

**FEDERAL AVIATION ADMINISTRATION  
FLIGHT STANDARDS SERVICE  
ILS STANDARD INSTRUMENT APPROACH PROCEDURE  
TITLE 14 CFR PART 97.29**

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</u> FORT SMITH RGNL	<u>AIRPORT ID</u> KFSM	<u>PROCEDURE NAME</u> ILS OR LOC RWY 7	<u>ORIGINAL/AMENDMENT</u> 1	<u>CITY</u> FORT SMITH	<u>STATE</u> AR	
<u>AIRPORT ELEVATION</u> 469	<u>TDZE</u> 469	<u>SUPERSEDED</u> ILS OR LOC RWY 7	<u>ORIGINAL/AMENDMENT</u> ORIG-E	<u>DATED</u> 08/15/2019	<u>MAG VAR</u> 5E	<u>EPOCH YEAR</u> 1990
<u>FACILITY</u> I-GKV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 21 MAY 2020	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<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>
AWIJE/FSM 17.00 DME CCW	IAF	IXASY/FSM 17.00 DME					17.00 DME ARC (FSM LR-253)		3500
UVUZU/FSM 17.00 DME CW	IAF	IXASY/FSM 17.00 DME					17.00 DME ARC (FSM LR-239)		3500
IXASY/FSM 17.00 DME	IF	JEMBO/RADAR	PFAF				076.19	6.04 (I-GKV)	2100

**MISSED APPROACH**

**MAP:**

ILS: DA  
LOC: FSM 6.32 DME

**MISSED APPROACH INSTRUCTIONS:**

CLIMB TO 1000 THEN CLIMBING LEFT TURN TO 3000 DIRECT FSM VORTAC AND HOLD, CONTINUE CLIMB-IN-HOLD TO 3000.  
(TACAN AIRCRAFT CONTINUE CLIMB TO 4000 ON FSM VORTAC R-036 TO FIGGS/FSM 10.00 DME/RADAR AND HOLD, CONTINUE CLIMB-IN-HOLD TO 4000.)

**ALTERNATE MISSED APPROACH INSTRUCTIONS:**

**PROFILE:**

1. PT      SIDE OF COURSE      OUTBOUND      FT WITHIN      MILES OF (IAF)
2. PROFILE STARTS AT IXASY
3. FAC: 076.19      PFAF: JEMBO/RADAR      DIST PFAF TO MAP:      DIST PFAF TO THLD: 4.96
4. MIN ALT:      IXASY/FSM 17.00 DME 3500, JEMBO/RADAR 2100
5. DIST TO THLD FROM OM:      MM:      IM:      150 HAT:      GS ANT: 1279
6. MIN GS INCPT: 2100      GS ALT AT PFAF : JEMBO/RADAR 2100      OM:      MM:      IM:
7. GP ANGLE: 3.00      34:1:      20:1:      TCH: 52.0
8. MSA FROM:      FSM VORTAC 090-270 3900, 270-090 4500

**EQUIPMENT REQUIREMENTS NOTES:**

DME AND RADAR REQUIRED.



NOTES:

CHART NOTE: DME FROM FSM VORTAC. SIMULTANEOUS RECEPTION OF I-GKV AND FSM VORTAC DME REQUIRED.  
CHART NOTE: RWY 7 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.  
CHART NOTE: CIRCLING NA FOR CAT E WHEN R-2401B ACTIVE.  
CHART NOTE: CIRCLING NA FOR CAT E NW OF RWYS 7 AND 19.  
CHART NOTE: FOR INOPERATIVE ALS, INCREASE S-LOC 07 CAT A/B VISIBILITY TO 1 SM, AND CAT C/D/E TO 1 1/8 SM. INOPERATIVE TABLE DOES NOT APPLY TO S-ILS 07.

ADDITIONAL FLIGHT DATA:

TACAN AIRCRAFT HOLD NE FIGGS/FSM 10.00 DME/RADAR, RT, 216 INBOUND.  
CHART CIRCLING ICON.  
CHART FSM R-297 AT AWIJE.  
CHART FSM R-168 AT UVUZU.  
CHART R-2401 A/B  
CHART R-2402 A/B/C  
CHART VDP AT 7.37 DME\*  
DISTANCE VDP TO THLD 1.13 NM  
\* LOC ONLY  
CHART FAS OBST: 630 POLE 351918N/0942559W.  
HOLD NE, RT, 226.00 INBOUND

MINIMUMS:

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

ALTERNATE: NA ☐ ILS: STANDARD; LOC: 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-ILS 07	719	3/4	250	719	3/4	250	719	3/4	250	719	3/4	250	719	3/4	250
S-LOC 07	880	3/4	411	880	3/4	411	880	3/4	411	880	3/4	411	880	3/4	411
CIRCLING	1140	1	671	1140	1	671	1400	2 3/4	931	1400	3	931	1400	3	931



