

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.
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DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
JOE POOL	EIGHT	JPOOL8.TTT	SEVEN	25 JUN 15	31 MAR 2016

TYPE: SID

DP ROUTE DESCRIPTION:

DALLAS/FORT WORTH INTL

TAKEOFF RWY 13L/R, 31L/R, 17L, 35R: CLIMB ON ASSIGNED HEADING AND ALTITUDE, THENCE...
TAKEOFF RWY 17C/R: CLIMB HEADING 160.00, THENCE...
TAKEOFF RWY 18L/R: CLIMB HEADING 185.00, THENCE...
TAKEOFF RWY 35L/C: CLIMB HEADING 005.00, THENCE...
TAKEOFF RWY 36L/R: CLIMB HEADING 340.00, THENCE...

...EXPECT VECTORS TO APPROPRIATE ROUTE, UNLESS OTHERWISE ADVISED MAINTAIN 10000 AND EXPECT FILED ALTITUDE 10 MINUTES AFTER DEPARTURE. MAINTAIN 240 KIAS UNTIL LEAVING 5000.

DALLAS-LOVE FIELD

JETS: TAKEOFF RWY 13L/R: CLIMB HEADING 133.00, EXPECT VECTOR TO APPROPRIATE ROUTE, MAINTAIN 8000 AND EXPECT FILED ALTITUDE 10 MINUTES AFTER DEPARTURE.

JETS: TAKEOFF RWY 31L/R: CLIMB HEADING 313.00 UNTIL THE LVF OR OVW LOCALIZER 5.50 DME, THEN RIGHT TURN HEADING 013.00 FOR VECTOR TO THE APPROPRIATE ROUTE, MAINTAIN 5000 AND EXPECT FILED ALTITUDE 10 MINUTES AFTER DEPARTURE.

PROPS: PROPS DEPARTING DAL MUST CONTACT CLEARANCE DELIVERY FOR DEPARTURE INSTRUCTIONS.

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 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.



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LANCASTER RGNL

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

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: WHEN ENTERING CONTROLLED AIRSPACE, FLY ASSIGNED HEADING AND ALTITUDE, EXPECT VECTOR TO APPROPRIATE ROUTE..

TRANSITION ROUTES (GRAPHIC DEPICTION ONLY):

Transition Name	Transition Computer Codes	From FIX/NAVAID	To FIX/NAVAID	Course	Distance	MEA	MOCA	Crossing Altitudes/Fixes
ARDIA	JPOOL8.ARDIA	TTT VOR/DME	ARDIA	165.51 (TTT R-166)	35.36	4000		
BILEE	JPOOL8.BILEE	TTT VOR/DME	DARTZ	155.52 (TTT R-156)	36.82	4000		
			BRDEN	155.52 (TTT R-156)	25.18	6000		
			TORNN	155.52 (TTT R-156)	23.08	6000		
			BILEE	154.40 (TNV R-334)	22.38	6000		
BRDEN	JPOOL8.BRDEN	TTT VOR/DME	DARTZ	155.52 (TTT R-156)	36.82	4000		
			BRDEN	155.52 (TTT R-156)	25.18	6000		
COLLEGE STATION	JPOOL8.CLL	TTT VOR/DME	ARDIA	165.51 (TTT R-166)	35.36	4000		
			ELLVR	165.51 (TTT R-166)	34.92	7000		
			CLL VORTAC	154.09 (CLL R-334)	69.44	7000		
ELLVR	JPOOL8.ELLVR	TTT VOR/DME	ARDIA	165.51 (TTT R-166)	35.36	4000		
			ELLVR	165.51 (TTT R-166)	34.92	7000		
HOARY	JPOOL8.HOARY	TTT VOR/DME	NELYN	185.94 (TTT R-186)	35.75	4000		
			ACT VORTAC	177.47 (ACT R-357)	37.52	4000		
			HOARY	193.00 (ACT R-193)	70.00	12000		
JASPA	JPOOL8.JASPA	TTT VOR/DME	JASPA	175.54 (TTT R-176)	34.99	4000		
SAN ANTONIO	JPOOL8.SAT	TTT VOR/DME	NELYN	185.94 (TTT R-186)	35.75	4000		
			ACT VORTAC	177.47 (ACT R-357)	37.52	4000		
			HOARY	193.00 (ACT R-193)	70.00	12000		
			SAT VORTAC	204.41 (SAT R-024)	66.29	12000		
TORNN	JPOOL8.TORNN	TTT VOR/DME	DARTZ	155.52 (TTT R-156)	36.82	4000		
			BRDEN	155.52 (TTT R-156)	25.18	6000		

QUALITY
3
CHECKED

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			TORNN	155.52 (TTT R-156)	23.08	6000	
WACO	JPOOL8.ACT	TTT VOR/DME	NELYN	185.94 (TTT R-186)	35.75	4000	
			ACT VORTAC	177.47 (ACT R-357)	37.52	4000	
WINDU	JPOOL8.WINDU	TTT VOR/DME	JASPA	175.54 (TTT R-176)	34.99	4000	
			WINDU	175.54 (TTT R-176)	45.19	8000	

PROCEDURAL DATA NOTES/TAKEOFF MINIMUMS:

ARDIA TRANSITION: ATC ASSIGNED.

BILEE TRANSITION: FOR NON GPS OR DME/DME/IRU EQUIPPED AIRCRAFT OVERFLYING BILEE INT THEN VIA THE APPROPRIATE STAR TO IAH, CXO, OR DWH. ALSO FOR AIRCRAFT OVERFLYING BILEE INT VIA J87 TO TNV VORTAC.

COLLEGE STATION TRANSITION: FOR PISTON AND TURBOPROP AIRCRAFT DESTINED TO HOU, EFD, GLS, OR LBX. ALSO FOR ALL OTHER AIRCRAFT TYPES DESTINED TO ALL OTHER HOUSTON TERMINAL AREA AIRPORTS EXCEPT IAH, CXO, OR DWH.

ELLVR TRANSITION: FOR TURBOJET AIRCRAFT DESTINED TO HOU, EFD, GLS, OR LBX.

JASPA TRANSITION: ATC ASSIGNED.

SAN ANTONIO TRANSITION: FOR AIRCRAFT OVERFLYING CENTEX AND SAN ANTONIO.

TORNN TRANSITION: FOR GPS OR DME/DME/IRU EQUIPPED AIRCRAFT OVERFLYING TORNN INT THEN VIA THE APPROPRIATE RNAV STAR TO IAH, CXO, OR DWH. ALSO FOR AIRCRAFT LANDING IN THE LAFAYETTE, LAKE CHARLES, OR BEAUMONT/PORT ARTHUR TERMINAL AREAS.

WACO TRANSITION: FOR AIRCRAFT INBOUND TO WACO OR GRAY TERMINAL AREA AIRPORTS.

WINDU TRANSITION: FOR AIRCRAFT INBOUND TO AUSTIN OR SAN ANTONIO TERMINAL AIRPORTS, AIRCRAFT SHOULD FILE AND/OR EXPECT THE BLEWE OR MARCS ARRIVAL AT WINDU.

NOTE (ALL AIRPORTS): RADAR REQUIRED.

NOTE (ALL AIRPORTS): DME REQUIRED FOR BRDEN, TORNN, AND BILEE TRANSITIONS.

NOTE (DALLAS/FORT WORTH INTL ONLY): PROPS: EXPECT KEENE OR TRI-GATE DEPARTURE.

NOTE (DALLAS-LOVE FIELD ONLY): RWY 31L/R: DME REQUIRED.

TAKEOFF MINIMUMS:

DALLAS/FORT WORTH INTL

RWY 13L, 13R, 17C, 17L, 17R, 18L, 18R, 31L, 31R, 35C, 35L, 36L, 36R, STANDARD.

RWY 35R, STANDARD WITH A MINIMUM CLIMB OF 240 FT PER NM TO 1200.

DALLAS-LOVE FIELD

RWY 31L/R, STANDARD.

RWY 13L, STANDARD WITH A MINIMUM CLIMB OF 290 FT PER NM TO 1700.

RWY 13R, STANDARD WITH A MINIMUM CLIMB OF 315 FT PER NM TO 1700.

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



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COLLIN COUNTY RGNL AT MC KINNEY
RWY 18, 36, STANDARD.

