

**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
GRAPHIC DEPARTURE PROCEDURES (DP)**

Bearings, headings, courses, tracks and radials are magnetic. Elevations 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.

<u>DP NAME</u>	<u>NUMBER</u>	<u>DP COMPUTER CODE</u>	<u>SUPERSEDED NUMBER</u>	<u>DATED</u>	<u>ACTUAL EFFECTIVE DATE</u>
JOE POOL	SEVEN	JPOOL7.TTT	SIX	12/29/2022	25 JAN 2024

<u>TYPE:</u>	<u>OBSTACLE</u>	<u>COPTER</u>	<u>SID</u>	<u>SPECIAL</u>	<u>RNAV</u>
	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

DP ROUTE DESCRIPTION:

DALLAS-FORT WORTH INTL

- TAKEOFF RWY 31L/R: CLIMB ON ASSIGNED HEADING, MAINTAIN 5000 THENCE...
- TAKEOFF RWY 13L/R, 17L, 35R: CLIMB ON ASSIGNED HEADING, MAINTAIN 10000, THENCE...
- TAKEOFF RWY 17C/R: CLIMB ON HEADING 160.00, MAINTAIN 10000, THENCE...
- TAKEOFF RWY 18L/R: CLIMB ON HEADING 190.00, MAINTAIN 10000, THENCE...
- TAKEOFF RWY 35L/C: CLIMB ON HEADING 010.00, MAINTAIN 10000, THENCE...
- TAKEOFF RWY 36L/R: CLIMB ON HEADING 340.00, MAINTAIN 10000, THENCE...

... FOR RADAR VECTORS TO APPROPRIATE ROUTE AND EXPECT FILED ALTITUDE 10 MINUTES AFTER DEPARTURE.

DALLAS-LOVE FLD

JETS: TAKEOFF RWY 13L/R: CLIMB ON HEADING 133.00, CROSS CVE 13.00 DME AT OR BELOW 6000, THEN MAINTAIN 8000 FOR RADAR VECTORS TO APPROPRIATE ROUTE AND EXPECT FILED ALTITUDE 10 MINUTES AFTER DEPARTURE.

JETS: TAKEOFF RWY 31L/R: CLIMB ON HEADING 313.00 UNTIL THE I-LVF 5.50 DME OR I-OVW 5.50 DME, THEN RIGHT TURN HEADING 013.00 FOR RADAR VECTORS TO APPROPRIATE ROUTE, MAINTAIN ATC ASSIGNED ALTITUDE AND EXPECT FILED ALTITUDE 10 MINUTES AFTER DEPARTURE.

DALLAS EXEC

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

PEROT FLD/FORT WORTH ALLIANCE

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

FORT WORTH MEACHAM INTL

- TAKEOFF RWY 16: CLIMB ON HEADING 165.90 TO 1600 BEFORE PROCEEDING ON COURSE.
- TAKEOFF RWY 17: CLIMB ON HEADING 163.90 TO 1600 BEFORE PROCEEDING ON COURSE.

FORT WORTH SPINKS

TAKEOFF RWY 18R: CLIMB ON HEADING 177.11 TO 1200 BEFORE TURNING RIGHT.

ARLINGTON MUNI

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

GRAND PRAIRIE MUNI

TAKEOFF RWY 18: CLIMB ON HEADING 192.34 TO 2500 BEFORE PROCEEDING ON COURSE.

LANCASTER RGNL

TAKEOFF RWY 31: CLIMB ON HEADING 314.31 TO 1800 BEFORE TURNING LEFT.



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JOE POOL	SEVEN	JPOOL7.TTT	SIX	12/29/2022	25 JAN 2024

DEPARTING ADDISON, DALLAS EXEC, MCKINNEY NTL, PEROT FLD/FORT WORTH ALLIANCE, FORT WORTH MEACHAM INTL, FORT WORTH SPINKS, FORT WORTH NAS JRB (CARSWELL FLD), ARLINGTON MUNI, DENTON ENTERPRISE, GRAND PRAIRIE MUNI, LANCASTER RGNL, MESQUITE METRO: WHEN ENTERING CONTROLLED AIRSPACE, FLY ASSIGNED HEADING FOR RADAR VECTORS TO APPROPRIATE ROUTE. MAINTAIN ATC ASSIGNED ALTITUDE.

TRANSITION ROUTES (GRAPHIC DEPICTION ONLY):

