

**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SUPERSEDED NUMBER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>
AKUNA (RNAV)	EIGHT	AKUNA8.AKUNA	SEVEN	03/29/2018	
<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 157.17 TO SPERA, THEN ON TRACK 106.51 TO CROSS JGIRL AT OR ABOVE 5000 AND AT OR BELOW 240 KIAS, THEN ON DEPICTED ROUTE TO AKUNA, THENCE...

TAKEOFF RWY 17R: CLIMB ON HEADING 176.26 TO INTERCEPT COURSE 155.02 TO SPERA, THEN ON TRACK 106.51 TO CROSS JGIRL AT OR ABOVE 5000 AND AT OR BELOW 240 KIAS, THEN ON DEPICTED ROUTE TO AKUNA, THENCE...

TAKEOFF RWY 18L: CLIMB ON HEADING 176.25 TO INTERCEPT COURSE 192.50 TO BPARK, THEN ON TRACK 254.87 TO CROSS YAMEL AT OR ABOVE 5000 AND AT OR BELOW 240 KIAS, THEN ON DEPICTED ROUTE TO AKUNA, 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 DEPICTED ROUTE TO AKUNA, THENCE...

TAKEOFF RWY 35C: CLIMB ON HEADING 356.26 TO 1120, THEN DIRECT CUZEN, CROSS CUZEN AT OR ABOVE 5000 AND AT OR BELOW 240 KIAS, THEN ON TRACK 020.35 TO CROSS ITTTT AT OR ABOVE 6000, THEN ON DEPICTED ROUTE TO AKUNA, THENCE...

TAKEOFF RWY 35L: CLIMB ON HEADING 356.26 TO 1120, THEN DIRECT CUZEN, CROSS CUZEN AT OR ABOVE 5000 AND AT OR BELOW 240 KIAS, THEN ON TRACK 020.35 TO CROSS ITTTT AT OR ABOVE 6000, THEN ON DEPICTED ROUTE TO AKUNA, THENCE...

TAKEOFF RWY 36L: CLIMB ON HEADING 356.25 TO 1120, THEN DIRECT HAZKL, CROSS HAZKL AT OR ABOVE 5000 AND AT OR BELOW 240 KIAS, THEN ON TRACK 348.87 TO CROSS RYNNE AT OR ABOVE 7000, THEN ON DEPICTED ROUTE TO AKUNA, THENCE...

TAKEOFF RWY 36R: CLIMB ON HEADING 356.25 TO 1120, THEN DIRECT HAZKL, CROSS HAZKL AT OR ABOVE 5000 AND AT OR BELOW 240 KIAS, THEN ON TRACK 348.87 TO CROSS RYNNE AT OR ABOVE 7000, THEN ON DEPICTED ROUTE TO AKUNA, THENCE...

... ON (TRANSITION) MAINTAIN 10000. EXPECT FILED ALTITUDE 10 MINUTES AFTER DEPARTURE.

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

... ON (TRANSITION) MAINTAIN 5000. 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>
MC ALESTER	AKUNA8.MLC	AKUNA	TIKYS	TRACK 024.19	41.90	17400	3800	
		TIKYS	MLC DME	TRACK 030.08	56.73	FL180	2600	

PROCEDURAL DATA NOTES:

NOTE: DME/DME/IRU OR GPS REQUIRED.

NOTE: RNAV 1.

NOTE: FOR USE BY TURBOJET AIRCRAFT ONLY.

NOTE: PROPS FILE AND EXPECT JACKY OR TRI-GATE 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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AKUNA (RNAV)	EIGHT	AKUNA8.AKUNA	SEVEN	03/29/2018	

TAKEOFF OBSTACLES NOTES:

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

CONTROLLING OBSTACLES:

LOST COMMUNICATIONS PROCEDURES:

ADDITIONAL FLIGHT DATA:

REFERENCE MAG VAR: KDFW 4E EPOCH YEAR: 2015

DME/DME ASSESSMENT: SAT (RNP 2.0)

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

PILOT NAVIGATION AREA:

7 NM ARC CENTERED ON AKUNA (IF), CW
FROM: POINT A (BEARING 339 DEGREES TO AKUNA)
TO: POINT B (BEARING 069 DEGREES TO AKUNA)
MINIMUM ALTITUDE – 9000

AIRPORTS SERVED:

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

COMMUNICATIONS:

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

FIXES AND/OR NAVAIDS:

CHART: LOWGN, BLECO, GRABE.