FORT WORTH ALLIANCE
RWY 34R, 34L, 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, STANDARD.

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.

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 18, 36, STANDARD.



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TAKEOFF OBSTACLES NOTES:

DALLAS/FORT WORTH INTL

NOTE: RWY 31L, TREES BEGINNING 928 FT FROM DER, 724 FT LEFT OF CENTERLINE, UP TO 55 FT AGL/654 FT MSL. TREES 1229 FT FROM DER, 729 FT RIGHT OF CENTERLINE, UP TO 28 FT AGL/637 FT MSL. TRANSMISSION POLES AND TOWERS BEGINNING 3402 FT FROM DER, 1398 FT RIGHT OF CENTERLINE, UP TO 110 FT AGL/730 FT MSL.

NOTE: RWY 31R, BUILDING 732 FT FROM DER, 633 FT LEFT OF CENTERLINE, 34 FT AGL/604 FT MSL.

NOTE: RWY 35R, BUILDING 5466 FT FROM DER, 758 FT RIGHT OF CENTERLINE, 135 FT AGL/674 FT MSL. BUILDING 1.1 NM FROM DER, 240 FEET RIGHT OF CENTERLINE, 173 FT AGL/714 FT MSL.

DALLAS-LOVE FIELD

NOTE: RWY 31L, TREES BEGINNING 327 FT FROM DER, 374 FT RIGHT OF CENTERLINE, UP TO 60 FT AGL/501 FT MSL.

NOTE: RWY 31R, POLE 38 FT FROM DER, 501 FT LEFT OF CENTERLINE, 27 FT AGL/487 FT MSL. TREES BEGINNING 366 FT FROM DER, 552 FT RIGHT OF CENTERLINE, UP TO 65 FT AGL/530 FT MSL. POLE 1531 FT FROM DER, 719 FT RIGHT OF CENTERLINE, UP TO 61 FT AGL/521 FT MSL.

NOTE: RWY 13L, TREES, POLES, AND ELECTRICAL SYSTEMS BEGINNING 844 FT FROM DER, 515 FT LEFT OF CENTERLINE, UP TO 45 FT AGL/541 FT MSL. CRANE 5270 FT FROM DER, 568 FT LEFT OF CENTERLINE, 130 FT AGL/630 FT MSL.

NOTE: RWY 13R, POLES AND FENCES BEGINNING 693 FT FROM DER, 601 FT RIGHT OF CENTERLINE, UP TO 29 FT AGL/501 FT MSL. SIGN 779 FT FROM DER, 669 FT LEFT OF CENTERLINE, 30 FT AGL/503 FT MSL. TREES BEGINNING 1122 FT FROM DER, 670 FT LEFT AND RIGHT OF CENTERLINE, UP TO 40 FT AGL/514 FT MSL. SIGN 1424 FT FROM DER, 763 FT LEFT OF CENTERLINE, 45 FT AGL/516 FT MSL. ROD ON STACK 2234 FT FROM DER, 979 FT LEFT OF CENTERLINE, 65 FT AGL/537 FT MSL.

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.

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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.

FORT WORTH MEACHAM INTL

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 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

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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.

NOTE: RWY 35, POLE 2686 FT FROM DER, 121 FT LEFT OF CENTERLINE, 75 FT AGL/653 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.

MESQUITE METRO

NOTE: RWY 18, 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 36, 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.

CONTROLLING OBSTACLES:

DALLAS/FORT WORTH INTL

RWY 35R: 1016 FT MSL TOWER 325629.00N/0965931.00W.

DALLAS-LOVE FIELD

RWY 13L, 13R: 1368 FT MSL ANTENNA ON BLDG 324648.00N/0964814.00W.

RWY 31L, 31R: 1049 FT MSL TOWER 325216.00N/0965523.00W.

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 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.



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
JOE POOL	EIGHT	JPOOL8.TTT	SEVEN	25 JUN 15	31 MAR 2016

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.**LOST COMMUNICATIONS PROCEDURES:****ADDITIONAL FLIGHT DATA:****CHART:** CQY R-275 AT DARTZ; ACT R-093 AT TORN; LOA R-269 AT BILEE; CQY R-273 AT ARDIA; ACT R-074 AT ELLVR; JEN R-074 AT JASPA; ACT R-120 AND CWK R-012 AT WINDU; JEN R-072 AT NELYN; CWK R-307 AT HOARY.**CHART:** TSA GLIDERPORT.**CHART HOLDING PATTERN:** TORN (HOLD NW ON TNV R-334, RIGHT TURNS, 154.40 INBOUND).**CHART:** CLL VORTAC – 113.3, CQY VORTAC – 114.8.**DALLAS/FORT WORTH INTL:** CHART: TOP ALTITUDE 10000.**DALLAS LOVE FIELD:** CHART: TOP ALTITUDE: RWY 13L, 13R: 8000; RWY 31L, 31R: 5000.**ALL OTHER AIRPORTS:** CHART TOP ALTITUDE ASSIGNED BY ATC.**AIRPORTS SERVED:**

DALLAS/FORT WORTH INTL
 DALLAS-LOVE FIELD
 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

DALLAS-FORT WORTH, TX
 DALLAS, TX
 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

QUALITY
 3
 CHECKED

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
JOE POOL	EIGHT	JPOOL8.TTT	SEVEN	25 JUN 15	31 MAR 2016

COMMUNICATIONS:

ATIS: DFW, DAL, ADS, RBD, AFW, FTW, FWS, NFW. **CLNC DEL:** DFW, DAL, ADS, RBD, TKI, AFW, FTW, NFW, GKY, DTO.

GND CON: DFW, DAL, ADS, RBD, TKI, AFW, FTW, FWS, NFW, GKY, DTO, GPM. **TOWER:** DFW, DAL, ADS, RBD, TKI, AFW, FTW, FWS, NFW, GKY, DTO, GPM.

CTAF: ADS, RBD, TKI, FWS, GKY, DTO GPM, LNC, HQZ. **DEP CON:** REGIONAL DEP CON.

FIXES AND/OR NAVAIDS:

QUALITY
3
CHECKED

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
JOE POOL	EIGHT	JPOOL8.TTT	SEVEN	25 JUN 15	31 MAR 2016

CHANGES:

1. IN DP ROUTE DESCRIPTION, CHANGED DALLAS-LOVE FIELD RWY 13L/R CLIMB HEADING FROM 130 TO 133, RWY 31L/R FROM 310 TO 313, AND RWY 31L/R RIGHT TURN HEADING FROM 010 TO 013.

REASONS:

1. MAGVAR UPDATED FROM 6E/1990 TO 3E/2020.



DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
JOE POOL	EIGHT	JPOOL8 .TTT	SEVEN	25 JUN 15	31 MAR 2016

ARINC SUMMARY - KADS

ROUTES

TRANSITION	WPT SEQ	WPT NAME	LEG TYPE	FB/FO	RNP	MAG CRS	REC NAV	ANGLE	TURN DIR	CENTER FIX	TURN RADIUS	ALTITUDE DESCRIPTION & VALUE	SPEED LIMIT DESCRIPTION & VALUE	WPT DESCRIPTION CODE
ALL	010	TTT	IF	FB										VE
ACT	010	TTT	IF	FB										V
ACT	020	NELYN	TF	FB										E
ACT	030	ACT	TF	FB										VE
ARDIA	010	TTT	IF	FB										V
ARDIA	020	ARDIA	TF	FB										EE
BILEE	010	TTT	IF	FB										V
BILEE	020	DARTZ	TF	FB										E
BILEE	030	BRDEN	TF	FB										E
BILEE	040	TORNN	TF	FB										E H
BILEE	050	BILEE	TF	FB										EE
BRDEN	010	TTT	IF	FB										V
BRDEN	020	DARTZ	TF	FB										E
BRDEN	030	BRDEN	TF	FB										EE
CLL	010	TTT	IF	FB										V
CLL	020	ARDIA	TF	FB										E
CLL	030	ELLVR	TF	FB										E
CLL	040	CLL	TF	FB										VE
ELLVR	010	TTT	IF	FB										V
ELLVR	020	ARDIA	TF	FB										E
ELLVR	030	ELLVR	TF	FB										EE
HOARY	010	TTT	IF	FB										V
HOARY	020	NELYN	TF	FB										E
HOARY	030	ACT	TF	FB										V
HOARY	040	HOARY	TF	FB										EE
JASPA	010	TTT	IF	FB										V
JASPA	020	JASPA	TF	FB										EE
SAT	010	TTT	IF	FB										V
SAT	020	NELYN	TF	FB										E
SAT	030	ACT	TF	FB										V
SAT	040	HOARY	TF	FB										E
SAT	050	SAT	TF	FB										VE
TORNN	010	TTT	IF	FB										V
TORNN	020	DARTZ	TF	FB										E
TORNN	030	BRDEN	TF	FB										E
TORNN	040	TORNN	TF	FB										EE H
WINDU	010	TTT	IF	FB										V
WINDU	020	JASPA	TF	FB										E

