

**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SUPERSEDED NUMBER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>
KRUMM	NINE	KRUMM9.FUZ	EIGHT	12/05/2019	31 DEC 2020

<u>TYPE:</u>	<u>OBSTACLE</u>	<u>COPTER</u>	<u>SID</u>	<u>SPECIAL</u>	<u>RNAV</u>
	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**THIS IS A CORRECTED COPY OF THIS PROCEDURE
PREVIOUSLY PUBLISHED IN NFDD #200.**

DP ROUTE DESCRIPTION:

TAKEOFF RWY 13R - TURN RIGHT ON HEADING 163.00 NOT LATER THAN 0.7 DME OUTBOUND ON THE I-DPX LOCALIZER SOUTHEAST COURSE, TO INTERCEPT AND CLIMB ON THE CVE R-139 AND EXPECT VECTORS TO APPROPRIATE ROUTE, UNLESS OTHERWISE ADVISED MAINTAIN 5000 AND 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>
ARDMORE	KRUMM9.ADM	FUZ VORTAC	LOWGN	348.00 (FUZ R-348)	33.80			
		LOWGN	ADM VORTAC	359.00 (ADM R-179)	45.75	4000		
BLECO	KRUMM9.BLECO	FUZ VORTAC	BLECO	360.00 (FUZ R-360)	33.80			
EAKER	KRUMM9.EAKER	FUZ VORTAC	GRABE	012.00 (FUZ R-012)	35.40			
		GRABE	EAKER	012.00 (FUZ R-012)	54.60	9000		
GRABE	KRUMM9.GRABE	FUZ VORTAC	GRABE	012.00 (FUZ R-012)	35.40			
OKMULGEE	KRUMM9.OKM	FUZ VORTAC	GRABE	012.00 (FUZ R-012)	35.40			
		GRABE	EAKER	012.00 (FUZ R-012)	54.60	9000		
		EAKER	OKM VOR DME	016.49 (OKM R-196)	90.40	11000		
ROLLS	KRUMM9.ROLLS	FUZ VORTAC	LOWGN	348.00 (FUZ R-348)	33.80			
		LOWGN	ADM VORTAC	359.00 (ADM R-179)	45.75	4000		
		ADM VORTAC	ROLLS	303.22 (ADM R-303)	145.20	15000		
TULSA	KRUMM9.TUL	FUZ VORTAC	BLECO	360.00 (FUZ R-360)	33.80			
		BLECO	ZEMMA	360.00 (FUZ R-360)	56.20			
		ZEMMA	TUL VORTAC	020.88 (TUL R-201)	123.58	13000		
WILL ROGERS	KRUMM9.IRW	FUZ VORTAC	BLECO	360.00 (FUZ R-360)	33.80			
		BELCO	ZEMMA	360.00 (FUZ R-360)	56.20			

**QUALITY
18
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SUPERSEDED NUMBER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>
KRUMM	NINE	KRUMM9.FUZ	EIGHT	12/05/2019	31 DEC 2020
	ZEMMA	IRW VORTAC	325.00 (IRW R-145)	65.91	
ZEMMA	KRUMM9.ZEMMA	FUZ VORTAC	BLECO	360.00 (FUZ R-360)	33.80
	BLECO	ZEMMA	360.00 (FUZ R-360)	56.20	

PROCEDURAL DATA NOTES:

THIS DP IS TO BE USED ONLY UPON ASSIGNMENT BY LOVE TOWER NORMALLY BETWEEN 2100-0600 LCL TIME. DME REQUIRED.

ROLLS TRANSITION: FOR ALL AIRCRAFT PROCEEDING NORTHWEST BOUND ON J52.

WILL ROGERS TRANSITION: FOR ALL AIRCRAFT INBOUND TO THE OKLAHOMA CITY AREA OR OVERFLYING IRW VORTAC.

TULSA TRANSITION: FOR ALL AIRCRAFT OVERFLYING TUL VORTAC.

