNTS	ANNTS	020		DF		FB					
	AZO	KARB	010		IF		FB					
	AZO	AZO	020		DF		FB					
	BNNET	KARB	010		IF		FB					
	BNNET	BNNET	020		DF		FB					
	DUNKS	KARB	010		IF		FB					
	DUNKS	DUNKS	020		DF		FB					
	DXO	KARB	010		IF		FB					
	DXO	DXO	020		DF		FB					
	EARVN	KARB	010		IF		FB					
	EARVN	EARVN	020		DF		FB					
	ECKDO	KARB	010		IF		FB					
	ECKDO	ECKDO	020		DF		FB					
	FNT	KARB	010		IF		FB					
	FNT	FNT	020		DF		FB					
	HANKY	KARB	010		IF		FB					
	HANKY	HANKY	020		DF		FB					
	HARWL	KARB	010		IF		FB					
	HARWL	HARWL	020		DF		FB					
	JXN	KARB	010		IF		FB					
	JXN	JXN	020		DF		FB					
	LAN	KARB	010		IF		FB					
	LAN	LAN	020		DF		FB					
	LAYNE	KARB	010		IF		FB					
	LAYNE	LAYNE	020		DF		FB					
	LEROY	KARB	010		IF		FB					
	LEROY	LEROY	020		DF		FB					
	LESSY	KARB	010		IF		FB					
	LESSY	LESSY	020		DF		FB					
	LFD	KARB	010		IF		FB					
	LFD	LFD	020		DF		FB					
	PMM	KARB	010		IF		FB					
	PMM	PMM	020		DF		FB					
	RUZZL	KARB	010		IF		FB					
	RUZZL	RUZZL	020		DF		FB					
	SVM	KARB	010		IF		FB					
	SVM	SVM	020		DF		FB					

POINT DATA

WAYPOINT

LAT IN SECS

LONG IN SECS

LAT IN MINS

LONG IN MINS



DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
PALACE	EIGHT	PALCE8.DXO	SEVEN	27 JUN 13	08 JAN 2015

AZO	N421413.14	W0853311.35	N4214.219	W08533.189
DXO	N421247.29	W0832159.99	N4212.788	W08322.000
FNT	N425800.38	W0834449.08	N4258.006	W08344.818
JXN	N421533.27	W0842730.77	N4215.555	W08427.513
LAN	N424302.62	W0844151.03	N4243.044	W08441.851
LFD	N420344.96	W0844554.48	N4203.749	W08445.908
PMM	N422757.73	W0860617.32	N4227.962	W08606.289
SVM	N422431.09	W0833538.05	N4224.518	W08335.634
ANNTS	N414100.83	W0834726.16	N4141.014	W08347.436
BNNET	N430435.80	W0832200.20	N4304.597	W08322.003
DUNKS	N422538.68	W0841139.28	N4225.645	W08411.655
EARVN	N423114.07	W0841124.33	N4231.235	W08411.406
ECKDO	N421424.43	W0844449.16	N4214.407	W08444.819
HANKY	N425743.51	W0832159.93	N4257.725	W08321.999
HARWL	N421550.23	W0841138.70	N4215.837	W08411.645
LAYNE	N425448.22	W0832200.23	N4254.804	W08322.004
LEROY	N421418.08	W0852030.25	N4214.301	W08520.504
LESSY	N422613.26	W0843302.97	N4226.221	W08433.050
RUZZL	N415229.80	W0835718.59	N4152.497	W08357.310
RW06	N421312.88	W0834500.38	N4213.215	W08345.006
RW24	N421332.97	W0834422.45	N4213.550	W08344.374

RUNWAY DATA

	THRESHOLD	
RWY	ELEVATION	TCH
RW06	00831	40
RW24	00826	40

QUALITY
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CHECKED

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
PALACE	EIGHT	PALCE8.DXO	SEVEN	27 JUN 13	08 JAN 2015

ARINC PACKET - 424-18 - SID

	1	2	3	4	5	6	7	8	9	0	1	2	3
NAVAID	12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012												
SUSAD	AZO	K5010900VDL	N42141314W085331135			N42141314W085331135W0010008701				NARKALAMAZOO			
SUSAD	DXO	K5011340VDHW	N42124729W083215999			N42124729W083215999W0060006382				NARDETROIT			
SUSAD	FNT	K5011690VTHW	N42580038W083444908			N42580038W083444908W0060007722				NARFLINT			
SUSAD	JXN	K5010960VDLW	N42153327W084273077			N42153327W084273077W0050009951				NARJACKSON			
SUSAD	LAN	K5011080VTLW	N42430262W084415103			N42430262W084415103W0050008871				NARLANSING			
SUSAD	LFD	K5011120VDL	N42034496W084455448			N42034496W084455448W0050010401				NARLITCHFIELD			
SUSAD	PMM	K5011210VDH	N42275773W086061732			N42275773W086061732E0000006402				NARPULLMAN			
SUSAD	SVM	K5011430VTL	N42243109W083353805			N42243109W083353805W0030009561				NARSALEM			

	1	2	3	4	5	6	7	8	9	0	1	2	3
WP	12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012												
SUSAEANRT	ANNTS	K50	R	L	N41410083W083472616			W0068	NAR		ANNTS		
SUSAEANRT	BNNET	K50	R	L	N43043580W083220020			W0075	NAR		BNNET		
SUSAEANRT	DUNKS	K50	R	B	N42253868W084113928			W0067	NAR		DUNKS		
SUSAEANRT	EARVN	K50	R		N42311407W084112433			W0067	NAR		EARVN		
SUSAEANRT	ECKDO	K50	C	L	N42142443W084444916			W0062	NAR		ECKDO		
SUSAEANRT	HANKY	K50	C	L	N42574351W083215993			W0074	NAR		HANKY		
SUSAEANRT	HARWL	K50	R	L	N42155023W084113870			W0066	NAR		HARWL		
SUSAEANRT	LAYNE	K50	R	L	N42544822W083220023			W0074	NAR		LAYNE		
SUSAEANRT	LEROY	K50	R	L	N42141808W085203025			W0057	NAR		LEROY		
SUSAEANRT	LESSY	K50	C	L	N42261326W084330297			W0064	NAR		LESSY		

	1	2	3	4	5	6	7	8	9	0	1	2	3
AIRPORT	12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012												
SUSAP	KDETK5ADET	0	050YHN42243358W083003666W005000626			1800018000C		MNAR		COLEMAN A. YOUNG MUNI			

