

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DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
HOWIG	ONE	HOWIG1.HOWIG	NONE		18 SEP 2014

TYPE: SID RNAV

DP ROUTE DESCRIPTION:

DEPARTING ADDISON, DALLAS EXECUTIVE, COLLIN COUNTY RGNL AT MC KINNEY, FORT WORTH ALLIANCE, FORT WORTH MEACHAM INTL, FORT WORTH SPINKS, FORT WORTH NAS JRB/CARSWELL FIELD, ARLINGTON MUNI, DENTON MUNI, GRAND PRAIRIE MUNI, LANCASTER RGNL, MESQUITE METRO, CLEBURNE RGNL, DECATUR MUNI, ENNIS MUNI, BOURLAND FIELD, MID-WAY RGNL, RALPH M. HALL/ROCKWELL MUNI, PARKER COUNTY: WHEN ENTERING CONTROLLED AIRSPACE, FLY HEADING ASSIGNED BY ATC, EXPECT VECTOR TO BOWTT, THEN ON TRACK 270.34 TO HOWIG, THEN ON ASSIGNED TRANSITION. MAINTAIN ALTITUDE ASSIGNED BY ATC, EXPECT FILED ALTITUDE 10 MINUTES AFTER DEPARTURE.

DALLAS EXECUTIVE

TAKEOFF RWY 13: CLIMB HEADING 129.08 TO 1800 BEFORE TURNING WESTBOUND.
TAKEOFF RWY 17: CLIMB HEADING 174.13 TO 2600 BEFORE TURNING WESTBOUND.
TAKEOFF RWY 31: CLIMB HEADING 309.09 TO 1500 BEFORE TURNING SOUTHBOUND.
TAKEOFF RWY 35: CLIMB HEADING 354.13 TO 1400 BEFORE TURNING SOUTHBOUND.

FORT WORTH ALLIANCE

TAKEOFF RWY 16R: CLIMB HEADING 166.21 TO 1100 BEFORE TURNING RIGHT.

FORT WORTH MEACHAM INTL

TAKEOFF RWY 9: CLIMB HEADING 091.87 TO 1800 BEFORE PROCEEDING ON COURSE.
TAKEOFF RWY 16: CLIMB HEADING 163.90 TO 1600 BEFORE PROCEEDING ON COURSE.
TAKEOFF RWY 17: CLIMB HEADING 163.90 TO 1600 BEFORE PROCEEDING ON COURSE.

FORT WORTH SPINKS

TAKEOFF RWY 17R: CLIMB HEADING 173.11 TO 1200 BEFORE TURNING RIGHT.

ARLINGTON MUNI

TAKEOFF RWY 16: CLIMB HEADING 162.02 TO 2500 BEFORE TURNING LEFT.
TAKEOFF RWY 34: CLIMB HEADING 342.02 TO 1400 BEFORE TURNING SOUTHEAST BOUND.

GRAND PRAIRIE MUNI

TAKEOFF RWY 17: CLIMB HEADING 189.34 TO 2500 BEFORE PROCEEDING ON COURSE.

LANCASTER RGNL

TAKEOFF RWY 31: CLIMB HEADING 314.32 TO 1800 BEFORE TURNING LEFT.

DECATUR MUNI:

TAKEOFF RWY 17: CLIMB HEADING 163.45 TO 1700 BEFORE PROCEEDING NORTH.

BOURLAND FIELD

TAKEOFF RWY 17: CLIMB HEADING 165.44 TO 1400 BEFORE TURNING RIGHT.



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MID-WAY RGNL

TAKEOFF RWY 18: CLIMB HEADING 177.98 TO 1700 BEFORE PROCEEDING NORTHBOUND.

TAKEOFF RWY 36: CLIMB HEADING 012.98 TO 2700 BEFORE TURNING LEFT.

PARKER COUNTY

TAKEOFF RWY 35: CLIMB HEADING 355.37 TO 1600 BEFORE TURNING LEFT.

TRANSITION ROUTES (GRAPHIC DEPICTION ONLY):

Transition Name	Transition Computer Codes	From FIX/NAVAID	To FIX/NAVAID	Course	Distance	MEA	MOCA	Crossing Altitudes/Fixes
ALIAN	HOWIG1.ALIAN	HOWIG	HOOTT	208.08	9.43	10400	2500	
		HOOTT	IAMUP	258.80	25.07	15400	2800	
		IAMUP	ALIAN	258.53	50.79	FL180	3000	
BRHMA	HOWIG1.BRHMA	HOWIG	SNUCK	240.07	5.67	9700	2500	
		SNUCK	WUDIE	275.46	25.47	14800	2600	
		WUDIE	KATZZ	275.24	69.85	FL180	3000	
		KATZZ	BRHMA	280.17	75.24	FL180	4000	
CIKAN	HOWIG1.CIKAN	HOWIG	HOOTT	208.08	9.43	10400	2500	
		HOOTT	JAGID	253.34	25.41	15500	2800	
		JAGID	WSTEX	253.18	57.30	FL180	3100	
		WSTEX	CIKAN	261.02	50.13	FL180	4100	
DOSXX	HOWIG1.DOSXX	HOWIG	HOOTT	208.08	9.43	10400	2500	
		HOOTT	JAGID	253.34	25.41	15500	2800	
		JAGID	WSTEX	253.18	57.30	FL180	3100	
		WSTEX	DOSXX	249.04	32.63	FL180	3900	
DYREK	HOWIG1.DYREK	HOWIG	POOBR	300.59	6.34	9800	2500	
		POOBR	WALIE	281.68	26.19	15100	3600	
		WALIE	HRPER	281.48	67.25	FL180	3000	
		HRPER	DYREK	283.46	37.21	FL180	3400	
HUDAD	HOWIG1.HUDAD	HOWIG	EEORE	326.93	10.89	10700	2400	
		EEORE	BGLEE	284.36	26.51	16000	2700	
		BGLEE	HUDAD	284.16	63.72	FL180	2900	

QUALITY
3
CHECKED

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PROCEDURAL DATA NOTES/TAKEOFF MINIMUMS:

NOTE: RADAR REQUIRED.

NOTE: RNAV 1.

NOTE: DME/DME/IRU OR GPS REQUIRED.

NOTE: FILE THIS SID WHEN DFW IS ON NORTH FLOW DEPARTING RWY 35/36. FILE SWABR DEPARTURE WHEN DFW IS ON SOUTH FLOW DEPARTING RWY 17/18.

NOTE: FOR USE BY TURBOJETS ONLY.

NOTE: PROPS FILE AND EXPECT KINGDOM OR COYOTE DEPARTURE.

NOTE: VERTICAL PLANNING INFORMATION, EXPECT TO CROSS BOWTT AT OR BELOW 8000.

TAKEOFF MINIMUMS:

ADDISON

RWY 33, STANDARD.

RWY 15, 400–2 1/2 OR STANDARD WITH A MINIMUM CLIMB OF 325 FT PER NM TO 1100.

DALLAS EXECUTIVE

RWY 13, 31, 35, STANDARD.

RWY 17, 400–2 3/4 OR STANDARD WITH A MINIMUM CLIMB OF 220 FT PER NM TO 1200

COLLIN COUNTY RGNL AT MC KINNEY

RWY 18, 36, STANDARD.

FORT WORTH ALLIANCE

RWY 34L, 34R, STANDARD.

RWY 16L, 300–2 1/4 OR STANDARD WITH A MINIMUM CLIMB OF 208 FT PER NM TO 1100, OR ALTERNATIVELY, WITH STANDARD TAKEOFF MINIMUMS AND A NORMAL 200 FT PER NM CLIMB GRADIENT, TAKEOFF MUST OCCUR NO LATER THAN 1400 FT PRIOR TO DER.

RWY 16R, 300–2 1/4 OR STANDARD WITH A MINIMUM CLIMB OF 210 FT PER NM TO 1100, OR ALTERNATIVELY, WITH STANDARD TAKEOFF MINIMUMS AND A NORMAL 200 FT PER NM CLIMB GRADIENT, TAKEOFF MUST OCCUR NO LATER THAN 1500 FT PRIOR TO DER.

FORT WORTH MEACHAM INTL

RWY 16, 17, 27, STANDARD.

RWY 9, 300–1 1/2 OR STANDARD WITH A MINIMUM CLIMB OF 220 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 1500 FT PRIOR TO DER.

RWY 34, 300–2 OR STANDARD WITH A MINIMUM CLIMB OF 220 FT PER NM TO 1100, OR ALTERNATIVELY, WITH STANDARD TAKEOFF MINIMUMS AND A NORMAL 200 FT PER NM CLIMB GRADIENT, TAKEOFF MUST OCCUR NO LATER THAN 1800 FT PRIOR TO DER.

RWY 35, 300–1 1/4 OR STANDARD WITH MINIMUM CLIMB OF 205 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 1200 FT PRIOR TO DER.

FORT WORTH SPINKS

RWY 17L, 35R, NA-ENVIRONMENTAL.

RWY 17R, 35L, STANDARD.



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FORT WORTH NAS JRB/CARSWELL FIELD
REFER TO APPROPRIATE MILITARY SERVICE DIRECTIVES.

ARLINGTON MUNI
RWY 16, 34, STANDARD.

DENTON MUNI
RWY 18, 36, STANDARD.

GRAND PRAIRIE MUNI
RWY 35, NA-ATC.
RWY 17, STANDARD.

LANCASTER RGNL
RWY 13, STANDARD.
RWY 31, 300-1 1/4 OR STANDARD WITH A MINIMUM CLIMB OF 205 FT PER NM TO 800, OR ALTERNATIVELY, WITH STANDARD TAKEOFF MINIMUMS AND A NORMAL 200 FT PER NM CLIMB GRADIENT, TAKEOFF MUST OCCUR NO LATER THAN 1200 FT PRIOR TO DER.

MESQUITE METRO
RWY 17, 35, STANDARD.

CLEBURNE RGNL
RWY 15, STANDARD.
RWY 33, 300-1 1/2 OR STANDARD WITH MINIMUM CLIMB OF 422 FT PER NM TO 1200.

DECATUR MUNI
RWY 17, STANDARD
RWY 35, STANDARD WITH MINIMUM CLIMB OF 320 FT PER NM TO 3500.

ENNIS MUNI
RWY 15, 33, STANDARD.

BOURLAND FIELD
RWY 35, STANDARD.
RWY 17, 300-2 OR STANDARD WITH MINIMUM CLIMB OF 512 FT PER NM TO 1300.

MID-WAY RGNL
RWY 18, 36, STANDARD

RALPH M HALL/ROCKWALL MUNI
RWY 17, 35, STANDARD.

PARKER COUNTY
RWY 17, 35, STANDARD.

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TAKEOFF OBSTACLES NOTES:

ADDISON

NOTE: RWY 15, VEHICLES ON ROAD AND IN PARKING LOTS, RAILROADS, AND POLES BEGINNING 168 FT FROM DER, 118 FT RIGHT OF CENTERLINE, UP TO 36 FT AGL/665 FT MSL. NAVAID, SIGN, VEHICLES IN PARKING LOTS, RAILROADS, POLES, TREES, AND BUILDINGS BEGINNING 316 FT FROM DER, 1 FT LEFT OF CENTERLINE, UP TO 50 FT AGL/683 FT MSL. POLE AND TREES BEGINNING 1705 FT FROM DER, 46 FT RIGHT OF CENTERLINE, UP TO 59 FT AGL/690 FT MSL. BUILDINGS BEGINNING 3191 FT FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 149 FT AGL/787 FT MSL. BUILDING 1.1 NM FROM DER, 279 FT LEFT OF CENTERLINE, 229 FT AGL/850 FT MSL. BUILDING 1.9 NM FROM DER, 970 FT RIGHT OF CENTERLINE, 345 FT AGL/975 FT MSL. BUILDING 2.1 NM FROM DER, 58 FT RIGHT OF CENTERLINE, 362 FT AGL/973 FT MSL.

NOTE: RWY 33, SERVICE ROAD AND BUILDINGS BEGINNING 45 FT FROM DER, 458 FT RIGHT OF CENTERLINE, UP TO 10 FT AGL/653 FT MSL. SIGN, VEHICLES IN PARKING LOTS, POLES, BUILDINGS, AND TREES BEGINNING 641 FT FROM DER, 335 FT LEFT OF CENTERLINE, UP TO 34 FT AGL/693 FT MSL. SIGN, VEHICLES ON ROAD AND IN PARKING LOTS, POLES, BUILDINGS, AND TREES BEGINNING 651 FT FROM DER, 455 FT RIGHT OF CENTERLINE, UP TO 37 FT AGL/696 FT MSL. BUILDINGS, POLES, AND TREES BEGINNING 1597 FT FROM DER, 3 FT RIGHT OF CENTERLINE, UP TO 54 FT AGL/723 FT MSL. BUILDINGS, POLES, AND TREES BEGINNING 1667 FT FROM DER, 4 FT LEFT OF CENTERLINE, UP TO 47 FT AGL/716 FT MSL.

DALLAS EXECUTIVE

NOTE: RWY 13, REIL AND OBSTRUCTION LIGHT ON BLAST FENCE BEGINNING 19 FT FROM DER, 115 FT LEFT OF CENTERLINE, UP TO 10 FT AGL/658 FT MSL. REIL 20 FT FROM DER, 115 FT RIGHT OF CENTERLINE, 6 FT AGL/651 FT MSL.

NOTE: RWY 17, REIL 38 FT FROM DER, 116 FT RIGHT OF CENTERLINE, 5 FT AGL/663 FT MSL. REIL 40 FT FROM DER, 160 FT LEFT OF CENTERLINE, 5 FT AGL/664 FT MSL. TREES BEGINNING 61 FT FROM DER, 340 FT LEFT OF CENTERLINE, UP TO 63 FT AGL/702 FT MSL. TREES BEGINNING 113 FT FROM DER, 304 FT RIGHT OF CENTERLINE, UP TO 37 FT AGL/686 FT MSL. TOWER 2.2 NM FROM DER, 583 FT LEFT OF CENTERLINE, 314 FT AGL/1027 FT MSL.

NOTE: RWY 31, REIL 29 FT FROM DER, 152 FT LEFT OF CENTERLINE, 5 FT AGL/656 FT MSL. REIL 29 FT FROM DER, 151 FT RIGHT OF CENTERLINE, 5 FT AGL/658 FT MSL. TREES BEGINNING 11 FT FROM DER, 237 FT LEFT OF CENTERLINE, UP TO 29 FT AGL/700 FT MSL. TREES BEGINNING 23 FT FROM DER, 268 FT RIGHT OF CENTERLINE, UP TO 47 FT AGL/686 FT MSL. TREES BEGINNING 1095 FT FROM DER, 167 FT RIGHT OF CENTERLINE, UP TO 69 FT AGL/708 FT MSL. TREES BEGINNING 1560 FT FROM DER, 554 FT LEFT OF CENTERLINE, UP TO 71 FT AGL/740 FT MSL.

NOTE: RWY 35, TERRAIN AND REIL BEGINNING 4 FT FROM DER, 10 FT RIGHT OF CENTERLINE, UP TO 5 FT AGL/656 FT MSL. REIL 40 FT FROM DER, 118 FT LEFT OF CENTERLINE, 5 FT AGL/654 FT MSL. TREES BEGINNING 87 FT FROM DER, 302 FT LEFT OF CENTERLINE, UP TO 51 FT AGL/680 FT MSL. BUILDING AND TREES BEGINNING 82 FT FROM DER, 284 FT RIGHT OF CENTERLINE, UP TO 65 FT AGL/691 FT MSL.

COLLIN COUNTY RGNL AT MC KINNEY

NOTE: RWY 18, TREE 2445 FT FROM DER, 689 FT RIGHT OF CENTERLINE, 70 FT AGL/653 FT MSL.

NOTE: RWY 36, TREE 1126 FT FROM DER, 703 FT RIGHT OF CENTERLINE, 35 FT AGL/610 FT MSL

FORT WORTH ALLIANCE

NOTE: RWY 16L, LIGHT POLE 1285 FT FROM DER, 689 FT LEFT OF CENTERLINE, 49 FT AGL/697 FT MSL. TANK 1.8 NM FROM DER, 3121 FT RIGHT OF CENTERLINE, 148 FT AGL/954 FT MSL.

NOTE: RWY 16R, FENCE 4 FEET FROM DER, 249 FT RIGHT OF CENTERLINE, 8 FT AGL/669 FT MSL. TANK 1.8 NM FROM DER, 2520 FT RIGHT OF CENTERLINE, 148 FT AGL/954 FT MSL.

NOTE: RWY 34L, FENCE 8 FT FROM DER, 250 FT LEFT OF CENTERLINE, 5 FT AGL/719 FT MSL. RAILROAD BEGINNING 421 FT FROM DER, 287 FEET LEFT OF CENTERLINE, UP TO 23 FT AGL/738 FT MSL.

NOTE: RWY 34R, POLE 217 FT FROM DER, 145 FT LEFT OF CENTERLINE, 29 FT AGL/728 FT MSL.

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FORT WORTH MEACHAM INTL

NOTE: RWY 9, TERRAIN, WINDSOCK, FENCES, VEHICLES ON ROAD, BUILDINGS, POLES, AND TREES BEGINNING 4 FT FROM DER, 330 FT LEFT OF CENTERLINE, UP TO 46 FT AGL/721 FT MSL. VEHICLES ON ROAD, SIGNS, POLES, BUILDINGS, AND TREES BEGINNING 7 FT FROM DER, 216 FT RIGHT OF CENTERLINE, UP TO 33 FT AGL/707 FT MSL. SIGN AND TREES BEGINNING 640 FT FROM DER, 155 FT LEFT OF CENTERLINE, UP TO 43 FT AGL/708 FT MSL. TREES BEGINNING 972 FT FROM DER, 155 FT LEFT OF CENTERLINE, UP TO 63 FT AGL/720 FT MSL. ANTENNA AND SIGN BEGINNING 2450 FT FROM DER, 540 FT LEFT OF CENTERLINE, UP TO 131 FT AGL/803 FT MSL. ELEVATOR 1.2 NM FROM DER, 2211 FT LEFT OF CENTERLINE, 229 FT AGL/877 FT MSL.

NOTE: RWY 17, BUSHES 16 FT FROM DER, 160 FT RIGHT OF CENTERLINE, UP TO 3 FT AGL/674 FT MSL. LIGHT POLE 140 FT FROM DER, 454 FT LEFT OF CENTERLINE, 34 FT AGL/677 FT MSL. POLE, TOWER, HANGAR, BUILDINGS, TREES, AND ANTENNAS BEGINNING 531 FT FROM DER, 388 FT LEFT OF CENTERLINE, UP TO 59 FT AGL/722 FT MSL.

NOTE: RWY 27, TREES 237 FT FROM DER, 490 FT LEFT OF CENTERLINE, UP TO 36 FT AGL/685 FT MSL. TREES BEGINNING 750 FT FROM DER, 248 FT RIGHT OF CENTERLINE, UP TO 67 FT AGL/699 FT MSL. BUILDING AND TREES BEGINNING 1594 FT FROM DER, 610 FT LEFT OF CENTERLINE, UP TO 51 FT AGL/735 FT MSL.

NOTE: RWY 34, VEHICLES ON ROAD BEGINNING 4 FT FROM DER, 236 FT LEFT OF CENTERLINE, UP TO 17 FT AGL/722 FT MSL. POLES AND TREES BEGINNING 973 FT FROM DER, 681 FT RIGHT OF CENTERLINE, UP TO 30 FT AGL/746 FT MSL. LIGHT POLES BEGINNING 2468 FT FROM DER, 1138 FT RIGHT OF CENTERLINE, UP TO 47 FT AGL/787 FT MSL. BUILDING 1.5 NM FROM DER, 2768 FT RIGHT OF CENTERLINE, 256 FT AGL/970 FT MSL.

NOTE: RWY 35, VEHICLES ON ROAD AND TREES BEGINNING ABEAM DER, 294 FT LEFT OF CENTERLINE, UP TO 29 FT AGL/705 FT MSL. TERRAIN, FENCES, VEHICLES ON ROAD, AND POLES BEGINNING 20 FT FROM DER, 229 FT RIGHT OF CENTERLINE, UP TO 17 FT AGL/697 FT MSL. TERRAIN, DAM, FENCES, AND VEHICLES ON ROAD BEGINNING 979 FT FROM DER, 1 FT RIGHT OF CENTERLINE, UP TO 17 FT AGL/720 FT MSL. SIGN AND POLE BEGINNING 1531 FT FROM DER, 282 FT LEFT OF CENTERLINE, UP TO 62 FT AGL/755 FT MSL. TRANSMISSION TOWER 6006 FT FROM DER, 1294 FT LEFT OF CENTERLINE, 99 FT AGL/821 FT MSL. TRANSMISSION TOWER 1.0 NM FROM DER, 1957 FT LEFT OF CENTERLINE, 98 FT AGL/826 FT MSL.

FORT WORTH SPINKS

NOTE: RWY 17R, TREE 4909 FT FROM DER, 1556 FT LEFT OF CENTERLINE, 60 FT AGL/830 FT MSL.

ARLINGTON MUNI

NOTE: RWY 16, REILS BEGINNING 80 FT FROM DER, 126 FT LEFT OF CENTERLINE, UP TO 15 FT AGL/601 FT MSL. REILS BEGINNING 77 FT FROM DER, 126 FT RIGHT OF CENTERLINE, UP TO 19 FT AGL/603 FT MSL. TREES 593 FT FROM DER, 479 FT RIGHT OF CENTERLINE, UP TO 26 FT AGL/614 FT MSL. TRANSMISSION TOWER 3596 FT FROM DER, 1433 FT LEFT OF CENTERLINE, 112 FT AGL/702 FT MSL.

NOTE: RWY 34, TREES BEGINNING 228 FT FROM DER, 403 FT LEFT OF CENTERLINE, UP TO 35 FT AGL/654 FT MSL. TREES BEGINNING 1090 FT FROM DER, 439 FT RIGHT OF CENTERLINE, UP TO 61 FT AGL/670 FT MSL. TREES 1525 FT FROM DER, 339 FT LEFT OF CENTERLINE, UP TO 72 FT AGL/681 FT MSL.

DENTON MUNI

NOTE: RWY 18, VEHICLES ON ROAD BEGINNING 36 FT FROM DER, 274 FT LEFT OF CENTERLINE, UP TO 10 FT AGL/636 FT MSL. TREES BEGINNING 8 FT FROM DER, 381 FT RIGHT OF CENTERLINE, UP TO 27 FT AGL/636 FT MSL.

