

**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SUPERSEDED NUMBER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>
COYOTE	FOUR	CYOTE4.TTT	THREE	01/27/2022	

<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 13L/R, 17L/C/R, 18L/R: CLIMB ON HEADING 240.00 FOR RADAR VECTORS TO APPROPRIATE ROUTE, THENCE...

TAKEOFF RWY 31L/R, 35L/C/R, 36L/R: CLIMB ON HEADING 270.00 FOR RADAR VECTORS TO APPROPRIATE ROUTE, THENCE...

...MAINTAIN 2000 AND EXPECT FILED ALTITUDE 10 MINUTES AFTER DEPARTURE.

**DALLAS LOVE FLD:**

TAKEOFF RUNWAYS 13L/R: CLIMB ON HEADING 168.00 FOR RADAR VECTORS TO APPROPRIATE ROUTE. MAINTAIN ASSIGNED ALTITUDE AND EXPECT FILED ALTITUDE 10 MINUTES AFTER DEPARTURE.

TAKEOFF RUNWAYS 31L/R: CLIMB ON HEADING 333.00 FOR RADAR VECTORS TO APPROPRIATE ROUTE. MAINTAIN ASSIGNED ALTITUDE AND 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>
ABILENE	CYOTE4.ABI	TTT VOR/DME	PODDE	250.47 (TTT R-250)	36.07	3500	2800	
		PODDE	MQP VORTAC	260.89 (MQP R-081)	13.37	3000	2800	
		MQP VORTAC	ABI VORTAC	252.69 & 250.69 (MQP R-253 & ABI R-071)	95.71	3700	3600	
CHILDRESS	CYOTE4.CDS	TTT VOR/DME	FERRA	285.01 (TTT R-285)	37.41	4000	2400	
		FERRA	SCABI	285.01 (TTT R-285)	91.93	14000	3000	
		SCABI	CDS VORTAC	306.75 (CDS R-127)	61.33	14000	3200	
CORONA	CYOTE4.CNX	TTT VOR/DME	CEOLA	263.91 (TTT R-264)	35.01	4000	2500	
		CEOLA	KIRST	263.91 (TTT R-264)	94.36	FL180	3500	
		KIRST	LBB VORTAC	282.36 (LBB R-102)	127.42	FL180	4700	
		LBB VORTAC	CNX VORTAC	271.98 & 267.87 (LBB R-272 & CNX R-088)	191.81	FL180	9300	
LUBBOCK	CYOTE4.LBB	TTT VOR/DME	CEOLA	263.91 (TTT R-264)	35.01	4000	2500	
		CEOLA	KIRST	263.91 (TTT R-264)	94.36	FL180	3500	

QUALITY  
16  
CHECKED

DP NAME		NUMBER		DP COMPUTER CODE	SUPERSEDED NUMBER	DATED	ACTUAL EFFECTIVE DATE
COYOTE		FOUR		CYOTE4.TTT	THREE	01/27/2022	
		KIRST	LBB VORTAC	282.36 (LBB R-102)	127.42	FL180	4700
MILLSAP	CYOTE4.MQP	TTT VOR/DME	PODDE	250.47 (TTT R-250)	36.07	3500	2800
		PODDE	MQP VORTAC	260.89 (MQP R-081)	13.37	3000	2800
PANHANDLE	CYOTE4.PNH	TTT VOR/DME	FERRA	285.01 (TTT R-285)	13.37	4000	2400
		FERRA	SCABI	285.01 (TTT R-285)	91.93	14000	3000
		SCABI	CDS VORTAC	306.75 (CDS R-127)	61.33	14000	3200
		CDS VORTAC	PNH VORTAC	297.07 & 298.27 (CDS R-297 & PNH R-118)	86.86	5300	5000
PODDE	CYOTE4.PODDE	TTT VOR/DME	PODDE	250.47 (TTT R-250)	36.07	3500	2800
TEXICO	CYOTE4.TXO	TTT VOR/DME	CEOLA	263.91 (TTT R-264)	35.01	4000	2500
		CEOLA	KIRST	263.91 (TTT R-264)	94.36	FL180	3500
		KIRST	LBB VORTAC	282.36 (LBB R-102)	127.42	FL180	4700
		LBB VORTAC	TXO VORTAC	305.00 & 304.48 (LBB R-305 & TXO R-124)	66.08	5900	5600

**PBN REQUIREMENT NOTES:**

**EQUIPMENT REQUIREMENT NOTES:**

RADAR AND DME REQUIRED.

**PROCEDURAL DATA NOTES:**

PODDE TRANSITION: ATC ASSIGNED.

NOTE (ALL AIRPORTS): JETS: EXPECT WORTH DEPARTURE.

NOTE (DALLAS LOVE FIELD ONLY): PROPS DEPARTING DAL MUST CONTACT CLEARANCE DELIVERY FOR DEPARTURE INSTRUCTIONS.