<u>TRANSITION NAME</u>	<u>TRANSITION COMPUTER CODE</u>	<u>FROM FIX/NAVAID</u>	<u>TO FIX/NAVAID</u>	<u>COURSE</u>	<u>DISTANCE</u>	<u>MEA</u>	<u>MOCA</u>	<u>CROSSING ALTITUDE/FIXES</u>
COLLEGE STATION	JPOOL7.CLL	TTT VOR/DME	ARDIA	165.51 (TTT R-166)	35.36	4000	3600	
		ARDIA	ELLVR	165.51 (TTT R-166)	34.92	7000	2300	
		ELLVR	CLL VORTAC	154.09 (CLL R-334)	69.44	7000	2300	
ELLVR	JPOOL7.ELLVR	TTT VOR/DME	ARDIA	165.51 (TTT R-166)	35.36	4000	3600	
		ARDIA	ELLVR	165.51 (TTT R-166)	34.92	7000	2300	
HOARY	JPOOL7.HOARY	TTT VOR/DME	NELYN	185.94 (TTT R-186)	35.75	2500	2400	
		NELYN	ACT VORTAC	177.47 (ACT R-357)	37.53	3800	2100	
		ACT VORTAC	HOARY	193.00 (ACT R-193)	69.99	12000	3100	
SAN ANTONIO	JPOOL7.SAT	TTT VOR/DME	NELYN	185.94 (TTT R-186)	35.75	2500	2400	
		NELYN	ACT VORTAC	177.47 (ACT R-357)	37.53	3800	2100	
		ACT VORTAC	HOARY	193.00 (ACT R-193)	69.99	12000	3100	
		HOARY	SAT VORTAC	204.41 (SAT R-024)	66.29	12000	2900	
NAVASOTA	JPOOL7.TNV	TTT VOR/DME	DARTZ	155.52 (TTT R-156)	36.82	4000	3600	
		DARTZ	BRDEN	155.52 (TTT R-156)	25.18	6000	2300	
		BRDEN	TORNN	155.52 (TTT R-156)	23.08	6000	2300	
		TORNN	TNV VOR/DME	154.40 (TNV R-334)	77.42	6000	1900	
TORNN	JPOOL7.TORNN	TTT VOR/DME	DARTZ	155.52 (TTT R-156)	36.82	4000	3600	
		DARTZ	BRDEN	155.52 (TTT R-156)	25.18	6000	2300	
		BRDEN	TORNN	155.52 (TTT R-156)	23.08	6000	2300	
WACO	JPOOL7.ACT	TTT VOR/DME	NELYN	185.94 (TTT R-186)	35.75	2500	2400	
		NELYN	ACT VORTAC	177.47 (ACT R-357)	37.53	3800	2100	



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JOE POOL	SEVEN	JPOOL7.TTT	SIX	12/29/2022	25 JAN 2024
WINDU	JPOOL7.WINDU	TTT VOR/DME	JASPA	175.54 (TTT R-176)	34.99 4000 3400
		JASPA	WINDU	175.54 (TTT R-176)	45.19 6000 2400

PBN REQUIREMENT NOTES:

EQUIPMENT REQUIREMENT NOTES:

RADAR AND DME REQUIRED.

PROCEDURAL DATA NOTES:

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, DWH, T78, OR 6R3.

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

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

TORNN TRANSITION: ONLY FOR AIRCRAFT DESTINED IAH, CXO, DWH, T78 OR 6R3.

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

WINDU TRANSITION: FOR AIRCRAFT INBOUND TO AUSTIN OR SAN ANTONIO TERMINAL AREA.

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

NOTE (DALLAS-FORT WORTH INTL ONLY): MAINTAIN 240 KIAS UNTIL LEAVING 5000.

NOTE (DALLAS LOVE FLD ONLY): PROPS DEPARTING DAL MUST CONTACT CLEARANCE DELIVERY FOR DEPARTURE INSTRUCTIONS.

TAKEOFF MINIMUMS:

DALLAS-FORT WORTH INTL

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

RWY 35R: STANDARD WITH MINIMUM CLIMB OF 245 FT/NM TO 1200.

DALLAS LOVE FLD

RWY 31L, 31R: STANDARD.

RWY 13L: STANDARD WITH MINIMUM CLIMB OF 290 FT/NM TO 1700.

RWY 13R: STANDARD WITH MINIMUM CLIMB OF 315 FT/NM TO 1700.

ADDISON

RWY 34: STANDARD.

RWY 16: 400-2 1/2 OR STANDARD WITH MINIMUM CLIMB OF 325 FT/NM TO 1100.

DALLAS EXEC

RWY 13, 31, 35: STANDARD.

RWY 17: 400-2 3/4 OR STANDARD WITH MINIMUM CLIMB OF 220 FT/NM TO 1200.

MCKINNEY NTL

RWY 18, 36: STANDARD.

PEROT FLD/FORT WORTH ALLIANCE

RWY 34R, 34L: STANDARD.

RWY 16L: 300-2 1/4 OR STANDARD WITH MINIMUM CLIMB OF 220 FT/NM TO 1100, OR ALTERNATIVELY, WITH STANDARD TAKEOFF MINIMUMS AND A NORMAL 200 FT/NM CLIMB GRADIENT, TAKEOFF MUST OCCUR NO LATER THAN 1900 FEET PRIOR TO DER.

RWY 16R: 300-2 1/4 OR STANDARD WITH MINIMUM CLIMB OF 225 FT/NM TO 1100, OR ALTERNATIVELY, WITH STANDARD TAKEOFF MINIMUMS AND A NORMAL 200 FT/NM CLIMB GRADIENT, TAKEOFF MUST OCCUR NO LATER THAN 2000 FEET PRIOR TO DER.



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FORT WORTH MEACHAM INTL

RWY 16, 17: STANDARD.