NOTE: RWY 36, TREES BEGINNING 88 FT FROM DER, 218 FT RIGHT OF CENTERLINE, UP TO 17 FT AGL/646 FT MSL. TREES 123 FT FROM DER, 217 FT LEFT OF CENTERLINE, UP TO 22 FT AGL/652 FT MSL. TREES BEGINNING 574 FT FROM DER, 517 FT RIGHT OF CENTERLINE, UP TO 43 FT AGL/682 FT MSL. TREES BEGINNING 864 FT FROM DER, 497 FT LEFT OF CENTERLINE, UP TO 43 FT AGL/672 FT MSL.

GRAND PRAIRIE MUNI

NOTE: RWY 17, ANTENNA, TOWER, VEHICLES ON ROAD, SIGN, POLE, AND TREES BEGINNING 190 FT FROM DER, 410 FT RIGHT OF CENTERLINE, UP TO 37 FT AGL/620 FT MSL.

LANCASTER RGNL

NOTE: RWY 31, TREES 888 FT FROM DER, 637 FT RIGHT OF CENTERLINE, UP TO 35 FT AGL/536 FT MSL. TREES BEGINNING 1133 FT FROM DER, 479 FT LEFT OF CENTERLINE, UP TO 45 FT AGL/541 FT MSL. TRANSMISSION TOWER 1.0 NM FROM DER, 1685 FT RIGHT OF CENTERLINE, 127 FT AGL/661 FT MSL.

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MESQUITE METRO

NOTE: RWY 17, FENCE AND TREES BEGINNING ABEAM DER, 362 FT LEFT OF CENTERLINE, UP TO 5 FT AGL/447 FT MSL. SIGN, VEHICLES ON ROAD, AND TREES BEGINNING 254 FT FROM DER, 453 FT LEFT OF CENTERLINE, UP TO 49 FT AGL/478 FT MSL.

NOTE: RWY 35, TREES BEGINNING 45 FT FROM DER, 389 FT RIGHT OF CENTERLINE, UP TO 29 FT AGL/452 FT MSL. POLE 814 FT FROM DER, 288 FT RIGHT OF CENTERLINE, 27 FT AGL/467 FT MSL. BUILDING, POLE, AND TREES BEGINNING 53 FT FROM DER, 497 FT LEFT OF CENTERLINE, UP TO 41 FT AGL/483 FT MSL.

CLEBURNE RGNL

NOTE: RWY 15, MULTIPLE POLES BEGINNING 952 FT FROM DER, 425 FT RIGHT OF CENTERLINE, UP TO 30 FT AGL/883 FT MSL. TREE 441 FT FROM DER, 501 FT RIGHT OF CENTERLINE, 55 FT AGL/868 FT MSL. POLE 1137 FT FROM DER, 742 FT LEFT OF CENTERLINE, 35 FT AGL/875 FT MSL.

NOTE: RWY 33, MULTIPLE TREES BEGINNING 602 FT FROM DER, 300 FT LEFT OF CENTERLINE, UP TO 55 FT AGL/873 FT MSL. WELL DRILLING RIG 3268 FT FROM DER, 123 FT LEFT OF CENTERLINE, 174 FT AGL/1043 FT MSL. WELL DRILLING RIG 1.2 NM FROM DER, 615 FT LEFT OF CENTERLINE, 104 FT AGL/976 FT MSL. TRANSMISSION POLE 1817 FT FROM DER, 183 FT LEFT OF CENTERLINE, 80 FT AGL/900 FT MSL.

DECATUR MUNI

NOTE: RWY 17, TREES AND POLES BEGINNING 120 FT FROM DER, 372 FT LEFT OF CENTERLINE, UP TO 51 FT AGL/1071 FT MSL. TERRAIN AND TREES BEGINNING 327 FT FROM DER, 452 FT RIGHT OF CENTERLINE, UP TO 18 FT AGL/1067 FT MSL. POLES 766 FT FROM DER, 45 FT RIGHT OF CENTERLINE, UP TO 33 FT AGL/1065 FT MSL. POLES 2287 FT FROM DER, 662 FT LEFT OF CENTERLINE, UP TO 54 FT AGL/1095 FT MSL. STACKS AND BUILDINGS BEGINNING 2495 FT FROM DER, 786 FT RIGHT OF CENTERLINE, UP TO 62 FT AGL/1112 FT MSL. TOWER 5149 FT FROM DER, 895 FT RIGHT OF CENTERLINE, 117 FT AGL/1173 FT MSL.

NOTE: RWY 35, TREES BEGINNING 378 FT FROM DER, 276 FT RIGHT OF CENTERLINE, UP TO 31 FT AGL/1050 FT MSL.

ENNIS MUNI

NOTE: RWY 15, VEHICLE ON ROAD 362 FT FROM DER, 561 FT RIGHT OF CENTERLINE, 15 FT AGL/494 FT MSL. TREES BEGINNING 870 FT FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 100 FT AGL/579 FT MSL.

NOTE: RWY 33, VEHICLES ON ROAD BEGINNING 423 FT FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 15 FT AGL/534 FT MSL. TREES BEGINNING 40 FT FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 100 FT AGL/609 FT MSL.

BOURLAND FIELD

NOTE: RWY 17, TREES BEGINNING 9 FT FROM DER, 87 FT RIGHT OF CENTERLINE, UP TO 60 FT AGL/886 FT MSL. TREES BEGINNING 17 FT FROM DER, 113 FT LEFT OF CENTERLINE, UP TO 57 FT AGL/886 FT MSL. TREES 188 FT FROM DER, 28 FT LEFT OF CENTERLINE, UP TO 15 FT AGL/844 FT MSL. TERRAIN, POLE, VEHICLES ON ROAD, AND TREES BEGINNING 680 FT FROM DER, 15 FT RIGHT OF CENTERLINE, UP TO 38 FT AGL/988 FT MSL. TERRAIN, VEHICLES ON ROAD, AND TREES BEGINNING 871 FT FROM DER, 10 FT LEFT OF CENTERLINE, UP TO 47 FT AGL/987 FT MSL. TREES 2723 FT FROM DER, 533 FT RIGHT OF CENTERLINE, UP TO 32 FT AGL/1011 FT MSL. TRANSMISSION TOWER 1.4 NM FROM DER, 2471 FT RIGHT OF CENTERLINE, 123 FT AGL/1123 FT MSL. TRANSMISSION TOWER 1.5 NM FROM DER, 2849 FT RIGHT OF CENTERLINE, 93 FT AGL/1092 FT MSL.

NOTE: RWY 35, TERRAIN, FENCES, VEHICLES IN PARKING LOT, VEHICLES ON ROAD, SIGNS, POLES, AND TREES BEGINNING 22 FT FROM DER, 30 FT LEFT OF CENTERLINE, UP TO 26 FT AGL/935 FT MSL. TERRAIN, FENCES, VEHICLES ON ROAD, POLES, TREES, AND SIGNS BEGINNING 165 FT FROM DER, 42 FT RIGHT OF CENTERLINE, UP TO 42 FT AGL/925 FT MSL. TERRAIN, VEHICLES IN PARKING LOT, VEHICLES ON ROAD, AND TREES BEGINNING 1013 FT FROM DER, 29 FT RIGHT OF CENTERLINE, UP TO 15 FT AGL/956 FT MSL. TERRAIN, VEHICLES IN PARKING LOT, VEHICLES ON ROAD, AND TREES BEGINNING 2606 FT FROM DER, 328 FT RIGHT OF CENTERLINE, UP TO 16 FT AGL/995 FT MSL. TERRAIN, VEHICLES IN PARKING LOT, VEHICLES ON ROAD, AND TREES BEGINNING 2433 FT FROM DER, 663 FT LEFT OF CENTERLINE, UP TO 17 FT AGL/1006 FT MSL.

MID-WAY RGNL

NOTE: RWY 18, VEHICLES ON ROAD, CATENARIES, AND POLES BEGINNING 159 FT FROM DER, 465 FT RIGHT OF CENTERLINE, UP TO 39 FT AGL/712 FT MSL. TREES BEGINNING 956 FT FROM DER, 594 FT LEFT OF CENTERLINE, UP TO 71 FT AGL/722 FT MSL.

NOTE: RWY 36, TREES BEGINNING 6 FT FROM DER, 334 FT LEFT OF CENTERLINE, UP TO 34 FT AGL/753 FT MSL. TREES BEGINNING 82 FT FROM DER, 251 FT RIGHT OF CENTERLINE, UP TO 40 FT AGL/759 FT MSL. CATENARIES AND TREES BEGINNING 1067 FT FROM DER, 629 FT LEFT OF CENTERLINE, UP TO 37 FT AGL/765 FT MSL.

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

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 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
HOWIG	ONE	HOWIG1.HOWIG	NONE		18 SEP 2014

RALPH M HALL/ROCKWALL MUNI

NOTE: RWY 17, VEHICLES ON ROAD BEGINNING 19 FT FROM DER, ON CENTERLINE AND LEFT AND RIGHT OF CENTERLINE, UP TO 15 FT AGL/584 FT MSL. TREES BEGINNING 128 FT FROM DER, 354 FT LEFT OF CENTERLINE, UP TO 30 FT AGL/599 FT MSL. TREES BEGINNING 135 FT FROM DER, 205 FT RIGHT OF CENTERLINE, UP TO 30 FT AGL/589 FT MSL. TREES BEGINNING 810 FT FROM DER, ON CENTERLINE AND LEFT AND RIGHT OF CENTERLINE, UP TO 100 FT AGL/679 FT MSL.

NOTE: RWY 35, TRANSMISSION LINE AND TRANSMISSION TOWERS BEGINNING 362 FT FROM DER, ON CENTERLINE AND LEFT AND RIGHT OF CENTERLINE, UP TO 91 FT AGL/607 FT MSL.

PARKER COUNTY

NOTE: RWY 17, TREES BEGINNING 430 FT FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 35 FT AGL/1016 FT MSL. HOUSES BEGINNING 952 FT FROM DER, 76 FT LEFT OF CENTERLINE, UP TO 30 FT AGL/1012 FT MSL. UTILITY POLES BEGINNING 1958 FT FROM DER, 185 FT RIGHT OF CENTERLINE, UP TO 55 FT AGL/1037 FT MSL.

NOTE: RWY 35, TREES BEGINNING 25 FT FROM DER, 176 FT LEFT OF CENTERLINE, UP TO 35 FT AGL/1014 FT MSL. VEHICLES ON ROAD 105 FT FROM DER, ACROSS CENTERLINE, 17 FT AGL/1007 FT MSL. SIGN AND POLE 193 FT FROM DER, 295 FT RIGHT OF CENTERLINE, 30 FT AGL/1008 FT MSL.

CONTROLLING OBSTACLES:**ADDISON**

RWY 15: 850 FT MSL BUILDING 325629.00N/0964925.00W. 975 FT MSL BUILDING 325540.81N/0964919.57W. 973 FT MSL BUILDING 325536.93N/0964906.47W

DALLAS EXECUTIVE

RWY 17: 1027 FT MSL TOWER 323817.80N/0965154.09W. 2549 FT MSL TOWER 323502.67N/0965748.75W.

RWY 13, 35: 2549 FT MSL TOWER 323502.67N/0965748.75W.

RWY 31: 2449 FT MSL TOWER 323506.00N/0965842.00W.

FORT WORTH ALLIANCE

RWY 16L: 954 FT MSL TANK 325641.21N/0971909.98W.

RWY 16R: 954 FT MSL TANK 325641.21N/0971909.98W. 1002 FT MSL TOWER 325653.00N/0971932.00W.

FORT WORTH MEACHAM INTL

RWY 9: 877 FT MSL ELEVATOR 324911.00N/0971946.00W. 1743 FT MSL TOWER 324501.00N/0971608.00W.

RWY 16, 17: 1743 FT MSL TOWER 324501.00N/0971608.00W.

RWY 34: 970 FT MSL BUILDING 325123.18N/0972128.11W.

RWY 35: 821 FT MSL TRANSMISSION TOWER 325026.45N/0972224.41W. 826 FT MSL TRANSMISSION TOWER 325026.78N/0972232.32W.

FORT WORTH SPINKS

RWY 17R: 1772 FT MSL TOWER 323212.00N/0972446.86W

ARLINGTON MUNI

RWY 16, 34: 2549 FT MSL TOWER 323502.67N/0965748.75W.

GRAND PRAIRIE MUNI

RWY 17: 2549 FT MSL TOWER 323502.67N/0965748.75W.

LANCASTER RGNL

RWY 31: 661 FT MSL TRANSMISSION TOWER 323601.76N/0964358.15W. 2549 FT MSL TOWER 323502.67N/0965748.75W.

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
HOWIG	ONE	HOWIG1.HOWIG	NONE		18 SEP 2014

RWY 33: 976 FT MSL WELL DRILLING RIG 322211.95N/0972629.30W. 1043 FT MSL WELL DRILLING RIG 322243.27N/0972649.63W.

DECATUR MUNI

RWY 17, 35: 2859 FT MSL TOWER 332312.00N/0973358.00W.

BOURLAND FIELD

RWY 17: 1011 FT MSL TREES 323407.39N/0973524.72W. 1123 FT MSL TRANSMISSION TOWER 323306.16N/0973536.73W. 1092 TRANSMISSION TOWER 323258.36N/0973539.81W.
1275 FT MSL TOWER 323156.00N/0973623.00W.

MID-WAY RGNL

RWY 18: 2449 FT MSL TOWER 323235.00N/0965733.00W.

RWY 36: 2549 FT MSL TOWER 323502.67N/0965748.75W.

PARKER COUNTY

RWY 35: 1418 FT MSL TOWER 324648.00N/0974155.00W.

LOST COMMUNICATIONS PROCEDURES:

ADDITIONAL FLIGHT DATA:

REFERENCE MAG VAR: KADS 5E EPOCH YEAR: 2000. DME/DME ASSESSMENT: SAT (RNP 2.0)

CHART: MEA/MOCA FROM BOWTT TO HOWIG, 8500/2300.

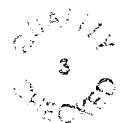
PILOT NAVIGATION AREA:

7 NM ARC CENTERED ON BOWTT (IF), CW

FROM: POINT A (BEARING 225 DEGREES TO BOWTT)

TO: POINT B (BEARING 315 DEGREES TO BOWTT)

MINIMUM ALTITUDE – 7000



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
HOWIG	ONE	HOWIG1.HOWIG	NONE		18 SEP 2014

AIRPORTS SERVED:

ADDISON
DALLAS EXECUTIVE
COLLIN COUNTY RGNL AT MC KINNEY
FORT WORTH ALLIANCE
FORT WORTH MEACHAM INTL
FORT WORTH SPINKS
FORT WORTH NAS JRB/CARSWELL FIELD
ARLINGTON MUNI
DENTON MUNI
GRAND PRAIRIE MUNI
LANCASTER RGNL
MESQUITE METRO
CLEBURNE RGNL
DECATUR MUNI
ENNIS MUNI
BOURLAND FIELD
MID-WAY RGNL
RALPH M HALL/ROCKWALL MUNI
PARKER COUNTY

DALLAS, TX
DALLAS, TX
DALLAS, TX
FORT WORTH, TX
FORT WORTH, TX
FORT WORTH, TX
FORT WORTH, TX
ARLINGTON, TX
DENTON, TX
GRAND PRAIRIE, TX
LANCASTER, TX
MESQUITE, TX
CLEBURNE, TX
DECATUR, TX
ENNIS, TX
FORT WORTH, TX
MIDLOTHIAN/WAXAHACHIE, TX
ROCKWALL, TX
WEATHERFORD, TX

COMMUNICATIONS:

ATIS: ADS, RBD, AFW, FTW, FWS, NFW. CLNC DEL: ADS, RBD, TKI, AFW, FTW, NFW, GKY, DTO.
GND CON: ADS, RBD, TKI, AFW, FTW, FWS, NFW, GKY, DTO, GPM. TOWER: ADS, RBD, TKI, AFW, FTW, FWS, NFW, GKY, DTO, GPM.
CTAF: ADS, RBD, TKI, FWS, GKY, DTO GPM, LNC, HQZ, 50F, CPT, F41, F46, JWY, LUD, WEA. DEP CON: ALL AIRPORTS.

FIXES AND/OR NAVAIDS:

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
HOWIG	ONE	HOWIG1.HOWIG	NONE		18 SEP 2014

REMARKS:

CHANGES:

ORIGINAL.

REASONS:

ATC REQUEST.

SEP 11 2014
11:04 AM
FAA

DEPARTURE (DATA RECORD)

DP Name		Number	DP Computer Code				Superseded Number	Dated	Effective Date
HOWIG		ONE	HOWIG1.HOWIG				NONE		18 SEP 2014
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
BOWTT	325712.00N/0972902.69W	Y	-	IF	-	-			
HOWIG	325753.68N/0973755.22W	Y	FB	TF	275.34	7.50			
HOWIG	325753.68N/0973755.22W	Y	-	IF	-	-			HOWIG1.ALIAN
HOOTT	324958.50N/0974401.79W	Y	FB	TF	213.08	9.43			
IAMUP	324712.31N/0981335.68W	Y	FB	TF	263.80	25.07			
ALIAN	324114.02N/0991323.24W	Y	FB	TF	263.53	50.79			
HOWIG	325753.68N/0973755.22W	Y	-	IF	-	-			HOWIG1.BRHMA
SNUCK	325529.83N/0974401.79W	Y	FB	TF	245.07	5.67			
WUDIE	330004.18N/0981348.75W	Y	FB	TF	280.46	25.47			
KATZZ	331203.68N/0993543.82W	Y	FB	TF	280.24	69.85			
BRHMA	333117.03N/1010235.41W	Y	FB	TF	285.17	75.24			
HOWIG	325753.68N/0973755.22W	Y	-	IF	-	-			HOWIG1.CIKAN
HOOTT	324958.50N/0974401.79W	Y	FB	TF	213.08	9.43			
JAGID	324446.26N/0981331.98W	Y	FB	TF	258.34	25.41			
WSTEX	323242.98N/0991953.04W	Y	FB	TF	258.18	57.30			
CIKAN	322900.00N/1001900.00W	Y	FB	TF	266.02	50.13			
HOWIG	325753.68N/0973755.22W	Y	-	IF	-	-			HOWIG1.DOSXX
HOOTT	324958.50N/0974401.79W	Y	FB	TF	213.08	9.43			
JAGID	324446.26N/0981331.98W	Y	FB	TF	258.34	25.41			
WSTEX	323242.98N/0991953.04W	Y	FB	TF	258.18	57.30			
DOSXX	322338.17N/0995655.90W	Y	FB	TF	254.04	32.63			
HOWIG	325753.68N/0973755.22W	Y	-	IF	-	-			HOWIG1.DYREK
POOBR	330135.28N/0974403.10W	Y	FB	TF	305.59	6.34			
WALIE	330903.43N/0981355.84W	Y	FB	TF	286.68	26.19			
HRPER	332746.50N/0993100.93W	Y	FB	TF	286.48	67.25			
DYREK	333927.59N/1001318.11W	Y	FB	TF	288.46	37.21			

QUALITY
3

QUALITY
CHECKED

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code		Superseded Number		Dated	Effective Date		
HOWIG	ONE	HOWIG1.HOWIG		NONE			18 SEP 2014		
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
HOWIG	325753.68N/0973755.22W	Y	-	IF	-	-			HOWIG1.HUDAD
EEORE	330731.10N/0974401.33W	Y	FB	TF	331.93	10.89			
BGLEE	331615.82N/0981351.51W	Y	FB	TF	289.36	26.51			
HUDAD	333652.04N/0992555.62W	Y	FB	TF	289.16	63.72			



DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
HOWIG	ONE	HOWIG1.HOWIG	NONE		18 SEP 2014

[illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP 50F K4DHOWIG15ALL	010BOWTTK4EA0E	IF								18000			
SUSAP 50F K4DHOWIG15ALL	020HOWIGK4EA0EE	010TF											
SUSAP 50F K4DHOWIG16ALIAN	010HOWIGK4EA0E	IF								18000			
SUSAP 50F K4DHOWIG16ALIAN	020HOOTTK4EA0E	010TF											
SUSAP 50F K4DHOWIG16ALIAN	030IAMUPK4EA0E	010TF											
SUSAP 50F K4DHOWIG16ALIAN	040ALIANK4EA0EE	010TF											
SUSAP 50F K4DHOWIG16BRHMA	010HOWIGK4EA0E	IF								18000			
SUSAP 50F K4DHOWIG16BRHMA	020SNUCKK4EA0E	010TF											
SUSAP 50F K4DHOWIG16BRHMA	030WUDIEK4EA0E	010TF											
SUSAP 50F K4DHOWIG16BRHMA	040KATZZK4EA0E	010TF											
SUSAP 50F K4DHOWIG16BRHMA	050BRHMAK4EA0EE	010TF											
SUSAP 50F K4DHOWIG16CIKAN	010HOWIGK4EA0E	IF								18000			

QUALITY
2

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
HOWIG	ONE	HOWIG1.HOWIG	NONE		18 SEP 2014
SUSAP 50F K4DHOWIG16CIKAN	020HOOTTK4EA0E	010TF			
SUSAP 50F K4DHOWIG16CIKAN	030JAGIDK4EA0E	010TF			
SUSAP 50F K4DHOWIG16CIKAN	040WSTEXK4EA0E	010TF			
SUSAP 50F K4DHOWIG16CIKAN	050CIKANK4EA0EE	010TF			
SUSAP 50F K4DHOWIG16DOSXX	010HOWIGK4EA0E	IF	18000		
SUSAP 50F K4DHOWIG16DOSXX	020HOOTTK4EA0E	010TF			
SUSAP 50F K4DHOWIG16DOSXX	030JAGIDK4EA0E	010TF			
SUSAP 50F K4DHOWIG16DOSXX	040WSTEXK4EA0E	010TF			
SUSAP 50F K4DHOWIG16DOSXX	050DOSXXK4EA0EE	010TF			
SUSAP 50F K4DHOWIG16DYREK	010HOWIGK4EA0E	IF	18000		
SUSAP 50F K4DHOWIG16DYREK	020POOBRK4EA0E	010TF			
SUSAP 50F K4DHOWIG16DYREK	030WALIEK4EA0E	010TF			
SUSAP 50F K4DHOWIG16DYREK	040HRPERK4EA0E	010TF			
SUSAP 50F K4DHOWIG16DYREK	050DYREKK4EA0EE	010TF			
SUSAP 50F K4DHOWIG16HUDAD	010HOWIGK4EA0E	IF	18000		
SUSAP 50F K4DHOWIG16HUDAD	020EEOREK4EA0E	010TF			
SUSAP 50F K4DHOWIG16HUDAD	030BGLEEK4EA0E	010TF			
SUSAP 50F K4DHOWIG16HUDAD	040HUDADK4EA0EE	010TF			