QUALITY
15
CHECKED

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
JOE POOL	EIGHT	JPOOL8 . TTT	SEVEN	25 JUN 15	31 MAR 2016
WINDU	030	WINDU	TF	FB	EE
POINTS					
POINT NAME	LATITUDE	LONGITUDE			
ACT	N313944.39	W0971608.53			
CLL	N303618.01	W0962514.45			
SAT	N293838.51	W0982740.73			
TTT	N325208.98	W0970225.81			
ARDIA	N321706.26	W0965616.32			
BILEE	N310952.25	W0962253.62			
BRDEN	N315311.46	W0963920.96			
DARTZ	N321708.72	W0964839.78			
ELLVR	N314229.22	W0965016.05			
HOARY	N303437.88	W0974631.01			
JASPA	N321706.11	W0970332.37			
NELYN	N321705.86	W0971109.28			
TORNN	N313113.39	W0963052.96			
WINDU	N313149.93	W0970457.06			
RUNWAYS					
RUNWAY	THRESHOLD LATITUDE	THRESHOLD LONGITUDE	THRESHOLD ELEVATION		
RW15	N325831.14	W0965021.88	00634		
RW33	N325740.53	W0964959.75	00639		

QUALITY
15
CHECKED

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
JOE POOL	EIGHT	JPOOL8 .TTT	SEVEN	25 JUN 15	31 MAR 2016

ARINC SUMMARY - KAFW

ROUTES

TRANSITION	WPT SEQ	WPT NAME	LEG TYPE	FB/FO	RNP	MAG CRS	REC NAV	ANGLE	TURN DIR	CENTER FIX	TURN RADIUS	ALTITUDE DESCRIPTION & VALUE	SPEED LIMIT DESCRIPTION & VALUE	WPT DESCRIPTION CODE
ALL	010	TTT	IF	FB										VE
ACT	010	TTT	IF	FB										V
ACT	020	NELYN	TF	FB										E
ACT	030	ACT	TF	FB										VE
ARDIA	010	TTT	IF	FB										V
ARDIA	020	ARDIA	TF	FB										EE
BILEE	010	TTT	IF	FB										V
BILEE	020	DARTZ	TF	FB										E
BILEE	030	BRDEN	TF	FB										E
BILEE	040	TORNN	TF	FB										E H
BILEE	050	BILEE	TF	FB										EE
BRDEN	010	TTT	IF	FB										V
BRDEN	020	DARTZ	TF	FB										E
BRDEN	030	BRDEN	TF	FB										EE
CLL	010	TTT	IF	FB										V
CLL	020	ARDIA	TF	FB										E
CLL	030	ELLVR	TF	FB										E
CLL	040	CLL	TF	FB										VE
ELLVR	010	TTT	IF	FB										V
ELLVR	020	ARDIA	TF	FB										E
ELLVR	030	ELLVR	TF	FB										EE
HOARY	010	TTT	IF	FB										V
HOARY	020	NELYN	TF	FB										E
HOARY	030	ACT	TF	FB										V
HOARY	040	HOARY	TF	FB										EE
JASPA	010	TTT	IF	FB										V
JASPA	020	JASPA	TF	FB										EE
SAT	010	TTT	IF	FB										V
SAT	020	NELYN	TF	FB										E
SAT	030	ACT	TF	FB										V
SAT	040	HOARY	TF	FB										E
SAT	050	SAT	TF	FB										VE
TORNN	010	TTT	IF	FB										V
TORNN	020	DARTZ	TF	FB										E
TORNN	030	BRDEN	TF	FB										E
TORNN	040	TORNN	TF	FB										EE H
WINDU	010	TTT	IF	FB										V
WINDU	020	JASPA	TF	FB										E

QUALITY
15
CHECKED

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
JOE POOL	EIGHT	JPOOL8 . TTT	SEVEN	25 JUN 15	31 MAR 2016

WINDU 030 WINDU TF FB

EE

POINTS

POINT NAME	LATITUDE	LONGITUDE
ACT	N313944.39	W0971608.53
CLL	N303618.01	W0962514.45
SAT	N293838.51	W0982740.73
TTT	N325208.98	W0970225.81
ARDIA	N321706.26	W0965616.32
BILEE	N310952.25	W0962253.62
BRDEN	N315311.46	W0963920.96
DARTZ	N321708.72	W0964839.78
ELLVR	N314229.22	W0965016.05
HOARY	N303437.88	W0974631.01
JASPA	N321706.11	W0970332.37
NELYN	N321705.86	W0971109.28
TORN	N313113.39	W0963052.96
WINDU	N313149.93	W0970457.06

RUNWAYS

RUNWAY	THRESHOLD LATITUDE	THRESHOLD LONGITUDE	THRESHOLD ELEVATION
RW16L	N325952.34	W0971911.93	00715
RW16R	N325942.54	W0971917.07	00711
RW34L	N325837.05	W0971903.67	00668
RW34R	N325832.30	W0971855.54	00664

QUALITY
15
CHECKED

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
JOE POOL	EIGHT	JPOOL8 .TTT	SEVEN	25 JUN 15	31 MAR 2016

ARINC SUMMARY - KDAL

ROUTES

TRANSITION	WPT SEQ	WPT NAME	LEG TYPE	FB/FO	RNP	MAG CRS	REC NAV	ANGLE	TURN DIR	CENTER FIX	TURN RADIUS	ALTITUDE DESCRIPTION & VALUE	SPEED LIMIT DESCRIPTION & VALUE	WPT DESCRIPTION CODE
RW13B	010	TTT	IF	FB										VE
RW31B	010	TTT	IF	FB										VE
ACT	010	TTT	IF	FB										V
ACT	020	NELYN	TF	FB										E
ACT	030	ACT	TF	FB										VE
ARDIA	010	TTT	IF	FB										V
ARDIA	020	ARDIA	TF	FB										EE
BILEE	010	TTT	IF	FB										V
BILEE	020	DARTZ	TF	FB										E
BILEE	030	BRDEN	TF	FB										E
BILEE	040	TORN	TF	FB										E H
BILEE	050	BILEE	TF	FB										EE
BRDEN	010	TTT	IF	FB										V
BRDEN	020	DARTZ	TF	FB										E
BRDEN	030	BRDEN	TF	FB										EE
CLL	010	TTT	IF	FB										V
CLL	020	ARDIA	TF	FB										E
CLL	030	ELLVR	TF	FB										E
CLL	040	CLL	TF	FB										VE
ELLVR	010	TTT	IF	FB										V
ELLVR	020	ARDIA	TF	FB										E
ELLVR	030	ELLVR	TF	FB										EE
HOARY	010	TTT	IF	FB										V
HOARY	020	NELYN	TF	FB										E
HOARY	030	ACT	TF	FB										V
HOARY	040	HOARY	TF	FB										EE
JASPA	010	TTT	IF	FB										V
JASPA	020	JASPA	TF	FB										EE
SAT	010	TTT	IF	FB										V
SAT	020	NELYN	TF	FB										E
SAT	030	ACT	TF	FB										V
SAT	040	HOARY	TF	FB										E
SAT	050	SAT	TF	FB										VE
TORN	010	TTT	IF	FB										V
TORN	020	DARTZ	TF	FB										E
TORN	030	BRDEN	TF	FB										E
TORN	040	TORN	TF	FB										EE H
WINDU	010	TTT	IF	FB										V

QUALITY
15
CHECKED

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
JOE POOL	EIGHT	JPOOL8 .TTT	SEVEN	25 JUN 15	31 MAR 2016

