

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.

|                                 |  |  |  |                            |                      |                           |
|---------------------------------|--|--|--|----------------------------|----------------------|---------------------------|
| <u>AIRPORT ID</u><br>KFSM       | <u>PROCEDURE NAME</u><br>VOR Z OR TACAN Z RWY 26 |  | <u>ORIGINAL/AMENDMENT</u><br>21              | <u>CITY</u><br>FORT SMITH  | <u>STATE</u><br>AR   |                           |
| <u>AIRPORT ELEVATION</u><br>469 | <u>TDZE</u><br>448                               | <u>SUPERSEDED</u><br>VOR Z OR TACAN Z RWY 26 | <u>ORIGINAL/AMENDMENT</u><br>20K             | <u>DATED</u><br>05/19/2022 | <u>MAG VAR</u><br>7E | <u>EPOCH YEAR</u><br>1970 |
| <u>FACILITY</u><br>FSM          | <u>COORDINATES OF FACILITIES</u>                 | <u>ACTUAL EFFECTIVE DATE</u><br>15 JUNE 2023 | <u>REQUIRED EFFECTIVE DATE</u><br>06/15/2023 | <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> |
|---------------------|-----------------|-----------------|-----------------|-----------------|--------------|------------|---------------|-----------------|-----------------|
| AYUWU/10.00 DME CW  | IAF             | OHUJA/10.00 DME | NOPT            |                 |              |            | 10.00 DME ARC |                 | 3100            |
| UXADY/10.00 DME CCW | IAF             | OHUJA/10.00 DME | NOPT            |                 |              |            | 10.00 DME ARC |                 | 3100            |
| OHUJA/10.00 DME     | IF              | FSM VORTAC      |                 |                 |              |            | 224.86        | 10.00           | 2100            |

**MISSED APPROACH**

**MAP:**  
4.93 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 044.86 OUTBOUND 3700 FT WITHIN 15 MILES OF FSM VORTAC (IAF)  
2.  
3. FAC: 224.86 FAF: FSM VORTAC DIST FAF TO MAP: DIST FAF TO THLD: 4.93  
4. MIN ALT: FSM VORTAC 2100  
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 RVR 5000 NOT AUTHORIZED.  
CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY.  
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 NW OF RWYS 8 AND RWY 20.  
CHART NOTE: STRAIGHT-IN RWY 26 NA AT NIGHT, 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:

CHART FSM R-195 AT UXADY.  
CHART FSM R-359 AT AYUWU.  
FSM VORTAC TO RWY 26: 3.06/50  
HOLD SW, RT, 052.00 INBOUND.  
CHART FAS OBST: 716 TANK (05-000783) 352150N/0942028W.  
CHART R-2401 A.  
CHART R-2401 B.  
CHART R-2402.  
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 | 532     | 980    | 5500 | 532     | 980    | 1 1/2 | 532     | 980    | 1 1/2 | 532     | 980    | 1 1/2 | 532     |
| CIRCLING   | 1140   | 1    | 671     | 1140   | 1    | 671     | 1400   | 2 3/4 | 931     | 1400   | 3     | 931     | 1400   | 3     | 931     |