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).
ABBREVIATED AMENDMENT. THIS AMENDMENT DOES NOT QUALIFY AS A PERIODIC REVIEW.

FLIGHT INSPECTED BY

PROCESSED IAW AIRCRAFT OPERATIONS GROUP (AJW-33) MEMO, OCOTBER 3, 2018, SUBJECT: FLIGHT INSPECTION REVIEW NOT REQUIRED.

OFFICE

DATE

Digitally signed by
ALLAN WILL
May 01, 2020

DEVELOPED BY

TOMMY BYRNS

Digitally signed by
TOMMY BYRNS
May 01, 2020

OFFICE

AJV-A423

DATE

02/18/2020

APPROVED BY

MARLON ROBINSON

OFFICE

AJV-A420

DATE

Digitally signed by
ALLAN WILL
May 01, 2020

TITLE

MANAGER

REQUIRED EFFECTIVE DATE

ROUTINE

COORDINATED WITH:



<u>DP NAME</u>	<u>NUMBER</u>	<u>DP COMPUTER CODE</u>	<u>SUPERSEDED NUMBER</u>	<u>DATED</u>	<u>ACTUAL EFFECTIVE DATE</u>
AKUNA (RNAV)	EIGHT	AKUNA8.AKUNA	SEVEN	03/29/2018	

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

CHANGES - REASONS:

1. CHANGED DUE TO THE DECOMMISSIONING OF THE MLC VORTAC. THE DME PORTION OF THE TACAN WILL BE RETAINED IN PLACE.
2. CHANGED "CLIMB HEADING" TO "CLIMB ON HEADING" FOR ALL AIRPORTS IN DP ROUTE DESCRIPTION. - IAW 8260-46G, 1-1-1A(3).
3. CHANGED "MC ALESTER TRANSITION: FOR AIRCRAFT OVERFLYING MLC VORTAC OR RINTERCEPTING J105" TO "MC ALESTER TRANSITION: FOR AIRCRAFT OVERFLYING MLC DME OR INTERCEPTING J105". - MLC VOR DECOMMISSIONED. DME RETAINED.
4. REMOVED TAKEOFF OBSTACLE NOTES AND ADDED "SEE FORM 8260-15A, TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)." - IAW 8260.46G.
5. ADDED CPDLC TO COMMUNICATIONS. - UPDATED FROM CHART SUPPLEMENTAL FILE.

05/01/20: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 04/13/2020.

1. REMOVED NOTE: MC ALESTER TRANSITION: FOR AIRCRAFT OVERFLYING MLC DME OR INTERCEPTING J105.



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

DP NAME					NUMBER	DP COMPUTER CODE	SUPERSEDED NUMBER	DATED	ACTUAL EFFECTIVE DATE
AKUNA (RNAV)					EIGHT	AKUNA8.AKUNA	SEVEN	03/29/2018	
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	
SPERA	24657.75N/0965942.05W	Y	FB	CF	161.17	4.90			
JGIRL	324554.36N/0965621.63W	Y	FB	TF	110.51	3.01	AT/ABOVE 5000	AT/BELOW 240K	
CORTS	324607.65N/0964953.59W	Y	FB	TF	087.65	5.46			
BIGGD	325131.59N/0964833.10W	Y	FB	TF	011.84	5.51			
CMORE	325916.66N/0964832.49W	Y	FB	TF	000.06	7.74			
AKUNA	332702.48N/0964923.30W	Y	FB	TF	358.54	27.72			
RW17R (AER)	325456.60N/0970147.58W	N	-	-	-	-			
	325136.69N/0970148.65W	-	-	VI	180.26	3.33		CG 500 FT/NM TO 1120.	
SPERA	324657.75N/0965942.05W	Y	FB	TF	159.02	4.97			
JGIRL	324554.36N/0965621.63W	Y	FB	TF	110.51	3.01	AT/ABOVE 5000	AT/BELOW 240K	
CORTS	324607.65N/0964953.59W	Y	FB	TF	087.65	5.46			
BIGGD	325131.59N/0964833.10W	Y	FB	TF	011.84	5.51			
CMORE	325916.66N/0964832.49W	Y	FB	TF	000.06	7.74			
AKUNA	332702.48N/0964923.30W	Y	FB	TF	358.54	27.72			
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			
YAMEL	324555.70N/0970828.05W	Y	FB	TF	258.87	3.10	AT/ABOVE 5000	AT/BELOW 240K	