WINDU	020	JASPA	TF	FB
WINDU	030	WINDU	TF	FB

E
EE

POINTS

POINT NAME	LATITUDE	LONGITUDE
ACT	N313944.39	W0971608.53
CLL	N303618.01	W0962514.45
SAT	N293838.51	W0982740.73
TTT	N325208.98	W0970225.81
ARDIA	N321706.26	W0965616.32
BILEE	N310952.25	W0962253.62
BRDEN	N315311.46	W0963920.96
DARTZ	N321708.72	W0964839.78
ELLVR	N314229.22	W0965016.05
HOARY	N303437.88	W0974631.01
JASPA	N321706.11	W0970332.37
NELYN	N321705.86	W0971109.28
TORNN	N313113.39	W0963052.96
WINDU	N313149.93	W0970457.06

RUNWAYS

RUNWAY	THRESHOLD LATITUDE	THRESHOLD LONGITUDE	THRESHOLD ELEVATION
RW13L	N325123.36	W0965121.21	00480
RW13R	N325101.28	W0965144.42	00476
RW31L	N325002.51	W0965036.30	00476
RW31R	N325031.36	W0965020.95	00487

QUALITY
15
CHECKED

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
JOE POOL	EIGHT	JPOOL8 .TTT	SEVEN	25 JUN 15	31 MAR 2016

ARINC SUMMARY - KDFW

ROUTES

TRANSITION	WPT SEQ	WPT NAME	LEG TYPE	FB/FO	RNP	MAG CRS	REC NAV	ANGLE	TURN DIR	CENTER FIX	TURN RADIUS	ALTITUDE DESCRIPTION & VALUE	SPEED LIMIT DESCRIPTION & VALUE	WPT DESCRIPTION CODE
ALL	010	TTT	IF	FB										VE
ACT	010	TTT	IF	FB										V
ACT	020	NELYN	TF	FB										E
ACT	030	ACT	TF	FB										VE
ARDIA	010	TTT	IF	FB										V
ARDIA	020	ARDIA	TF	FB										EE
BILEE	010	TTT	IF	FB										V
BILEE	020	DARTZ	TF	FB										E
BILEE	030	BRDEN	TF	FB										E
BILEE	040	TORNN	TF	FB										E H
BILEE	050	BILEE	TF	FB										EE
BRDEN	010	TTT	IF	FB										V
BRDEN	020	DARTZ	TF	FB										E
BRDEN	030	BRDEN	TF	FB										EE
CLL	010	TTT	IF	FB										V
CLL	020	ARDIA	TF	FB										E
CLL	030	ELLVR	TF	FB										E
CLL	040	CLL	TF	FB										VE
ELLVR	010	TTT	IF	FB										V
ELLVR	020	ARDIA	TF	FB										E
ELLVR	030	ELLVR	TF	FB										EE
HOARY	010	TTT	IF	FB										V
HOARY	020	NELYN	TF	FB										E
HOARY	030	ACT	TF	FB										V
HOARY	040	HOARY	TF	FB										EE
JASPA	010	TTT	IF	FB										V
JASPA	020	JASPA	TF	FB										EE
SAT	010	TTT	IF	FB										V
SAT	020	NELYN	TF	FB										E
SAT	030	ACT	TF	FB										V
SAT	040	HOARY	TF	FB										E
SAT	050	SAT	TF	FB										VE
TORNN	010	TTT	IF	FB										V
TORNN	020	DARTZ	TF	FB										E
TORNN	030	BRDEN	TF	FB										E
TORNN	040	TORNN	TF	FB										EE H
WINDU	010	TTT	IF	FB										V
WINDU	020	JASPA	TF	FB										E

QUALITY
15
CHECKED

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
JOE POOL	EIGHT	JPOOL8 . TTT	SEVEN	25 JUN 15	31 MAR 2016

WINDU 030 WINDU TF FB

EE

POINTS

POINT NAME	LATITUDE	LONGITUDE
ACT	N313944.39	W0971608.53
CLL	N303618.01	W0962514.45
SAT	N293838.51	W0982740.73
TTT	N325208.98	W0970225.81
ARDIA	N321706.26	W0965616.32
BILEE	N310952.25	W0962253.62
BRDEN	N315311.46	W0963920.96
DARTZ	N321708.72	W0964839.78
ELLVR	N314229.22	W0965016.05
HOARY	N303437.88	W0974631.01
JASPA	N321706.11	W0970332.37
NELYN	N321705.86	W0971109.28
TORNN	N313113.39	W0963052.96
WINDU	N313149.93	W0970457.06

RUNWAYS

RUNWAY	THRESHOLD LATITUDE	THRESHOLD LONGITUDE	THRESHOLD ELEVATION
RW13L	N325440.80	W0970112.13	00550
RW13R	N325434.47	W0970459.28	00591
RW17C	N325456.55	W0970133.49	00562
RW17L	N325353.95	W0970035.20	00524
RW17R	N325456.60	W0970147.58	00567
RW18L	N325456.88	W0970302.65	00602
RW18R	N325456.93	W0970316.71	00607
RW31L	N325324.97	W0970347.79	00577
RW31R	N325341.93	W0970003.04	00508
RW35C	N325243.96	W0970134.22	00562
RW35L	N325244.02	W0970148.29	00563
RW35R	N325229.85	W0970035.67	00575
RW36L	N325244.35	W0970317.40	00582
RW36R	N325244.30	W0970303.33	00575

QUALITY
15
CHECKED

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
JOE POOL	EIGHT	JPOOL8 .TTT	SEVEN	25 JUN 15	31 MAR 2016

ARINC SUMMARY - KDTO

ROUTES

TRANSITION	WPT SEQ	WPT NAME	LEG TYPE	FB/FO	RNP	MAG CRS	REC NAV	ANGLE	TURN DIR	CENTER FIX	TURN RADIUS	ALTITUDE DESCRIPTION & VALUE	SPEED LIMIT DESCRIPTION & VALUE	WPT DESCRIPTION CODE
ALL	010	TTT	IF	FB										VE
ACT	010	TTT	IF	FB										V
ACT	020	NELYN	TF	FB										E
ACT	030	ACT	TF	FB										VE
ARDIA	010	TTT	IF	FB										V
ARDIA	020	ARDIA	TF	FB										EE
BILEE	010	TTT	IF	FB										V
BILEE	020	DARTZ	TF	FB										E
BILEE	030	BRDEN	TF	FB										E
BILEE	040	TORNN	TF	FB										E H
BILEE	050	BILEE	TF	FB										EE
BRDEN	010	TTT	IF	FB										V
BRDEN	020	DARTZ	TF	FB										E
BRDEN	030	BRDEN	TF	FB										EE
CLL	010	TTT	IF	FB										V
CLL	020	ARDIA	TF	FB										E
CLL	030	ELLVR	TF	FB										E
CLL	040	CLL	TF	FB										VE
ELLVR	010	TTT	IF	FB										V
ELLVR	020	ARDIA	TF	FB										E
ELLVR	030	ELLVR	TF	FB										EE
HOARY	010	TTT	IF	FB										V
HOARY	020	NELYN	TF	FB										E
HOARY	030	ACT	TF	FB										V
HOARY	040	HOARY	TF	FB										EE
JASPA	010	TTT	IF	FB										V
JASPA	020	JASPA	TF	FB										EE
SAT	010	TTT	IF	FB										V
SAT	020	NELYN	TF	FB										E
SAT	030	ACT	TF	FB										V
SAT	040	HOARY	TF	FB										E
SAT	050	SAT	TF	FB										VE
TORNN	010	TTT	IF	FB										V
TORNN	020	DARTZ	TF	FB										E
TORNN	030	BRDEN	TF	FB										E
TORNN	040	TORNN	TF	FB										EE H
WINDU	010	TTT	IF	FB										V
WINDU	020	JASPA	TF	FB										E

QUALITY
15
CHECKED

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
JOE POOL	EIGHT	JPOOL8 . TTT	SEVEN	25 JUN 15	31 MAR 2016

WINDU 030 WINDU TF FB

EE

POINTS

POINT NAME	LATITUDE	LONGITUDE
ACT	N313944.39	W0971608.53
CLL	N303618.01	W0962514.45
SAT	N293838.51	W0982740.73
TTT	N325208.98	W0970225.81
ARDIA	N321706.26	W0965616.32
BILEE	N310952.25	W0962253.62
BRDEN	N315311.46	W0963920.96
DARTZ	N321708.72	W0964839.78
ELLVR	N314229.22	W0965016.05
HOARY	N303437.88	W0974631.01
JASPA	N321706.11	W0970332.37
NELYN	N321705.86	W0971109.28
TORNN	N313113.39	W0963052.96
WINDU	N313149.93	W0970457.06

