

**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
VOR/DME OR TACAN STANDARD INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.23**

Bearings, headings, courses, tracks and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated.
Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or feet RVR.

<u>AIRPORT ID</u> KFSM	<u>PROCEDURE NAME</u> VOR Z OR TACAN Z RWY 8	<u>ORIGINAL/AMENDMENT</u> 12	<u>CITY</u> FORT SMITH	<u>STATE</u> AR	
<u>AIRPORT ELEVATION</u> 469	<u>TDZE</u> 469	<u>SUPERSEDED</u> VOR Z OR TACAN Z RWY 8	<u>ORIGINAL/AMENDMENT</u> 11F	<u>DATED</u> 05/19/2022	<u>MAG VAR</u> 7E
<u>FACILITY</u> FSM	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 15 JUNE 2023	<u>REQUIRED EFFECTIVE DATE</u> 06/15/2023	<u>CANCEL/SUSPEND</u>	<u>EPOCH YEAR</u> 1970

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
FSM VORTAC		WAKOM/10.50 DME					232.98	10.50	3700
AWIJE/17.00 DME CCW	IAF	JALGU/17.00 DME	NOPT				17.00 DME ARC (FSM LR-240)		3500
UVUZU/17.00 DME CW	IAF	JALGU/17.00 DME	NOPT				17.00 DME ARC		3500
JALGU/17.00 DME	IF	WAKOM/10.50 DME					052.98	6.50 (FSM R-233)	1900

MISSED APPROACH

MAP:

WULAR/6.31 DME

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 2100 DIRECT FSM VORTAC AND HOLD, CONTINUE CLIMB-IN-HOLD TO 3300.
(TACAN AIRCRAFT CLIMBING LEFT TURN TO 4000 DIRECT FSM VORTAC THEN ON FSM VORTAC R-036 TO FIGGS/10.00 DME AND HOLD NE, RT, 215.51 INBOUND).

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. PT R SIDE OF COURSE 232.98 OUTBOUND 3700 FT WITHIN 15 MILES OF WAKOM (IAF)
- 2.
3. FAC: 052.98 FAF: WAKOM/10.50 DME DIST FAF TO MAP: DIST FAF TO THLD: 4.19
4. MIN ALT: WAKOM/10.50 DME 1900
8. MSA FROM: FSM VORTAC 090-270 3900, 270-090 4500



EQUIPMENT REQUIREMENTS NOTES:

DME REQUIRED.

NOTES:

CHART NOTE: CIRCLING NA FOR CAT E NW OF RWY 8 AND OF RWY 20.
 CHART NOTE: CIRCLING RWY 20, 26 NA AT NIGHT.
 CHART NOTE: RWY 8 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
 CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY.
 CHART PLANVIEW NOTE: CIRCLING CAT E NA WHEN RESTRICTED AREA R-2401B ACTIVE.

ADDITIONAL FLIGHT DATA:

WAKOM TO RW08: 3.10/51.
 HOLD NE, RT, 226.00 INBOUND.
 CHART FAS OBST: 830 AAO 351711N/0942538W.
 CHART R-2401 A.
 CHART R-2401 B.
 CHART VDP AT 8.06 DME.
 DISTANCE VDP TO THLD 1.75 NM.
 CHART FSM R-297 AT AWIJE.
 CHART FSM R-168 AT UVUZU.
 FAC CROSSES RWY C/L EXTENDED 2355 FT FROM THLD.
 CHART CIRCLING ICON.

MINIMUMS:

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT

ALTERNATE: NA STANDARD - CAT C 1000-2 3/4, CAT D, E 1000-3

<u>CATEGORY:</u>	<u>A</u>			<u>B</u>			<u>C</u>			<u>D</u>			<u>E</u>		
<u>FINAL TYPE</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>
S-08	1080	1	611	1080	1	611	1080	1 3/4	611	1080	1 3/4	611	1080	1 3/4	611
CIRCLING	1140	1	671	1140	1	671	1400	2 3/4	931	1400	3	931	1400	3	931

CHANGES - REASONS

1. FAF CHANGED FROM FIX ORBIE (N351717.09/W0942859.15) TO WAKOM (N351802.13/W0942723.91) MOVED TO ALIGN WITH FINAL COURSE AND TO ENABLE INTERMEDIATE LENGTH.
2. FAF ALTITUDE DECREASED FROM 2400 TO 1900 - CHANGED TO KEEP VDP IN COINCIDENT AND TO ALLOW FOR GPA.
3. FINAL GPA CHANGED FROM 3.11 TO 3.10, TCH CHANGED FROM 51 TO 51.3 - CHANGES DUE TO FAF MOVE.
4. FAF LENGTH CHANGED FROM 5.69 TO 4.19 - CHANGED. DUE TO FAF MOVE.
5. INTERMEDIATE LENGTH CHANGED FROM 5 NM TO 6.5 NM - DUE TO FAF MOVE.
6. MINIMA CHANGED STRAIGHT-IN "CAT D 2 CAT E 2 1/4" TO "CAT D 1 3/4 CAT E 1 3/4" - IN ACCORDANCE WITH 8260.3 VISIBILITY TABLE.
7. VDP CHANGED FROM : "1.76 NM" TO "1.75" - DUE TO FAF MOVEMENT AND DG/TCH ADJUSTMENT.
8. PRIMARY MISSED APPROACH: CHANGED CLIMB TO ALTITUDE/HOLDING FROM "2100" TO "3000" - DUE TO AIRSPACE EVALUATION.
9. UPDATED ADDITIONAL FLIGHT DATA FROM FAC CROSSES RWY C/L FROM "2393 FT" TO "2355 FT" - CHANGE DUE TO FAF MOVEMENT AND DG/TCH ADJUSTMENT.
10. COURSE CHANGED FROM 233.00 TO 232.98 - FAF MOVED TO ALLOW FOR SEGMENT LENGTH AND STRAIGHT COURSE.
11. FAC CHANGED FROM 53.00 TO 52.98 - CHANGED DUE TO FAF ALTITUDE CHANGE TO KEEP COINCIDENT.
12. ADDED NAMED MISSED APPROACH POINT FROM VORTAC 6.31 DME TO FIX "WULAR" - MAP WAS NOT PREVIOUSLY NAMED, ALSO UPDATED TO MARRY WITH THE HI APPROACH.



AIRPORT ID
KFSM

PROCEDURE NAME
VOR Z OR TACAN Z RWY 8

ORIGINAL/AMENDMENT
12

CITY
FORT SMITH

STATE
AR

COORDINATED WITH:

A4A ALPA AOPA APA HAI NBAA **OTHER:** ZME, FSM ATCT, AMGR, FSM APP CON.

FLIGHT CHECKED BY

PENDING

Digitally signed by

ALLAN WILL

Apr 11, 2023

OFFICE

DATE

DEVELOPED BY

TODD DAMRON

Digitally signed by

TODD V DAMRON

Apr 04, 2023

OFFICE

AJV-A423

DATE

03/06/2023

APPROVED BY

ALLAN WILL

Digitally signed by

ALLAN WILL

Apr 11, 2023

OFFICE

AJV-A423

DATE

TITLE
MANAGER