RWY 34: 300-1 7/8 OR STANDARD WITH MINIMUM CLIMB OF 225 FT/NM TO 1100, OR ALTERNATIVELY, WITH STANDARD TAKEOFF MINIMUMS AND A NORMAL 200 FT/NM CLIMB GRADIENT, TAKEOFF MUST OCCUR NO LATER THAN 2000 FEET PRIOR TO DER.

RWY 35: 300-1 1/4 OR STANDARD WITH MINIMUM CLIMB OF 210 FT/NM TO 900, OR ALTERNATIVELY, WITH STANDARD TAKEOFF MINIMUMS AND A NORMAL 200 FT/NM CLIMB GRADIENT, TAKEOFF MUST OCCUR NO LATER THAN 1300 FEET PRIOR TO DER.

FORT WORTH SPINKS

RWY 18L, 36R: NA-ENVIRONMENTAL.

RWY 18R, 36L: STANDARD.

FORT WORTH NAS JRB (CARSWELL FLD)

REFER TO APPROPRIATE MILITARY SERVICE DIRECTIVES.

ARLINGTON MUNI

RWY 16, 34: STANDARD.

DENTON ENTERPRISE

RWY 18L, 18R, 36L, 36R: STANDARD.

GRAND PRAIRIE MUNI

RWY 36: NA-ATC.

RWY 18: STANDARD.

LANCASTER RGNL

RWY 13: STANDARD.

RWY 31: 300-1 1/4 OR STANDARD WITH MINIMUM CLIMB OF 210 FT/NM TO 800, OR ALTERNATIVELY, WITH STANDARD TAKEOFF MINIMUMS AND A NORMAL 200 FT/NM CLIMB GRADIENT, TAKEOFF MUST OCCUR NO LATER THAN 1300 FEET PRIOR TO DER.

MESQUITE METRO

RWY 18, 36: STANDARD.

TAKEOFF OBSTACLES NOTES:

SEE FORM 8260-15A, TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP).

CONTROLLING OBSTACLES:

DALLAS-FORT WORTH INTL

RWY 35R: 1016 FT MSL TOWER 325628.78N/0965931.40W.

DALLAS LOVE FLD

RWY 13L, 13R: 1368 FT MSL BUILDING 324648.00N/0964814.00W.

ADDISON

RWY 16: 850 FT MSL BUILDING 325629.00N/0964925.00W (CLIMB GRADIENT, CLIMB-TO ALTITUDE), 975 FT MSL BUILDING 325540.81N/0964919.57W (CEILING), 973 FT MSL BUILDING 325536.93N/0964906.47W (VISIBILITY).

DALLAS EXEC

RWY 17: 1024 FT MSL TOWER 323817.76N/0965154.08W.

OBSTACLES MANDATING ODP ROUTE DEVELOPMENT:

RWY 13, 17, 31, 35: 2549 FT MSL TOWER 323502.67N/0965748.75W.

PEROT FLD/FORT WORTH ALLIANCE

RWY 16L, 16R: 961 FT MSL WATER TOWER 325641.35N/0971909.88W (CLIMB GRADIENT, CLIMB-TO ALTITUDE, CEILING), 954 FT MSL TANK 325641.21N/0971909.98W (VISIBILITY).

OBSTACLES MANDATING ODP ROUTE DEVELOPMENT:

RWY 16R: 1002 FT MSL TOWER 325653.00N/0971932.00W.



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FORT WORTH MEACHAM INTL

RWY 34: 970 FT MSL BUILDING 325123.18N/0972128.11W.
RWY 35: 826 FT MSL TRANSMISSION LINE 325026.78N/0972232.32W.
 OBSTACLES MANDATING ODP ROUTE DEVELOPMENT:
RWY 16: 1196 FT MSL BUILDING 324522.00N/0971950.00W (OFFSET ICA) AND 1743 FT MSL TOWER 324501.00N/0971608.00W (CLIMB-TO ALTITUDE).
RWY 17: 1743 FT MSL TOWER 324501.00N/0971608.00W.

FORT WORTH SPINKS

OBSTACLES MANDATING ODP ROUTE DEVELOPMENT:
RWY 18R: 1772 FT MSL TOWER 323212.00N/0972446.86W.

ARLINGTON MUNI

OBSTACLES MANDATING ODP ROUTE DEVELOPMENT:
RWY 16, 34: 2549 FT MSL TOWER 323502.67N/0965748.75W.

GRAND PRAIRIE MUNI

OBSTACLES MANDATING ODP ROUTE DEVELOPMENT:
RWY 18: 2549 FT MSL TOWER 323502.67N/0965748.75W.

LANCASTER RGNL

RWY 31: 661 FT MSL TRANSMISSION LINE 323601.76N/0964358.15W.
 OBSTACLES MANDATING ODP ROUTE DEVELOPMENT:
RWY 31: 2549 FT MSL TOWER 323502.67N/0965748.75W.

