

**UNITED STATES AIR FORCE  
FLIGHT STANDARDS SERVICE  
VOR/DME OR TACAN STANDARD INSTRUMENT APPROACH PROCEDURE**

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> HI - VOR Y OR TACAN Y RWY 8	<u>ORIGINAL/AMENDMENT</u> 7C	<u>CITY</u> FORT SMITH	<u>STATE</u> AR		
<u>AIRPORT ELEVATION</u> 469	<u>TDZE</u> 469	<u>SUPERSEDED</u> HI - VOR Y OR TACAN Y RWY 8	<u>ORIGINAL/AMENDMENT</u> 7B	<u>DATED</u> 05/19/2022	<u>MAG VAR</u> 7E	<u>EPOCH YEAR</u> 1970
<u>FACILITY</u> FSM	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u>	<u>REQUIRED EFFECTIVE DATE</u> 06/15/2023	<u>CANCEL/SUSPEND</u>		

**TERMINAL ROUTES**

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
FIGGS/10.00 DME/RADAR	IAF	FSM VORTAC					215.59	10.00	16000
FSM VORTAC	IAF	HIVOM/7.00 DME					211.00	7.00	16000
HIVOM/7.00 DME		PIYIC/20.00 DME					211.00	13.00 (FSM R-211)	10000
PIYIC/20.00 DME CW		FIRIS/20.00 DME					20.00 DME ARC (FSM LR-233)		4000
FIRIS/20.00 DME	IF	ORBIE/12.00 DME					053.00	8.00 (FSM R-233)	2400

**MISSED APPROACH**

**MAP:**  
WULAR/6.31 DME

**MISSED APPROACH INSTRUCTIONS:**

CLIMB TO 4000 DIRECT FSM VORTAC AND ON FSM VORTAC R-036 TO FIGGS/10.00 DME/RADAR AND HOLD.

**ALTERNATE MISSED APPROACH INSTRUCTIONS:**

**PROFILE:**

1. PT      SIDE OF COURSE      OUTBOUND      FT WITHIN      MILES OF      (IAF)
- 2.
3. FAC: 053.00      FAF: ORBIE/12.00 DME      DIST FAF TO MAP:      DIST FAF TO THLD: 5.69
4. MIN ALT:    FIRIS/20.00 DME 4000, FSM VORTAC 16000, HIVOM/7.00 DME 16000, PIYIC/20.00 DME 10000, ORBIE/12.00 DME 2400
8. MSA FROM:    FSM VORTAC 090-270 3900, 270-090 4500, ESA W/IN 100 NM 4500



**EQUIPMENT REQUIREMENTS NOTES:**

DME REQUIRED.

**NOTES:**

CHART NOTE: CIRCLING RWY 20, 26 NA AT NIGHT.  
 CHART PLANVIEW NOTE: PROCEDURE NA WHEN RESTRICTED AREA R-2401A OR R-2401B ACTIVE.  
 CHART NOTE: CIRCLING NA FOR CAT E NW OF RWY'S 8 AND 20.

**ADDITIONAL FLIGHT DATA:**

CHART SPEED ICON IN PLANVIEW AT FIGGS: MAX 230 KIAS.  
 HOLD NE, RT, 215.51 INBOUND.  
 CHART ARRIVAL HOLDING AT FIGGS/10.00 DME/RADAR: HOLD NE, RT, 215.51 INBOUND, 16000.  
 CHART HOG A MOA.  
 CHART R2401A/B, R2402 A/B/C.  
 CHART VDP AT 8.18 DME.  
 DISTANCE VDP TO THLD 1.87 NM.  
 CHART FSM R-211 AT PIYIC.  
 FAC CROSSES RWY C/L EXTENDED 2393 FT FROM THLD.  
 CHART CIRCLING ICON.  
 ORBIE TO RW08: 3.11/51.

