

**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SUPERSEDED NUMBER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>
HUDAD	THREE	HUDAD3.HUDAD	TWO	02/04/2016	
<u>TYPE:</u>	<u>OBSTACLE</u>	<u>COPTER</u>	<u>SID</u>	<u>SPECIAL</u>	<u>RNAV</u>
☐	☐	☒	☐	☒	

DP ROUTE DESCRIPTION:

TAKEOFF RWY 17C: CLIMB ON HEADING 176.26 TO INTERCEPT COURSE 204.62 TO BPARK, THEN ON TRACK 254.87 TO CROSS YAMEL AT OR ABOVE 5000 AND AT OR BELOW 240 KIAS, THEN ON TRACK 270.17 TO FIRMN, THEN ON TRACK 293.878 TO PGLET, THENCE ...

TAKEOFF RWY 17R: CLIMB ON HEADING 176.26 TO INTERCEPT COURSE 202.87 TO BPARK, THEN ON TRACK 254.87 TO CROSS YAMEL AT OR ABOVE 5000 AND AT OR BELOW 240 KIAS, THEN ON TRACK 270.17 TO FIRMN, THEN ON TRACK 293.87 TO PGLET, THENCE ...

TAKEOFF RWY 18L: CLIMB ON HEADING 176.25 TO INTERCEPT COURSE 192.52 TO BPARK, THEN ON TRACK 254.87 TO CROSS YAMEL AT OR ABOVE 5000 AND AT OR BELOW 240 KIAS, THEN ON TRACK 270.17 TO FIRMN, THEN ON TRACK 293.87 TO PGLET, THENCE ...

TAKEOFF RWY 18R: CLIMB ON HEADING 176.25 TO INTERCEPT COURSE 192.00 TO BPARK, THEN ON TRACK 254.87 TO CROSS YAMEL AT OR ABOVE 5000 AND AT OR BELOW 240 KIAS, THEN ON TRACK 270.17 TO FIRMN, THEN ON TRACK 293.87 TO PGLET, THENCE ...

TAKEOFF RWY 35C: CLIMB ON HEADING 356.26 TO INTERCEPT COURSE 346.40 TO CROSS HAZKL AT OR ABOVE 5000 AND AT OR BELOW 240 KIAS, THEN ON TRACK 277.02 TO TULUY, THEN ON TRACK 255.43 TO PGLET, THENCE ...

TAKEOFF RWY 35L: CLIMB ON HEADING 356.26 TO INTERCEPT COURSE 347.71 TO CROSS HAZKL AT OR ABOVE 5000 AND AT OR BELOW 240 KIAS, THEN ON TRACK 277.02 TO TULUY, THEN ON TRACK 255.43 TO PGLET, THENCE ...

TAKEOFF RWY 36L: CLIMB ON HEADING 356.25 TO 1120, THEN DIRECT HAZKL AT OR ABOVE 5000 AT OR BELOW 240 KIAS, THEN ON TRACK 277.02 TO TULUY, THEN ON TRACK 255.43 TO PGLET, THENCE ...

TAKEOFF RWY 36R: CLIMB ON HEADING 356.25 TO 1120, THEN DIRECT HAZKL AT OR ABOVE 5000 AT OR BELOW 240 KIAS, THEN ON TRACK 277.02 TO TULUY, THEN ON TRACK 255.43 TO PGLET, THENCE ...

...THENCE ON TRACK 290.05 TO MUTEE, THEN ON TRACK 289.86 TO EBRIZ, THEN ON TRACK 289.56 TO HUDAD. MAINTAIN 10000, EXPECT FILED ALTITUDE TEN MINUTES AFTER DEPARTURE.

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

...THENCE ON TRACK 290.05 TO MUTEE, THEN ON TRACK 289.86 TO EBRIZ, THEN ON TRACK 289.56 TO HUDAD. MAINTAIN 5000, EXPECT FILED ALTITUDE TEN 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>
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PBN REQUIREMENT NOTES:

RNAV 1 - DME/DME/IRU OR GPS

EQUIPMENT REQUIREMENT NOTES:

RADAR REQUIRED

PROCEDURAL DATA NOTES:

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.

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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HUDAD	THREE	HUDAD3.HUDAD	TWO	02/04/2016	

TAKEOFF OBSTACLES NOTES:

SEE FORM 8260-15A, TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP).

CONTROLLING OBSTACLES:**MSA:**

MSA FROM DFW, 3600.

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

AIRPORT MV: DFW 4E/2015.

DME/DME ASSESSMENT: SAT 2.0.

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.

AIRPORTS SERVED:

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

COMMUNICATIONS:

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

FIXES AND/OR NAVAIDS:

CHART: ALIAN, FUMED, HUDAD, KATZZ, LYNDE, MUTE, PGLET, RBBIT, ROOOO, RUFFS, WSTEX.

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.

WAIVER ON FILE TO NOT CHART IF ALTITUDE AT THE IF FOR RADAR VECTOR (RV) DEPARTURES.