	1	2	3	4	5	6	7	8	9	0	1	2	3
SEGMENT	12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012												
SUSAP	KDETK5DPALCE8TRW07	010	0	E	VM		0683			18000			
SUSAP	KDETK5DPALCE8TRW15	010	0	E	VM		1483			18000			
SUSAP	KDETK5DPALCE8TRW25	010	0	E	VM		2483			18000			
SUSAP	KDETK5DPALCE8TRW33	010	0		VA		3283		+ 01800	18000			
SUSAP	KDETK5DPALCE8TRW33	020	0	E	VM		3283						
SUSAP	KDETK5DPALCE8VANNTS	010KDET	K5PA0A		IF					18000			
SUSAP	KDETK5DPALCE8VANNTS	020ANNTSK5EA0EE			DF								
SUSAP	KDETK5DPALCE8VAZO	010KDET	K5PA0A		IF					18000			
SUSAP	KDETK5DPALCE8VAZO	020AZO	K5D 0VE		DF								
SUSAP	KDETK5DPALCE8VBNNET	010KDET	K5PA0A		IF					18000			

QUALITY
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DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
PALACE	EIGHT	PALCE8.DXO	SEVEN	27 JUN 13	08 JAN 2015

SUSAP	KDETK5DPALCE8VBNNET	020BNNETK5EA0EE	DF	
SUSAP	KDETK5DPALCE8VDUNKS	010KDET K5PA0A	IF	18000
SUSAP	KDETK5DPALCE8VDUNKS	020DUNKSK5EA0EE	DF	
SUSAP	KDETK5DPALCE8VDXO	010KDET K5PA0A	IF	18000
SUSAP	KDETK5DPALCE8VDXO	020DXO K5D 0VE	DF	
SUSAP	KDETK5DPALCE8VEARVN	010KDET K5PA0A	IF	18000
SUSAP	KDETK5DPALCE8VEARVN	020EARVNK5EA0EE	DF	
SUSAP	KDETK5DPALCE8VECKDO	010KDET K5PA0A	IF	18000
SUSAP	KDETK5DPALCE8VECKDO	020ECKDOK5EA0EE	DF	
SUSAP	KDETK5DPALCE8VFNT	010KDET K5PA0A	IF	18000
SUSAP	KDETK5DPALCE8VFNT	020FNT K5D 0VE	DF	
SUSAP	KDETK5DPALCE8VHANKY	010KDET K5PA0A	IF	18000
SUSAP	KDETK5DPALCE8VHANKY	020HANKYK5EA0EE	DF	
SUSAP	KDETK5DPALCE8VHARWL	010KDET K5PA0A	IF	18000
SUSAP	KDETK5DPALCE8VHARWL	020HARWLK5EA0EE	DF	
SUSAP	KDETK5DPALCE8VJXN	010KDET K5PA0A	IF	18000
SUSAP	KDETK5DPALCE8VJXN	020JXN K5D 0VE	DF	
SUSAP	KDETK5DPALCE8VLAN	010KDET K5PA0A	IF	18000
SUSAP	KDETK5DPALCE8VLAN	020LAN K5D 0VE	DF	
SUSAP	KDETK5DPALCE8VLAYNE	010KDET K5PA0A	IF	18000
SUSAP	KDETK5DPALCE8VLAYNE	020LAYNEK5EA0EE	DF	
SUSAP	KDETK5DPALCE8VLEROY	010KDET K5PA0A	IF	18000
SUSAP	KDETK5DPALCE8VLEROY	020LEROYK5EA0EE	DF	
SUSAP	KDETK5DPALCE8VLESSY	010KDET K5PA0A	IF	18000
SUSAP	KDETK5DPALCE8VLESSY	020LESSYK5EA0EE	DF	
SUSAP	KDETK5DPALCE8VLFD	010KDET K5PA0A	IF	18000
SUSAP	KDETK5DPALCE8VLFD	020LFD K5D 0VE	DF	
SUSAP	KDETK5DPALCE8VPM	010KDET K5PA0A	IF	18000
SUSAP	KDETK5DPALCE8VPM	020PM K5D 0VE	DF	
SUSAP	KDETK5DPALCE8VSVM	010KDET K5PA0A	IF	18000
SUSAP	KDETK5DPALCE8VSVM	020SVM K5D 0VE	DF	

[illegible]

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
PALACE	EIGHT	PALCE8.DXO	SEVEN	27 JUN 13	08 JAN 2015

ARINC SUMMARY - 424-18 - SID

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
	RW07		010		VM		FB		068.3 ()			
	RW15		010		VM		FB		148.3 ()			
	RW25		010		VM		FB		248.3 ()			
	RW33		010		VA		FB		328.3 ()		AA 01800	
	RW33		020		VM		FB		328.3 ()			
	ANNTS	KDET	010		IF		FB					
	ANNTS	ANNTS	020		DF		FB					
	AZO	KDET	010		IF		FB					
	AZO	AZO	020		DF		FB					
	BNNET	KDET	010		IF		FB					
	BNNET	BNNET	020		DF		FB					
	DUNKS	KDET	010		IF		FB					
	DUNKS	DUNKS	020		DF		FB					
	DXO	KDET	010		IF		FB					
	DXO	DXO	020		DF		FB					
	EARVN	KDET	010		IF		FB					
	EARVN	EARVN	020		DF		FB					
	ECKDO	KDET	010		IF		FB					
	ECKDO	ECKDO	020		DF		FB					
	FNT	KDET	010		IF		FB					
	FNT	FNT	020		DF		FB					
	HANKY	KDET	010		IF		FB					
	HANKY	HANKY	020		DF		FB					
	HARWL	KDET	010		IF		FB					
	HARWL	HARWL	020		DF		FB					
	JXN	KDET	010		IF		FB					
	JXN	JXN	020		DF		FB					
	LAN	KDET	010		IF		FB					
	LAN	LAN	020		DF		FB					
	LAYNE	KDET	010		IF		FB					
	LAYNE	LAYNE	020		DF		FB					
	LEROY	KDET	010		IF		FB					
	LEROY	LEROY	020		DF		FB					
	LESSY	KDET	010		IF		FB					
	LESSY	LESSY	020		DF		FB					
	LFD	KDET	010		IF		FB					
	LFD	LFD	020		DF		FB					
	PMM	KDET	010		IF		FB					
	PMM	PMM	020		DF		FB					
	SVM	KDET	010		IF		FB					
	SVM	SVM	020		DF		FB					

