

U.S. DEPARTMENT of TRANSPORTATION – FEDERAL AVIATION ADMINISTRATION
GRAPHIC DEPARTURE PROCEDURE (DP)

Bearings, headings, courses, tracks, and radials are magnetic. Elevation 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. Graphic depictions attached.

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
WSTEX	TWO	WSTEX2.WSTEX	ONE	18 SEP 14	04 FEB 2016

TYPE: RNAV SID

DP ROUTE DESCRIPTION:

TAKEOFF RWY 17C: CLIMB HEADING 176.26 TO INTERCEPT COURSE 184.84 TO CROSS LARRN AT OR ABOVE 5000, THEN ON TRACK 252.57 TO GIGEM, THEN ON TRACK 264.69 TO RBBIT, THENCE...

TAKEOFF RWY 17R: CLIMB HEADING 176.26 TO INTERCEPT COURSE 183.62 TO CROSS LARRN AT OR ABOVE 5000, THEN ON TRACK 252.57 TO GIGEM, THEN ON TRACK 264.69 TO RBBIT, THENCE...

TAKEOFF RWY 18L: CLIMB HEADING 176.25 TO 1120, THEN DIRECT TO CROSS LARRN AT OR ABOVE 5000, THEN ON TRACK 252.57 TO GIGEM, THEN ON TRACK 264.69 TO RBBIT, THENCE...

TAKEOFF RWY 18R: CLIMB HEADING 176.25 TO 1120, THEN DIRECT TO CROSS LARRN AT OR ABOVE 5000, THEN ON TRACK 252.57 TO GIGEM, THEN ON TRACK 264.69 TO RBBIT, THENCE...

TAKEOFF RWY 35C: CLIMB HEADING 356.26 TO INTERCEPT COURSE 324.71 TO GVINE, THEN ON TRACK 262.00 TO CROSS KMART AT OR ABOVE 5500, THEN ON TRACK 259.34 TO MARSN, THEN ON TRACK 228.48 TO RBBIT, THENCE...

TAKEOFF RWY 35L: CLIMB HEADING 356.26 TO INTERCEPT COURSE 326.58 TO GVINE, THEN ON TRACK 262.00 TO CROSS KMART AT OR ABOVE 5500, THEN ON TRACK 259.34 TO MARSN, THEN ON TRACK 228.48 TO RBBIT, THENCE...

TAKEOFF RWY 36L: CLIMB HEADING 356.25 TO INTERCEPT COURSE 339.79 TO GVINE, THEN ON COURSE 262.00 TO CROSS KMART AT OR ABOVE 5500, THEN ON TRACK 259.34 TO MARSN, THEN ON TRACK 228.48 TO RBBIT, THENCE...

TAKEOFF RWY 36R: CLIMB HEADING 356.25 TO INTERCEPT COURSE 337.56 TO GVINE, THEN ON COURSE 262.00 TO CROSS KMART AT OR ABOVE 5500, THEN ON TRACK 259.34 TO MARSN, THEN ON TRACK 228.48 TO RBBIT, THENCE...

...ON TRACK 260.81 TO LYNDE, THEN ON TRACK 260.56 TO WSTEX, THEN ON (TRANSITION). MAINTAIN 10000, EXPECT FILED ALTITUDE TEN MINUTES AFTER DEPARTURE.

TAKEOFF RWY 31L/R: CLIMB HEADING ASSIGNED BY ATC, EXPECT RADAR VECTORS TO RBBIT, THENCE...

...ON TRACK 260.81 TO LYNDE, THEN ON TRACK 260.56 TO WSTEX, THEN ON (TRANSITION). MAINTAIN 5000, EXPECT FILED ALTITUDE TEN MINUTES AFTER DEPARTURE.

TRANSITION ROUTES (GRAPHIC DEPICTION ONLY):

Transition Name	Transition Computer Codes	From FIX/NAVAID	To FIX/NAVAID	Course	Distance	MEA	MOCA	Crossing Altitudes/Fixes
CIKAN	WSTEX2.CIKAN	WSTEX	CIKAN	TRACK 262.02	50.13	10000	4100	
DOSXX	WSTEX2.DOSXX	WSTEX	DOSXX	TRACK 250.04	32.63	10000	3900	

PROCEDURAL DATA NOTES/TAKEOFF MINIMUMS:

NOTE: DME/DME/IRU OR GPS REQUIRED.

