

**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> HAI	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 27	<u>ORIGINAL/AMENDMENT</u> 1	<u>CITY</u> THREE RIVERS	<u>STATE</u> MI		
<u>AIRPORT ELEVATION</u> 823	<u>TDZE</u> 823	<u>SUPERSEDED</u> RNAV (GPS) RWY 27	<u>ORIGINAL/AMENDMENT</u> ORIG-C	<u>DATED</u> 08/17/2017	<u>MAG VAR</u> 4W	<u>EPOCH YEAR</u> 2000
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 22 JANUARY 2026	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>		

TAA

<u>FROM</u>	<u>FIX TYPE</u>	<u>TO</u>	<u>FIX TYPE</u>	<u>ALTITUDE</u>
1. 184/30 CW 004/30	NOPT	IJYEP	IF/IAF	3000
2. 004/30 CW 094/30		OBMUY	IAF	3000
3. 094/30 CW 184/30		LUPXA	IAF	3000

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>
LUPXA	IAF	IJYEP	NOPT	TF	FB	1.00	183.89	7.00	3000
OBMUY	IAF	IJYEP	NOPT	TF	FB	1.00	003.89	7.00	3000
IJYEP	IF/IAF	ERZEH		TF	FB	1.00	273.90	7.00	2500
ERZEH	FAF	ASUBY/1.46 NM TO RW27		TF	FB	0.30	273.80	2.65	
ASUBY/1.46 NM TO RW27		RW27	MAP	TF	FO	0.30	273.80	1.46	
RW27	MAP	1200 MSL		CA			273.80		
1200 MSL		IJJUB		DF	FO	1.00			3000

MISSED APPROACH

MAP:

LNAV: RW27

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 3000 DIRECT IJJUB AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

QUALITY
37
CHECKED

PROFILE:

1.	PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF	(IAF)									
2.	HOLD E IJYEP, RT, 273.90 INBOUND, 3000 IN LIEU OF PT (IAF), MAX 10000.														
3.	FAC:	273.80	FAF:	ERZEH	DIST FAF TO MAP:	4.11	DIST FAF TO THLD:	4.11							
4.	MIN ALT: IJYEP 3000, ERZEH 2500, ASUBY/1.46 NM TO RW27 1440														
5.	DIST TO THLD FROM OM:		MM:		IM:		150 HAT:		GS ANT:						
6.	MIN GP INCPT:		GP ALT AT FAF:						OM:		MM:			IM:	
7.	GP ANGLE:		34:1:	IS NOT CLEAR	20:1:	IS NOT CLEAR	TCH:								
8.	MSA FROM:														

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
CHART NOTE: PROCEDURE NA AT NIGHT.
CHART NOTE: RWY 27 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE SBN ALTIMETER SETTING AND INCREASE ALL MDAS 100 FEET AND LNAV VISIBILITY CAT C 3/8 SM, AND CIRCLING VISIBILITY CAT C 1/4 SM.

ADDITIONAL FLIGHT DATA:

ERZEH TO RW27 3.77/34
HOLD W, RT, 093.57 INBOUND.
CHART FAS OBST: 937 TREE 415709N/0853357W.

MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD - 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	1200	1	377	1200	1	377	1200	1	377		NA				
CIRCLING	1240	1	417	1420	1	597	1460	1 3/4	637		NA				



