

**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SUPERSEDED NUMBER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>
BOTCH	TWO	BOTCH2.BOTCH	ONE	04/17/2025	

<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 checked="" type="checkbox"/>

**DP ROUTE DESCRIPTION:**

DALLAS LOVE FLD: (DAL)

TAKEOFF RWY 13L: CLIMB ON HEADING 132.63 TO 987, THEN ON HEADING 260.93 OR AS ASSIGNED BY ATC, FOR VECTORS TO CROSS DEMII AT OR ABOVE 5000, THENCE...  
 TAKEOFF RWY 13R: CLIMB ON HEADING 132.62 TO 987, THEN ON HEADING 262.25 OR AS ASSIGNED BY ATC, FOR VECTORS TO CROSS DEMII AT OR ABOVE 5000, THENCE...  
 TAKEOFF RWY 31L: CLIMB ON HEADING 312.63 TO 1300, THEN ON HEADING 258.85 OR AS ASSIGNED BY ATC, FOR VECTORS TO CROSS DEMII AT OR ABOVE 5000, THENCE...  
 TAKEOFF RWY 31R: CLIMB ON HEADING 312.64 TO 1300, THEN ON HEADING 257.94 OR AS ASSIGNED BY ATC, FOR VECTORS TO CROSS DEMII AT OR ABOVE 5000, THENCE...

ADDISON: (ADS)

TAKEOFF RWY 16: CLIMB ON HEADING 156.77 TO 1145, THEN ON HEADING 242.70 OR AS ASSIGNED BY ATC, FOR VECTORS TO CROSS DEMII AT OR ABOVE 5000, THENCE...  
 TAKEOFF RWY 34: CLIMB ON HEADING 336.77 TO 1145, THEN ON HEADING 239.65 OR AS ASSIGNED BY ATC, FOR VECTORS TO CROSS DEMII AT OR ABOVE 5000, THENCE...

ARLINGTON MUNI: (GKY)

TAKEOFF RWY 16: CLIMB ON HEADING 162.02 TO 2500, THEN ON HEADING 315.86 OR AS ASSIGNED BY ATC, FOR VECTORS TO CROSS DEMII AT OR ABOVE 5000, THENCE...  
 TAKEOFF RWY 34: CLIMB ON HEADING 342.02 TO 1400, THEN ON HEADING 313.46 OR AS ASSIGNED BY ATC, FOR VECTORS TO CROSS DEMII AT OR ABOVE 5000, THENCE...

BOURLAND FLD: (50F)

TAKEOFF RWY 17: CLIMB ON HEADING 165.44 TO 1400, THEN ON HEADING 046.67 OR AS ASSIGNED BY ATC, FOR VECTORS TO CROSS DEMII AT OR ABOVE 5000, THENCE...  
 TAKEOFF RWY 35: CLIMB ON HEADING 345.44 TO 1373, THEN ON HEADING 048.16 OR AS ASSIGNED BY ATC, FOR VECTORS TO CROSS DEMII AT OR ABOVE 5000, THENCE...

CLEBURNE RGNL: (CPT)

TAKEOFF RWY 15: CLIMB ON HEADING 153.20 TO 1354, THEN ON HEADING 014.01 OR AS ASSIGNED BY ATC, FOR VECTORS TO CROSS DEMII AT OR ABOVE 5000, THENCE...  
 TAKEOFF RWY 33: CLIMB ON HEADING 333.20 TO 1354, THEN ON HEADING 015.23 OR AS ASSIGNED BY ATC, FOR VECTORS TO CROSS DEMII AT OR ABOVE 5000, THENCE...

DALLAS EXEC: (RBD)

TAKEOFF RWY 13: CLIMB ON HEADING 129.08 TO 1800, THEN ON HEADING 286.86 OR AS ASSIGNED BY ATC, FOR VECTORS TO CROSS DEMII AT OR ABOVE 5000, THENCE...  
 TAKEOFF RWY 17: CLIMB ON HEADING 174.13 TO 2600, THEN ON HEADING 287.05 OR AS ASSIGNED BY ATC, FOR VECTORS TO CROSS DEMII AT OR ABOVE 5000, THENCE...  
 TAKEOFF RWY 31: CLIMB ON HEADING 309.09 TO 1500, THEN ON HEADING 285.53 OR AS ASSIGNED BY ATC, FOR VECTORS TO CROSS DEMII AT OR ABOVE 5000, THENCE...  
 TAKEOFF RWY 35: CLIMB ON HEADING 354.13 TO 1400, THEN ON HEADING 285.39 OR AS ASSIGNED BY ATC, FOR VECTORS TO CROSS DEMII AT OR ABOVE 5000, THENCE...

