

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DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
HUDAD	TWO	HUDAD2.HUDAD	ONE	18 SEP 14	04 FEB 2016

TYPE: RNAV SID

DP ROUTE DESCRIPTION:

TAKEOFF RWY 17C: CLIMB HEADING 176.26 TO INTERCEPT COURSE 204.62 TO BPARK, THEN ON TRACK 254.87 TO CROSS YAMEL AT OR ABOVE 5000, THEN ON TRACK 270.17 TO FIRMN, THEN ON TRACK 293.87 TO PGLET, THENCE...

TAKEOFF RWY 17R: CLIMB HEADING 176.26 TO INTERCEPT COURSE 202.87 TO BPARK, THEN ON TRACK 254.87 TO CROSS YAMEL AT OR ABOVE 5000, THEN ON TRACK 270.17 TO FIRMN, THEN ON TRACK 293.87 TO PGLET, THENCE...

TAKEOFF RWY 18L: CLIMB HEADING 176.25 TO INTERCEPT COURSE 192.50 TO BPARK, THEN ON TRACK 254.87 TO CROSS YAMEL AT OR ABOVE 5000, THEN ON TRACK 270.17 TO FIRMN, THEN ON TRACK 293.87 TO PGLET, THENCE...

TAKEOFF RWY 18R: CLIMB HEADING 176.25 TO INTERCEPT COURSE 192.00 TO BPARK, THEN ON TRACK 254.87 TO CROSS YAMEL AT OR ABOVE 5000, THEN ON TRACK 270.17 TO FIRMN, THEN ON TRACK 293.87 TO PGLET, THENCE...

TAKEOFF RWY 35C: CLIMB HEADING 356.26 TO INTERCEPT COURSE 346.42 TO CROSS HAZKL AT OR ABOVE 5000, THEN ON TRACK 277.02 TO TULUY, THEN ON TRACK 255.43 TO PGLET, THENCE...

TAKEOFF RWY 35L: CLIMB HEADING 356.26 TO INTERCEPT COURSE 347.71 TO CROSS HAZKL AT OR ABOVE 5000, THEN ON TRACK 277.02 TO TULUY, THEN ON TRACK 255.43 TO PGLET, THENCE...

TAKEOFF RWY 36L: CLIMB HEADING 356.25 TO 1120, THEN DIRECT TO CROSS HAZKL AT OR ABOVE 5000, THEN ON TRACK 277.02 TO TULUY, THEN ON TRACK 255.43 TO PGLET, THENCE...

TAKEOFF RWY 36R: CLIMB HEADING 356.25 TO 1120, THEN DIRECT TO CROSS HAZKL AT OR ABOVE 5000, THEN ON TRACK 277.02 TO TULUY, THEN ON TRACK 255.43 TO PGLET, THENCE...

...ON TRACK 290.05 TO MUTE, THEN ON TRACK 289.86 TO HUDAD. MAINTAIN 10000, EXPECT FILED ALTITUDE TEN MINUTES AFTER DEPARTURE.

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

...ON TRACK 290.05 TO MUTE, THEN ON TRACK 289.86 TO HUDAD. 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: DME/DME/IRU OR GPS REQUIRED.

NOTE: RNAV 1.

NOTE: FOR USE BY TURBOJET AIRCRAFT 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.

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 PGLET TO MUTEE 10000/3600, MUTEE TO HUDAD 10000/3000.

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

CHART SPEED ICON MAXIMUM SPEED AT YAMEL 240 KIAS.

CHART SPEED ICON MAXIMUM SPEED AT HAZKL 240 KIAS.

PILOT NAVIGATION AREA:

7 NM ARC CENTERED ON PGLET (IF), CW

FROM: POINT A (BEARING 245 DEGREES TO PGLET)

TO: POINT B (BEARING 335 DEGREES TO PGLET)

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: ALIAN, DBLSS, FUMED, HRPER, KATZZ, LYNDE, RBBIT, ROOOO, RUFFS, TYGGR, WSTEX.



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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 YAMEL AND HAZKL TO ADDITIONAL FLIGHT DATA AND REMOVED IT FROM DP ROUTE DESCRIPTION.
5. ADDED CHART NOTE FOR RNAV-CAPABLE PROPS TO FILE THE SWABR RNAV SID.
6. CHANGED NOTE FOR NON-RNAV CAPABLE PROPS TO FILE THE KINGDOM OR COYOTE SIDS.
7. CHANGED IDF FROM EEORE TO PGLET; CHANGED POINT A BEARING FROM 240 DEGREES TO 245 DEGREES AND CHANGED POINT B BEARING FROM 330 DEGREES TO 335 DEGREES.
8. CHANGED TERMINATION POINTS FOR RWY 35L/C AND RWY 36L/R TRANSITIONS TO PGLET.
9. UPDATED FIXES AND/OR NAVAIDS TO BE CHARTED; REMOVED POOBR, WALIE, SNUCK, WUDIE, HOOTT, IAMUP.
10. CHANGED ENROUTE ALTITUDE FOR 31L/31R TO 5000.
11. 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).
- 5-10. ATC REQUEST.
11. ADDED FOR INFORMATIONAL PURPOSES.



