

**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SUPERSEDED NUMBER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	NINE	WORTH9.TTT	EIGHT	01/27/2022	24 MAR 2022

<u>TYPE:</u>	<u>OBSTACLE</u>	<u>COPTER</u>	<u>SID</u>	<u>SPECIAL</u>	<u>RNAV</u>
	☐	☐	☒	☐	☐

DP ROUTE DESCRIPTION:**DALLAS-FORT WORTH INTL****TAKEOFF RWY 13L/R, 17C/L/R:** CLIMB ON ASSIGNED HEADING AND ALTITUDE, THENCE...**TAKEOFF RWY 35C/L/R:** CLIMB ON ASSIGNED HEADING AND ALTITUDE, THENCE...**TAKEOFF RWY 18L/R:** CLIMB ON HEADING 190.00, THENCE...**TAKEOFF RWY 36L/R:** CLIMB ON HEADING 340.00, THENCE...

...ON RADAR VECTORS TO APPROPRIATE ROUTE, UNLESS OTHERWISE ADVISED MAINTAIN 10000 AND EXPECT FILED ALTITUDE 10 MINUTES AFTER DEPARTURE.

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

...ON RADAR VECTORS TO APPROPRIATE ROUTE, UNLESS OTHERWISE ADVISED MAINTAIN 5000 AND EXPECT FILED ALTITUDE 10 MINUTES AFTER DEPARTURE.

DALLAS LOVE FIELD**TAKEOFF RWY 13L/R:** CLIMB ON HEADING 133.00, THENCE...

...ON VECTORS TO APPROPRIATE ROUTE. MAINTAIN ATC ASSIGNED ALTITUDE AND EXPECT FILED ALTITUDE 10 MINUTES AFTER DEPARTURE.

TAKEOFF RWY 31L/R: CLIMB ON HEADING 313.00 UNTIL THE LVF OR OVW LOCALIZER 5.50 DME, THEN RIGHT TURN HEADING 013.00 FOR VECTOR TO THE APPROPRIATE ROUTE, THENCE...

...MAINTAIN ATC ASSIGNED ALTITUDE AND EXPECT FILED ALTITUDE 10 MINUTES AFTER DEPARTURE.

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

...FLY ASSIGNED HEADING AND ALTITUDE, FOR VECTOR TO APPROPRIATE ROUTE.

FORT WORTH ALLIANCE**TAKEOFF RWY 16R:** CLIMB ON HEADING 166.21 TO 1100 BEFORE TURNING RIGHT, THENCE...

...FLY ASSIGNED HEADING AND ALTITUDE, FOR VECTOR TO APPROPRIATE ROUTE.

FORT WORTH MEACHAM INTL**TAKEOFF RWY 16:** CLIMB ON HEADING 163.90 TO 1600 BEFORE PROCEEDING ON COURSE, THENCE...**TAKEOFF RWY 17:** CLIMB ON HEADING 163.90 TO 1600 BEFORE PROCEEDING ON COURSE, THENCE...

...FLY ASSIGNED HEADING AND ALTITUDE, FOR VECTOR TO APPROPRIATE ROUTE.



<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	NINE	WORTH9.TTT	EIGHT	01/27/2022	24 MAR 2022

FORT WORTH SPINKS**TAKEOFF RWY 18R:** CLIMB ON HEADING 177.11 TO 1200 BEFORE TURNING RIGHT, THENCE...

...FLY ASSIGNED HEADING AND ALTITUDE, FOR VECTOR TO APPROPRIATE ROUTE.

ARLINGTON MUNI**TAKEOFF RWY 16:** CLIMB ON HEADING 162.02 TO 2500 BEFORE TURNING LEFT, THENCE...**TAKEOFF RWY 34:** CLIMB ON HEADING 342.02 TO 1400 BEFORE TURNING SOUTHEAST BOUND, THENCE...

...FLY ASSIGNED HEADING AND ALTITUDE, FOR VECTOR TO APPROPRIATE ROUTE.

GRAND PRAIRIE MUNI**TAKEOFF RWY 18:** CLIMB ON HEADING 192.34 TO 2500 BEFORE PROCEEDING ON COURSE, THENCE...

...FLY ASSIGNED HEADING AND ALTITUDE, FOR VECTOR TO APPROPRIATE ROUTE.

LANCASTER RGNL**TAKEOFF RWY 31:** CLIMB ON HEADING 314.32 TO 1800 BEFORE TURNING LEFT, THENCE...

...FLY ASSIGNED HEADING AND ALTITUDE, FOR VECTOR TO APPROPRIATE ROUTE.

