

**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SUPERSEDED NUMBER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>
WORTH	ONE	WORTH1.TTT	NINE	03/24/2022	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 13L/R, 17L/C/R:** CLIMB ON ASSIGNED HEADING, THENCE...**TAKEOFF RWY 35L/C/R:** CLIMB ON ASSIGNED HEADING, THENCE...**TAKEOFF RWY 18L/R:** CLIMB ON HEADING 190.00, THENCE...**TAKEOFF RWY 36L/R:** CLIMB ON HEADING 340.00, THENCE...

...FOR RADAR VECTORS TO APPROPRIATE ROUTE, MAINTAIN 10000 AND EXPECT FILED ALTITUDE 10 MINUTES AFTER DEPARTURE.

TAKEOFF RWY 31L/R: CLIMB ON ASSIGNED HEADING AND ALTITUDE, THENCE...

...FOR RADAR VECTORS TO APPROPRIATE ROUTE, MAINTAIN 5000 AND EXPECT FILED ALTITUDE 10 MINUTES AFTER DEPARTURE.

DALLAS LOVE FLD**TAKEOFF RWY 13L:** 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.**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.

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

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):

TRANSITION NAME	TRANSITION COMPUTER CODE	FROM FIX/NAVAID	TO FIX/NAVAID	COURSE	DISTANCE	MEA	MOCA	CROSSING ALTITUDE/FIXES
ABILENE	WORTH1.ABI	TTT VOR/DME	PODDE	250.47 (TTT R-250)	36.07	3500	2800	
		PODDE	MQP VORTAC	260.89 (MQP R-081)	13.37	3000	2800	
		MQP VORTAC	ABI VORTAC	252.69 & 250.69 (MQP R-253 & ABI R-071)	95.71	3700	3600	
CHILDRESS	WORTH1.CDS	TTT VOR/DME	FERRA	285.01 (TTT R-285)	37.41	4000	2400	
		FERRA	SCABI	285.01 (TTT R-285)	91.93	14000	3000	
		SCABI	CDS VORTAC	306.75 (CDS R-127)	61.33	14000	3200	
CORONA	WORTH1.CNX	TTT VOR/DME	PODDE	250.47 (TTT R-250)	36.07	3500	2800	
		PODDE	MQP VORTAC	260.89 (MQP R-081)	13.37	3000	2800	
		MQP VORTAC	ABI VORTAC	252.69 & 250.69 (MQP R-253 & ABI R-071)	95.71	3700	3600	
		ABI VORTAC	LBB VORTAC	295.89 & 293.77 (ABI R-296 & LBB R-114)	126.70	14000	4800	
		LBB VORTAC	CNX VORTAC	271.98 & 267.87 (LBB R-272 & CNX R-088)	191.81	FL180	9300	
LUBBOCK	WORTH1.LBB	TTT VOR/DME	PODDE	250.47 (TTT R-250)	36.07	3500	2800	
		PODDE	MQP VORTAC	260.89 (MQP R-081)	13.37	3000	2800	
		MQP VORTAC	ABI VORTAC	252.69 & 250.69 (MQP R-253 & ABI R-071)	95.71	3700	3600	
		ABI VORTAC	LBB VORTAC	295.89 & 293.77 (ABI R-296 & LBB R-114)	126.70	14000	4800	
PANHANDLE	WORTH1.PNH	TTT VOR/DME	FERRA	285.01 (TTT R-285)	37.41	4000	2400	
		FERRA	SCABI	285.01 (TTT R-285)	91.93	14000	3000	
		SCABI	CDS VORTAC	306.75 (CDS R-127)	61.33	14000	3200	
		CDS VORTAC	PNH VORTAC	297.07 & 298.27 (CDS R-297 & PNH R-118)	86.86	5300	5000	