QUALITY
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CHECKED

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
PALACE	EIGHT	PALCE8.DXO	SEVEN	27 JUN 13	08 JAN 2015

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	AZO	N421413.14	W0853311.35	N4214.219	W08533.189
	DXO	N421247.29	W0832159.99	N4212.788	W08322.000
	FNT	N425800.38	W0834449.08	N4258.006	W08344.818
	JXN	N421533.27	W0842730.77	N4215.555	W08427.513
	LAN	N424302.62	W0844151.03	N4243.044	W08441.851
	LFD	N420344.96	W0844554.48	N4203.749	W08445.908
	PMM	N422757.73	W0860617.32	N4227.962	W08606.289
	SVM	N422431.09	W0833538.05	N4224.518	W08335.634
	ANNTS	N414100.83	W0834726.16	N4141.014	W08347.436
	BNNET	N430435.80	W0832200.20	N4304.597	W08322.003
	DUNKS	N422538.68	W0841139.28	N4225.645	W08411.655
	EARVN	N423114.07	W0841124.33	N4231.235	W08411.406
	ECKDO	N421424.43	W0844449.16	N4214.407	W08444.819
	HANKY	N425743.51	W0832159.93	N4257.725	W08321.999
	HARWL	N421550.23	W0841138.70	N4215.837	W08411.645
	LAYNE	N425448.22	W0832200.23	N4254.804	W08322.004
	LEROY	N421418.08	W0852030.25	N4214.301	W08520.504
	LESSY	N422613.26	W0843302.97	N4226.221	W08433.050
	RW07	N422413.53	W0830048.15	N4224.226	W08300.803
	RW15	N422504.67	W0830058.46	N4225.078	W08300.974
	RW25	N422426.84	W0830012.44	N4224.447	W08300.207
	RW33	N422424.34	W0830017.93	N4224.406	W08300.299

RUNWAY DATA

RWY	THRESHOLD	
	ELEVATION	TCH
RW07	00626	50
RW15	00624	56
RW25	00622	52
RW33	00625	49

QUALITY
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CHECKED

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
PALACE	EIGHT	PALCE8.DXO	SEVEN	27 JUN 13	08 JAN 2015

ARINC PACKET - 424-18 - SID

NAVAID	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAD	AZO	K5010900VDL	N42141314W085331135			N42141314W085331135W0010008701				NARKALAMAZOO			
SUSAD	DXO	K5011340VDHW	N42124729W083215999			N42124729W083215999W0060006382				NARDETROIT			
SUSAD	FNT	K5011690VTHW	N42580038W083444908			N42580038W083444908W0060007722				NARFLINT			
SUSAD	JXN	K5010960VDLW	N42153327W084273077			N42153327W084273077W0050009951				NARJACKSON			
SUSAD	LAN	K5011080VTLW	N42430262W084415103			N42430262W084415103W0050008871				NARLANSING			
SUSAD	LFD	K5011120VDL	N42034496W084455448			N42034496W084455448W0050010401				NARLITCHFIELD			
SUSAD	PMM	K5011210VDH	N42275773W086061732			N42275773W086061732E0000006402				NARPULLMAN			
SUSAD	SVM	K5011430VTL	N42243109W083353805			N42243109W083353805W0030009561				NARSALEM			

[illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP	KDTWK5DPALCE8TRW03B	010	0	E	VM		0347			18000			
SUSAP	KDTWK5DPALCE8TRW04B	010	0	E	VM		0347			18000			
SUSAP	KDTWK5DPALCE8TRW09B	010	0	E	VM		0947			18000			
SUSAP	KDTWK5DPALCE8TRW21B	010	0	E	VM		2147			18000			
SUSAP	KDTWK5DPALCE8TRW22B	010	0	E	VM		2147			18000			
SUSAP	KDTWK5DPALCE8TRW27B	010	0	E	VM		2747			18000			
SUSAP	KDTWK5DPALCE8VANNTS	010KDTW K5PA0A			IF					18000			
SUSAP	KDTWK5DPALCE8VANNTS	020ANNTSK5EA0EE			DF								
SUSAP	KDTWK5DPALCE8VAZO	010KDTW K5PA0A			IF					18000			



DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
PALACE	EIGHT	PALCE8.DXO	SEVEN	27 JUN 13	08 JAN 2015

SUSAP	KDTWK5DPALCE8VAZO	020AZO	K5D 0VE	DF	
SUSAP	KDTWK5DPALCE8VBNNET	010KDTW	K5PA0A	IF	18000
SUSAP	KDTWK5DPALCE8VBNNET	020BNNETK5EA0EE		DF	
SUSAP	KDTWK5DPALCE8VDUNKS	010KDTW	K5PA0A	IF	18000
SUSAP	KDTWK5DPALCE8VDUNKS	020DUNKSK5EA0EE		DF	
SUSAP	KDTWK5DPALCE8VDXO	010KDTW	K5PA0A	IF	18000
SUSAP	KDTWK5DPALCE8VDXO	020DXO	K5D 0VE	DF	
SUSAP	KDTWK5DPALCE8VEARVN	010KDTW	K5PA0A	IF	18000
SUSAP	KDTWK5DPALCE8VEARVN	020EARVNK5EA0EE		DF	
SUSAP	KDTWK5DPALCE8VECKDO	010KDTW	K5PA0A	IF	18000
SUSAP	KDTWK5DPALCE8VECKDO	020ECKDOK5EA0EE		DF	
SUSAP	KDTWK5DPALCE8VFNT	010KDTW	K5PA0A	IF	18000
SUSAP	KDTWK5DPALCE8VFNT	020FNT	K5D 0VE	DF	
SUSAP	KDTWK5DPALCE8VHANKY	010KDTW	K5PA0A	IF	18000
SUSAP	KDTWK5DPALCE8VHANKY	020HANKYK5EA0EE		DF	
SUSAP	KDTWK5DPALCE8VHARWL	010KDTW	K5PA0A	IF	18000
SUSAP	KDTWK5DPALCE8VHARWL	020HARWLK5EA0EE		DF	
SUSAP	KDTWK5DPALCE8VJXN	010KDTW	K5PA0A	IF	18000
SUSAP	KDTWK5DPALCE8VJXN	020JXN	K5D 0VE	DF	
SUSAP	KDTWK5DPALCE8VLAN	010KDTW	K5PA0A	IF	18000
SUSAP	KDTWK5DPALCE8VLAN	020LAN	K5D 0VE	DF	
SUSAP	KDTWK5DPALCE8VLAYNE	010KDTW	K5PA0A	IF	18000
SUSAP	KDTWK5DPALCE8VLAYNE	020LAYNEK5EA0EE		DF	
SUSAP	KDTWK5DPALCE8VLEROY	010KDTW	K5PA0A	IF	18000
SUSAP	KDTWK5DPALCE8VLEROY	020LEROYK5EA0EE		DF	
SUSAP	KDTWK5DPALCE8VLESSY	010KDTW	K5PA0A	IF	18000
SUSAP	KDTWK5DPALCE8VLESSY	020LESSYK5EA0EE		DF	
SUSAP	KDTWK5DPALCE8VLFD	010KDTW	K5PA0A	IF	18000
SUSAP	KDTWK5DPALCE8VLFD	020LFD	K5D 0VE	DF	
SUSAP	KDTWK5DPALCE8VPMM	010KDTW	K5PA0A	IF	18000
SUSAP	KDTWK5DPALCE8VPMM	020PMM	K5D 0VE	DF	
SUSAP	KDTWK5DPALCE8VRUZZL	010KDTW	K5PA0A	IF	18000
SUSAP	KDTWK5DPALCE8VRUZZL	020RUZZLK5EA0EE		DF	
SUSAP	KDTWK5DPALCE8VSVM	010KDTW	K5PA0A	IF	18000
SUSAP	KDTWK5DPALCE8VSVM	020SVM	K5D 0VE	DF	