**MINIMUMS:**

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

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

<b><u>CATEGORY:</u></b>	<b>A</b>			<b>B</b>			<b>C</b>			<b>D</b>			<b>E</b>			
	<b><u>FINAL TYPE</u></b>	<b><u>DA/MDA</u></b>	<b><u>VIS</u></b>	<b><u>HAT/HAA</u></b>	<b><u>DA/MDA</u></b>	<b><u>VIS</u></b>	<b><u>HAT/HAA</u></b>	<b><u>DA/MDA</u></b>	<b><u>VIS</u></b>	<b><u>HAT/HAA</u></b>	<b><u>DA/MDA</u></b>	<b><u>VIS</u></b>	<b><u>HAT/HAA</u></b>	<b><u>DA/MDA</u></b>	<b><u>VIS</u></b>	<b><u>HAT/HAA</u></b>
S-08			NA			NA		1120	1 7/8	651	1120	1 7/8	651	1120	1 7/8	651
CIRCLING			NA			NA		1400	2 3/4	931	1400	3	931	1400	3	931

**CHANGES - REASONS**

1. CHANGED NOTE 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" - IAW 8260.19I PARA 8-6-11.O.(5).D).
2. REMOVED CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY - IAW - 8260.32F PARA 2-1-1.B.(3) "FOR HIGH ALTITUDE - PROCEDURES, DO NOT REFER TO THE INOPERATIVE TABLE".
3. CHANGED CIRCLING VISIBILITY CAT C FROM 2 TO 2 3/4, CAT D FROM 2 1/4 TO 3 AND CAT E FROM 2 3/4 TO 3 - RWY 26 EXTENSION.
4. CHANGED CHART NOTE FROM CIRCLING TO RWY 20 AND 26 NA AT NIGHT TO CIRCLING RWY 20, 26 NA AT NIGHT - IAW 8260.19I PARA 8-6-11 O.(2)(G).



AIRPORT ID  
KFSM

PROCEDURE NAME  
HI - VOR Y OR TACAN Y RWY 8

ORIGINAL/AMENDMENT  
7C

CITY  
FORT SMITH

STATE  
AR

COORDINATED WITH:

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

FLIGHT CHECKED BY  
PENDING

OFFICE  
FIOG

DATE  
02/28/2011

DEVELOPED BY  
RICHARD CAMPBELL

*Digitally signed by*  
**RICHARD E CAMPBELL**  
Apr 04, 2023

OFFICE  
AJV-A423

DATE  
03/31/2023

RECOMMENDED BY  
ALLAN WILL

OFFICE  
AJV-A423

DATE

TITLE  
MANAGER

APPROVED BY

OFFICE

DATE

TITLE



**FEDERAL AVIATION ADMINISTRATION  
FLIGHT STANDARDS SERVICE  
STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD**

<b>AIRPORT ID</b> KFSM	<b>PROCEDURE NAME</b> HI - VOR Y OR TACAN Y RWY 8	<b>AMDT NO.</b> 7C	<b>CITY</b> FORT SMITH	<b>STATE</b> AR	<b>AIRPORT ELEVATION</b> 469	<b>FACILITY</b> FSM
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**PART A: OBSTRUCTION DATA SEGMENTS**

**INITIAL**

**FROM** FIGGS/10.00 DME/RADAR **TO** FSM VORTAC

**RNP**                      **DISTANCE**                      **PAT**                      **MAP**                      **HAT**                      **HMAS**  
10.00

<b><u>OBSTRUCTION</u></b>	<b><u>COORDINATES</u></b>	<b><u>ELEV MSL</u></b>	<b><u>HORZ</u></b>	<b><u>VERT</u></b>	<b><u>AC</u></b>	<b><u>ROC</u></b>	<b><u>OCS</u></b>	<b><u>CG</u></b>	<b><u>CGTA</u></b>	<b><u>ADJUSTMENTS</u></b>	<b><u>MIN ALT</u></b>
AAO	353333.00N/0941127.00W	1099	164	98	4E	1000				AT13901	16000
TERRAIN	353206.00N/0941051.00W	886 (900)								AS1500	2400

**COMPUTATIONS**

**ALT      KIAS      KTAS      HAA      VKTW      TR      BA      DTA      COURSE CHANGE      DVEB      VEB OCS      RF CENTER FIX/DISTANCE**