OKMULGEE TRANSITION: FOR ALL AIRCRAFT OVERFLYING OKM VOR/DME PROCEEDING ON J181 BDF VORTAC PROCEEDING TO DESTINATIONS IN THE CHICAGO TERMINAL AREA AND NORTH.

BLECO TRANSITION: ATC ASSIGNED.

GRABE TRANSITION: ATC ASSIGNED.

EAKER TRANSITION: FOR AIRCRAFT INBOUND TO THE TULSA TERMINAL AREA.

ZEMMA TRANSITION: ATC ASSIGNED.

TAKEOFF MINIMUMS:

RWY 13R: STANDARD WITH MINIMUM CLIMB OF 482 FT PER NM TO 1700.

TAKEOFF OBSTACLES NOTES:

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

CONTROLLING OBSTACLES:

RWY 13R: 1368 FT MSL BLDG (48-004928) 324648.00N/0964814.00W.

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

CHART: TOP ALTITUDE: 5000

REFERENCE MAG VAR: KDAL 3E EPOCH YR 2020

AIRPORTS SERVED:

<u>AIRPORT NAME</u>	<u>AIRPORT ID</u>	<u>CITY</u>	<u>STATE</u>
DALLAS-LOVE FIELD	KDAL	DALLAS	TX

COMMUNICATIONS:

DAL ATLS, DAL CLNC DEL. DAL GND CON, DAL TWR, REGIONAL DEP CON 118.55/290.35

FIXES AND/OR NAVAIDS:

CHART: BYP VORTAC, MRMAC

REMARKS:

ABBREVIATED AMENDMENT.



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KRUMM	NINE	KRUMM9.FUZ	EIGHT	12/05/2019	31 DEC 2020

FLIGHT INSPECTED BY

Processed IAW Aircraft Operations Group (AJF-10) Memo, April 29, 2020
Subject: Flight Inspection Review Not Required.

Digitally signed by **OFFICE** **DATE**
WARDELL HENNING

Oct 30, 2020

DEVELOPED BY

WARDELL HENNING (LORRI DOWNEY)

Digitally signed by **OFFICE** **DATE**
WARDELL HENNING AJV-A432 07/08/2020
Oct 30, 2020

APPROVED BY

LONNIE EVERHART

Digitally signed by
WARDELL HENNING
Oct 30, 2020

OFFICE **DATE** **TITLE**
AJV-A430 MANAGER

REQUIRED EFFECTIVE DATE

ROUTINE

COORDINATED WITH:

A4A ☒ **ALPA** ☒ **AOPA** ☒ **APA** ☒ **HAI** ☐ **NBAA** ☒ **OTHER:** ZFW, RGNL APP CON, DAL ATCT, AMGR.

CHANGES - REASONS:

1. DP ROUTE DESCRIPTION: CHANGED INITIAL CLIMB INSTRUCTION FROM "CLIMB HEADING" TO "CLIMB ON HEADING" - PER 8260.46G PARA 1-1-5A(3).
2. PROCEDURAL DATA NOTES: CHANGED TWO INSTANCES OF "VIA" WITH "ON" IN ROLLS AND OKMULGEE TRANSITION NOTES - STANDARDIZED WORKING.
3. FIXES AND/OR NAVAIDS: REMOVED CHARTED NAVAID URH VOR/DME - VORMON DECOMMISSIONING.

10/28/2020: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 09/11/2020.

1. REMOVED CHARTED OBSTACLES: 1368 BLDG 324648/964814 (3.80 NM FROM DEPARTURE END RWY 13R), 1075 BLDG 324820/964733 (3.09 NM FROM DEPARTURE END RWY 13R), AND 1194 BLDG 324717/964748 (3.63 NM FROM DEPARTURE END RWY 13R) FROM ADDITIONAL FLIGHT DATA - PER 8260.19H 8-6-10.

QUALITY
18
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