DALLAS-FORT WORTH INTL: (DFW)

TAKEOFF RWY 13L: CLIMB ON HEADING 131.27 TO 1106, THEN ON HEADING 241.60 OR AS ASSIGNED BY ATC, FOR VECTORS TO CROSS DEMII AT OR ABOVE 5000, THENCE...  
 TAKEOFF RWY 13R: CLIMB ON HEADING 135.05 TO 1106, THEN ON HEADING 235.51 OR AS ASSIGNED BY ATC, FOR VECTORS TO CROSS DEMII AT OR ABOVE 5000, THENCE...  
 TAKEOFF RWY 17C: CLIMB ON HEADING 176.26 TO 1106, THEN ON HEADING 243.36 OR AS ASSIGNED BY ATC, FOR VECTORS TO CROSS DEMII AT OR ABOVE 5000, THENCE...  
 TAKEOFF RWY 17L: CLIMB ON HEADING 176.27 TO 1106, THEN ON HEADING 245.93 OR AS ASSIGNED BY ATC, FOR VECTORS TO CROSS DEMII AT OR ABOVE 5000, THENCE...  
 TAKEOFF RWY 17R: CLIMB ON HEADING 176.26 TO 1106, THEN ON HEADING 242.97 OR AS ASSIGNED BY ATC, FOR VECTORS TO CROSS DEMII AT OR ABOVE 5000, THENCE...  
 TAKEOFF RWY 18L: CLIMB ON HEADING 176.25 TO 1106, THEN ON HEADING 240.60 OR AS ASSIGNED BY ATC, FOR VECTORS TO CROSS DEMII AT OR ABOVE 5000, THENCE...  
 TAKEOFF RWY 18R: CLIMB ON HEADING 176.25 TO 1106, THEN ON HEADING 240.11 OR AS ASSIGNED BY ATC, FOR VECTORS TO CROSS DEMII AT OR ABOVE 5000, THENCE...  
 TAKEOFF RWY 31L: CLIMB ON HEADING 315.06 TO 1106, THEN ON HEADING 226.62 OR AS ASSIGNED BY ATC, FOR VECTORS TO CROSS DEMII AT OR ABOVE 5000, THENCE...  
 TAKEOFF RWY 31R: CLIMB ON HEADING 311.28 TO 1106, THEN ON HEADING 235.17 OR AS ASSIGNED BY ATC, FOR VECTORS TO CROSS DEMII AT OR ABOVE 5000, THENCE...  
 TAKEOFF RWY 35C: CLIMB ON HEADING 356.26 TO 1106, THEN ON HEADING 233.87 OR AS ASSIGNED BY ATC, FOR VECTORS TO CROSS DEMII AT OR ABOVE 5000, THENCE...  
 TAKEOFF RWY 35L: CLIMB ON HEADING 356.26 TO 1106, THEN ON HEADING 233.37 OR AS ASSIGNED BY ATC, FOR VECTORS TO CROSS DEMII AT OR ABOVE 5000, THENCE...  
 TAKEOFF RWY 35R: CLIMB ON HEADING 356.27 TO 1200, THEN ON HEADING 239.91 OR AS ASSIGNED BY ATC, FOR VECTORS TO CROSS DEMII AT OR ABOVE 5000, THENCE...  
 TAKEOFF RWY 36L: CLIMB ON HEADING 356.25 TO 1106, THEN ON HEADING 229.85 OR AS ASSIGNED BY ATC, FOR VECTORS TO CROSS DEMII AT OR ABOVE 5000, THENCE...  
 TAKEOFF RWY 36R: CLIMB ON HEADING 356.25 TO 1106, THEN ON HEADING 230.45 OR AS ASSIGNED BY ATC, FOR VECTORS TO CROSS DEMII AT OR ABOVE 5000, THENCE...



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DECATUR MUNI: (LUD)

TAKEOFF RWY 17: CLIMB ON HEADING 169.45 TO 1700, THEN ON HEADING 143.42 OR AS ASSIGNED BY ATC, FOR VECTORS TO CROSS DEMII AT OR ABOVE 5000, THENCE...  
TAKEOFF RWY 35: CLIMB ON HEADING 349.45 TO 1547, THEN ON HEADING 143.96 OR AS ASSIGNED BY ATC, FOR VECTORS TO CROSS DEMII AT OR ABOVE 5000, THENCE...

DENTON ENTERPRISE: (DTO)

TAKEOFF RWY 18L: CLIMB ON HEADING 177.06 TO 1143, THEN ON HEADING 180.26 OR AS ASSIGNED BY ATC, FOR VECTORS TO CROSS DEMII AT OR ABOVE 5000, THENCE...  
TAKEOFF RWY 18R: CLIMB ON HEADING 177.04 TO 1143, THEN ON HEADING 179.90 OR AS ASSIGNED BY ATC, FOR VECTORS TO CROSS DEMII AT OR ABOVE 5000, THENCE...  
TAKEOFF RWY 36L: CLIMB ON HEADING 357.04 TO 1143, THEN ON HEADING 179.80 OR AS ASSIGNED BY ATC, FOR VECTORS TO CROSS DEMII AT OR ABOVE 5000, THENCE...  
TAKEOFF RWY 36R: CLIMB ON HEADING 357.06 TO 1143, THEN ON HEADING 180.11 OR AS ASSIGNED BY ATC, FOR VECTORS TO CROSS DEMII AT OR ABOVE 5000, THENCE...

ENNIS MUNI: (F41)

TAKEOFF RWY 16: CLIMB ON HEADING 158.48 TO 1000, THEN ON HEADING 312.07 OR AS ASSIGNED BY ATC, FOR VECTORS TO CROSS DEMII AT OR ABOVE 5000, THENCE...  
TAKEOFF RWY 34: CLIMB ON HEADING 338.49 TO 1000, THEN ON HEADING 311.66 OR AS ASSIGNED BY ATC, FOR VECTORS TO CROSS DEMII AT OR ABOVE 5000, THENCE...