**SEGMENT REMARKS:**

**INITIAL**

**FROM** FSM VORTAC **TO** HIVOM/7.00 DME

**RNP**                      **DISTANCE**                      **PAT**                      **MAP**                      **HAT**                      **HMAS**  
7.00

<b><u>OBSTRUCTION</u></b>	<b><u>COORDINATES</u></b>	<b><u>ELEV MSL</u></b>	<b><u>HORZ</u></b>	<b><u>VERT</u></b>	<b><u>AC</u></b>	<b><u>ROC</u></b>	<b><u>OCS</u></b>	<b><u>CG</u></b>	<b><u>CGTA</u></b>	<b><u>ADJUSTMENTS</u></b>	<b><u>MIN ALT</u></b>
TOWER (05-002405)	352046.69N/0942344.43W	828	50	3	2A	1000				AT14172	16000
TERRAIN	352046.65N/0942344.80W	708 (700)								AS1500	2200

**COMPUTATIONS**

**ALT      KIAS      KTAS      HAA      VKTW      TR      BA      DTA      COURSE CHANGE      DVEB      VEB OCS      RF CENTER FIX/DISTANCE**

**SEGMENT REMARKS:**



**INITIAL: STEPDOWN**

**FROM** HIVOM/7.00 DME **TO** PIYIC/20.00 DME

<b>RNP</b>	<b>DISTANCE</b> 13.00	<b>PAT</b>	<b>MAP</b>	<b>HAT</b>	<b>HMAS</b>
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<b>OBSTRUCTION</b>	<b>COORDINATES</b>	<b>ELEV MSL</b>	<b>HORZ</b>	<b>VERT</b>	<b>AC</b>	<b>ROC</b>	<b>OCS</b>	<b>CG</b>	<b>CGTA</b>	<b>ADJUSTMENTS</b>	<b>MIN ALT</b>
AAO	350327.00N/0942736.00W	2110	164	98	4E	1000				AT6890	10000
TERRAIN	351330.00N/0942127.00W	896 (900)								AS1500	2400

**COMPUTATIONS**

<u>ALT</u>	<u>KIAS</u>	<u>KTAS</u>	<u>HAA</u>	<u>VKTW</u>	<u>TR</u>	<u>BA</u>	<u>DTA</u>	<u>COURSE CHANGE</u>	<u>DVEB</u>	<u>VEB OCS</u>	<u>RF CENTER FIX/DISTANCE</u>
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**SEGMENT REMARKS:**

**INITIAL: ARC STEPDOWN**

**FROM** PIYIC/20.00 DME CW **TO** FIRIS/20.00 DME

<b>RNP</b>	<b>DISTANCE</b> 24.00	<b>PAT</b>	<b>MAP</b>	<b>HAT</b>	<b>HMAS</b>
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<b>OBSTRUCTION</b>	<b>COORDINATES</b>	<b>ELEV MSL</b>	<b>HORZ</b>	<b>VERT</b>	<b>AC</b>	<b>ROC</b>	<b>OCS</b>	<b>CG</b>	<b>CGTA</b>	<b>ADJUSTMENTS</b>	<b>MIN ALT</b>
TOWER (40-001921)	350420.03N/0944045.91W	2636	20	3	1A	1000				AT355	4000
TERRAIN	350418.00N/0944048.00W	2382 (2400)								AS1500	3900

**COMPUTATIONS**

<u>ALT</u>	<u>KIAS</u>	<u>KTAS</u>	<u>HAA</u>	<u>VKTW</u>	<u>TR</u>	<u>BA</u>	<u>DTA</u>	<u>COURSE CHANGE</u>	<u>DVEB</u>	<u>VEB OCS</u>	<u>RF CENTER FIX/DISTANCE</u>
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**SEGMENT REMARKS:**

TEARDROP R-211 (FSM VORTAC) (IAF) OUTBOUND, HIVOM/7.00 DME 16,000, PIYIC/20.00 DME RT AT 10,000 WITHIN 24 MILES OF FSM VORTAC, R-2331 INBOUND, 4,000 TO FIRIS/20.00 DME, 2400 TO ORBIE/12.00 DME.