MSA:

KDFW: MSA FROM TTT VOR/DME 270-090 2700, 090-270 3600.
 KDAL: MSA FROM TTT VOR/DME 270-090 2700, 090-270 3600.
 KADS: MSA FROM TTT VOR/DME 270-090 2700, 090-270 3600.
 KRBD: MSA FROM TTT VOR/DME 270-090 2700, 090-270 3600.
 KTKI: MSA FROM TTT VOR/DME 270-090 2700, 090-270 3600, 30 NM.
 KAFW: MSA FROM TTT VOR/DME 270-090 2700, 090-270 3600.
 KFTW: MSA FROM TTT VOR/DME 270-090 2700, 090-270 3600.
 KFWS: MSA FROM TTT VOR/DME 270-090 2700, 090-270 3600.
 KNFW: MSA FROM TTT VOR/DME 270-090 2700, 090-270 3600.
 KGKY: MSA FROM TTT VOR/DME 270-090 2700, 090-270 3600.
 KDTO: MSA FROM TTT VOR/DME 270-090 2700, 090-270 3600.
 KGPM: MSA FROM TTT VOR/DME 270-090 2700, 090-270 3600.
 KLNC: MSA FROM TTT VOR/DME 270-090 2700, 090-270 3600.
 KHQZ: MSA FROM TTT VOR/DME 270-090 2700, 090-270 3600, 30 NM.

LOST COMMUNICATIONS PROCEDURES:

ADDITIONAL FLIGHT DATA:

CHART: ACT R-093 AT TORNN; LOA R-269 AT BILEE; ACT R-074 AT ELLVR; ACT R-120 AND CWK R-012 AT WINDU; CWK R-307 AT HOARY.
CHART: TSA GLIDERPORT.
CHART: HOLDING PATTERN AT TORNN, HOLD NW, RT, 154.40 INBOUND.
DALLAS-FORT WORTH INTL - CHART: TOP ALTITUDE: RWY 13L/13R/17L/17C/17R/18L/18R/35L/35C/35R/36L/36R: 10000; RWY 31L/31R: 5000.
DALLAS LOVE FLD - CHART: TOP ALTITUDE: RWY 13L/13R: 8000; RWY 31L/31R: ASSIGNED BY ATC.

ADDISON, DALLAS EXEC, MCKINNEY NTL, PEROT FLD/FORT WORTH ALLIANCE, FORT WORTH MEACHAM INTL, FORT WORTH SPINKS, FORT WORTH NAS JRB (CARSWELL FLD), ARLINGTON MUNI, DENTON ENTERPRISE, GRAND PRAIRIE MUNI, LANCASTER RGNL, MESQUITE METRO - CHART: TOP ALTITUDE: ASSIGNED BY ATC.

AIRPORT MV: DFW (P) 4E/2015, DAL 3E/2020, ADS 3E/2025, RBD 6E/1990, TKI 3E/2015, AFW 4E/2015, FTW 8E/1975, FWS 3E/2025, NFW 4E/2015, GKY 6E/2000, DTO 4E/2010, GPM 3E/2025, LNC 6E/1990, HQZ 3E/2015.



DP NAME JOE POOL	NUMBER SEVEN	DP COMPUTER CODE JPOOL7.TTT	SUPERSEDED NUMBER SIX	DATED 12/29/2022	ACTUAL EFFECTIVE DATE 25 JAN 2024
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AIRPORTS SERVED:

AIRPORT ID	CITY	STATE
KDFW	DALLAS-FORT WORTH	TX
KDAL	DALLAS	TX
KADS	DALLAS	TX
KRBD	DALLAS	TX
KTKI	DALLAS	TX
KAFW	FORT WORTH	TX
KFTW	FORT WORTH	TX
KFWS	FORT WORTH	TX
KNFW	FORT WORTH	TX
KGKY	ARLINGTON	TX
KDTO	DENTON	TX
KGPM	GRAND PRAIRIE	TX
KLNC	LANCASTER	TX
KHQZ	MESQUITE	TX

COMMUNICATIONS:

CHART 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. **CPDLC:** DFW, DAL.

FIXES AND/OR NAVAIDS:

BILEE

REMARKS:

- 100 FT MAXIMUM VEGETATION HEIGHT UTILIZED PER FPT CHECKLIST.
- DO NOT CHART MOCA: FROM TTT VOR/DME TO ARDIA.
- DO NOT CHART MOCA: FROM TTT VOR/DME TO DARTZ.
- DO NOT CHART MOCA: FROM TTT VOR/DME TO NELYN.
- MEA ON SEGMENTS FROM TTT VOR/DME TO FIX NEYLN DUE TO MINIMUM AIRSPACE FLOOR.
- MEA ON SEGMENTS FROM ACT VORTAC TO FIX HOARY, FROM FIX HOARY TO SAT VORTAC, FROM FIX JASPA TO FIX WINDU, FROM FIX ARDIA TO FIX ELLVR, FROM FIX ELLVR TO CLL VORTAC, FROM FIX DARTZ TO FIX BRDEN, FROM FIX BRDEN TO FIX TORNN, AND FROM FIX TORNN TO TNV VOR/DME DUE TO NAVAID ESV MRA.
- MEA ON SEGMENTS FROM TTT VOR/DME TO FIX JASPA, FROM TTT VOR/DME TO FIX ARDIA, FROM TTT VOR/DME TO FIX DARTZ, AND FROM FIX NEYLN TO ACT VORTAC DUE TO NAVAID MRA ON THE NEXT SEGMENT FOR AIRCRAFT CLIMB TO NEXT MEA.
- WAIVER ON FILE: CHART THREE NUMERIC TOP ALTITUDES.
- SID NAME COORDINATED WITH ATC AND AFS.



