

**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SUPERSEDED NUMBER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>
JOE POOL	SIX	JPOOL6.TTT	FIVE	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"/>	<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, 35R: CLIMB ON ASSIGNED HEADING, MAINTAIN 10000, THENCE...
TAKEOFF RWY 17C/R: CLIMB ON HEADING 160.00, MAINTAIN 10000, THENCE...
TAKEOFF RWY 18L/R: CLIMB ON HEADING 190.00, MAINTAIN 10000, THENCE...
TAKEOFF RWY 35L/C: CLIMB ON HEADING 010.00, MAINTAIN 10000, THENCE...
TAKEOFF RWY 36L/R: CLIMB ON HEADING 340.00, 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 AND EXPECT FILED ALTITUDE 10 MINUTES AFTER DEPARTURE.
PROPS: PROPS DEPARTING DAL MUST CONTACT CLEARANCE DELIVERY FOR DEPARTURE INSTRUCTIONS.

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.



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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: 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>
COLLEGE STATION	JPOOL6.CLL	TTT VOR/DME	ARDIA	165.51 (TTT R-166)	35.36	4000	3600	
		ARDIA	ELLVR	165.51 (TTT R-166)	34.92	7000	2300	
		ELLVR	CLL VORTAC	154.09 (CLL R-334)	69.44	7000	2200	
ELLVR	JPOOL6.ELLVR	TTT VOR/DME	ARDIA	165.51 (TTT R-166)	35.36	4000	3600	
		ARDIA	ELLVR	165.51 (TTT R-166)	34.92	7000	2300	
		TTT VOR/DME	NELYN	185.94 (TTT R-186)	35.75	4000	2400	
HOARY	JPOOL6.HOARY	NELYN	ACT VORTAC	177.47 (ACT R-357)	37.52	4000	2100	
		ACT VORTAC	HOARY	193.00 (ACT R-193)	70.00	12000	3100	
		TTT VOR/DME	NELYN	185.94 (TTT R-186)	35.75	4000	2400	
SAN ANTONIO	JPOOL6.SAT	NELYN	ACT VORTAC	177.47 (ACT R-357)	37.52	4000	2100	
		ACT VORTAC	HOARY	193.00 (ACT R-193)	70.00	12000	3100	
		HOARY	SAT VORTAC	204.41 (SAT R-024)	66.29	12000	2900	
NAVASOTA	JPOOL6.TNV	TTT VOR/DME	DARTZ	155.52 (TTT R-156)	36.82	4000	3600	
		DARTZ	BRDEN	155.52 (TTT R-156)	25.18	6000	2000	
		BRDEN	TORNN	155.52 (TTT R-156)	23.08	6000	2100	
TORNN	JPOOL6.TORNN	TORNN	TNV VOR/DME	154.40 (TNV R-334)	77.42	6000	1900	
		TTT VOR/DME	DARTZ	155.52 (TTT R-156)	36.82	4000	3600	
		DARTZ	BRDEN	155.52 (TTT R-156)	25.18	6000	2000	
WACO	JPOOL6.ACT	BRDEN	TORNN	155.52 (TTT R-156)	23.08	6000	2100	
		TTT VOR/DME	NELYN	185.94 (TTT R-186)	35.75	4000	2400	



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JOE POOL	SIX	JPOOL6.TTT	FIVE	03/24/2022	
	NELYN	ACT VORTAC	177.47 (ACT R-357)	37.52	4000 2100
WINDU	JPOOL6.WINDU	TTT VOR/DME	JASPA	175.54 (TTT R-176)	34.99 4000 3400
	JASPA	WINDU	175.54 (TTT R-176)	45.19	8000 2400

PROCEDURAL DATA NOTES:

COLLEGE STATION TRANSITION: FOR PISTON AND TURBOPROP AIRCRAFT DESTINED TO HOU, EFD, GLS, OR LBX. ALSO FOR ALL OTHER AIRCRAFT TYPES DESTINED TO ALL OTHER HOUSTON TERMINAL AREA AIRPORTS EXCEPT IAH, CXO, DWH, T78, OR 6R3.

ELLVR TRANSITION: FOR TURBOJET AIRCRAFT DESTINED TO HOU, EFD, GLS, OR LBX.

SAN ANTONIO TRANSITION: FOR AIRCRAFT OVERFLYING CENTEX AND SAN ANTONIO.

TORNN TRANSITION: ONLY FOR AIRCRAFT DESTINED IAH, CXO, DWH, T78 OR 6R3.

WACO TRANSITION: FOR AIRCRAFT INBOUND TO WACO OR GRAY TERMINAL AREA AIRPORTS.

WINDU TRANSITION: FOR AIRCRAFT INBOUND TO AUSTIN OR SAN ANTONIO TERMINAL AREA.

NOTE (DALLAS-FORT WORTH INTL ONLY): PROPS: EXPECT KEENE OR TRI-GATE DEPARTURE.

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.



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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.

