

**FEDERAL AVIATION ADMINISTRATION  
FLIGHT STANDARDS SERVICE  
VOR 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.

<b><u>AIRPORT ID</u></b> KFSM	<b><u>PROCEDURE NAME</u></b> VOR Z OR TACAN Z RWY 26	<b><u>ORIGINAL/AMENDMENT</u></b> 20K	<b><u>CITY</u></b> FORT SMITH	<b><u>STATE</u></b> AR		
<b><u>AIRPORT ELEVATION</u></b> 469	<b><u>TDZE</u></b> 446	<b><u>SUPERSEDED</u></b> VOR OR TACAN RWY 25	<b><u>ORIGINAL/AMENDMENT</u></b> 20J	<b><u>DATED</u></b> 05/20/2021	<b><u>MAG VAR</u></b> 7E	<b><u>EPOCH YEAR</u></b> 1970
<b><u>FACILITY</u></b> FSM	<b><u>COORDINATES OF FACILITIES</u></b>	<b><u>ACTUAL EFFECTIVE DATE</u></b> 19 MAY 2022	<b><u>REQUIRED EFFECTIVE DATE</u></b> 05/19/2022	<b><u>CANCEL/SUSPEND</u></b>		

**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 R-359/10.00 DME CW	IAF	FSM R-044/10.00 DME	NOPT				10.00 DME ARC		3000
FSM R-195/10.00 DME CCW	IAF	FSM R-044/10.00 DME	NOPT				10.00 DME ARC		3000
FSM R-044/10.00 DME	IF	FSM VORTAC					224.00	10.00	2000

**MISSED APPROACH**

**MAP:**

4.80 NM AFTER FSM VORTAC OR AT 4.80 DME

**MISSED APPROACH INSTRUCTIONS:**

CLIMB TO 4000 ON FSM VORTAC R-232 TO SPIRO/15.00 DME AND HOLD, CONTINUE CLIMB-IN-HOLD TO 4000.

**ALTERNATE MISSED APPROACH INSTRUCTIONS:**

**PROFILE:**

1. PT L SIDE OF COURSE 044.25 OUTBOUND 3000 FT WITHIN 15 MILES OF FSM VORTAC (IAF)

2.

3. FAC: 224.25 FAF: FSM VORTAC DIST FAF TO MAP: DIST FAF TO THLD: 5.12

4. MIN ALT: FSM VORTAC 2000

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

**EQUIPMENT REQUIREMENTS NOTES:**

DME REQUIRED.

**NOTES:**

CHART NOTE: RWY 26 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.  
CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY.  
CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).  
CHART NOTE: CIRCLING CAT E NA WHEN R-2401B ACTIVE.



CHART NOTE: ARC SEGMENT R-195 CCW: NOT AUTHORIZED WHEN RESTRICTED AREAS R-2401 AND R-2402 IN EFFECT.  
CHART NOTE: CIRCLING NA FOR CAT E N OF RWY 8 AND W OF RWY 20.  
CHART NOTE: CIRCLING RWY 20, 26 NA AT NIGHT.  
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON FSM VORTAC ARIWAY RADIALS 036 CW 090.

ADDITIONAL FLIGHT DATA:

FSM VORTAC TO RW26: 2.75/60.  
CHART FSM R-195 AT FSM R-195/10.00 DME.  
CHART FSM R-359 AT FSM R-359/10.00 DME.  
HOLD SW, RT, 052.00 INBOUND.  
CHART FAS OBST: 716 OL ON STNDPIPE (OC) 352150N/0942027W.  
CHART R-2401 A.  
CHART R-2401 B.  
CHART R-2402.  
FAC CROSSES RWY C/L EXTENDED 1942 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

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-26	980	5500	534	980	5500	534	980	1 1/2	534	980	1 1/2	534	980	1 1/2	534
CIRCLING	1140	1	671	1140	1	671	1400	2 3/4	931	1400	3	931	1400	3	931