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FLIGHT INSPECTED BY	SIGNATURE	OFFICE	DATE	TITLE
JEFFREY A FINDLEY	<i>Digitally signed by</i> CASIMIR L TABAKA Dec 07, 2023	FPO	11/28/2023	
DEVELOPED BY	SIGNATURE	OFFICE	DATE	
MICHAEL MCCARTNEY	<i>Digitally signed by</i> MICHAEL A MCCARTNEY Aug 10, 2023	AJV-A431	05/30/2023	
APPROVED BY	SIGNATURE	OFFICE	DATE	TITLE
ERIC SUSKI	<i>Digitally signed by</i> ERIC N SUSKI Sep 08, 2023	AJV-A431		MANAGER
REQUIRED EFFECTIVE DATE				
ROUTINE				

COORDINATED WITH:

A4A
 ALPA
 AOPA
 APA
 HAI
 NBAA
 OTHER: ZFW, REGIONAL DEP CON, DFW TOWER, DAL TOWER, ADS TOWER, RBD TOWER, TKI TOWER, AFW TOWER, FTW TOWER, FWS TOWER, NFW TOWER, GKY TOWER, DTO TOWER, GPM TOWER, AMGR(S).

CHANGES - REASONS:

- AIRPORT NAME CHANGED FOR KAFW FROM FORT WORTH ALLIANCE TO PEROT FLD/FORT WORTH ALLIANCE AND UTILIZED UPDATED RUNWAY THRESHOLD LATITUDE/LONGITUDE AND RUNWAY THRESHOLD ELEVATIONS FOR ALL CALCULATIONS. - AIRFIELD NAME CHANGED IN NASR AND NEW RUNWAY SURVEYS.
- AIRPORT NAMES UPDATED FROM DALLAS-LOVE FIELD TO DALLAS LOVE FLD, FROM DALLAS EXECUTIVE TO DALLAS EXEC, FROM FORT WORTH NAS JRB/CARSWELL FIELD TO FORT WORTH NAS JRB (CARSWELL FLD), AND FROM MCKINNEY NATIONAL TO MCKINNEY NTL. - UPDATED TO OFFICIAL NASR NAMES.
- DP ROUTE DESCRIPTION, UPDATED TERMINOLOGY FROM "VECTOR" TO "RADAR VECTORS". - IAW FAAO 8260.46J PARAGRAPH 2-1-1.G.(2).
- DP ROUTE DESCRIPTION, DALLAS-FORT WORTH INTL, DELETED "UNLESS OTHERWISE ADVISED MAINTAIN ASSIGNED ALTITUDE" AND UPDATED TERMINOLOGY FROM "...ON VECTORS" TO "...FOR RADAR VECTORS". - ALL RUNWAYS HAVE NUMERIC TOP ALTITUDES AND FORMAT IAW FAAO 8260.46J PARAGRAPH 2-1-1.G.(2).
- DP ROUTE DESCRIPTION, CHANGED DALLAS LOVE FLD RWY 13L/R FROM "CLIMB ON HEADING 133.00, FOR VECTOR TO APPROPRIATE ROUTE" TO "CLIMB ON HEADING 133.00, CROSS CVE 13.00 DME AT OR BELOW 6000, THEN MAINTAIN 8000 FOR RADAR VECTORS TO APPROPRIATE ROUTE". - ATC (D10) REQUESTED REDESIGN WITH A MAXIMUM ALTITUDE RESTRICTION FOR DEPARTURES USING CVE VOR/DME TO DECONFLICT WITH DFW DEPARTURES FLYING OVERHEAD; THIRD NUMERIC MAINTAIN ALTITUDE CHARTED IAW WAIVER ON FILE TO CHART THREE NUMERIC TOP ALTITUDES.
- DP ROUTE DESCRIPTION, CHANGED DALLAS LOVE FLD RWY 31L/R NAVAID DESCRIPTION FROM "LVF OR OVW LOCALIZER 5.50 DME" TO "I-LVF 5.50 DME OR I-OVW 5.50 DME". - FORMAT IAW FAAO 8260.46J PARAGRAPH 2-1-1G.(5).