FORT WORTH MEACHAM INTL: (FTW)

TAKEOFF RWY 16: CLIMB ON HEADING 163.90 TO 1600, THEN ON HEADING 083.90 OR AS ASSIGNED BY ATC, FOR VECTORS TO CROSS DEMII AT OR ABOVE 5000, THENCE...  
TAKEOFF RWY 17: CLIMB ON HEADING 163.90 TO 1600, THEN ON HEADING 085.95 OR AS ASSIGNED BY ATC, FOR VECTORS TO CROSS DEMII AT OR ABOVE 5000, THENCE...  
TAKEOFF RWY 34: CLIMB ON HEADING 343.90 TO 1210, THEN ON HEADING 094.28 OR AS ASSIGNED BY ATC, FOR VECTORS TO CROSS DEMII AT OR ABOVE 5000, THENCE...  
TAKEOFF RWY 35: CLIMB ON HEADING 343.90 TO 1210, THEN ON HEADING 091.32 OR AS ASSIGNED BY ATC, FOR VECTORS TO CROSS DEMII AT OR ABOVE 5000, THENCE...

FORT WORTH SPINKS: (FWS)

TAKEOFF RWY 18R: CLIMB ON HEADING 177.11 TO 1200, THEN ON HEADING 011.66 OR AS ASSIGNED BY ATC, FOR VECTORS TO CROSS DEMII AT OR ABOVE 5000, THENCE...  
TAKEOFF RWY 36L: CLIMB ON HEADING 357.11 TO 1200, THEN ON HEADING 012.64 OR AS ASSIGNED BY ATC, FOR VECTORS TO CROSS DEMII AT OR ABOVE 5000, THENCE...

GRAND PRAIRIE MUNI: (GPM)

TAKEOFF RWY 18: CLIMB ON HEADING 177.34 TO 2500, THEN ON HEADING 302.84 OR AS ASSIGNED BY ATC, FOR VECTORS TO CROSS DEMII AT OR ABOVE 5000, THENCE...  
TAKEOFF RWY 36: CLIMB ON HEADING 357.34 TO 1400, THEN ON HEADING 300.09 OR AS ASSIGNED BY ATC, FOR VECTORS TO CROSS DEMII AT OR ABOVE 5000, THENCE...

LANCASTER RGNL: (LNC)

TAKEOFF RWY 13: CLIMB ON HEADING 134.31 TO 1001, THEN ON HEADING 292.24 OR AS ASSIGNED BY ATC, FOR VECTORS TO CROSS DEMII AT OR ABOVE 5000, THENCE...  
TAKEOFF RWY 31: CLIMB ON HEADING 314.31 TO 1800, THEN ON HEADING 291.43 OR AS ASSIGNED BY ATC, FOR VECTORS TO CROSS DEMII AT OR ABOVE 5000, THENCE...

MCKINNEY NTL: (TKI)

TAKEOFF RWY 18: CLIMB ON HEADING 179.12 TO 1089, THEN ON HEADING 233.48 OR AS ASSIGNED BY ATC, FOR VECTORS TO CROSS DEMII AT OR ABOVE 5000, THENCE...  
TAKEOFF RWY 36: CLIMB ON HEADING 359.11 TO 1089, THEN ON HEADING 232.13 OR AS ASSIGNED BY ATC, FOR VECTORS TO CROSS DEMII AT OR ABOVE 5000, THENCE...

MESQUITE METRO: (HQZ)

TAKEOFF RWY 18: CLIMB ON HEADING 177.88 TO 947, THEN ON HEADING 273.68 OR AS ASSIGNED BY ATC, FOR VECTORS TO CROSS DEMII AT OR ABOVE 5000, THENCE...  
TAKEOFF RWY 36: CLIMB ON HEADING 357.88 TO 947, THEN ON HEADING 272.10 OR AS ASSIGNED BY ATC, FOR VECTORS TO CROSS DEMII AT OR ABOVE 5000, THENCE...

MID-WAY RGNL: (JWY)

TAKEOFF RWY 18: CLIMB ON HEADING 177.98 TO 1700, THEN ON HEADING 316.98 OR AS ASSIGNED BY ATC, FOR VECTORS TO CROSS DEMII AT OR ABOVE 5000, THENCE...  
TAKEOFF RWY 36: CLIMB ON HEADING 357.98 TO 2700, THEN ON HEADING 315.43 OR AS ASSIGNED BY ATC, FOR VECTORS TO CROSS DEMII AT OR ABOVE 5000, THENCE...

PARKER COUNTY: (WEA)

TAKEOFF RWY 17: CLIMB ON HEADING 175.38 TO 1491, THEN ON HEADING 075.35 OR AS ASSIGNED BY ATC, FOR VECTORS TO CROSS DEMII AT OR ABOVE 5000, THENCE...  
TAKEOFF RWY 35: CLIMB ON HEADING 355.37 TO 1600, THEN ON HEADING 076.52 OR AS ASSIGNED BY ATC, FOR VECTORS TO CROSS DEMII AT OR ABOVE 5000, THENCE...

