

**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> KMZZ	<u>PROCEDURE NAME</u> ILS OR LOC RWY 4	<u>ORIGINAL/AMENDMENT</u> 8A	<u>CITY</u> MARION	<u>STATE</u> IN		
<u>AIRPORT ELEVATION</u> 859	<u>TDZE</u> 858	<u>SUPERSEDED</u> ILS OR LOC RWY 4	<u>ORIGINAL/AMENDMENT</u> 8	<u>DATED</u> 06/20/2019	<u>MAG VAR</u> 3W	<u>EPOCH YEAR</u> 1985
<u>FACILITY</u> I-MZZ	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 19 MAY 2022	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<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>
MZZ VOR/DME		AKICA/MZZ VOR/DME 13.25 DME					220.24	13.25	3000
AKICA/MZZ VOR/DME 13.25 DME	IF/IAF	JOSKO/MZZ VOR/DME 7.25 DME					040.59	6.01 (I-MZZ)	3000

MISSED APPROACH

MAP:

ILS: DA
LOC: 6.56 NM AFTER JOSKO/MZZ VOR/DME 7.25 DME OR AT MZZ VOR/DME 0.69 DME

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 2500 THEN CLIMBING LEFT TURN TO 4000 ON HEADING 320 TO INTERCEPT GUS VORTAC R-090 TO AGACI/GUS VORTAC 16.00 DME/RADAR AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. PT R SIDE OF COURSE 220.59 OUTBOUND 3000 FT WITHIN 10 MILES OF AKICA/MZZ VOR/DME 13.25 DME (IAF)
- 2.
3. FAC: 040.59 FAF: JOSKO/MZZ VOR/DME 7.25 DME DIST FAF TO MAP: 6.56 DIST FAF TO THLD: 6.56
4. MIN ALT: AKICA/MZZ VOR/DME 13.25 DME 3000, JOSKO/MZZ VOR/DME 7.25 DME 3000, CIVIL/MZZ 3.68 DME 1860
5. DIST TO THLD FROM OM: MM: IM: 150 HAT: GS ANT: 1000
6. MIN GS INCPT: 3000 GS ALT AT PFAF: JOSKO/MZZ VOR/DME 7.25 DME 3000 OM: MM: IM:
7. GP ANGLE: 3.00 34:1: 20:1: TCH: 51.6
8. MSA FROM: MZZ VOR/DME 2900

EQUIPMENT REQUIREMENTS NOTES:

DME REQUIRED.



NOTES:

CHART NOTE: DME FROM MZZ VOR/DME. SIMULTANEOUS RECEPTION OF I-MZZ AND MZZ DME REQUIRED.
FOR INOPERATIVE ALS, INCREASE S-LOC 4 CATS C AND D VISIBILITY TO 1 1/8 SM.

ADDITIONAL FLIGHT DATA:

HOLD E, LT, 269.96 INBOUND.
CHART FAS OBST: 978 TREE (18-035081) 402733N/0854306W.
1089 AAO 402633N/0854421W.
CHART VDP AT 1.78 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 4	1058	1/2	200	1058	1/2	200	1058	1/2	200	1058	1/2	200			
S-LOC 4	1260	1/2	402	1260	1/2	402	1260	3/4	402	1260	3/4	402			
CIRCLING	1300	1	441	1320	1	461	1420	1 1/2	561	1500	2	641			

CHANGES - REASONS

1. REMOVED INT FROM FIXES AKICA, CIVIL AND JOSKO. - OKK VORMON.
2. AMENDED LOC MAP FROM "LOC: 6.56 NM AFTER JOSKO INT/MZZ VOR/DME 7.25 DME" TO "LOC: 6.56 NM AFTER JOSKO/MZZ VOR/DME 7.25 DME OR AT MZZ VOR/DME 0.69 DME" - DME REQUIRED APCH.
3. DELETED "'LOC ONLY" AND ASSOCIATED ASTERISKS FROM ADDITIONAL FLIGHT DATA AND PROFILE LINE. - 8260.19I 8-6-7, D. NOTE NO LONGER REQUIRED.
4. ADDED NOTE: FOR INOPERATIVE ALS, INCREASE S-LOC 4 CATS C AND D VISIBILITY TO 1 1/8 SM. - UPDATED VISCHECK RESULTS.
5. AMENDED ADDITIONAL FLIGHT DATA FROM "CHART FAS OBST: 991 ELEVATOR (18-026935) 402626N/0854347W." TO "CHART FAS OBST: 978 TREE (18-035081) 402733N/0854306W." - NEW CONTROLLING OBSTACLE IDENTIFIED, ELEVATOR IS 7:1 EXCLUDED.
6. AMENDED S-LOC 4 CAT C/D VISIBILITY FROM 1/2 TO 3/4. - UPDATED TO CURRENT CRITERIA.
7. AMENDED CIRCLING CAT C MDA/HAT FROM 1400/541 TO 1420/561. - NEW CONTROLLING OBSTACLE 1107 TOWER (18-002260) N402934.16/W0853751.16, INCORPORATES NOTAM 1/9095.

COORDINATED WITH:

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

FLIGHT CHECKED BY

PATRICK MURRAY

Digitally signed by

JASON KRETSCHMER

Mar 09, 2022

OFFICE

FPO

DATE

03/08/2022

DEVELOPED BY

JASON KRETSCHMER (CURTIS MALONE)

Digitally signed by

JASON KRETSCHMER

Feb 11, 2022

OFFICE

AJV-A421

DATE

12/10/2021

APPROVED BY

MARLON ROBINSON

Digitally signed by

JASON KRETSCHMER

Feb 11, 2022

OFFICE

AJV-A420

DATE

TITLE
MANAGER

