

**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SUPERSEDED NUMBER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>
GARLAND	FOUR	GARL4.TTT	THREE	03/24/2022	
<u>TYPE:</u>	<u>OBSTACLE</u>	<u>COPTER</u>	<u>SID</u>	<u>SPECIAL</u>	<u>RNAV</u>
	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

DP ROUTE DESCRIPTION:

DALLAS-FORT WORTH INTL

TAKEOFF RWY 31L/R: CLIMB ON ASSIGNED HEADING, MAINTAIN 5000 THENCE...

TAKEOFF RWY 13L/R, 17L/R/C, 18L/R, 35L/R/C, 36L/R: CLIMB ON ASSIGNED HEADING, MAINTAIN 10000 THENCE...

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

DALLAS LOVE FIELD

JETS: TAKEOFF RWY 13L/R: CLIMB ON HEADING 133.00, FOR VECTOR TO APPROPRIATE ROUTE, MAINTAIN ATC ASSIGNED ALTITUDE AND EXPECT FILED ALTITUDE 10 MINUTES AFTER DEPARTURE.

JETS: 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, MAINTAIN ATC ASSIGNED ALTITUDE, EXPECT FILED ALTITUDE 10 MINUTES AFTER DEPARTURE.

DALLAS EXECUTIVE

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.

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 163.90 TO 1600 BEFORE PROCEEDING ON COURSE.

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

FORT WORTH SPINKS

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

ARLINGTON MUNI

TAKEOFF RWY 16: CLIMB ON HEADING 162.02 TO 2500 BEFORE TURNING LEFT.

TAKEOFF RWY 34: CLIMB ON HEADING 342.02 TO 1400 BEFORE TURNING SOUTHEAST BOUND.

GRAND PRAIRIE MUNI

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

LANCASTER RGNL

TAKEOFF RWY 31: CLIMB ON HEADING 314.32 TO 1800 BEFORE TURNING LEFT.

DECATUR MUNI

TAKEOFF RWY 17: CLIMB ON HEADING 163.45 TO 1700 BEFORE PROCEEDING NORTH.

BOURLAND FIELD

TAKEOFF RWY 17: CLIMB ON HEADING 165.44 TO 1400 BEFORE TURNING RIGHT.

QUALITY
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GARLAND	FOUR	GARL4.TTT	THREE	03/24/2022	

MID-WAY RGNL

TAKEOFF RWY 18: CLIMB ON HEADING 177.98 TO 1700 BEFORE PROCEEDING NORTHBOUND.

TAKEOFF RWY 36: CLIMB ON HEADING 012.98 TO 2700 BEFORE TURNING LEFT.

PARKER COUNTY

TAKEOFF RWY 35: CLIMB ON HEADING 355.37 TO 1600 BEFORE TURNING LEFT.

DEPARTING ADDISON, DALLAS EXECUTIVE, MCKINNEY NATIONAL, FORT WORTH ALLIANCE, FORT WORTH MEACHAM INTL, FORT WORTH SPINKS, FORT WORTH NAS JRB (CARSWELL FIELD), ARLINGTON MUNI, DENTON ENTERPRISE, GRAND PRAIRIE MUNI, LANCASTER RGNL, MESQUITE METRO, CLEBURNE RGNL, DECATUR MUNI, ENNIS MUNI, BOURLAND FIELD, MID-WAY RGNL, RALPH M. HALL/ROCKWELL MUNI, PARKER COUNTY: WHEN ENTERING CONTROLLED AIRSPACE, 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>
GREGG COUNTY	GARL4.GGG	TTT VOR/DME	CLARE	094.06 (TTT R-094)	36.40	3500	2400	
		CLARE	ROCKK	094.06 (TTT R-094)	22.45	3500	2100	
		ROCKK	GGG VORTAC	099.14 (GGG R-279)	60.25	3500	2500	
PARIS	GARL4.PRX	TTT VOR/DME	NOBLY	064.14 (TTT R-064)	37.94	5000	2100	
		NOBLY	ECKEY	064.14 (TTT R-064)	24.29	5000	2300	
		ECKEY	PRX VOR/DME	041.02 (PRX R-221)	29.08	5000	2000	
SOLDO	GARL4.SOLDO	TTT VOR/DME	SOLDO	084.18 (TTT R-084)	35.79	5000	2300	
TEXARKANA	GARL4.TXK	TTT VOR/DME	TRISS	074.22 (TTT R-074)	36.27	5000	2300	
		TRISS	SHERO	074.22 (TTT R-074)	39.32	5000	2100	
		SHERO	TXK VORTAC	064.07 (TXK R-244)	79.40	7500	2100	
TYLER	GARL4.TYR	TTT VOR/DME	CLARE	094.06 (TTT R-094)	36.40	3500	2400	
		CLARE	ROCKK	094.06 (TTT R-094)	22.45	3500	2100	
		ROCKK	TYR VOR/DME	123.00 (TYR R-303)	32.10	3500	2200	

