

**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 ID</u> SAW	<u>PROCEDURE NAME</u> ILS OR LOC RWY 1	<u>ORIGINAL/AMENDMENT</u> 2A	<u>CITY</u> MARQUETTE	<u>STATE</u> MI
<u>AIRPORT ELEVATION</u> 1205	<u>TDZE</u> 1180	<u>SUPERSEDED</u> ILS OR LOC RWY 1	<u>ORIGINAL/AMENDMENT</u> 2	<u>DATED</u> 04/17/2025
<u>FACILITY</u> I-SOU	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u>	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>MAG VAR</u> 4W
				<u>EPOCH YEAR</u> 2000
				<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>
SAW VOR/DME		EVYIP INT/SAW 17.47 DME					192.50	17.47	3500
ESC VOR/DME	IAF	EVYIP INT/SAW 17.47 DME	NOPT				323.60	26.02	3500
EVYIP INT/SAW 17.47 DME	IF/IAF	FOLUK/SAW 5.94 DME					012.96 (I-SOU)	11.53	2700

**MISSED APPROACH**

**MAP:**

ILS: DA  
LOC: SAW 1.33 DME

**MISSED APPROACH INSTRUCTIONS:**

CLIMB TO 1700 THEN CLIMBING RIGHT TURN TO 3000 ON HEADING 138.00 AND ON SAW VOR/DME R-095 TO YEXJO INT AND HOLD, CONTINUE CLIMB-IN-HOLD TO 3000.

**ALTERNATE MISSED APPROACH INSTRUCTIONS:**

**PROFILE:**

- PT**                      **SIDE OF COURSE**                      **OUTBOUND**                      **FT WITHIN**                      **MILES OF**                      (IAF)
- HOLD S EVYIP INT/SAW 17.47 DME, RT, 012.96 INBOUND, 3500 IN LIEU OF PT (IAF), MAX 5000.
- FAC:** 012.96                      **FAF:** FOLUK/SAW 5.94 DME                      **DIST FAF TO MAP:**                      **DIST FAF TO THLD:** 4.62
- MIN ALT:** EVYIP INT/SAW 17.47 DME 3500, FOLUK/SAW 5.94 DME 2700, GAMGE/SAW 3.87 DME 2040
- DIST TO THLD FROM PFAF:** 4.62                      **MM:**                      **IM:**                      **150 HAT:**                      **GS ANT:** 954
- MIN GS INCPT:** 2700                      **GS ALT AT PFAF:** FOLUK/SAW 5.94 DME 2700                      **OM:**                      **MM:**                      **IM:**
- GS ANGLE:** 3.00                      **34:1:**                      **20:1:**                      **TCH:** 50.1
- MSA FROM:** SAW VOR/DME 070-170 3100, 170-070 3700



**EQUIPMENT REQUIREMENTS NOTES:**

DME REQUIRED FOR LOC ONLY.

**NOTES:**

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON SAW VOR/DME AIRWAY RADIALS 165 CW 227.  
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON ESC VOR/DME AIRWAY RADIALS 278 CW 341.  
CHART NOTE: AUTOPILOT COUPLED APPROACH NA BELOW 1360 MSL.

**ADDITIONAL FLIGHT DATA:**

HOLD E, RT, 275.29 INBOUND.  
CHART FAS OBST: 1289 TREE (26-096265) 461842N/0872359W.  
CHART VDP AT 2.42 DME.  
DISTANCE VDP TO THLD 1.10 NM.

**MINIMUMS:**

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

**ALTERNATE:** NA

<b>CATEGORY:</b>	<b>A</b>			<b>B</b>			<b>C</b>			<b>D</b>			<b>E</b>		
<b>FINAL TYPE</b>	<b>DA/MDA</b>	<b>VIS</b>	<b>HAT/HAA</b>	<b>DA/MDA</b>	<b>VIS</b>	<b>HAT/HAA</b>	<b>DA/MDA</b>	<b>VIS</b>	<b>HAT/HAA</b>	<b>DA/MDA</b>	<b>VIS</b>	<b>HAT/HAA</b>	<b>DA/MDA</b>	<b>VIS</b>	<b>HAT/HAA</b>
S-ILS 01	1380	1/2	200	1380	1/2	200	1380	1/2	200	1380	1/2	200			
S-LOC 01	1580	1/2	400	1580	1/2	400	1580	5/8	400	1580	5/8	400			
CIRCLING	1680	1	475	1680	1	475	1820	1 3/4	615	1820	2	615			

**CHANGES - REASONS**

1. REMOVED CHART CIRCLING ICON. - NO LONGER REQUIRED.
2. LINE 8: UPDATED MSA FROM: SAW VOR/DME 250-350 3700, 350-250 3100 TO SAW VOR/DME 070-170 3100, 170-070 3700. – TO REMOVE NOTAM 5/5892.