NOTE: RNAV 1.

NOTE: FOR USE BY TURBOJETS ONLY.

NOTE: RNAV CAPABLE PROPS: FILE AND EXPECT THE SWABR RNAV SID.

NOTE: NON-RNAV CAPABLE PROPS: FILE AND EXPECT KINGDOM OR COYOTE DEPARTURE.

NOTE: RADAR REQUIRED.



U.S. DEPARTMENT of TRANSPORTATION – FEDERAL AVIATION ADMINISTRATION
GRAPHIC DEPARTURE PROCEDURE (DP)

Bearings, headings, courses, tracks, and radials are magnetic. Elevation 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. Graphic depictions attached.

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
WSTEX	TWO	WSTEX2.WSTEX	ONE	18 SEP 14	04 FEB 2016

TAKEOFF MINIMUMS:

RWY 31L, 31R, STANDARD.

RWY 17C, 17R, 18L, 18R, 35C, 35L, 36L, 36R, STANDARD WITH MINIMUM CLIMB OF 500 FT PER NM TO 1120.

TAKEOFF OBSTACLES NOTES:

NOTE: RWY 31L, TREES BEGINNING 928 FT FROM DER, 724 FT LEFT OF CENTERLINE, UP TO 55 FT AGL/654 FT MSL. TREES 1229 FT FROM DER, 729 FT RIGHT OF CENTERLINE, UP TO 28 FT AGL/637 FT MSL. TRANSMISSION POLES AND TOWERS BEGINNING 3402 FT FROM DER, 1398 FT RIGHT OF CENTERLINE, UP TO 110 FT AGL/730 FT MSL.

NOTE: RWY 31R, BUILDING 732 FT FROM DER, 633 FT LEFT OF CENTERLINE, 34 FT AGL/604 FT MSL.

CONTROLLING OBSTACLES:**LOST COMMUNICATIONS PROCEDURES:****ADDITIONAL FLIGHT DATA:**

REFERENCE MAG VAR: KDFW 4E EPOCH YEAR: 2015. DME/DME ASSESSMENT: SAT (RNP 2.0)

CHART: MEA/MOCA FROM RBBIT TO LYNDE 10000/3100, FROM LYNDE TO WSTEX 10000/3100.

CHART: TOP ALTITUDE RWY 31L/31R: 5000; RWY 17C/17R/18L/18R/35L/35C/36L/36R: 10000.

CHART SPEED ICON MAXIMUM SPEED 240 KIAS AT LARRN.

CHART SPEED ICON MAXIMUM SPEED 240 KIAS AT KMART.

PILOT NAVIGATION AREA:

7 NM ARC CENTERED ON RBBIT (IF), CW

FROM: POINT A (BEARING 216 DEGREES TO RBBIT)

TO: POINT B (BEARING 306 DEGREES TO RBBIT)

MINIMUM ALTITUDE – 9000

AIRPORTS SERVED:

DALLAS/FORT WORTH INTL

DALLAS-FORT WORTH, TX

COMMUNICATIONS:

ATIS, CLNC DEL, GND CON, TOWER, DEP CON

FIXES AND/OR NAVAIDS:

U.S. DEPARTMENT of TRANSPORTATION – FEDERAL AVIATION ADMINISTRATION
GRAPHIC DEPARTURE PROCEDURE (DP)

Bearings, headings, courses, tracks, and radials are magnetic. Elevation 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. Graphic depictions attached.

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
WSTEX	TWO	WSTEX2.WSTEX	ONE	18 SEP 14	04 FEB 2016

CHART: TYGGR, DBLSS, PGLET, MUTE, ROOOO, RUFFS, FUMED, ALIAN, KATZZ, HRPER, HUDAD.

REMARKS:

PGO VORTAC IS CLOSEST SUITABLE NAVAID (161.75 NM) SET AT MAGVAR 4E TO USE AS RECOMMENDED NAVAID FOR CF LEGS. WAIVER ON FILE FOR TERMINOLOGY USED IN DP ROUTE DESCRIPTION FOR RWY 31L/R (CLIMB HEADING ASSIGNED BY ATC). LETTER OF APPROVAL ON FILE FOR VI-CF INTERCEPT ANGLES LESS THAN 10 DEGREES.