[illegible]

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
PALACE	EIGHT	PALCE8.DXO	SEVEN	27 JUN 13	08 JAN 2015

SUSAP KDTWK5GRW22L	0120032147	N42135237W083205997+0000	+0159300636000060200IIDWC2	
SUSAP KDTWK5GRW22R	0100002147	N42133448W083215861+0000	+0161200642000055150IIBZB1	IJKI1
SUSAP KDTWK5GRW27L	0085002747	N42115834W083194933+0100	+0157200629000056150IIEPA1	
SUSAP KDTWK5GRW27R	0087082747	N42130302W083195172+0000	+0158900635000050150IIDMI1	

QUALITY
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CHECKED

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
PALACE	EIGHT	PALCE8.DXO	SEVEN	27 JUN 13	08 JAN 2015

ARINC SUMMARY - 424-18 - SID

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
	RW03B		010		VM		FB		034.7 ()			
	RW04B		010		VM		FB		034.7 ()			
	RW09B		010		VM		FB		094.7 ()			
	RW21B		010		VM		FB		214.7 ()			
	RW22B		010		VM		FB		214.7 ()			
	RW27B		010		VM		FB		274.7 ()			
	ANNTS	KDTW	010		IF		FB					
	ANNTS	ANNTS	020		DF		FB					
	AZO	KDTW	010		IF		FB					
	AZO	AZO	020		DF		FB					
	BNNET	KDTW	010		IF		FB					
	BNNET	BNNET	020		DF		FB					
	DUNKS	KDTW	010		IF		FB					
	DUNKS	DUNKS	020		DF		FB					
	DXO	KDTW	010		IF		FB					
	DXO	DXO	020		DF		FB					
	EARVN	KDTW	010		IF		FB					
	EARVN	EARVN	020		DF		FB					
	ECKDO	KDTW	010		IF		FB					
	ECKDO	ECKDO	020		DF		FB					
	FNT	KDTW	010		IF		FB					
	FNT	FNT	020		DF		FB					
	HANKY	KDTW	010		IF		FB					
	HANKY	HANKY	020		DF		FB					
	HARWL	KDTW	010		IF		FB					
	HARWL	HARWL	020		DF		FB					
	JXN	KDTW	010		IF		FB					
	JXN	JXN	020		DF		FB					
	LAN	KDTW	010		IF		FB					
	LAN	LAN	020		DF		FB					
	LAYNE	KDTW	010		IF		FB					
	LAYNE	LAYNE	020		DF		FB					
	LEROY	KDTW	010		IF		FB					
	LEROY	LEROY	020		DF		FB					
	LESSY	KDTW	010		IF		FB					
	LESSY	LESSY	020		DF		FB					
	LFD	KDTW	010		IF		FB					
	LFD	LFD	020		DF		FB					
	PMM	KDTW	010		IF		FB					
	PMM	PMM	020		DF		FB					
	RUZZL	KDTW	010		IF		FB					
	RUZZL	RUZZL	020		DF		FB					

QUALITY
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CHECKED

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
PALACE	EIGHT	PALCE8.DXO	SEVEN	27 JUN 13	08 JAN 2015

SVM
SVMKDTW
SVM010
020IF
DFFB
FB

POINT DATA

WAYPOINT

LAT IN SECS

LONG IN SECS

LAT IN MINS

LONG IN MINS

AZO	N421413.14	W0853311.35	N4214.219	W08533.189
DXO	N421247.29	W0832159.99	N4212.788	W08322.000
FNT	N425800.38	W0834449.08	N4258.006	W08344.818
JXN	N421533.27	W0842730.77	N4215.555	W08427.513
LAN	N424302.62	W0844151.03	N4243.044	W08441.851
LFD	N420344.96	W0844554.48	N4203.749	W08445.908
PMM	N422757.73	W0860617.32	N4227.962	W08606.289
SVM	N422431.09	W0833538.05	N4224.518	W08335.634
ANNTS	N414100.83	W0834726.16	N4141.014	W08347.436
BNNET	N430435.80	W0832200.20	N4304.597	W08322.003
DUNKS	N422538.68	W0841139.28	N4225.645	W08411.655
EARVN	N423114.07	W0841124.33	N4231.235	W08411.406
ECKDO	N421424.43	W0844449.16	N4214.407	W08444.819
HANKY	N425743.51	W0832159.93	N4257.725	W08321.999
HARWL	N421550.23	W0841138.70	N4215.837	W08411.645
LAYNE	N425448.22	W0832200.23	N4254.804	W08322.004
LEROY	N421418.08	W0852030.25	N4214.301	W08520.504
LESSY	N422613.26	W0843302.97	N4226.221	W08433.050
RUZZZL	N415229.80	W0835718.59	N4152.497	W08357.310
RW03L	N421228.21	W0832104.39	N4212.470	W08321.073
RW03R	N421144.21	W0832106.49	N4211.737	W08321.108
RW04L	N421207.82	W0832302.40	N4212.130	W08323.040
RW04R	N421212.78	W0832213.32	N4212.213	W08322.222
RW09L	N421301.08	W0832147.41	N4213.018	W08321.790
RW09R	N421156.46	W0832142.23	N4211.941	W08321.704
RW21L	N421310.86	W0832002.65	N4213.181	W08320.044
RW21R	N421341.85	W0832010.12	N4213.698	W08320.169
RW22L	N421352.37	W0832059.97	N4213.873	W08321.000
RW22R	N421334.48	W0832158.61	N4213.575	W08321.977
RW27L	N421158.34	W0831949.33	N4211.972	W08319.822
RW27R	N421303.02	W0831951.72	N4213.050	W08319.862

