

**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SUPERSEDED NUMBER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>
DALLAS	FOUR	DALL4.TTT	THREE	01/25/2024	
<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/C/R, 18L/R, 35L/C/R, 36L/R: CLIMB ON ASSIGNED HEADING, MAINTAIN 10000, THENCE...

...FOR RADAR VECTORS TO APPROPRIATE ROUTE AND EXPECT FILED ALTITUDE 10 MINUTES AFTER DEPARTURE.

DALLAS LOVE FLD

JETS: TAKEOFF RWY 13L/R: CLIMB ON HEADING 133.00, CROSS CVE 13 DME AT OR BELOW 6000, THEN MAINTAIN 8000 FOR RADAR VECTORS TO APPROPRIATE ROUTE AND EXPECT FILED ALTITUDE 10 MINUTES AFTER DEPARTURE.

JETS: TAKEOFF RWY 31L/R: CLIMB ON HEADING 313.00 UNTIL THE I-LVF 5.50 DME OR I-OVW 5.50 DME, THEN RIGHT TURN HEADING 013.00 FOR RADAR VECTORS TO THE APPROPRIATE ROUTE, MAINTAIN ATC ASSIGNED ALTITUDE AND EXPECT FILED ALTITUDE 10 MINUTES AFTER DEPARTURE.

DALLAS EXEC

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.

PEROT FLD/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 165.90 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 314.31 TO 1800 BEFORE TURNING LEFT.

DEPARTING ADDISON, DALLAS EXECUTIVE, MCKINNEY NTL, PEROT FLD/FORT WORTH ALLIANCE, FORT WORTH MEACHAM INTL, FORT WORTH SPINKS, FORT WORTH NAS JRB (CARSWELL FLD), ARLINGTON MUNI, DENTON ENTERPRISE, GRAND PRAIRIE MUNI, LANCASTER RGNL, MESQUITE METRO: FLY ASSIGNED HEADING FOR RADAR VECTORS TO APPROPRIATE ROUTE. MAINTAIN ATC ASSIGNED ALTITUDE.



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DALLAS	FOUR	DALL4.TTT	THREE	01/25/2024	

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>
BELCHER	DALL4.EIC	TTT VOR/DME	CLARE	094.06 (TTT R-094)	36.40	5000	2400	
		CLARE	POTEN	094.06 (TTT R-094)	34.25	9000	2100	
		POTEN	TEKBE	079.28 (EIC R-259)	44.28	9000	2100	
		TEKBE	SHRLY	079.28 (EIC R-259)	25.00	5300	1900	
		SHRLY	EIC VORTAC	079.28 (EIC R-259)	25.00	2400	2400	
LITTLE ROCK	DALL4.LIT	TTT VOR/DME	NOBLY	064.14 (TTT R-064)	37.94	5000	2100	
		NOBLY	COBUG	064.14 (TTT R-064)	37.59	5000	2300	
		COBUG	ORTRO	064.14 (TTT R-064)	74.99	FL230	2000	
		ORTRO	LIT VORTAC	057.40 (LIT R-237)	122.44	18300	2600	
SOLDO	DALL4.SOLDO	TTT VOR/DME	SOLDO	084.18 (TTT R-084)	35.79	3000	2300	
TEXARKANA	DALL4.TXK	TTT VOR/DME	TRISS	074.22 (TTT R-074)	36.27	2800	2300	
		TRISS	SHERO	074.22 (TTT R-074)	39.32	7500	2100	
		SHERO	TXK VORTAC	064.07 (TXK R-244)	79.40	7500	2100	

PBN REQUIREMENT NOTES:

EQUIPMENT REQUIREMENT NOTES:

RADAR AND DME REQUIRED.

PROCEDURAL DATA NOTES:

BELCHER TRANSITION: FOR AIRCRAFT INBOUND TO THE JAN, MLU, AND SHV TERMINAL AREAS ONLY.

SOLDO TRANSITION: ATC ASSIGNED.

NOTE (DALLAS-FT WORTH INTL ONLY): FOR ALL AIRCRAFT REQUESTING FL230 AND BELOW EXPECT GARLAND DEPARTURE.

