

**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.

AIRPORT ID EKM	PROCEDURE NAME ILS OR LOC RWY 27	ORIGINAL/AMENDMENT 3	CITY ELKHART	STATE IN
AIRPORT ELEVATION 778	TDZE 778	SUPERSEDED ILS OR LOC RWY 27	ORIGINAL/AMENDMENT 2C	DATED 01/03/2019
FACILITY I-OUP	COORDINATES OF FACILITIES	ACTUAL EFFECTIVE DATE 12 JUNE 2025	REQUIRED EFFECTIVE DATE ROUTINE	MAG VAR 4W
				EPOCH YEAR 2005
				CANCEL/SUSPEND

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
AYUYI/GIJ VORTAC 24.42 DME	IF/IAF	RECKV OM					273.90 (I-OUP)	5.55	2300
RECKV OM	FAF	4.21 NM AFTER RECKV OM	MAP				273.90	4.21	
4.21 NM AFTER RECKV OM	MAP	1500 MSL		CA			273.97		1500
1500 MSL		JJANN		DF	FO	1.00			4000

MISSED APPROACH

MAP:

ILS: DA
LOC: 4.21 NM AFTER RECKV OM

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 1500 THEN CLIMBING RIGHT TURN TO 4000 DIRECT JJANN AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

- PT** SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- HOLD E AYUYI/24.42 DME, RT, 273.90 INBOUND, 2500 FT. IN LIEU OF PT (IAF), MAX 5200.
- FAC:** 273.90 **FAF:** RECKV OM **DIST FAF TO MAP:** 4.21 **DIST FAF TO THLD:** 4.21
- MIN ALT:** RECKV OM 2300
- DIST TO THLD FROM OM:** 4.21 **MM:** **IM:** **150 HAT:** **GS ANT:** 860
- MIN GS INCPT:** 2300 **GS ALT AT PFAF:** **OM:** 2177.4 **MM:** **IM:**
- GS ANGLE:** 3.00 **34:1:** **20:1:** **TCH:** 45.5
- MSA FROM:** ARP KEKM 3000



PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

EQUIPMENT REQUIREMENTS NOTES:

RADAR REQUIRED FOR PROCEDURE ENTRY.

NOTES:

CHART NOTE: CIRCLING NA TO RWYS 8 AND 26.
 CHART NOTE: RWY 27 HELICOPTER VISIBILITY REDUCTION BELOW RVR 4000 NOT AUTHORIZED.
 CHART NOTE: CIRCLING RWY 18 AND 36 NA AT NIGHT.
 CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE SBN ALTIMETER SETTING AND INCREASE S-ILS 27 DA TO 1100 FEET, INCREASE ALL MDAS 40 FEET, AND S-LOC 27 VISIBILITY CAT C/D TO RVR 5500, AND CIRCLING VISIBILITY CAT D 1/4 SM.
 CHART NOTE: FOR INOPERATIVE ALS, INCREASE S-ILS 27 ALL CATS VISIBILITY TO RVR 4500 AND S-LOC 27 CAT A/B VISIBILITY TO 5500 AND CAT C/D VISIBILITY TO 1 3/8 SM.
 CHART NOTE: FOR INOPERATIVE ALS WHEN USING SBN, INCREASE S-LOC 27 CAT A/B VISIBILITY TO RVR 5500, AND CAT C/D VISIBILITY TO 1 3/8 SM.

ADDITIONAL FLIGHT DATA:

HOLD NW, RT, 152.72 INBOUND.
 FAS OBST: 988 AAO 414345N/0855448W.
 CHART CIRCLING ICON.

MINIMUMS:

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

ALTERNATE: NA ILS: STANDARD - NA WHEN CONTROL TOWER CLOSED.; LOC: STANDARD - CAT D 900-2 1/2, NA WHEN CONTROL TOWER CLOSED.