QUALITY
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QUALITY
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CHECKED

DP NAME		NUMBER					DP COMPUTER CODE		SUPERSEDED NUMBER		DATED		ACTUAL EFFECTIVE DATE	
AKUNA (RNAV)		EIGHT					AKUNA8.AKUNA		SEVEN		03/29/2018			
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS					
FIRMN	324617.77N/0971428.77W	Y	FB	TF	274.17	5.08								
BINGM	325027.25N/0971627.44W	Y	FB	TF	338.12	4.47								
BEMMR	330006.19N/0971613.39W	Y	FB	TF	001.17	9.63								
AKUNA	332702.48N/0964923.30W	Y	FB	TF	039.81	35.07								
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								
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								
BINGM	325027.25N/0971627.44W	Y	FB	TF	338.12	4.47								
BEMMR	330006.19N/0971613.39W	Y	FB	TF	001.17	9.63								
AKUNA	332702.48N/0964923.30W	Y	FB	TF	039.81	35.07								
RW31L (AER)	325324.97N/0970347.79W	N	-	-	-	-								
		-	-	VM	319.06	-								
AKUNA	332702.48N/0964923.30W	Y	FB	DF	-	-								
RW31R (AER)	325341.93N/0970003.04W	N	-	-	-	-								
		-	-	VM	315.28	-								
AKUNA	332702.48N/0964923.30W	Y	FB	DF	-	-								
RW35C (AER)	325243.96N/0970134.22W	N	-	-	-	-								
1120 MSL		-	-	VA	000.26	-	AT/ABOVE 1120		CG 500 FT/NM TO 1120.					

QUALITY

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AKUNA (RNAV)		EIGHT		AKUNA8.AKUNA		SEVEN		03/29/2018	
<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>
CUZEN	330439.55N/0970130.12W	Y	FB	DF	-	-	AT/ABOVE 5000	AT/BELOW 240K	
ITTTT	330735.25N/0965955.61W	Y	FB	TF	024.35	3.21	AT/ABOVE 6000		
AKUNA	332702.48N/0964923.30W	Y	FB	TF	024.42	21.33			
RW35L (AER)	325244.02N/0970148.29W	N	-	-	-	-			
1120 MSL		-	-	VA	000.26	-	AT/ABOVE 1120		CG 500 FT/NM TO 1120.
CUZEN	330439.55N/0970130.12W	Y	FB	DF	-	-	AT/ABOVE 5000	AT/BELOW 240K	
ITTTT	330735.25N/0965955.61W	Y	FB	TF	024.35	3.21	AT/ABOVE 6000		
AKUNA	332702.48N/0964923.30W	Y	FB	TF	024.42	21.33			
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	
RYNNE	330913.30N/0970355.92W	Y	FB	TF	352.87	5.00	AT/ABOVE 7000		
AKUNA	332702.48N/0964923.30W	Y	FB	TF	034.36	21.56			
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 240K	
RYNNE	330913.30N/0970355.92W	Y	FB	TF	352.87	5.00	AT/ABOVE 7000		
AKUNA	332702.48N/0964923.30W	Y	FB	TF	034.36	21.56			
AKUNA	332702.48N/0964923.30W	Y	-	IF	-	-		AKUNA8.MLC	
TIKYS	340359.93N/0962533.53W	Y	FB	TF	028.19	41.90			



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AKUNA (RNAV)		EIGHT		AKUNA8.AKUNA		SEVEN		03/29/2018	
<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>
MLC DME	345057.99N/0954656.44W	Y	FB	TF	034.08	56.73			