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

CHART NOTE: DALLAS-FORT WORTH INTL DEPARTURES: JETS MAINTAIN 240 KIAS UNTIL LEAVING 5000.

TAKEOFF MINIMUMS:

DALLAS-FORT WORTH INTL

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 LOVE FLD

RWY 31L/R: 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.



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

RWY 13, 31, 35: STANDARD.
RWY 17: 400 - 2 3/4 OR STANDARD WITH MINIMUM CLIMB OF 220 FT/NM TO 1200.

RWY 18, 36: STANDARD.

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.

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 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.

RWY 18L, 36R: NA - ENVIRONMENTAL.
RWY 18R, 36L: STANDARD.

REFER TO APPROPRIATE MILITARY SERVICE DIRECTIVES.

RWY 16, 34: STANDARD.

RWY 18L, 18R, 36L, 36R: STANDARD.

RWY 18: STANDARD.

RWY 13: STANDARD.
RWY 31: 300 - 1 1/4 OR STANDARD WITH A 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.

RWY 18. 36: STANDARD.

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



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CONTROLLING OBSTACLES:
DALLAS-FORT WORTH INTL
RWY 35R: 1016 FT MSL TOWER 325628.78N/0965931.40W.

DALLAS LOVE FLD
RWY 13L, 13R: 1368 FT MSL BLDG (48-004928) 324648.00N/0964814.00W.
OBSTACLES MANDATING ODP ROUTE DEVELOPMENT:
RWY 31L, 31R: 1047 FT MSL TOWER (48-008398) 325215.51N/0965524.76W.

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

DALLAS EXEC
RWY 17: 1024 FT MSL TOWER 323817.76N/0965154.08W.
OBSTACLES MANDATING ODP ROUTE DEVELOPMENT:
RWY 13, 17, 31, 35: 2549 FT MSL TOWER 323502.67N/0965748.75W.

PEROT FLD/FORT WORTH ALLIANCE
RWY 16L, 16R: 961 FT MSL WATER TOWER 325641.35N/0971909.88W (CLIMB GRADIENT, CLIMB-TO ALTITUDE, 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
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: 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
OBSTACLES MANDATING ODP ROUTE DEVELOPMENT:
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:
KDFW: MSA FROM TTT VOR/DME 270-090 2700, 090-270 3600
KDAL: MSA FROM TTT VOR/DME 270-090 2700, 090-270 3600
KADS: MSA FROM TTT VOR/DME 270-090 2700, 090-270 3600
KRBD: MSA FROM TTT VOR/DME 270-090 2700, 090-270 3600
KTKI: MSA FROM TTT VOR/DME 270-090 2700, 090-270 3600, 30 NM
KAFW: MSA FROM TTT VOR/DME 270-090 2700, 090-270 3600



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KFTW: MSA FROM TTT VOR/DME 270-090 2700, 090-270 3600
 KFWS: MSA FROM TTT VOR/DME 270-090 2700, 090-270 3600
 KNFW: MSA FROM TTT VOR/DME 270-090 2700, 090-270 3600
 KGKY: MSA FROM TTT VOR/DME 270-090 2700, 090-270 3600
 KDTO: MSA FROM TTT VOR/DME 270-090 2700, 090-270 3600
 KGPM: MSA FROM TTT VOR/DME 270-090 2700, 090-270 3600
 KLNC: MSA FROM TTT VOR/DME 270-090 2700, 090-270 3600
 KHQZ: MSA FROM TTT VOR/DME 270-090 2700, 090-270 3600, 30 NM

LOST COMMUNICATIONS PROCEDURES:

ADDITIONAL FLIGHT DATA:

CHART: BYP R-184 AT NOBLY; TXK R-320 AT ORTRO; BYP R-182 AT TRISS; BYP R-181 AT SOLD0; BYP R-180 AT CLARE; GGG R-346 AT TEKBE; TXK R-187 AT SHRLY.
AIRPORT MV: DFW (P) 4E/2015, DAL 3E/2020, ADS 3E/2025, RBD 6E/1990, TKI 3E/2015, AFW 4E/2015, FTW 8E/1975, FWS 3E/2025, NFW 4E/2015, GKY 6E/2000, DTO 4E/2010, GPM 3E/2025, LNC 6E/1990, HQZ 3E/2015.
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 FLD: CHART: TOP ALTITUTDE: RWY 13L/13R: 8000; RWY 31L/31R: ASSIGNED BY ATC.
ADDISON, DALLAS EXEC, MCKINNEY NTL, PEROT FLD/FORT WORTH ALLIANCE, FORT WORTH MEACHAM INTL, FORT WORTH SPINKS, FORT WORTH NAS JRB (CARSWELL FLD), ARLINGTON MUNI, DENTON ENTERPRISE, GRAND PRAIRIE MUNI, LANCASTER RGNL, MESQUITE METRO: 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