PEROT FLD/FORT WORTH ALLIANCE: (AFW)

TAKEOFF RWY 16L: CLIMB ON HEADING 166.21 TO 1223, THEN ON HEADING 153.47 OR AS ASSIGNED BY ATC, FOR VECTORS TO CROSS DEMII AT OR ABOVE 5000, THENCE...  
TAKEOFF RWY 16R: CLIMB ON HEADING 166.21 TO 1223, THEN ON HEADING 152.95 OR AS ASSIGNED BY ATC, FOR VECTORS TO CROSS DEMII AT OR ABOVE 5000, THENCE...  
TAKEOFF RWY 34L: CLIMB ON HEADING 346.21 TO 1223, THEN ON HEADING 154.83 OR AS ASSIGNED BY ATC, FOR VECTORS TO CROSS DEMII AT OR ABOVE 5000, THENCE...  
TAKEOFF RWY 34R: CLIMB ON HEADING 346.22 TO 1223, THEN ON HEADING 155.26 OR AS ASSIGNED BY ATC, FOR VECTORS TO CROSS DEMII AT OR ABOVE 5000, THENCE...



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RALPH M HALL/ROCKWALL MUNI: (F46)

TAKEOFF RWY 17: CLIMB ON HEADING 167.46 TO 1074, THEN ON HEADING 255.12 OR AS ASSIGNED BY ATC, FOR VECTORS TO CROSS DEMII AT OR ABOVE 5000, THENCE...

TAKEOFF RWY 35: CLIMB ON HEADING 347.45 TO 1074, THEN ON HEADING 254.34 OR AS ASSIGNED BY ATC, FOR VECTORS TO CROSS DEMII AT OR ABOVE 5000, THENCE...

FORT WORTH NAS JRB (CARSWELL FLD): (NFW)

TAKEOFF RWY 18: CLIMB ON HEADING 176.53 TO 1150, THEN ON HEADING 069.14 OR AS ASSIGNED BY ATC, FOR VECTORS TO CROSS DEMII AT OR ABOVE 5000, THENCE...

TAKEOFF RWY 36: CLIMB ON HEADING 356.53 TO 1150, THEN ON HEADING 079.33 OR AS ASSIGNED BY ATC, FOR VECTORS TO CROSS DEMII AT OR ABOVE 5000, THENCE...

...ON TRACK 269.81 TO CROSS BOTCH AT OR BELOW 13000, THEN ON (TRANSITION). MAINTAIN ATC ASSIGNED ALTITUDE, EXPECT FILED ALTITUDE 10 MINUTES AFTER DEPARTURE.

**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>
ALIAN	BOTCH2.ALIAN	BOTCH	RBBIT	TRACK 232.32	14.58	9000	2500	
			FUMED	TRACK 267.84	24.91	9000	3100	
			ALIAN	TRACK 267.54	50.51	9000	3200	
BRHMA	BOTCH2.BRHMA	BOTCH	ROOOO	TRACK 256.13	12.19	9000	2500	
			RUFFS	TRACK 282.56	25.95	9000	2800	
			KATZZ	TRACK 282.33	71.35	9000	3500	
			BRHMA	TRACK 282.17	75.24	9000	4000	
CIKAN	BOTCH2.CIKAN	BOTCH	RBBIT	TRACK 232.32	14.58	9000	2500	
			LYNDE	TRACK 261.81	24.98	9000	3100	
			WSTEX	TRACK 261.56	56.37	9000	3300	
			CIKAN	TRACK 263.02	50.13	9000	4100	
DOSXX	BOTCH2.DOSXX	BOTCH	RBBIT	TRACK 232.32	14.58	9000	2500	
			LYNDE	TRACK 261.81	24.98	9000	3100	
			WSTEX	TRACK 261.56	56.37	9000	3300	
			DOSXX	TRACK 251.04	32.63	9000	3700	
HUDAD	BOTCH2.HUDAD	BOTCH	PGLET	TRACK 308.05	15.80	9000	2600	
			MUTEE	TRACK 291.05	27.40	9000	3600	



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BOTCH	TWO	BOTCH2.BOTCH	ONE	04/17/2025	
		HUDAD	TRACK 290.86	65.86	9000 3000
HULZE	BOTCH2.HULZE	BOTCH	TYGGR	TRACK 287.09	12.70 9000 2500
		DBLSS	TRACK 288.31	26.92	9000 2800
		HRPER	TRACK 288.18	69.24	9000 3000
		HULZE	TRACK 285.46	37.21	9000 3100
WSTEX	BOTCH2.WSTEX	BOTCH	RBBIT	TRACK 232.32	14.58 9000 2500
		LYNDE	TRACK 261.81	24.98	9000 3100
		WSTEX	TRACK 261.56	56.37	9000 3300

**PBN REQUIREMENT NOTES:**

RNAV 1 - DME/DME/IRU OR GPS REQUIRED

**EQUIPMENT REQUIREMENT NOTES:**

RADAR REQUIRED

**PROCEDURAL DATA NOTES:**

NOTE: ALIAN TRANSITION: ATC ASSIGNED ONLY.