**AIRPORT ID**  
KFSM

**PROCEDURE NAME**  
HI - VOR Y OR TACAN Y RWY 8

**AMDT NO.**  
7C

**CITY**  
FORT SMITH

**STATE**  
AR

**AIRPORT ELEVATION**  
469

**FACILITY**  
FSM

**MISSED APPROACH**

**FROM**  
WULAR/6.31 DME

**TO**  
FIGGS/10.00 DME/RADAR

**RNP                      DISTANCE                      PAT                      MAP                      HAT                      HMAS**  
870

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
							ASC				4000
AAO	353421.00N/0941306.00W	1254	164	98	4E	1000					2300
TERRAIN	353421.00N/0941306.00W	1054 (1100)								AS1500	2600

**COMPUTATIONS**

**ALT                      KIAS                      KTAS                      HAA                      VKTW                      TR                      BA                      DTA                      COURSE CHANGE                      DVEB                      VEB OCS                      RF CENTER FIX/DISTANCE**

**SEGMENT REMARKS:**

**CIRCLING**     ALL CATS     CAT A     CAT B     CAT C     CAT D     CAT E     NOT AUTHORIZED

OBSTRUCTION	COORDINATES	RADIUS	HAA	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
<b>CATEGORY C</b>											
TOWER (05-000057)	352116.00N/0942554.00W	2.86	931	1047	250	50	4D	300		AC50	1400
<b>CATEGORY D</b>											
TOWER (05-000057)	352116.00N/0942554.00W	3.74	931	1047	250	50	4D	300		AC50	1400
<b>CATEGORY E</b>											
AAO	351533.00N/0942357.00W	4.67	931	962	164	98	4E	300		AC98 XP40	1400

**CIRCLING REMARKS:**

XP = RAISED TO MEET CAT C/D



**MSA**

**CENTER**  
FSM VORTAC

**RADIUS**  
25

<u>SECTOR</u>	<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>BEARING</u>	<u>DISTANCE</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
090-270	TOWER (05-002031)	345745.22N/0942230.92W	184	26.0	2890	20	3	1A	1000			3900
270-090	TOWER (05-000424)	354853.00N/0940141.00W	018	28.2	3415	500	125	5E	1000			4500

**MSA REMARKS:**

**ESA**

**CENTER**  
FSM VORTAC

**RADIUS**  
100

<u>SECTOR</u>	<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>BEARING</u>	<u>DISTANCE</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
360-360	TOWER (05-000424)	354853.00N/0940142.00W	018	28.2	3449	500	125	5E	1000			4500

**ESA REMARKS:**

**NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:**





**PART B: SUPPLEMENTAL DATA**

COMMUNICATIONS WITH  
ZME ARTCC, RZC APP CON, FSM TOWER

<u>WX SERVICE</u> ASOS	<u>LOCATION</u> KFSM	<u>HRS OPERATION</u> 24	<u>ALTIMETER SOURCE</u> KFSM	<u>DISTANCE</u> 0	<u>SERVICE-A</u> Y	<u>ADJUSTMENTS</u> 0
<u>BACK-UP WX SERVICE</u>	<u>LOCATION</u>	<u>HRS OPERATION</u>	<u>ALTIMETER SOURCE</u>	<u>DISTANCE</u>	<u>SERVICE-A</u>	<u>ADJUSTMENTS</u>

WX REMARKS:  
REDUNDANT WEATHER SOURCES (DIGITAL ALTIMETER SETTING SYSTEM) BACKUP ALTIMETER NOT REQUIRED

<u>PRIMARY NAVAID</u> FSM VORTAC	<u>MONITOR POINT</u> OCC	<u>HRS OPERATION</u> 24 HOURS	<u>CAT</u> 1
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<u>APPROACH AND RUNWAY LIGHTING SYSTEM</u>	<u>RUNWAY MARKINGS</u>	<u>RUNWAY VISUAL RANGE</u>
RW02 - MIRL (PCL), PAPI-4R	NPI-G	
RW20 - MIRL (PCL), PAPI-4L	NPI-G	
RW08 - MALSR (PCL), HIRL (PCL), PAPI-4R	PIR-G	ROLL OUT
RW26 - MALSR (PCL), HIRL (PCL), PAPI-4L	PIR-G	APPROACH

