

**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SUPERSEDED NUMBER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>
KRMSN	FOUR	KRMSN4.KRMSN	THREE	12/07/2017	07 OCT 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 checked="" type="checkbox"/>

**DP ROUTE DESCRIPTION:
WILL ROGERS WORLD (KOKC)**

TAKEOFF RWY 13: CLIMB ON HEADING 131.06 TO 1800, THEN RIGHT TURN HEADING 176.00 OR AS ASSIGNED BY ATC, EXPECT RADAR VECTORS TO CROSS SWTZR AT OR ABOVE 4200, THENCE...
TAKEOFF RWY 17L/17R: CLIMB ON HEADING 175.96 TO 1800, THEN HEADING 176.00 OR AS ASSIGNED BY ATC, EXPECT RADAR VECTORS TO CROSS SWTZR AT OR ABOVE 4200, THENCE...
TAKEOFF RWY 18: CLIMB ON HEADING 175.97 TO 1800, THEN HEADING 176.00 OR AS ASSIGNED BY ATC, EXPECT RADAR VECTORS TO CROSS SWTZR AT OR ABOVE 4200, THENCE...
TAKEOFF RWY 31: CLIMB ON HEADING 311.07 TO 1800, THEN RIGHT TURN HEADING 011.00 OR AS ASSIGNED BY ATC, EXPECT RADAR VECTORS TO CROSS SWTZR AT OR ABOVE 4200, THENCE...
TAKEOFF RWY 35L/35R: CLIMB ON HEADING 355.96 TO 1800, THEN RIGHT TURN HEADING 011.00 OR AS ASSIGNED BY ATC, EXPECT RADAR VECTORS TO CROSS SWTZR AT OR ABOVE 4200, THENCE...
TAKEOFF RWY 36: CLIMB ON HEADING 355.97 TO 1800, THEN RIGHT TURN HEADING 011.00 OR AS ASSIGNED BY ATC, EXPECT RADAR VECTORS TO CROSS SWTZR AT OR ABOVE 4200, THENCE...
 ...ON TRACK 136.07 TO KRMSN, THEN ON (TRANSITION). MAINTAIN ATC ASSIGNED ALTITUDE. EXPECT FILED ALTITUDE 10 MINUTES AFTER DEPARTURE.

WILEY POST (KPWA)

TAKEOFF RWY 13: CLIMB ON HEADING 130.95 TO 1800, THEN RIGHT TURN HEADING 201.00 OR AS ASSIGNED BY ATC, EXPECT RADAR VECTORS TO CROSS SWTZR AT OR ABOVE 4200, THENCE...
TAKEOFF RWY 17L: CLIMB ON HEADING 175.99 TO 1800, THEN RIGHT TURN HEADING 201.00 OR AS ASSIGNED BY ATC, EXPECT RADAR VECTORS TO CROSS SWTZR AT OR ABOVE 4200, THENCE...
TAKEOFF RWY 17R: CLIMB ON HEADING 176.00 TO 1800, THEN RIGHT TURN HEADING 201.00 OR AS ASSIGNED BY ATC, EXPECT RADAR VECTORS TO CROSS SWTZR AT OR ABOVE 4200, THENCE...
TAKEOFF RWY 31: CLIMB ON HEADING 310.95 TO 1800, THEN RIGHT TURN HEADING 011.00 OR AS ASSIGNED BY ATC, EXPECT RADAR VECTORS TO CROSS SWTZR AT OR ABOVE 4200, THENCE...
TAKEOFF RWY 35L: CLIMB ON HEADING 356.00 TO 1800, THEN HEADING 011.00 OR AS ASSIGNED BY ATC, EXPECT RADAR VECTORS TO CROSS SWTZR AT OR ABOVE 4200, THENCE...
TAKEOFF RWY 35R: CLIMB ON HEADING 355.99 TO 1800, THEN RIGHT TURN HEADING 011.00 OR AS ASSIGNED BY ATC, EXPECT RADAR VECTORS TO CROSS SWTZR AT OR ABOVE 4200, THENCE...