PROCEDURE USES CG OF 500 FT/NM TO 1120 FOR LNAV ENGAGEMENT FOR ALL RWYS EXCEPT FOR 31L AND 31R, FOR AIRCRAFT TRAFFIC.

FLIGHT INSPECTED BY**SIGNATURE****OFFICE****DATE****DEVELOPED BY****SIGNATURE****OFFICE****DATE**

CORY SLANE

AJV-433

05/23/2025

APPROVED BY**SIGNATURE****OFFICE****DATE****TITLE**

ROBERT HAMILTON

AJV-433

MANAGER

REQUIRED EFFECTIVE DATE

ROUTINE



<u>DP NAME</u>	<u>NUMBER</u>	<u>DP COMPUTER CODE</u>	<u>SUPERSEDED NUMBER</u>	<u>DATED</u>	<u>ACTUAL EFFECTIVE DATE</u>
HUDAD	THREE	HUDAD3.HUDAD	TWO	02/04/2016	

COORDINATED WITH:

A4A ☒ **ALPA** ☒ **AOPA** ☒ **APA** ☒ **HAI** ☐ **NBAA** ☒ **OTHER:**ZFW, DFW ATCT, REGIONAL APP CON, AMGR

CHANGES - REASONS:

1. DP ROUTE DESCRIPTION: AMENDED TAKEOFF RWY 17C, 17R, AND 18R YAMEL CROSSING FROM "CROSS YAMEL AT OR ABOVE 5000" TO "CROSS YAMEL AT OR ABOVE 5000 AND AT OR BELOW 240 KIAS" - TO ANNOTATE AIRSPEED.
2. DP ROUTE DESCRIPTION: RWY 18L AMENDED INTERCEPT COURSE TO BPARK FROM "192.50" TO "192.52" AND AMENDED YAMEL CROSSING FROM " CROSS YAMEL AT OR ABOVE 5000" TO "CROSS YAMEL AT OR ABOVE 5000 AND AT OR BELOW 240 KIAS" - ADJUSTED COURSE FOR MINIMUM LEG LENGTH REQUIREMENT AND YAMEL AIRSPEED RESTRICTION.
3. DP ROUTE DESCRIPTION: RWY 35C AMENDED HEADING TO HAZKL FROM "346.42" TO "346.40" AND AMENDED HAZKL CROSSING FROM " CROSS HAZKL AT OR ABOVE 5000" TO "CROSS HAZKL AT OR ABOVE 5000 AND AT OR BELOW 240 KIAS" - ADJUSTED COURSE FOR MINIMUM LEG LENGTH REQUIREMENT AND YAMEL AIRSPEED RESTRICTION.
4. DP ROUTE DESCRIPTION: RWY 35L AMENDED HEADING TO HAZKL FROM "347.77" TO "347.71" AND AMENDED HAZKL CROSSING FROM " CROSS HAZKL AT OR ABOVE 5000" TO "CROSS HAZKL AT OR ABOVE 5000 AND AT OR BELOW 240 KIAS" - ADJUSTED COURSE FOR MINIMUM LEG LENGTH REQUIREMENT AND YAMEL AIRSPEED RESTRICTION.
5. DP ROUTE DESCRIPTION: AMENDED TAKEOFF RWY 36L AND 36R HAZKL CROSSING FROM "CROSS HAZKL AT OR ABOVE 5000" TO "CROSS HAZKL AT OR ABOVE 5000 AND AT OR BELOW 240 KIAS" - TO ANNOTATE AIRSPEED.
6. DP ROUTE DESCRIPTION: AMENDED COMMON ROUTE COURSE FROM " ...ON TRACK 290.05 TO MUTEE, THEN ON TRACK 289.86 TO HUDAD." TO "...THENCE ON TRACK 290.05 TO MUTEE, THEN ON TRACK 289.86 TO EBRIZ, THEN ON TRACK 289.56 TO HUDAD." - ADDED EBRIZ PER ATC FOR AIRCRAFT OPERATIONS.
7. PBN REQUIREMENT NOTES: ADDED "RNAV 1 - DME/DME/IRU OR GPS" AND REMOVED TWO NOTES "DME/DME/IRU OR GPS REQUIRED" AND "RNAV 1" FROM PROCEDURAL DATA NOTES. - IAW 8260.46K APPENDIX E, SECTION 1, 2E.
8. EQUIPMENT REQUIREMENT NOTES: RELOCATED "RADAR REQUIRED" FROM PROCEDURAL DATA NOTES. - IAW 8260.46K APPENDIX E, SECTION 1, 2F.
9. TAKEOFF OBSTACLE NOTES: REMOVED "NOTE: 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." AND ADDED "SEE FORM 8260-15A, TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)." - IAW IAW 8260.46K APPENDIX E, SECTION 1, 2I.
10. MSA: ADD "MSA FROM DFW, 3600." - IAW IAW 8260.46K APPENDIX E, SECTION 1, 2K.
11. ADDITIONAL FLIGHT DATA: REMOVED "CHART: MEA/MOCA FROM PGLET TO MUTEE 10000/3600, MUTEE TO HUDAD 10000/3000" AND "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), AND MINIMUM ALTITUDE - 9000." - NO LONGER IN CRITERIA.
12. ADDITIONAL FLIGHT DATA: ADDED "WAIVER ON FILE TO NOT CHART IF ALTITUDE AT THE IF FOR RADAR VECTOR (RV) DEPARTURES." - DUE TO HUDAD THREE CONSTRUCTION.
13. REMARKS: ADDED "PROCEDURE USES CG OF 500 FT/NM TO 1120 FOR LNAV ENGAGEMENT FOR ALL RWYS EXCEPT FOR 31L AND 31R, FOR AIRCRAFT TRAFFIC." - TO REFLECT CURRENT PROCEDURE DESIGN.