<u>GLIDESLOPE ANGLE</u>	<u>ELEV RWY THRESHOLD</u>	<u>TCH</u>	<u>ELEV GS ANTENNA</u>	<u>DISTANCE FROM RWY</u>	<u>VGSI ANGLE</u> 3.00	<u>TCH</u> 51.3
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FINAL APPROACH COURSE AIMING

RUNWAY THRESHOLD	<input type="checkbox"/>	2393 FT FROM THRESHOLD	DISPLACED THRESHOLD DISTANCE
ON CENTERLINE	<input checked="" type="checkbox"/>	FT FROM CENTERLINE	

CRITICAL TEMPERATURES

<u>CRITICAL LOW</u>	<u>CRITICAL HIGH</u>	<u>ACT</u>	<u>APT ISA</u>
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CRITICAL TEMPERATURE REMARKS:

"VISUAL PORTION OF FINAL" PENETRATIONS

Final Type	CIRCLING RWY 20	
20:1		

519 TREE (05-097870) 352055.42N/0942144.80W (15.2)	516 TREE (05-097846) 352054.99N/0942144.24W (13.39)
512 TREE (05-096597) 352055.27N/0942144.56W (8.55)	527 TREE (05-095263) 352059.17N/0942144.96W (5.76)
508 TREE (05-095482) 352055.04N/0942144.49W (5.53)	508 TREE (05-094529) 352055.55N/0942145.88W (5.2)
510 TREE (05-093884) 352055.81N/0942144.95W (4.59)	
Final Type CIRCLING RWY 26	
20:1	
612 TOWER (05-002293) 352045.06N/0942042.19W (8.91)	514 TREE (05-098013) 352027.84N/0942101.36W (2.69)
Final Type S-8	
34:1	
523 TOWER (05-022527) 351934.12N/0942214.81W (14.35)	491 TREE (05-029951) 351943.73N/0942213.12W (10.49)
481 TREE (05-098022) 351946.75N/0942211.29W (10.47)	480 TREE (05-094759) 351947.02N/0942211.19W (10.31)
481 TREE (05-029740) 351946.99N/0942212.27W (10.27)	484 TREE (05-094450) 351945.78N/0942211.93W (10.22)
475 TREE (05-096159) 351948.39N/0942209.95W (10.2)	482 TREE (05-095225) 351946.43N/0942211.87W (10.07)
480 TREE (05-097358) 351948.21N/0942215.44W (9.87)	477 TREE (05-095901) 351948.23N/0942212.19W (9.78)
481 TREE (05-093931) 351946.35N/0942210.84W (9.76)	480 TREE (05-096188) 351948.36N/0942216.12W (9.68)
483 TREE (05-094254) 351946.16N/0942212.63W (9.66)	482 TREE (05-095577) 351946.33N/0942212.43W (9.3)
482 TREE (05-096819) 351946.13N/0942212.14W (9)	476 TREE (05-095165) 351947.67N/0942210.26W (8.93)
479 TREE (05-093998) 351947.85N/0942214.27W (8.9)	481 TREE (05-095020) 351946.10N/0942211.12W (8.82)
481 TREE (05-068775) 351947.65N/0942216.39W (8.48)	482 TREE (05-093819) 351945.86N/0942212.19W (8.21)
477 TREE (05-095546) 351947.26N/0942211.21W (7.96)	479 TREE (05-097986) 351947.87N/0942215.41W (7.95)
481 TREE (05-093948) 351947.19N/0942215.81W (7.71)	473 TREE (05-030070) 351948.14N/0942209.82W (7.62)
474 TREE (05-094979) 351948.11N/0942210.95W (7.54)	475 TREE (05-096960) 351948.37N/0942213.31W (7.19)
482 TREE (05-093706) 351946.82N/0942216.46W (7.11)	477 TREE (05-094136) 351947.14N/0942211.89W (7.02)
477 TREE (05-095983) 351946.82N/0942211.02W (6.9)	472 TREE (05-095224) 351948.23N/0942210.16W (6.57)
470 TRAVERSE_WAY (05-096302) 351949.15N/0942210.78W (6.57)	476 TREE (05-093623) 351948.04N/0942214.56W (6.17)
469 TRAVERSE_WAY (05-097391) 351949.13N/0942210.16W (6.07)	470 TRAVERSE_WAY (05-096080) 351949.17N/0942211.47W (6.02)
481 TREE (05-094935) 351945.01N/0942211.28W (5.65)	467 TREE (05-093925) 351949.52N/0942209.64W (5.6)
488 TREE (05-095029) 351943.34N/0942214.17W (5.48)	480 TREE (05-095517) 351945.25N/0942211.29W (5.31)
480 TREE (05-094857) 351946.78N/0942216.13W (5.29)	474 TREE (05-096904) 351948.01N/0942213.22W (5.27)