CATEGORY:	A			B			C			D			E		
FINAL TYPE	DA/MDA	VIS	HAT/HAA												
S-ILS 27	1066	4000	288	1066	4000	288	1066	4000	288	1066	4000	288			
S-LOC 27	1240	4000	462	1240	4000	462	1240	5000	462	1240	5000	462			
CIRCLING	1240	1	462	1300	1	522	1380	1 3/4	602	1580	2 1/2	802			



CHANGES - REASONS

1. INCORPORATED CHANGES FROM PREVIOUS P-NOTAM INTO FORM. – IAW 8260.19J PARA 8-3-4.C(3).
2. TDZE CHANGED FROM 777 TO 778 FEET. – NEW AIRNAV DATA.
3. REMOVED FEEDER ROUTE FROM ELX TO AYUYI. - ELX VOR/DME SCHEDULED FOR DECOM (VOR MON).
4. CHANGED FIX DESCRIPTION FOR AYUYI FROM "AYUYI INT/ELX 29.71" TO "AYUYI/GIJ VORTAC 24.42 DME". - ELX VOR/DME VOR MON, USING GIJ VORTAC PER FPT/ATC.
5. "SOUSA OM" RENAMED "RECKV OM". – FIX NAME SOUSA ALREADY IN USE.
6. MISSED APPROACH INSTRUCTIONS: CHANGED FROM "CLIMB TO 1500 THEN CLIMBING LEFT TURN TO 2500 DIRECT GSH VORTAC AND HOLD, OR WHEN DIRECTED BY ATC, CLIMB TO 1500 THEN CLIMBING RIGHT TURN TO 2500 VIA HEADING 120 AND GIJ R-097 TO AYUYI INT/29.71 DME AND HOLD E, RT, 274 INBOUND." TO "CLIMB TO 1500 THEN CLIMBING RIGHT TURN TO 4000 DIRECT JJANN AND HOLD." - PROCEDURE DESIGN CHANGED BECAUSE GSH VORTAC IS SCHEDULED FOR DECOM (VOR MON) PER FPT/ATC.
7. PROFILE LINE 2: ADDED "MAX 5200." – IAW 8260.19 8-5-2.J.
8. PROFILE LINE 5: DELETED MM: 0.43. – MM NO LONGER EXISTS.
9. PROFILE LINE 6 & 7: OM CHANGED FROM "2178" TO "2177.4" AND TCH CHANGED FROM "44.7" TO "45.5". – NEW DESIGN TCH, IAW 8260.3F 10-1-4.B(4).
10. PROFILE LINE 8: MSA CHANGED FROM "GSH VORTAC 3000" TO "ARP KEKM 3000". – GSH VORTAC VOR MON.
11. PBN REQUIREMENTS: ADDED "RNP APCH – GPS." – DEVELOPED RNAV MISSED APPROACH PER FPT/ATC, ALL VOR'S IN THE AREA ARE PART OF VORMON PROGRAM. IAW 8260.19J 8-6-8.B.
12. EQUIPMENT REQUIREMENTS: ADDED "RADAR REQUIRED FOR PROCEDURE ENTRY" – PER FPT/ATC PROCEDURE DESIGN.
13. NOTES: DELETED NOTE "RVR 1800 AUTHORIZED WITH USE OF FD OR AP OR HUD TO DA." – PROCEDURE NO LONGER QUALIFIES FOR RVR 1800, IAW 8260.19J 8-6-12.K(1).
14. NOTES: ADDED CHART CIRCLING ICON. – IAW 8260.19I 8-6-11.T.
15. NOTES: ADDED "CIRCLING RWY 18 AND 36 NA AT NIGHT." – 20:1 PENETRATIONS.
16. NOTES: ADDED "CIRCLING NA TO RWYS 8 AND 26." – TURF RUNWAY, IAW 8260.19J 8-6-12.O(2).
17. NOTES: ADDED "CHART NOTE: RWY 27 HELICOPTER VISIBILITY REDUCTION BELOW RVR 4000 NOT AUTHORIZED." – IAW 8260.19J 8-6-12.K(2).