	1	2	3	4	5	6	7	8	9	0	1	2	3
RUNWAY	12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012												
SUSAP 50F K4GRW17	0040491654	N32351059W097352965-0900											
SUSAP 50F K4GRW35	0040493454	N32343693W097352366+0900											

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
HOWIG	ONE	HOWIG1.HOWIG	NONE		18 SEP 2014

ARINC SUMMARY - 424-18 - SID

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	ALL	BOWTT	010		IF		FB					
	ALL	HOWIG	020		TF		FB	1.0				
	ALIAN	HOWIG	010		IF		FB					
	ALIAN	HOOTT	020		TF		FB	1.0				
	ALIAN	IAMUP	030		TF		FB	1.0				
	ALIAN	ALIAN	040		TF		FB	1.0				
	BRHMA	HOWIG	010		IF		FB					
	BRHMA	SNUCK	020		TF		FB	1.0				
	BRHMA	WUDIE	030		TF		FB	1.0				
	BRHMA	KATZZ	040		TF		FB	1.0				
	BRHMA	BRHMA	050		TF		FB	1.0				
	CIKAN	HOWIG	010		IF		FB					
	CIKAN	HOOTT	020		TF		FB	1.0				
	CIKAN	JAGID	030		TF		FB	1.0				
	CIKAN	WSTEX	040		TF		FB	1.0				
	CIKAN	CIKAN	050		TF		FB	1.0				
	DOSXX	HOWIG	010		IF		FB					
	DOSXX	HOOTT	020		TF		FB	1.0				
	DOSXX	JAGID	030		TF		FB	1.0				
	DOSXX	WSTEX	040		TF		FB	1.0				
	DOSXX	DOSXX	050		TF		FB	1.0				
	DYREK	HOWIG	010		IF		FB					
	DYREK	POOBR	020		TF		FB	1.0				
	DYREK	WALIE	030		TF		FB	1.0				
	DYREK	HRPER	040		TF		FB	1.0				
	DYREK	DYREK	050		TF		FB	1.0				
	HUDAD	HOWIG	010		IF		FB					
	HUDAD	EEORE	020		TF		FB	1.0				
	HUDAD	BGLEE	030		TF		FB	1.0				
	HUDAD	HUDAD	040		TF		FB	1.0				

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	ALIAN	N324114.02	W0991323.24	N3241.234	W09913.387
	BGLEE	N331615.82	W0981351.51	N3316.264	W09813.859
	BOWTT	N325712.00	W0972902.69	N3257.200	W09729.045
	BRHMA	N333117.03	W1010235.41	N3331.284	W10102.590
	CIKAN	N322900.00	W1001900.00	N3229.000	W10019.000
	DOSXX	N322338.17	W0995655.90	N3223.636	W09956.932
	DYREK	N333927.59	W1001318.11	N3339.460	W10013.302
	EEORE	N330731.10	W0974401.33	N3307.518	W09744.022
	HOOTT	N324958.50	W0974401.79	N3249.975	W09744.030

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
HOWIG	ONE	HOWIG1.HOWIG	NONE		18 SEP 2014
HOWIG	N325753.68	W0973755.22	N3257.895	W09737.920	
HRPER	N332746.50	W0993100.93	N3327.775	W09931.016	
HUDAD	N333652.04	W0992555.62	N3336.867	W09925.927	
IAMUP	N324712.31	W0981335.68	N3247.205	W09813.595	
JAGID	N324446.26	W0981331.98	N3244.771	W09813.533	
KATZZ	N331203.68	W0993543.82	N3312.061	W09935.730	
POOBR	N330135.28	W0974403.10	N3301.588	W09744.052	
SNUCK	N325529.83	W0974401.79	N3255.497	W09744.030	
WALIE	N330903.43	W0981355.84	N3309.057	W09813.931	
WSTEX	N323242.98	W0991953.04	N3232.716	W09919.884	
WUDIE	N330004.18	W0981348.75	N3300.070	W09813.813	
RW17	N323510.59	W0973529.65	N3235.177	W09735.494	
RW35	N323436.93	W0973523.66	N3234.616	W09735.394	
RUNWAY DATA					
	THRESHOLD				
RWY	ELEVATION	TCH			
RW17	00870	40			
RW35	00838	40			

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
HOWIG	ONE	HOWIG1.HOWIG	NONE		18 SEP 2014

ARINC PACKET - 424-18 - SID

	1	2	3	4	5	6	7	8	9	0	1	2	3
WP	12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012												
	SUSAEENRT	ALIAN K40	W	H	N32411402W099132324			E0050	NAR	ALIAN			
	SUSAEENRT	BGLEE K40	W	H	N33161582W098135151			E0045	NAR	BGLEE			
	SUSAEENRT	BOWTT K40	W		N32571200W097290269			E0040	NAR	BOWTT			
	SUSAEENRT	BRHMA K40	W	H	N33311703W101023541			E0061	NAR	BRHMA			
	SUSAEENRT	CIKAN K40	W	H	N32290000W100190000			E0056	NAR	CIKAN			
	SUSAEENRT	DOSXX K40	W	H	N32233817W099565590			E0054	NAR	DOSXX			
	SUSAEENRT	DYREK K40	W	H	N33392759W100131811			E0056	NAR	DYREK			
	SUSAEENRT	EEORE K40	W		N33073110W097440133			E0042	NAR	EEORE			
	SUSAEENRT	HOOTT K40	W		N32495850W097440179			E0042	NAR	HOOTT			
	SUSAEENRT	HOWIG K40	W		N32575368W097375522			E0041	NAR	HOWIG			
	SUSAEENRT	HRPER K40	W	H	N33274650W099310093			E0052	NAR	HRPER			
	SUSAEENRT	HUDAD K40	W	H	N33365204W099255562			E0052	NAR	HUDAD			
	SUSAEENRT	IAMUP K40	W	H	N32471231W098133568			E0045	NAR	IAMUP			
	SUSAEENRT	JAGID K40	W	H	N32444626W098133198			E0046	NAR	JAGID			
	SUSAEENRT	KATZZ K40	W	H	N33120368W099354382			E0053	NAR	KATZZ			
	SUSAEENRT	POOBR K40	W		N33013528W097440310			E0042	NAR	POOBR			
	SUSAEENRT	SNUCK K40	W		N32552983W097440179			E0042	NAR	SNUCK			
	SUSAEENRT	WALIE K40	W	H	N33090343W098135584			E0045	NAR	WALIE			
	SUSAEENRT	WSTEX K40	W	H	N32324298W099195304			E0051	NAR	WSTEX			
	SUSAEENRT	WUDIE K40	W	H	N33000418W098134875			E0045	NAR	WUDIE			

	1	2	3	4	5	6	7	8	9	0	1	2	3
AIRPORT	12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012												
	SUSAP	KADSK4AADS	0	072YHN32580680W096501120E005000645			1800018000C	MNAR	ADDISON				

	1	2	3	4	5	6	7	8	9	0	1	2	3
SEGMENT	12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012												
	SUSAP	KADSK4DHOWIG15ALL	010BOWTTK4EA0E	IF						18000			
	SUSAP	KADSK4DHOWIG15ALL	020HOWIGK4EA0EE	010TF									
	SUSAP	KADSK4DHOWIG16ALIAN	010HOWIGK4EA0E	IF						18000			
	SUSAP	KADSK4DHOWIG16ALIAN	020HOOTTK4EA0E	010TF									
	SUSAP	KADSK4DHOWIG16ALIAN	030IAMUPK4EA0E	010TF									
	SUSAP	KADSK4DHOWIG16ALIAN	040ALIANK4EA0EE	010TF									
	SUSAP	KADSK4DHOWIG16BRHMA	010HOWIGK4EA0E	IF						18000			
	SUSAP	KADSK4DHOWIG16BRHMA	020SNUCKK4EA0E	010TF									
	SUSAP	KADSK4DHOWIG16BRHMA	030WUDIEK4EA0E	010TF									
	SUSAP	KADSK4DHOWIG16BRHMA	040KATZZK4EA0E	010TF									
	SUSAP	KADSK4DHOWIG16BRHMA	050BRHMAK4EA0EE	010TF									
	SUSAP	KADSK4DHOWIG16CIKAN	010HOWIGK4EA0E	IF						18000			

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
HOWIG	ONE	HOWIG1.HOWIG	NONE		18 SEP 2014

SUSAP	KADSK4DHOWIG16CIKAN	020HOOTTK4EA0E	010TF	
SUSAP	KADSK4DHOWIG16CIKAN	030JAGIDK4EA0E	010TF	
SUSAP	KADSK4DHOWIG16CIKAN	040WSTEXK4EA0E	010TF	
SUSAP	KADSK4DHOWIG16CIKAN	050CIKANK4EA0EE	010TF	
SUSAP	KADSK4DHOWIG16DOSXX	010HOWIGK4EA0E	IF	18000
SUSAP	KADSK4DHOWIG16DOSXX	020HOOTTK4EA0E	010TF	
SUSAP	KADSK4DHOWIG16DOSXX	030JAGIDK4EA0E	010TF	
SUSAP	KADSK4DHOWIG16DOSXX	040WSTEXK4EA0E	010TF	
SUSAP	KADSK4DHOWIG16DOSXX	050DOSXXK4EA0EE	010TF	
SUSAP	KADSK4DHOWIG16DYREK	010HOWIGK4EA0E	IF	18000
SUSAP	KADSK4DHOWIG16DYREK	020POOBRK4EA0E	010TF	
SUSAP	KADSK4DHOWIG16DYREK	030WALIEK4EA0E	010TF	
SUSAP	KADSK4DHOWIG16DYREK	040HRPERK4EA0E	010TF	
SUSAP	KADSK4DHOWIG16DYREK	050DYREKK4EA0EE	010TF	
SUSAP	KADSK4DHOWIG16HUDAD	010HOWIGK4EA0E	IF	18000
SUSAP	KADSK4DHOWIG16HUDAD	020EOREK4EA0E	010TF	
SUSAP	KADSK4DHOWIG16HUDAD	030BGLEEK4EA0E	010TF	
SUSAP	KADSK4DHOWIG16HUDAD	040HUDADK4EA0EE	010TF	

[illegible]

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
HOWIG	ONE	HOWIG1.HOWIG	NONE		18 SEP 2014

ARINC SUMMARY - 424-18 - SID

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
	ALL	BOWTT	010		IF		FB					
	ALL	HOWIG	020		TF		FB	1.0				
	ALIAN	HOWIG	010		IF		FB					
	ALIAN	HOOTT	020		TF		FB	1.0				
	ALIAN	IAMUP	030		TF		FB	1.0				
	ALIAN	ALIAN	040		TF		FB	1.0				
	BRHMA	HOWIG	010		IF		FB					
	BRHMA	SNUCK	020		TF		FB	1.0				
	BRHMA	WUDIE	030		TF		FB	1.0				
	BRHMA	KATZZ	040		TF		FB	1.0				
	BRHMA	BRHMA	050		TF		FB	1.0				
	CIKAN	HOWIG	010		IF		FB					
	CIKAN	HOOTT	020		TF		FB	1.0				
	CIKAN	JAGID	030		TF		FB	1.0				
	CIKAN	WSTEX	040		TF		FB	1.0				
	CIKAN	CIKAN	050		TF		FB	1.0				
	DOSXX	HOWIG	010		IF		FB					
	DOSXX	HOOTT	020		TF		FB	1.0				
	DOSXX	JAGID	030		TF		FB	1.0				
	DOSXX	WSTEX	040		TF		FB	1.0				
	DOSXX	DOSXX	050		TF		FB	1.0				
	DYREK	HOWIG	010		IF		FB					
	DYREK	POOBR	020		TF		FB	1.0				
	DYREK	WALIE	030		TF		FB	1.0				
	DYREK	HRPER	040		TF		FB	1.0				
	DYREK	DYREK	050		TF		FB	1.0				
	HUDAD	HOWIG	010		IF		FB					
	HUDAD	EEORE	020		TF		FB	1.0				
	HUDAD	BGLEE	030		TF		FB	1.0				
	HUDAD	HUDAD	040		TF		FB	1.0				

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	ALIAN	N324114.02	W0991323.24	N3241.234	W09913.387
	BGLEE	N331615.82	W0981351.51	N3316.264	W09813.859
	BOWTT	N325712.00	W0972902.69	N3257.200	W09729.045
	BRHMA	N333117.03	W1010235.41	N3331.284	W10102.590
	CIKAN	N322900.00	W1001900.00	N3229.000	W10019.000
	DOSXX	N322338.17	W0995655.90	N3223.636	W09956.932
	DYREK	N333927.59	W1001318.11	N3339.460	W10013.302
	EEORE	N330731.10	W0974401.33	N3307.518	W09744.022
	HOOTT	N324958.50	W0974401.79	N3249.975	W09744.030

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
HOWIG	ONE	HOWIG1.HOWIG	NONE		18 SEP 2014
HOWIG	N325753.68	W0973755.22	N3257.895	W09737.920	
HRPER	N332746.50	W0993100.93	N3327.775	W09931.016	
HUDAD	N333652.04	W0992555.62	N3336.867	W09925.927	
IAMUP	N324712.31	W0981335.68	N3247.205	W09813.595	
JAGID	N324446.26	W0981331.98	N3244.771	W09813.533	
KATZZ	N331203.68	W0993543.82	N3312.061	W09935.730	
POOBR	N330135.28	W0974403.10	N3301.588	W09744.052	
SNUCK	N325529.83	W0974401.79	N3255.497	W09744.030	
WALIE	N330903.43	W0981355.84	N3309.057	W09813.931	
WSTEX	N323242.98	W0991953.04	N3232.716	W09919.884	
WUDIE	N330004.18	W0981348.75	N3300.070	W09813.813	
RW15	N325831.14	W0965021.88	N3258.519	W09650.365	
RW33	N325740.53	W0964959.75	N3257.676	W09649.996	
RUNWAY DATA					
	THRESHOLD				
RWY	ELEVATION	TCH			
RW15	00634	52			
RW33	00639	54			

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
HOWIG	ONE	HOWIG1.HOWIG	NONE		18 SEP 2014

[illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP	KAFWK4D	HOWIG15	ALL	010BOWTTK4EA0E	IF					18000			
SUSAP	KAFWK4D	HOWIG15	ALL	020HOWIGK4EA0EE	010TF								
SUSAP	KAFWK4D	HOWIG16	ALIAN	010HOWIGK4EA0E	IF					18000			
SUSAP	KAFWK4D	HOWIG16	ALIAN	020HOOTTK4EA0E	010TF								
SUSAP	KAFWK4D	HOWIG16	ALIAN	030IAMUPK4EA0E	010TF								
SUSAP	KAFWK4D	HOWIG16	ALIAN	040ALIANK4EA0EE	010TF								
SUSAP	KAFWK4D	HOWIG16	BRHMA	010HOWIGK4EA0E	IF					18000			
SUSAP	KAFWK4D	HOWIG16	BRHMA	020SNUCKK4EA0E	010TF								
SUSAP	KAFWK4D	HOWIG16	BRHMA	030WUDIEK4EA0E	010TF								
SUSAP	KAFWK4D	HOWIG16	BRHMA	040KATZZK4EA0E	010TF								
SUSAP	KAFWK4D	HOWIG16	BRHMA	050BRHMAK4EA0EE	010TF								
SUSAP	KAFWK4D	HOWIG16	CIKAN	010HOWIGK4EA0E	IF					18000			

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
HOWIG	ONE	HOWIG1.HOWIG	NONE		18 SEP 2014

[illegible]

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
HOWIG	ONE	HOWIG1.HOWIG	NONE		18 SEP 2014

ARINC SUMMARY - 424-18 - SID

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
	ALL	BOWTT	010		IF		FB					
	ALL	HOWIG	020		TF		FB	1.0				
	ALIAN	HOWIG	010		IF		FB					
	ALIAN	HOOTT	020		TF		FB	1.0				
	ALIAN	IAMUP	030		TF		FB	1.0				
	ALIAN	ALIAN	040		TF		FB	1.0				
	BRHMA	HOWIG	010		IF		FB					
	BRHMA	SNUCK	020		TF		FB	1.0				
	BRHMA	WUDIE	030		TF		FB	1.0				
	BRHMA	KATZZ	040		TF		FB	1.0				
	BRHMA	BRHMA	050		TF		FB	1.0				
	CIKAN	HOWIG	010		IF		FB					
	CIKAN	HOOTT	020		TF		FB	1.0				
	CIKAN	JAGID	030		TF		FB	1.0				
	CIKAN	WSTEX	040		TF		FB	1.0				
	CIKAN	CIKAN	050		TF		FB	1.0				
	DOSXX	HOWIG	010		IF		FB					
	DOSXX	HOOTT	020		TF		FB	1.0				
	DOSXX	JAGID	030		TF		FB	1.0				
	DOSXX	WSTEX	040		TF		FB	1.0				
	DOSXX	DOSXX	050		TF		FB	1.0				
	DYREK	HOWIG	010		IF		FB					
	DYREK	POOBR	020		TF		FB	1.0				
	DYREK	WALIE	030		TF		FB	1.0				
	DYREK	HRPER	040		TF		FB	1.0				
	DYREK	DYREK	050		TF		FB	1.0				
	HUDAD	HOWIG	010		IF		FB					
	HUDAD	EEORE	020		TF		FB	1.0				
	HUDAD	BGLEE	030		TF		FB	1.0				
	HUDAD	HUDAD	040		TF		FB	1.0				

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	ALIAN	N324114.02	W0991323.24	N3241.234	W09913.387
	BGLEE	N331615.82	W0981351.51	N3316.264	W09813.859
	BOWTT	N325712.00	W0972902.69	N3257.200	W09729.045
	BRHMA	N333117.03	W1010235.41	N3331.284	W10102.590
	CIKAN	N322900.00	W1001900.00	N3229.000	W10019.000
	DOSXX	N322338.17	W0995655.90	N3223.636	W09956.932
	DYREK	N333927.59	W1001318.11	N3339.460	W10013.302
	EEORE	N330731.10	W0974401.33	N3307.518	W09744.022
	HOOTT	N324958.50	W0974401.79	N3249.975	W09744.030

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
HOWIG	ONE	HOWIG1.HOWIG	NONE		18 SEP 2014
HOWIG	N325753.68	W0973755.22	N3257.895	W09737.920	
HRPER	N332746.50	W0993100.93	N3327.775	W09931.016	
HUDAD	N333652.04	W0992555.62	N3336.867	W09925.927	
IAMUP	N324712.31	W0981335.68	N3247.205	W09813.595	
JAGID	N324446.26	W0981331.98	N3244.771	W09813.533	
KATZZ	N331203.68	W0993543.82	N3312.061	W09935.730	
POOBR	N330135.28	W0974403.10	N3301.588	W09744.052	
SNUCK	N325529.83	W0974401.79	N3255.497	W09744.030	
WALIE	N330903.43	W0981355.84	N3309.057	W09813.931	
WSTEX	N323242.98	W0991953.04	N3232.716	W09919.884	
WUDIE	N330004.18	W0981348.75	N3300.070	W09813.813	
RW16L	N325952.34	W0971911.93	N3259.872	W09719.199	
RW16R	N325946.44	W0971917.87	N3259.774	W09719.298	
RW34L	N325837.05	W0971903.67	N3258.618	W09719.061	
RW34R	N325832.30	W0971855.54	N3258.538	W09718.926	
RUNWAY DATA					
	RWY	THRESHOLD ELEVATION	TCH		
	RW16L	00715	58		
	RW16R	00714	75		
	RW34L	00668	75		
	RW34R	00664	58		

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
HOWIG	ONE	HOWIG1.HOWIG	NONE		18 SEP 2014

ARINC PACKET - 424-18 - SID

	1	2	3	4	5	6	7	8	9	0	1	2	3
WP	12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012												
	SUSAEENRT	ALIAN K40	W	H	N32411402W099132324			E0050	NAR	ALIAN			
	SUSAEENRT	BGLER K40	W	H	N33161582W098135151			E0045	NAR	BGLER			
	SUSAEENRT	BOWTT K40	W		N32571200W097290269			E0040	NAR	BOWTT			
	SUSAEENRT	BRHMA K40	W	H	N33311703W101023541			E0061	NAR	BRHMA			
	SUSAEENRT	CIKAN K40	W	H	N32290000W100190000			E0056	NAR	CIKAN			
	SUSAEENRT	DOSXX K40	W	H	N32233817W099565590			E0054	NAR	DOSXX			
	SUSAEENRT	DYREK K40	W	H	N33392759W100131811			E0056	NAR	DYREK			
	SUSAEENRT	EEORE K40	W		N33073110W097440133			E0042	NAR	EEORE			
	SUSAEENRT	HOOTT K40	W		N32495850W097440179			E0042	NAR	HOOTT			
	SUSAEENRT	HOWIG K40	W		N32575368W097375522			E0041	NAR	HOWIG			
	SUSAEENRT	HRPER K40	W	H	N33274650W099310093			E0052	NAR	HRPER			
	SUSAEENRT	HUDAD K40	W	H	N33365204W099255562			E0052	NAR	HUDAD			
	SUSAEENRT	IAMUP K40	W	H	N32471231W098133568			E0045	NAR	IAMUP			
	SUSAEENRT	JAGID K40	W	H	N32444626W098133198			E0045	NAR	JAGID			
	SUSAEENRT	KATZZ K40	W	H	N33120368W099354382			E0053	NAR	KATZZ			
	SUSAEENRT	POOBR K40	W		N33013528W097440310			E0042	NAR	POOBR			
	SUSAEENRT	SNUCK K40	W		N32552983W097440179			E0042	NAR	SNUCK			
	SUSAEENRT	WALIE K40	W	H	N33090343W098135584			E0045	NAR	WALIE			
	SUSAEENRT	WSTEX K40	W	H	N32324298W099195304			E0051	NAR	WSTEX			
	SUSAEENRT	WUDIE K40	W	H	N33000418W098134875			E0045	NAR	WUDIE			

	1	2	3	4	5	6	7	8	9	0	1	2	3
AIRPORT	12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012												
	SUSAP KCPTK4ACPT	0	056YHN32211350W097260150E006000854				1800018000C	MNAR	CLEBURNE	RGNL			