DEPARTING ADDISON, MCKINNEY NATIONAL, FORT WORTH NAS JRB (CARSWELL FIELD), DENTON ENTERPRISE, MESQUITE METRO: FLY ASSIGNED HEADING AND ALTITUDE, FOR VECTOR TO APPROPRIATE ROUTE.**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>
ABILENE	WORTH9.ABI	TTT VOR/DME	PODDE	250.47 (TTT R-250)	36.07	4000	2500	
		PODDE	MQP VORTAC	260.89 (MQP R-081)	13.37	4000	2800	
		MQP VORTAC	ABI VORTAC	252.69 & 250.69 (MQP R-253 & ABI R-071)	95.71	4000	3500	
CHILDRESS	WORTH9.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	FL180		
CORONA	WORTH9.CNX	TTT VOR/DME	PODDE	250.47 (TTT R-250)	36.07	4000	2500	
		PODDE	MQP VORTAC	260.89 (MQP R-081)	13.37	4000	2800	
		MQP VORTAC	ABI VORTAC	252.69 & 250.69 (MQP R-253 & ABI R-071)	95.71	4000	3500	
		ABI VORTAC	LBB VORTAC	295.89 & 293.77 (ABI R-296 & LBB R-114)	126.70	FL180		
		LBB VORTAC	CNX VORTAC	271.98 & 267.87 (LBB R-272 & CNX R-088)	191.81	FL180		
LUBBOCK	WORTH9.LBB	TTT VOR/DME	PODDE	250.47 (TTT R-250)	36.07	4000	2500	



DP NAME		NUMBER	DP COMPUTER CODE	SUPERSEDED NUMBER	DATED		ACTUAL EFFECTIVE DATE
WORTH		NINE	WORTH9.TTT	EIGHT	01/27/2022		24 MAR 2022
		PODDE	MQP VORTAC	260.89 (MQP R-081)	13.37	4000	2800
		MQP VORTAC	ABI VORTAC	252.69 & 250.69 (MQP R-253 & ABI R-071)	95.71	4000	3500
		ABI VORTAC	LBB VORTAC	295.89 & 293.77 (ABI R-296 & LBB R-114)	126.70	6000	4800
PANHANDLE	WORTH9.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	FL180	
		CDS VORTAC	PNH VORTAC	297.07 & 298.27 (CDS R-297 & PNH R-118)	86.86	FL180	5000
PODDE	WORTH9.PODDE	TTT VOR/DME	PODDE	250.47 (TTT R-250)	36.07	4000	2500
TEXICO	WORTH9.TXO	TTT VOR/DME	PODDE	250.47 (TTT R-250)	36.07	4000	2500
		PODDE	MQP VORTAC	260.89 (MQP R-081)	13.37	4000	2800
		MQP VORTAC	ABI VORTAC	252.69 & 250.69 (MQP R-253 & ABI R-071)	95.71	4000	3500
		ABI VORTAC	LBB VORTAC	295.89 & 293.77 (ABI R-296 & LBB R-114)	126.70	FL180	
		LBB VORTAC	TXO VORTAC	305.00 & 304.48 (LBB R-305 & TXO R-124)	66.08	FL 180	

PROCEDURAL DATA NOTES:**PODDE TRANSITION:** ATC ASSIGNED.**NOTE (ALL AIRPORTS):** RADAR AND DME REQUIRED.**NOTE (DALLAS-FORT WORTH AND DALLAS LOVE FIELD ONLY):** PROPS: EXPECT COYOTE OR KINGDOM DEPARTURE.**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 MINIMUM CLIMB OF 245 FT PER NM TO 1200.**DALLAS LOVE FIELD****RWY 31L, 31R:** STANDARD.**RWY 13L:** STANDARD WITH MINIMUM CLIMB OF 290 FT PER NM TO 1700.**RWY 13R:** STANDARD WITH MINIMUM CLIMB OF 315 FT PER NM TO 1700.**ADDISON****RWY 34:** STANDARD.**RWY 16:** 400 - 2 1/2 OR STANDARD WITH 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 MINIMUM CLIMB OF 220 FT PER NM TO 1200.**MCKINNEY NATIONAL****RWY 18, 36:** STANDARD.

<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	NINE	WORTH9.TTT	EIGHT	01/27/2022	24 MAR 2022

FORT WORTH ALLIANCE**RWY 34R, 34L:** STANDARD.**RWY 16L/R:** 300 - 2 1/4 OR STANDARD WITH 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 1900 FT PRIOR TO DER.**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 FIELD)**

REFER TO APPROPRIATE MILITARY SERVICE DIRECTIVES.

ARLINGTON MUNI**RWY 16, 34:** STANDARD.**DENTON ENTERPRISE****RWY 18R, 36L:** STANDARD.**RWY 18L, 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 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.**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 FIELD****RWY 13L, 13R:** 1368 FT MSL BLDG (48-004928) 324648.00N/0964814.00W.