**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, 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.

**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.



<u>DP NAME</u>	<u>NUMBER</u>	<u>DP COMPUTER CODE</u>	<u>SUPERSEDED NUMBER</u>	<u>DATED</u>	<u>ACTUAL EFFECTIVE DATE</u>
COYOTE	FOUR	CYOTE4.TTT	THREE	01/27/2022	

**DALLAS LOVE FLD:**

**RWY 13L/R:** 1368 FT MSL BLDG (48-004928) 324648.00N/0964814.00W.

OBSTACLES MANDATING ODP ROUTE DEVELOPMENT:

**RWY 31L/R:** 1048 FT MSL TOWER (48-008398) 325215.51N/0965524.76W.

**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

**LOST COMMUNICATIONS PROCEDURES:**

**ADDITIONAL FLIGHT DATA:**

CHART: ABI R-022 AT KIRST; SPS R-233 AT SCABI.

CHART: TOP ALTITUDE: KDFW RUNWAYS 13 L/R, 17L/C/R, 18L/R, 31L/R, 35L/C/R, 36L/R: 2000; KDAL ALL RUNWAYS: ASSIGNED BY ATC.

AIRPORT MV: DFW (P) 4E/2015, DAL 3E/2020.

**AIRPORTS SERVED:**

<u>AIRPORT ID</u>	<u>CITY</u>	<u>STATE</u>
KDFW	DALLAS-FORT WORTH	TX
KDAL	DALLAS	TX

**COMMUNICATIONS:**

**CHART ATIS:** DFW, DAL

**CHART CLNC DEL:** DFW, DAL

**CHART GND CON:** DFW, DAL

**CHART TOWER:** DFW, DAL

**CHART CPDLC:** DFW, DAL

**FIXES AND/OR NAVAIDS:**

**REMARKS:**

DOCUMENTING HIGHEST MOCA FOR ALL TTT VOR/DME TO FIX PODDE SEGMENTS - CONTROLLED BY PODDE TRANSITION, OBSTACLE 1745 TOWER (48-014219) 324625.85N/0974635.83W.

DO NOT CHART MOCA: FROM MQP VORTAC TO ABI VORTAC.

DO NOT CHART MOCA: FROM LBB VORTAC TO TXO VORTAC.

DO NOT CHART MOCA: FROM CDS VORTAC TO PNH VORTAC.

MEA ON SEGMENTS FROM TTT VOR/DME TO FIX FERRA AND CEOLA DUE TO NAVAID MRA ON THE NEXT SEGMENT FOR AIRCRAFT CLIMB TO NEXT MEA.

MEA ON SEGMENTS FROM FIX FERRA TO FIX SCABI, FROM FIX SCABI TO CDS VORTAC AND FROM LBB VORTAC TO CNX VORTAC DUE TO NAVAID ESV MRA.

**FLIGHT INSPECTED BY**

JEFFREY A FINDLEY

**SIGNATURE**

*Digitally signed by*

**ERIC N SUSKI**

Dec 06, 2023

**OFFICE**

FPO

**DATE**

11/28/2023

**DEVELOPED BY**

MICHAEL MCCARTNEY

**SIGNATURE**

*Digitally signed by*

**MICHAEL A MCCARTNEY**

Dec 06, 2023

**OFFICE**

AJV-A431

**DATE**

05/09/2023

**APPROVED BY**

CASIMIR L. TABAKA

*Digitally signed by*

**ERIC N SUSKI**

Dec 06, 2023

**SIGNATURE**

**OFFICE**

AJV-A432

**DATE**

**TITLE**

MANAGER

DP NAME	NUMBER	DP COMPUTER CODE	SUPERSEDED NUMBER	DATED	ACTUAL EFFECTIVE DATE
COYOTE	FOUR	CYOTE4.TTT	THREE	01/27/2022	

**REQUIRED EFFECTIVE DATE**

ROUTINE

**COORDINATED WITH:**

**A4A** ☒ **ALPA** ☒ **AOPA** ☒ **APA** ☒ **HAI** ☐ **NBAA** ☒ **OTHER:** ZFW, DFW TOWER, DAL TOWER, REGIONAL DEP CON, ADS ATCT, RBD ATCT, TKI ATCT, AFW ATCT, FTW ATCT, FWS ATCT, NFW ATCT, GKY ATCT, DTO ATCT, GPM ATCT, AMGR(S).