RUNWAYS

RUNWAY	THRESHOLD LATITUDE	THRESHOLD LONGITUDE	THRESHOLD ELEVATION
RW18	N331242.19	W0971151.84	00639
RW36	N331133.92	W0971153.35	00627

QUALITY
15
CHECKED

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
JOE POOL	EIGHT	JPOOL8 .TTT	SEVEN	25 JUN 15	31 MAR 2016

ARINC SUMMARY - KFTW

ROUTES

TRANSITION	WPT SEQ	WPT NAME	LEG TYPE	FB/FO	RNP	MAG CRS	REC NAV	ANGLE	TURN DIR	CENTER FIX	TURN RADIUS	ALTITUDE DESCRIPTION & VALUE	SPEED LIMIT DESCRIPTION & VALUE	WPT DESCRIPTION CODE
ALL	010	TTT	IF	FB										VE
ACT	010	TTT	IF	FB										V
ACT	020	NELYN	TF	FB										E
ACT	030	ACT	TF	FB										VE
ARDIA	010	TTT	IF	FB										V
ARDIA	020	ARDIA	TF	FB										EE
BILEE	010	TTT	IF	FB										V
BILEE	020	DARTZ	TF	FB										E
BILEE	030	BRDEN	TF	FB										E
BILEE	040	TORN	TF	FB										E H
BILEE	050	BILEE	TF	FB										EE
BRDEN	010	TTT	IF	FB										V
BRDEN	020	DARTZ	TF	FB										E
BRDEN	030	BRDEN	TF	FB										EE
CLL	010	TTT	IF	FB										V
CLL	020	ARDIA	TF	FB										E
CLL	030	ELLVR	TF	FB										E
CLL	040	CLL	TF	FB										VE
ELLVR	010	TTT	IF	FB										V
ELLVR	020	ARDIA	TF	FB										E
ELLVR	030	ELLVR	TF	FB										EE
HOARY	010	TTT	IF	FB										V
HOARY	020	NELYN	TF	FB										E
HOARY	030	ACT	TF	FB										V
HOARY	040	HOARY	TF	FB										EE
JASPA	010	TTT	IF	FB										V
JASPA	020	JASPA	TF	FB										EE
SAT	010	TTT	IF	FB										V
SAT	020	NELYN	TF	FB										E
SAT	030	ACT	TF	FB										V
SAT	040	HOARY	TF	FB										E
SAT	050	SAT	TF	FB										VE
TORN	010	TTT	IF	FB										V
TORN	020	DARTZ	TF	FB										E
TORN	030	BRDEN	TF	FB										E
TORN	040	TORN	TF	FB										EE H
WINDU	010	TTT	IF	FB										V
WINDU	020	JASPA	TF	FB										E

QUALITY
15
CHECKED

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
JOE POOL	EIGHT	JPOOL8 . TTT	SEVEN	25 JUN 15	31 MAR 2016

WINDU 030 WINDU TF FB

EE

POINTS

POINT NAME	LATITUDE	LONGITUDE
ACT	N313944.39	W0971608.53
CLL	N303618.01	W0962514.45
SAT	N293838.51	W0982740.73
TTT	N325208.98	W0970225.81
ARDIA	N321706.26	W0965616.32
BILEE	N310952.25	W0962253.62
BRDEN	N315311.46	W0963920.96
DARTZ	N321708.72	W0964839.78
ELLVR	N314229.22	W0965016.05
HOARY	N303437.88	W0974631.01
JASPA	N321706.11	W0970332.37
NELYN	N321705.86	W0971109.28
TORNN	N313113.39	W0963052.96
WINDU	N313149.93	W0970457.06

RUNWAYS

RUNWAY	THRESHOLD LATITUDE	THRESHOLD LONGITUDE	THRESHOLD ELEVATION
RW16	N324948.64	W0972144.95	00710
RW17	N324929.42	W0972159.47	00668
RW34	N324835.16	W0972132.57	00674
RW35	N324850.21	W0972152.86	00667

QUALITY
15
CHECKED

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
JOE POOL	EIGHT	JPOOL8 .TTT	SEVEN	25 JUN 15	31 MAR 2016

ARINC SUMMARY - KFWS

ROUTES

TRANSITION	WPT SEQ	WPT NAME	LEG TYPE	FB/FO	RNP	MAG CRS	REC NAV	ANGLE	TURN DIR	CENTER FIX	TURN RADIUS	ALTITUDE DESCRIPTION & VALUE	SPEED LIMIT DESCRIPTION & VALUE	WPT DESCRIPTION CODE
RW17R	010	TTT	IF	FB										VE
RW35L	010	TTT	IF	FB										VE
ACT	010	TTT	IF	FB										V
ACT	020	NELYN	TF	FB										E
ACT	030	ACT	TF	FB										VE
ARDIA	010	TTT	IF	FB										V
ARDIA	020	ARDIA	TF	FB										EE
BILEE	010	TTT	IF	FB										V
BILEE	020	DARTZ	TF	FB										E
BILEE	030	BRDEN	TF	FB										E
BILEE	040	TORN	TF	FB										E H
BILEE	050	BILEE	TF	FB										EE
BRDEN	010	TTT	IF	FB										V
BRDEN	020	DARTZ	TF	FB										E
BRDEN	030	BRDEN	TF	FB										EE
CLL	010	TTT	IF	FB										V
CLL	020	ARDIA	TF	FB										E
CLL	030	ELLVR	TF	FB										E
CLL	040	CLL	TF	FB										VE
ELLVR	010	TTT	IF	FB										V
ELLVR	020	ARDIA	TF	FB										E
ELLVR	030	ELLVR	TF	FB										EE
HOARY	010	TTT	IF	FB										V
HOARY	020	NELYN	TF	FB										E
HOARY	030	ACT	TF	FB										V
HOARY	040	HOARY	TF	FB										EE
JASPA	010	TTT	IF	FB										V
JASPA	020	JASPA	TF	FB										EE
SAT	010	TTT	IF	FB										V
SAT	020	NELYN	TF	FB										E
SAT	030	ACT	TF	FB										V
SAT	040	HOARY	TF	FB										E
SAT	050	SAT	TF	FB										VE
TORN	010	TTT	IF	FB										V
TORN	020	DARTZ	TF	FB										E
TORN	030	BRDEN	TF	FB										E
TORN	040	TORN	TF	FB										EE H
WINDU	010	TTT	IF	FB										V

QUALITY
15
CHECKED

DEPARTURE (DATA RECORD)

DP Name					Number	DP Computer Code	Superseded Number	Dated	Effective Date
JOE POOL					EIGHT	JPOOL8 . TTT	SEVEN	25 JUN 15	31 MAR 2016
WINDU	020	JASPA	TF	FB					E
WINDU	030	WINDU	TF	FB					EE
POINTS									
POINT NAME			LATITUDE		LONGITUDE				
ACT			N313944.39		W0971608.53				
CLL			N303618.01		W0962514.45				
SAT			N293838.51		W0982740.73				
TTT			N325208.98		W0970225.81				
ARDIA			N321706.26		W0965616.32				
BILEE			N310952.25		W0962253.62				
BRDEN			N315311.46		W0963920.96				
DARTZ			N321708.72		W0964839.78				
ELLVR			N314229.22		W0965016.05				
HOARY			N303437.88		W0974631.01				
JASPA			N321706.11		W0970332.37				
NELYN			N321705.86		W0971109.28				
TORNN			N313113.39		W0963052.96				
WINDU			N313149.93		W0970457.06				
RUNWAYS									
			THRESHOLD		THRESHOLD		THRESHOLD		
RUNWAY			LATITUDE		LONGITUDE		ELEVATION		
RW17R			N323421.05		W0971834.76		00700		
RW35L			N323321.66		W0971834.89		00689		

QUALITY
15
CHECKED

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
JOE POOL	EIGHT	JPOOL8 .TTT	SEVEN	25 JUN 15	31 MAR 2016