CHANGES - REASONS

1. IAF NAME ADDED: CHANGED FROM "FSM R-359/10 DME" TO "AYUWU" - NO PREVIOUS NAMED FIX.
2. IAF NAME ADDED: CHANGED FROM "FSM R-195/10 DME" TO "UXADY" - NO PREVIOUS NAMED FIX.
3. IF FIX NAME ADDED: CHANGED FROM "FSM R-044/10 DME" TO "OHUJA" - NO PREVIOUS NAMED FIX.
4. FAS OBSTACLE CHANGED FROM "716 OL ON STANDPIPE (OC) 352150N/0942027W" TO 716 TANK (05-000783) 352150N/0942028W" - UPDATED OBSTACLE
5. CHANGED DISTANCE FROM FAF TO MAP FROM 4.8 NM TO 4.93 - DUE TO RWY EXTENSION AND MAP MOVED TO THRESHOLD.
6. TDZE CHANGED FROM 446 TO 448 - RUNWAY EXTENDED 1300FT CURRENT AIRNAV DATA.
7. CHANGED FINAL COURSE FROM 224.25 TO 224.86 - NEW THRESHOLD LOCATION.
8. S-26 HAT ALL CATS CHANGED FROM 534 TO 532 - TDZE CHANGED FROM 446 TO 448.
9. PT CHANGED FROM COURSE 44.25 TO 44.86, ALTITUDE CHANGED FROM 3000FT TO 3700FT - RWY EXTENSION INTRODUCED NEW OBSTACLES/AIRSPACE DRIVING THE ALTITUDE HIGHER.
10. DISTANCE FAF TO THRESHOLD CHANGED FROM 5.12 TO 4.93 - DUE TO RWY EXTENSION.
11. FAC CHANGED FROM 224.25 TO 224.86 - CHANGES DRIVEN BY EXTENDING THE RWY.
12. FAF ALTITUDE CHANGED FROM 2000FT TO 2100FT - DUE TO RWY EXTENSION, TO MEET COINCIDENT AND DG, ALTITUDE WAS RAISED.
13. INTERMEDIATE COURSE CHANGED FROM 224.00 TO 224.86 WITH NO TURN AT FAF - DUE TO FAC COURSE CHANGE.
14. HELICOPTER VISIBILITY NOTE CHANGED FROM 3/4SM TO 5000 RVR - RUNWAY EXTENTION CHANGED CIRCLING AREA TO INCLUDE OBSTACLES.
15. CIRCLING CHART NOTE CHANGED FROM "CIRCLING NA FOR CAT E N OF RWY 8 AND W OF RWY 20" TO "CIRCLING NA FOR CAT E NW OF RWYS 8 AND 20"- CAT E CIRCLING ADJUSTED TO ALLEVIATE NEW AIRSPACE REQUIREMENT.
16. CHART NOTE ADDED: STRAIGHT-IN RWY 26 NA AT NIGHT - NOTE ADDED DUE TO PENETRATIONS.
17. FSM VORTAC TO RW26: 3.06/50 ADDED TO ADDITIONAL FLIGHT DATA - IAW 8260.19I 8-6-10.O.
18. REMOVE NOTE: FAC CROSSES RWY C/L EXTENDED IN ADDITIONAL FLIGHT DATA - FAC IS ON C/L AT THRESHOLD.
19. ADDITIONAL FLIGHT DATA NOTES FOR RADIAL INFO UPDATED: CHANGED FROM "CHART FSM R-195 AT FSM R-195/10.00 DME, CHART FSM R-359 AT FSM R-359/10.00 DME" TO "CHART FSM R-195 AT UXADY, CHART FSM R-359 AT AYUWU" - REMOVED RADIAL REDUNCANCY, AND ADDED IAF NAMES.
20. MAP CHANGED FROM "4.80 NM AFTER FSM VORTAC OR AT 4.80 DME" TO " 4.93 DME" - DME REQUIRED SO TIMING TABLE NOT NEEDED, RWY EXTENSION.
21. REMOVED "CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT (VGSI ANGLE (ANGLE)/TCH (FEET))" - NO LONGER APPLICABLE.

COORDINATED WITH:

A4A

☒

ALPA

☒

AOPA

☒

APA

☒

HAI

☐

NBAA

☒

OTHER:

ZME, FSM ATCT, ST. AV. DIR., AMGR, FSM APP CON

FLIGHT CHECKED BY

PENDING

DEVELOPED BY

TODD DAMRON

Digitally signed by

TODD V DAMRON

Mar 30, 2023

APPROVED BY

ALLAN WILL

Digitally signed by

ALLAN WILL

Apr 11, 2023

OFFICE

OFFICE

AJV-A423

OFFICE

AJV-A423

DATE

DATE

03/01/2023

DATE

06/15/2023

TITLE

MANAGER

QUALITY  
34  
CHECKED