

**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SUPERSEDED NUMBER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>
KUSSO	TWO	KUSSO2.KUSSO	ONE	01/26/2022	

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

DP ROUTE DESCRIPTION:

DALLAS LOVE FIELD (DAL):

TAKEOFF RWY 13L: CLIMB ON HEADING 132.64 TO 1000, THENCE...

TAKEOFF RWY 13R: CLIMB ON HEADING 132.62 TO 1000, THENCE...

...LEFT TURN HEADING 100.00 OR AS ASSIGNED BY ATC, EXPECT RADAR VECTORS TO SALVE, THEN ON TRACK 089.99 TO KUSSO, THEN ON (TRANSITION). MAINTAIN 3000. EXPECT FILED ALTITUDE 10 MINUTES AFTER DEPARTURE.

TAKEOFF RWY 31L: CLIMB ON HEADING 312.63 TO 1000, THENCE...

TAKEOFF RWY 31R: CLIMB ON HEADING 312.65 TO 1000, THENCE...

...RIGHT TURN HEADING 330.00 OR AS ASSIGNED BY ATC, EXPECT RADAR VECTORS TO SALVE, THEN ON TRACK 089.99 TO KUSSO, THEN ON (TRANSITION). MAINTAIN 2000. EXPECT FILED ALTITUDE 10 MINUTES AFTER DEPARTURE.

DALLAS-FORT WORTH INTL (DFW):

TAKEOFF RWYS 13L/R, 17L/C/R, 18L/R, 31L/R, 35L/C/R, 36L/R: CLIMB ON ASSIGNED HEADING FOR RADAR VECTORS TO SALVE. THENCE...

...ON TRACK 089.99 TO KUSSO, THEN ON (TRANSITION). MAINTAIN 2000. EXPECT FILED ALTITUDE 10 MINUTES AFTER DEPARTURE.

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 HEADING ASSIGNED BY ATC, EXPECT RADAR VECTORS TO SALVE, THEN ON TRACK 089.99 TO KUSSO, THEN ON ASSIGNED TRANSITION. MAINTAIN ATC ASSIGNED ALTITUDE, EXPECT FILED ALTITUDE 10 MINUTES AFTER DEPARTURE.

DALLAS EXECUTIVE (RBD):

TAKEOFF RWY 13: CLIMB ON HEADING 132.08 TO 1800 BEFORE TURNING WESTBOUND.

TAKEOFF RWY 17: CLIMB ON HEADING 177.13 TO 2600 BEFORE TURNING WESTBOUND.

TAKEOFF RWY 31: CLIMB ON HEADING 312.09 TO 1500 BEFORE TURNING SOUTHBOUND.

TAKEOFF RWY 35: CLIMB ON HEADING 357.13 TO 1400 BEFORE TURNING SOUTHBOUND.

FORT WORTH ALLIANCE (AFW):

TAKEOFF RWY 16R: CLIMB ON HEADING 169.21 TO 1100 BEFORE TURNING RIGHT.

FORT WORTH MEACHAM INTL (FTW):

TAKEOFF RWY 16: CLIMB ON HEADING 166.90 TO 1600 BEFORE PROCEEDING ON COURSE.

TAKEOFF RWY 17: CLIMB ON HEADING 166.90 TO 1600 BEFORE PROCEEDING ON COURSE.

TAKEOFF RWY 34: CLIMB ON HEADING 343.90 OR AS ASSIGNED BY ATC, THENCE.

TAKEOFF RWY 35: CLIMB ON HEADING 343.90 OR AS ASSIGNED BY ATC, THENCE.

FORT WORTH SPINKS (FWS):

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

ARLINGTON MUNI (GKY):



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TAKEOFF RWY 16: CLIMB ON HEADING 165.02 TO 2500 BEFORE TURNING LEFT.
 TAKEOFF RWY 34: CLIMB ON HEADING 345.02 TO 1400 BEFORE TURNING SOUTHEAST BOUND.