	1	2	3	4	5	6	7	8	9	0	1	2	3
SEGMENT	12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012												
	SUSAP KCPTK4DHOWIG15ALL	010BOWTTK4EA0E	IF							18000			
	SUSAP KCPTK4DHOWIG15ALL	020HOWIGK4EA0EE	010TF										
	SUSAP KCPTK4DHOWIG16ALIAN	010HOWIGK4EA0E	IF							18000			
	SUSAP KCPTK4DHOWIG16ALIAN	020HOOTTK4EA0E	010TF										
	SUSAP KCPTK4DHOWIG16ALIAN	030IAMUPK4EA0E	010TF										
	SUSAP KCPTK4DHOWIG16ALIAN	040ALIANK4EA0EE	010TF										
	SUSAP KCPTK4DHOWIG16BRHMA	010HOWIGK4EA0E	IF							18000			
	SUSAP KCPTK4DHOWIG16BRHMA	020SNUCKK4EA0E	010TF										
	SUSAP KCPTK4DHOWIG16BRHMA	030WUDIEK4EA0E	010TF										
	SUSAP KCPTK4DHOWIG16BRHMA	040KATZZK4EA0E	010TF										
	SUSAP KCPTK4DHOWIG16BRHMA	050BRHMAK4EA0EE	010TF										
	SUSAP KCPTK4DHOWIG16CIKAN	010HOWIGK4EA0E	IF							18000			

DEPARTURE (DATA RECORD)

[illegible]

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
HOWIG	ONE	HOWIG1.HOWIG	NONE		18 SEP 2014

ARINC SUMMARY - 424-18 - SID

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
	ALL	BOWTT	010		IF		FB					
	ALL	HOWIG	020		TF		FB	1.0				
	ALIAN	HOWIG	010		IF		FB					
	ALIAN	HOOTT	020		TF		FB	1.0				
	ALIAN	IAMUP	030		TF		FB	1.0				
	ALIAN	ALIAN	040		TF		FB	1.0				
	BRHMA	HOWIG	010		IF		FB					
	BRHMA	SNUCK	020		TF		FB	1.0				
	BRHMA	WUDIE	030		TF		FB	1.0				
	BRHMA	KATZZ	040		TF		FB	1.0				
	BRHMA	BRHMA	050		TF		FB	1.0				
	CIKAN	HOWIG	010		IF		FB					
	CIKAN	HOOTT	020		TF		FB	1.0				
	CIKAN	JAGID	030		TF		FB	1.0				
	CIKAN	WSTEX	040		TF		FB	1.0				
	CIKAN	CIKAN	050		TF		FB	1.0				
	DOSXX	HOWIG	010		IF		FB					
	DOSXX	HOOTT	020		TF		FB	1.0				
	DOSXX	JAGID	030		TF		FB	1.0				
	DOSXX	WSTEX	040		TF		FB	1.0				
	DOSXX	DOSXX	050		TF		FB	1.0				
	DYREK	HOWIG	010		IF		FB					
	DYREK	POOBR	020		TF		FB	1.0				
	DYREK	WALIE	030		TF		FB	1.0				
	DYREK	HRPER	040		TF		FB	1.0				
	DYREK	DYREK	050		TF		FB	1.0				
	HUDAD	HOWIG	010		IF		FB					
	HUDAD	EEORE	020		TF		FB	1.0				
	HUDAD	BGLEE	030		TF		FB	1.0				
	HUDAD	HUDAD	040		TF		FB	1.0				

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	ALIAN	N324114.02	W0991323.24	N3241.234	W09913.387
	BGLEE	N331615.82	W0981351.51	N3316.264	W09813.859
	BOWTT	N325712.00	W0972902.69	N3257.200	W09729.045
	BRHMA	N333117.03	W1010235.41	N3331.284	W10102.590
	CIKAN	N322900.00	W1001900.00	N3229.000	W10019.000
	DOSXX	N322338.17	W0995655.90	N3223.636	W09956.932
	DYREK	N333927.59	W1001318.11	N3339.460	W10013.302
	EEORE	N330731.10	W0974401.33	N3307.518	W09744.022
	HOOTT	N324958.50	W0974401.79	N3249.975	W09744.030

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
HOWIG	ONE	HOWIG1.HOWIG	NONE		18 SEP 2014
HOWIG	N325753.68	W0973755.22	N3257.895	W09737.920	
HRPER	N332746.50	W0993100.93	N3327.775	W09931.016	
HUDAD	N333652.04	W0992555.62	N3336.867	W09925.927	
IAMUP	N324712.31	W0981335.68	N3247.205	W09813.595	
JAGID	N324446.26	W0981331.98	N3244.771	W09813.533	
KATZZ	N331203.68	W0993543.82	N3312.061	W09935.730	
POOBR	N330135.28	W0974403.10	N3301.588	W09744.052	
SNUCK	N325529.83	W0974401.79	N3255.497	W09744.030	
WALIE	N330903.43	W0981355.84	N3309.057	W09813.931	
WSTEX	N323242.98	W0991953.04	N3232.716	W09919.884	
WUDIE	N330004.18	W0981348.75	N3300.070	W09813.813	
RW15	N322138.16	W0972612.51	N3221.636	W09726.209	
RW33	N322047.18	W0972549.70	N3220.786	W09725.828	
RUNWAY DATA					
	THRESHOLD				
RWY	ELEVATION	TCH			
RW15	00854	39			
RW33	00845	40			

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
HOWIG	ONE	HOWIG1.HOWIG	NONE		18 SEP 2014

ARINC PACKET - 424-18 - SID

	1	2	3	4	5	6	7	8	9	0	1	2	3
WP	123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012												
	SUSAEENRT	ALIAN K40	W	H	N32411402W099132324			E0050	NAR	ALIAN			
	SUSAEENRT	BGLEE K40	W	H	N33161582W098135151			E0045	NAR	BGLEE			
	SUSAEENRT	BOWTT K40	W		N32571200W097290269			E0040	NAR	BOWTT			
	SUSAEENRT	BRHMA K40	W	H	N33311703W101023541			E0061	NAR	BRHMA			
	SUSAEENRT	CIKAN K40	W	H	N32290000W100190000			E0056	NAR	CIKAN			
	SUSAEENRT	DOSXX K40	W	H	N32233817W099565590			E0054	NAR	DOSXX			
	SUSAEENRT	DYREK K40	W	H	N33392759W100131811			E0056	NAR	DYREK			
	SUSAEENRT	EEORE K40	W		N33073110W097440133			E0042	NAR	EEORE			
	SUSAEENRT	HOOTT K40	W		N32495850W097440179			E0042	NAR	HOOTT			
	SUSAEENRT	HOWIG K40	W		N32575368W097375522			E0041	NAR	HOWIG			
	SUSAEENRT	HRPER K40	W	H	N33274650W099310093			E0052	NAR	HRPER			
	SUSAEENRT	HUDAD K40	W	H	N33365204W099255562			E0052	NAR	HUDAD			
	SUSAEENRT	IAMUP K40	W	H	N32471231W098133568			E0045	NAR	IAMUP			
	SUSAEENRT	JAGID K40	W	H	N32444626W098133198			E0045	NAR	JAGID			
	SUSAEENRT	KATZZ K40	W	H	N33120368W099354382			E0053	NAR	KATZZ			
	SUSAEENRT	POOBR K40	W		N33013528W097440310			E0042	NAR	POOBR			
	SUSAEENRT	SNUCK K40	W		N32552983W097440179			E0042	NAR	SNUCK			
	SUSAEENRT	WALIE K40	W	H	N33090343W098135584			E0045	NAR	WALIE			
	SUSAEENRT	WSTEX K40	W	H	N32324298W099195304			E0051	NAR	WSTEX			
	SUSAEENRT	WUDIE K40	W	H	N33000418W098134875			E0045	NAR	WUDIE			

	1	2	3	4	5	6	7	8	9	0	1	2	3
AIRPORT	123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012												
	SUSAP KDTOK4ADTO	0	070YHN33120756W097115261E004000642					1800018000C	MNAR	DENTON MUNI			

	1	2	3	4	5	6	7	8	9	0	1	2	3
SEGMENT	123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012												
	SUSAP KDTOK4DHOWIG15ALL	010BOWTTK4EA0E	IF							18000			
	SUSAP KDTOK4DHOWIG15ALL	020HOWIGK4EA0EE	010TF										
	SUSAP KDTOK4DHOWIG16ALIAN	010HOWIGK4EA0E	IF							18000			
	SUSAP KDTOK4DHOWIG16ALIAN	020HOOTTK4EA0E	010TF										
	SUSAP KDTOK4DHOWIG16ALIAN	030IAMUPK4EA0E	010TF										
	SUSAP KDTOK4DHOWIG16ALIAN	040ALIANK4EA0EE	010TF										
	SUSAP KDTOK4DHOWIG16BRHMA	010HOWIGK4EA0E	IF							18000			
	SUSAP KDTOK4DHOWIG16BRHMA	020SNUCKK4EA0E	010TF										
	SUSAP KDTOK4DHOWIG16BRHMA	030WUDIEK4EA0E	010TF										
	SUSAP KDTOK4DHOWIG16BRHMA	040KATZZK4EA0E	010TF										
	SUSAP KDTOK4DHOWIG16BRHMA	050BRHMAK4EA0EE	010TF										
	SUSAP KDTOK4DHOWIG16CIKAN	010HOWIGK4EA0E	IF							18000			

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
HOWIG	ONE	HOWIG1.HOWIG	NONE		18 SEP 2014

[illegible]

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
HOWIG	ONE	HOWIG1.HOWIG	NONE		18 SEP 2014

ARINC SUMMARY - 424-18 - SID

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
	ALL	BOWTT	010		IF		FB					
	ALL	HOWIG	020		TF		FB	1.0				
	ALIAN	HOWIG	010		IF		FB					
	ALIAN	HOOTT	020		TF		FB	1.0				
	ALIAN	IAMUP	030		TF		FB	1.0				
	ALIAN	ALIAN	040		TF		FB	1.0				
	BRHMA	HOWIG	010		IF		FB					
	BRHMA	SNUCK	020		TF		FB	1.0				
	BRHMA	WUDIE	030		TF		FB	1.0				
	BRHMA	KATZZ	040		TF		FB	1.0				
	BRHMA	BRHMA	050		TF		FB	1.0				
	CIKAN	HOWIG	010		IF		FB					
	CIKAN	HOOTT	020		TF		FB	1.0				
	CIKAN	JAGID	030		TF		FB	1.0				
	CIKAN	WSTEX	040		TF		FB	1.0				
	CIKAN	CIKAN	050		TF		FB	1.0				
	DOSXX	HOWIG	010		IF		FB					
	DOSXX	HOOTT	020		TF		FB	1.0				
	DOSXX	JAGID	030		TF		FB	1.0				
	DOSXX	WSTEX	040		TF		FB	1.0				
	DOSXX	DOSXX	050		TF		FB	1.0				
	DYREK	HOWIG	010		IF		FB					
	DYREK	POOBR	020		TF		FB	1.0				
	DYREK	WALIE	030		TF		FB	1.0				
	DYREK	HRPER	040		TF		FB	1.0				
	DYREK	DYREK	050		TF		FB	1.0				
	HUDAD	HOWIG	010		IF		FB					
	HUDAD	EEORE	020		TF		FB	1.0				
	HUDAD	BGLEE	030		TF		FB	1.0				
	HUDAD	HUDAD	040		TF		FB	1.0				

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	ALIAN	N324114.02	W0991323.24	N3241.234	W09913.387
	BGLEE	N331615.82	W0981351.51	N3316.264	W09813.859
	BOWTT	N325712.00	W0972902.69	N3257.200	W09729.045
	BRHMA	N333117.03	W1010235.41	N3331.284	W10102.590
	CIKAN	N322900.00	W1001900.00	N3229.000	W10019.000
	DOSXX	N322338.17	W0995655.90	N3223.636	W09956.932
	DYREK	N333927.59	W1001318.11	N3339.460	W10013.302
	EEORE	N330731.10	W0974401.33	N3307.518	W09744.022
	HOOTT	N324958.50	W0974401.79	N3249.975	W09744.030

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
HOWIG	ONE	HOWIG1.HOWIG	NONE		18 SEP 2014
HOWIG	N325753.68	W0973755.22	N3257.895	W09737.920	
HRPER	N332746.50	W0993100.93	N3327.775	W09931.016	
HUDAD	N333652.04	W0992555.62	N3336.867	W09925.927	
IAMUP	N324712.31	W0981335.68	N3247.205	W09813.595	
JAGID	N324446.26	W0981331.98	N3244.771	W09813.533	
KATZZ	N331203.68	W0993543.82	N3312.061	W09935.730	
POOBR	N330135.28	W0974403.10	N3301.588	W09744.052	
SNUCK	N325529.83	W0974401.79	N3255.497	W09744.030	
WALIE	N330903.43	W0981355.84	N3309.057	W09813.931	
WSTEX	N323242.98	W0991953.04	N3232.716	W09919.884	
WUDIE	N330004.18	W0981348.75	N3300.070	W09813.813	
RW18	N331242.19	W0971151.84	N3312.703	W09711.864	
RW36	N331133.92	W0971153.35	N3311.565	W09711.889	
RUNWAY DATA					
	THRESHOLD				
RWY	ELEVATION	TCH			
RW18	00639	53			
RW36	00627	50			

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
HOWIG	ONE	HOWIG1.HOWIG	NONE		18 SEP 2014

[illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP F41	K4DHOWIG15ALL	010BOWTTK4EA0E	IF							18000			
SUSAP F41	K4DHOWIG15ALL	020HOWIGK4EA0EE	010TF										
SUSAP F41	K4DHOWIG16ALIAN	010HOWIGK4EA0E	IF							18000			
SUSAP F41	K4DHOWIG16ALIAN	020HOOTTK4EA0E	010TF										
SUSAP F41	K4DHOWIG16ALIAN	030IAMUPK4EA0E	010TF										
SUSAP F41	K4DHOWIG16ALIAN	040ALIANK4EA0EE	010TF										
SUSAP F41	K4DHOWIG16BRHMA	010HOWIGK4EA0E	IF							18000			
SUSAP F41	K4DHOWIG16BRHMA	020SNUCKK4EA0E	010TF										
SUSAP F41	K4DHOWIG16BRHMA	030WUDIEK4EA0E	010TF										
SUSAP F41	K4DHOWIG16BRHMA	040KATZZK4EA0E	010TF										
SUSAP F41	K4DHOWIG16BRHMA	050BRHMAK4EA0EE	010TF										
SUSAP F41	K4DHOWIG16CIKAN	010HOWIGK4EA0E	IF							18000			

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
HOWIG	ONE	HOWIG1.HOWIG	NONE		18 SEP 2014
SUSAP F41 K4DHOWIG16CIKAN	020HOOTTK4EA0E	010TF			
SUSAP F41 K4DHOWIG16CIKAN	030JAGIDK4EA0E	010TF			
SUSAP F41 K4DHOWIG16CIKAN	040WSTEXK4EA0E	010TF			
SUSAP F41 K4DHOWIG16CIKAN	050CIKANK4EA0EE	010TF			
SUSAP F41 K4DHOWIG16DOSXX	010HOWIGK4EA0E	IF	18000		
SUSAP F41 K4DHOWIG16DOSXX	020HOOTTK4EA0E	010TF			
SUSAP F41 K4DHOWIG16DOSXX	030JAGIDK4EA0E	010TF			
SUSAP F41 K4DHOWIG16DOSXX	040WSTEXK4EA0E	010TF			
SUSAP F41 K4DHOWIG16DOSXX	050DOSXXK4EA0EE	010TF			
SUSAP F41 K4DHOWIG16DYREK	010HOWIGK4EA0E	IF	18000		
SUSAP F41 K4DHOWIG16DYREK	020POOBRK4EA0E	010TF			
SUSAP F41 K4DHOWIG16DYREK	030WALIEK4EA0E	010TF			
SUSAP F41 K4DHOWIG16DYREK	040HRPERK4EA0E	010TF			
SUSAP F41 K4DHOWIG16DYREK	050DYREKK4EA0EE	010TF			
SUSAP F41 K4DHOWIG16HUDAD	010HOWIGK4EA0E	IF	18000		
SUSAP F41 K4DHOWIG16HUDAD	020EEOREK4EA0E	010TF			
SUSAP F41 K4DHOWIG16HUDAD	030BGLEEK4EA0E	010TF			
SUSAP F41 K4DHOWIG16HUDAD	040HUDADK4EA0EE	010TF			

RUNWAY	12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012				
SUSAP F41 K4GRW15	0039991555 N32200568W096395744-0600	+0126500500000035050V			
SUSAP F41 K4GRW33	0039993355 N32193055W096394358+0600	+0119300477025535050V			

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
HOWIG	ONE	HOWIG1.HOWIG	NONE		18 SEP 2014

ARINC SUMMARY - 424-18 - SID

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
	ALL	BOWTT	010		IF		FB					
	ALL	HOWIG	020		TF		FB	1.0				
	ALIAN	HOWIG	010		IF		FB					
	ALIAN	HOOTT	020		TF		FB	1.0				
	ALIAN	IAMUP	030		TF		FB	1.0				
	ALIAN	ALIAN	040		TF		FB	1.0				
	BRHMA	HOWIG	010		IF		FB					
	BRHMA	SNUCK	020		TF		FB	1.0				
	BRHMA	WUDIE	030		TF		FB	1.0				
	BRHMA	KATZZ	040		TF		FB	1.0				
	BRHMA	BRHMA	050		TF		FB	1.0				
	CIKAN	HOWIG	010		IF		FB					
	CIKAN	HOOTT	020		TF		FB	1.0				
	CIKAN	JAGID	030		TF		FB	1.0				
	CIKAN	WSTEX	040		TF		FB	1.0				
	CIKAN	CIKAN	050		TF		FB	1.0				
	DOSXX	HOWIG	010		IF		FB					
	DOSXX	HOOTT	020		TF		FB	1.0				
	DOSXX	JAGID	030		TF		FB	1.0				
	DOSXX	WSTEX	040		TF		FB	1.0				
	DOSXX	DOSXX	050		TF		FB	1.0				
	DYREK	HOWIG	010		IF		FB					
	DYREK	POOBR	020		TF		FB	1.0				
	DYREK	WALIE	030		TF		FB	1.0				
	DYREK	HRPER	040		TF		FB	1.0				
	DYREK	DYREK	050		TF		FB	1.0				
	HUDAD	HOWIG	010		IF		FB					
	HUDAD	EEORE	020		TF		FB	1.0				
	HUDAD	BGLEE	030		TF		FB	1.0				
	HUDAD	HUDAD	040		TF		FB	1.0				

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	ALIAN	N324114.02	W0991323.24	N3241.234	W09913.387
	BGLEE	N331615.82	W0981351.51	N3316.264	W09813.859
	BOWTT	N325712.00	W0972902.69	N3257.200	W09729.045
	BRHMA	N333117.03	W1010235.41	N3331.284	W10102.590
	CIKAN	N322900.00	W1001900.00	N3229.000	W10019.000
	DOSXX	N322338.17	W0995655.90	N3223.636	W09956.932
	DYREK	N333927.59	W1001318.11	N3339.460	W10013.302
	EEORE	N330731.10	W0974401.33	N3307.518	W09744.022
	HOOTT	N324958.50	W0974401.79	N3249.975	W09744.030

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
HOWIG	ONE	HOWIG1.HOWIG	NONE		18 SEP 2014
HOWIG	N325753.68	W0973755.22	N3257.895	W09737.920	
HRPER	N332746.50	W0993100.93	N3327.775	W09931.016	
HUDAD	N333652.04	W0992555.62	N3336.867	W09925.927	
IAMUP	N324712.31	W0981335.68	N3247.205	W09813.595	
JAGID	N324446.26	W0981331.98	N3244.771	W09813.533	
KATZZ	N331203.68	W0993543.82	N3312.061	W09935.730	
POOBR	N330135.28	W0974403.10	N3301.588	W09744.052	
SNUCK	N325529.83	W0974401.79	N3255.497	W09744.030	
WALIE	N330903.43	W0981355.84	N3309.057	W09813.931	
WSTEX	N323242.98	W0991953.04	N3232.716	W09919.884	
WUDIE	N330004.18	W0981348.75	N3300.070	W09813.813	
RW15	N322005.68	W0963957.44	N3220.095	W09639.957	
RW33	N321930.55	W0963943.58	N3219.509	W09639.726	
RUNWAY DATA					
	THRESHOLD				
RWY	ELEVATION	TCH			
RW15	00500	35			
RW33	00477	35			

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
HOWIG	ONE	HOWIG1.HOWIG	NONE		18 SEP 2014

[illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP F46 K4DHOWIG15ALL 010BOWTTK4EA0E					IF					18000			
SUSAP F46 K4DHOWIG15ALL 020HOWIGK4EA0EE					010TF								
SUSAP F46 K4DHOWIG16ALIAN 010HOWIGK4EA0E					IF					18000			
SUSAP F46 K4DHOWIG16ALIAN 020HOOTTK4EA0E					010TF								
SUSAP F46 K4DHOWIG16ALIAN 030IAMUPK4EA0E					010TF								
SUSAP F46 K4DHOWIG16ALIAN 040ALIANK4EA0EE					010TF								
SUSAP F46 K4DHOWIG16BRHMA 010HOWIGK4EA0E					IF					18000			
SUSAP F46 K4DHOWIG16BRHMA 020SNUCKK4EA0E					010TF								
SUSAP F46 K4DHOWIG16BRHMA 030WUDIEK4EA0E					010TF								
SUSAP F46 K4DHOWIG16BRHMA 040KATZZK4EA0E					010TF								
SUSAP F46 K4DHOWIG16BRHMA 050BRHMAK4EA0EE					010TF								
SUSAP F46 K4DHOWIG16CIKAN 010HOWIGK4EA0E					IF					18000			

DEPARTURE (DATA RECORD)

[illegible]

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
HOWIG	ONE	HOWIG1.HOWIG	NONE		18 SEP 2014