PROCEDURAL DATA NOTES:

SOLDO TRANSITION: ATC ASSIGNED.

NOTE (DALLAS-FORT WORTH INTL ONLY): FOR ALL AIRCRAFT REQUESTING FL230 AND BELOW.

NOTE (DALLAS-FORT WORTH INTL ONLY): FOR ALL AIRCRAFT REQUESTING FL240 AND ABOVE EXPECT DALLAS DEPARTURE.

PBN REQUIREMENTS NOTES:

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GARLAND	FOUR	GARL4.TTT	THREE	03/24/2022	

EQUIPMENT REQUIREMENT NOTES:

RADAR AND DME REQUIRED.

TAKEOFF MINIMUMS:

DALLAS-FORT WORTH INTL

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

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

DALLAS LOVE FIELD

RWY 31L/R: 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.

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 16, 17: STANDARD.

RWY 34: 300-2 OR STANDARD WITH MINIMUM CLIMB OF 225 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 2000 FT PRIOR TO DER.

RWY 35: 300-1 1/4 OR STANDARD WITH MINIMUM CLIMB OF 210 FT PER NM TO 900, 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.

FORT WORTH SPINKS

RWY 18L, 36R: NA-ENVIRONMENTAL.

RWY 18R, 36L: 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.

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LANCASTER RGNL

RWY 13: STANDARD.

RWY 31: 300 -1 1/4 OR STANDARD WITH A 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.

CLEBURNE RGNL

RWY 15: STANDARD.

RWY 33: 300-1 1/2 OR STANDARD WITH MINIMUM CLIMB OF 422 FT PER NM TO 1200.

DECATUR MUNI

RWY 17: STANDARD

RWY 35: STANDARD WITH MINIMUM CLIMB OF 320 FT PER NM TO 3500.

ENNIS MUNI

RWY 16, 34: STANDARD.

BOURLAND FIELD

RWY 35: STANDARD.

RWY 17: 300-2 OR STANDARD WITH MINIMUM CLIMB OF 512 FT PER NM TO 1300.

MID-WAY RGNL

RWY 18, 36: STANDARD.

RALPH M HALL/ROCKWALL MUNI

RWY 17, 35: STANDARD.

PARKER COUNTY

RWY 17, 35, 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/R: 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.

FORT WORTH ALLIANCE

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



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OBSTACLES MANDATING ODP ROUTE DEVELOPMENT:
RWY 16R: 1002 FT MSL TOWER 325653.00N/0971932.00W.

FORT WORTH MEACHAM INTL

RWY 34: 970 FT MSL BUILDING 325123.18N/0972128.11W.
RWY 35: 826 FT MSL TRANSMISSION LINE 325026.78N/0972232.32W.