18. NOTES: BACKUP ALTIMETER NOTE CHANGED FROM "WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE SOUTH BEND ALTIMETER SETTING AND INCREASE ALL MDA/DA 40 FEET AND INCREASE S-LOC 27 CAT C/D VISIBILITY TO RVR 5000" TO "WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE SBN ALTIMETER SETTING AND INCREASE ALL DAS/MDAS 40 FEET, AND S-LOC 27 VISIBILITY CAT C/D TO RVR 5500, AND CIRCLING VISIBILITY CAT D 1/4 SM." – IAW 8260.19J 8-6-10.F(2).
19. NOTES: ADDED ALS INOP NOTE "FOR INOPERATIVE ALS, INCREASE S-ILS 27 ALL CATS VISIBILITY TO RVR 4500 AND S-LOC 27 CAT A/B VISIBILITY TO 5500 AND CAT C/D VISIBILITY TO 1 3/8 SM." – IAW 8260.3F 3-3-2.B.
20. NOTES: ALS INOP WHEN USING BACKUP ALTIMETER NOTE CHANGED FROM "FOR INOPERATIVE MALSR WHEN USING SOUTH BEND ALTIMETER SETTING, INCREASE S-LOC 27 ALL CATS VISIBILITY TO RVR 4000" TO "FOR INOPERATIVE ALS WHEN USING SBN, INCREASE S-LOC 27 CAT A/B VISIBILITY TO RVR 5500, AND CAT C/D VISIBILITY TO 1 3/8 SM." – IAW 8260.3F 3-3-2.A.
21. ADDITIONAL FLIGHT DATA: CHANGED HOLDING "HOLD S, RT, 009.00 INBOUND." TO "HOLD NW, RT, 152.72 INBOUND." – HOLDING REDESIGN PER FPT/ATC, OLD HOLDING FIX GSH VOR MON.
22. ADDITIONAL FLIGHT DATA: CHANGED "FAS OBST: 956 TWR (18-002359) 414335N/0855650W" TO "FAS OBST: 988 AAO 414345N/0855448W". – NEW CONTROLLING OBSTACLE.
23. MINIMUMS: ADDED "NA WHEN CONTROL TOWER CLOSED" TO ILS ALTERNATE MINIMUMS. – IAW 8260.19J 8-6-12.B(4).
24. MINIMUMS: CHANGED LOC ALTERNATE MINIMUMS FROM "LOC: NA" TO "LOC: STANDARD – CAT D 900-2 ½ - NA WHEN CONTROL TOWER CLOSED." – CONDITIONS NECESSITATING THIS NOTE NO LONGER EXIST, IAW 8260.3F 3-4-1.
25. MINIMUMS: S-LOC MDA ALL CATS INCREASED FROM "1220" TO "1240", AND VISIBILITY CATS C/D INCREASED FROM "4500" TO "5000". – NEW CONTROLLING OBSTACLE FOR MDA, VISIBILITY INCREASE IAW 8260.3F 3-3-2.B.
26. MINIMUMS: CIRCLING MINIMUMS CHANGED FROM "CAT A MDA 1220/HAA 442, CAT B MDA 1240/HAA 462, CAT C MDA 1240/HAA 462/VIS 1 1/2, CAT D MDA 1340/HAA 562/VIS 2" TO "CAT A MDA 1240/MDA 462, CAT B MDA 1300/HAA 522, CAT C MDA 1300/HAA 602/VIS 1 3/4, CAT D MDA 1580/HAA 802/ VIS 2 1/2." – UPDATED CIRCLING AREAS IAW 8260.19I 8-6-11.T. NEW CONTROLLING OBSTACLES.

COORDINATED WITH:

A4A
 ALPA
 AOPA
 APA
 HAI
 NBAA
 OTHER: ZAU ARTCC, SBN APP CON, EKM ATCT, AMGR

FLIGHT CHECKED BY
PAUL ROBERT ARMSTRONG

Digitally signed by
CASIMIR L TABAKA
Apr 25, 2025

OFFICE
FIOG **DATE**
04/17/2025

DEVELOPED BY
JAMIE KUNKLER

Digitally signed by
CASIMIR L TABAKA
Apr 25, 2025

OFFICE
AJV-A432 **DATE**
12/12/2024

APPROVED BY
CASIMIR L. TABAKA

Digitally signed by
CASIMIR L TABAKA
Apr 25, 2025

OFFICE
AJV-A432 **DATE**
05/08/2025 **TITLE**
MANAGER

