

**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>	<u>PROCEDURE NAME</u>	<u>ORIGINAL/AMENDMENT</u>	<u>CITY</u>	<u>STATE</u>		
SAW	ILS OR LOC RWY 1	2	MARQUETTE	MI		
<u>AIRPORT ELEVATION</u>	<u>TDZE</u>	<u>SUPERSEDED</u>	<u>ORIGINAL/AMENDMENT</u>	<u>DATED</u>	<u>MAG VAR</u>	<u>EPOCH YEAR</u>
1205	1180	ILS OR LOC RWY 1	1B	04/23/2020	4W	2000
<u>FACILITY</u>	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u>	<u>REQUIRED EFFECTIVE DATE</u>	<u>CANCEL/SUSPEND</u>		
I-SOU		17 APRIL 2025	ROUTINE			

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:

1.	PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF	(IAF)
2.	HOLD S EVYIP INT/SAW 17.47 DME, RT, 012.96 INBOUND, 3500 FT. IN LIEU OF PT (IAF), MAX 5000.					
3.	FAC:	012.96	FAF:	FOLUK/SAW 5.94 DME	DIST FAF TO MAP:	DIST FAF TO THLD: 4.62
4.	MIN ALT:	EVYIP INT/SAW 17.47 DME 3500, FOLUK/SAW 5.94 DME 2700, GAMGE/SAW 3.87 DME 2040				
5.	DIST TO THLD FROM PFAF:	4.62	MM:	IM:	150 HAT:	GS ANT: 954
6.	MIN GS INCPT:	2700	GS ALT AT PFAF:	FOLUK/SAW 5.94 DME 2700	OM:	MM: IM:
7.	GS ANGLE:	3.00	34:1:	20:1:	TCH:	50.1
8.	MSA FROM:	SAW VOR/DME 250-350 3700, 350-250 3100				



PBN REQUIREMENTS NOTE:

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.
CHART CIRCLING ICON.

MINIMUMS:**TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT****ALTERNATE:** NA ☒

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 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. BASIC INFORMATION: CHANGE AIRPORT ELEVATION FROM 1204 TO 1205 – NEW AIRPORT SURVEY DATA
2. TERMINAL ROUTES: REMOVED IMT VOR/DME TO EVYIP SEGMENT – IMT VOR MON DECOMMISSION.
3. TERMINAL ROUTES: CHANGED EVYIP TO FOLUK COURSE FROM 12.95 TO “12.96 (I-SOU)” – IAW 8260.19J, 8-6-4.B(2) AND TARGETS EVALUATION.
4. MISSED APPROACH: CHANGED INTERCEPT HEADING FROM 101 TO 138 AND ADDED CLIMB IN HOLD – UPDATED HEADING TO ENSURE RADIAL INTERCEPT PRIOR TO YEXJO AND IAW 8260.3F, 16-7-1.
5. ALTERNATE MISSED APPROACH REMOVED – ATC/FPT REQUEST DUE TO PRIMARY AND ALTERNATE HAVE REDUNDANT INT FIX MAKEUP.
6. PROFILE LINE 2: CHANGED INBOUND COURSE FROM 12.95 TO 12.96 – MATCHED I-SOU LOCALIZER AIRNAV DATA.
7. PROFILE LINE 3: CHANGED FAC FROM 12.95 TO 12.96 – MATCHED I-SOU LOCALIZER AIRNAV DATA.
8. PROFILE LINE 4: UPDATED “GAMGE/SAW 3.88” DME TO “GAMGE/SAW 3.87 DME” – UPDATED FIX POSITION IAW 8260.3F, FORMULA 2-6-2.
9. PROFILE LINE 4: REMOVED “*” – NO LONGER NEEDED PER 8260.19J.
10. PLANVIEW NOTE: DELETED “PROCEDURE NA FOR ARRIVALS ON IMT VOR/DME AIRWAY RADIALS 044 CW 099” - IMT VOR MON DECOMMISSION.
11. ADDITIONAL FLIGHT DATA: CHANGED “CHART VDP AT 2.29 DME*” TO “CHART VDP AT 2.42 DME” – UPDATED IAW 8260.3F FORMULA 2-6-5, AND “*” NO LONGER NEEDED PER 8260.19J.
12. ADDITIONAL FLIGHT DATA: CHANGED DISTANCE VDP TO THLD FROM 0.97 NM TO 1.10 NM – UPDATED IAW 8260.3F, FORMULA 2-6-5.
13. ADDITIONAL FLIGHT DATA: REMOVED “* LOC ONLY” - NO LONGER NEEDED PER 8260.19J.
14. ADDITIONAL FLIGHT DATA: ADDED OBSTACLE ID TO FAS OBSTACLE – IAW 8260.19J, 8-6-11.C.
15. ADDITIONAL FLIGHT DATA: REMOVED ALTERNATE MA HOLDING PATTERN INFO – REMOVED ALTERNATE MISSED APPROACH.
16. MINIMUMS: DECREASE CAT A/B CIRCLING/HAA FROM 476 TO 475 – AIRPORT ELEVATION CHANGED FROM 1204 TO 1205.
17. MINIMUMS: DECREASE CAT C/D CIRCLING HAA FROM 616 TO 615 – AIRPORT ELEVATION CHANGED FROM 1204 TO 1205.



COORDINATED WITH:

A4A

X

ALPA

X

AOPA

X

APA

X

HAI

NBAA

X

OTHER:

ZMP, AMGR

FLIGHT CHECKED BY

SCOTT WIEBE

Digitally signed by

DAVID DANNER

Mar 03, 2025

OFFICE

AJF

DATE

03/02/2025

DEVELOPED BY

DAVID DANNER (DAVID FRESELLA)

Digitally signed by

DAVID DANNER

Mar 03, 2025

OFFICE

AJV-A421

DATE

09/23/2024

APPROVED BY

DAVID DANNER

Digitally signed by

DAVID DANNER

Mar 03, 2025

OFFICE

AJV-A421

DATE

02/20/2025

TITLE

MANAGER