**COORDINATED WITH:**

**A4A**  **ALPA**  **AOPA**  **APA**  **HAI**  **NBAA**  **OTHER:** ZMP, AMGR

**FLIGHT CHECKED BY**

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

**OFFICE** *Digitally signed by* **DATE**  
**CASIMIR L TABAKA**  
Feb 04, 2026

**DEVELOPED BY**

CASIMIR L. TABAKA (BARBARA GORMAN)

*Digitally signed by* **OFFICE** **DATE**  
**CASIMIR L TABAKA** AJV-A432 10/14/2025  
Feb 04, 2026

**APPROVED BY**

CASIMIR L. TABAKA

*Digitally signed by*  
**CASIMIR L TABAKA**  
Feb 04, 2026

**OFFICE** **DATE**  
AJV-A430

**TITLE**  
MANAGER









**AIRPORT ID**  
SAW

**PROCEDURE NAME**  
ILS OR LOC RWY 1

**AMDT NO.**  
2A

**CITY**  
MARQUETTE

**STATE**  
MI

**AIRPORT ELEVATION**  
1205

**FACILITY**  
I-SOU

**HOLD-IN-LIEU OF PT**

**FROM**  
EVYIP INT/SAW 17.47 DME

**TO**  
P-5

**RNP**                      **DISTANCE**                      **PAT**                      **MAP**                      **HAT**                      **HMAS**  
P-5

<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	460418.00N/0873236.00W	1388	215	8	4B	1000				AT1112	3500
TERRAIN	460418.00N/0873236.00W	1187 (1200)								AS1500	2700

**COMPUTATIONS**

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

**SEGMENT REMARKS:**

**MISSED APPROACH: ILS**

**FROM**  
DA

**TO**  
YEXJO INT

**RNP**                      **DISTANCE**                      **PAT**                      **MAP**                      **HAT**                      **HMAS**  
1214

<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>
							ASC				3000
TOWER (26-000261)	461825.00N/0871835.00W	1601	20	50	1D	1000					2700
TERRAIN	461800.00N/0871648.00W	1309 (1300)								AS1500	2800

**COMPUTATIONS**

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

**SEGMENT REMARKS:**



**AIRPORT ID**  
SAW

**PROCEDURE NAME**  
ILS OR LOC RWY 1

**AMDT NO.**  
2A

**CITY**  
MARQUETTE

**STATE**  
MI

**AIRPORT ELEVATION**  
1205

**FACILITY**  
I-SOU

**MISSED APPROACH: LOC**

**FROM**  
SAW 1.33 DME

**TO**  
YEXJO INT

**RNP**                      **DISTANCE**                      **PAT**                      **MAP**                      **HAT**                      **HMAS**  
1330

<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>
STACK (26-037138)	462033.12N/0872317.64W	1335	20	3	1A		ASC				3000
TOWER (26-000261)	461825.00N/0871835.00W	1601	20	50	1D	1000					2700
TERRAIN	461800.00N/0871648.00W	1309 (1300)								AS1500	2800

**COMPUTATIONS**

**ALT**    **CIAS**    **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

<b>OBSTRUCTION</b>	<b>COORDINATES</b>	<b>RADIUS</b>	<b>HAA</b>	<b>ELEV MSL</b>	<b>HORZ</b>	<b>VERT</b>	<b>AC</b>	<b>ROC</b>	<b>OCS</b>	<b>ADJUSTMENTS</b>	<b>MIN ALT</b>
CATEGORY A											
TREE (26-043851)	462221.27N/0872206.47W	1.31	475	1363	20	10	1B	300			1680
CATEGORY B											
TREE (26-043851)	462221.27N/0872206.47W	1.85	475	1363	20	10	1B	300			1680
CATEGORY C											
TOWER (26-002103)	461853.33N/0872024.28W	2.91	615	1466	250	50	4D	300		AC50	1820
CATEGORY D											
AAO	462354.00N/0872721.00W	3.80	615	1473	215	8	4B	300			1820