ARINC SUMMARY - 424-18 - SID

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
	ALL	BOWTT	010		IF		FB					
	ALL	HOWIG	020		TF		FB	1.0				
	ALIAN	HOWIG	010		IF		FB					
	ALIAN	HOOTT	020		TF		FB	1.0				
	ALIAN	IAMUP	030		TF		FB	1.0				
	ALIAN	ALIAN	040		TF		FB	1.0				
	BRHMA	HOWIG	010		IF		FB					
	BRHMA	SNUCK	020		TF		FB	1.0				
	BRHMA	WUDIE	030		TF		FB	1.0				
	BRHMA	KATZZ	040		TF		FB	1.0				
	BRHMA	BRHMA	050		TF		FB	1.0				
	CIKAN	HOWIG	010		IF		FB					
	CIKAN	HOOTT	020		TF		FB	1.0				
	CIKAN	JAGID	030		TF		FB	1.0				
	CIKAN	WSTEX	040		TF		FB	1.0				
	CIKAN	CIKAN	050		TF		FB	1.0				
	DOSXX	HOWIG	010		IF		FB					
	DOSXX	HOOTT	020		TF		FB	1.0				
	DOSXX	JAGID	030		TF		FB	1.0				
	DOSXX	WSTEX	040		TF		FB	1.0				
	DOSXX	DOSXX	050		TF		FB	1.0				
	DYREK	HOWIG	010		IF		FB					
	DYREK	POOBR	020		TF		FB	1.0				
	DYREK	WALIE	030		TF		FB	1.0				
	DYREK	HRPER	040		TF		FB	1.0				
	DYREK	DYREK	050		TF		FB	1.0				
	HUDAD	HOWIG	010		IF		FB					
	HUDAD	EEORE	020		TF		FB	1.0				
	HUDAD	BGLEE	030		TF		FB	1.0				
	HUDAD	HUDAD	040		TF		FB	1.0				

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	ALIAN	N324114.02	W0991323.24	N3241.234	W09913.387
	BGLEE	N331615.82	W0981351.51	N3316.264	W09813.859
	BOWTT	N325712.00	W0972902.69	N3257.200	W09729.045
	BRHMA	N333117.03	W1010235.41	N3331.284	W10102.590
	CIKAN	N322900.00	W1001900.00	N3229.000	W10019.000
	DOSXX	N322338.17	W0995655.90	N3223.636	W09956.932
	DYREK	N333927.59	W1001318.11	N3339.460	W10013.302
	EEORE	N330731.10	W0974401.33	N3307.518	W09744.022
	HOOTT	N324958.50	W0974401.79	N3249.975	W09744.030

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
HOWIG	ONE	HOWIG1.HOWIG	NONE		18 SEP 2014
HOWIG	N325753.68	W0973755.22	N3257.895	W09737.920	
HRPER	N332746.50	W0993100.93	N3327.775	W09931.016	
HUDAD	N333652.04	W0992555.62	N3336.867	W09925.927	
IAMUP	N324712.31	W0981335.68	N3247.205	W09813.595	
JAGID	N324446.26	W0981331.98	N3244.771	W09813.533	
KATZZ	N331203.68	W0993543.82	N3312.061	W09935.730	
POOBR	N330135.28	W0974403.10	N3301.588	W09744.052	
SNUCK	N325529.83	W0974401.79	N3255.497	W09744.030	
WALIE	N330903.43	W0981355.84	N3309.057	W09813.931	
WSTEX	N323242.98	W0991953.04	N3232.716	W09919.884	
WUDIE	N330004.18	W0981348.75	N3300.070	W09813.813	
RW17	N325602.07	W0962609.59	N3256.035	W09626.160	
RW35	N325536.44	W0962605.56	N3255.607	W09626.093	
RUNWAY DATA					
	THRESHOLD				
RWY	ELEVATION	TCH			
RW17	00565	40			
RW35	00563	40			

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
HOWIG	ONE	HOWIG1.HOWIG	NONE		18 SEP 2014

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200	201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223	224	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239	240	241	242	243	244	245	246	247	248	249	250	251	252	253	254	255	256	257	258	259	260	261	262	263	264	265	266	267	268	269	270	271	272	273	274	275	276	277	278	279	280	281	282	283	284	285	286	287	288	289	290	291	292	293	294	295	296	297	298	299	300	301	302	303	304	305	306	307	308	309	310	311	312	313	314	315	316	317	318	319	320	321	322	323	324	325	326	327	328	329	330	331	332	333	334	335	336	337	338	339	340	341	342	343	344	345	346	347	348	349	350	351	352	353	354	355	356	357	358	359	360	361	362	363	364	365	366	367	368	369	370	371	372	373	374	375	376	377	378	379	380	381	382	383	384	385	386	387	388	389	390	391	392	393	394	395	396	397	398	399	400	401	402	403	404	405	406	407	408	409	410	411	412	413	414	415	416	417	418	419	420	421	422	423	424	425	426	427	428	429	430	431	432	433	434	435	436	437	438	439	440	441	442	443	444	445	446	447	448	449	450	451	452	453	454	455	456	457	458	459	460	461	462	463	464	465	466	467	468	469	470	471	472	473	474	475	476	477	478	479	480	481	482	483	484	485	486	487	488	489	490	491	492	493	494	495	496	497	498	499	500	501	502	503	504	505	506	507	508	509	510	511	512	513	514	515	516	517	518	519	520	521	522	523	52
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[illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP	KFTWK4D	HOWIG15	ALL	010BOWTTK4EA0E	IF					18000			
SUSAP	KFTWK4D	HOWIG15	ALL	020HOWIGK4EA0EE	010TF								
SUSAP	KFTWK4D	HOWIG16	ALIAN	010HOWIGK4EA0E	IF					18000			
SUSAP	KFTWK4D	HOWIG16	ALIAN	020HOOTTK4EA0E	010TF								
SUSAP	KFTWK4D	HOWIG16	ALIAN	030IAMUPK4EA0E	010TF								
SUSAP	KFTWK4D	HOWIG16	ALIAN	040ALIANK4EA0EE	010TF								
SUSAP	KFTWK4D	HOWIG16	BRHMA	010HOWIGK4EA0E	IF					18000			
SUSAP	KFTWK4D	HOWIG16	BRHMA	020SNUCKK4EA0E	010TF								
SUSAP	KFTWK4D	HOWIG16	BRHMA	030WUDIEK4EA0E	010TF								
SUSAP	KFTWK4D	HOWIG16	BRHMA	040KATZZK4EA0E	010TF								
SUSAP	KFTWK4D	HOWIG16	BRHMA	050BRHMAK4EA0EE	010TF								
SUSAP	KFTWK4D	HOWIG16	CIKAN	010HOWIGK4EA0E	IF					18000			

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
HOWIG	ONE	HOWIG1.HOWIG	NONE		18 SEP 2014
SUSAP	KFTWK4DHOWIG16CIKAN	020HOOTTK4EA0E	010TF		
SUSAP	KFTWK4DHOWIG16CIKAN	030JAGIDK4EA0E	010TF		
SUSAP	KFTWK4DHOWIG16CIKAN	040WSTEXK4EA0E	010TF		
SUSAP	KFTWK4DHOWIG16CIKAN	050CIKANK4EA0EE	010TF		
SUSAP	KFTWK4DHOWIG16DOSXX	010HOWIGK4EA0E	IF	18000	
SUSAP	KFTWK4DHOWIG16DOSXX	020HOOTTK4EA0E	010TF		
SUSAP	KFTWK4DHOWIG16DOSXX	030JAGIDK4EA0E	010TF		
SUSAP	KFTWK4DHOWIG16DOSXX	040WSTEXK4EA0E	010TF		
SUSAP	KFTWK4DHOWIG16DOSXX	050DOSXXK4EA0EE	010TF		
SUSAP	KFTWK4DHOWIG16DYREK	010HOWIGK4EA0E	IF	18000	
SUSAP	KFTWK4DHOWIG16DYREK	020POOBRK4EA0E	010TF		
SUSAP	KFTWK4DHOWIG16DYREK	030WALIEK4EA0E	010TF		
SUSAP	KFTWK4DHOWIG16DYREK	040HRPERK4EA0E	010TF		
SUSAP	KFTWK4DHOWIG16DYREK	050DYREKK4EA0EE	010TF		
SUSAP	KFTWK4DHOWIG16HUDAD	010HOWIGK4EA0E	IF	18000	
SUSAP	KFTWK4DHOWIG16HUDAD	020EEOREK4EA0E	010TF		
SUSAP	KFTWK4DHOWIG16HUDAD	030BGLEEK4EA0E	010TF		
SUSAP	KFTWK4DHOWIG16HUDAD	040HUDADK4EA0EE	010TF		

[illegible]

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
HOWIG	ONE	HOWIG1.HOWIG	NONE		18 SEP 2014

ARINC SUMMARY - 424-18 - SID

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
	ALL	BOWTT	010		IF		FB					
	ALL	HOWIG	020		TF		FB	1.0				
	ALIAN	HOWIG	010		IF		FB					
	ALIAN	HOOTT	020		TF		FB	1.0				
	ALIAN	IAMUP	030		TF		FB	1.0				
	ALIAN	ALIAN	040		TF		FB	1.0				
	BRHMA	HOWIG	010		IF		FB					
	BRHMA	SNUCK	020		TF		FB	1.0				
	BRHMA	WUDIE	030		TF		FB	1.0				
	BRHMA	KATZZ	040		TF		FB	1.0				
	BRHMA	BRHMA	050		TF		FB	1.0				
	CIKAN	HOWIG	010		IF		FB					
	CIKAN	HOOTT	020		TF		FB	1.0				
	CIKAN	JAGID	030		TF		FB	1.0				
	CIKAN	WSTEX	040		TF		FB	1.0				
	CIKAN	CIKAN	050		TF		FB	1.0				
	DOSXX	HOWIG	010		IF		FB					
	DOSXX	HOOTT	020		TF		FB	1.0				
	DOSXX	JAGID	030		TF		FB	1.0				
	DOSXX	WSTEX	040		TF		FB	1.0				
	DOSXX	DOSXX	050		TF		FB	1.0				
	DYREK	HOWIG	010		IF		FB					
	DYREK	POOBR	020		TF		FB	1.0				
	DYREK	WALIE	030		TF		FB	1.0				
	DYREK	HRPER	040		TF		FB	1.0				
	DYREK	DYREK	050		TF		FB	1.0				
	HUDAD	HOWIG	010		IF		FB					
	HUDAD	EEORE	020		TF		FB	1.0				
	HUDAD	BGLEE	030		TF		FB	1.0				
	HUDAD	HUDAD	040		TF		FB	1.0				

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	ALIAN	N324114.02	W0991323.24	N3241.234	W09913.387
	BGLEE	N331615.82	W0981351.51	N3316.264	W09813.859
	BOWTT	N325712.00	W0972902.69	N3257.200	W09729.045
	BRHMA	N333117.03	W1010235.41	N3331.284	W10102.590
	CIKAN	N322900.00	W1001900.00	N3229.000	W10019.000
	DOSXX	N322338.17	W0995655.90	N3223.636	W09956.932
	DYREK	N333927.59	W1001318.11	N3339.460	W10013.302
	EEORE	N330731.10	W0974401.33	N3307.518	W09744.022
	HOOTT	N324958.50	W0974401.79	N3249.975	W09744.030

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
HOWIG	ONE	HOWIG1.HOWIG	NONE		18 SEP 2014
HOWIG	N325753.68	W0973755.22	N3257.895	W09737.920	
HRPER	N332746.50	W0993100.93	N3327.775	W09931.016	
HUDAD	N333652.04	W0992555.62	N3336.867	W09925.927	
IAMUP	N324712.31	W0981335.68	N3247.205	W09813.595	
JAGID	N324446.26	W0981331.98	N3244.771	W09813.533	
KATZZ	N331203.68	W0993543.82	N3312.061	W09935.730	
POOBR	N330135.28	W0974403.10	N3301.588	W09744.052	
SNUCK	N325529.83	W0974401.79	N3255.497	W09744.030	
WALIE	N330903.43	W0981355.84	N3309.057	W09813.931	
WSTEX	N323242.98	W0991953.04	N3232.716	W09919.884	
WUDIE	N330004.18	W0981348.75	N3300.070	W09813.813	
RW09	N324907.71	W0972154.70	N3249.129	W09721.912	
RW16	N324948.64	W0972144.95	N3249.811	W09721.749	
RW17	N324929.42	W0972159.47	N3249.490	W09721.991	
RW27	N324901.47	W0972112.26	N3249.025	W09721.204	
RW34	N324835.16	W0972132.57	N3248.586	W09721.543	
RW35	N324850.21	W0972152.86	N3248.837	W09721.881	
RUNWAY DATA					
	THRESHOLD				
RWY	ELEVATION	TCH			
RW09	00672	50			
RW16	00710	56			
RW17	00668	52			
RW27	00681	38			
RW34	00674	60			
RW35	00667	40			

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
HOWIG	ONE	HOWIG1.HOWIG	NONE		18 SEP 2014

[illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP	KFWSK4DHOWIG15ALL	010BOWTTK4EA0E	IF						18000				
SUSAP	KFWSK4DHOWIG15ALL	020HOWIGK4EA0EE	010TF										
SUSAP	KFWSK4DHOWIG16ALIAN	010HOWIGK4EA0E	IF						18000				
SUSAP	KFWSK4DHOWIG16ALIAN	020HOOTTK4EA0E	010TF										
SUSAP	KFWSK4DHOWIG16ALIAN	030IAMUPK4EA0E	010TF										
SUSAP	KFWSK4DHOWIG16ALIAN	040ALIANK4EA0EE	010TF										
SUSAP	KFWSK4DHOWIG16BRHMA	010HOWIGK4EA0E	IF						18000				
SUSAP	KFWSK4DHOWIG16BRHMA	020SNUCKK4EA0E	010TF										
SUSAP	KFWSK4DHOWIG16BRHMA	030WUDIEK4EA0E	010TF										
SUSAP	KFWSK4DHOWIG16BRHMA	040KATZZK4EA0E	010TF										
SUSAP	KFWSK4DHOWIG16BRHMA	050BRHMAK4EA0EE	010TF										
SUSAP	KFWSK4DHOWIG16CIKAN	010HOWIGK4EA0E	IF						18000				

DEPARTURE (DATA RECORD)

[illegible]

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
HOWIG	ONE	HOWIG1.HOWIG	NONE		18 SEP 2014

ARINC SUMMARY - 424-18 - SID

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
	ALL	BOWTT	010		IF		FB					
	ALL	HOWIG	020		TF		FB	1.0				
	ALIAN	HOWIG	010		IF		FB					
	ALIAN	HOOTT	020		TF		FB	1.0				
	ALIAN	IAMUP	030		TF		FB	1.0				
	ALIAN	ALIAN	040		TF		FB	1.0				
	BRHMA	HOWIG	010		IF		FB					
	BRHMA	SNUCK	020		TF		FB	1.0				
	BRHMA	WUDIE	030		TF		FB	1.0				
	BRHMA	KATZZ	040		TF		FB	1.0				
	BRHMA	BRHMA	050		TF		FB	1.0				
	CIKAN	HOWIG	010		IF		FB					
	CIKAN	HOOTT	020		TF		FB	1.0				
	CIKAN	JAGID	030		TF		FB	1.0				
	CIKAN	WSTEX	040		TF		FB	1.0				
	CIKAN	CIKAN	050		TF		FB	1.0				
	DOSXX	HOWIG	010		IF		FB					
	DOSXX	HOOTT	020		TF		FB	1.0				
	DOSXX	JAGID	030		TF		FB	1.0				
	DOSXX	WSTEX	040		TF		FB	1.0				
	DOSXX	DOSXX	050		TF		FB	1.0				
	DYREK	HOWIG	010		IF		FB					
	DYREK	POOBR	020		TF		FB	1.0				
	DYREK	WALIE	030		TF		FB	1.0				
	DYREK	HRPER	040		TF		FB	1.0				
	DYREK	DYREK	050		TF		FB	1.0				
	HUDAD	HOWIG	010		IF		FB					
	HUDAD	EEORE	020		TF		FB	1.0				
	HUDAD	BGLEE	030		TF		FB	1.0				
	HUDAD	HUDAD	040		TF		FB	1.0				

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	ALIAN	N324114.02	W0991323.24	N3241.234	W09913.387
	BGLEE	N331615.82	W0981351.51	N3316.264	W09813.859
	BOWTT	N325712.00	W0972902.69	N3257.200	W09729.045
	BRHMA	N333117.03	W1010235.41	N3331.284	W10102.590
	CIKAN	N322900.00	W1001900.00	N3229.000	W10019.000
	DOSXX	N322338.17	W0995655.90	N3223.636	W09956.932
	DYREK	N333927.59	W1001318.11	N3339.460	W10013.302
	EEORE	N330731.10	W0974401.33	N3307.518	W09744.022
	HOOTT	N324958.50	W0974401.79	N3249.975	W09744.030

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
HOWIG	ONE	HOWIG1.HOWIG	NONE		18 SEP 2014
HOWIG	N325753.68	W0973755.22	N3257.895	W09737.920	
HRPER	N332746.50	W0993100.93	N3327.775	W09931.016	
HUDAD	N333652.04	W0992555.62	N3336.867	W09925.927	
IAMUP	N324712.31	W0981335.68	N3247.205	W09813.595	
JAGID	N324446.26	W0981331.98	N3244.771	W09813.533	
KATZZ	N331203.68	W0993543.82	N3312.061	W09935.730	
POOBR	N330135.28	W0974403.10	N3301.588	W09744.052	
SNUCK	N325529.83	W0974401.79	N3255.497	W09744.030	
WALIE	N330903.43	W0981355.84	N3309.057	W09813.931	
WSTEX	N323242.98	W0991953.04	N3232.716	W09919.884	
WUDIE	N330004.18	W0981348.75	N3300.070	W09813.813	
RW17R	N323421.05	W0971834.76	N3234.351	W09718.579	
RW35L	N323321.66	W0971834.89	N3233.361	W09718.582	
RUNWAY DATA					
	THRESHOLD				
RWY	ELEVATION	TCH			
RW17R	00700	40			
RW35L	00689	50			

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
HOWIG	ONE	HOWIG1.HOWIG	NONE		18 SEP 2014

[illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP	KGKYK4D	HOWIG15	ALL	010BOWTTK4EA0E	IF					18000			
SUSAP	KGKYK4D	HOWIG15	ALL	020HOWIGK4EA0EE	010TF								
SUSAP	KGKYK4D	HOWIG16	ALIAN	010HOWIGK4EA0E	IF					18000			
SUSAP	KGKYK4D	HOWIG16	ALIAN	020HOOTTK4EA0E	010TF								
SUSAP	KGKYK4D	HOWIG16	ALIAN	030IAMUPK4EA0E	010TF								
SUSAP	KGKYK4D	HOWIG16	ALIAN	040ALIANK4EA0EE	010TF								
SUSAP	KGKYK4D	HOWIG16	BRHMA	010HOWIGK4EA0E	IF					18000			
SUSAP	KGKYK4D	HOWIG16	BRHMA	020SNUCKK4EA0E	010TF								
SUSAP	KGKYK4D	HOWIG16	BRHMA	030WUDIEK4EA0E	010TF								
SUSAP	KGKYK4D	HOWIG16	BRHMA	040KATZZK4EA0E	010TF								
SUSAP	KGKYK4D	HOWIG16	BRHMA	050BRHMAK4EA0EE	010TF								
SUSAP	KGKYK4D	HOWIG16	CIKAN	010HOWIGK4EA0E	IF					18000			

DEPARTURE (DATA RECORD)

[illegible]

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
HOWIG	ONE	HOWIG1.HOWIG	NONE		18 SEP 2014

ARINC SUMMARY - 424-18 - SID

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
	ALL	BOWTT	010		IF		FB					
	ALL	HOWIG	020		TF		FB	1.0				
	ALIAN	HOWIG	010		IF		FB					
	ALIAN	HOOTT	020		TF		FB	1.0				
	ALIAN	IAMUP	030		TF		FB	1.0				
	ALIAN	ALIAN	040		TF		FB	1.0				
	BRHMA	HOWIG	010		IF		FB					
	BRHMA	SNUCK	020		TF		FB	1.0				
	BRHMA	WUDIE	030		TF		FB	1.0				
	BRHMA	KATZZ	040		TF		FB	1.0				
	BRHMA	BRHMA	050		TF		FB	1.0				
	CIKAN	HOWIG	010		IF		FB					
	CIKAN	HOOTT	020		TF		FB	1.0				
	CIKAN	JAGID	030		TF		FB	1.0				
	CIKAN	WSTEX	040		TF		FB	1.0				
	CIKAN	CIKAN	050		TF		FB	1.0				
	DOSXX	HOWIG	010		IF		FB					
	DOSXX	HOOTT	020		TF		FB	1.0				
	DOSXX	JAGID	030		TF		FB	1.0				
	DOSXX	WSTEX	040		TF		FB	1.0				
	DOSXX	DOSXX	050		TF		FB	1.0				
	DYREK	HOWIG	010		IF		FB					
	DYREK	POOBR	020		TF		FB	1.0				
	DYREK	WALIE	030		TF		FB	1.0				
	DYREK	HRPER	040		TF		FB	1.0				
	DYREK	DYREK	050		TF		FB	1.0				
	HUDAD	HOWIG	010		IF		FB					
	HUDAD	EEORE	020		TF		FB	1.0				
	HUDAD	BGLEE	030		TF		FB	1.0				
	HUDAD	HUDAD	040		TF		FB	1.0				

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	ALIAN	N324114.02	W0991323.24	N3241.234	W09913.387
	BGLEE	N331615.82	W0981351.51	N3316.264	W09813.859
	BOWTT	N325712.00	W0972902.69	N3257.200	W09729.045
	BRHMA	N333117.03	W1010235.41	N3331.284	W10102.590
	CIKAN	N322900.00	W1001900.00	N3229.000	W10019.000
	DOSXX	N322338.17	W0995655.90	N3223.636	W09956.932
	DYREK	N333927.59	W1001318.11	N3339.460	W10013.302
	EEORE	N330731.10	W0974401.33	N3307.518	W09744.022
	HOOTT	N324958.50	W0974401.79	N3249.975	W09744.030

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
HOWIG	ONE	HOWIG1.HOWIG	NONE		18 SEP 2014
HOWIG	N325753.68	W0973755.22	N3257.895	W09737.920	
HRPER	N332746.50	W0993100.93	N3327.775	W09931.016	
HUDAD	N333652.04	W0992555.62	N3336.867	W09925.927	
IAMUP	N324712.31	W0981335.68	N3247.205	W09813.595	
JAGID	N324446.26	W0981331.98	N3244.771	W09813.533	
KATZZ	N331203.68	W0993543.82	N3312.061	W09935.730	
POOBR	N330135.28	W0974403.10	N3301.588	W09744.052	
SNUCK	N325529.83	W0974401.79	N3255.497	W09744.030	
WALIE	N330903.43	W0981355.84	N3309.057	W09813.931	
WSTEX	N323242.98	W0991953.04	N3232.716	W09919.884	
WUDIE	N330004.18	W0981348.75	N3300.070	W09813.813	
RW16	N324019.36	W0970546.79	N3240.323	W09705.780	
RW34	N323920.51	W0970532.03	N3239.342	W09705.534	
RUNWAY DATA					
	THRESHOLD				
RWY	ELEVATION	TCH			
RW16	00628	42			
RW34	00597	57			