- MOVED FROM DP ROUTE DESCRIPTION DALLAS LOVE FLD "PROPS: PROPS DEPARTING DAL MUST CONTACT CLEARANCE DELIVERY FOR DEPARTURE INSTRUCTIONS" TO PROCEDURAL DATA NOTES AND UPDATED ANNOTATION FROM "PROPS:" TO "NOTE (DALLAS LOVE FLD ONLY):" - IAW FAAO 8260.46J APPENDIX D.SECTION 2.2.G.
- DP ROUTE DESCRIPTION, CHANGED FORT WORTH MEACHAM INTL TAKEOFF RWY 16 FROM CLIMB ON HEADING 163.90 TO CLIMB ON HEADING 165.90. - AVOID OBSTACLE TO MAINTAIN 200 FT/ NM CLIMB GRADIENT AND MATCH ODP.
- DP ROUTE DESCRIPTION, CHANGED LANCASTER RGNL TAKEOFF RWY 34 FROM CLIMB ON HEADING 314.32 TO CLIMB ON HEADING 314.31. - RUNWAY TRUE BEARING CHANGED FROM 320.32 TO 320.313 IN 2016.
- DP ROUTE DESCRIPTION, ON THE "DEPARTING ADDISON, DALLAS EXEC..." UPDATED VERBIAGE FROM "WHEN ENTERING CONTROLLED AIRSPACE, FLY ASSIGNED HEADING AND ALTITUDE, FOR VECTOR TO APPROPRIATE ROUTE" TO "WHEN ENTERING CONTROLLED AIRSPACE, FLY ASSIGNED HEADING FOR RADAR VECTORS TO APPROPRIATE ROUTE. MAINTAIN ATC ASSIGNED ALTITUDE". - UPDATED TERMINOLOGY AND TOP ALTITUDE VERBIAGE IAW FAAO 8260.46J PARAGRAPHS 2-1-1.G.(2) AND 3-1-1.L.(6).
- TRANSITION ROUTES, HOARY, SAN ANTONIO AND WACO TRANSITIONS, CHANGED DISTANCE ON FIX NELYN TO ACT VORTAC SEGMENT FROM 37.52 TO 37.53. - UPDATED CALCULATIONS.
- TRANSITION ROUTES, HOARY, SAN ANTONIO AND WACO TRANSITIONS, LOWERED MEA FROM TTT VOR/DME TO FIX NELYN SEGMENT FROM 4000 TO 2500. - LOWERED TO MIN AIRSPACE FOR SEGMENTS.
- TRANSITIONS ROUTES, HOARY, SAN ANTONIO AND WACO TRANSITIONS, LOWERED MEA FROM NELYN TO ACT VORTAC SEGMENT FROM 4000 TO 3800. - LOWEST ALTITUDE THAT ENSURES NAVAID RECEPTION ON CLIMB IN FOLLOW-ON SEGMENT TO FIX HOARY.
- TRANSITION ROUTES, WINDU TRANSITION, CHANGED MEA FROM FIX JASPA TO FIX WINDU SEGMENT FROM 8000 TO 6000. - LOWERED TO MRA FOR CWK VOR/DME ESV MRA FOR FOLLOW-ON FLIGHT.
- TRANSITION ROUTES, HOARY AND SAN ANTONIO TRANSITIONS, CHANGED DISTANCE ON ACT VORTAC TO FIX HOARY SEGMENT FROM 70.00 TO 69.99. - UPDATED CALCULATIONS.
- TRANSITION ROUTES, COLLEGE STATION TRANSITION, CHANGED MOCA ON ELLVR TO CLL VORTAC SEGMENT FROM 2200 TO 2300. - UPATED SEGMENT OBSTACLE 1272 WINDMILL (48-192951) 314439.55N/0964424.07W.
- TRANSITION ROUTES, NAVASOTA AND TORNN TRANSITIONS, CHANGED MOCA ON DARTZ TO BRDN SEGMENT FROM 2000 TO 2300. - UPDATED SEGMENT OBSTACLE 1240 WINDMILL