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WORTH	ONE	WORTH1.TTT	NINE	03/24/2022	25 JAN 2024
PODDE	WORTH1.PODDE	TTT VOR/DME	PODDE	250.47 (TTT R-250)	36.07 3500 2800
TEXICO	WORTH1.TXO	TTT VOR/DME	PODDE	250.47 (TTT R-250)	36.07 3500 2800
		PODDE	MQP VORTAC	260.89 (MQP R-081)	13.37 3000 2800
		MQP VORTAC	ABI VORTAC	252.69 & 250.69 (MQP R-253 & ABI R-071)	95.71 3700 3600
		ABI VORTAC	LBB VORTAC	295.89 & 293.77 (ABI R-296 & LBB R-114)	126.70 14000 4800
		LBB VORTAC	TXO VORTAC	305.00 & 304.48 (LBB R-305 & TXO R-124)	66.08 5900 5600

PBN REQUIREMENT NOTES:**EQUIPMENT REQUIREMENT NOTES:**

RADAR AND DME REQUIRED.

PROCEDURAL DATA NOTES:

PODDE TRANSITION: ATC ASSIGNED.

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

NOTE (DALLAS-FORT WORTH AND DALLAS LOVE FLD ONLY): PROPS: EXPECT COYOTE OR KINGDOM DEPARTURE.

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 34L, 34R: 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 34, 35:** NA-ATC.**RWY 16, 17:** STANDARD.**FORT WORTH SPINKS****RWY 18L, 36R:** NA-ENVIRONMENTAL.**RWY 36L:** NA-ATC.**RWY 18R:** 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:** NA-ATC.**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

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:** SPS R-233 AT SCABI.**CHART:** V62 BETWEEN ABI VORTAC AND LBB VORTAC.**CHART NOTE: DALLAS-FT WORTH DEPARTURES:** MAINTAIN 240 KIAS UNTIL LEAVING 5000.**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.

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AIRPORTS SERVED:

<u>AIRPORT ID</u>	<u>CITY</u>	<u>STATE</u>
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	MEQUITE	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:****REMARKS:**

1. 100 FT MAXIMUM VEGETATION HEIGHT UTILIZED PER FPT CHECKLIST.
2. DOCUMENTING HIGHEST MOCA FOR ALL TTT VOR/DME TO FIX PODDE SEGMENTS - CONTROLLED BY PODDE TRANSITION, OBSTACLE 1745 TOWER (48-014219) 324625.85N/0974635.83W.
3. DO NOT CHART MOCA: FROM FIX PODDE TO MQP VORTAC.
4. DO NOT CHART MOCA: FROM MQP VORTAC TO ABI VORTAC.
5. DO NOT CHART MOCA: FROM LBB VORTAC TO TXO VORTAC.
6. DO NOT CHART MOCA: FROM CDS VORTAC TO PNH VORTAC.
7. MEA ON SEGMENTS FROM TTT VOR/DME TO FIX FERRA, AND FROM ABI VORTAC TO LBB VORTAC DUE TO NAVAID MRA ON THE NEXT SEGMENT FOR AIRCRAFT CLIMB TO NEXT MEA.
8. MEA ON SEGMENTS FROM FIX FERRA TO FIX SCABI, FROM FIX SCABI TO CDS VORTAC, AND FROM LBB VORTAC TO CNX VORTAC DUE TO NAVAID ESV MRA.



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9. MEA ON SEGMENTS FROM TTT VOR/DME TO FIX PODDE, FROM FIX PODDE TO MQP VORTAC, FROM MQP VORTAC TO ABI VORTAC, FROM LBB VORTAC TO TXO VORTAC, AND FROM CDS VORTAC TO PNH VORTAC DUE TO MINIMUM AIRSPACE FLOOR.
10. WAIVER ON FILE: CHART THREE NUMERIC TOP ALTITUDES.
11. SID NAME COORDINATED WITH ATC AND AFS.