**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
DEPARTURE (DATA RECORD)**

DP NAME				NUMBER		DP COMPUTER CODE		SUPERSEDED NUMBER		DATED		ACTUAL EFFECTIVE DATE	
HUDAD				THREE		HUDAD3.HUDAD		TWO		02/04/2016			
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS				
RW17C (AER)	325456.54N/0970133.51W	N		-	-	-							
-	325136.31N/0970134.58W	-	-	VI	180.26	3.33			CG 500 FT/NM TO 1120.				
BPARK	324631.76N/0970451.51W	Y	FB	CF	208.62	5.77							
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	-	-	-	-							
-	325136.33N/0970148.65W	-	-	VI	180.26	3.33			CG 500 FT/NM TO 1120.				
BPARK	324631.76N/0970451.51W	Y	FB	CF	206.87	5.68							
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	-	-	-	-							
-	325138.62N/0970303.67W	-	-	VI	180.25	3.30			CG 500 FT/NM TO 1120.				
BPARK	324631.76N/0970451.51W	Y	FB	CF	196.52	5.32							
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/0970316.72W	N	-	-	-	-							

QUALITY
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QUALITY
23
CHECKED

<u>DP NAME</u>		<u>NUMBER</u>		<u>DP COMPUTER CODE</u>		<u>SUPERSEDED NUMBER</u>		<u>DATED</u>	<u>ACTUAL EFFECTIVE DATE</u>
HUDAD		THREE		HUDAD3.HUDAD		TWO		02/04/2016	
<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>
-	325107.32N/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			
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/0970347.80W	N	-	-	-	-			
-	-	-	-	VM	319.06	-			
PGLET	325923.62N/0974359.79W	Y	FB	DF	-	-			
RW31R (AER)	325341.93N/0970003.04W	-	-	-	-	-			
-	-	-	-	VM	315.28	-			
PGLET	325923.62N/0974359.79W	Y	FB	DF	-	-			
RW35C (AER)	325243.96N/0970134.22W	N	-	-	-	-			
-	325604.28N/0970133.15W	-	-	VI	000.26	3.33			CG 500 FT/NM TO 1120.
HAZKL	330415.04N/0970311.58W	Y	FB	CF	350.40	8.28	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			
RW35L (AER)	325244.02N/0970148.29W	N	-	-	-	-			
-	325606.72N/0970317.40W	-	-	VI	000.26	3.37			CG 500 FT/NM TO 1120.
HAZKL	330415.04N/0970311.58W	Y	FB	CF	351.71	8.21	AT/ABOVE 5000	AT/BELOW 240K	
TULUY	330505.30N/0970818.66W	Y	FB	TF	281.02	4.38			



DP NAME		NUMBER					DP COMPUTER CODE		SUPERSEDED NUMBER		DATED		ACTUAL EFFECTIVE DATE	
HUDAD		THREE					HUDAD3.HUDAD		TWO		02/04/2016			
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS					
PGLET	325923.62N/0974359.79W	Y	FB	TF	259.43	30.53								
RW36L (AER)	325244.35N/0970317.40W	N	-	-	-	-								
1120 MSL	-	-	-	VA	000.25	-	AT/ABOVE 1120		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	-	AT/ABOVE 1120		CG 500 FT/NM TO 1120.					
HAZKL	330415.04N/0970311.58W	Y	FB	DF	-	-	AT/ABOVE 5000	AT/BELOW						
TULUY	330505.30N/0970818.66W	Y	FB	TF	281.02	4.38								
PGLET	325923.62N/0974359.79W	Y	FB	TF	269.43	30.53								
PGLET	325923.62N/0974359.79W	Y	-	IF	-	-								
MUTEE	331031.45N/0981348.54W	Y	FB	TF	294.05	27.40								
EBRIZ	332232.68N/0984623.36W	Y	FB	TF	293.86	29.83								
HUDAD	333652.04N/0992555.62W	Y	FB	TF	293.56	36.02								