COMMUNICATIONS:
CHART ATIS: DFW, DAL, ADS, RBD, AFW, FTW, FWS, NFW. **CLNC DEL:** DFW, DAL, ADS, RBD, TKI, AFW, FTW, NFW, GKY, DTO.
CHART 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.
CHART CTAF: ADS, RBD, TKI, FWS, GKY, DTO, GPM, LNC, HQZ, **CPDLC:** DFW, DAL

FIXES AND/OR NAVAIDS:
BYP VORTAC, GGG VORTAC

REMARKS:
WAIVER ON FILE FOR CHARTING THREE NUMERIC TOP ALTITUDES.
WAIVER ON FILE FOR VECTORING BELOW MVA FOR DALLAS-FORT WORTH INTL (DFW), ADDISON (KADS), DALLAS EXECUTIVE (RBD), MCKINNEY NTL (TKI), PEROT FLD/FORT WORTH ALLIANCE (AFW), FORT WORTH MEACHAM INTL (FTW), FORT WORTH SPINKS (FWS), FORT WORTH NAS JRB(CARSWELL FLD) (NFW), ARLINGTON MUNI (GKY), DENTON ENTERPRISE (DTO), GRAND PRAIRIE MUNI (GPM), LANCASTER RGNL (LNC), MESQUITE METRO (HQZ).
100 FT MAX VEGETATION HEIGHT UTILIZED PER FPT CHECKLIST.
MEA ON SEGMENT FROM TTT VOR/DME TO NOBLY TO COBUG TO ORTRO BASED ON LEGACY FLIGHT INSPECTION, ESVS FROM TTT VOR DME.
MEA ON SEGMENT ORTRO TO LIT VORTAC BASED ON MRA/SSV RECEPTION FROM LIT VORTAC.
MEA ON SEGMENTS FROM TTT VOR/DME TO TRISS BASED ON BASED ON MINIMUM CLIMB TO NEXT SEGMENT.
MEA ON SEGMENT FROM TRISS TO SHERO TO TXK VORTAC BASED ON TXK VORTAC ESV.
MEA ON SEGMENT FROM FIX SHERO TO TXK VORTAC BASED ON ESV FROM TXK VORTAC.
MEA ON SEGMENT FROM TTT VOR/DME TO FIX SOLDO DUE TO BYP VORTAC CROSSING RADIAL MRA AT FIX SOLDO.
MEA ON SEGMENT FROM TTT VOR/DME TO CLARE BASE ON CLIMB TO NEXT SEGMENT.
MEA ON SEGMENTS FROM CLARE TO POTEN TO TEKBE BASED ON ESV FROM EIC VTAC AT POTEN.
MEA ON SEGMENT TEKBE TO SHRLY BASED ON TXK VORTAC SERVICE VOLUME.
MEA ON SEGMENT SHRLY TO EIC VORTAC BASED ON MOCA.
DO NOT CHART MOCA: FROM SHRLY TO EIC VORTAC.

FLIGHT INSPECTED BY	SIGNATURE	OFFICE	DATE	
PENDING	<div>Digitally signed by JOSEPH L ZEDER Jul 30, 2024</div>			
DEVELOPED BY	SIGNATURE	OFFICE	DATE	
JOHN KEEFER	<div>Digitally signed by JOHN A KEEFER Jul 19, 2024</div>	AJV-A432	04/11/2024	
APPROVED BY	SIGNATURE	OFFICE	DATE	TITLE
CASIMIR L. TABAKA	<div>Digitally signed by JOSEPH L ZEDER Jul 30, 2024</div>	AJV-A430		MANAGER
REQUIRED EFFECTIVE DATE				
12/26/2024				