GRAND PRAIRIE MUNI (GPM):
 TAKEOFF RWY 18: CLIMB ON HEADING 192.34 TO 2500 BEFORE PROCEEDING ON COURSE.

LANCASTER RGNL (LNC):
 TAKEOFF RWY 31: CLIMB ON HEADING 320.32 TO 1800 BEFORE TURNING LEFT.

DECATUR MUNI (LUD):
 TAKEOFF RWY 17: CLIMB ON HEADING 169.45 TO 1700 BEFORE PROCEEDING NORTH.

BOURLAND FIELD (50F):
 TAKEOFF RWY 17: CLIMB ON HEADING 171.44 TO 1400 BEFORE TURNING RIGHT.

MID-WAY RGNL (JWY):
 TAKEOFF RWY 18: CLIMB ON HEADING 183.98 TO 1700 BEFORE PROCEEDING NORTHBOUND.
 TAKEOFF RWY 36: CLIMB ON HEADING 018.98 TO 2700 BEFORE TURNING LEFT.

PARKER COUNTY (WEA):
 TAKEOFF RWY 35: CLIMB ON HEADING 001.37 TO 1600 BEFORE TURNING LEFT.

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>
BDDAY	KUSSO2.BDDAY	KUSSO	THHOR	TRACK 143.97	9.69	10000	1900	
		THHOR	JJANE	TRACK 091.41	25.16	10000	2100	
		JJANE	MRSSH	TRACK 091.68	54.11	10000	2600	
		MRSSH	BDDAY	TRACK 114.66	34.60	10000	1900	
BSKAT	KUSSO2.BSKAT	KUSSO	ZERLU	TRACK 025.07	11.24	10000	2100	
		ZERLU	SWIDA	TRACK 064.12	27.10	10000	2100	
		SWIDA	ZACHH	TRACK 064.45	86.08	10000	2100	
		ZACHH	BSKAT	TRACK 057.11	39.63	10000	1900	
		BSKAT	HANUH	TRACK 108.92	5.69	10000	1900	
		HANUH	LYING	TRACK 079.90	25.18	10000	2100	
LOOSE	KUSSO2.LOOSE	KUSSO	LYING	FORCK	TRACK 080.17	79.75	10000	2100
			TRRCH	TRACK 050.69	6.54	10000	2000	



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KUSSO		TWO	KUSSO2.KUSSO	ONE	01/26/2022		
	TRRCH	JAYXX	TRACK 065.90	26.72	10000	2000	
	JAYXX	TRYTN	TRACK 066.09	84.64	10000	2000	
	TRYTN	LOOSE	TRACK 067.34	62.41	10000	2400	
MRSSH	KUSSO2. MARSSH	KUSSO	THHOR	TRACK 143.97	9.69	10000	1900
	THHOR	JJANE	TRACK 091.41	25.16	10000	2100	
	JJANE	MRSSH	TRACK 091.68	54.11	10000	2600	
ZALEA	KUSSO2.ZALEA	KUSSO	THHOR	TRACK 143.97	9.69	10000	1900
	THHOR	JJANE	TRACK 091.41	25.16	10000	2100	
	JJANE	MRSSH	TRACK 091.68	54.11	10000	2600	
	MRSSH	ZALEA	TRACK 105.35	69.61	10000	2100	

PBN REQUIREMENT NOTES:

RNAV 1 - DME/DME/IRU OR GPS REQUIRED

EQUIPMENT REQUIREMENT NOTES:

RADAR REQUIRED.

PROCEDURAL DATA NOTES:

NOTE: DALLAS LOVE FIELD: PROPS ONLY.

NOTE: DALLAS/FORT WORTH INTL: PROPS ONLY.

NOTE: BDDAY TRANSITION: ATC ASSIGNED ONLY.

NOTE: MRSSH TRANSITION: FOR AIRCRAFT INBOUND TO SHREVEPORT, JACKSON AND MONROE TERMINAL AREA AIRPORTS 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.