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- (48-192959) 315017.38N/0964316.01W.
18. TRANSITION ROUTES, NAVASOTA AND TORNN TRANSITIONS, CHANGED MOCA ON BRDEN TORNN SEGMENT FROM 2100 TO 2300. - UPDATED SEGMENT OBSTACLE 1262 WINDMILL (48-192909) 314441.69N/0964157.60W.
 19. MOVED FROM ADDITIONAL FLIGHT DATA "CHART NOTE: DALLAS-FORT WORTH DEPARTURES: MAINTAIN 240 KIAS UNTIL LEAVING 5000" TO PROCEDURAL DATA NOTES AND UPDATED ANNOTATION FROM "CHART NOTE: DALLAS-FORT WORTH DEPARTURES:" TO "NOTE (DALLAS-FORT WORTH INTL ONLY):". - IAW FAAO 8260.46J PARAGRAPH 2-1-1.(4)(B).
 20. TAKEOFF MINIMUMS, CHANGED ALL CLIMB GRADIENT FORMATS FROM "FT PER NM" TO "FT/NM" AND RTRL FROM "FT" TO "FEET". - FORMAT IAW FAAO 8260.46J APPENDIX D.SECTION 2.2.H.
 21. TAKEOFF MINIMUMS, CHANGED RWY FORMATS FOR DALLAS LOVE FLD FROM "RWY 31L/R:" TO "RWY 31L, 31R:". - FORMAT IAW FAAO 8260.46J APPENDIX D.SECTION 2.2.H.(2).
 22. TAKEOFF MINIMUMS, CHANGED PEROT FLD/FORT WORTH ALLIANCE RWY 16R FROM 220 FT PER NM TO 225 FT/NM AND RTRL FROM 1900 FT TO 2000 FEET PRIOR TO DER. - NEW RUNWAY SURVEY AND RWY 16R DER MOVED 115 FT SOUTH.
 23. TAKEOFF MINIMUMS, CHANGED FORT WORTH MEACHAM INTL RWY 34 CEILING AND VISIBILITY FROM 300-2 TO 300-1 7/8. - UPDATED DISTANCE CALCULATION TO OBSTACLE.
 24. TAKEOFF MINIMUMS, CHANGED FORT WORTH MEACHAM INTL RWY 35 RTRL FROM 1200 FT TO 1300 FEET PRIOR TO DER. - UPDATED OCS PENETRATION CALCULATIONS, CONTROLLING OBSTACLE DID NOT CHANGE.
 25. TAKEOFF MINIMUMS, CHANGED LANCASTER RGNL RWY 31 CLIMB GRADIENT FROM 205 FT PER NM TO 210 FT/NM, AND RTRL FROM 1200 FT TO 1300 FEET PRIOR TO DER. - UPDATED OBSTACLE EVALUATION CALCULATIONS, CONTROLLING OBSTACLE DID NOT CHANGE.
 26. TAKEOFF MINIMUMS, UPDATED FORMAT, COMBINED DENTON ENTERPRISE RWYS WITH STANDARD TAKEOFF MINIMUMS INTO ONE LINE. - IAW FAAO 8260.46J APPENDIX D.SECTION 2.2.H.
 27. CONTROLLING OBSTACLES, ADDED DESCRIPTION MODIFIERS CLIMB GRADIENT, CLIMB-TO ALTITUDE, CEILING AND VISIBILITY AS APPLICABLE. - IAW FAAO 8260.46J APPENDIX D.SECTION 2.2.J.
 28. CONTROLLING OBSTACLES, UPDATED DALLAS LOVE FLD RWY 13L, 13R OBSTACLE DESCRIPTION FROM "BLDG" TO "BUILDING" AND DELETED OEAAA NUMBER. - UPDATED DATABASE DESCRIPTION AND OEAAA NUMBER NOT REQUIRED IAW FAAO 8260.46J APPENDIX D.SECTION 2.2.J.(2).
 29. CONTROLLING OBSTACLES, DELETED DALLAS LOVE FLD OBSTACLES MANDATING ODP ROUTE DEVELOPMENT FOR RWY 31L, 31R. - RWY 31L, 31R HAS AN ATC REQUESTED DP ROUTE.
 30. CONTROLLING OBSTACLES, UPDATED DALLAS EXEC RWY 17 TOWER LAT/LONG FROM 323818.55N/0965153.91W TO 323817.76N/0965154.08W, DELETED "(CG)" FROM THE TOWER OBSTRUCTION, AND DELETED 1026 FT MSL ANTENNA 323817.76N/0965154.08W (CGTA/CEIL/VIS). - UPDATED DATABASE TOWER COORDINATES, ANTENNA OBSTACLE NO LONGER EXISTS AND TOWER IS NOW THE CLIMB GRADIENT, CLIMB-TO ALTITUDE, CEILING, AND VISIBILITY CONTROLLING OBSTRUCTION.
 31. CONTROLLING OBSTACLES, ADDED PEROT FLD/FORT WORTH ALLIANCE RWY 16L: 961 FT MSL WATER TOWER 325641.35N/0971909.88W (CLIMB GRADIENT, CLIMB-TO ALTITUDE, CEILING), 954 FT MSL TANK 325641.21N/0971909.98W (VISIBILITY). - MISSING ON PREVIOUS FORMS.
 32. CONTROLLING OBSTACLES, CHANGED PEROT FLD/FORT WORTH ALLIANCE RWY 16R VISIBILITY CONTROLLING OBSTACLE FROM 961 FT MSL WATER TOWER 325641.35N/0971909.88W TO 954 FT MSL TANK 325641.21N/0971909.98W. - NEW VISIBILITY CONTROLLING OBSTACLE.
 33. CONTROLLING OBSTACLES, UPDATED FORT WORTH MEACHAM INTL OBSTACLES MANDATING ODP ROUTING DESCRIPTION RWY 16 FROM "BLDG" TO "BUILDING". - UPDATED DATABASE DESCRIPTION.
