

**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> 11F	<u>CITY</u> FORT SMITH	<u>STATE</u> AR	
<u>AIRPORT ELEVATION</u> 469	<u>TDZE</u> 469	<u>SUPERSEDED</u> VOR/DME OR TACAN RWY 7	<u>ORIGINAL/AMENDMENT</u> 11E	<u>DATED</u> 05/20/2021	<u>MAG VAR</u> 7E	<u>EPOCH YEAR</u> 1970
<u>FACILITY</u> FSM	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 19 MAY 2022	<u>REQUIRED EFFECTIVE DATE</u> 05/19/2022	<u>CANCEL/SUSPEND</u>		

**TERMINAL ROUTES**

<u>FROM</u>	<u>FIX TYPE</u>	<u>TO</u>	<u>FIX TYPE</u>	<u>LEG TYPE</u>	<u>FO/FB</u>	<u>RNP</u>	<u>COURSE</u>	<u>DISTANCE</u>	<u>ALTITUDE</u>
FSM VORTAC		ORBIE/FSM 12.00 DME					233.00	12.00	3700
AWIJE/FSM 17.00 DME CCW	IAF	JALGU/FSM 17.00 DME	NOPT				17.00 DME ARC (FSM LR-240)		3500
UVUZU/FSM 17.00 DME CW	IAF	JALGU/FSM 17.00 DME	NOPT				17.00 DME ARC		3500
JALGU/FSM 17.00 DME	IF	ORBIE/FSM 12.00 DME					053.00	5.00 (FSM R-233)	2400

**MISSED APPROACH**

**MAP:**

FSM VORTAC 6.31 DME

**MISSED APPROACH INSTRUCTIONS:**

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

**ALTERNATE MISSED APPROACH INSTRUCTIONS:**

**PROFILE:**

1. PT R SIDE OF COURSE 233.00 OUTBOUND 3700 FT WITHIN 15 MILES OF ORBIE/FSM 12.00 DME (IAF)

2.

3. FAC: 053.00 FAF: ORBIE/FSM 12.00 DME DIST FAF TO MAP: DIST FAF TO THLD: 5.69

4. MIN ALT: ORBIE/FSM 12.00 DME 2400

8. MSA FROM: FSM VORTAC 090-270 3900, 270-090 4500

**EQUIPMENT REQUIREMENTS NOTES:**

DME REQUIRED.

**NOTES:**

CHART NOTE: CIRCLING TO RWY 20 AND 26 NA AT NIGHT.  
CHART NOTE: CIRCLING NA FOR CAT E N OF RWY 8 AND W OF RWY 20.



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:

HOLD NE, RT, 226.00 INBOUND.  
CHART FAS OBST: 830 ANT (KFSM0055) 352045N/0942342W.  
CHART R-2401 A.  
CHART R-2401 B.  
CHART VDP AT 8.06 DME  
DISTANCE VDP TO THLD 1.76 NM.  
CHART FSM R-297 AT AWIJE.  
CHART FSM R-168 AT UVUZU.  
FAC CROSSES RWY C/L EXTENDED 2393 FT FROM THLD.  
CHART CIRCLING ICON.  
ORBIE TO RW07: 3.11/51.

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

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

CATEGORY:	A			B			C			D			E		
FINAL TYPE	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA
S-8	1080	1	611	1080	1	611	1080	1 3/4	611	1080	2	611	1080	2 1/4	611
CIRCLING	1140	1	671	1140	1	671	1400	2 3/4	931	1400	3	931	1400	3	931

CHANGES - REASONS

1. UPDATED AIRPORT MAGVAR FROM E5/1990 TO 1E/2025 - MAGVAR.
2. UPDATED RUNWAY NUMBER FROM 07 TO 08 - MAGVAR.
3. PROCEDURE NAME CHANGED FROM VOR/DME OR TACAN RWY 07 TO VOR Z OR TACAN Z RWY 08 - RUNWAY RENUMBERING, DME MOVED TO CHART NOTE, Z MODIFIER ADDED IAW 8260.3E 1-6-2 D.
4. ADDED DME REQUIRED TO EQUIPMENT REQUIREMENTS NOTES - DME REMOVED FROM TITLE IAW 8260.19I.
5. ADDED CHART NOTE CIRCLING TO RWY 20 AND 26 NA AT NIGHT. - RUNWAY 20 AND 26 HAVE 20:1 PENETRATIONS.
6. ADDED CHART NOTE CIRCLING NA FOR CAT E N OF RWY 08 AND W OF RWY 20. - RESTRICTION ADDED TO MATCH OTHER PROCEDURES AT AIRPORT.
7. ADDED CHART CIRCLING ICON - 8260.19I
8. UPDATED ADDITIONAL FLIGHT DATA FROM FAC CROSSES RWY C/L EXTENDED 837 FT FROM THRESHOLD TO 2393 FT FROM THRESHOLD. - CORRECTED VALUE.
9. ADDITIONAL FLIGHT DATA CHANGED FROM ORBIE TO RW07: 3.11/52 TO RW8: 3.11/51 - RUNWAY RENUMBERED AND CORRECTED VALUE.
10. TACAN MISSED APPROACH INSTRUCTIONS CHANGE HOLD INBOUND FROM 216 TO 215.51 - CORRECTED VALUE, UNROUNDED.

COORDINATED WITH:

A4A ☒ ALPA ☒ AOPA ☒ APA ☒ HAI ☐ NBAA ☒ OTHER: ZME, FSM ATCT, AMGR, FSM APP CON

Digitally signed by

FLIGHT CHECKED BY  
PROCESSED IAW TECHNICAL SUPPORT GROUP (AJF-17) MEMO DATED 07/07/2021 GUIDANCE  
FOR PROCEDURAL CHANGES REQUIRING FLIGHT INSPECTION/VALIDATION

OFFICE JON DENTON DATE  
Feb 07, 2022

DEVELOPED BY  
TYLER MITCHELL  
Digitally signed by  
TYLER D MITCHELL  
Dec 23, 2021

OFFICE AJV-A432 DATE  
10/12/2021

APPROVED BY  
LONNIE EVERHART

Digitally signed by  
JON DENTON  
Feb 07, 2022

OFFICE AJV-A430 DATE

TITLE  
MANAGER