REQUIRED EFFECTIVE DATE:

ROUTINE

COORDINATED WITH:

ATA, ALPA, APA, AOPA, NBAA, ZFW, DFW ATCT, REGIONAL APP CON, AMGR

CHANGES:

1. CHANGED CLIMB HEADING OFF RWY 17C FROM 176.27 TO 176.26.
2. CHANGED CLIMB HEADING OFF RWY 35C FROM 356.27 TO 356.26.
3. ADDED TOP ALTITUDE DATA TO ADDITIONAL FLIGHT DATA.
4. ADDED SPEED RESTRICTION FOR KMART AND LARRN TO ADDITIONAL FLIGHT DATA AND REMOVED IT FROM DP ROUTE DESCRIPTION.
5. DELETED CHART NOTE FOR PROPS TO FILE KINGDOM OR COYOTE DEPARTURE FROM PROCEDURAL DATA NOTES.
6. ADDED NOTE FOR RNAV CAPABLE PROPS AND NON-RNAV CAPABLE PROPS TO PROCEDURAL DATA NOTES.
7. CHANGED THE IDF FROM HOOTT TO RBBIT; CHANGED POINT A BEARING TO 216 DEGREES AND CHANGED POINT B BEARING TO 306 DEGREES.
8. UPDATED FIXES AND/OR NAVAIDS TO BE CHARTED; REMOVED POOBR, WALIE, EEORE, BGLEE, HOOTT, SNUCK, WUDIE, IAMUP.
9. CHANGED ENROUTE ALTITUDE FOR 31L/31R FROM 10000 TO 5000. CHANGED THE MEA FOR THE LOOSE TRANSITION FROM FL180 TO 10000.
10. UPDATED REMARKS SECTION: ADDED WAIVER AND LETTER OF APPROVAL INFORMATION.

REASONS:

- 1-2. UPDATED RUNWAY DATA FOR RWY 17C/35C PER AIRPORT DATASHEET.
3. ADDED TOP ALTITUDE PER MEMO #225 DATED 26 SEP 2014.
4. 8260.46E, SECTION 2-1-1, PARA E (3B).
- 5-9. ATC REQUEST.
10. ADDED FOR INFORMATIONAL PURPOSES.



DEPARTURE (DATA RECORD)

DP Name		Number		DP Computer Code			Superseded Number		Dated	Effective Date
WSTEX		TWO		WSTEX2.WSTEX			ONE		18 SEP 14	04 FEB 2016
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS	
RW17C (AER)	325456.55N/0970133.49W	N	-	-	-	-				
	325136.03N/0970134.60W	-	-	VI	180.26	3.34			CG 500 FT/NM TO 1120.	
	LARRN	Y	FB	CF	188.84	9.22	AT/ABOVE 5000	AT/BELOW 240K	RECOMMENDED NAVAID: PGO VORTAC	
	GIGEM	Y	FB	TF	256.57	4.32				
	RBBIT	Y	FB	TF	268.69	30.22				
RW17R (AER)	325456.60N/0970147.58W	N	-	-	-	-				
	325136.09N/0970148.66W	-	-	VI	180.26	3.34			CG 500 FT/NM TO 1120.	
	LARRN	Y	FB	CF	187.62	9.20	AT/ABOVE 5000	AT/BELOW 240K	RECOMMENDED NAVAID: PGO VORTAC	
	GIGEM	Y	FB	TF	256.57	4.32				
	RBBIT	Y	FB	TF	268.69	30.22				
RW18L (AER)	325456.88N/0970302.65W	N	-	-	-	-				
	1120 MSL	-	-	VA	180.25	-			CG 500 FT/NM TO 1120.	
	LARRN	Y	FB	DF	-	-	AT/ABOVE 5000	AT/BELOW 240K		
	GIGEM	Y	FB	TF	256.57	4.32				
	RBBIT	Y	FB	TF	268.69	30.22				
RW18R (AER)	325456.93N/0970316.71W	N	-	-	-	-				
	1120 MSL	-	-	VA	180.25	-			CG 500 FT/NM TO 1120.	
	LARRN	Y	FB	DF	-	-	AT/ABOVE 5000	AT/BELOW 240K		
	GIGEM	Y	FB	TF	256.57	4.32				
	RBBIT	Y	FB	TF	268.69	30.22				
RW31L (AER)	325324.97N/0970347.79W	N	-	-	-	-				
		-	-	VM	319.06	-				
	RBBIT	Y	FB	DF	-	-				
RW31R (AER)	325341.93N/0970003.04W	N	-	-	-	-				
		-	-	VM	315.28	-				
	RBBIT	Y	FB	DF	-	-				