CHANGES - REASONS

1. UPDATED PROCEDURE NAME FROM VOR OR TACAN RWY 25 TO VOR Z OF TACAN Z RWY 26 - MAGVAR AND RUNWAY RENUMBERING AND 8260.3E 1-6-2.D.
2. ADDED CHART NOTE: CHART CIRCLING ICON - 8260.19I 8-6-10.
3. UPDATED MISSED APPROACH WORDING FROM "CLIMB TO 4000 VIA FSM VORTAC..." TO "CLIMB TO 4000 ON FSM VORTAC..." AND CHANGED SPIRO INT/15 DME TO SPIRO/15.00 DME AND ADDED, CONTINUE CLIMB-IN-HOLD TO 4000- 8260.19I 8-6-6.D AND SPIRO NOW DME ONLY AND C-I-H ALREADY FLIGHT CHECKED ON OLD HI-VOR/DME OR TACAN RWY 25 PUB 5/5/2011.
4. REMOVED DIST FROM FAF TO MAP OF 4.80 - 8260.19I 8-6-7. C(3).
5. ADDED PBN EQUIPMENT REQUIREMENTS NOTE: DME REQUIRED - 8260.19I 8-6-8.
6. CHANGED NOTE FROM "NOT AUTHORIZED WHEN RESTRICTED AREAS R-2401 AND R-2402 IN EFFECT TO ARC SEGMENT R-195 CCW: NOT AUTHORIZED WHEN RESTRICTED AREAS R-2401 AND R-2402 IN EFFECT - 8260.19I 8-6-9.
7. ADDED CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}) - 8260.19I 8-6-9.
8. CHANGED NOTE FROM CIRCLING NA NW OF RWYS 7 AND 19 FOR CAT E TO CIRCLING NA FOR CAT E N OF RWY 8 AND W OF RWY 20 - 8260.19I 8-6-11.
9. DELETED NOTE: DME REQUIRED - 8260.19I 8-6-8.
10. INCORPORATED ALL PNOTAM CHANGES FROM AMENDMENTS 20C-20J - 8260.19I 8-3-4.
11. ADDED CHART NOTE: RWY 26 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED - 34:1 PENETRATIONS EXIST.
12. UPDATED CAT A AND B VISIBILITY FROM 1 SM TO 5500 RVR, CAT D UPDATED FROM 1 3/4 TO 1 1/2 AND CAT E FROM 2 TO 1 1/2- VISIBILITY UPDATED PER 8260.3E 3-1-1, 3-3-3 AND 3-3-4.
13. ADDED CHART NOTE: CIRCLING RWY 20, 26 NA AT NIGHT - 20:1 PENETRATIONS.
14. TDZE ELEVATION UPDATED FROM 453 TO 446 - UPDATED AIRNAV DATA.
15. FINAL TYPE UPDATED FROM S-25 TO S-26 - RUNWAY RENUMBERING.
16. S-26 HAT UPDATED FROM 527 TO 534- TDZE CHANGE.
17. TERMINAL ROUTE CHANGED FROM "R-359 FSM VORTAC CW (IAF) TO R-044 FSM VORTAC (NOPT)" TO "FSM R-359/10.00 DME CW FIX TYPE IAF TO FSM R-044/10.00 DME FIX TYPE NOPT".
18. TERMINAL ROUTE CHANGED FROM "'R-195 FSM VORTAC CCW (IAF) TO R-044 FSM VORTAC (NOPT)" TO "FSM R-195/10.00 DME CCW FIX TYPE IAF TO FSM R-044/10.00 DME FIX TYPE NOPT".
19. TERMINAL ROUTE CHANGED FROM "'10 DME ARC TO FSM VORTAC" TO FSM R-044/10.00 DME FIX TYPE IF TO FSM VORTAC".
20. MSA CHANGED FROM FSM VORTAC 360-090 4500, 090-270 3900, 270-360 3300 TO FSM VORTAC 090-270 3900, 270-090 4500.
21. FAS OBSTACLE DESCRIPTION UPDATED FROM 716 STANDPIPE 352150/942027 TO 716 OL ON STNDPIPE (OC) 352150N/0942027W.
22. ADDITIONAL FLIGHT DATA UPDATED FROM FAC CROSSED RWY C/L EXTENDED 2067' FROM THR TO FAC CROSSES RWY C/L EXTENDED 1942 FT FROM THLD - THRESHOLD LOCATION CHANGED.
23. ADDED CHART PLANVIEW NOTE: PROCEDURES NA FOR ARRIVAL ON FSM VORTAC AIRWAY RADIALS 036 CW 090 - 8260.19I 8-2-5/G(2).
24. UPDATED ADDITIONAL FLIGHT DATA NOTE FROM FSM VORTAC TO RW25: 2.75/60 TO FSM VORTAC RW26: 2.75/60 - RUNWAY RENUMBERING.
25. ADDED ADDITIONAL FLIGHT DATA NOTES "CHART FSM R-195 AT FSM R-195/10.00 DME" AND "CHART FSM R-359 AT FSM R-359/10.00 DME" - 8260.19I 8-6-10.Q.

COORDINATED WITH:

A4A ☒ ALPA ☒ AOPA ☒ APA ☒ HAI ☐ NBAA ☒ OTHER: ZME, FSM ATCT, ST. AV. DIR., 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 09, 2022

DEVELOPED BY

Digitally signed by

CASEY HILL CASEY D HILL

Feb 07, 2022

OFFICE

AJV-A432

DATE

10/05/2021

APPROVED BY

LONNIE EVERHART

Digitally signed by

JON DENTON

Feb 09, 2022

OFFICE

AJV-A430

DATE

TITLE

MANAGER