NOTE: DALLAS LOVE FIELD: PROPS ONLY

NOTE: DALLAS-FORT WORTH INTL: PROPS ONLY.

**TAKEOFF MINIMUMS:**

DALLAS-FORT WORTH INTL (DFW)

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 EXEC (RBD)

RWY 13, 31, 35: STANDARD.

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

DALLAS LOVE FLD (DAL)

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.

PEROT FLD/FORT WORTH ALLIANCE (AFW)

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.

FORT WORTH MEACHAM INTL (FTW)

RWY 17: STANDARD.

RWY 16: STANDARD WITH MINIMUM CLIMB OF 204 FT/NM TO 1400, OR ALTERNATIVELY, WITH STANDARD TAKEOFF MINIMUMS AND A NORMAL 200 FEET PER NM CLIMB GRADIENT, TAKEOFF MUST OCCUR NO LATER THAN 1400 FEET PRIOR TO DER.

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



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MUST OCCUR NO LATER THAN 2000 FT 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 FT PRIOR TO DER.

FORT WORTH SPINKS (FWS)  
RWY 18L, 36R: NA-ENVIRONMENTAL  
RWY 18R, 36L: STANDARD.

ARLINGTON MUNI (GKY)  
RWY 16, 34: STANDARD.

ADDISON: (ADS)  
RWY 34: STANDARD.  
RWY 16: 400-2 1/2 OR STANDARD WITH MINIMUM CLIMB OF 325 FT/NM TO 1100.

DENTON ENTERPRISE: (DTO)  
RWY 18L, 18R, 36L, 36R: STANDARD.

GRAND PRAIRIE MUNI (GPM)  
RWY 18, 36: STANDARD.

LANCASTER RGNL (LNC)  
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 FT PRIOR TO DER.

DECATUR MUNI (LUD)  
RWY 17: 300-1 1/4 OR STANDARD WITH MINIMUM CLIMB OF 248 FT/NM TO 2500.  
RWY 35: STANDARD WITH MINIMUM CLIMB OF 320 FT/NM TO 3500.

BOURLAND FLD (50F)  
RWY 17: 300-2 OR STD. WITH MINIMUM CLIMB OF 512 FT/NM PER NM TO 1300  
RWY 35: STANDARD.

MID-WAY RGNL (JWY)  
RWY 18: STANDARD.  
RWY 36: STANDARD.

PARKER COUNTY (WEA)  
RWY 17, 35: STANDARD.

MCKINNEY (TKI)  
RWY 18, 36: STANDARD.

CLEBURNE RGNL (CPT)  
RWY 15: STANDARD.  
RWY 33: 300 - 1 1/2 OR STANDARD WITH MINIMUM CLIMB OF 422 FT/NM TO 1200.

ENNIS MUNI (F41):  
RWY 16, 34: STANDARD.

RALPH M. HALL/ROCKWALL MUNI: (F46)  
RWY 17, 35: STANDARD.

MESQUITE METRO: (HQZ)



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RWY 18, 36: STANDARD.

FORT WORTH NAS JRB (CARSWELL FIELD): (NFW)  
REFER TO APPROPRIATE MILITARY SERVICE DIRECTIVES.

**TAKEOFF OBSTACLES NOTES:**

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

**CONTROLLING OBSTACLES:**

DALLAS LOVE FIELD: (DAL)  
RWY 13L, 13R: 1368 FT MSL BUILDING (48-004928) 324648.00N/0964814.00W (CLIMB GRADIENT/CLIMB GRADIENT TERMINATION ALTITUDE).  
OBSTACLES MANDATING ODP ROUTE DEVELOPMENT:  
RWY 31L, 31R: 1047 FT MSL TOWER (48-008398) 325215.51N/0965524.76W.

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

DALLAS EXECUTIVE: (RBD)  
RWY 17: 1024 FT MSL TOWER 323818.55N/0965153.91W (CLIMB GRADIENT/CLIMB GRADIENT TERMINATION ALTITUDE).  
OBSTACLES MANDATING ODP ROUTE DEVELOPMENT:  
RWY 13, 17, 31, 35: 2549 FT MSL TOWER 323502.67N/0965748.75W

DALLAS-FORT WORTH INTL: (DFW)  
RWY 35R: 1016 FT MSL TOWER 325628.78N/0965931.40W (CLIMB GRADIENT/CLIMB GRADIENT TERMINATION ALTITUDE).

FORT WORTH ALLIANCE: (AFW)  
RWY 16R/16L: 961 FT MSL WATER TOWER 325641.35N/0971909.88W (CLIMB GRADIENT/CLIMB GRADIENT TERMINATION ALTITUDE), 961 FT MSL WATER TOWER 325641.35N/0971909.88W (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.

FORT WORTH MEACHAM INTL: (FTW)  
RWY 34: 970 FT MSL BUILDING 325123.18N/0972128.11W (CLIMB GRADIENT/CLIMB GRADIENT TERMINATION ALTITUDE/CEILING/VISIBILITY).  
RWY 35: 826 FT MSL TRANSMISSION LINE 325026.78N/0972232.32W (CLIMB GRADIENT/CLIMB GRADIENT TERMINATION ALTITUDE/CEILING/VISIBILITY).  
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: (FWS)  
RWY 18R: 1772 FT MSL TOWER 323212.00N/0972446.86W (CLIMB GRADIENT/CLIMB GRADIENT TERMINATION ALTITUDE).