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FORT WORTH MEACHAM INTL (FTW)

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 (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.



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

MESQUITE METRO: (HQZ)
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).
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)



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RWY 31: 661 FT MSL TRANSMISSION TOWER 323601.76N/0964358.15W (CLIMB GRADIENT/CLIMB GRADIENT TERMINATION ALTITUDE).

OBSTACLES MANDATING ODP ROUTE DEVELOPMENT:

RWY 31: 2549 FT MSL TOWER 323502.67N/0965748.75W.

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:

CHART: MEA/MOCA FROM SALVE TO KUSSO, 8500/2100.

DALLAS LOVE FIELD - CHART: TOP ALTITUDE: RWY 13L/13R: 3000; RWY 31L/31R: 2000.

DALLAS-FORT WORTH INTL - CHART: TOP ALTITUDE: 2000

ALL OTHER AIRPORTS - CHART: TOP ALTITUDE: ASSIGNED BY ATC.



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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)

AIRPORTS SERVED:

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



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COMMUNICATIONS:

CHART ATIS: DAL, ADS, DFW, RBD, AFW, FTW, FWS, NFW.
 CHART CLNC DEL: DAL, ADS, DFW, RBD, TKI, AFW, FTW, NFW, GKY, DTO.
 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> RAKE MCGRAW	<u>OFFICE</u>	<u>DATE</u>	
EDWARD W MESA		Jan 05, 2026	AJF	12/31/2025	
<u>DEVELOPED BY</u>	<u>SIGNATURE</u>	<i>Digitally signed by</i> RAKE MCGRAW	<u>OFFICE</u>	<u>DATE</u>	
RAKE MCGRAW (JUDITH TUTTLE)		Jan 05, 2026	AJV-A431	10/23/2025	
<u>APPROVED BY</u>	<u>SIGNATURE</u>	<i>Digitally signed by</i> RAKE MCGRAW	<u>OFFICE</u>	<u>DATE</u>	<u>TITLE</u>
RAKE MCGRAW		Jan 05, 2026	AJV-A422		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:

- TRANSITION ROUTES: UPDATED THOR TO JJANE AND HANUH TO LYING MOCAS FROM "2000" TO "2100" - NEW CONTROLLING OBSTACLE IDENTIFIED.
- PBN REQUIREMENT NOTES: ADDED "RNAV 1 - DME/DME/IRU OR GPS REQUIRED" - IAW 8260.46K 2-1-5.
- PROCEDURE DATA NOTES: REMOVED "RNAV 1" AND "DME/DME/IRU OR GPS REQUIRED" - NO LONGER REQUIRED.
- TAKEOFF MINIMUMS: UPDATED LNC RWY 31 FROM "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" TO "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" - INCORPORATED NOTAM 5/4393.
- TAKEOFF MINIMUMS: UPDATED AFW RWY 16R FROM "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" 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.
- CONTROLLING OBSTACLES: UPDATED OBSTACLE MANDATING ROUTE CONTROLLING OBSTACLES FOR DAL - NEW OBSTACLES IDENTIFIED.
- CONTROLLING OBSTACLES: ADDED CLIMB GRADIENT/CLIMB GRADIENT TERMINATION ALTITUDE/CEILING/VISIBILITY AS REQUIRED - IAW 8260.46K APPENDIX D.
- AIRPORTS SERVED: REMOVED "K" FROM THE AIRPORT IDS - NO LONGER REQUIRED IAW 8260.46K APPENDIX D. EXAMPLES.
- ADDITIONAL FLIGHT DATA: REMOVED "REFERENCE MAG VAR: KDAL 3E EPOCH YEAR: 2020" AND ADDED "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



<u>DP NAME</u>	<u>NUMBER</u>	<u>DP COMPUTER CODE</u>	<u>SUPERSEDED NUMBER</u>	<u>DATED</u>	<u>ACTUAL EFFECTIVE DATE</u>
KUSSO	TWO	KUSSO2.KUSSO	ONE	01/26/2022	

3E/2020, DFW 4E/2015" - IAW 8260.46K APPENDIX D.