<u>FLIGHT INSPECTED BY</u>	<u>SIGNATURE</u>	<u>OFFICE</u>	<u>DATE</u>	
JEFFREY A FINDLEY	<i>Digitally signed by</i> ERIC N SUSKI Dec 06, 2023	FPO	12/02/2023	
<u>DEVELOPED BY</u>	<u>SIGNATURE</u>	<u>OFFICE</u>	<u>DATE</u>	
MICHAEL MCCARTNEY	<i>Digitally signed by</i> MICHAEL A MCCARTNEY Dec 05, 2023	AJV-A431	06/01/2023	
<u>APPROVED BY</u>	<u>SIGNATURE</u>	<u>OFFICE</u>	<u>DATE</u>	<u>TITLE</u>
ERIC SUSKI	<i>Digitally signed by</i> ERIC N SUSKI Dec 06, 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 ATCT, RBD ATCT, TKI ATCT, AFW ATCT, FTW ATCT, FWS ATCT, NFW ATCT, GKY ATCT, DTO ATCT, GPM ATCT, 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/LONGTITUDE AND 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 "FOR VECTOR", "ON VECTORS" AND "ON RADAR VECTORS" TO "FOR RADAR VECTORS". - IAW FAAO 8260.46J PARAGRAPH 2-1-1.G.(2).
- DP ROUTE DESCRIPTION, DALLAS-FORT WORTH INTL, DELETED "AND ALTITUDE" FROM RWY 13L/R, 17L/C/R, RWY 35L/C/R TAKEOFF DESCRIPTION, DELETED EXTRA PERIOD IN ELLIPSIS FROM RWY 31L/R TAKEOFF DESCRIPTION, AND DELETED "UNLESS OTHERWISE ADVISED" FROM BEFORE MAINTAIN ALTITUDE. - TOP ALTITUDES ARE NUMERIC AND FIXED TYPO.
- DP ROUTE DESCRIPTION, CHANGED DALLAS LOVE FLD RWY 13L/R FROM "CLIMB ON HEADING 133.00, THENCE... ..ON VECTORS TO APPROPRIATE ROUTE. MAINTAIN ATC ASSIGNED ALTITUDE AND EXPECT FILED ALTITUDE 10 MINUTES AFTER DEPARTURE." TO "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". - 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" AND DELETED "THENCE...". - FORMAT IAW FAAO 8260.46J PARAGRAPH 2-1-1.G.(5) AND ONLY THESE RUNWAYS HAVE TOP ALTITUDE ASSIGNED BY ATC.
- DP ROUTE DESCRIPTION, FOR DALLAS EXEC, PEROT FLD/FORT WORTH ALLIANCE, FOR WORTH MEACHAM INTL, FORT WORTH SPINKS, ARLINGTON MUNI, GRAND PRAIRIE PUNI AND LANCASTER RGNL, MOVED "THENCE... ..FLY ASSIGNED HEADING AND ALTITUDE, FOR VECTOR TO APPROPRIATE ROUTE" TO COMBINED LIST OF DEPARTING AIRCRAFT ROUTING INSTRUCTIONS AND ADDED THESE AIPTS TO THE LIST TO READ "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". - COMBINED TO STANDARDIZE WITH DALLAS AREA SIDS, AND UPDATED TERMINOLOGY AND TOP ALTITUDE VERBIAGE IAW FAAO 8260.46J PARAGRAPHS 2-1-1.G.(2) AND 3-1-1.L.(6).
- 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.
- TRANSITION ROUTES, ABILENE, CORONA, LUBBOCK, PODDE AND TEXICO TRANSITIONS, CHANGED MOCA ON TTT VOR/DME TO FIX PODDE SEGMENT FROM 2500 TO 2800. - FOUR TRANSITIONS USING THIS SEGMENT IDENTIFY TWO DIFFERENT CONTROLLING OBSTACLES. FOR CHARTING PURPOSES DOCUMENTED THE HIGHEST MOCA OF 2800 BASED ON PODDE TRANSITION, 1745 TOWER (48-014219) 324625.85N/0974635.83W.
- TRANSITION ROUTES, ABILENE, CORONA, LUBBOCK AND TEXICO TRANSITIONS, CHANGED MOCA ON MQP VORTAC TO ABI VORTAC SEGMENT FROM 3500 TO 3600. - NEW OBSTACLE 2554 WINDMILL (48-185925) 322807.16N/0992927.77W.
- TRANSITION ROUTES, ADDED MOCA FROM FIX SCABI TO CDS VORTAC SEGMENT, FROM ABI VORTAC TO LBB VORTAC SEGMENT, FROM LBB VORTAC TO CNX VORTAC SEGMENT, FROM LBB