OBSTACLES MANDATING ODP ROUTE DEVELOPMENT:

RWY 31L, 31R: 1048 FT MSL TOWER (48-008398) 325215.51N/0965524.76W**ADDISON****RWY 16:** 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:** 1024 FT MSL TOWER 323818.55N/0965153.91W (CG), 1026 FT MSL ANTENNA 323817.76N/0965154.08W (CGTA/CEIL/VIS).

OBSTACLES MANDATING ODP ROUTE DEVELOPMENT:

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

<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	NINE	WORTH9.TTT	EIGHT	01/27/2022	24 MAR 2022

FORT WORTH ALLIANCE

RWY 16R: 961 FT MSL WATER TOWER 325641.35N/0971909.88W.

OBSTACLES MANDATING ODP ROUTE DEVELOPMENT:

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

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 (CTA)

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

FORT WORTH SPINKS

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 TOWER 323601.76N/0964358.15W.

OBSTACLES MANDATING ODP ROUTE DEVELOPMENT:

RWY 31: 2549 FT MSL TOWER 323502.67N/0965748.75W.

LOST COMMUNICATIONS PROCEDURES:**ADDITIONAL FLIGHT DATA:**

CHART: SPS R-233 AT SCABI.

CHART: V62 BETWEEN ABI VORTAC AND LBB VORTAC.

CHART: DALLAS-FT WORTH DEPARTURES: MAINTAIN 240 KIAS UNTIL LEAVING 5000.

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.

DALLAS LOVE FIELD: CHART: TOP ALTITUDE: ASSIGNED BY ATC.

REFERENCE MAG VAR: KDFW 4E EPOCH YR: 2015.

AIRPORTS SERVED:

<u>AIRPORT NAME</u>	<u>AIRPORT ID</u>	<u>CITY</u>	<u>STATE</u>
DALLAS-FORT WORTH INTL	KDFW	DALLAS-FORT WORTH	TX
DALLAS LOVE FIELD	KDAL	DALLAS	TX
ADDISON	KADS	DALLAS	TX
DALLAS EXECUTIVE	KRBD	DALLAS	TX
MCKINNEY NATIONAL	KTKI	DALLAS	TX
FORT WORTH ALLIANCE	KAFW	FORT WORTH	TX

QUALITY
26
CHECKED

<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	NINE	WORTH9.TTT	EIGHT	01/27/2022	24 MAR 2022
FORT WORTH MEACHAM INTL	KFTW		FORT WORTH		TX
FORT WORTH SPINKS	KFWS		FORT WORTH		TX
FORT WORTH NAS JRB (CARSWELL FIELD)	KNFW		FORT WORTH		TX
ARLINGTON MUNI	KGKY		ARLINGTON		TX
DENTON ENTERPRISE	KDTO		DENTON		TX
GRAND PRAIRIE MUNI	KGPM		GRAND PRAIRIE		TX
LANCASTER RGNL	KLNC		LANCASTER		TX
MESQUITE METRO	KHQZ		MESQUITE		TX

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:** ALL AIRPORTS.**CPDLC:** DFW, DAL.**FIXES AND/OR NAVAIDS:****REMARKS:**

ABBREVIATED AMENDMENT.

WAIVER ON FILE FOR THREE PUBLISHED TOP ALTITUDES.

FLIGHT INSPECTED BYPROCESSED IAW TECHNICAL SUPPORT GROUP (AJF-17) MEMO DATED 07/07/2021 SUBJECT:
GUIDANCE FOR PROCEDURAL CHANGES REQUIRING FLIGHT INSPECTION/VALIDATION.*Digitally signed by***DONALD H LANIER**

Jan 05, 2022

OFFICE**DATE****DEVELOPED BY**

DONALD LANIER (DEXTER SWEETING)

*Digitally signed by***DONALD H LANIER**

Jan 05, 2022

OFFICE**DATE**

AJV-A431

11/04/2021

APPROVED BY

LONNIE EVERHART

*Digitally signed by***DONALD H LANIER**

Jan 05, 2022

OFFICE**DATE****TITLE**

AJV-A430

MANAGER

REQUIRED EFFECTIVE DATE

ROUTINE

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

<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	NINE	WORTH9.TTT	EIGHT	01/27/2022	24 MAR 2022

CHANGES - REASONS:

1. CHANGED ALL REFERENCES OF ADDISON RWYS 15/33 TO 16/34 - MAGVAR UPDATE FROM 5E 2000 TO 3E 2025.
2. CHANGED NAME FROM WORTH EIGHT TO WORTH NINE AND COMPUTER CODE FROM WORTH8.TTT TO WORTH9.TTT - FPT PROCEDURE AMENDMENT REQUEST TO RENUMBER RWYS.