DEPARTURE (DATA RECORD)

DP Name		Number		DP Computer Code			Superseded Number		Dated	Effective Date
WSTEX		TWO		WSTEX2.WSTEX			ONE		18 SEP 14	04 FEB 2016
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS	
RW35C (AER)	325243.96N/0970134.22W	N	-	-	-	-				
	325605.68N/0970133.10W	-	-	VI	000.26	3.36			CG 500 FT/NM TO 1120.	
GVINE	330043.50N/0970453.56W	Y	FB	CF	328.71	5.41			RECOMMENDED NAVAID: PGO VORTAC	
KMART	330025.19N/0971002.47W	Y	FB	TF	266.00	4.34	AT/ABOVE 5500	AT/BELOW 240K		
MARSN	325959.38N/0971424.03W	Y	FB	TF	263.34	3.69				
RBBIT	324040.95N/0974402.40W	Y	FB	TF	232.48	31.54				
RW35L (AER)	325244.02N/0970148.29W	N	-	-	-	-				
	325605.13N/0970147.21W	-	-	VI	000.26	3.35			CG 500 FT/NM TO 1120.	
GVINE	330043.50N/0970453.56W	Y	FB	CF	330.58	5.32			RECOMMENDED NAVAID: PGO VORTAC	
KMART	330025.19N/0971002.47W	Y	FB	TF	266.00	4.34	AT/ABOVE 5500	AT/BELOW 240K		
MARSN	325959.38N/0971424.03W	Y	FB	TF	263.34	3.69				
RBBIT	324040.95N/0974402.40W	Y	FB	TF	232.48	31.54				
RW36L (AER)	325244.35N/0970317.40W	N	-	-	-	-				
	325601.86N/0970316.37W	-	-	VI	000.25	3.29			CG 500 FT/NM TO 1120.	
GVINE	330043.50N/0970453.56W	Y	FB	CF	343.79	4.88			RECOMMENDED NAVAID: PGO VORTAC	
KMART	330025.19N/0971002.47W	Y	FB	TF	266.00	4.34	AT/ABOVE 5500	AT/BELOW 240K		
MARSN	325959.38N/0971424.03W	Y	FB	TF	263.34	3.69				
RBBIT	324040.95N/0974402.40W	Y	FB	TF	232.48	31.54				
RW36R (AER)	325244.30N/0970303.33W	N	-	-	-	-				
	325602.41N/0970302.31W	-	-	VI	000.25	3.30			CG 500 FT/NM TO 1120.	
GVINE	330043.50N/0970453.56W	Y	FB	CF	341.56	4.93			RECOMMENDED NAVAID: PGO VORTAC	
KMART	330025.19N/0971002.47W	Y	FB	TF	266.00	4.34	AT/ABOVE 5500	AT/BELOW 240K		
MARSN	325959.38N/0971424.03W	Y	FB	TF	263.34	3.69				
RBBIT	324040.95N/0974402.40W	Y	FB	TF	232.48	31.54				
RBBIT	324040.95N/0974402.40W	Y	-	IF	-	-				
LYNDE	323821.57N/0981329.77W	Y	FB	TF	264.81	24.98				
WSTEX	323242.98N/0991953.04W	Y	FB	TF	264.56	56.37				



DEPARTURE (DATA RECORD)

DP Name		Number		DP Computer Code			Superseded Number		Dated	Effective Date
WSTEX		TWO		WSTEX2.WSTEX			ONE		18 SEP 14	04 FEB 2016
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS	
WSTEX	323242.98N/0991953.04W	Y	-	IF	-	-			WSTEX2.CIKAN	
CIKAN	322900.00N/1001900.00W	Y	FB	TF	266.02	50.13				
WSTEX	323242.98N/0991953.04W	Y	-	IF	-	-			WSTEX2.DOSXX	
DOSXX	322338.17N/0995655.90W	Y	FB	TF	254.04	32.63				