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<p>12. TRANSITION ROUTES, ADDED MOCA FROM FIX SCABI TO CDS VORTAC SEGMENT, FROM ABI VORTAC TO LBB VORTAC SEGMENT, FROM LBB VORTAC TO CNX VORTAC SEGMENT, FROM LBB VORTAC TO TXO VORTAC. - MISSING ON FORMS, REQUIRED IAW FAAO 8260-46J APPENDIX D.SECTION 2.2.D.(8).</p> <p>13. TRANSITION ROUTES, PODDE TRANSITION, ABILENE TRANSITION, LUBBOCK TRANSITION, CORONA TRANSITION, AND TEXICO TRANSITION, CHANGED MEA FROM TTT VOR/DME TO FIX PODDE SEGMENT FROM 4000 TO 2900. - LOWERED MEA TO MINIMUM AIRSPACE ALTITUDE.</p> <p>14. TRANSITION ROUTES, ABILENE TRANSITION, LUBBOCK TRANSITION, CORONA TRANSITION, AND TEXICO TRANSITION, CHANGED MEA FROM FIX PODDE TO MQP VORTAC SEGMENT FROM 4000 TO 3000. - LOWERED MEA TO MINIMUM AIRSPACE ALTITUDE.</p> <p>15. TRANSITION ROUTES, ABILENE TRANSITION, LUBBOCK TRANSITION, CORONA TRANSITION, AND TEXICO TRANSITION, CHANGED MEA FROM MQP VORTAC TO ABI VORTAC SEGMENT FROM 4000 TO 3700. - LOWERED MEA TO MINIMUM AIRSPACE ALTITUDE.</p> <p>16. TRANSITION ROUTES, LUBBOCK TRANSITION, CORONA TRANSITION, AND TEXICO TRANSITION, CHANGED MEA FROM ABI VORTAC TO LBB VORTAC SEGMENT FROM FL180 TO 14000. - LOWEST ALTITUDE FOR LBB VORTAC STANDARD SERVICE VOLUME RECEPTION FOR AIRCRAFT CLIMB TO LBB VORTAC ESV MRA ON FOLLOW-ON SEGMENT FROM LBB VORTAC TO CNX VORTAC.</p> <p>17. TRANSITION ROUTES, TEXICO TRANSITION, CHANGED MEA FROM LBB VORTAC TO TXO VORTAC SEGMENT FROM FL180 TO 5900. - LOWERED MEA TO MINIMUM AIRSPACE ALTITUDE.</p> <p>18. TRANSITION ROUTES, CHILDRESS TRANSITION AND PANHANDLE TRANSITION, CHANGED MEA FROM FIX SCABI TO CDS VORTAC SEGMENT FROM FL180 TO 14000. - LOWERED MEA TO MRA.</p> <p>19. TRANSITION ROUTES, PANHANDLE TRANSITION, CHANGED MEA FROM CDS VORTAC TO PNH VORTAC SEGMENT FROM FL180 TO 5300. - LOWERED MEA TO MINIMUM AIRSPACE ALTITUDE.</p> <p>20. PROCEDURAL DATA NOTES, MOVED "NOTE (ALL AIRPORTS): RADAR AND DME REQUIRED" TO EQUIPMENT REQUIREMENT NOTES AND REFORMATTED AS "RADAR AND DME REQUIRED". - LOCATION AND FORMAT IAW FAAO 8260.46J PARAGRAPH 2-1-1.F.</p> <p>21. MOVED FROM ADDITIONAL FLIGHT DATA "CHART: DALLAS-FORT WORTH DEPARTURES: MAINTAIN 240 KIAS UNTIL LEAVING 5000" TO PROCEDURAL DATA NOTES AND UPDATED ANNOTATION FROM "CHART: DALLAS-FORT WORTH DEPARTURES:" TO "NOTE (DALLAS-FORT WORTH INTL ONLY):". - IAW FAAO 8260.46J PARAGRAPH 2-1-1.(4)(B).</p> <p>22. 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.</p> <p>23. 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.</p> <p>24. 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.</p> <p>25. 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.