RUNWAY DATA

RWY	THRESHOLD ELEVATION	TCH
RW03L	00636	58
RW03R	00633	54
RW04L	00645	55
RW04R	00637	51
RW09L	00639	50
RW09R	00636	50
RW21L	00632	62

QUALITY
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CHECKED

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
PALACE	EIGHT	PALCE8.DXO	SEVEN	27 JUN 13	08 JAN 2015

RW21R	00632	56
RW22L	00636	60
RW22R	00642	55
RW27L	00629	56
RW27R	00635	50

QUALITY
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CHECKED

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
PALACE	EIGHT	PALCE8.DXO	SEVEN	27 JUN 13	08 JAN 2015

ARINC PACKET - 424-18 - SID

	1	2	3	4	5	6	7	8	9	0	1	2	3
NAVAID	12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012												
SUSAD	AZO	K5010900VDL	N42141314W085331135	N42141314W085331135W0010008701	NARKALAMAZOO								
SUSAD	DXO	K5011340VDHW	N42124729W083215999	N42124729W083215999W0060006382	NARDETROIT								
SUSAD	FNT	K5011690VTHW	N42580038W083444908	N42580038W083444908W0060007722	NARFLINT								
SUSAD	JXN	K5010960VDLW	N42153327W084273077	N42153327W084273077W0050009951	NARJACKSON								
SUSAD	LAN	K5011080VTLW	N42430262W084415103	N42430262W084415103W0050008871	NARLANSING								
SUSAD	LFD	K5011120VDL	N42034496W084455448	N42034496W084455448W0050010401	NARLITCHFIELD								
SUSAD	PMM	K5011210VDH	N42275773W086061732	N42275773W086061732E0000006402	NARPULLMAN								
SUSAD	PSI	K5011100VTL	N42420309W083315798	N42420309W083315798W0030011491	NARPONTIAC								
SUSAD	SVM	K5011430VTL	N42243109W083353805	N42243109W083353805W0030009561	NARSALEM								

	1	2	3	4	5	6	7	8	9	0	1	2	3
WP	12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012												
SUSAEAENRT	ANNTS	K50	R	L	N41410083W083472616	W0068	NAR	ANNTS					
SUSAEAENRT	BNNET	K50	R	L	N43043580W083220020	W0075	NAR	BNNET					
SUSAEAENRT	DUNKS	K50	R	B	N42253868W084113928	W0067	NAR	DUNKS					
SUSAEAENRT	ECKDO	K50	C	L	N42142443W084444916	W0062	NAR	ECKDO					
SUSAEAENRT	HANKY	K50	C	L	N42574351W083215993	W0074	NAR	HANKY					
SUSAEAENRT	HARWL	K50	R	L	N42155023W084113870	W0066	NAR	HARWL					
SUSAEAENRT	LAYNE	K50	R	L	N42544822W083220023	W0074	NAR	LAYNE					
SUSAEAENRT	LEROY	K50	R	L	N42141808W085203025	W0057	NAR	LEROY					
SUSAEAENRT	LESSY	K50	C	L	N42261326W084330297	W0064	NAR	LESSY					
SUSAEAENRT	RUZZL	K50	R	L	N41522980W083571859	W0067	NAR	RUZZL					
SUSAEAENRT	SPRTN	K50	R	L	N42423098W084001383	W0069	NAR	SPRTN					

	1	2	3	4	5	6	7	8	9	0	1	2	3
AIRPORT	12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012												
SUSAP	KPTKK5APTK	0	065YHN42395629W083251382W004000981	1800018000C	MNAR	OAKLAND COUNTY INTL							

	1	2	3	4	5	6	7	8	9	0	1	2	3
SEGMENT	12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012												
SUSAP	KPTKK5DPALCE8TRW09L	010	0 E	VM	0917	18000							
SUSAP	KPTKK5DPALCE8TRW09R	010	0 E	VM	0916	18000							
SUSAP	KPTKK5DPALCE8TRW27B	010	0 E	VM	2717	18000							
SUSAP	KPTKK5DPALCE8VANNTS	010KPTK	K5PA0A	IF		18000							
SUSAP	KPTKK5DPALCE8VANNTS	020ANNTSK5EA0EE	DF										
SUSAP	KPTKK5DPALCE8VAZO	010KPTK	K5PA0A	IF		18000							
SUSAP	KPTKK5DPALCE8VAZO	020AZO	K5D OVE	DF									
SUSAP	KPTKK5DPALCE8VBNNET	010KPTK	K5PA0A	IF		18000							

QUALITY
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CHECKED

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
PALACE	EIGHT	PALCE8.DXO	SEVEN	27 JUN 13	08 JAN 2015