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. CHANGED TRANSITION ROUTE ORTRO TO LIT VORTAC FROM 055.28 (LIT R-235) DISTANCE 117.13 TO 057.40 (LIT R-237) DISTANCE 122.44. - LIT VORTAC MOVED 8 MILES NORTH.
 2. CONTROLLING OBSTACLES, UPDATED DALLAS EXEC RWY 17 TOWER LAT/LONG FROM 323818.55N/0965153.91W TO 323817.76N/0965154.08W, DELETED "(CG)" FROM THE TOWER OBSTRUCTION, AND DELETED 1026 FT MSL ANTENNA 323817.76N/0965154.08W (CGTA/CEIL/VIS). - UPDATED DATABASE TOWER COORDINATES, ANTENNA OBSTACLE NO LONGER EXISTS AND TOWER IS NOW THE CLIMB GRADIENT, CLIMB-TO ALTITUDE, CEILING, AND VISIBILITY CONTROLLING OBSTRUCTION.
 3. TRANSITION ROUTE LITTLE ROCK ORTRO TO LIT VORTAC MEA CHANGED FROM FL230 TO 18300. - MRA FROM LIT VORTAC.
 4. TRANSITION ROUTE LITTLE ROCK ORTRO TO LIT MOCA CHANGED FROM 2100 TO 2600. - TRACK CHANGED, LIT VORTAC MOVED 8 MILES NORTH.
 5. TRANSITION ROUTE TEXARKANA TTT VORDME TO TRISS MEA CHANGED FROM 5000 TO 2800. - BASED ON MINIMUM CLIMB RATES IN TABLE 14-3-1 8260.3E.
 6. TRANSITION ROUTE BELCHER POTEN TO TEKBE MEA LOWERED FROM 14000 TO 9000. - COMPLIANCE WITH EIC ESV.



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DALLAS	FOUR	DALL4.TTT	THREE	01/25/2024	12/26/2024

