

FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.33

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> LWA	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 23	<u>ORIGINAL/AMENDMENT</u> 1H	<u>CITY</u> SOUTH HAVEN	<u>STATE</u> MI
<u>AIRPORT ELEVATION</u> 666	<u>TDZE</u> 666	<u>SUPERSEDED</u> RNAV (GPS) RWY 23	<u>ORIGINAL/AMENDMENT</u> 1G	<u>DATED</u> 12/26/2024
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 27 NOVEMBER 2025	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>MAG VAR</u> 3W
				<u>EPOCH YEAR</u> 1985
				<u>CANCEL/SUSPEND</u>

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
OSEGO		ZUBON		TF	FB	1.00	286.89	13.30	4000
RAINE		JUSRO		TF	FO	1.00	096.05	20.22	4000
ZEELE		RURDE		TF	FB	1.00	180.64	14.65	4000
ZUBON	IAF	JUSRO	NOPT	TF	FB	1.00	272.04	7.20	4000
RURDE	IAF	JUSRO	NOPT	TF	FB	1.00	181.93	7.00	4000
JUSRO	IF/IAF	KIDTE		TF	FB	1.00	226.93	7.00	2500
KIDTE	FAF	PIXOE/2.50 NM TO RW23		TF	FB	0.30	226.86	3.13	
PIXOE/2.50 NM TO RW23		RW23	MAP	TF	FO	0.30	226.86	2.50	
RW23	MAP	1060 MSL		CA			226.86		
1060 MSL		SUSOY		DF	FO	1.00			4000

MISSED APPROACH

MAP:

LNAV: RW23

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 4000 DIRECT SUSOY 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. HOLD NE JUSRO, RT, 226.93 INBOUND, 4000 IN LIEU OF PT (IAF), MAX 6000.

DIST FAF TO MAP:

5.63

DIST FAF TO THLD:

5.63
3. FAC: 226.86

FAF: KIDTE

150 HAT:

GS ANT:
4. MIN ALT: JUSRO 4000, KIDTE 2500, PIXOE/2.50 NM TO RW23 1500

OM:

MM:

IM:
5. DIST TO THLD FROM OM:

MM:

IM:
6. MIN GP INCPT:

GP ALT AT FAF:
7. GP ANGLE:

34:1: IS NOT CLEAR

20:1: IS CLEAR

TCH:
8. MSA FROM: RW23 2500

QUALITY
13
CHECKED

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: RWY 23 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
CHART NOTE: CIRCLING NA TO RWYS 14 AND 32.

ADDITIONAL FLIGHT DATA:

HOLD SW, RT, 046.66 INBOUND.
CHART FAS OBST: 799 TREE (26-148149) 422133N/0861412W.
CHART PROFILE NOTE: VISUAL SEGMENT - OBSTACLES.

MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD - CAT C 800-2 1/4, CAT D 800-2 1/2, NA WHEN LOCAL WEATHER NOT AVAILABLE.

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
LNAV MDA	1060	1	394	1060	1	394	1060	1 1/8	394	1060	1 1/8	394			
CIRCLING	1120	1	454	1160	1	494	1440	2 1/4	774	1440	2 1/2	774			

CHANGES - REASONS

1. TERMINAL ROUTES: REMOVED FEEDER FROM ELX - ELX DECOMMISSIONG DUE TO VORMON.
2. NOTES: REMOVED "CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON ELX VOR/DME AIRWAY RADIAL 002"
3. ADDITIONAL FLIGHT DATA: REMOVED "CHART CIRLCING ICON" - NO LONGER REQUIRED, IAW MEMO SUBJECT: REMOVAL OF CIRCLING ICONS DTD 5/15/2025.

COORDINATED WITH:

A4A ☐ ALPA ☒ AOPA ☒ APA ☐ HAI ☐ NBAA ☒ OTHER: SBN APP CON, ZAU ARTCC, AMGR

FLIGHT CHECKED BY

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

Digitally signed by OFFICE

RAKE MCGRAW

Jun 06, 2025

DATE

DEVELOPED BY

RAKE MCGRAW (JUDITH TUTTLE)

Digitally signed by

RAKE MCGRAW

Jun 06, 2025

OFFICE

AJV-A431

DATE

05/27/2025

APPROVED BY

RAKE MCGRAW

Digitally signed by

RAKE MCGRAW

Jun 06, 2025

OFFICE

AJV-A422

DATE

TITLE

MANAGER