472 TREE (05-097893) 351948.16N/0942211.54W (5.16)	478 TREE (05-094373) 351947.40N/0942216.03W (5.1)
470 TRAVERSE_WAY (05-027381) 351949.20N/0942212.72W (5.01)	471 TRAVERSE_WAY (05-097125) 351949.23N/0942214.01W (4.95)
471 TRAVERSE_WAY (05-095869) 351949.24N/0942214.42W (4.62)	478 TREE (05-097778) 351947.26N/0942216.40W (4.39)
476 TREE (05-096532) 351947.04N/0942213.53W (4.3)	478 TREE (05-095211) 351946.98N/0942215.69W (4.24)
473 TREE (05-094243) 351948.28N/0942214.13W (4.21)	485 TREE (05-095382) 351943.52N/0942212.81W (4.18)
471 TRAVERSE_WAY (05-093960) 351949.26N/0942215.29W (3.91)	478 TREE (05-095487) 351946.72N/0942215.28W (3.88)
471 TREE (05-094923) 351948.01N/0942211.42W (3.85)	475 TREE (05-097509) 351947.41N/0942214.07W (3.85)
475 TREE (05-094047) 351947.10N/0942213.19W (3.77)	468 TREE (05-095184) 351949.72N/0942213.53W (3.74)
486 TREE (05-097395) 351943.05N/0942213.01W (3.7)	465 TREE (05-030066) 351949.40N/0942209.42W (3.47)
474 TREE (05-095283) 351947.66N/0942214.19W (3.44)	466 TREE (05-094761) 351949.55N/0942211.61W (2.95)
472 TREE (05-095476) 351947.54N/0942212.25W (2.82)	467 TREE (05-095954) 351948.61N/0942210.00W (2.76)
475 TREE (05-095541) 351946.19N/0942211.47W (2.76)	469 TREE (05-094281) 351947.89N/0942210.19W (2.6)
470 TREE (05-094925) 351948.09N/0942212.13W (2.45)	470 TREE (05-097454) 351948.33N/0942212.94W (2.4)
472 TREE (05-030073) 351948.13N/0942214.65W (2.34)	467 TREE (05-096406) 351949.54N/0942213.56W (2.21)
476 TREE (05-095418) 351945.54N/0942211.19W (2.2)	472 TREE (05-096051) 351947.76N/0942213.70W (2.15)
475 TREE (05-096913) 351947.47N/0942216.27W (2.08)	465 TREE (05-097751) 351949.51N/0942211.36W (2.06)
474 TREE (05-097810) 351947.45N/0942215.13W (2.03)	468 TREE (05-094828) 351948.00N/0942210.25W (1.85)
472 TREE (05-027093) 351947.97N/0942214.72W (1.84)	475 TREE (05-095041) 351946.91N/0942214.86W (1.77)
504 TRANSMISSION_LINE (05-022579) 351936.56N/0942215.30W (1.68)	504 POLE (05-029970) 351936.56N/0942215.30W (1.68)
469 TREE (05-096458) 351948.65N/0942213.70W (1.62)	470 TREE (05-094084) 351948.40N/0942214.07W (1.6)
467 TREE (05-094862) 351949.45N/0942214.08W (1.5)	479 TREE (05-095065) 351944.35N/0942211.66W (1.49)
468 TREE (05-095718) 351949.54N/0942215.76W (1.27)	474 TREE (05-096233) 351947.25N/0942215.44W (1.2)
465 TREE (05-095853) 351949.40N/0942212.01W (1.19)	474 TREE (05-095250) 351946.72N/0942213.91W (1.08)
472 TREE (05-094372) 351947.53N/0942214.30W (0.98)	477 TREE (05-098025) 351944.78N/0942211.39W (0.92)
474 TREE (05-096142) 351946.54N/0942213.54W (0.91)	473 TREE (05-094357) 351946.46N/0942212.20W (0.87)
464 TREE (05-095513) 351949.55N/0942211.78W (0.8)	463 TREE (05-096871) 351949.38N/0942210.19W (0.73)
501 TRANSMISSION_LINE (05-022565) 351936.58N/0942213.05W (0.72)	501 POLE (05-027382) 351936.58N/0942213.05W (0.72)
469 TREE (05-093687) 351947.93N/0942212.56W (0.63)	466 TREE (05-095202) 351948.29N/0942210.32W (0.59)
471 TREE (05-096964) 351947.16N/0942212.90W (0.19)	463 TREE (05-030068) 351949.36N/0942210.90W (0.05)