OBSTACLES MANDATING ODP ROUTE DEVELOPMENT:

RWY 16: 1196 FT MSL BUILDING 324522.00N/0971950.00W (OFFSET ICA) AND 1743 FT MSL TOWER 324501.00N/0971608.00W (CTA)
RWY 17: 1743 FT MSL TOWER 324501.00N/0971608.00W.

FORT WORTH SPINKS

RWY 17R: 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.

CLEBURNE RGNL

RWY 33: 976 FT MSL WELL DRILLING RIG 322211.95N/0972629.30W, 1043 FT MSL WELL DRILLING RIG 322243.27N/0972649.63W.

DECATUR MUNI

RWY 17, 35: 2859 FT MSL TOWER 332312.00N/0973358.00W. 2549 FT MSL TOWER 323502.67N/0965748.75W.

BOURLAND FIELD

RWY 17: 1011 FT MSL TREES 323407.39N/0973524.72W. 1123 FT MSL TRANSMISSION TOWER 323306.16N/0973536.73W. 1092 TRANSMISSION TOWER 323258.36N/0973539.81W.

OBSTACLES MANDATING ODP ROUTE DEVELOPMENT:

RWY 17: 1275 FT MSL TOWER 323156.00N/0973623.00W.

MID-WAY RGNL

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

OBSTACLES MANDATING ODP ROUTE DEVELOPMENT:

RWY 35: 1418 FT MSL TOWER 324648.00N/0974155.00W.

MSA:

LOST COMMUNICATIONS PROCEDURES:

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ADDITIONAL FLIGHT DATA:

CHART: BYP R-184 AT NOBLY; BYP R-131 AT ECKEY; BYP R-182 AT TRISS; BYP R-181 AT SOLD0; BYP R-180 AT CLARE.
 CHART NOTE: DALLAS-FORT WORTH INTL DEPARTURES: JETS 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.

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	MESQUITE	TX
KCPT	CLEBURNE	TX
KLUD	DECATUR	TX
KF41	ENNIS	TX
K50F	FORT WORTH	TX

QUALITY
TX
31
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GARLAND	FOUR	GARL4.TTT	THREE	03/24/2022	
KJWY		MIDLOTHIAN/WAXAHCHIE			TX
KF46		ROCKWALL			TX
KWEA		WEATHERFORD			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, 50F, CPT, F41, F46, JWY, LUD, WEA. CPDLC: DFW, DAL.

FIXES AND/OR NAVAIDS:

REMARKS:

ABBREVIATED AMENDMENT.

FLIGHT INSPECTED BY

PROCESSED IAW TECHNICAL SUPPORT GROUP (AJF-17) MEMO DATED 07/07/2021 SUBJECT: GUIDANCE FOR PROCEDURAL CHANGES REQUIRING FLIGHT INSPECTION/VALIDATION.

OFFICE

DATE

Digitally signed by

ERIC N SUSKI

Oct 03, 2022

DEVELOPED BY

ERIC SUSKI (JUDITH TUTTLE)

OFFICE

DATE

Digitally signed by

ERIC N SUSKI

Oct 03, 2022

APPROVED BY

JOHNNIE BAKER

OFFICE

DATE

TITLE

AJV-A430

MANAGER

Digitally signed by

ERIC N SUSKI

Oct 03, 2022

REQUIRED EFFECTIVE DATE

ROUTINE

COORDINATED WITH:

A4A ☒

ALPA ☒

AOPA ☒

APA ☒

HAI ☐

NBAA ☒

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

CHANGES - REASONS:

1. ADDITIONAL FLIGHT DATA: REMOVED "SLR R-183 AT ROCKK" - SLR VOR/DME VORMON DECOMMISSIONING.

2. PROCEDURAL DATA NOTES: REMOVED "NOTE (ALL AIRPORTS): RADAR REQUIRED" AND "NOTE (ALL AIRPORTS): DME REQUIRED" - UPDATED NOTE AND MOVED TO EQUIPMENT REQUIREMENT NOTES - IAW 8260.46H 2-4 (I)(6), MEMO 282 DTD 10/21/2021.

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