CHANGES - REASONS

1. AIRPORT ELEVATION CHANGED FROM "824" TO "823". - NEW SURVEY.
2. TERMINAL ROUTES: CHANGED STEPDOWN FIX FROM "UNNAMED" TO "ASUBY". - ATC REQUEST.
3. TERMINAL ROUTES: IAF LUPXA TO IJYEP MOVED FROM "4.78"NM TO "7"NM, IAF OBMUY TO IJYEP MOVED FROM "4.79"NM TO "7"NM. - DUE TO LEG LENGTH REQUIREMENTS, IAW 8260.19J, 4-6-10G, 8260.58C, 1-2-5.C(2), TBL 1-2-2.
4. PROFILE: LINE 3 DISTANCE TO FAF AND DISTANCE TO MAP CHANGED FROM "5.14" TO "4.11". - FIXES MOVED.
5. PROFILE LINE 4 CHANGED FROM "1.50 NM TO RW27 1320*" TO "ASUBY 1.46 NM TO RW27 1440*". - FIX MOVED.
6. PROFILE LINE 7 ADDED 34:1 AND 20:1 IS NOT CLEAR. - IAW 8260.19J.
7. NOTES: REMOVED "DME/DME RNP-0.3 NA" AND ADDED "RNP APCH - GPS". - IAW 8260.19J 8-6-8.
8. NOTES: CHANGED CHART NOTE "WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE SOUTH BEND ALTIMETER SETTING AND INCREASE ALL MDA 100 FEET, INCREASE LNAV CAT C VISIBILITY 1/8 MILE AND INCREASE CIRCLING CAT C VISIBILITY 1/2 MILE" TO "WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE SBN ALTIMETER SETTING AND INCREASE ALL MDAS 100 FEET AND LNAV VISIBILITY CAT C 3/8 SM, AND CIRCLING VISIBILITY CAT C 1/4 SM". - IAW 8260.19J 8-6-10.
9. NOTES: CHANGED *1420" TO "1420". - REMOVED ASTERISK/NO LONGER REQUIRED.
10. NOTES: ADDED CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}). - IAW 8260.19J.
11. NOTES: FAS OBSTACLE CHANGED FROM "949 TREE 415718N/0853307W" TO "937 TREE 415709N/0853357W". - ERZEH AND ASUBY MOVED.
12. NOTES: CHANGED CHART NOTE FROM "PROCEDURE NA AT NIGHT" TO "STRAIGHT IN RWY 5 AND CIRCLING RWY 5,23,29 NA AT NIGHT". - NO 20:1'S AND NO PREVIOUS NIGHT RESTRICTIONS.
13. MINIMUMS: LNAV CAT C VISIBILITY CHANGED FROM "1 1/4" TO "1" NM. - NEW OBSTACLES.
14. MINIMUMS: CAT B HAT/HAA CHANGED FROM "596" TO "597". - AIRPORT ELEVATION CHANGED/NEW SURVEY.
15. MINIMUMS: CAT A CIRCLING DA/MDA AND HAT/HAA LOWERED FROM "1320/497" TO "1240/417", CAT C CIRCLING DA/MDA AND HAT/HAA CHANGED FROM "1560/737" TO "1460/637" AND CAT C VIS CHANGED FROM "2" TO "1 3/4". - IAW MEMO LOWERING MINIMUMS AND FPT APPROVAL, AIRPORT ELEVATION CHANGED, IAW 8260.3E VISIBILITY TABLE 3-3-1.
16. CHANGED "ERZEH TO RW27 3.7700/34" TO "ERZEH TO RW27 3.77/34" - CODING UNABLE TO INCORPORATE THE ANGLE VALUE BEYOND THE HUNDREDTH.

9/30/25: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 05/30/2025.

1. CHANGED STRAIGHT IN RWY 5 AND CIRCLING RWYS 5, 23, 29 NA AT NIGHT TO PROCEDURE NA AT NIGHT. - UNLIT 20:1 OBSTACLES FOR THE STRAIGHT-IN AND CIRCLING.
2. ADDED RWY 27 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. - UNLIT 20:1 OBSTACLES.

COORDINATED WITH:

A4A

ALPA

☒

AOPA

☒

APA

HAI

NBAA

☒

OTHER: AMGR, AZO ATCT, ZAU ARTCC

FLIGHT CHECKED BY

BRIAN P CARSON

Digitally signed by

ROBERT G HAMILTON

Nov 03, 2025

OFFICE

AJF

DATE

10/29/2025

DEVELOPED BY

ALLAN WILL (PATRICK DAVIS)

Digitally signed by

ROBERT G HAMILTON

Nov 03, 2025

OFFICE

AJV-A33

DATE

05/30/2025

APPROVED BY

KYLE THOMPSON

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ROBERT G HAMILTON

Nov 03, 2025

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DATE

TITLE

MANAGER