**PENETRATIONS REMARKS:**

612 TOWER (05-002293) IS LIT.

**HELICOPTER 'VISUAL PORTION OF FINAL' PENETRATIONS**

and/or

**5280-FT "PROCEED VFR" SEGMENT LEVEL SURFACE AREA PENETRATIONS**

**PENETRATIONS REMARKS:**

**PART C: GENERAL REMARKS:**

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

OBS #1 LOCATED 2 FT INTO SECONDARY

AVERAGE VEGETATION 100' PER FPT.

ORDER 8260.3, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED.



AIRPORT ID  
KFSM

PROCEDURE NAME  
HI - VOR Y OR TACAN Y RWY 8

AMDT NO.  
7C

CITY  
FORT SMITH

STATE  
AR

AIRPORT ELEVATION  
469

FACILITY  
FSM

**PART D: AIRSPACE**

**DOCKET #**

**ALL DISTANCES TO 1/100NM; ELEVATION TO NEAREST 100 FEET; COORDINATES TO 1/100 SECOND; DEG TO 1/100 DEGREE**

DISTANCE FROM	THLD	TO 1000FT POINT	3.36
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	2.97
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	060.00
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	708
DISTANCE FROM	THLD	TO 1500FT POINT	5.29
WIDTH OF	FINAL	SEGMENT AT 1500FT POINT	3.16
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1500FT POINT	060.00
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1500FT POINT	708

**THRESHOLD COORDINATES (IF STR-IN)** 352000.97N/0942253.23W

**ARP COORDINATES** 352011.93N/0942157.99W

**RUNWAY APCH END AND DIST FURTHEST FROM ARP** RUNWAY 8 DISTANCE 0.71 NM

**FAF COORDINATES** 351717.09N/0942859.15W

**FIX NAME COORDINATES**

**REMARKS**

NO ADDITIONAL AIRSPACE REQUIRED.



AIRPORT ID  
KFSM

PROCEDURE NAME  
HI - VOR Y OR TACAN Y RWY 8

AMDT NO.  
7C

CITY  
FORT SMITH

STATE  
AR

AIRPORT ELEVATION  
469

FACILITY  
FSM

**PART E: PREPARED BY**

NAME  
RICHARD CAMPBELL

OFFICE  
AJV-A423

DATE  
03/31/2023

TITLE  
AERONAUTICAL INFORMATION SPECIALIST