ARINC SUMMARY - KGKY

ROUTES

TRANSITION	WPT SEQ	WPT NAME	LEG TYPE	FB/FO	RNP	MAG CRS	REC NAV	ANGLE	TURN DIR	CENTER FIX	TURN RADIUS	ALTITUDE DESCRIPTION & VALUE	SPEED LIMIT DESCRIPTION & VALUE	WPT DESCRIPTION CODE
ALL	010	TTT	IF	FB										VE
ACT	010	TTT	IF	FB										V
ACT	020	NELYN	TF	FB										E
ACT	030	ACT	TF	FB										VE
ARDIA	010	TTT	IF	FB										V
ARDIA	020	ARDIA	TF	FB										EE
BILEE	010	TTT	IF	FB										V
BILEE	020	DARTZ	TF	FB										E
BILEE	030	BRDEN	TF	FB										E
BILEE	040	TORN	TF	FB										E H
BILEE	050	BILEE	TF	FB										EE
BRDEN	010	TTT	IF	FB										V
BRDEN	020	DARTZ	TF	FB										E
BRDEN	030	BRDEN	TF	FB										EE
CLL	010	TTT	IF	FB										V
CLL	020	ARDIA	TF	FB										E
CLL	030	ELLVR	TF	FB										E
CLL	040	CLL	TF	FB										VE
ELLVR	010	TTT	IF	FB										V
ELLVR	020	ARDIA	TF	FB										E
ELLVR	030	ELLVR	TF	FB										EE
HOARY	010	TTT	IF	FB										V
HOARY	020	NELYN	TF	FB										E
HOARY	030	ACT	TF	FB										V
HOARY	040	HOARY	TF	FB										EE
JASPA	010	TTT	IF	FB										V
JASPA	020	JASPA	TF	FB										EE
SAT	010	TTT	IF	FB										V
SAT	020	NELYN	TF	FB										E
SAT	030	ACT	TF	FB										V
SAT	040	HOARY	TF	FB										E
SAT	050	SAT	TF	FB										VE
TORN	010	TTT	IF	FB										V
TORN	020	DARTZ	TF	FB										E
TORN	030	BRDEN	TF	FB										E
TORN	040	TORN	TF	FB										EE H
WINDU	010	TTT	IF	FB										V
WINDU	020	JASPA	TF	FB										E

QUALITY
15
CHECKED

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
JOE POOL	EIGHT	JPOOL8 . TTT	SEVEN	25 JUN 15	31 MAR 2016

WINDU 030 WINDU TF FB

EE

POINTS

POINT NAME	LATITUDE	LONGITUDE
ACT	N313944.39	W0971608.53
CLL	N303618.01	W0962514.45
SAT	N293838.51	W0982740.73
TTT	N325208.98	W0970225.81
ARDIA	N321706.26	W0965616.32
BILEE	N310952.25	W0962253.62
BRDEN	N315311.46	W0963920.96
DARTZ	N321708.72	W0964839.78
ELLVR	N314229.22	W0965016.05
HOARY	N303437.88	W0974631.01
JASPA	N321706.11	W0970332.37
NELYN	N321705.86	W0971109.28
TORNN	N313113.39	W0963052.96
WINDU	N313149.93	W0970457.06

RUNWAYS

RUNWAY	THRESHOLD LATITUDE	THRESHOLD LONGITUDE	THRESHOLD ELEVATION
RW16	N324019.36	W0970546.79	00628
RW34	N323920.51	W0970532.03	00597

QUALITY
15
CHECKED

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
JOE POOL	EIGHT	JPOOL8 .TTT	SEVEN	25 JUN 15	31 MAR 2016

ARINC SUMMARY - KGPM

ROUTES

TRANSITION	WPT SEQ	WPT NAME	LEG TYPE	FB/FO	RNP	MAG CRS	REC NAV	ANGLE	TURN DIR	CENTER FIX	TURN RADIUS	ALTITUDE DESCRIPTION & VALUE	SPEED LIMIT DESCRIPTION & VALUE	WPT DESCRIPTION CODE
RW17	010	TTT	IF	FB										VE
ACT	010	TTT	IF	FB										V
ACT	020	NELYN	TF	FB										E
ACT	030	ACT	TF	FB										VE
ARDIA	010	TTT	IF	FB										V
ARDIA	020	ARDIA	TF	FB										EE
BILEE	010	TTT	IF	FB										V
BILEE	020	DARTZ	TF	FB										E
BILEE	030	BRDEN	TF	FB										E
BILEE	040	TORNN	TF	FB										E H
BILEE	050	BILEE	TF	FB										EE
BRDEN	010	TTT	IF	FB										V
BRDEN	020	DARTZ	TF	FB										E
BRDEN	030	BRDEN	TF	FB										EE
CLL	010	TTT	IF	FB										V
CLL	020	ARDIA	TF	FB										E
CLL	030	ELLVR	TF	FB										E
CLL	040	CLL	TF	FB										VE
ELLVR	010	TTT	IF	FB										V
ELLVR	020	ARDIA	TF	FB										E
ELLVR	030	ELLVR	TF	FB										EE
HOARY	010	TTT	IF	FB										V
HOARY	020	NELYN	TF	FB										E
HOARY	030	ACT	TF	FB										V
HOARY	040	HOARY	TF	FB										EE
JASPA	010	TTT	IF	FB										V
JASPA	020	JASPA	TF	FB										EE
SAT	010	TTT	IF	FB										V
SAT	020	NELYN	TF	FB										E
SAT	030	ACT	TF	FB										V
SAT	040	HOARY	TF	FB										E
SAT	050	SAT	TF	FB										VE
TORNN	010	TTT	IF	FB										V
TORNN	020	DARTZ	TF	FB										E
TORNN	030	BRDEN	TF	FB										E
TORNN	040	TORNN	TF	FB										EE H
WINDU	010	TTT	IF	FB										V
WINDU	020	JASPA	TF	FB										E

QUALITY
15
CHECKED

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
JOE POOL	EIGHT	JPOOL8 . TTT	SEVEN	25 JUN 15	31 MAR 2016

WINDU 030 WINDU TF FB

EE

POINTS

POINT NAME	LATITUDE	LONGITUDE
ACT	N313944.39	W0971608.53
CLL	N303618.01	W0962514.45
SAT	N293838.51	W0982740.73
TTT	N325208.98	W0970225.81
ARDIA	N321706.26	W0965616.32
BILEE	N310952.25	W0962253.62
BRDEN	N315311.46	W0963920.96
DARTZ	N321708.72	W0964839.78
ELLVR	N314229.22	W0965016.05
HOARY	N303437.88	W0974631.01
JASPA	N321706.11	W0970332.37
NELYN	N321705.86	W0971109.28
TORNN	N313113.39	W0963052.96
WINDU	N313149.93	W0970457.06

RUNWAYS

RUNWAY	THRESHOLD LATITUDE	THRESHOLD LONGITUDE	THRESHOLD ELEVATION
RW17	N324215.41	W0970248.76	00582

QUALITY
15
CHECKED

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
JOE POOL	EIGHT	JPOOL8 .TTT	SEVEN	25 JUN 15	31 MAR 2016

ARINC SUMMARY - KHQZ

ROUTES

TRANSITION	WPT SEQ	WPT NAME	LEG TYPE	FB/FO	RNP	MAG CRS	REC NAV	ANGLE	TURN DIR	CENTER FIX	TURN RADIUS	ALTITUDE DESCRIPTION & VALUE	SPEED LIMIT DESCRIPTION & VALUE	WPT DESCRIPTION CODE
ALL	010	TTT	IF	FB										VE
ACT	010	TTT	IF	FB										V
ACT	020	NELYN	TF	FB										E
ACT	030	ACT	TF	FB										VE
ARDIA	010	TTT	IF	FB										V
ARDIA	020	ARDIA	TF	FB										EE
BILEE	010	TTT	IF	FB										V
BILEE	020	DARTZ	TF	FB										E
BILEE	030	BRDEN	TF	FB										E
BILEE	040	TORNN	TF	FB										E H
BILEE	050	BILEE	TF	FB										EE
BRDEN	010	TTT	IF	FB										V
BRDEN	020	DARTZ	TF	FB										E
BRDEN	030	BRDEN	TF	FB										EE
CLL	010	TTT	IF	FB										V
CLL	020	ARDIA	TF	FB										E
CLL	030	ELLVR	TF	FB										E
CLL	040	CLL	TF	FB										VE
ELLVR	010	TTT	IF	FB										V
ELLVR	020	ARDIA	TF	FB										E
ELLVR	030	ELLVR	TF	FB										EE
HOARY	010	TTT	IF	FB										V
HOARY	020	NELYN	TF	FB										E
HOARY	030	ACT	TF	FB										V
HOARY	040	HOARY	TF	FB										EE
JASPA	010	TTT	IF	FB										V
JASPA	020	JASPA	TF	FB										EE
SAT	010	TTT	IF	FB										V
SAT	020	NELYN	TF	FB										E
SAT	030	ACT	TF	FB										V
SAT	040	HOARY	TF	FB										E
SAT	050	SAT	TF	FB										VE
TORNN	010	TTT	IF	FB										V
TORNN	020	DARTZ	TF	FB										E
TORNN	030	BRDEN	TF	FB										E
TORNN	040	TORNN	TF	FB										EE H
WINDU	010	TTT	IF	FB										V
WINDU	020	JASPA	TF	FB										E