 34. CONTROLLING OBSTACLES, ADDED VERBIAGE "OBSTACLES MANDATING ODP ROUTE DEVELOPMENT:" TO FORT WORTH SPINKS RWY 18R OBSTACLE. - TAKEOFF MINIMUMS ARE STANDARD AND THIS OBSTACLE IS THE REASON FOR THE RWY 18R DP ROUTE DESCRIPTION.
 35. CONTROLLING OBSTACLES, UPDATED LANCASTER RGNL RWY 31 OBSTACLE DESCRIPTION FROM "TRANSMISSION TOWER" TO TRANSMISSION LINE". - UPDATED DATABASE DESCRIPTION.
 36. MSA ADDED FOR ALL AIRPORTS. - REQUIRED IAW FAAO 8260.46J PARAGRAPH 3-1-2.
 37. ADDITIONAL FLIGHT DATA, MOVED **CHART**: BILEE TO FIXES AND/OR NAVAIDS SECTION AND UPDATED FORMAT. - REQUESTED TO BE CHARTED AND LOCATION/FORMAT IAW FAAO 8260.46J APPENDIX D.SECTION 2.2.P.
 38. ADDITIONAL FLIGHT DATA, DELETED "CHART: CLL VORTAC - 113.3". - CLL IS PART OF COLLEGE STATION TRANSITION AND WILL BE CHARTED AS PART OF TRANSITION ROUTES.
 39. ADDITIONAL FLIGHT DATA, UPDATED TOP ALTITUDE FORMAT FOR DALLAS-FORT WORTH INTL FROM "DALLAS-FORT WORTH INTL; CHART: TOP ALTITUDE: RWY 13L/R, 17L/C/R, 18L/R, 35L/C/R, 36L/R: 10000; RWY 31L/R: 5000" TO "DALLAS-FORT WORTH INTL - CHART: TOP ALTITUDE: RWY 13L/13R/17L/17C/17R/18L/18R/35L/35C/35R/36L/36R: 10000; RWY 31L/31R: 5000". - FORMAT IAW FAAO 8260.46J APPENDIX D.SECTION 2.2.M.
 40. ADDITIONAL FLIGHT DATA, UPDATED DALLAS LOVE FLD TOP ALTITUDE FROM "DALLAS-LOVE FIELD: CHART: TOP ALTITUDE ALL RUNWAYS: ASSIGNED BY ATC" TO "DALLAS LOVE FLD - CHART: TOP ALTITUDE: RWY 13L/13R: 8000; RWY 31L/31R: ASSIGNED BY ATC". - ADDED NUMERIC TOP ALTITUDE FOR AIR TRAFFIC DECONFLICTION WITH DFW IAW WAIVER ON FILE TO CHART THREE NUMERIC TOP ALTITUDES, AND FORMAT IAW FAAO 8260.46J APPENDIX D.SECTION 2.2.M.
 41. ADDITIONAL FLIGHT DATA, ADDED TOP ALTITUDE ASSIGNED BY ATC TO ALL OTHER AIRPORTS. - ALL AIRPORTS REQUIRE TOP ALTITUDES IAW FAAO 2860.46J APPENDIX D.SECTION 2.2.M.
 42. ADDITIONAL FLIGHT DATA, CHANGED CHRT HOLDING PATTERN FORMAT FROM "CHART HOLDING PATTERN: TORNN (HOLD NW ON TNV R-334, RIGHT TURNS, 154.40 INBOUND)" TO "CHART: HOLDING PATTERN AT TORNN, HOLD NW, RT, 154.40 INBOUND". - FORMAT IAW FAAO 8260.46J APPENDIX D.SECTION 2.2.M.
 43. ADDITIONAL FLIGHT DATA, MAGNETIC VARIATION ADDED FOR ALL AIRPORTS. - REQUIRED IAW AJV-A MEMO "MAGNETIC VARIATION DOCUMENTATION FOR STANDARD INSTRUMENT DEPARTURES AND GRAPHIC OBSTACLE DEPARTURE PROCEDURES" DATED 07/15/2022.
 44. AIRPORTS SERVED, CHANGED KAFW CITY FROM FORTH WORTH TO FORT WORTH. - FIXED TYPO.
 45. ADDED REMARKS "DO NOT CHART MOCA: FROM TTT VOR/DME TO ARDIA", "DO NOT CHART MOCA: FROM TTT VOR/DME TO DARTZ", AND "DO NOT CHART MOCA: FROM TTT VOR/DME TO NELYN". - MOCA NOT CHARTED IF LESS THAN 500 FT BELOW MEA IAW FAAO 8260.46J APPENDIX D.SECTION 2.D.(8).
 46. ADDED REMARK "MEA ON SEGMENTS FROM TTT VOR/DME TO FIX NEYLN DUE TO MINIMUM AIRSPACE FLOOR". - DOCUMENTING REASON WHEN SEGMENT MEA IS NOT THE MOCA IN THE TRANSITION ROUTES (GRAPHIC DEPICTION ONLY) SECTION.
 47. ADDED REMARK "MEA ON SEGMENTS FROM ACT VORTAC TO FIX HOARY, FROM FIX HOARY TO SAT VORTAC, FROM FIX JASPA TO FIX WINDU, FROM FIX ARDIA TO FIX ELLVR, FROM FIX ELLVR TO CLL VORTAC, FROM FIX DARTZ TO FIX BRDEN, FROM FIX BRDEN TO FIX TORNN, AND FROM FIX TORNN TO TNV VOR/DME DUE TO NAVAID ESV MRA". - DOCUMENTING REASON WHEN SEGMENT MEA IS NOT THE MOCA IN THE TRANSITION ROUTES (GRAPHIC DEPICTION ONLY) SECTION.
 48. ADDED REMARK "MEA ON SEGMENTS FROM TTT VOR/DME TO FIX JASPA, FROM TTT VOR/DME TO FIX ARDIA, FROM TTT VOR/DME TO FIX DARTZ, AND FROM FIX NEYLN TO ACT VORTAC DUE

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TO NAVAID MRA ON THE NEXT SEGMENT FOR AIRCRAFT CLIMB TO NEXT MEA". - DOCUMENTING REASON WHEN SEGMENT MEA IS NOT THE MOCA IN THE TRANSITION ROUTES (GRAPHIC DEPICTION ONLY) SECTION.