10. REMARKS: REMOVED "ABBREVIATED AMENDMENT DOES NOT SATISFY PERIODIC REVIEW REQUIREMENTS" AND "REFERENCE DALLAS ADDISON: RWY 15, RWY 33 CHANGED TO RWY 16, RWY 34" - NO LONGER REQUIRED.

11. REMARKS: ADDED "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" AND "ABBREVIATED AMENDMENT" - FOR FUTURE SPECIALIST INFORMATION.

12. ADDED MSA'S - IAW 8260.46K 3-1-2.



**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>				
KUSSO	TWO	KUSSO2.KUSSO	ONE	01/26/2022					
<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>
SALVE	325020.94N/0963509.57W	Y	-	IF	-	-			
KUSSO	324957.10N/0962616.23W	Y	FB	TF	092.99	7.50			
KUSSO	324957.10N/0962616.23W	Y	-	IF	-	-			KUSSO2.BDDAY
THHOR	324148.38N/0962000.56W	Y	FB	TF	146.97	9.69			
JJANE	323948.54N/0955017.67W	Y	FB	TF	094.41	25.16			
MRSSH	323507.07N/0944627.83W	Y	FB	TF	094.68	54.11			
BDDAY	321856.11N/0941018.17W	Y	FB	TF	117.66	34.60			
KUSSO	324957.10N/0962616.23W	Y	-	IF	-	-			KUSSO2.BSKAT
ZERLU	325953.11N/0961958.89W	Y	FB	TF	028.07	11.24			
SWDIA	331022.97N/0955014.24W	Y	FB	TF	067.12	27.10			
ZACHH	334250.88N/0941456.02W	Y	FB	TF	067.45	86.08			
BSKAT	340230.74N/0933335.42W	Y	FB	TF	060.11	39.63			
KUSSO	324957.10N/0962616.23W	Y	-	IF	-	-			KUSSO2.FORCK
HANUH	324749.14N/0962000.18W	Y	FB	TF	111.92	5.69			
LYING	325052.67N/0955020.65W	Y	FB	TF	082.90	25.18			
FORCK	325947.52N/0941611.34W	Y	FB	TF	083.17	79.75			
KUSSO	324957.10N/0962616.23W	Y	-	IF	-	-			KUSSO2.LOOSE
TRRCH	325349.81N/0962000.56W	Y	FB	TF	053.69	6.54			



<u>DP NAME</u>		<u>NUMBER</u>	<u>DP COMPUTER CODE</u>	<u>SUPERSEDED NUMBER</u>	<u>DATED</u>	<u>ACTUAL EFFECTIVE DATE</u>			
KUSSO		TWO	KUSSO2.KUSSO	ONE	01/26/2022				
<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>
JAYXX	330324.50N/0955021.30W	Y	FB	TF	068.90	26.72			
TRYTN	333304.70N/0941544.53W	Y	FB	TF	069.09	84.64			
LOOSE	335346.88N/0930508.38W	Y	FB	TF	070.34	62.41			
KUSSO	324957.10N/0962616.23W	Y	-	IF	-	-			KUSSO2.MRSSH
THHOR	324148.38N/0962000.56W	Y	FB	TF	146.97	9.69			
JJANE	323948.54N/0955017.67W	Y	FB	TF	094.41	25.16			
MRSSH	323507.07N/0944627.83W	Y	FB	TF	094.68	54.11			
KUSSO	324957.10N/0962616.23W	Y	-	IF	-	-			KUSSO2.ZALEA
THHOR	324148.38N/0962000.56W	Y	FB	TF	146.97	9.69			
JJANE	323948.54N/0955017.67W	Y	FB	TF	094.41	25.16			
MRSSH	323507.07N/0944627.83W	Y	FB	TF	094.68	54.11			
ZALEA	321245.50N/0932835.29W	Y	FB	TF	108.35	69.61			