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TAKEOFF RWY 3: CLIMB ON HEADING 032.21 TO 1700, THEN LEFT TURN HEADING 356.00 OR AS ASSIGNED BY ATC, EXPECT RADAR VECTORS TO CROSS SWTZR AT OR ABOVE 4200, THENCE...
TAKEOFF RWY 18: CLIMB ON HEADING 175.66 TO 1700, THEN HEADING 176.00 OR AS ASSIGNED BY ATC, EXPECT RADAR VECTORS TO CROSS SWTZR AT OR ABOVE 4200, THENCE...
TAKEOFF RWY 21: CLIMB ON HEADING 212.22 TO 1700, THEN LEFT TURN HEADING 176.00 OR AS ASSIGNED BY ATC, EXPECT RADAR VECTORS TO CROSS SWTZR AT OR ABOVE 4200, THENCE...
TAKEOFF RWY 36: CLIMB ON HEADING 355.66 TO 1700, THEN HEADING 356.00 OR AS ASSIGNED BY ATC, EXPECT RADAR VECTORS TO CROSS SWTZR AT OR ABOVE 4200, THENCE...

...ON TRACK 136.07 TO KRMSN, THEN ON (TRANSITION). MAINTAIN ATC ASSIGNED ALTITUDE. 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>
WICKS	KRMSN4.WICKS	KRMSN	WICKS	TRACK 136.11	29.96	6000	2800	

PROCEDURAL DATA NOTES:

- NOTE: RADAR REQUIRED.
- NOTE: DME/DME/IRU OR GPS REQUIRED.
- NOTE: RNAV 1.

TAKEOFF MINIMUMS:

WILL ROGERS WORLD (KOKC)
RWY 13, 17L, 17R, 18, 31, 35L, 35R, 36: STANDARD WITH MINIMUM CLIMB OF 500 FT PER NM TO 1800.



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WILEY POST (KPWA)

RWY 13, 17L, 17R, 31, 35L, 35R: STANDARD WITH MINIMUM CLIMB OF 500 FT PER NM TO 2100.

UNIVERSITY OF OKLAHOMA WESTHEIMER (KOUN)

RWY 3, 18, 21, 36: STANDARD WITH MINIMUM CLIMB OF 500 FT PER NM TO 1700.

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: KOKC 4E EPOCH YR: 2020.

DME/DME ASSESSMENT: SAT (RNP 2.0)

CHART: MEA/MOCA FROM KRMSN TO WICKS, 6000/2800.

CHART: MINIMUM CROSSING ALTITUDE AT SWTZR AT OR ABOVE 4200

ALL AIRPORTS - CHART: TOP ALTITUDE: ASSIGNED BY ATC.

AIRPORTS SERVED:

<u>AIRPORT NAME</u>	<u>AIRPORT ID</u>	<u>CITY</u>	<u>STATE</u>
WILL ROGERS WORLD	KOKC	OKLAHOMA CITY	OK
WILEY POST	KPWA	OKLAHOMA CITY	OK
UNIVERSITY OF OKLAHOMA	KOUN	NORMAN	OK

COMMUNICATIONS:

ATIS: OKC, PWA. AWOS/ASOS: OUN. CLNC DEL: OKC. GND CON: OKC, PWA, OUN. TWR: OKC, PWA, OUN. DEP CON: OKC, PWA, OUN.

FIXES AND/OR NAVAIDS:

REMARKS:

ABBREVIATED AMENDMENT, DOES NOT MEET PERIODIC REVIEW REQUIREMENTS.