SUSAP	KPTKK5DPALCE8VBNNET	020BNNETK5EA0EE	DF	
SUSAP	KPTKK5DPALCE8VDUNKS	010KPTK K5PA0A	IF	18000
SUSAP	KPTKK5DPALCE8VDUNKS	020DUNKSK5EA0EE	DF	
SUSAP	KPTKK5DPALCE8VDXO	010KPTK K5PA0A	IF	18000
SUSAP	KPTKK5DPALCE8VDXO	020DXO K5D 0VE	DF	
SUSAP	KPTKK5DPALCE8VECKDO	010KPTK K5PA0A	IF	18000
SUSAP	KPTKK5DPALCE8VECKDO	020ECKDOK5EA0EE	DF	
SUSAP	KPTKK5DPALCE8VFNT	010KPTK K5PA0A	IF	18000
SUSAP	KPTKK5DPALCE8VFNT	020FNT K5D 0VE	DF	
SUSAP	KPTKK5DPALCE8VHANKY	010KPTK K5PA0A	IF	18000
SUSAP	KPTKK5DPALCE8VHANKY	020HANKYK5EA0EE	DF	
SUSAP	KPTKK5DPALCE8VHARWL	010KPTK K5PA0A	IF	18000
SUSAP	KPTKK5DPALCE8VHARWL	020HARWLK5EA0EE	DF	
SUSAP	KPTKK5DPALCE8VJXN	010KPTK K5PA0A	IF	18000
SUSAP	KPTKK5DPALCE8VJXN	020JXN K5D 0VE	DF	
SUSAP	KPTKK5DPALCE8VLAN	010KPTK K5PA0A	IF	18000
SUSAP	KPTKK5DPALCE8VLAN	020LAN K5D 0VE	DF	
SUSAP	KPTKK5DPALCE8VLAYNE	010KPTK K5PA0A	IF	18000
SUSAP	KPTKK5DPALCE8VLAYNE	020LAYNEK5EA0EE	DF	
SUSAP	KPTKK5DPALCE8VLERoy	010KPTK K5PA0A	IF	18000
SUSAP	KPTKK5DPALCE8VLERoy	020LERoyK5EA0EE	DF	
SUSAP	KPTKK5DPALCE8VLESSY	010KPTK K5PA0A	IF	18000
SUSAP	KPTKK5DPALCE8VLESSY	020LESSYK5EA0EE	DF	
SUSAP	KPTKK5DPALCE8VLFd	010KPTK K5PA0A	IF	18000
SUSAP	KPTKK5DPALCE8VLFd	020LFD K5D 0VE	DF	
SUSAP	KPTKK5DPALCE8VPMM	010KPTK K5PA0A	IF	18000
SUSAP	KPTKK5DPALCE8VPMM	020PMM K5D 0VE	DF	
SUSAP	KPTKK5DPALCE8VPSI	010KPTK K5PA0A	IF	18000
SUSAP	KPTKK5DPALCE8VPSI	020PSI K5D 0VE	DF	
SUSAP	KPTKK5DPALCE8VRUZZL	010KPTK K5PA0A	IF	18000
SUSAP	KPTKK5DPALCE8VRUZZL	020RUZZLK5EA0EE	DF	
SUSAP	KPTKK5DPALCE8VSPRTN	010KPTK K5PA0A	IF	18000
SUSAP	KPTKK5DPALCE8VSPRTN	020SPRTNK5EA0EE	DF	
SUSAP	KPTKK5DPALCE8VSVM	010KPTK K5PA0A	IF	18000
SUSAP	KPTKK5DPALCE8VSVM	020SVM K5D 0VE	DF	

[illegible]

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
PALACE	EIGHT	PALCE8. DXO	SEVEN	27 JUN 13	08 JAN 2015

ARINC SUMMARY - 424-18 - SID

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
	RW09L		010		VM		FB		091.7 ()			
	RW09R		010		VM		FB		091.6 ()			
	RW27B		010		VM		FB		271.7 ()			
	ANNTS	KPTK	010		IF		FB					
	ANNTS	ANNTS	020		DF		FB					
	AZO	KPTK	010		IF		FB					
	AZO	AZO	020		DF		FB					
	BNNET	KPTK	010		IF		FB					
	BNNET	BNNET	020		DF		FB					
	DUNKS	KPTK	010		IF		FB					
	DUNKS	DUNKS	020		DF		FB					
	DXO	KPTK	010		IF		FB					
	DXO	DXO	020		DF		FB					
	ECKDO	KPTK	010		IF		FB					
	ECKDO	ECKDO	020		DF		FB					
	FNT	KPTK	010		IF		FB					
	FNT	FNT	020		DF		FB					
	HANKY	KPTK	010		IF		FB					
	HANKY	HANKY	020		DF		FB					
	HARWL	KPTK	010		IF		FB					
	HARWL	HARWL	020		DF		FB					
	JXN	KPTK	010		IF		FB					
	JXN	JXN	020		DF		FB					
	LAN	KPTK	010		IF		FB					
	LAN	LAN	020		DF		FB					
	LAYNE	KPTK	010		IF		FB					
	LAYNE	LAYNE	020		DF		FB					
	LEROY	KPTK	010		IF		FB					
	LEROY	LEROY	020		DF		FB					
	LESSY	KPTK	010		IF		FB					
	LESSY	LESSY	020		DF		FB					
	LFD	KPTK	010		IF		FB					
	LFD	LFD	020		DF		FB					
	PMM	KPTK	010		IF		FB					
	PMM	PMM	020		DF		FB					
	PSI	KPTK	010		IF		FB					
	PSI	PSI	020		DF		FB					
	RUZZL	KPTK	010		IF		FB					
	RUZZL	RUZZL	020		DF		FB					
	SPRTN	KPTK	010		IF		FB					
	SPRTN	SPRTN	020		DF		FB					
	SVM	KPTK	010		IF		FB					

QUALITY
15
CHECKED

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
PALACE	EIGHT	PALCE8. DXO	SEVEN	27 JUN 13	08 JAN 2015

SVM	SVM	020	DF	FB	
POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	AZO	N421413.14	W0853311.35	N4214.219	W08533.189
	DXO	N421247.29	W08322159.99	N4212.788	W08322.000
	FNT	N425800.38	W0834449.08	N4258.006	W08344.818
	JXN	N421533.27	W0842730.77	N4215.555	W08427.513
	LAN	N424302.62	W0844151.03	N4243.044	W08441.851
	LFD	N420344.96	W0844554.48	N4203.749	W08445.908
	PMM	N422757.73	W0860617.32	N4227.962	W08606.289
	PSI	N424203.09	W0833157.98	N4242.052	W08331.966
	SVM	N422431.09	W0833538.05	N4224.518	W08335.634
	ANNTS	N414100.83	W0834726.16	N4141.014	W08347.436
	BNNET	N430435.80	W0832200.20	N4304.597	W08322.003
	DUNKS	N422538.68	W0841139.28	N4225.645	W08411.655
	ECKDO	N421424.43	W0844449.16	N4214.407	W08444.819
	HANKY	N425743.51	W08322159.93	N4257.725	W08321.999
	HARWL	N421550.23	W0841138.70	N4215.837	W08411.645
	LAYNE	N425448.22	W0832200.23	N4254.804	W08322.004
	LEROY	N421418.08	W0852030.25	N4214.301	W08520.504
	LESSY	N422613.26	W0843302.97	N4226.221	W08433.050
	RUZZL	N415229.80	W0835718.59	N4152.497	W08357.310
	SPRTN	N424230.98	W0840013.83	N4242.516	W08400.231
	RW09L	N423958.06	W0832603.84	N4239.968	W08326.064
	RW09R	N423952.61	W0832603.53	N4239.877	W08326.059
	RW27L	N423955.26	W0832436.33	N4239.921	W08324.606
	RW27R	N424000.34	W0832447.94	N4240.006	W08324.799