DEPARTURE (DATA RECORD)

DP Name		Number		DP Computer Code			Superseded Number		Dated	Effective Date
HUDAD		TWO		HUDAD2.HUDAD			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	-	-	-	-				
	325136.63N/0970134.60W	-	-	VI	180.26	3.33			CG 500 FT/NM TO 1120	
	BPARK 324631.76N/0970451.51W	Y	FB	CF	208.62	5.78			RECOMMENDED NAVAID: PGO VORTAC	
	YAMEL 324555.70N/0970828.05W	Y	FB	TF	258.87	3.10	AT/ABOVE 5000	AT/BELOW 240K		
	FIRMN 324617.77N/0971428.77W	Y	FB	TF	274.17	5.08				
	PGLET 325923.62N/0974359.79W	Y	FB	TF	297.87	28.08				
RW17R (AER)	325456.60N/0970147.58W	N	-	-	-	-				
	325136.69N/0970148.65W	-	-	VI	180.26	3.33			CG 500 FT/NM TO 1120	
	BPARK 324631.76N/0970451.51W	Y	FB	CF	206.87	5.69			RECOMMENDED NAVAID: PGO VORTAC	
	YAMEL 324555.70N/0970828.05W	Y	FB	TF	258.87	3.10	AT/ABOVE 5000	AT/BELOW 240K		
	FIRMN 324617.77N/0971428.77W	Y	FB	TF	274.17	5.08				
	PGLET 325923.62N/0974359.79W	Y	FB	TF	297.87	28.08				
RW18L (AER)	325456.88N/0970302.65W	N	-	-	-	-				
	325139.37N/0970303.67W	-	-	VI	180.25	3.29			CG 500 FT/NM TO 1120	
	BPARK 324631.76N/0970451.51W	Y	FB	CF	196.50	5.34			RECOMMENDED NAVAID: PGO VORTAC	
	YAMEL 324555.70N/0970828.05W	Y	FB	TF	258.87	3.10	AT/ABOVE 5000	AT/BELOW 240K		
	FIRMN 324617.77N/0971428.77W	Y	FB	TF	274.17	5.08				
	PGLET 325923.62N/0974359.79W	Y	FB	TF	297.87	28.08				
RW18R (AER)	325456.93N/0970316.71W	N	-	-	-	-				
	325107.56N/0970317.90W	-	-	VI	180.25	3.82			CG 500 FT/NM TO 1120	
	BPARK 324631.76N/0970451.51W	Y	FB	CF	196.00	4.77			RECOMMENDED NAVAID: PGO VORTAC	
	YAMEL 324555.70N/0970828.05W	Y	FB	TF	258.87	3.10	AT/ABOVE 5000	AT/BELOW 240K		
	FIRMN 324617.77N/0971428.77W	Y	FB	TF	274.17	5.08				
	PGLET 325923.62N/0974359.79W	Y	FB	TF	297.87	28.08				
RW31L (AER)	325324.97N/0970347.79W	N	-	-	-	-				
		-	-	VM	319.06	-				
	PGLET 325923.62N/0974359.79W	Y	FB	DF	-	-				

QUALITY

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CHECKED



DEPARTURE (DATA RECORD)

DP Name		Number	DP Computer Code		Superseded Number		Dated	Effective Date	
HUDAD		TWO	HUDAD2.HUDAD		ONE		18 SEP 2014	04 FEB 2016	
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
RW31R (AER)	325341.93N/0970003.04W	N	-	-	-	-			
		-	-	VM	315.28	-			
PGLET	325923.62N/0974359.79W	Y	FB	DF	-	-			
RW35C (AER)	325243.96N/0970134.22W	N	-	-	-	-			
	325603.88N/0970133.11W	-	-	VI	000.26	3.33			CG 500 FT/NM TO 1120
HAZKL	330415.04N/0970311.58W	Y	FB	CF	350.42	8.29	AT/ABOVE 5000	AT/BELOW 240K	RECOMMENDED NAVAID: PGO VORTAC
TULUY	330505.30N/0970818.66W	Y	FB	TF	281.02	4.38			
PGLET	325923.62N/0974359.79W	Y	FB	TF	259.43	30.53			
RW35L (AER)	325244.02N/0970148.29W	N	-	-	-	-			
	325607.54N/0970147.20W	-	-	VI	000.26	3.39			CG 500 FT/NM TO 1120
HAZKL	330415.04N/0970311.58W	Y	FB	CF	351.71	8.20	AT/ABOVE 5000	AT/BELOW 240K	RECOMMENDED NAVAID: PGO VORTAC
TULUY	330505.30N/0970818.66W	Y	FB	TF	281.02	4.38			
PGLET	325923.62N/0974359.79W	Y	FB	TF	259.43	30.53			
RW36L (AER)	325244.35N/0970317.40W	N	-	-	-	-			
1120 MSL		-	-	VA	000.25	-			CG 500 FT/NM TO 1120
HAZKL	330415.04N/0970311.58W	Y	FB	DF	-	-	AT/ABOVE 5000	AT/BELOW 240K	
TULUY	330505.30N/0970818.66W	Y	FB	TF	281.02	4.38			
PGLET	325923.62N/0974359.79W	Y	FB	TF	259.43	30.53			
RW36R (AER)	325244.30N/0970303.33W	N	-	-	-	-			
1120 MSL		-	-	VA	000.25	-			CG 500 FT/NM TO 1120
HAZKL	330415.04N/0970311.58W	Y	FB	DF	-	-	AT/ABOVE 5000	AT/BELOW 240K	
TULUY	330505.30N/0970818.66W	Y	FB	TF	281.02	4.38			
PGLET	325923.62N/0974359.79W	Y	FB	TF	259.43	30.53			
PGLET	325923.62N/0974359.79W	Y	-	IF	-	-			
MUTEE	331031.45N/0981348.54W	Y	FB	TF	294.05	27.40			
HUDAD	333652.04N/0992555.62W	Y	FB	TF	293.86	65.86			