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

GRAND PRAIRIE MUNI: (GPM)  
OBSTACLES MANDATING ODP ROUTE DEVELOPMENT:  
RWY 18, 36: 2549 FT MSL TOWER 323502.67N/0965748.75W.

LANCASTER RGNL: (LNC)  
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.



<u>DP NAME</u>	<u>NUMBER</u>	<u>DP COMPUTER CODE</u>	<u>SUPERSEDED NUMBER</u>	<u>DATED</u>	<u>ACTUAL EFFECTIVE DATE</u>
BOTCH	TWO	BOTCH2.BOTCH	ONE	04/17/2025	

CLEBURNE RGNL: (CPT)  
RWY 33: 976 FT MSL WELL DRILLING RIG 322211.95N/0972629.30W (CLIMB GRADIENT). 1043 FT MSL WELL DRILLING RIG 322243.27N/0972649.63W (CLIMB GRADIENT TERMINATION ALTITUDE).

DECATUR MUNI: (LUD)  
RWY 17, 35: 2859 FT MSL TOWER 332312.00N/0973358.00W (CLIMB GRADIENT/CLIMB GRADIENT TERMINATION ALTITUDE).

BOURLAND FIELD: (50F)  
RWY 17: 1011 FT MSL TREES 323407.39N/0973524.72W (CLIMB GRADIENT/CLIMB-TO ALTITUDE). 1123 FT MSL TRANSMISSION TOWER 323306.16N/0973536.73W (CEILNG). 1092 TRANSMISSION TOWER 323258.36N/0973539.81W (VISIBILITY)  
OBSTACLES MANDATING ODP ROUTE DEVELOPMENT:  
RWY 17: 1275 FT MSL TOWER 323156.00N/0973623.00W.

MID-WAY RGNL: (JWY)  
OBSTACLES MANDATING ODP ROUTE DEVELOPMENT:  
RWY 18: 2449 FT MSL TOWER 323235.00N/0965733.00W.  
RWY 36: 2549 FT MSL TOWER 323502.67N/0965748.75W.

PARKER COUNTY: (WEA)  
OBSTACLES MANDATING ODP ROUTE DEVELOPMENT:  
RWY 35: 1420 FT MSL TOWER 324648.40N/0974155.16W.

- MSA:**
- MSA FROM 50F, 3600
  - MSA FROM ADS, 3600
  - MSA FROM AFW, 4000
  - MSA FROM CPT, 3600
  - MSA FROM DAL, 3600
  - MSA FROM DFW, 3600
  - MSA FROM DTO, 4000
  - MSA FROM F41, 3600
  - MSA FROM F46, 2600
  - MSA FROM FTW, 3600
  - MSA FROM FWS, 3600
  - MSA FROM GKY, 3600
  - MSA FROM GPM, 3600
  - MSA FROM HQZ, 3600
  - MSA FROM JWY, 3600
  - MSA FROM LNC, 3600
  - MSA FROM LUD, 4000
  - MSA FROM NFW, 3600
  - MSA FROM RBD, 3600
  - MSA FROM TKI, 3800
  - MSA FROM WEA, 3600

**LOST COMMUNICATIONS PROCEDURES:**

**ADDITIONAL FLIGHT DATA:**

ALL AIRPORTS - CHART: TOP ALTITUDE: ASSIGNED BY ATC  
CHART: MINIMUM CROSSING ALTITUDE AT DEMII AT/ABOVE 5000.  
CHART: MINIMUM CROSSING ALTITUDE AT BOTCH AT/BELOW 13000.  
AIRPORT MV: ADS (P) 3E/2025, 50F 6E/2000, AFW 4E/2015, CPT 6E/2000, DTO 4E/2010, F46 5E/2000, FTW 8E/1975, FWS 3E/2025, GKY 6E/2000, GPM 3E/2025, HQZ 3E/2015, LNC 6E/1990, LUD 3E/2025, NFW 4E/2015, RBD 6E/1990, TKI 3E/2015, WEA 5E/2010, JWY 6E/1995, F41 3E/2020, DAL 3E/2020, DFW 4E/2015  
DME/DME ASSESSMENT: SAT (RNP 2.0)



<u>DP NAME</u>	<u>NUMBER</u>	<u>DP COMPUTER CODE</u>	<u>SUPERSEDED NUMBER</u>	<u>DATED</u>	<u>ACTUAL EFFECTIVE DATE</u>
BOTCH	TWO	BOTCH2.BOTCH	ONE	04/17/2025	

**AIRPORTS SERVED:**

<u>AIRPORT ID</u>	<u>CITY</u>	<u>STATE</u>
F41	ENNIS	TX
F46	ROCKWALL	TX
50F	FORT WORTH	TX
AFW	FORT WORTH	TX
ADS	DALLAS	TX
CPT	CLEBURNE	TX
DFW	DALLAS-FORT WORTH	TX
DAL	DALLAS	TX
DTO	DENTON	TX
FTW	FORT WORTH	TX
FWS	FORT WORTH	TX
GKY	ARLINGTON	TX
GPM	GRAND PRAIRIE	TX
HQZ	MESQUITE	TX
JWY	MIDLOTHIAN/WAXAHACHIE	TX
LNC	LANCASTER	TX
LUD	DECATUR	TX
NFW	FORT WORTH	TX
RBD	DALLAS	TX
TKI	DALLAS	TX
WEA	WEATHERFORD	TX