</p> <p>26. CONTROLLING OBSTACLES, ADDED DESCRIPTION MODIFIERS CLIMB GRADIENT, CLIMB-TO ALTITUDE, CEILING AND VISIBILTY AS APPLICABLE. - IAW FAAO 8260.46J APPENDIX D.SECTION 2.2.J.</p> <p>27. 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).</p> <p>28. CONTROLLING OBSTACLES, DELETED DALLAS LOVE FLD OBSTACLES MANDATING ODP ROUTE DEVELOPMENT FOR RWY 31L, 31R. - RWY 31L, 31R HAS AN ATC REQUESTED DP ROUTE.</p> <p>29. 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.</p> <p>30. 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.</p> <p>31. CONTROLLING OBSTACLES, CHANGED PEROT FLD/FORT WORTH ALLIANCE RWY 16R VISIBILITY CONTROLLING OBSTRUCTION FROM 961 FT MSL WATER TOWER 325641.35N/0971909.88W TO 954 FT MSL TANK 325641.21N/0971909.98W. - NEW VISIBILITY CONTROLLING OBSTRUCTION.</p> <p>32. CONTROLLING OBSTACLES, UPDATED FORT WORTH MEACHAM INTL OBSTACLES MANDATING ODP ROUTING DESCRIPTION RWY 16 FROM "BLDG" TO "BUILDING" - UPDATED DATABASE DESCRIPTION.</p> <p>33. 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.</p> <p>34. CONTROLLING OBSTACLES, UPDATED LANCASTER RGNL RWY 31 OBSTACLE DESCRIPTION FROM "TRANSMISSION TOWER" TO TRANSMISSION LINE". - UPDATED DATA/SE DESCRIPTION.</p> <p>35. MSA ADDED FOR ALL AIRPORTS. - REQUIRED IAW FAAO 8260.46J PARAGRAPH 3-1-2.</p> <p>36. 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.</p> <p>37. ADDITIONAL FLIGHT DATA, UPDATED DALLAS LOVE FLD TOP ALTITUDE FROM "DALLAS LOVE FIELD: CHART: TOP ALTITUDE: 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.</p> <p>38. 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.</p> <p>39. ADDITIONAL FLIGHT DATA, UPDATED REFERENCE MAGNETIC VARIATION FORMAT FOR KDFW FROM "REFERENCE MAG VAR: KDFW 4E EPOCH YR: 2015" TO "AIRPORT MV: DFW (P) 4E/2015", AND ADDED ALL SECONDARY AIRPORT MAGNETIC VARIATIONS. - REQUIRED IAW AJV-A MEMO "MAGNETIC VARIATION DOCUMENTATION FOR STANDARD INSTRUMENT DEPARTURES AND GRAPHIC OBSTACLE DEPARTURE PROCEDURES" DATED 07/15/2022.</p> <p>40. AIRPORTS SERVED, DELETED AIRPORT NAMES. - AIRPORT NAMES NO LONGER REQUIRED IAW FAAO 8260.46J APPENDIX D.SECTION 2.2.N.</p> <p>41. COMMUNICATIONS, ADDED "CHART:" AND DELETED DEP CON. - FORMAT AND AUTOMATIC DEP CON CHARTING IAW FAAO 8260.46J APPENDIX D.SECTION 2.2.O.</p> <p>42. ADDED REMARK "DOCUMENTING HIGHEST MOCA FOR ALL TTT VOR/DME TO FIX PODDE SEGMENTS - CONTROLLED BY PODDE TRANSITION, OBSTACLE 1745 TOWER (48-014219) 324625.85N/0974635.83W". - CHARTING CAN ONLY CHART ONE MOCA ON A SEGMENT.</p> <p>43. ADDED REMARKS "DO NOT CHART MOCA: FROM TTT VOR/DME TO FIX PODDE", "DO NOT CHART MOCA: FROM FIX PODDE TO MQP VORTAC", "DO NOT CHART MOCA: FROM MQP VORTAC TO ABI</p>					