CHANGES - REASONS

1. REMOVED FEEDER SEGMENTS FROM FSM VORTAC, SISCO, AKINS, AND LAVER. - PROCEDURE TURN REMOVED DUE TO JEMBO (GK) LOM DECOMMISSIONING.
2. MSA UPDATED FROM GK LOM TO FSM VORTAC. - JEMBO (GK) LOM DECOMMISSIONING.
3. TCH VALUE CHANGED FROM 54 TO 52. - DESIGN TCH VALUE UTILIZED.
4. REMOVED ADF REQUIREMENT NOTE FROM PLANVIEW AND ADDED DME AND RADAR REQUIRED NOTE. - JEMBO (GK) LOM DECOMMISSIONING.
5. ADDED NOTE "RWY 7 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NA". - 34:1 PENETRATION IDENTIFIED.
6. CIRCLING CAT C/D MDA/HAA INCREASED FROM 1140/671 TO 1400/931. - NEW CONTROLLING OBSTRUCTION IDENTIFIED FOR CIRCLING AREAS.
7. CIRCLING CAT E MDA/HAA INCREASED FROM 1200/731 TO 1400/931. - CIRCLING CAT E ADJUSTED TO MAINTAIN A MDA/HAA COINCIDENT WITH CIRCLING CAT C/D.
8. ADDED "CHART CIRCLING ICON" TO ADDITIONAL FLIGHT DATA. - UPDATED CIRCLING RADII UTILIZED.
9. PROFILE LINE 3 DIST FAF TO MAP REMOVED. - NO TIMING TABLE, DME IS REQUIRED.
10. DIST FAF TO THLD CHANGED FROM 4.60 TO 4.96. - OPTIMUM PFAF LOCATION UTILIZED.
11. REMOVED OM: 2008 FROM LINE 6. - JEMBO (GK) LOM DECOMMISSIONING.
12. LINE 5 GS ANT CHANGED FROM 1270 TO 1279. - DATA UPDATED PER AIRNAV DATA.
13. S-ILS 07 ALL CATS VISIBILITIES INCREASED FROM 1/2 SM TO 3/4 SM. - 34:1 PENETRATION IDENTIFIED AND IAW APPROVED VISI CHECK TOOL.
14. ADDED NOTE "FOR INOPERATIVE ALS, INCREASE S-LOC 07 CAT A/B VISIBILITY TO 1 SM, AND CAT C/D/E TO 1 1/8 SM. INOPERATIVE TABLE DOES NOT APPLY TO S-ILS 07." - VISIBILITIES UPDATED AND CHECKED AGAINST VISI TOOL.
15. S-LOC 07 CATS A/B VISIBILITY INCREASED FROM 1/2 SM TO 3/4 SM. CAT E DECREASED FROM 1 SM TO 3/4 SM. - VISIBILITIES ADJUSTED IAW VISI TOOL.
16. CIRCLING CAT C VISIBILITY INCREASED FROM 2 SM TO 2 3/4 SM, CAT D VISIBILITY FROM 2 1/4 SM TO 3 SM, AND CAT E VISIBILITY FROM 2 1/2 SM TO 3 SM. - VISIBILITIES INCREASED DUE TO HIGHER MDA/HAA IAW VISI TOOL.
17. INCORPORATED ALL P-NOTAMS FOR AMDTS ORIG A-ORIG E - TO MATCH CURRENTLY PUBLISHED PROCEDURE.
18. CHANGED FAF FROM JEMBO LOM TO JEMBO/RADAR. - JEMBO (GK) LOM DECOMMISSIONING.
19. S-ILS 07 DA/HAT ALL CATS CHANGED FROM 669/200 TO 719/250. - NEW CONTROLLING OBSTRUCTION IDENTIFIED.
20. ADDED "CHART NOTE: DME FROM FSM VORTAC, SIMULTANEOUS RECEPTION OF I-GKV AND FSM VORTAC DME REQUIRED". - IAW DOCUMENTATION CRITERIA BECAUSE LOC AND DME ARE NOT PAIRED AND DME IS REQUIRED.
21. ADDED VDP. - ADEQUATE DIVERGENCE FROM FSM VORTAC FOR ADDITION OF DME-IDENTFIED VDP.

COORDINATED WITH:

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

FLIGHT CHECKED BY	Digitally signed by DONALD H LANIER	OFFICE	DATE	
MICHAEL S MILLER	Feb 25, 2020	FICO	2/21/2020	
DEVELOPED BY	Digitally signed by NICHOLAS JACKSON	OFFICE	DATE	
NICHOLAS K. JACKSON	Dec 12, 2019	AJV-A431	08/26/2019	
APPROVED BY	Digitally signed by DONALD H LANIER	OFFICE	DATE	TITLE
GEORGE DAVIS	Feb 25, 2020	AJV-A450		MANAGER