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
HOWIG	ONE	HOWIG1.HOWIG	NONE		18 SEP 2014

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	1	2	3	4	5	6	7	8	9	0	1	2	3
WP	12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012												
	SUSAEENRT	ALIAN K40	W	H	N32411402W099132324			E0050	NAR	ALIAN			
	SUSAEENRT	BGLEE K40	W	H	N33161582W098135151			E0045	NAR	BGLEE			
	SUSAEENRT	BOWTT K40	W		N32571200W097290269			E0040	NAR	BOWTT			
	SUSAEENRT	BRHMA K40	W	H	N33311703W101023541			E0061	NAR	BRHMA			
	SUSAEENRT	CIKAN K40	W	H	N32290000W100190000			E0056	NAR	CIKAN			
	SUSAEENRT	DOSXX K40	W	H	N32233817W099565590			E0054	NAR	DOSXX			
	SUSAEENRT	DYREK K40	W	H	N33392759W100131811			E0056	NAR	DYREK			
	SUSAEENRT	EEORE K40	W		N33073110W097440133			E0042	NAR	EEORE			
	SUSAEENRT	HOOTT K40	W		N32495850W097440179			E0042	NAR	HOOTT			
	SUSAEENRT	HOWIG K40	W		N32575368W097375522			E0041	NAR	HOWIG			
	SUSAEENRT	HRPER K40	W	H	N33274650W099310093			E0052	NAR	HRPER			
	SUSAEENRT	HUDAD K40	W	H	N33365204W099255562			E0052	NAR	HUDAD			
	SUSAEENRT	IAMUP K40	W	H	N32471231W098133568			E0045	NAR	IAMUP			
	SUSAEENRT	JAGID K40	W	H	N32444626W098133198			E0045	NAR	JAGID			
	SUSAEENRT	KATZZ K40	W	H	N33120368W099354382			E0053	NAR	KATZZ			
	SUSAEENRT	POOBR K40	W		N33013528W097440310			E0042	NAR	POOBR			
	SUSAEENRT	SNUCK K40	W		N32552983W097440179			E0042	NAR	SNUCK			
	SUSAEENRT	WALIE K40	W	H	N33090343W098135584			E0045	NAR	WALIE			
	SUSAEENRT	WSTEX K40	W	H	N32324298W099195304			E0051	NAR	WSTEX			
	SUSAEENRT	WUDIE K40	W	H	N33000418W098134875			E0045	NAR	WUDIE			

	1	2	3	4	5	6	7	8	9	0	1	2	3
AIRPORT	12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012												
	SUSAP	KGPMK4AGPM	0	040YHN32415560W097024890E006000588			1800018000C	MNAR	GRAND PRAIRIE MUNI				

	1	2	3	4	5	6	7	8	9	0	1	2	3
SEGMENT	12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012												
	SUSAP	KGPMK4DHOWIG15ALL	010BOWTTK4EA0E	IF						18000			
	SUSAP	KGPMK4DHOWIG15ALL	020HOWIGK4EA0EE	010TF									
	SUSAP	KGPMK4DHOWIG16ALIAN	010HOWIGK4EA0E	IF						18000			
	SUSAP	KGPMK4DHOWIG16ALIAN	020HOOTTK4EA0E	010TF									
	SUSAP	KGPMK4DHOWIG16ALIAN	030IAMUPK4EA0E	010TF									
	SUSAP	KGPMK4DHOWIG16ALIAN	040ALIANK4EA0EE	010TF									
	SUSAP	KGPMK4DHOWIG16BRHMA	010HOWIGK4EA0E	IF						18000			
	SUSAP	KGPMK4DHOWIG16BRHMA	020SNUCKK4EA0E	010TF									
	SUSAP	KGPMK4DHOWIG16BRHMA	030WUDIEK4EA0E	010TF									
	SUSAP	KGPMK4DHOWIG16BRHMA	040KATZZK4EA0E	010TF									
	SUSAP	KGPMK4DHOWIG16BRHMA	050BRHMAK4EA0EE	010TF									
	SUSAP	KGPMK4DHOWIG16CIKAN	010HOWIGK4EA0E	IF						18000			

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
HOWIG	ONE	HOWIG1.HOWIG	NONE		18 SEP 2014

[illegible]

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
HOWIG	ONE	HOWIG1.HOWIG	NONE		18 SEP 2014

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ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
	ALL	BOWTT	010		IF		FB					
	ALL	HOWIG	020		TF		FB	1.0				
	ALIAN	HOWIG	010		IF		FB					
	ALIAN	HOOTT	020		TF		FB	1.0				
	ALIAN	IAMUP	030		TF		FB	1.0				
	ALIAN	ALIAN	040		TF		FB	1.0				
	BRHMA	HOWIG	010		IF		FB					
	BRHMA	SNUCK	020		TF		FB	1.0				
	BRHMA	WUDIE	030		TF		FB	1.0				
	BRHMA	KATZZ	040		TF		FB	1.0				
	BRHMA	BRHMA	050		TF		FB	1.0				
	CIKAN	HOWIG	010		IF		FB					
	CIKAN	HOOTT	020		TF		FB	1.0				
	CIKAN	JAGID	030		TF		FB	1.0				
	CIKAN	WSTEX	040		TF		FB	1.0				
	CIKAN	CIKAN	050		TF		FB	1.0				
	DOSXX	HOWIG	010		IF		FB					
	DOSXX	HOOTT	020		TF		FB	1.0				
	DOSXX	JAGID	030		TF		FB	1.0				
	DOSXX	WSTEX	040		TF		FB	1.0				
	DOSXX	DOSXX	050		TF		FB	1.0				
	DYREK	HOWIG	010		IF		FB					
	DYREK	POOBR	020		TF		FB	1.0				
	DYREK	WALIE	030		TF		FB	1.0				
	DYREK	HRPER	040		TF		FB	1.0				
	DYREK	DYREK	050		TF		FB	1.0				
	HUDAD	HOWIG	010		IF		FB					
	HUDAD	EEORE	020		TF		FB	1.0				
	HUDAD	BGLEE	030		TF		FB	1.0				
	HUDAD	HUDAD	040		TF		FB	1.0				

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	ALIAN	N324114.02	W0991323.24	N3241.234	W09913.387
	BGLEE	N331615.82	W0981351.51	N3316.264	W09813.859
	BOWTT	N325712.00	W0972902.69	N3257.200	W09729.045
	BRHMA	N333117.03	W1010235.41	N3331.284	W10102.590
	CIKAN	N322900.00	W1001900.00	N3229.000	W10019.000
	DOSXX	N322338.17	W0995655.90	N3223.636	W09956.932
	DYREK	N333927.59	W1001318.11	N3339.460	W10013.302
	EEORE	N330731.10	W0974401.33	N3307.518	W09744.022
	HOOTT	N324958.50	W0974401.79	N3249.975	W09744.030

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
HOWIG	ONE	HOWIG1.HOWIG	NONE		18 SEP 2014
HOWIG	N325753.68	W0973755.22	N3257.895	W09737.920	
HRPER	N332746.50	W0993100.93	N3327.775	W09931.016	
HUDAD	N333652.04	W0992555.62	N3336.867	W09925.927	
IAMUP	N324712.31	W0981335.68	N3247.205	W09813.595	
JAGID	N324446.26	W0981331.98	N3244.771	W09813.533	
KATZZ	N331203.68	W0993543.82	N3312.061	W09935.730	
POOBR	N330135.28	W0974403.10	N3301.588	W09744.052	
SNUCK	N325529.83	W0974401.79	N3255.497	W09744.030	
WALIE	N330903.43	W0981355.84	N3309.057	W09813.931	
WSTEX	N323242.98	W0991953.04	N3232.716	W09919.884	
WUDIE	N330004.18	W0981348.75	N3300.070	W09813.813	
RW17	N324215.41	W0970248.76	N3242.257	W09702.813	
RW35	N324135.82	W0970249.04	N3241.597	W09702.817	
RUNWAY DATA					
	THRESHOLD				
RWY	ELEVATION	TCH			
RW17	00582	26			
RW35	00573	37			

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
HOWIG	ONE	HOWIG1.HOWIG	NONE		18 SEP 2014

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	1	2	3	4	5	6	7	8	9	0	1	2	3
WP	123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012												
	SUSAEENRT	ALIAN K40	W	H	N32411402W099132324			E0050	NAR	ALIAN			
	SUSAEENRT	BGLEE K40	W	H	N33161582W098135151			E0045	NAR	BGLEE			
	SUSAEENRT	BOWTT K40	W		N32571200W097290269			E0040	NAR	BOWTT			
	SUSAEENRT	BRHMA K40	W	H	N33311703W101023541			E0061	NAR	BRHMA			
	SUSAEENRT	CIKAN K40	W	H	N32290000W100190000			E0056	NAR	CIKAN			
	SUSAEENRT	DOSXX K40	W	H	N32233817W099565590			E0054	NAR	DOSXX			
	SUSAEENRT	DYREK K40	W	H	N33392759W100131811			E0056	NAR	DYREK			
	SUSAEENRT	EEORE K40	W		N33073110W097440133			E0042	NAR	EEORE			
	SUSAEENRT	HOOTT K40	W		N32495850W097440179			E0042	NAR	HOOTT			
	SUSAEENRT	HOWIG K40	W		N32575368W097375522			E0041	NAR	HOWIG			
	SUSAEENRT	HRPER K40	W	H	N33274650W099310093			E0052	NAR	HRPER			
	SUSAEENRT	HUDAD K40	W	H	N33365204W099255562			E0052	NAR	HUDAD			
	SUSAEENRT	IAMUP K40	W	H	N32471231W098133568			E0045	NAR	IAMUP			
	SUSAEENRT	JAGID K40	W	H	N32444626W098133198			E0045	NAR	JAGID			
	SUSAEENRT	KATZZ K40	W	H	N33120368W099354382			E0053	NAR	KATZZ			
	SUSAEENRT	POOBR K40	W		N33013528W097440310			E0042	NAR	POOBR			
	SUSAEENRT	SNUCK K40	W		N32552983W097440179			E0042	NAR	SNUCK			
	SUSAEENRT	WALIE K40	W	H	N33090343W098135584			E0045	NAR	WALIE			
	SUSAEENRT	WSTEX K40	W	H	N32324298W099195304			E0051	NAR	WSTEX			
	SUSAEENRT	WUDIE K40	W	H	N33000418W098134875			E0045	NAR	WUDIE			

	1	2	3	4	5	6	7	8	9	0	1	2	3
AIRPORT	123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012												
	SUSAP KHQZK4AHQZ	0	073YHN32444907W096314950E006000447					1800018000C	MNAR	MESQUITE METRO			

	1	2	3	4	5	6	7	8	9	0	1	2	3
SEGMENT	123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012												
	SUSAP KHQZK4DHOWIG15ALL	010BOWTTK4EA0E	IF							18000			
	SUSAP KHQZK4DHOWIG15ALL	020HOWIGK4EA0EE	010TF										
	SUSAP KHQZK4DHOWIG16ALIAN	010HOWIGK4EA0E	IF							18000			
	SUSAP KHQZK4DHOWIG16ALIAN	020HOOTTK4EA0E	010TF										
	SUSAP KHQZK4DHOWIG16ALIAN	030IAMUPK4EA0E	010TF										
	SUSAP KHQZK4DHOWIG16ALIAN	040ALIANK4EA0EE	010TF										
	SUSAP KHQZK4DHOWIG16BRHMA	010HOWIGK4EA0E	IF							18000			
	SUSAP KHQZK4DHOWIG16BRHMA	020SNUCKK4EA0E	010TF										
	SUSAP KHQZK4DHOWIG16BRHMA	030WUDIEK4EA0E	010TF										
	SUSAP KHQZK4DHOWIG16BRHMA	040KATZZK4EA0E	010TF										
	SUSAP KHQZK4DHOWIG16BRHMA	050BRHMAK4EA0EE	010TF										
	SUSAP KHQZK4DHOWIG16CIKAN	010HOWIGK4EA0E	IF							18000			

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
HOWIG	ONE	HOWIG1.HOWIG	NONE		18 SEP 2014

ARINC SUMMARY - 424-18 - SID

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
	ALL	BOWTT	010		IF		FB					
	ALL	HOWIG	020		TF		FB	1.0				
	ALIAN	HOWIG	010		IF		FB					
	ALIAN	HOOTT	020		TF		FB	1.0				
	ALIAN	IAMUP	030		TF		FB	1.0				
	ALIAN	ALIAN	040		TF		FB	1.0				
	BRHMA	HOWIG	010		IF		FB					
	BRHMA	SNUCK	020		TF		FB	1.0				
	BRHMA	WUDIE	030		TF		FB	1.0				
	BRHMA	KATZZ	040		TF		FB	1.0				
	BRHMA	BRHMA	050		TF		FB	1.0				
	CIKAN	HOWIG	010		IF		FB					
	CIKAN	HOOTT	020		TF		FB	1.0				
	CIKAN	JAGID	030		TF		FB	1.0				
	CIKAN	WSTEX	040		TF		FB	1.0				
	CIKAN	CIKAN	050		TF		FB	1.0				
	DOSXX	HOWIG	010		IF		FB					
	DOSXX	HOOTT	020		TF		FB	1.0				
	DOSXX	JAGID	030		TF		FB	1.0				
	DOSXX	WSTEX	040		TF		FB	1.0				
	DOSXX	DOSXX	050		TF		FB	1.0				
	DYREK	HOWIG	010		IF		FB					
	DYREK	POOBR	020		TF		FB	1.0				
	DYREK	WALIE	030		TF		FB	1.0				
	DYREK	HRPER	040		TF		FB	1.0				
	DYREK	DYREK	050		TF		FB	1.0				
	HUDAD	HOWIG	010		IF		FB					
	HUDAD	EEORE	020		TF		FB	1.0				
	HUDAD	BGLEE	030		TF		FB	1.0				
	HUDAD	HUDAD	040		TF		FB	1.0				

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	ALIAN	N324114.02	W0991323.24	N3241.234	W09913.387
	BGLEE	N331615.82	W0981351.51	N3316.264	W09813.859
	BOWTT	N325712.00	W0972902.69	N3257.200	W09729.045
	BRHMA	N333117.03	W1010235.41	N3331.284	W10102.590
	CIKAN	N322900.00	W1001900.00	N3229.000	W10019.000
	DOSXX	N322338.17	W0995655.90	N3223.636	W09956.932
	DYREK	N333927.59	W1001318.11	N3339.460	W10013.302
	EEORE	N330731.10	W0974401.33	N3307.518	W09744.022
	HOOTT	N324958.50	W0974401.79	N3249.975	W09744.030

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
HOWIG	ONE	HOWIG1.HOWIG	NONE		18 SEP 2014
HOWIG	N325753.68	W0973755.22	N3257.895	W09737.920	
HRPER	N332746.50	W0993100.93	N3327.775	W09931.016	
HUDAD	N333652.04	W0992555.62	N3336.867	W09925.927	
IAMUP	N324712.31	W0981335.68	N3247.205	W09813.595	
JAGID	N324446.26	W0981331.98	N3244.771	W09813.533	
KATZZ	N331203.68	W0993543.82	N3312.061	W09935.730	
POOBR	N330135.28	W0974403.10	N3301.588	W09744.052	
SNUCK	N325529.83	W0974401.79	N3255.497	W09744.030	
WALIE	N330903.43	W0981355.84	N3309.057	W09813.931	
WSTEX	N323242.98	W0991953.04	N3232.716	W09919.884	
WUDIE	N330004.18	W0981348.75	N3300.070	W09813.813	
RW17	N324518.74	W0963148.97	N3245.312	W09631.816	
RW35	N324405.83	W0963150.30	N3244.097	W09631.838	
RUNWAY DATA					
	THRESHOLD				
RWY	ELEVATION	TCH			
RW17	00446	56			
RW35	00442	44			

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
HOWIG	ONE	HOWIG1.HOWIG	NONE		18 SEP 2014

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[illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP	KJWYK4D	HOWIG15	ALL	010BOWTTK4EA0E	IF					18000			
SUSAP	KJWYK4D	HOWIG15	ALL	020HOWIGK4EA0EE	010TF								
SUSAP	KJWYK4D	HOWIG16	ALIAN	010HOWIGK4EA0E	IF					18000			
SUSAP	KJWYK4D	HOWIG16	ALIAN	020HOOTTK4EA0E	010TF								
SUSAP	KJWYK4D	HOWIG16	ALIAN	030IAMUPK4EA0E	010TF								
SUSAP	KJWYK4D	HOWIG16	ALIAN	040ALIANK4EA0EE	010TF								
SUSAP	KJWYK4D	HOWIG16	BRHMA	010HOWIGK4EA0E	IF					18000			
SUSAP	KJWYK4D	HOWIG16	BRHMA	020SNUCKK4EA0E	010TF								
SUSAP	KJWYK4D	HOWIG16	BRHMA	030WUDIEK4EA0E	010TF								
SUSAP	KJWYK4D	HOWIG16	BRHMA	040KATZZK4EA0E	010TF								
SUSAP	KJWYK4D	HOWIG16	BRHMA	050BRHMAK4EA0EE	010TF								
SUSAP	KJWYK4D	HOWIG16	CIKAN	010HOWIGK4EA0E	IF					18000			

DEPARTURE (DATA RECORD)

[illegible]

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
HOWIG	ONE	HOWIG1.HOWIG	NONE		18 SEP 2014

ARINC SUMMARY - 424-18 - SID

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
	ALL	BOWTT	010		IF		FB					
	ALL	HOWIG	020		TF		FB	1.0				
	ALIAN	HOWIG	010		IF		FB					
	ALIAN	HOOTT	020		TF		FB	1.0				
	ALIAN	IAMUP	030		TF		FB	1.0				
	ALIAN	ALIAN	040		TF		FB	1.0				
	BRHMA	HOWIG	010		IF		FB					
	BRHMA	SNUCK	020		TF		FB	1.0				
	BRHMA	WUDIE	030		TF		FB	1.0				
	BRHMA	KATZZ	040		TF		FB	1.0				
	BRHMA	BRHMA	050		TF		FB	1.0				
	CIKAN	HOWIG	010		IF		FB					
	CIKAN	HOOTT	020		TF		FB	1.0				
	CIKAN	JAGID	030		TF		FB	1.0				
	CIKAN	WSTEX	040		TF		FB	1.0				
	CIKAN	CIKAN	050		TF		FB	1.0				
	DOSXX	HOWIG	010		IF		FB					
	DOSXX	HOOTT	020		TF		FB	1.0				
	DOSXX	JAGID	030		TF		FB	1.0				
	DOSXX	WSTEX	040		TF		FB	1.0				
	DOSXX	DOSXX	050		TF		FB	1.0				
	DYREK	HOWIG	010		IF		FB					
	DYREK	POOBR	020		TF		FB	1.0				
	DYREK	WALIE	030		TF		FB	1.0				
	DYREK	HRPER	040		TF		FB	1.0				
	DYREK	DYREK	050		TF		FB	1.0				
	HUDAD	HOWIG	010		IF		FB					
	HUDAD	EEORE	020		TF		FB	1.0				
	HUDAD	BGLEE	030		TF		FB	1.0				
	HUDAD	HUDAD	040		TF		FB	1.0				

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	ALIAN	N324114.02	W0991323.24	N3241.234	W09913.387
	BGLEE	N331615.82	W0981351.51	N3316.264	W09813.859
	BOWTT	N325712.00	W0972902.69	N3257.200	W09729.045
	BRHMA	N333117.03	W1010235.41	N3331.284	W10102.590
	CIKAN	N322900.00	W1001900.00	N3229.000	W10019.000
	DOSXX	N322338.17	W0995655.90	N3223.636	W09956.932
	DYREK	N333927.59	W1001318.11	N3339.460	W10013.302
	EEORE	N330731.10	W0974401.33	N3307.518	W09744.022
	HOOTT	N324958.50	W0974401.79	N3249.975	W09744.030

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
HOWIG	ONE	HOWIG1.HOWIG	NONE		18 SEP 2014
HOWIG	N325753.68	W0973755.22	N3257.895	W09737.920	
HRPER	N332746.50	W0993100.93	N3327.775	W09931.016	
HUDAD	N333652.04	W0992555.62	N3336.867	W09925.927	
IAMUP	N324712.31	W0981335.68	N3247.205	W09813.595	
JAGID	N324446.26	W0981331.98	N3244.771	W09813.533	
KATZZ	N331203.68	W0993543.82	N3312.061	W09935.730	
POOBR	N330135.28	W0974403.10	N3301.588	W09744.052	
SNUCK	N325529.83	W0974401.79	N3255.497	W09744.030	
WALIE	N330903.43	W0981355.84	N3309.057	W09813.931	
WSTEX	N323242.98	W0991953.04	N3232.716	W09919.884	
WUDIE	N330004.18	W0981348.75	N3300.070	W09813.813	
RW18	N322801.94	W0965442.46	N3228.032	W09654.708	
RW36	N322657.77	W0965447.73	N3226.963	W09654.796	
RUNWAY DATA					
	THRESHOLD				
RWY	ELEVATION	TCH			
RW18	00727	40			
RW36	00686	40			

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
HOWIG	ONE	HOWIG1.HOWIG	NONE		18 SEP 2014

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	1	2	3	4	5	6	7	8	9	0	1	2	3
WP	12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012												
	SUSAEAENRT	ALIAN K40	W	H	N32411402W099132324			E0050	NAR	ALIAN			
	SUSAEAENRT	BGLEE K40	W	H	N33161582W098135151			E0045	NAR	BGLEE			
	SUSAEAENRT	BOWTT K40	W		N32571200W097290269			E0040	NAR	BOWTT			
	SUSAEAENRT	BRHMA K40	W	H	N33311703W101023541			E0061	NAR	BRHMA			
	SUSAEAENRT	CIKAN K40	W	H	N32290000W100190000			E0056	NAR	CIKAN			
	SUSAEAENRT	DOSXX K40	W	H	N32233817W099565590			E0054	NAR	DOSXX			
	SUSAEAENRT	DYREK K40	W	H	N33392759W100131811			E0056	NAR	DYREK			
	SUSAEAENRT	EEORE K40	W		N33073110W097440133			E0042	NAR	EEORE			
	SUSAEAENRT	HOOTT K40	W		N32495850W097440179			E0042	NAR	HOOTT			
	SUSAEAENRT	HOWIG K40	W		N32575368W097375522			E0041	NAR	HOWIG			
	SUSAEAENRT	HRPER K40	W	H	N33274650W099310093			E0052	NAR	HRPER			
	SUSAEAENRT	HUDAD K40	W	H	N33365204W099255562			E0052	NAR	HUDAD			
	SUSAEAENRT	IAMUP K40	W	H	N32471231W098133568			E0045	NAR	IAMUP			
	SUSAEAENRT	JAGID K40	W	H	N32444626W098133198			E0045	NAR	JAGID			
	SUSAEAENRT	KATZZ K40	W	H	N33120368W099354382			E0053	NAR	KATZZ			
	SUSAEAENRT	POOBR K40	W		N33013528W097440310			E0042	NAR	POOBR			
	SUSAEAENRT	SNUCK K40	W		N32552983W097440179			E0042	NAR	SNUCK			
	SUSAEAENRT	WALIE K40	W	H	N33090343W098135584			E0045	NAR	WALIE			
	SUSAEAENRT	WSTEX K40	W	H	N32324298W099195304			E0051	NAR	WSTEX			
	SUSAEAENRT	WUDIE K40	W	H	N33000418W098134875			E0045	NAR	WUDIE			