**CIRCLING REMARKS:**

**MSA**

**CENTER**  
SAW VOR/DME

**RADIUS**  
25

<b>SECTOR</b>	<b>OBSTRUCTION</b>	<b>COORDINATES</b>	<b>BEARING</b>	<b>DISTANCE</b>	<b>ELEV MSL</b>	<b>HORZ</b>	<b>VERT</b>	<b>AC</b>	<b>ROC</b>	<b>OCS</b>	<b>ADJUSTMENTS</b>	<b>MIN ALT</b>
070-170	TOWER (26-000434)	460805.00N/0865656.00W	130	23.0	2022	250	50	4D	1000			3100
170-070	TOWER (26-000555)	462110.00N/0875115.00W	273	19.0	2601	250	50	4D	1000			3700

QUALITY  
21  
CHECKED

**MSA REMARKS:**

**AIRPORT ID**  
SAW

**PROCEDURE NAME**  
ILS OR LOC RWY 1

**AMDT NO.**  
2A

**CITY**  
MARQUETTE

**STATE**  
MI

**AIRPORT ELEVATION**  
1205

**FACILITY**  
I-SOU

**NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:**

**PART B: SUPPLEMENTAL DATA**

**COMMUNICATIONS WITH**

ZMP ARTCC

<b>WX SERVICE</b> AWOS-3PT	<b>LOCATION</b> SAW	<b>HRS OPERATION</b> 24	<b>ALTIMETER SOURCE</b> SAW	<b>DISTANCE</b>	<b>WMSCR</b> Y	<b>ADJUSTMENTS</b> 0
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<b>BACK-UP WX SERVICE</b> ASOS	<b>LOCATION</b> IMT	<b>HRS OPERATION</b> 24	<b>ALTIMETER SOURCE</b> IMT	<b>DISTANCE</b> 43.93	<b>WMSCR</b> Y	<b>ADJUSTMENTS</b> 113
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**WX REMARKS:**

RASS PRESSURE PATTERNS THE SAME  
SAW 1205, IMT 1126  
RA = 112.1

<b>PRIMARY NAVAID</b> I-SOU	<b>MONITOR POINT</b>	<b>HRS OPERATION</b> 24	<b>CAT</b> 3
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<b>APPROACH AND RUNWAY LIGHTING SYSTEM</b>	<b>RUNWAY MARKINGS</b>	<b>RUNWAY VISUAL RANGE</b>
RW01 - MALSR (PCL), HIRL (PCL), PAPI-4L (PCL)	PIR-F	
RW19 - REIL (PCL), HIRL (PCL), PAPI-4L (PCL)	PIR-F	

<b>GLIDESLOPE ANGLE</b> 3.00	<b>ELEV RWY THRESHOLD</b> 1178.6	<b>TCH</b> 50.1	<b>ELEV GS ANTENNA</b> 1175.6	<b>DISTANCE FROM RWY</b> 954	<b>VGSI ANGLE</b> 3.00	<b>TCH</b> 51.0
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**FINAL APPROACH COURSE AIMING**

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

**CRITICAL TEMPERATURES**

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

**"VISUAL PORTION OF FINAL" PENETRATIONS**



**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.

MAX VEGETATION 100 FT PER FPT.

FOR CONTINGENCY PURPOSES:

WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE IMT ALTIMETER SETTING AND INCREASE S-ILS 1 DA TO 1493 FEET; INCREASE ALL MDAS 120 FEET AND S-LOC 1 VISIBILITY CATS C AND D 3/8 SM, AND CIRCLING VISIBILITY CATS C AND D 1/4 SM. VDP NA WHEN USING IMT ALTIMETER SETTING.

FOR INOPERATIVE ALS WHEN USING IMT ALTIMETER SETTING, INCREASE S-ILS 1 VISIBILITY ALL CATS TO 7/8 SM, AND S-LOC 1 VISIBILITY CATS C AND D TO 1 3/8 SM.

ORDER 8260.3, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED.

**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	3.05
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	0.88
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	008.96
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	1200
DISTANCE FROM	THLD	TO 1500FT POINT	4.62
WIDTH OF	FINAL	SEGMENT AT 1500FT POINT	1.22
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1500FT POINT	008.96
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1500FT POINT	1200

**THRESHOLD COORDINATES (IF STR-IN)**

ARP COORDINATES	462012.74N/0872357.00W
RUNWAY APCH END AND DIST FURTHEST FROM ARP	462056.97N/0872346.94W
FAF COORDINATES	RUNWAY 19 DISTANCE 0.75 NM
FIX NAME COORDINATES	461539.06N/0872459.22W

**REMARKS**

**PART E: PREPARED BY**

<b>NAME</b>	<b>OFFICE</b>	<b>DATE</b>	<b>TITLE</b>
CASIMIR L. TABAKA (BARBARA GORMAN)	AJV-A432	10/14/2025	AERONAUTICAL INFORMATION SPECIALIST