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KRMSN	FOUR	KRMSN4.KRMSN	THREE	12/07/2017	07 OCT 2021

<u>FLIGHT INSPECTED BY</u>	<i>Digitally signed by</i>	<u>OFFICE</u>	<u>DATE</u>
MATTHEW R BUFORD	DONALD H LANIER	FICO	06/22/2021
	Jun 24, 2021		

<u>DEVELOPED BY</u>	<i>Digitally signed by</i>	<u>OFFICE</u>	<u>DATE</u>
DON LANIER (PETER GETZ)	DONALD H LANIER	AJVA-431	10/29/2020
	Jun 24, 2021		

<u>APPROVED BY</u>	<i>Digitally signed by</i>	<u>OFFICE</u>	<u>DATE</u>	<u>TITLE</u>
LONNIE EVERHART	DONALD H LANIER	AJVA-430		MANAGER
	Jun 24, 2021			

REQUIRED EFFECTIVE DATE
ROUTINE

COORDINATED WITH:

A4A ALPA AOPA APA HAI NBAA OTHER: ZFW ARTCC, OKE CITY APP CON, OKC ATCT, PWA ATCT, OUN ATCT, AMGR: OKC, PWA, OUN.

CHANGES - REASONS:

- 1) INCREASED MOCA BETWEEN KRMSN TO WICKS FROM 2600 MSL TO 2800 MSL - NEW WIND TURBINE 1727 FT MSL (4D) 343027.20N/0964631.13W
- 2) REMOVED PILOT NAVIGATION AREA - THERE IS NO LONGER CRITERIA FOR A PILOT NAVIGATION AREA IAW 8260.46.G.
- 3) REPLACED TAKEOFF OBSTACLES NOTES WITH SEE FORM 8260-15A, TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP) - IAW 82460.46G
- 4) IN THE DEPARTURE ROUTE DESCRIPTION REMOVED THE 3000 FT AND 5000 FT RESPECTIVELY CHANGING TO MAINTAIN ATC ASSIGNED ALTITUDE, APPROVED BY ATC - IAW 8260.46G.
- 5) THE VA/VM/DF SEQUENCE IS NO LONGER AUTHORIZED IAW THE 8260.46G REMOVED THE DF LEG TYPE - IAW 8260.46G.
- 6.) ADDED CROSSING RESTRICTION AT SWTZR (IF) FOR AIRCRAFT BEING VECTORED TO JOIN RNAV ROUTE - 8260.46G



FEDERAL AVIATION ADMINISTRATION
 FLIGHT STANDARDS SERVICE
 DEPARTURE (DATA RECORD)

<u>DP NAME</u>	<u>NUMBER</u>	<u>DP COMPUTER CODE</u>	<u>SUPERSEDED NUMBER</u>	<u>DATED</u>	<u>ACTUAL EFFECTIVE DATE</u>
KRMSN	FOUR	KRMSN4.KRMSN	THREE	12/07/2017	07 OCT 2021

<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>
WILL ROGERS WORLD (KOKC)									
RWY13 (AER)	352416.59N/0973657.27W	N	-	-	-	-			
1800 MSL		-	-	VA	135.06	-			CG 500 FT/NM TO 1800
		-	-	VM	180.00	-			RIGHT TURN
RWY17L (AER)	352418.58N/0973520.21W	N	-	-	-	-			
1800 MSL		-	-	VA	179.96	-			CG 500 FT/NM TO 1800
		-	-	VM	180.00	-			
RWY17R (AER)	352421.42N/0973620.62W	N	-	-	-	-			
1800 MSL		-	-	VA	179.96	-			CG 500 FT/NM TO 1800
		-	-	VM	180.00	-			
RW18 (AER)	352336.76N/0973627.82W	N	-	-	-	-			
1800 MSL		-	-	VA	179.97	-			CG 500 FT/NM TO 1800
		-	-	VM	180.00	-			
RW31 (AER)	352321.98N/0973550.73W	N	-	-	-	-			
1800 MSL		-	-	VA	315.07	-			CG 500FT/NM TO 1800
		-	-	VM	015.00	-			RIGHT TURN