QUALITY
15
CHECKED

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
JOE POOL	EIGHT	JPOOL8 . TTT	SEVEN	25 JUN 15	31 MAR 2016

WINDU 030 WINDU TF FB

EE

POINTS

POINT NAME	LATITUDE	LONGITUDE
ACT	N313944.39	W0971608.53
CLL	N303618.01	W0962514.45
SAT	N293838.51	W0982740.73
TTT	N325208.98	W0970225.81
ARDIA	N321706.26	W0965616.32
BILEE	N310952.25	W0962253.62
BRDEN	N315311.46	W0963920.96
DARTZ	N321708.72	W0964839.78
ELLVR	N314229.22	W0965016.05
HOARY	N303437.88	W0974631.01
JASPA	N321706.11	W0970332.37
NELYN	N321705.86	W0971109.28
TORNN	N313113.39	W0963052.96
WINDU	N313149.93	W0970457.06

RUNWAYS

RUNWAY	THRESHOLD LATITUDE	THRESHOLD LONGITUDE	THRESHOLD ELEVATION
RW18	N324518.74	W0963148.97	00446
RW36	N324419.39	W0963150.05	00442

QUALITY
15
CHECKED

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
JOE POOL	EIGHT	JPOOL8 .TTT	SEVEN	25 JUN 15	31 MAR 2016

ARINC SUMMARY - KLNC

ROUTES

TRANSITION	WPT SEQ	WPT NAME	LEG TYPE	FB/FO	RNP	MAG CRS	REC NAV	ANGLE	TURN DIR	CENTER FIX	TURN RADIUS	ALTITUDE DESCRIPTION & VALUE	SPEED LIMIT DESCRIPTION & VALUE	WPT DESCRIPTION CODE
ALL	010	TTT	IF	FB										VE
ACT	010	TTT	IF	FB										V
ACT	020	NELYN	TF	FB										E
ACT	030	ACT	TF	FB										VE
ARDIA	010	TTT	IF	FB										V
ARDIA	020	ARDIA	TF	FB										EE
BILEE	010	TTT	IF	FB										V
BILEE	020	DARTZ	TF	FB										E
BILEE	030	BRDEN	TF	FB										E
BILEE	040	TORNN	TF	FB										E H
BILEE	050	BILEE	TF	FB										EE
BRDEN	010	TTT	IF	FB										V
BRDEN	020	DARTZ	TF	FB										E
BRDEN	030	BRDEN	TF	FB										EE
CLL	010	TTT	IF	FB										V
CLL	020	ARDIA	TF	FB										E
CLL	030	ELLVR	TF	FB										E
CLL	040	CLL	TF	FB										VE
ELLVR	010	TTT	IF	FB										V
ELLVR	020	ARDIA	TF	FB										E
ELLVR	030	ELLVR	TF	FB										EE
HOARY	010	TTT	IF	FB										V
HOARY	020	NELYN	TF	FB										E
HOARY	030	ACT	TF	FB										V
HOARY	040	HOARY	TF	FB										EE
JASPA	010	TTT	IF	FB										V
JASPA	020	JASPA	TF	FB										EE
SAT	010	TTT	IF	FB										V
SAT	020	NELYN	TF	FB										E
SAT	030	ACT	TF	FB										V
SAT	040	HOARY	TF	FB										E
SAT	050	SAT	TF	FB										VE
TORNN	010	TTT	IF	FB										V
TORNN	020	DARTZ	TF	FB										E
TORNN	030	BRDEN	TF	FB										E
TORNN	040	TORNN	TF	FB										EE H
WINDU	010	TTT	IF	FB										V
WINDU	020	JASPA	TF	FB										E

QUALITY
15
CHECKED

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
JOE POOL	EIGHT	JPOOL8 . TTT	SEVEN	25 JUN 15	31 MAR 2016
WINDU	030	WINDU	TF	FB	EE
POINTS					
POINT NAME	LATITUDE	LONGITUDE			
ACT	N313944.39	W0971608.53			
CLL	N303618.01	W0962514.45			
SAT	N293838.51	W0982740.73			
TTT	N325208.98	W0970225.81			
ARDIA	N321706.26	W0965616.32			
BILEE	N310952.25	W0962253.62			
BRDEN	N315311.46	W0963920.96			
DARTZ	N321708.72	W0964839.78			
ELLVR	N314229.22	W0965016.05			
HOARY	N303437.88	W0974631.01			
JASPA	N321706.11	W0970332.37			
NELYN	N321705.86	W0971109.28			
TORNN	N313113.39	W0963052.96			
WINDU	N313149.93	W0970457.06			
RUNWAYS					
RUNWAY	THRESHOLD LATITUDE	THRESHOLD LONGITUDE	THRESHOLD ELEVATION		
RW13	N323504.13	W0964327.27	00501		
RW31	N323414.64	W0964238.76	00475		

QUALITY
15
CHECKED

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
JOE POOL	EIGHT	JPOOL8 .TTT	SEVEN	25 JUN 15	31 MAR 2016

ARINC SUMMARY - KNFW

ROUTES

TRANSITION	WPT SEQ	WPT NAME	LEG TYPE	FB/FO	RNP	MAG CRS	REC NAV	ANGLE	TURN DIR	CENTER FIX	TURN RADIUS	ALTITUDE DESCRIPTION & VALUE	SPEED LIMIT DESCRIPTION & VALUE	WPT DESCRIPTION CODE
ALL	010	TTT	IF	FB										VE
ACT	010	TTT	IF	FB										V
ACT	020	NELYN	TF	FB										E
ACT	030	ACT	TF	FB										VE
ARDIA	010	TTT	IF	FB										V
ARDIA	020	ARDIA	TF	FB										EE
BILEE	010	TTT	IF	FB										V
BILEE	020	DARTZ	TF	FB										E
BILEE	030	BRDEN	TF	FB										E
BILEE	040	TORNN	TF	FB										E H
BILEE	050	BILEE	TF	FB										EE
BRDEN	010	TTT	IF	FB										V
BRDEN	020	DARTZ	TF	FB										E
BRDEN	030	BRDEN	TF	FB										EE
CLL	010	TTT	IF	FB										V
CLL	020	ARDIA	TF	FB										E
CLL	030	ELLVR	TF	FB										E
CLL	040	CLL	TF	FB										VE
ELLVR	010	TTT	IF	FB										V
ELLVR	020	ARDIA	TF	FB										E
ELLVR	030	ELLVR	TF	FB										EE
HOARY	010	TTT	IF	FB										V
HOARY	020	NELYN	TF	FB										E
HOARY	030	ACT	TF	FB										V
HOARY	040	HOARY	TF	FB										EE
JASPA	010	TTT	IF	FB										V
JASPA	020	JASPA	TF	FB										EE
SAT	010	TTT	IF	FB										V
SAT	020	NELYN	TF	FB										E
SAT	030	ACT	TF	FB										V
SAT	040	HOARY	TF	FB										E
SAT	050	SAT	TF	FB										VE
TORNN	010	TTT	IF	FB										V
TORNN	020	DARTZ	TF	FB										E
TORNN	030	BRDEN	TF	FB										E
TORNN	040	TORNN	TF	FB										EE H
WINDU	010	TTT	IF	FB										V
WINDU	020	JASPA	TF	FB										E

QUALITY
15
CHECKED

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
JOE POOL	EIGHT	JPOOL8 . TTT	SEVEN	25 JUN 15	31 MAR 2016