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VORTAC", "DO NOT CHART MOCA: FROM LBB VORTAC TO TXO VORTAC", AND "DO NOT CHART MOCA: FROM CDS VORTAC TO PNH VORTAC". - MOCA NOT CHARTED WITH 500 FT OF MEA IAW FAO 8260.46J APPENDIX D.SECTION 2.2.D.(7).

44. ADDED REMARK "MEA ON SEGMENTS FROM TTT VOR/DME TO FIX FERRA, AND FROM ABI VORTAC TO LBB VORTAC DUE TO NAVAID MRA ON THE NEXT SEGMENT FOR AIRCRAFT CLIMB TO NEXT MEA". - DOCUMENTING REASON WHEN MEA IS NOT BASED ON MOCA FROM TRANSITION ROUTES (GRAPHIC DEPICTION ONLY) SECTION.

45. ADDED REMARK "MEA ON SEGMENTS FROM FIX FERRA TO FIX SCABI, FROM FIX SCABI TO CDS VORTAC, AND FROM LBB VORTAC TO CNX VORTAC DUE TO NAVAID ESV MRA". - DOCUMENTING REASON WHEN MEA IS NOT BASED ON MOCA FROM TRANSITION ROUTES (GRAPHIC DEPICTION ONLY) SECTION.

46. ADDED REMARK "MEA ON SEGMENTS FROM TTT VOR/DME TO FIX PODDE, FROM FIX PODDE TO MQP VORTAC, FROM MQP VORTAC TO ABI VORTAC, FROM LBB VORTAC TO TXO VORTAC, AND FROM CDS VORTAC TO PNH VORTAC DUE TO MINIMUM AIRSPACE FLOOR". - DOCUMENTING REASON WHEN MEA IS NOT BASED ON MOCA FROM TRANSITION ROUTES (GRAPHIC DEPICTION ONLY) SECTION.

12/05/23: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 06/01/23.

1. TRANSITION ROUTES, CHANGED MEA ON ALL TTT VOR/DME TO FIX PODDE SEGMENTS FROM MEA 2900 TO MEA 3500. - TTT DME UNLOCK AT 21.9 NM TO 23.7 NM PER FLIGHT INSPECTION ON 12/02/2023; FLIGHT CHECKED SAT AT 3500.

2. REMARKS, DELETED "3. DO NOT CHART MOCA: FROM TTT VOR/DME TO FIX PODDE" AND RENUMBERED REMAINING REMARKS IN SEQUENCE. - THIS SEGMENT MEA RAISED TO 3500 AND IS NOW

GREATER THAN 500 FT ABOVE MOCA.

3. SIGNATURE BLOCK, ADDED FLIGHT INSPECTED BY "JEFFREY A FINDLEY", OFFICE "FPO", AND DATE "12/02/2023."

Digitally signed by

ERIC N SUSKI

Dec 06, 2023