	1	2	3	4	5	6	7	8	9	0	1	2	3
AIRPORT	12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012												
	SUSAP	KLNCK4ALNC	0	065YHN32343938W096430301E006000501			1800018000C	MNAR	LANCASTER	RGNL			

	1	2	3	4	5	6	7	8	9	0	1	2	3
SEGMENT	12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012												
	SUSAP	KLNCK4DHOWIG15ALL	010BOWTTK4EA0E	IF						18000			
	SUSAP	KLNCK4DHOWIG15ALL	020HOWIGK4EA0EE	010TF									
	SUSAP	KLNCK4DHOWIG16ALIAN	010HOWIGK4EA0E	IF						18000			
	SUSAP	KLNCK4DHOWIG16ALIAN	020HOOTTK4EA0E	010TF									
	SUSAP	KLNCK4DHOWIG16ALIAN	030IAMUPK4EA0E	010TF									
	SUSAP	KLNCK4DHOWIG16ALIAN	040ALIANK4EA0EE	010TF									
	SUSAP	KLNCK4DHOWIG16BRHMA	010HOWIGK4EA0E	IF						18000			
	SUSAP	KLNCK4DHOWIG16BRHMA	020SNUCKK4EA0E	010TF									
	SUSAP	KLNCK4DHOWIG16BRHMA	030WUDIEK4EA0E	010TF									
	SUSAP	KLNCK4DHOWIG16BRHMA	040KATZZK4EA0E	010TF									
	SUSAP	KLNCK4DHOWIG16BRHMA	050BRHMAK4EA0EE	010TF									
	SUSAP	KLNCK4DHOWIG16CIKAN	010HOWIGK4EA0E	IF						18000			

DEPARTURE (DATA RECORD)

[illegible]

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
HOWIG	ONE	HOWIG1.HOWIG	NONE		18 SEP 2014

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ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
	ALL	BOWTT	010		IF		FB					
	ALL	HOWIG	020		TF		FB	1.0				
	ALIAN	HOWIG	010		IF		FB					
	ALIAN	HOOTT	020		TF		FB	1.0				
	ALIAN	IAMUP	030		TF		FB	1.0				
	ALIAN	ALIAN	040		TF		FB	1.0				
	BRHMA	HOWIG	010		IF		FB					
	BRHMA	SNUCK	020		TF		FB	1.0				
	BRHMA	WUDIE	030		TF		FB	1.0				
	BRHMA	KATZZ	040		TF		FB	1.0				
	BRHMA	BRHMA	050		TF		FB	1.0				
	CIKAN	HOWIG	010		IF		FB					
	CIKAN	HOOTT	020		TF		FB	1.0				
	CIKAN	JAGID	030		TF		FB	1.0				
	CIKAN	WSTEX	040		TF		FB	1.0				
	CIKAN	CIKAN	050		TF		FB	1.0				
	DOSXX	HOWIG	010		IF		FB					
	DOSXX	HOOTT	020		TF		FB	1.0				
	DOSXX	JAGID	030		TF		FB	1.0				
	DOSXX	WSTEX	040		TF		FB	1.0				
	DOSXX	DOSXX	050		TF		FB	1.0				
	DYREK	HOWIG	010		IF		FB					
	DYREK	POOBR	020		TF		FB	1.0				
	DYREK	WALIE	030		TF		FB	1.0				
	DYREK	HRPER	040		TF		FB	1.0				
	DYREK	DYREK	050		TF		FB	1.0				
	HUDAD	HOWIG	010		IF		FB					
	HUDAD	EEORE	020		TF		FB	1.0				
	HUDAD	BGLEE	030		TF		FB	1.0				
	HUDAD	HUDAD	040		TF		FB	1.0				

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	ALIAN	N324114.02	W0991323.24	N3241.234	W09913.387
	BGLEE	N331615.82	W0981351.51	N3316.264	W09813.859
	BOWTT	N325712.00	W0972902.69	N3257.200	W09729.045
	BRHMA	N333117.03	W1010235.41	N3331.284	W10102.590
	CIKAN	N322900.00	W1001900.00	N3229.000	W10019.000
	DOSXX	N322338.17	W0995655.90	N3223.636	W09956.932
	DYREK	N333927.59	W1001318.11	N3339.460	W10013.302
	EEORE	N330731.10	W0974401.33	N3307.518	W09744.022
	HOOTT	N324958.50	W0974401.79	N3249.975	W09744.030

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
HOWIG	ONE	HOWIG1.HOWIG	NONE		18 SEP 2014
HOWIG	N325753.68	W0973755.22	N3257.895	W09737.920	
HRPER	N332746.50	W0993100.93	N3327.775	W09931.016	
HUDAD	N333652.04	W0992555.62	N3336.867	W09925.927	
IAMUP	N324712.31	W0981335.68	N3247.205	W09813.595	
JAGID	N324446.26	W0981331.98	N3244.771	W09813.533	
KATZZ	N331203.68	W0993543.82	N3312.061	W09935.730	
POOBR	N330135.28	W0974403.10	N3301.588	W09744.052	
SNUCK	N325529.83	W0974401.79	N3255.497	W09744.030	
WALIE	N330903.43	W0981355.84	N3309.057	W09813.931	
WSTEX	N323242.98	W0991953.04	N3232.716	W09919.884	
WUDIE	N330004.18	W0981348.75	N3300.070	W09813.813	
RW13	N323504.13	W0964327.27	N3235.069	W09643.455	
RW31	N323414.62	W0964238.75	N3234.244	W09642.646	
RUNWAY DATA					
	THRESHOLD				
RWY	ELEVATION	TCH			
RW13	00501	45			
RW31	00475	50			

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
HOWIG	ONE	HOWIG1.HOWIG	NONE		18 SEP 2014

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[illegible][illegible][illegible]

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
HOWIG	ONE	HOWIG1.HOWIG	NONE		18 SEP 2014
SUSAP KLUDK4DHOWIG16CIKAN	020HOOTTK4EA0E	010TF			
SUSAP KLUDK4DHOWIG16CIKAN	030JAGIDK4EA0E	010TF			
SUSAP KLUDK4DHOWIG16CIKAN	040WSTEXK4EA0E	010TF			
SUSAP KLUDK4DHOWIG16CIKAN	050CIKANK4EA0EE	010TF			
SUSAP KLUDK4DHOWIG16DOSXX	010HOWIGK4EA0E	IF	18000		
SUSAP KLUDK4DHOWIG16DOSXX	020HOOTTK4EA0E	010TF			
SUSAP KLUDK4DHOWIG16DOSXX	030JAGIDK4EA0E	010TF			
SUSAP KLUDK4DHOWIG16DOSXX	040WSTEXK4EA0E	010TF			
SUSAP KLUDK4DHOWIG16DOSXX	050DOSXXK4EA0EE	010TF			
SUSAP KLUDK4DHOWIG16DYREK	010HOWIGK4EA0E	IF	18000		
SUSAP KLUDK4DHOWIG16DYREK	020POOBRK4EA0E	010TF			
SUSAP KLUDK4DHOWIG16DYREK	030WALIEK4EA0E	010TF			
SUSAP KLUDK4DHOWIG16DYREK	040HRPERK4EA0E	010TF			
SUSAP KLUDK4DHOWIG16DYREK	050DYREKK4EA0EE	010TF			
SUSAP KLUDK4DHOWIG16HUDAD	010HOWIGK4EA0E	IF	18000		
SUSAP KLUDK4DHOWIG16HUDAD	020EEOREK4EA0E	010TF			
SUSAP KLUDK4DHOWIG16HUDAD	030BGLEEK4EA0E	010TF			
SUSAP KLUDK4DHOWIG16HUDAD	040HUDADK4EA0EE	010TF			

RUNWAY	1 2 3 4 5 6 7 8 9 0 1 2 3				
SUSAP KLUDK4GRW17	0042001635 N33153586W097345301-0100	+0290001041000045060R			
SUSAP KLUDK4GRW35	0042003435 N33145467W097344651+0100	+0288701037000045060R			

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
HOWIG	ONE	HOWIG1.HOWIG	NONE		18 SEP 2014

ARINC SUMMARY - 424-18 - SID

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
	ALL	BOWTT	010		IF		FB					
	ALL	HOWIG	020		TF		FB	1.0				
	ALIAN	HOWIG	010		IF		FB					
	ALIAN	HOOTT	020		TF		FB	1.0				
	ALIAN	IAMUP	030		TF		FB	1.0				
	ALIAN	ALIAN	040		TF		FB	1.0				
	BRHMA	HOWIG	010		IF		FB					
	BRHMA	SNUCK	020		TF		FB	1.0				
	BRHMA	WUDIE	030		TF		FB	1.0				
	BRHMA	KATZZ	040		TF		FB	1.0				
	BRHMA	BRHMA	050		TF		FB	1.0				
	CIKAN	HOWIG	010		IF		FB					
	CIKAN	HOOTT	020		TF		FB	1.0				
	CIKAN	JAGID	030		TF		FB	1.0				
	CIKAN	WSTEX	040		TF		FB	1.0				
	CIKAN	CIKAN	050		TF		FB	1.0				
	DOSXX	HOWIG	010		IF		FB					
	DOSXX	HOOTT	020		TF		FB	1.0				
	DOSXX	JAGID	030		TF		FB	1.0				
	DOSXX	WSTEX	040		TF		FB	1.0				
	DOSXX	DOSXX	050		TF		FB	1.0				
	DYREK	HOWIG	010		IF		FB					
	DYREK	POOBR	020		TF		FB	1.0				
	DYREK	WALIE	030		TF		FB	1.0				
	DYREK	HRPER	040		TF		FB	1.0				
	DYREK	DYREK	050		TF		FB	1.0				
	HUDAD	HOWIG	010		IF		FB					
	HUDAD	EEORE	020		TF		FB	1.0				
	HUDAD	BGLEE	030		TF		FB	1.0				
	HUDAD	HUDAD	040		TF		FB	1.0				

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	ALIAN	N324114.02	W0991323.24	N3241.234	W09913.387
	BGLEE	N331615.82	W0981351.51	N3316.264	W09813.859
	BOWTT	N325712.00	W0972902.69	N3257.200	W09729.045
	BRHMA	N333117.03	W1010235.41	N3331.284	W10102.590
	CIKAN	N322900.00	W1001900.00	N3229.000	W10019.000
	DOSXX	N322338.17	W0995655.90	N3223.636	W09956.932
	DYREK	N333927.59	W1001318.11	N3339.460	W10013.302
	EEORE	N330731.10	W0974401.33	N3307.518	W09744.022
	HOOTT	N324958.50	W0974401.79	N3249.975	W09744.030

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
HOWIG	ONE	HOWIG1.HOWIG	NONE		18 SEP 2014
HOWIG	N325753.68	W0973755.22	N3257.895	W09737.920	
HRPER	N332746.50	W0993100.93	N3327.775	W09931.016	
HUDAD	N333652.04	W0992555.62	N3336.867	W09925.927	
IAMUP	N324712.31	W0981335.68	N3247.205	W09813.595	
JAGID	N324446.26	W0981331.98	N3244.771	W09813.533	
KATZZ	N331203.68	W0993543.82	N3312.061	W09935.730	
POOBR	N330135.28	W0974403.10	N3301.588	W09744.052	
SNUCK	N325529.83	W0974401.79	N3255.497	W09744.030	
WALIE	N330903.43	W0981355.84	N3309.057	W09813.931	
WSTEX	N323242.98	W0991953.04	N3232.716	W09919.884	
WUDIE	N330004.18	W0981348.75	N3300.070	W09813.813	
RW17	N331535.86	W0973453.01	N3315.598	W09734.884	
RW35	N331454.67	W0973446.51	N3314.911	W09734.775	
RUNWAY DATA					
	THRESHOLD				
RWY	ELEVATION	TCH			
RW17	01041	45			
RW35	01037	45			

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
HOWIG	ONE	HOWIG1.HOWIG	NONE		18 SEP 2014

[illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP	KNFWK4D	HOWIG15	ALL	010BOWTTK4EA0E	IF					18000			
SUSAP	KNFWK4D	HOWIG15	ALL	020HOWIGK4EA0EE	010TF								
SUSAP	KNFWK4D	HOWIG16	ALIAN	010HOWIGK4EA0E	IF					18000			
SUSAP	KNFWK4D	HOWIG16	ALIAN	020HOOTTK4EA0E	010TF								
SUSAP	KNFWK4D	HOWIG16	ALIAN	030IAMUPK4EA0E	010TF								
SUSAP	KNFWK4D	HOWIG16	ALIAN	040ALIANK4EA0EE	010TF								
SUSAP	KNFWK4D	HOWIG16	BRHMA	010HOWIGK4EA0E	IF					18000			
SUSAP	KNFWK4D	HOWIG16	BRHMA	020SNUCKK4EA0E	010TF								
SUSAP	KNFWK4D	HOWIG16	BRHMA	030WUDIEK4EA0E	010TF								
SUSAP	KNFWK4D	HOWIG16	BRHMA	040KATZZK4EA0E	010TF								
SUSAP	KNFWK4D	HOWIG16	BRHMA	050BRHMAK4EA0EE	010TF								
SUSAP	KNFWK4D	HOWIG16	CIKAN	010HOWIGK4EA0E	IF					18000			

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
HOWIG	ONE	HOWIG1.HOWIG	NONE		18 SEP 2014

SUSAP	KNFWK4DHOWIG16CIKAN	020HOOTTK4EA0E	010TF	
SUSAP	KNFWK4DHOWIG16CIKAN	030JAGIDK4EA0E	010TF	
SUSAP	KNFWK4DHOWIG16CIKAN	040WSTEXK4EA0E	010TF	
SUSAP	KNFWK4DHOWIG16CIKAN	050CIKANK4EA0EE	010TF	
SUSAP	KNFWK4DHOWIG16DOSXX	010HOWIGK4EA0E	IF	18000
SUSAP	KNFWK4DHOWIG16DOSXX	020HOOTTK4EA0E	010TF	
SUSAP	KNFWK4DHOWIG16DOSXX	030JAGIDK4EA0E	010TF	
SUSAP	KNFWK4DHOWIG16DOSXX	040WSTEXK4EA0E	010TF	
SUSAP	KNFWK4DHOWIG16DOSXX	050DOSXXK4EA0EE	010TF	
SUSAP	KNFWK4DHOWIG16DYREK	010HOWIGK4EA0E	IF	18000
SUSAP	KNFWK4DHOWIG16DYREK	020POOBRK4EA0E	010TF	
SUSAP	KNFWK4DHOWIG16DYREK	030WALIEK4EA0E	010TF	
SUSAP	KNFWK4DHOWIG16DYREK	040HRPERK4EA0E	010TF	
SUSAP	KNFWK4DHOWIG16DYREK	050DYREKK4EA0EE	010TF	
SUSAP	KNFWK4DHOWIG16HUDAD	010HOWIGK4EA0E	IF	18000
SUSAP	KNFWK4DHOWIG16HUDAD	020EOREK4EA0E	010TF	
SUSAP	KNFWK4DHOWIG16HUDAD	030BGLEEK4EA0E	010TF	
SUSAP	KNFWK4DHOWIG16HUDAD	040HUDADK4EA0EE	010TF	

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DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
HOWIG	ONE	HOWIG1.HOWIG	NONE		18 SEP 2014

ARINC SUMMARY - 424-18 - SID

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
	ALL	BOWTT	010		IF		FB					
	ALL	HOWIG	020		TF		FB	1.0				
	ALIAN	HOWIG	010		IF		FB					
	ALIAN	HOOTT	020		TF		FB	1.0				
	ALIAN	IAMUP	030		TF		FB	1.0				
	ALIAN	ALIAN	040		TF		FB	1.0				
	BRHMA	HOWIG	010		IF		FB					
	BRHMA	SNUCK	020		TF		FB	1.0				
	BRHMA	WUDIE	030		TF		FB	1.0				
	BRHMA	KATZZ	040		TF		FB	1.0				
	BRHMA	BRHMA	050		TF		FB	1.0				
	CIKAN	HOWIG	010		IF		FB					
	CIKAN	HOOTT	020		TF		FB	1.0				
	CIKAN	JAGID	030		TF		FB	1.0				
	CIKAN	WSTEX	040		TF		FB	1.0				
	CIKAN	CIKAN	050		TF		FB	1.0				
	DOSXX	HOWIG	010		IF		FB					
	DOSXX	HOOTT	020		TF		FB	1.0				
	DOSXX	JAGID	030		TF		FB	1.0				
	DOSXX	WSTEX	040		TF		FB	1.0				
	DOSXX	DOSXX	050		TF		FB	1.0				
	DYREK	HOWIG	010		IF		FB					
	DYREK	POOBR	020		TF		FB	1.0				
	DYREK	WALIE	030		TF		FB	1.0				
	DYREK	HRPER	040		TF		FB	1.0				
	DYREK	DYREK	050		TF		FB	1.0				
	HUDAD	HOWIG	010		IF		FB					
	HUDAD	EEORE	020		TF		FB	1.0				
	HUDAD	BGLEE	030		TF		FB	1.0				
	HUDAD	HUDAD	040		TF		FB	1.0				

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	ALIAN	N324114.02	W0991323.24	N3241.234	W09913.387
	BGLEE	N331615.82	W0981351.51	N3316.264	W09813.859
	BOWTT	N325712.00	W0972902.69	N3257.200	W09729.045
	BRHMA	N333117.03	W1010235.41	N3331.284	W10102.590
	CIKAN	N322900.00	W1001900.00	N3229.000	W10019.000
	DOSXX	N322338.17	W0995655.90	N3223.636	W09956.932
	DYREK	N333927.59	W1001318.11	N3339.460	W10013.302
	EEORE	N330731.10	W0974401.33	N3307.518	W09744.022
	HOOTT	N324958.50	W0974401.79	N3249.975	W09744.030

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
HOWIG	ONE	HOWIG1.HOWIG	NONE		18 SEP 2014
HOWIG	N325753.68	W0973755.22	N3257.895	W09737.920	
HRPER	N332746.50	W0993100.93	N3327.775	W09931.016	
HUDAD	N333652.04	W0992555.62	N3336.867	W09925.927	
IAMUP	N324712.31	W0981335.68	N3247.205	W09813.595	
JAGID	N324446.26	W0981331.98	N3244.771	W09813.533	
KATZZ	N331203.68	W0993543.82	N3312.061	W09935.730	
POOBR	N330135.28	W0974403.10	N3301.588	W09744.052	
SNUCK	N325529.83	W0974401.79	N3255.497	W09744.030	
WALIE	N330903.43	W0981355.84	N3309.057	W09813.931	
WSTEX	N323242.98	W0991953.04	N3232.716	W09919.884	
WUDIE	N330004.18	W0981348.75	N3300.070	W09813.813	
RW17	N324708.43	W0972628.88	N3247.141	W09726.481	
RW35	N324509.71	W0972630.16	N3245.162	W09726.503	
RUNWAY DATA					
	THRESHOLD				
RWY	ELEVATION	TCH			
RW17	00621	63			
RW35	00650	59			

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
HOWIG	ONE	HOWIG1.HOWIG	NONE		18 SEP 2014

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	1	2	3	4	5	6	7	8	9	0	1	2	3
WP	12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012												
	SUSAEENRT	ALIAN K40	W	H	N32411402W099132324			E0050	NAR	ALIAN			
	SUSAEENRT	BGLEE K40	W	H	N33161582W098135151			E0045	NAR	BGLEE			
	SUSAEENRT	BOWTT K40	W		N32571200W097290269			E0040	NAR	BOWTT			
	SUSAEENRT	BRHMA K40	W	H	N33311703W101023541			E0061	NAR	BRHMA			
	SUSAEENRT	CIKAN K40	W	H	N32290000W100190000			E0056	NAR	CIKAN			
	SUSAEENRT	DOSXX K40	W	H	N32233817W099565590			E0054	NAR	DOSXX			
	SUSAEENRT	DYREK K40	W	H	N33392759W100131811			E0056	NAR	DYREK			
	SUSAEENRT	EEORE K40	W		N33073110W097440133			E0042	NAR	EEORE			
	SUSAEENRT	HOOTT K40	W		N32495850W097440179			E0042	NAR	HOOTT			
	SUSAEENRT	HOWIG K40	W		N32575368W097375522			E0041	NAR	HOWIG			
	SUSAEENRT	HRPER K40	W	H	N33274650W099310093			E0052	NAR	HRPER			
	SUSAEENRT	HUDAD K40	W	H	N33365204W099255562			E0052	NAR	HUDAD			
	SUSAEENRT	IAMUP K40	W	H	N32471231W098133568			E0045	NAR	IAMUP			
	SUSAEENRT	JAGID K40	W	H	N32444626W098133198			E0045	NAR	JAGID			
	SUSAEENRT	KATZZ K40	W	H	N33120368W099354382			E0053	NAR	KATZZ			
	SUSAEENRT	POOBR K40	W		N33013528W097440310			E0042	NAR	POOBR			
	SUSAEENRT	SNUCK K40	W		N32552983W097440179			E0042	NAR	SNUCK			
	SUSAEENRT	WALIE K40	W	H	N33090343W098135584			E0045	NAR	WALIE			
	SUSAEENRT	WSTEX K40	W	H	N32324298W099195304			E0051	NAR	WSTEX			
	SUSAEENRT	WUDIE K40	W	H	N33000418W098134875			E0045	NAR	WUDIE			

	1	2	3	4	5	6	7	8	9	0	1	2	3
AIRPORT	12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012												
	SUSAP	KRBDK4ARBD	0	064YHN32405110W096520550E006000660			1800018000C	MNAR	DALLAS	EXECUTIVE			