RUNWAY DATA

RWY	THRESHOLD ELEVATION	TCH
RW09L	00974	40
RW09R	00980	45
RW27L	00972	47
RW27R	00973	51



DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
PALACE	EIGHT	PALCE8.DXO	SEVEN	27 JUN 13	08 JAN 2015

ARINC PACKET - 424-18 - SID

	1	2	3	4	5	6	7	8	9	0	1	2	3
NAVAID	12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012												
	SUSAD	AZO	K5010900VDL	N42141314W085331135		N42141314W085331135W0010008701				NARKALAMAZOO			
	SUSAD	DXO	K5011340VDHW	N42124729W083215999		N42124729W083215999W0060006382				NARDETROIT			
	SUSAD	FNT	K5011690VTHW	N42580038W083444908		N42580038W083444908W0060007722				NARFLINT			
	SUSAD	JXN	K5010960VDLW	N42153327W084273077		N42153327W084273077W0050009951				NARJACKSON			
	SUSAD	LAN	K5011080VTLW	N42430262W084415103		N42430262W084415103W0050008871				NARLANSING			
	SUSAD	LFD	K5011120VDL	N42034496W084455448		N42034496W084455448W0050010401				NARLITCHFIELD			
	SUSAD	PMM	K5011210VDH	N42275773W086061732		N42275773W086061732E0000006402				NARPULLMAN			
	SUSAD	SVM	K5011430VTL	N42243109W083353805		N42243109W083353805W0030009561				NARSALEM			

	1	2	3	4	5	6	7	8	9	0	1	2	3
WP	12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012												
	SUSAEANRT	ANNTS	K50	R	L	N41410083W083472616		W0068	NAR		ANNTS		
	SUSAEANRT	BNNET	K50	R	L	N43043580W083220020		W0075	NAR		BNNET		
	SUSAEANRT	DUNKS	K50	R	B	N42253868W084113928		W0067	NAR		DUNKS		
	SUSAEANRT	EARVN	K50	R		N42311407W084112433		W0067	NAR		EARVN		
	SUSAEANRT	ECKDO	K50	C	L	N42142443W084444916		W0062	NAR		ECKDO		
	SUSAEANRT	HANKY	K50	C	L	N42574351W083215993		W0074	NAR		HANKY		
	SUSAEANRT	HARWL	K50	R	L	N42155023W084113870		W0066	NAR		HARWL		
	SUSAEANRT	LAYNE	K50	R	L	N42544822W083220023		W0074	NAR		LAYNE		
	SUSAEANRT	LEROY	K50	R	L	N42141808W085203025		W0057	NAR		LEROY		
	SUSAEANRT	LESSY	K50	C	L	N42261326W084330297		W0064	NAR		LESSY		
	SUSAEANRT	RUZZL	K50	R	L	N41522980W083571859		W0067	NAR		RUZZL		

	1	2	3	4	5	6	7	8	9	0	1	2	3
AIRPORT	12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012												
	SUSAP	KYIPK5AYIP	0	075YHN42142149W083315148W006000716			1800018000C	MNAR		WILLOW RUN			

	1	2	3	4	5	6	7	8	9	0	1	2	3
SEGMENT	12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012												
	SUSAP	KYIPK5DPALCE8TRW05B	010	0	E	VM		0527		18000			
	SUSAP	KYIPK5DPALCE8TRW09	010	0	E	VM		0946		18000			
	SUSAP	KYIPK5DPALCE8TRW14	010	0	E	VM		1420		18000			
	SUSAP	KYIPK5DPALCE8TRW23B	010	0	E	VM		2327		18000			
	SUSAP	KYIPK5DPALCE8TRW27	010	0	E	VM		2746		18000			
	SUSAP	KYIPK5DPALCE8TRW32	010	0	E	VM		3220		18000			
	SUSAP	KYIPK5DPALCE8VANNTS	010KYIP	K5PA0A		IF				18000			
	SUSAP	KYIPK5DPALCE8VANNTS	020ANNTSK5EA0EE			DF							
	SUSAP	KYIPK5DPALCE8VAZO	010KYIP	K5PA0A		IF				18000			

QUALITY
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DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
PALACE	EIGHT	PALCE8.DXO	SEVEN	27 JUN 13	08 JAN 2015

SUSAP	KYIPK5DPALCE8VAZO	020AZO	K5D 0VE	DF	
SUSAP	KYIPK5DPALCE8VBNNET	010KYIP	K5PA0A	IF	18000
SUSAP	KYIPK5DPALCE8VBNNET	020BNNETK5EA0EE		DF	
SUSAP	KYIPK5DPALCE8VDUNKS	010KYIP	K5PA0A	IF	18000
SUSAP	KYIPK5DPALCE8VDUNKS	020DUNKSK5EA0EE		DF	
SUSAP	KYIPK5DPALCE8VDXO	010KYIP	K5PA0A	IF	18000
SUSAP	KYIPK5DPALCE8VDXO	020DXO	K5D 0VE	DF	
SUSAP	KYIPK5DPALCE8VEARVN	010KYIP	K5PA0A	IF	18000
SUSAP	KYIPK5DPALCE8VEARVN	020EARVNK5EA0EE		DF	
SUSAP	KYIPK5DPALCE8VECKDO	010KYIP	K5PA0A	IF	18000
SUSAP	KYIPK5DPALCE8VECKDO	020ECKDOK5EA0EE		DF	
SUSAP	KYIPK5DPALCE8VFNT	010KYIP	K5PA0A	IF	18000
SUSAP	KYIPK5DPALCE8VFNT	020FNT	K5D 0VE	DF	
SUSAP	KYIPK5DPALCE8VHANKY	010KYIP	K5PA0A	IF	18000
SUSAP	KYIPK5DPALCE8VHANKY	020HANKYK5EA0EE		DF	
SUSAP	KYIPK5DPALCE8VHARWL	010KYIP	K5PA0A	IF	18000
SUSAP	KYIPK5DPALCE8VHARWL	020HARWLK5EA0EE		DF	
SUSAP	KYIPK5DPALCE8VJXN	010KYIP	K5PA0A	IF	18000
SUSAP	KYIPK5DPALCE8VJXN	020JXN	K5D 0VE	DF	
SUSAP	KYIPK5DPALCE8VLAN	010KYIP	K5PA0A	IF	18000
SUSAP	KYIPK5DPALCE8VLAN	020LAN	K5D 0VE	DF	
SUSAP	KYIPK5DPALCE8VLAYNE	010KYIP	K5PA0A	IF	18000
SUSAP	KYIPK5DPALCE8VLAYNE	020LAYNEK5EA0EE		DF	
SUSAP	KYIPK5DPALCE8VLEROY	010KYIP	K5PA0A	IF	18000
SUSAP	KYIPK5DPALCE8VLEROY	020LEROYK5EA0EE		DF	
SUSAP	KYIPK5DPALCE8VLESSY	010KYIP	K5PA0A	IF	18000
SUSAP	KYIPK5DPALCE8VLESSY	020LESSYK5EA0EE		DF	
SUSAP	KYIPK5DPALCE8VLFD	010KYIP	K5PA0A	IF	18000
SUSAP	KYIPK5DPALCE8VLFD	020LFD	K5D 0VE	DF	
SUSAP	KYIPK5DPALCE8VPMM	010KYIP	K5PA0A	IF	18000
SUSAP	KYIPK5DPALCE8VPMM	020PMM	K5D 0VE	DF	
SUSAP	KYIPK5DPALCE8VRUZZL	010KYIP	K5PA0A	IF	18000
SUSAP	KYIPK5DPALCE8VRUZZL	020RUZZLK5EA0EE		DF	
SUSAP	KYIPK5DPALCE8VSVM	010KYIP	K5PA0A	IF	18000
SUSAP	KYIPK5DPALCE8VSVM	020SVM	K5D 0VE	DF	