**CHANGES - REASONS:**

1. UPDATED DP ROUTE DESCRIPTION FOR RWY 18L/R FROM "CLIMB ON HEADING 190.00 FOR VECTORS TO APPROPRIATE ROUTE" TO "CLIMB ON HEADING 240.00 FOR RADAR VECTORS TO APPROPRIATE ROUTE"- PER AIR TRAFFIC/IFP CHECKLIST REQUEST.
2. UPDATED DP ROUTE DESCRIPTION FOR RWY 35 C/L/R FROM "CLIMB ON HEADING 010.00 FOR VECTORS TO APPROPRIATE ROUTE" TO "CLIMB ON HEADING 270.00 FOR RADAR VECTORS TO APPROPRIATE ROUTE - PER AIR TRAFFIC/IFP CHECKLIST REQUEST.
3. UPDATED WORDING ON TAKEOFF MINIMUMS FROM "FEET PER NM" TO "FT/NM" - 8260.46J APPENDIX A 3D.
4. UPDATED ALL DP ROUTE DESCRIPTIONS FROM "HEADING FOR VECTORS TO" TO "HEADING FOR RADAR VECTORS TO" - 8260.46J 2-1-1 G(2).
5. ADDED ALL MISSING MOCA ALTITUDES TO TRANSITIONS - MEMO CLARIFICATION TO FAA ORDER 8260.46, DEPARTURE PROCEDURE (DP) PROGRAM, MOCA DOCUMENTATION.
6. ADDED DO NOT CHART MOCA: FROM TTT VOR/DME TO FIX PODDE. DO NOT CHART MOCA: FROM FIX PODDE TO MQP VORTAC. DO NOT CHART MOCA: FROM MQP VORTAC TO ABI VORTAC. DO NOT CHART MOCA: FROM LBB VORTAC TO TXO VORTAC. DO NOT CHART MOCA: FROM CDS VORTAC TO PNH VORTAC.. ALL MOCAS ARE LESS THAN 500 FEET BELOW MEAS. - 8260.46J SECTION 2. D.(8).
7. UPDATED KDAL FROM "DALLAS LOVE FIELD" TO "DALLAS LOVE FLD" - MATCH NASR DATA.
8. ADDED MSA INFORMATION - 8260.46J
9. MOVED RADAR AND DME REQUIRED TO EQUIPMENT REQUIREMENT NOTES AND REMOVED "NOTE (ALL AIRPORTS):-" - 8260.46J
10. UPDATED KDFW MAG VAR FROM "REFERENCE MAG VAR: KDFW 4E EPOCH YR: 2015" TO "AIRPORT MV: DFW (P) 4E/2015" AND ADDED KDAL MAG VAR TO ADDITIONAL FLIGHT DATA - MEMO 283.
11. UPDATED ALL MEAS TO LOWEST ENROUTE ALTITUDE - 8260.3E
12. ADDED REMARK: "DOCUMENTING HIGHEST MOCA FOR ALL TTT VOR/DME TO FIX PODDE SEGMENTS - CONTROLLED BY PODDE TRANSITION, OBSTACLE 1745 TOWER (48-014219) 324625.85N/0974635.83W" - CHARTING CAN ONLY CHART ONE MOCA ON A SEGMENT.
13. ADDED REMARK: "MEA ON SEGMENTS FROM TTT VOR/DME TO FIX FERRA AND FIX CEOLA DUE TO NAVAID MRA ON THE NEXT SEGMENT FOR AIRCRAFT CLIMB TO NEXT MEA. - DOCUMENTING REASON WHEN MEA IS NOT BASED ON MOCA FROM TRANSITION ROUTES (GRAPHIC DEPICTION ONLY) SECTION.
14. ADDED REMARK: "MEA ON SEGMENTS FROM FIX FERRA TO FIX SCABI, FROM FIX SCABI TO CDS VORTAC AND FROM LBB VORTAC TO CNX VORTAC DUE TO NAVAID ESV MRA" - DOCUMENTING REASON WHEN MEA IS NOT BASED ON MOCA FROM TRANSITION ROUTES (GRAPHIC DEPICTION ONLY) SECTION.

12/06/23: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 05/09/23.

1. TRANSITION ROUTES, CHANGED MEA ON ALL TTT VOR/DME TO FIX PODDE SEGMENTS FROM 2900 TO 3500. - NEW TTT DME RESTRICTION RADIALS 240-260 BEYOND 20 NM AND BELOW 3500 DUE TO FAILED FLIGHT INSPECTION ON 12/02/2023.

2. REMARKS, DELETED "DO NOT CHART MOCA: FROM TTT VOR/DME TO FIX PODDE". - THIS SEGMENT MEA RAISED TO 3500 AND IS NOW GREATER THAN 500 FT ABOVE MOCA.

3. SIGNATURE BLOCK, ADDED FLIGHT INSPECTED BY "JEFFREY A FINDLEY", OFFICE "FPO" AND DATE "11/28/2023", AND CHANGED DEVELOPED BY FROM "CASEY HILL" TO "MICHAEL MCCARTNEY"

AND OFFICE FROM "AJV-A432" TO "AJV-A431".

*Digitally signed by*

**ERIC N SUSKI**

Dec 06, 2023