WINDU 030 WINDU TF FB

EE

POINTS

POINT NAME	LATITUDE	LONGITUDE
ACT	N313944.39	W0971608.53
CLL	N303618.01	W0962514.45
SAT	N293838.51	W0982740.73
TTT	N325208.98	W0970225.81
ARDIA	N321706.26	W0965616.32
BILEE	N310952.25	W0962253.62
BRDEN	N315311.46	W0963920.96
DARTZ	N321708.72	W0964839.78
ELLVR	N314229.22	W0965016.05
HOARY	N303437.88	W0974631.01
JASPA	N321706.11	W0970332.37
NELYN	N321705.86	W0971109.28
TORNN	N313113.39	W0963052.96
WINDU	N313149.93	W0970457.06

RUNWAYS

RUNWAY	THRESHOLD LATITUDE	THRESHOLD LONGITUDE	THRESHOLD ELEVATION
RW18	N324708.43	W0972628.88	00622
RW36	N324509.71	W0972630.17	00650

QUALITY
15
CHECKED

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
JOE POOL	EIGHT	JPOOL8 .TTT	SEVEN	25 JUN 15	31 MAR 2016

ARINC SUMMARY - KRBD

ROUTES

TRANSITION	WPT SEQ	WPT NAME	LEG TYPE	FB/FO	RNP	MAG CRS	REC NAV	ANGLE	TURN DIR	CENTER FIX	TURN RADIUS	ALTITUDE DESCRIPTION & VALUE	SPEED LIMIT DESCRIPTION & VALUE	WPT DESCRIPTION CODE
ALL	010	TTT	IF	FB										VE
ACT	010	TTT	IF	FB										V
ACT	020	NELYN	TF	FB										E
ACT	030	ACT	TF	FB										VE
ARDIA	010	TTT	IF	FB										V
ARDIA	020	ARDIA	TF	FB										EE
BILEE	010	TTT	IF	FB										V
BILEE	020	DARTZ	TF	FB										E
BILEE	030	BRDEN	TF	FB										E
BILEE	040	TORNN	TF	FB										E H
BILEE	050	BILEE	TF	FB										EE
BRDEN	010	TTT	IF	FB										V
BRDEN	020	DARTZ	TF	FB										E
BRDEN	030	BRDEN	TF	FB										EE
CLL	010	TTT	IF	FB										V
CLL	020	ARDIA	TF	FB										E
CLL	030	ELLVR	TF	FB										E
CLL	040	CLL	TF	FB										VE
ELLVR	010	TTT	IF	FB										V
ELLVR	020	ARDIA	TF	FB										E
ELLVR	030	ELLVR	TF	FB										EE
HOARY	010	TTT	IF	FB										V
HOARY	020	NELYN	TF	FB										E
HOARY	030	ACT	TF	FB										V
HOARY	040	HOARY	TF	FB										EE
JASPA	010	TTT	IF	FB										V
JASPA	020	JASPA	TF	FB										EE
SAT	010	TTT	IF	FB										V
SAT	020	NELYN	TF	FB										E
SAT	030	ACT	TF	FB										V
SAT	040	HOARY	TF	FB										E
SAT	050	SAT	TF	FB										VE
TORNN	010	TTT	IF	FB										V
TORNN	020	DARTZ	TF	FB										E
TORNN	030	BRDEN	TF	FB										E
TORNN	040	TORNN	TF	FB										EE H
WINDU	010	TTT	IF	FB										V
WINDU	020	JASPA	TF	FB										E

QUALITY
15
CHECKED

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
JOE POOL	EIGHT	JPOOL8 . TTT	SEVEN	25 JUN 15	31 MAR 2016

WINDU 030 WINDU TF FB

EE

POINTS

POINT NAME	LATITUDE	LONGITUDE
ACT	N313944.39	W0971608.53
CLL	N303618.01	W0962514.45
SAT	N293838.51	W0982740.73
TTT	N325208.98	W0970225.81
ARDIA	N321706.26	W0965616.32
BILEE	N310952.25	W0962253.62
BRDEN	N315311.46	W0963920.96
DARTZ	N321708.72	W0964839.78
ELLVR	N314229.22	W0965016.05
HOARY	N303437.88	W0974631.01
JASPA	N321706.11	W0970332.37
NELYN	N321705.86	W0971109.28
TORNN	N313113.39	W0963052.96
WINDU	N313149.93	W0970457.06

RUNWAYS

RUNWAY	THRESHOLD LATITUDE	THRESHOLD LONGITUDE	THRESHOLD ELEVATION
RW13	N324114.36	W0965235.15	00655
RW17	N324108.88	W0965200.45	00651
RW31	N324029.16	W0965141.86	00646
RW35	N324031.28	W0965200.55	00659

QUALITY
15
CHECKED

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
JOE POOL	EIGHT	JPOOL8 .TTT	SEVEN	25 JUN 15	31 MAR 2016

ARINC SUMMARY - KTKI

ROUTES

TRANSITION	WPT SEQ	WPT NAME	LEG TYPE	FB/FO	RNP	MAG CRS	REC NAV	ANGLE	TURN DIR	CENTER FIX	TURN RADIUS	ALTITUDE DESCRIPTION & VALUE	SPEED LIMIT DESCRIPTION & VALUE	WPT DESCRIPTION CODE
ALL	010	TTT	IF	FB										VE
ACT	010	TTT	IF	FB										V
ACT	020	NELYN	TF	FB										E
ACT	030	ACT	TF	FB										VE
ARDIA	010	TTT	IF	FB										V
ARDIA	020	ARDIA	TF	FB										EE
BILEE	010	TTT	IF	FB										V
BILEE	020	DARTZ	TF	FB										E
BILEE	030	BRDEN	TF	FB										E
BILEE	040	TORNN	TF	FB										E H
BILEE	050	BILEE	TF	FB										EE
BRDEN	010	TTT	IF	FB										V
BRDEN	020	DARTZ	TF	FB										E
BRDEN	030	BRDEN	TF	FB										EE
CLL	010	TTT	IF	FB										V
CLL	020	ARDIA	TF	FB										E
CLL	030	ELLVR	TF	FB										E
CLL	040	CLL	TF	FB										VE
ELLVR	010	TTT	IF	FB										V
ELLVR	020	ARDIA	TF	FB										E
ELLVR	030	ELLVR	TF	FB										EE
HOARY	010	TTT	IF	FB										V
HOARY	020	NELYN	TF	FB										E
HOARY	030	ACT	TF	FB										V
HOARY	040	HOARY	TF	FB										EE
JASPA	010	TTT	IF	FB										V
JASPA	020	JASPA	TF	FB										EE
SAT	010	TTT	IF	FB										V
SAT	020	NELYN	TF	FB										E
SAT	030	ACT	TF	FB										V
SAT	040	HOARY	TF	FB										E
SAT	050	SAT	TF	FB										VE
TORNN	010	TTT	IF	FB										V
TORNN	020	DARTZ	TF	FB										E
TORNN	030	BRDEN	TF	FB										E
TORNN	040	TORNN	TF	FB										EE H
WINDU	010	TTT	IF	FB										V
WINDU	020	JASPA	TF	FB										E

QUALITY
15
CHECKED

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
JOE POOL	EIGHT	JPOOL8 . TTT	SEVEN	25 JUN 15	31 MAR 2016

WINDU 030 WINDU TF FB

EE

POINTS

POINT NAME	LATITUDE	LONGITUDE
ACT	N313944.39	W0971608.53
CLL	N303618.01	W0962514.45
SAT	N293838.51	W0982740.73
TTT	N325208.98	W0970225.81
ARDIA	N321706.26	W0965616.32
BILEE	N310952.25	W0962253.62
BRDEN	N315311.46	W0963920.96
DARTZ	N321708.72	W0964839.78
ELLVR	N314229.22	W0965016.05
HOARY	N303437.88	W0974631.01
JASPA	N321706.11	W0970332.37
NELYN	N321705.86	W0971109.28
TORNN	N313113.39	W0963052.96
WINDU	N313149.93	W0970457.06

RUNWAYS

RUNWAY	THRESHOLD LATITUDE	THRESHOLD LONGITUDE	THRESHOLD ELEVATION
RW18	N331112.05	W0963518.04	00576
RW36	N331002.82	W0963521.08	00589

QUALITY
15
CHECKED