QUALITY
3
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>	
KRMSN		FOUR		KRMSN4.KRMSN		THREE		12/07/2017		07 OCT 2021	
<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>		
RW35L (AER)	352244.49N/0973620.53W	N	-	-	-	-					
1800 MSL		-	-	VA	359.96	-			CG 500FT/NM TO 1800		
		-	-	VM	015.00	-			RIGHT TURN		
RW35R (AER)	352241.63N/0973520.13W	N	-	-	-	-					
1800MSL		-	-	VA	359.96	-			CG 500FT/NM TO 1800		
		-	-	VM	015.00	-			RIGHT TURN		
RW36 (AER)	352306.31N/0973627.80W	N	-	-	-	-					
1800 MSL		-	-	VA	359.97	-			CG 500 FT/NM TO 1800		
		-	-	VM	015.00	-			RIGHT TURN		
WILEY POST (KPWA)											
RWY 13 (AER)	353206.36N/0973907.90W	N	-	-	-	-					
1800 MSL		-	-	VA	134.95	-			CG 500 FT/NM TO 2100		
		-	-	VM	205.00	-			RIGHT TURN		
RW17L (AER)	353239.61N/0973843.81W	N	-	-	-	-					
1800 MSL		-	-	VA	179.99	-			CG 500 FT/NM TO 2100		
		-	-	VM	205.00	-			RIGHT TURN		
RW17R (AER)	353235.86N/0973857.10W	N	-	-	-	-					
1800 MSL		-	-	VA	180.00	-			CG 500 FT/NM TO 2100		
		-	-	VM	205.00	-			RIGHT TURN		



DP NAME	NUMBER	DP COMPUTER CODE	SUPERSEDED NUMBER	DATED	ACTUAL EFFECTIVE DATE
KRMSN	FOUR	KRMSN4.KRMSN	THREE	12/07/2017	07 OCT 2021

FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
RW31 (AER)	353136.92N/0973831.82W	N	-	-	-	-			
1800 MSL		-	-	VA	314.95	-			CG 500 FT/NM TO 2100
		-	-	VM	015.00	-			RIGHT TURN
RW35L (AER)	353146.40N/0973857.10W	N	-	-	-	-			
1800 MSL		-	-	VA	360.00	-			CG 500 FT/NM TO 2100
				VM	015.00	-			
RW35R (AER)*	353131.93N/0973843.79W*	N	-	-	-	-			*DISPL THLD (355 FT)
1800 MSL		-	-	VA	359.99	-			CG 500 FT/NM TO 2100
		-	-	VM	015.00	-			RIGHT TURN
UNIVERSITY OF OKLAHOMA WESTHEIMER (KOUN)									
RW03 (AER)	351410.37N/0972832.88W	N	-	-	-	-			
1700 MSL		-	-	VA	036.21	-			CG 500 FT/NM TO 1700
				VM	360.00	-			LEFT TURN
RW18 (AER)	351523.18N/0972823.21W	N	-	-	-	-			
1700 MSL		-	-	VA	179.66	-			CG 500 FT/NM TO 1700
		-	-	VM	180.00	-			



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KRMSN		FOUR	KRMSN4.KRMSN	THREE	12/07/2017	07 OCT 2021			
<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>
RW21 (AER)	351448.26N/0972759.06W	N	-	-	-	-			
1700 MSL		-	-	VA	216.22	-			CG 500 FT/NM TO 1700
		-	-	VM	180.00	-			LEFT TURN
RW36 (AER)	351431.77N/0972822.84W	N	-	-	-	-			
1700 MSL		-	-	VA	359.66	-			CG 500 FT/NM TO 1700
		-	-	VM	360.00	-			
SWTZR	345835.21N/0971017.67W	Y	-	IF	-	-	AT/ABOVE 4200		
KRMSN	345530.71N/0970710.24W	Y	FB	TF	140.07	4.00			
KRMSN	345530.71N/0970710.24W	Y	-	IF	-	-			KRMSN4.WICKS
WICKS	343227.13N/0964354.70W	Y	FB	TF	140.11	29.96			