7. TRANSITION ROUTE BELCHER MEA TEKBE TO SHRLY CHANGED FROM 9000 TO 5300. - MEET TXK VORTAC CROSSING RADIAL MEA COMPLIANCE.
8. TRANSITION ROUTE BELCHER MEA SHRLY TO EIC VORTAC CHANGED FROM 14000 TO 2400. - MEA DEFINITION COMPLIANCE.
9. TRANSITION ROUTE BELCHER MOCA SHRLY TO EIC VORTAC CHANGED FROM 3100 TO 2400. - NEW CONTROLLING OBSTACLE.
10. CONTROLLING OBSTACLE, ADDED OBSTACLE MANDATING ODP ROUTE DEVELOPMENT: PEROT FIELD **RWY 16R**: 1002 FT MSL TOWER 325653.00N/0971932.00W. - OVERSIGHT-LEFT OFF PREVIOUS FORMS.
11. CONTROLLING OBSTACLES, ADDED VERBIAGE "OBSTACLES MANDATING ODP ROUTE DEVELOPMENT:" TO FORT WORTH SPINKS RWY 18R OBSTACLE. - TAKEOFF MINIMUMS ARE STANDARD AND THIS OBSTACLE IS THE REASON FOR THE RWY 18R DP ROUTE DESCRIPTION.
12. CONTROLLING OBSTACLES FORT WORTH MEACHAN INTL RWY 16 OBSTACLES MANDATING ROUTE DEVELOPMENT: CHANGED WORDING FROM 1196 FT MSL BUILDING 324522.00N/0971950W (CLIMB GRADIENT) AND 1743 MSL TOWER 324501.00N/0971608.00W (CLIMB TO ALTITUDE) TO 1196 FT MSL BUILDING 324522.00N/0971950W (OFFSET ICA) AND 1743 MSL TOWER 324501.00N/0971608.00W (CTA).- MATCH ODP.
13. CONTROLLING OBSTACLES: DAL LOVE OBSTACLES MANDATING ODP ROUTE DEVELOPMENT: CHANGED OBSTACLE RWY 31L, 31R: 1048 FT MSL TOWER (48-008398) 325215.51N/0965524.76W. HEIGHT FROM 1048 TO 1047. - NEW SURVEY 2023.
14. ADDITIONAL FLIGHT DATA CHANGED TKI MAGVAR FROM TKI 3E/2025 TO TKI 3E/2015 - FIX TYPOGRAPHICAL ERROR.
15. ADDED FIXES AND/OR NAVIDS BYP VORTAC, GGG VORTAC. - PER 8260.46J COMPLIANCE.
16. REMOVED REMARK: MEA ON SEGMENT FROM FIX CLARE TO FIX POTEN DUE TO EIC VORTAC ESV MRA ALONG SEGMENT. - REDEFINE MEA BASIS.
17. REMOVED REMARK: MEA ON SEGMENTS FROM TTT VOR/DME TO FIX TRISS AND FROM TTT VOR/DME TO FIX NOBLY DUE TO TTT VOR/DME MRA ALONG EACH FOLLOW-ON SEGMENT. - REDEFINE MEA BASIS.
18. REMOVED REMARK: MEA ON SEGMENTS FROM TRISS TO FIX SHERO, FROM FIX NOBLY TO FIX COBUG, AND FROM FIX ORTHO TO LIT VORTAC DUE TO TTT VOR/DME ESV MRA ALONG EACH SEGMENT. - REDEFINE MEA BASIS
19. REMOVED REMARK: MEA ON SEGMENT FROM FIX SHERO TO TXK VORTAC DUE TO TXK VORTAC ESV MRA ALONG SEGMENT. - REDEFINED MEA BASIS.
20. ADDED REMARK MEA ON SEGMENT ORTRO TO LIT VORTAC BASED ON MRA/SSV RECEPTION FROM LIT VORTAC. - DOCUMENTING MEA BASIS.
21. ADDED REMARK: MEA ON SEGMENT FROM TTT VOR DME TO NOBLY TO COBUG TO ORTRO BASED ON LEGACY FLIGHT INSPECTION, ESVS FROM TTT VOR DME. - DOCUMENTING MEA BASIS.
22. ADDED REMARK: MEA ON SEGMENTS FROM TTT VOR DME TO TRISS BASED ON BASED ON MINIMUM CLIMB TO NEXT SEGMENT. - DOCUMENTING MEA BASIS.
23. ADDED REMARK: MEA ON SEGMENT FROM TRISS TO SHERO TO TXK VORTAC BASED ON TXK VORTAC ESV. - DOCUMENTING MEA BASIS.
24. ADDED REMARK: MEA ON SEGMENT FROM FIX SHERO TO TXK VORTAC BASED ON ESV FROM TXK VORTAC. - DOCUMENTING MEA BASIS.
25. ADDED REMARK: MEA ON SEGMENT FROM TTT VOR DME TO SOLDI BASED ON BYP ESV. - DOCUMENTING MEA BASIS.
26. ADDED REMARK: MEA ON SEGMENT FROM TTT VOR DME TO CLARE BASE ON CLIMB TO NEXT SEGMENT. - DOCUMENTING MEA BASIS.
27. ADDED REMARK: MEA ON SEGMENTS FROM CLARE TO POTEN TO TEKBE BASED ON ESV FROM EIC VTAC AT POTEN. - DOCUMENTING MEA BASIS.
28. ADDED REMARK: MEA ON SEGMENT TEKBE TO SHRLY BASED ON TXK VORTAC SERVICE VOLUME. - DOCUMENTING MEA BASIS.
29. ADDED REMARK: MEA ON SEGMENT SHRLY TO EIC VORTAC BASED ON MOCA. - DOCUMENTING MEA BASIS.
30. TAKEOFF MINIMUMS: GRAND PRAIRIE MUNI: REMOVED **RWY 36**: NA - ATC. - PER 8260.46J.
31. ADDED REMARK: WAIVER ON FILE FOR VECTORING BELOW MVA FOR DALLAS-FORT WORTH INTL (DFW).
32. ADDED REMARK: DO NOT CHART MOCA: FROM SHRLY TO EIC VORTAC. - 8260.46J.
33. DP ROUTE DESCRIPTION: DALLAS LOVE FLD: CHANGED REFERENCES OF RADAR VECTOR TO RADAR VECTORS. - IN LINE WITH 8260.46J GUIDANCE.

