

**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SUPERSEDED NUMBER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>
TULSA	NINE	TUL9.TUL	EIGHT	03/26/2020	02 DEC 2021

<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"/>

DP ROUTE DESCRIPTION:

KRVS:
TAKEOFF RWY 1L, 1R: CLIMB ON HEADING 010.34 TO 1500, THENCE...
TAKEOFF RWY 13: CLIMB ON HEADING 130.05 TO 1500, THENCE...
TAKEOFF RWY 19L, 19R: CLIMB ON HEADING 190.34 TO 1500, THENCE...
TAKEOFF RWY 31: CLIMB ON HEADING 295.05 TO 1500, THENCE...

...CONTINUE ON ASSIGNED HEADING FOR RADAR VECTORS TO ASSIGNED ROUTE, MAINTAIN 15000 OR ASSIGNED LOWER ALTITUDE, EXPECT FURTHER CLEARANCE TO FILED ALTITUDE 10 MINUTES AFTER DEPARTURE.

KTUL:
TAKEOFF RWY 18L, 18R: CLIMB ON HEADING 180.09 TO 1100, THENCE...
TAKEOFF RWY 36L: CLIMB ON HEADING 000.08 TO 1100, THENCE...
TAKEOFF RWY 36R: CLIMB ON HEADING 000.09 TO 1100, THENCE...
TAKEOFF RWY 8: CLIMB ON HEADING 086.42 TO 1100, THENCE...
TAKEOFF RWY 26: CLIMB ON HEADING 266.44 TO 1100, THENCE...

...CONTINUE ON ASSIGNED HEADING FOR RADAR VECTORS TO ASSIGNED ROUTE, MAINTAIN 15000 OR ASSIGNED LOWER ALTITUDE, EXPECT FURTHER CLEARANCE TO 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>
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PROCEDURAL DATA NOTES:

TAKEOFF MINIMUMS:

KRVS:
 RWY 1L, 1R, 19L, 19R: STANDARD.
 RWY 13: 300-3 OR STANDARD WITH MINIMUM CLIMB OF 330 FT PER NM TO 1000.
 RWY 31: 400-2 1/4, OR 300-1 WITH MINIMUM CLIMB OF 315 FT PER NM TO 1100, OR STANDARD WITH MINIMUM CLIMB OF 610 FT PER NM TO 900.

KTUL:
 RWY 8, 18L, 18R, 36L, 36R: STANDARD.
 RWY 26: STANDARD WITH MINIMUM CLIMB OF 225 FT PER NM TO 2900

TAKEOFF OBSTACLES NOTES:

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

CONTROLLING OBSTACLES:

KRVS
RWY 1L, 1R, 19L, 19R: 1323 FT MSL TOWER 360235.00N/0955714.00W (CLIMB-TO ALTITUDE).
RWY 13: 788 FT MSL POLE 360144.89N/0955741.44W (CG/CGTA), 829 FT MSL TREE 360052.55N/0955609.15W (CEILING/VISIBILITY), 1323 FT MSL TOWER 360235.00N/0955714.00W (CLIMB-TO ALTITUDE).



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TULSA	NINE	TUL9.TUL	EIGHT	03/26/2020	02 DEC 2021

RWY 31: 799 FT MSL TREE 360243.53N/0955947.04W (300-1 CEILING/VISIBILITY), 939 FT MSL TREE 360319.18N/0960031.42W (400 FT CEILING, 315 FT PER NM TO 1100 CG/CGTA), 909 FT MSL TREE 360358.82N/0960030.57W (2 1/4 SM VISIBILITY), 799 FT MSL TREE 360231.75N/0955945.20W (610 FT PER NM TO 900 CG/CGTA), 1323 FT MSL TOWER 360235.00N/0955714.00W (CLIMB-TO ALTITUDE).

KTUL:

RWY 26: 2303 FT MSL TOWER 361146.52N/0960552.96W CG/CGTA.

LOST COMMUNICATIONS PROCEDURES:

PROCEED TO AND HOLD EAST OF TUL VORTAC ON THE 080 RADIAL. CLIMB TO 15000 FEET OR LOWER REQUESTED ALTITUDE, THEN PROCEED ON COURSE ON FILED ROUTE. CLIMB TO REQUESTED ALTITUDE WHEN ESTABLISHED ON COURSE

ADDITIONAL FLIGHT DATA:

ADDITIONAL FLIGHT DATA:

CHART: HOLDING PATTERN AT TUL VORTAC, HOLD E, RT, 260.00 INBOUND.

REFERENCE MAG VAR: KRVS 3E EPOCH YR 2020.

CHART: TOP ALTITUDE: 15000.

AIRPORTS SERVED:

<u>AIRPORT NAME</u>	<u>AIRPORT ID</u>	<u>CITY</u>	<u>STATE</u>
TULSA INTL	KTUL	TULSA	OK
RICHARD LLOYD JONES JR	KRVS	TULSA	OK

COMMUNICATIONS:

ATIS, RIVERSIDE TOWER, CLNC DEL, TUL DEP CON, TULSA INTL TOWER, CTAF

FIXES AND/OR NAVAIDS:

CHART: CNU VOR/DME, FAM VORTAC, SGF VORTAC, RZC VORTAC, FSM VORTAC, BVO VOR/DME, IRW VORTAC, ADM VORTAC, TTT VOR/DME.

REMARKS:

ABBREVIATED AMENDMENT

APPROVAL LETTER ON FILE PERMITTING 610 FOOT PER NM CLIMB GRADIENT FOR KRVS RWY 31 ODP.

FLIGHT INSPECTED BY

PROCESSED IAW AIRCRAFT OPERATIONS GROUP (AJF-10) MEMO, APRIL 29, 2020
SUBJECT: FLIGHT INSPECTION REVIEW NOT REQUIRED.

Digitally signed by

JOHN BORDY

Aug 03, 2021

OFFICE

DATE

DEVELOPED BY

WILLIAM D. MELTON

Digitally signed by

WILLIAM D MELTON

Jun 14, 2021

OFFICE

DATE

AJV-A422

06/09/2021

APPROVED BY

MARLON J. ROBINSON

Digitally signed by

JOHN BORDY

Aug 03, 2021

OFFICE

DATE

TITLE

AJV-A420

MANAGER

REQUIRED EFFECTIVE DATE

ROUTINE

COORDINATED WITH:

A4A **ALPA** **AOPA** **APA** **HAI** **NBAA** **OTHER:** ZKC, RVS ATCT, TUL APP CON, AGMR

CHANGES - REASONS:

1. DELETED EOS VOR/DME FROM CHARTED NAVAIDS

08/03/2021: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 06/25/2021: DELETED IFI VORTAC FROM CHARTED NAVAIDS - FPT REQUEST