**COMMUNICATIONS:**

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



<u>DP NAME</u>	<u>NUMBER</u>	<u>DP COMPUTER CODE</u>	<u>SUPERSEDED NUMBER</u>	<u>DATED</u>	<u>ACTUAL EFFECTIVE DATE</u>
BOTCH	TWO	BOTCH2.BOTCH	ONE	04/17/2025	

CHART GND CON: DAL, ADS, DFW, RBD, TKI, AFW, FTW, FWS, NFW, GKY, DTO, GPM.  
 CHART TOWER: DAL, ADS, DFW, RBD, TKI, AFW, FTW, FWS, NFW, GKY, DTO, GPM.  
 CHART CTAF: ADS, RBD, TKI, FWS, GKY, DTO, GPM, LNC, HQZ, 50F, CPT, F41, F46, JWY, LUD, WEA.  
 CHART CPDLC: DAL, DFW.

**FIXES AND/OR NAVAIDS:**

**REMARKS:**

APPROVAL LETTER ON FILE: 50F RWY 17 CLIMB GRADIENT GREATER THAN 500 FT/NM.  
 APPROVAL LETTER ON FILE: DIVERSE DEPARTURE ASSESSMENT WAS APPLIED TO ASSESS OBSTACLES TO ENSURE OBSTACLE CLEARANCE TO THE REQUESTED. ALTITUDE FOR EACH RUNWAY.  
 PUBLISHED CLIMB GRADIENTS AND TERMINATION ALTITUDES WILL BE APPLIED.  
 MAXIMUM 100 FT VEGETATION HEIGHT APPLIED.  
 ABBREVIATED AMENDMENT.

<u>FLIGHT INSPECTED BY</u>	<u>SIGNATURE</u>	<i>Digitally signed by</i>	<u>OFFICE</u>	<u>DATE</u>	
EDWARD MESA		<b>RAKE MCGRAW</b>	AJF	12/31/2025	
		Jan 23, 2026			
		<i>Digitally signed by</i>			
		<b>RAKE MCGRAW</b>	AJV-A431	10/21/2025	
		Jan 23, 2026			
		<i>Digitally signed by</i>			
		<b>RAKE MCGRAW</b>	AJV-A422		<u>TITLE</u>
		Jan 23, 2026			MANAGER

**REQUIRED EFFECTIVE DATE**

ROUTINE

**COORDINATED WITH:**

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

**CHANGES - REASONS:**

1. TRANSITION ROUTES: ALIAN TRANSITION MOCA FROM FUMED TO ALIAN CHANGED FROM "3100" TO "3200" - UPDATED SURVEY, NEW OBSTACLES IDENTIFIED.
2. TRANSITION ROUTES: BRHMA TRANSITION MOCA FROM RUFFS TO KATZZ CHANGED FROM "3400" TO "3500" - UPDATED SURVEY, NEW OBSTACLES IDENTIFIED.
3. TRANSITION ROUTES: CIKAN, DOSXX AND WSTEX TRANSITIONS MOCA FROM LYNDE TO WSTEX MOCA CHANGED FROM "3100" TO "3300" - UPDATED SURVEY, NEW OBSTACLES IDENTIFIED.
4. TAKEOFF MINIMUMS: UPDATED FTW RWY 16 FROM "STANDARD WITH MINIMUM CLIMB OF 204 FT/NM TO 1400, OR ALTERNATIVELY, WITH STANDARD TAKEOFF MINIMUMS AND A NORMAL 200 FEET PER NM CLIMB GRADIENT, TAKEOFF MUST OCCUR NO LATER THAN 1300 FEET PRIOR TO DER" TO "STANDARD WITH MINIMUM CLIMB OF 204 FEET PER NM TO 1400, OR ALTERNATIVELY, WITH STANDARD TAKEOFF MINIMUMS AND A NORMAL 200 FEET PER NM CLIMB GRADIENT, TAKEOFF MUST OCCUR NO LATER THAN 1400 FEET PRIOR TO DER" - INCORPORATED NOTAM 5/7810.
5. TAKEOFF MINIMUMS: UPDATED AFW RWY 16R FROM "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" TO "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" - INCORPORATED NOTAM 5/7808.
6. CONTROLLING OBSTACLES: UPDATED OBASTACLE MANDATING ROUTE CONTROLLING OBSTACLES FOR DAL AND CEILING AND VISIBILITY OBSTACLES FOR AFW RWY 16R/L - NEW OBSTACLES IDENTIFIED.
7. CONTROLLING OBSTACLES: ADDED CLIMB GRADIENT/CLIMB GRADIENT TERMINATION ALTITUDE/CEILING/VISIBILITY AS REQUIRED - IAW 8260.46K APPENDIX D.
8. AIRPORTS SERVED: REMOVED "K" FROM THE AIRPORT IDS - NO LONGER REQUIRED IAW 8260.46K EXAMPLES.

