

**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SUPERSEDED NUMBER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 | ONE | BOTCH1.BOTCH | NONE | | |
| <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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| BOTCH | ONE | BOTCH1.BOTCH | NONE | | |

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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| BOTCH | ONE | BOTCH1.BOTCH | NONE | | |

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 | BOTCH1.ALIAN | BOTCH | RBBIT | TRACK 232.32 | 14.58 | 9000 | 2500 | |
| | | RBBIT | FUMED | TRACK 267.84 | 24.91 | 9000 | 3100 | |
| | | FUMED | ALIAN | TRACK 267.54 | 50.51 | 9000 | 3100 | |
| BRHMA | BOTCH1.BRHMA | BOTCH | ROOOO | TRACK 256.13 | 12.19 | 9000 | 2500 | |
| | | ROOOO | RUFFS | TRACK 282.56 | 25.95 | 9000 | 2800 | |
| | | RUFFS | KATZZ | TRACK 282.33 | 71.35 | 9000 | 3400 | |
| | | KATZZ | BRHMA | TRACK 282.17 | 75.24 | 9000 | 4000 | |
| CIKAN | BOTCH1.CIKAN | BOTCH | RBBIT | TRACK 232.32 | 14.58 | 9000 | 2500 | |
| | | RBBIT | LYNDE | TRACK 261.81 | 24.98 | 9000 | 3100 | |
| | | LYNDE | WSTEX | TRACK 261.56 | 56.37 | 9000 | 3100 | |
| | | WSTEX | CIKAN | TRACK 263.02 | 50.13 | 9000 | 4100 | |
| DOSXX | BOTCH1.DOSXX | BOTCH | RBBIT | TRACK 232.32 | 14.58 | 9000 | 2500 | |
| | | RBBIT | LYNDE | TRACK 261.81 | 24.98 | 9000 | 3100 | |
| | | LYNDE | WSTEX | TRACK 261.56 | 56.37 | 9000 | 3100 | |
| | | WSTEX | DOSXX | TRACK 251.04 | 32.63 | 9000 | 3700 | |
| HUDAD | BOTCH1.HUDAD | BOTCH | PGLET | TRACK 308.05 | 15.80 | 9000 | 2600 | |
| | | PGLET | MUTEE | TRACK 291.05 | 27.40 | 9000 | 3600 | |



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|----------------|--------------|---------------|-------------------------|--------------------------|--------------|------------------------------|
| BOTCH | | ONE | BOTCH1.BOTCH | NONE | | |
| | MUTEE | | HUDAD | TRACK 290.86 | 65.86 | 9000 3000 |
| HULZE | BOTCH1.HULZE | BOTCH | TYGGR | TRACK 287.09 | 12.70 | 9000 2500 |
| | TYGGR | | DBLSS | TRACK 288.31 | 26.92 | 9000 2800 |
| | DBLSS | | HRPER | TRACK 288.18 | 69.24 | 9000 3000 |
| | HRPER | | HULZE | TRACK 285.46 | 37.21 | 9000 3100 |
| WSTEX | BOTCH1.WSTEX | BOTCH | RBBIT | TRACK 232.32 | 14.58 | 9000 2500 |
| | RBBIT | | LYNDE | TRACK 261.81 | 24.98 | 9000 3100 |
| | LYNDE | | WSTEX | TRACK 261.56 | 56.37 | 9000 3100 |

PBN REQUIREMENT NOTES:

RNAV 1 - DME/DME/IRU OR GPS REQUIRED

EQUIPMENT REQUIREMENT NOTES:

RADAR REQUIRED FOR NON-GPS EQUIPPED AIRCRAFT

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 1300 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 (F50)
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, 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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| BOTCH | ONE | BOTCH1.BOTCH | NONE | | |

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 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: (ADS)

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: (RBD)

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

DALLAS-FORT WORTH INTL: (DFW)

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

FORT WORTH ALLIANCE: (AFW)

RWY 16R/16L: 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: (FTW)

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 (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.

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: 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 | ONE | BOTCH1.BOTCH | NONE | | |

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

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

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 (CEILING). 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:

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 | ONE | BOTCH1.BOTCH | NONE | | |

AIRPORTS SERVED:

| <u>AIRPORT ID</u> | <u>CITY</u> | <u>STATE</u> |
|-------------------|-----------------------|--------------|
| F41 | ENNIS | TX |
| F46 | ROCKWALL | TX |
| 50F | FORT WORTH | TX |
| KAFW | FORT WORTH | TX |
| KADS | ADDISON | TX |
| KCPT | CLEBURNE | TX |
| KDFW | DALLAS-FORT WORTH | TX |
| KDAL | DALLAS | TX |
| KDTO | DENTON | TX |
| KFTW | FORT WORTH | TX |
| KFWS | FORT WORTH | TX |
| KGKY | ARLINGTON | TX |
| KGPM | GRAND PRAIRIE | TX |
| KHQZ | MESQUITE METRO | TX |
| KJWY | MIDLOTHIAN/WAXAHACHIE | TX |
| KLNC | LANCASTER | TX |
| KLUD | DECATUR | TX |
| KNFW | FORT WORTH | TX |
| KRBD | DALLAS | TX |
| KTKI | DALLAS | TX |
| KWEA | 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 | ONE | BOTCH1.BOTCH | NONE | | |

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.

FLIGHT INSPECTED BY

BRIAN HARRELSON

SIGNATURE
Digitally signed by
DAVID DANNER
 Feb 18, 2025

OFFICE **DATE**
 AJF 01/24/2025

DEVELOPED BY

LEO J. PALMER

SIGNATURE
Digitally signed by
LEO PALMER
 Feb 14, 2025

OFFICE **DATE**
 AJV-A421 10/29/2024

APPROVED BY

DAVE DANNER

SIGNATURE
Digitally signed by
DAVID DANNER
 Feb 18, 2025

OFFICE **DATE** **TITLE**
 AJV-A421 04/17/2025 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:

ORIGINAL - REPLACES SWABR ONE (RNAV)

- 02/14/25: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 1/27/2025.
 1. DOSXX TRANSITION MEA FROM BOTCH TO RBBIT MEA CHANGED FROM 8000 TO 9000.



**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 | ONE | BOTCH1.BOTCH | NONE | | | | | | |
| <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 | | BOTCH1.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 | | BOTCH1.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 | | BOTCH1.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 | | BOTCH1.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 | | ONE | BOTCH1.BOTCH | NONE | | | | | |
| <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 | | BOTCH1.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 | | BOTCH1.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 | | BOTCH1.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 | | | |