LANCASTER RGNL

RWY 13: STANDARD.

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.

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

RWY 34: 970 FT MSL BUILDING 325123.18N/0972128.11W.

RWY 35: 826 FT MSL TRANSMISSION LINE 325026.78N/0972232.32W.



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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.

MSA:

LOST COMMUNICATIONS PROCEDURES:

ADDITIONAL FLIGHT DATA:
CHART: BILEE
CHART: ACT R-093 AT TORN; LOA R-269 AT BILEE; ACT R-074 AT ELLVR; ACT R-120 AND CWK R-012 AT WINDU; CWK R-307 AT HOARY.
CHART: TSA GLIDERPORT.
CHART HOLDING PATTERN: TORN (HOLD NW ON TNV R-334, RIGHT TURNS, 154.40 INBOUND).
CHART: CLL VORTAC - 113.3
CHART NOTE: DALLAS-FORT WORTH INTL 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 ALL RUNWAYS: 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	FORTH WORTH	TX
KFTW	FORT WORTH	TX



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KFWS		FORT WORTH			TX
KNFW		FORT WORTH			TX
KGKY		ARLINGTON			TX
KDTO		DENTON			TX
KGPM		GRAND PRAIRIE			TX
KLNC		LANCASTER			TX
KHQZ		MESQUITE			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:

ABBREVIATED AMENDMENT.

DO NOT CHART MOCA: FROM TTT VOR/DME TO ARDIA.

DO NOT CHART MOCA: FROM TTT VOR/DME TO DARTZ.

FLIGHT INSPECTED BY

GREGORY MILLS

Digitally signed by

DAVID TEFFETELLER

Oct 11, 2022

OFFICE

FPO

DATE

10/06/2022

DEVELOPED BY

DAVID TEFFETELLER (GUY COPELAND)

Digitally signed by

DAVID TEFFETELLER

Oct 11, 2022

OFFICE

AJV-A433

DATE

06/13/2022

APPROVED BY

LONNIE EVERHART

Digitally signed by

DAVID TEFFETELLER

Oct 11, 2022

OFFICE

AJV-A430

DATE

TITLE

MANAGER

REQUIRED EFFECTIVE DATE

ROUTINE

COORDINATED WITH:

A4A ☒

ALPA ☒

AOPA ☒

APA ☒

HAI ☐

NBAA ☒

OTHER: ZFW, 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. REMOVED ARDIA, BRDEN, BILEE, AND JASPA TRANSITIONS AND ASSOICATED NOTES - ATC REQUEST.

2. REVISED THE TORNIN TRANSITION NOTE FROM FOR GPS OR DME/DME/IRU EQUIPPED AIRCRAFT OVERFLYING TORNIN INT THEN ON THE APPROPRIATE RNAV STAR TO IAH, CXO, OR DWH. ALSO FOR AIRCRAFT LANDING IN THE LAFAYETTE, LAKE CHARLES, OR BEAUMONT/PORT ARTHUR TERMINAL AREAS TO ONLY FOR AIRCRAFT DESTINED IAH, CXO, DWH, T78 OR 6R3 - ATC REQUEST.

3. REVISED THE COLLEGE STATION TRANSITION NOTE FROM FOR PISTON AND TURBOPROP AIRCRAFT DESTINED TO HOU, EFD, GLS, OR LBX. ALSO FOR ALL OTHER AIRCRAFT TYPES DESTINED TO ALL OTHER HOUSTON TERMINAL AREA AIRPORTS EXCEPT IAH, CXO, OR DWH TO FOR PISTON AND TURBOPROP AIRCRAFT DESTINED TO HOU, EFD, GLS, OR LBX. ALSO FOR ALL OTHER



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AIRCRAFT TYPES DESTINED TO ALL OTHER HOUSTON TERMINAL AREA AIRPORTS EXCEPT IAH, CXO, DWH, T78, OR 6R3 - ATC REQUEST.

4. REVISED THE WINDU TRANSITION NOTE FROM FOR AIRCRAFT INBOUND TO AUSTIN OR SAN ANTONIO TERMINAL AIRPORTS, AIRCRAFT SHOULD FILE AND/OR EXPECT THE BLEWE OR MARCS ARRIVAL AT WINDU TO FOR AIRCRAFT INBOUND TO AUSTIN OR SAN ANTONIO TERMINAL AREA - ATC REQUEST.
5. EXTENDED THE TORNN TRANSITION VIA TNV R-334 THROUGH BILEE TO THE TNV VOR/DME - ATC REQUEST.

09/06/2022 THIS IS AN UPDATED COPY OF THE FORM APPROVED ON 07/14/2022:

1. REMOVED BILEE FROM THE NAVASOTA TRANSITION
2. ADDED THE TORNN TRANSITION
3. RENAMED THE PROCEDURAL DATA NOTE FROM NAVASTOA TRANSITION TO TORNN TRANSITION
4. ADDED CHART: BILEE TO ADDITIONAL FLIGHT DATA