	1	2	3	4	5	6	7	8	9	0	1	2	3
SEGMENT	12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012												
	SUSAP	KRBDK4DHOWIG15ALL	010BOWTTK4EA0E	IF						18000			
	SUSAP	KRBDK4DHOWIG15ALL	020HOWIGK4EA0EE	010TF									
	SUSAP	KRBDK4DHOWIG16ALIAN	010HOWIGK4EA0E	IF						18000			
	SUSAP	KRBDK4DHOWIG16ALIAN	020HOOTTK4EA0E	010TF									
	SUSAP	KRBDK4DHOWIG16ALIAN	030IAMUPK4EA0E	010TF									
	SUSAP	KRBDK4DHOWIG16ALIAN	040ALIANK4EA0EE	010TF									
	SUSAP	KRBDK4DHOWIG16BRHMA	010HOWIGK4EA0E	IF						18000			
	SUSAP	KRBDK4DHOWIG16BRHMA	020SNUCKK4EA0E	010TF									
	SUSAP	KRBDK4DHOWIG16BRHMA	030WUDIEK4EA0E	010TF									
	SUSAP	KRBDK4DHOWIG16BRHMA	040KATZZK4EA0E	010TF									
	SUSAP	KRBDK4DHOWIG16BRHMA	050BRHMAK4EA0EE	010TF									
	SUSAP	KRBDK4DHOWIG16CIKAN	010HOWIGK4EA0E	IF						18000			

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
HOWIG	ONE	HOWIG1.HOWIG	NONE		18 SEP 2014
SUSAP	KRBDK4DHOWIG16CIKAN	020HOOTTK4EA0E	010TF		
SUSAP	KRBDK4DHOWIG16CIKAN	030JAGIDK4EA0E	010TF		
SUSAP	KRBDK4DHOWIG16CIKAN	040WSTEXK4EA0E	010TF		
SUSAP	KRBDK4DHOWIG16CIKAN	050CIKANK4EA0EE	010TF		
SUSAP	KRBDK4DHOWIG16DOSXX	010HOWIGK4EA0E	IF	18000	
SUSAP	KRBDK4DHOWIG16DOSXX	020HOOTTK4EA0E	010TF		
SUSAP	KRBDK4DHOWIG16DOSXX	030JAGIDK4EA0E	010TF		
SUSAP	KRBDK4DHOWIG16DOSXX	040WSTEXK4EA0E	010TF		
SUSAP	KRBDK4DHOWIG16DOSXX	050DOSXXK4EA0EE	010TF		
SUSAP	KRBDK4DHOWIG16DYREK	010HOWIGK4EA0E	IF	18000	
SUSAP	KRBDK4DHOWIG16DYREK	020POOBRK4EA0E	010TF		
SUSAP	KRBDK4DHOWIG16DYREK	030WALIEK4EA0E	010TF		
SUSAP	KRBDK4DHOWIG16DYREK	040HRPERK4EA0E	010TF		
SUSAP	KRBDK4DHOWIG16DYREK	050DYREKK4EA0EE	010TF		
SUSAP	KRBDK4DHOWIG16HUDAD	010HOWIGK4EA0E	IF	18000	
SUSAP	KRBDK4DHOWIG16HUDAD	020EEOREK4EA0E	010TF		
SUSAP	KRBDK4DHOWIG16HUDAD	030BGLEEK4EA0E	010TF		
SUSAP	KRBDK4DHOWIG16HUDAD	040HUDADK4EA0EE	010TF		

[illegible]

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
HOWIG	ONE	HOWIG1.HOWIG	NONE		18 SEP 2014

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ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
	ALL	BOWTT	010		IF		FB					
	ALL	HOWIG	020		TF		FB	1.0				
	ALIAN	HOWIG	010		IF		FB					
	ALIAN	HOOTT	020		TF		FB	1.0				
	ALIAN	IAMUP	030		TF		FB	1.0				
	ALIAN	ALIAN	040		TF		FB	1.0				
	BRHMA	HOWIG	010		IF		FB					
	BRHMA	SNUCK	020		TF		FB	1.0				
	BRHMA	WUDIE	030		TF		FB	1.0				
	BRHMA	KATZZ	040		TF		FB	1.0				
	BRHMA	BRHMA	050		TF		FB	1.0				
	CIKAN	HOWIG	010		IF		FB					
	CIKAN	HOOTT	020		TF		FB	1.0				
	CIKAN	JAGID	030		TF		FB	1.0				
	CIKAN	WSTEX	040		TF		FB	1.0				
	CIKAN	CIKAN	050		TF		FB	1.0				
	DOSXX	HOWIG	010		IF		FB					
	DOSXX	HOOTT	020		TF		FB	1.0				
	DOSXX	JAGID	030		TF		FB	1.0				
	DOSXX	WSTEX	040		TF		FB	1.0				
	DOSXX	DOSXX	050		TF		FB	1.0				
	DYREK	HOWIG	010		IF		FB					
	DYREK	POOBR	020		TF		FB	1.0				
	DYREK	WALIE	030		TF		FB	1.0				
	DYREK	HRPER	040		TF		FB	1.0				
	DYREK	DYREK	050		TF		FB	1.0				
	HUDAD	HOWIG	010		IF		FB					
	HUDAD	EEORE	020		TF		FB	1.0				
	HUDAD	BGLEE	030		TF		FB	1.0				
	HUDAD	HUDAD	040		TF		FB	1.0				

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	ALIAN	N324114.02	W0991323.24	N3241.234	W09913.387
	BGLEE	N331615.82	W0981351.51	N3316.264	W09813.859
	BOWTT	N325712.00	W0972902.69	N3257.200	W09729.045
	BRHMA	N333117.03	W1010235.41	N3331.284	W10102.590
	CIKAN	N322900.00	W1001900.00	N3229.000	W10019.000
	DOSXX	N322338.17	W0995655.90	N3223.636	W09956.932
	DYREK	N333927.59	W1001318.11	N3339.460	W10013.302
	EEORE	N330731.10	W0974401.33	N3307.518	W09744.022
	HOOTT	N324958.50	W0974401.79	N3249.975	W09744.030

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
HOWIG	ONE	HOWIG1.HOWIG	NONE		18 SEP 2014
HOWIG	N325753.68	W0973755.22	N3257.895	W09737.920	
HRPER	N332746.50	W0993100.93	N3327.775	W09931.016	
HUDAD	N333652.04	W0992555.62	N3336.867	W09925.927	
IAMUP	N324712.31	W0981335.68	N3247.205	W09813.595	
JAGID	N324446.26	W0981331.98	N3244.771	W09813.533	
KATZZ	N331203.68	W0993543.82	N3312.061	W09935.730	
POOBR	N330135.28	W0974403.10	N3301.588	W09744.052	
SNUCK	N325529.83	W0974401.79	N3255.497	W09744.030	
WALIE	N330903.43	W0981355.84	N3309.057	W09813.931	
WSTEX	N323242.98	W0991953.04	N3232.716	W09919.884	
WUDIE	N330004.18	W0981348.75	N3300.070	W09813.813	
RW13	N324114.36	W0965235.15	N3241.239	W09652.586	
RW17	N324108.88	W0965200.45	N3241.148	W09652.008	
RW31	N324029.16	W0965141.86	N3240.486	W09651.698	
RW35	N324031.28	W0965200.55	N3240.521	W09652.009	
RUNWAY DATA					
	RWY	THRESHOLD ELEVATION	TCH		
	RW13	00655	50		
	RW17	00651	43		
	RW31	00646	52		
	RW35	00659	45		

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
HOWIG	ONE	HOWIG1.HOWIG	NONE		18 SEP 2014

[illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP	KTKIK4D	HOWIG15	ALL	010BOWTTK4	EA0E	IF				18000			
SUSAP	KTKIK4D	HOWIG15	ALL	020HOWIGK4	EA0EE	010TF							
SUSAP	KTKIK4D	HOWIG16	ALIAN	010HOWIGK4	EA0E	IF				18000			
SUSAP	KTKIK4D	HOWIG16	ALIAN	020HOOTTK4	EA0E	010TF							
SUSAP	KTKIK4D	HOWIG16	ALIAN	030IAMUPK4	EA0E	010TF							
SUSAP	KTKIK4D	HOWIG16	ALIAN	040ALIANK4	EA0EE	010TF							
SUSAP	KTKIK4D	HOWIG16	BRHMA	010HOWIGK4	EA0E	IF				18000			
SUSAP	KTKIK4D	HOWIG16	BRHMA	020SNUCKK4	EA0E	010TF							
SUSAP	KTKIK4D	HOWIG16	BRHMA	030WUDIEK4	EA0E	010TF							
SUSAP	KTKIK4D	HOWIG16	BRHMA	040KATZZK4	EA0E	010TF							
SUSAP	KTKIK4D	HOWIG16	BRHMA	050BRHMAK4	EA0EE	010TF							
SUSAP	KTKIK4D	HOWIG16	CIKAN	010HOWIGK4	EA0E	IF				18000			

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
HOWIG	ONE	HOWIG1.HOWIG	NONE		18 SEP 2014

SUSAP	KTKIK4DHOWIG16CIKAN	020HOOTTK4EA0E	010TF	
SUSAP	KTKIK4DHOWIG16CIKAN	030JAGIDK4EA0E	010TF	
SUSAP	KTKIK4DHOWIG16CIKAN	040WSTEXK4EA0E	010TF	
SUSAP	KTKIK4DHOWIG16CIKAN	050CIKANK4EA0EE	010TF	
SUSAP	KTKIK4DHOWIG16DOSXX	010HOWIGK4EA0E	IF	18000
SUSAP	KTKIK4DHOWIG16DOSXX	020HOOTTK4EA0E	010TF	
SUSAP	KTKIK4DHOWIG16DOSXX	030JAGIDK4EA0E	010TF	
SUSAP	KTKIK4DHOWIG16DOSXX	040WSTEXK4EA0E	010TF	
SUSAP	KTKIK4DHOWIG16DOSXX	050DOSXXK4EA0EE	010TF	
SUSAP	KTKIK4DHOWIG16DYREK	010HOWIGK4EA0E	IF	18000
SUSAP	KTKIK4DHOWIG16DYREK	020POOBRK4EA0E	010TF	
SUSAP	KTKIK4DHOWIG16DYREK	030WALIEK4EA0E	010TF	
SUSAP	KTKIK4DHOWIG16DYREK	040HRPERK4EA0E	010TF	
SUSAP	KTKIK4DHOWIG16DYREK	050DYREKK4EA0EE	010TF	
SUSAP	KTKIK4DHOWIG16HUDAD	010HOWIGK4EA0E	IF	18000
SUSAP	KTKIK4DHOWIG16HUDAD	020EOREK4EA0E	010TF	
SUSAP	KTKIK4DHOWIG16HUDAD	030BGLEEK4EA0E	010TF	
SUSAP	KTKIK4DHOWIG16HUDAD	040HUDADK4EA0EE	010TF	

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DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
HOWIG	ONE	HOWIG1.HOWIG	NONE		18 SEP 2014

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ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
	ALL	BOWTT	010		IF		FB					
	ALL	HOWIG	020		TF		FB	1.0				
	ALIAN	HOWIG	010		IF		FB					
	ALIAN	HOOTT	020		TF		FB	1.0				
	ALIAN	IAMUP	030		TF		FB	1.0				
	ALIAN	ALIAN	040		TF		FB	1.0				
	BRHMA	HOWIG	010		IF		FB					
	BRHMA	SNUCK	020		TF		FB	1.0				
	BRHMA	WUDIE	030		TF		FB	1.0				
	BRHMA	KATZZ	040		TF		FB	1.0				
	BRHMA	BRHMA	050		TF		FB	1.0				
	CIKAN	HOWIG	010		IF		FB					
	CIKAN	HOOTT	020		TF		FB	1.0				
	CIKAN	JAGID	030		TF		FB	1.0				
	CIKAN	WSTEX	040		TF		FB	1.0				
	CIKAN	CIKAN	050		TF		FB	1.0				
	DOSXX	HOWIG	010		IF		FB					
	DOSXX	HOOTT	020		TF		FB	1.0				
	DOSXX	JAGID	030		TF		FB	1.0				
	DOSXX	WSTEX	040		TF		FB	1.0				
	DOSXX	DOSXX	050		TF		FB	1.0				
	DYREK	HOWIG	010		IF		FB					
	DYREK	POOBR	020		TF		FB	1.0				
	DYREK	WALIE	030		TF		FB	1.0				
	DYREK	HRPER	040		TF		FB	1.0				
	DYREK	DYREK	050		TF		FB	1.0				
	HUDAD	HOWIG	010		IF		FB					
	HUDAD	EEORE	020		TF		FB	1.0				
	HUDAD	BGLEE	030		TF		FB	1.0				
	HUDAD	HUDAD	040		TF		FB	1.0				

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	ALIAN	N324114.02	W0991323.24	N3241.234	W09913.387
	BGLEE	N331615.82	W0981351.51	N3316.264	W09813.859
	BOWTT	N325712.00	W0972902.69	N3257.200	W09729.045
	BRHMA	N333117.03	W1010235.41	N3331.284	W10102.590
	CIKAN	N322900.00	W1001900.00	N3229.000	W10019.000
	DOSXX	N322338.17	W0995655.90	N3223.636	W09956.932
	DYREK	N333927.59	W1001318.11	N3339.460	W10013.302
	EEORE	N330731.10	W0974401.33	N3307.518	W09744.022
	HOOTT	N324958.50	W0974401.79	N3249.975	W09744.030

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
HOWIG	ONE	HOWIG1.HOWIG	NONE		18 SEP 2014
HOWIG	N325753.68	W0973755.22	N3257.895	W09737.920	
HRPER	N332746.50	W0993100.93	N3327.775	W09931.016	
HUDAD	N333652.04	W0992555.62	N3336.867	W09925.927	
IAMUP	N324712.31	W0981335.68	N3247.205	W09813.595	
JAGID	N324446.26	W0981331.98	N3244.771	W09813.533	
KATZZ	N331203.68	W0993543.82	N3312.061	W09935.730	
POOBR	N330135.28	W0974403.10	N3301.588	W09744.052	
SNUCK	N325529.83	W0974401.79	N3255.497	W09744.030	
WALIE	N330903.43	W0981355.84	N3309.057	W09813.931	
WSTEX	N323242.98	W0991953.04	N3232.716	W09919.884	
WUDIE	N330004.18	W0981348.75	N3300.070	W09813.813	
RW18	N331112.05	W0963518.04	N3311.201	W09635.301	
RW36	N331002.82	W0963521.08	N3310.047	W09635.351	
RUNWAY DATA					
	THRESHOLD				
RWY	ELEVATION	TCH			
RW18	00576	53			
RW36	00589	50			

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
HOWIG	ONE	HOWIG1.HOWIG	NONE		18 SEP 2014

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	1	2	3	4	5	6	7	8	9	0	1	2	3
WP	12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012												
	SUSAEENRT	ALIAN K40	W	H	N32411402W099132324			E0050	NAR	ALIAN			
	SUSAEENRT	BGLEE K40	W	H	N33161582W098135151			E0045	NAR	BGLEE			
	SUSAEENRT	BOWTT K40	W		N32571200W097290269			E0040	NAR	BOWTT			
	SUSAEENRT	BRHMA K40	W	H	N33311703W101023541			E0061	NAR	BRHMA			
	SUSAEENRT	CIKAN K40	W	H	N32290000W100190000			E0056	NAR	CIKAN			
	SUSAEENRT	DOSXX K40	W	H	N32233817W099565590			E0054	NAR	DOSXX			
	SUSAEENRT	DYREK K40	W	H	N33392759W100131811			E0056	NAR	DYREK			
	SUSAEENRT	EEORE K40	W		N33073110W097440133			E0042	NAR	EEORE			
	SUSAEENRT	HOOTT K40	W		N32495850W097440179			E0042	NAR	HOOTT			
	SUSAEENRT	HOWIG K40	W		N32575368W097375522			E0041	NAR	HOWIG			
	SUSAEENRT	HRPER K40	W	H	N33274650W099310093			E0052	NAR	HRPER			
	SUSAEENRT	HUDAD K40	W	H	N33365204W099255562			E0052	NAR	HUDAD			
	SUSAEENRT	IAMUP K40	W	H	N32471231W098133568			E0045	NAR	IAMUP			
	SUSAEENRT	JAGID K40	W	H	N32444626W098133198			E0045	NAR	JAGID			
	SUSAEENRT	KATZZ K40	W	H	N33120368W099354382			E0053	NAR	KATZZ			
	SUSAEENRT	POOBR K40	W		N33013528W097440310			E0042	NAR	POOBR			
	SUSAEENRT	SNUCK K40	W		N32552983W097440179			E0042	NAR	SNUCK			
	SUSAEENRT	WALIE K40	W	H	N33090343W098135584			E0045	NAR	WALIE			
	SUSAEENRT	WSTEX K40	W	H	N32324298W099195304			E0051	NAR	WSTEX			
	SUSAEENRT	WUDIE K40	W	H	N33000418W098134875			E0045	NAR	WUDIE			

	1	2	3	4	5	6	7	8	9	0	1	2	3
AIRPORT	12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012												
	SUSAP KWEAK4AWEA	0	028YHN32444663W097405683E005000991			1800018000C	MNAR	PARKER COUNTY					

	1	2	3	4	5	6	7	8	9	0	1	2	3
SEGMENT	12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012												
	SUSAP KWEAK4DHOWIG15ALL	010BOWTTK4EA0E	IF							18000			
	SUSAP KWEAK4DHOWIG15ALL	020HOWIGK4EA0EE	010TF										
	SUSAP KWEAK4DHOWIG16ALIAN	010HOWIGK4EA0E	IF							18000			
	SUSAP KWEAK4DHOWIG16ALIAN	020HOOTTK4EA0E	010TF										
	SUSAP KWEAK4DHOWIG16ALIAN	030IAMUPK4EA0E	010TF										
	SUSAP KWEAK4DHOWIG16ALIAN	040ALIANK4EA0EE	010TF										
	SUSAP KWEAK4DHOWIG16BRHMA	010HOWIGK4EA0E	IF							18000			
	SUSAP KWEAK4DHOWIG16BRHMA	020SNUCKK4EA0E	010TF										
	SUSAP KWEAK4DHOWIG16BRHMA	030WUDIEK4EA0E	010TF										
	SUSAP KWEAK4DHOWIG16BRHMA	040KATZZK4EA0E	010TF										
	SUSAP KWEAK4DHOWIG16BRHMA	050BRHMAK4EA0EE	010TF										
	SUSAP KWEAK4DHOWIG16CIKAN	010HOWIGK4EA0E	IF							18000			

DEPARTURE (DATA RECORD)

[illegible]

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
HOWIG	ONE	HOWIG1.HOWIG	NONE		

ARINC SUMMARY - 424-18 - SID

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	ALL	BOWTT	010		IF		FB					
	ALL	HOWIG	020		TF		FB	1.0				
	ALIAN	HOWIG	010		IF		FB					
	ALIAN	HOOTT	020		TF		FB	1.0				
	ALIAN	IAMUP	030		TF		FB	1.0				
	ALIAN	ALIAN	040		TF		FB	1.0				
	BRHMA	HOWIG	010		IF		FB					
	BRHMA	SNUCK	020		TF		FB	1.0				
	BRHMA	WUDIE	030		TF		FB	1.0				
	BRHMA	KATZZ	040		TF		FB	1.0				
	BRHMA	BRHMA	050		TF		FB	1.0				
	CIKAN	HOWIG	010		IF		FB					
	CIKAN	HOOTT	020		TF		FB	1.0				
	CIKAN	JAGID	030		TF		FB	1.0				
	CIKAN	WSTEX	040		TF		FB	1.0				
	CIKAN	CIKAN	050		TF		FB	1.0				
	DOSXX	HOWIG	010		IF		FB					
	DOSXX	HOOTT	020		TF		FB	1.0				
	DOSXX	JAGID	030		TF		FB	1.0				
	DOSXX	WSTEX	040		TF		FB	1.0				
	DOSXX	DOSXX	050		TF		FB	1.0				
	DYREK	HOWIG	010		IF		FB					
	DYREK	POOBR	020		TF		FB	1.0				
	DYREK	WALIE	030		TF		FB	1.0				
	DYREK	HRPER	040		TF		FB	1.0				
	DYREK	DYREK	050		TF		FB	1.0				
	HUDAD	HOWIG	010		IF		FB					
	HUDAD	EEORE	020		TF		FB	1.0				
	HUDAD	BGLEE	030		TF		FB	1.0				
	HUDAD	HUDAD	040		TF		FB	1.0				

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	ALIAN	N324114.02	W0991323.24	N3241.234	W09913.387
	BGLEE	N331615.82	W0981351.51	N3316.264	W09813.859
	BOWTT	N325712.00	W0972902.69	N3257.200	W09729.045
	BRHMA	N333117.03	W1010235.41	N3331.284	W10102.590
	CIKAN	N322900.00	W1001900.00	N3229.000	W10019.000
	DOSXX	N322338.17	W0995655.90	N3223.636	W09956.932
	DYREK	N333927.59	W1001318.11	N3339.460	W10013.302
	EEORE	N330731.10	W0974401.33	N3307.518	W09744.022
	HOOTT	N324958.50	W0974401.79	N3249.975	W09744.030

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
HOWIG	ONE	HOWIG1.HOWIG	NONE		18 SEP 2014
HOWIG	N325753.68	W0973755.22	N3257.895	W09737.920	
HRPER	N332746.50	W0993100.93	N3327.775	W09931.016	
HUDAD	N333652.04	W0992555.62	N3336.867	W09925.927	
IAMUP	N324712.31	W0981335.68	N3247.205	W09813.595	
JAGID	N324446.26	W0981331.98	N3244.771	W09813.533	
KATZZ	N331203.68	W0993543.82	N3312.061	W09935.730	
POOBR	N330135.28	W0974403.10	N3301.588	W09744.052	
SNUCK	N325529.83	W0974401.79	N3255.497	W09744.030	
WALIE	N330903.43	W0981355.84	N3309.057	W09813.931	
WSTEX	N323242.98	W0991953.04	N3232.716	W09919.884	
WUDIE	N330004.18	W0981348.75	N3300.070	W09813.813	
RW17	N324458.76	W0974056.73	N3244.979	W09740.946	
RW35	N324432.33	W0974056.94	N3244.539	W09740.949	
RUNWAY DATA					
	THRESHOLD				
RWY	ELEVATION	TCH			
RW17	00988	50			
RW35	00983	50			