01/20/2026: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 01/16/2026:

1. AIRPORTS SERVED: UPDATED ADS FROM "ADDISON" TO "DALLAS" AND HQZ FROM "MESQUITE METRO" TO "MESQUITE."



**FEDERAL AVIATION ADMINISTRATION  
FLIGHT STANDARDS SERVICE  
DEPARTURE (DATA RECORD)**

<u>DP NAME</u>	<u>NUMBER</u>	<u>DP COMPUTER CODE</u>	<u>SUPERSEDED NUMBER</u>	<u>DATED</u>	<u>ACTUAL EFFECTIVE DATE</u>				
BOTCH	TWO	BOTCH2.BOTCH	ONE	04/17/2025					
<u>FIX/NAVAID</u>	<u>LAT/LONG</u>	<u>C</u>	<u>FO/FB</u>	<u>LEG TYPE</u>	<u>TC</u>	<u>DIST (NM)</u>	<u>ALTITUDE</u>	<u>SPEED</u>	<u>REMARKS</u>
DEMII	324822.16N/0971355.96W	Y	-	IF	-	-	AT/ABOVE 5000		
BOTCH	324900.68N/0972949.93W	Y	FB	TF	272.81	13.42	AT/BELOW 13000		
BOTCH	324900.68N/0972949.93W	Y	-	IF	-	-	AT/BELOW 13000		BOTCH2.ALIAN
RBBIT	324040.95N/0974402.40W	Y	FB	TF	235.32	14.58			
FUMED	324059.54N/0981332.78W	Y	FB	TF	270.84	24.91			
ALIAN	324114.02N/0991323.24W	Y	FB	TF	270.54	50.51			
BOTCH	324900.68N/0972949.93W	Y	-	IF	-	-	AT/BELOW 13000		BOTCH2.BRHMA
ROOOO	324641.66N/0974402.22W	Y	FB	TF	259.13	12.19			
RUFFS	325336.50N/0981343.40W	Y	FB	TF	285.56	25.95			
KATZZ	331203.68N/0993543.82W	Y	FB	TF	285.33	71.35			
BRHMA	333117.03N/1010235.41W	Y	FB	TF	285.17	75.24			
BOTCH	324900.68N/0972949.93W	Y	-	IF	-	-	AT/BELOW 13000		BOTCH2.CIKAN
RBBIT	324040.95N/0974402.40W	Y	FB	TF	235.32	14.58			
LYNDE	323821.57N/0981329.77W	Y	FB	TF	264.81	24.98			
WSTEX	323242.98N/0991953.04W	Y	FB	TF	264.56	56.37			
CIKAN	322900.00N/1001900.00W	Y	FB	TF	266.02	50.13			
BOTCH	324900.68N/0972949.93W	Y	-	IF	-	-	AT/BELOW 13000		BOTCH2.DOSXX
RBBIT	324040.95N/0974402.40W	Y	FB	TF	235.32	14.58			



<u>DP NAME</u>		<u>NUMBER</u>	<u>DP COMPUTER CODE</u>	<u>SUPERSEDED NUMBER</u>	<u>DATED</u>	<u>ACTUAL EFFECTIVE DATE</u>			
BOTCH		TWO	BOTCH2.BOTCH	ONE	04/17/2025				
<u>FIX/NAVAID</u>	<u>LAT/LONG</u>	<u>C</u>	<u>FO/FB</u>	<u>LEG TYPE</u>	<u>TC</u>	<u>DIST (NM)</u>	<u>ALTITUDE</u>	<u>SPEED</u>	<u>REMARKS</u>
LYNDE	323821.57N/0981329.77W	Y	FB	TF	264.81	24.98			
WSTEX	323242.98N/0991953.04W	Y	FB	TF	264.56	56.37			
DOSXX	322338.17N/0995655.90W	Y	FB	TF	254.04	32.63			
BOTCH	324900.68N/0972949.93W	Y	-	IF	-	-	AT/BELOW 13000		BOTCH2.HUDAD
PGLET	325923.62N/0974359.79W	Y	FB	TF	311.05	15.80			
MUTEE	331031.45N/0981348.54W	Y	FB	TF	294.05	27.40			
HUDAD	333652.04N/0992555.62W	Y	FB	TF	293.86	65.86			
BOTCH	324900.68N/0972949.93W	Y	-	IF	-	-	AT/BELOW 13000		BOTCH2.HULZE
TYGGR	325322.14N/0974359.79W	Y	FB	TF	290.09	12.70			
DBLSS	330306.71N/0981350.16W	Y	FB	TF	291.31	26.92			
HRPER	332746.50N/0993100.93W	Y	FB	TF	291.18	69.24			
HULZE	333927.59N/1001318.11W	Y	FB	TF	288.46	37.21			
BOTCH	324900.68N/0972949.93W	Y	-	IF	-	-	AT/BELOW 13000		BOTCH2.WSTEX
RBBIT	324040.95N/0974402.40W	Y	FB	TF	235.32	14.58			
LYNDE	323821.57N/0981329.77W	Y	FB	TF	264.81	24.98			
WSTEX	323242.98N/0991953.04W	Y	FB	TF	264.56	56.37			

