

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DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
ALIAN	TWO	ALIAN2.ALIAN	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 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 36R: CLIMB HEADING 356.25 TO INTERCEPT COURSE 337.56 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...

...ON TRACK 266.84 TO FUMED, THEN ON TRACK 266.54 TO ALIAN. 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 266.84 TO FUMED, THEN ON TRACK 266.54 TO ALIAN. 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
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PROCEDURAL DATA NOTES/TAKEOFF MINIMUMS:

NOTE: ATC ASSIGNED ONLY.

NOTE: DME/DME/IRU OR GPS REQUIRED.

NOTE: RNAV 1.

NOTE: FOR USE BY TURBOJET AIRCRAFT ONLY.

NOTE: RADAR REQUIRED.

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.



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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 FUMED 10000/3100, FROM FUMED TO ALIAN 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 222 DEGREES TO RBBIT)
TO: POINT B (BEARING 312 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:

CHART: TYGGR, DBLSS, PGLET, MUTEE, ROOOO, RUFFS, KATZZ, WSTEX, HUDAD, HRPER, AND LYNDE.



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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. CHANGED THE IDF FROM HOOTT TO RBBIT; CHANGED POINT A BEARING FROM 215 TO 222 DEGREES AND CHANGED POINT B BEARING FROM 305 TO 312 DEGREES.
7. UPDATED FIXES TO BE CHARTED FROM FIXES AND/OR NAVAIDS SECTION; REMOVED BGLEE, EEORE, POOBR, SNUCK, WUDIE, WALIE.
8. CHANGED ENROUTE ALTITUDE FOR 31L/31R FROM 10000 TO 5000.
9. 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).
- 5-8. ATC REQUEST.
9. ADDED FOR INFORMATIONAL PURPOSES.



DEPARTURE (DATA RECORD)

DP Name		Number		DP Computer Code			Superseded Number		Dated	Effective Date
ALIAN		TWO		ALIAN2.ALIAN			ONE		18 SEP 2014	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	-	-				



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ALIAN		TWO		ALIAN2.ALIAN			ONE		18 SEP 2014	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	-	-				
FUMED	324059.54N/0981332.78W	Y	FB	TF	270.84	24.91				
ALIAN	324114.02N/0991323.24W	Y	FB	TF	270.54	50.51				