[illegible]

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
PALACE	EIGHT	PALCE8.DXO	SEVEN	27 JUN 13	08 JAN 2015

ARINC SUMMARY - 424-18 - SID

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
	RW05B		010		VM		FB		052.7 ()			
	RW09		010		VM		FB		094.6 ()			
	RW14		010		VM		FB		142.0 ()			
	RW23B		010		VM		FB		232.7 ()			
	RW27		010		VM		FB		274.6 ()			
	RW32		010		VM		FB		322.0 ()			
	ANNTS	KYIP	010		IF		FB					
	ANNTS	ANNTS	020		DF		FB					
	AZO	KYIP	010		IF		FB					
	AZO	AZO	020		DF		FB					
	BNNET	KYIP	010		IF		FB					
	BNNET	BNNET	020		DF		FB					
	DUNKS	KYIP	010		IF		FB					
	DUNKS	DUNKS	020		DF		FB					
	DXO	KYIP	010		IF		FB					
	DXO	DXO	020		DF		FB					
	EARVN	KYIP	010		IF		FB					
	EARVN	EARVN	020		DF		FB					
	ECKDO	KYIP	010		IF		FB					
	ECKDO	ECKDO	020		DF		FB					
	FNT	KYIP	010		IF		FB					
	FNT	FNT	020		DF		FB					
	HANKY	KYIP	010		IF		FB					
	HANKY	HANKY	020		DF		FB					
	HARWL	KYIP	010		IF		FB					
	HARWL	HARWL	020		DF		FB					
	JXN	KYIP	010		IF		FB					
	JXN	JXN	020		DF		FB					
	LAN	KYIP	010		IF		FB					
	LAN	LAN	020		DF		FB					
	LAYNE	KYIP	010		IF		FB					
	LAYNE	LAYNE	020		DF		FB					
	LEROY	KYIP	010		IF		FB					
	LEROY	LEROY	020		DF		FB					
	LESSY	KYIP	010		IF		FB					
	LESSY	LESSY	020		DF		FB					
	LFD	KYIP	010		IF		FB					
	LFD	LFD	020		DF		FB					
	PMM	KYIP	010		IF		FB					
	PMM	PMM	020		DF		FB					
	RUZZL	KYIP	010		IF		FB					
	RUZZL	RUZZL	020		DF		FB					



DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
PALACE	EIGHT	PALCE8.DXO	SEVEN	27 JUN 13	08 JAN 2015

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	SVM SVM KYIP SVM 010 020 IF DF FB FB				
	AZO	N421413.14	W0853311.35	N4214.219	W08533.189
	DXO	N421247.29	W0832159.99	N4212.788	W08322.000
	FNT	N425800.38	W0834449.08	N4258.006	W08344.818
	JXN	N421533.27	W0842730.77	N4215.555	W08427.513
	LAN	N424302.62	W0844151.03	N4243.044	W08441.851
	LFD	N420344.96	W0844554.48	N4203.749	W08445.908
	PMM	N422757.73	W0860617.32	N4227.962	W08606.289
	SVM	N422431.09	W0833538.05	N4224.518	W08335.634
	ANNTS	N414100.83	W0834726.16	N4141.014	W08347.436
	BNNET	N430435.80	W0832200.20	N4304.597	W08322.003
	DUNKS	N422538.68	W0841139.28	N4225.645	W08411.655
	EARVN	N423114.07	W0841124.33	N4231.235	W08411.406
	ECKDO	N421424.43	W0844449.16	N4214.407	W08444.819
	HANKY	N425743.51	W0832159.93	N4257.725	W08321.999
	HARWL	N421550.23	W0841138.70	N4215.837	W08411.645
	LAYNE	N425448.22	W0832200.23	N4254.804	W08322.004
	LEROY	N421418.08	W0852030.25	N4214.301	W08520.504
	LESSY	N422613.26	W0843302.97	N4226.221	W08433.050
	RUZZL	N415229.80	W0835718.59	N4152.497	W08357.310
	RW05L	N421355.87	W0833230.06	N4213.931	W08332.501
	RW05R	N421350.25	W0833223.46	N4213.838	W08332.391
	RW09	N421438.37	W0833228.33	N4214.640	W08332.472
	RW14	N421435.46	W0833221.39	N4214.591	W08332.357
	RW23L	N421441.34	W0833110.48	N4214.689	W08331.175
	RW23R	N421436.46	W0833132.03	N4214.608	W08331.534
	RW27	N421440.03	W0833059.06	N4214.667	W08330.984
	RW32	N421354.32	W0833127.97	N4213.905	W08331.466

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW05L	00715	50
	RW05R	00714	57
	RW09	00715	55
	RW14	00714	55
	RW23L	00701	58
	RW23R	00707	55
	RW27	00699	50
	RW32	00705	45

QUALITY
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