

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> OTM	<u>PROCEDURE NAME</u> ILS OR LOC RWY 31	<u>ORIGINAL/AMENDMENT</u> 7	<u>CITY</u> OTTUMWA	<u>STATE</u> IA
<u>AIRPORT ELEVATION</u> 846	<u>TDZE</u> 842	<u>SUPERSEDED</u> ILS OR LOC RWY 31	<u>ORIGINAL/AMENDMENT</u> 6	<u>DATED</u> 09/08/2022
<u>FACILITY</u> I-OTM	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 5 SEPTEMBER 2024	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>MAG VAR</u> 1W
				<u>EPOCH YEAR</u> 2025
				<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>
AGENS	PFAF	RW31	MAP				315.97	6.00	
RW31	MAP	1042 MSL		CA			315.97		
1042 MSL		JODUN		DF	FO	1.00			2800

MISSED APPROACH

MAP:

ILS: DA
LOC: 6.00 NM AFTER AGENS/I-OTM 7.21 DME OR AT I-OTM 1.22 DME

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 2800 DIRECT JODUN AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

- | | | | | | | |
|----|---|---------------------------|-----------------|---------------------------|-------------------|--------------|
| 1. | PT | SIDE OF COURSE | OUTBOUND | FT WITHIN | MILES OF | (IAF) |
| 2. | HOLD SE AGENS/I-OTM 7.21 DME, RT, 315.97 INBOUND, 2800 FT. IN LIEU OF PT (IAF), MAX 6000. | | | | | |
| 3. | FAC: | 315.97 | FAF: | AGENS/I-OTM 7.21 DME | DIST FAF TO MAP: | 6.00 |
| 4. | MIN ALT: | AGENS/I-OTM 7.21 DME 2800 | | | DIST FAF TO THLD: | 6.00 |
| 5. | DIST TO THLD FROM OM: | | MM: | IM: | 150 HAT: | GS ANT: 1020 |
| 6. | MIN GS INCPT: | 2800 | GS ALT AT PFAF: | AGENS/I-OTM 7.21 DME 2800 | OM: | MM: |
| 7. | GS ANGLE: | 3.00 | 34:1: | 20:1: | TCH: | 52.1 |
| 8. | MSA FROM: | ARP KOTM 3000 | | | | |



PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

EQUIPMENT REQUIREMENTS NOTES:

DME REQUIRED.

NOTES:

CHART NOTE: AUTOPILOT COUPLED APPROACH NA BELOW 1700.
CHART NOTE: FOR INOPERATIVE ALS, INCREASE S-LOC 31 CAT C VISIBILITY TO 1 3/8 SM.

ADDITIONAL FLIGHT DATA:

HOLD NW, RT, 135.89 INBOUND.
FAS OBST: 1034 AAO 410351N/0922257W.
CHART VDP AT 2.50 DME.
DISTANCE VDP TO THLD 1.28 NM.
CHART CIRCLING ICON.

MINIMUMS:

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

ALTERNATE: NA ☒

<u>CATEGORY:</u>	<u>A</u>			<u>B</u>			<u>C</u>			<u>D</u>			<u>E</u>		
<u>FINAL TYPE</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>
S-ILS 31	1042	1/2	200	1042	1/2	200	1042	1/2	200		NA				
S-LOC 31	1300	1/2	458	1300	1/2	458	1300	7/8	458		NA				
CIRCLING	1300	1	454	1300	1	454	1400	1 1/2	554		NA				



CHANGES - REASONS

1. TERMINAL ROUTES: ADDED "PFAF - RWY 31" SEGMENT, CA AND DF LEGS - PER 8260.19J, PARA 8-6-4A(6), ADDED RNAV MISSED APPROACH PER IFP/ATC CHECKLIST REQUEST.
2. MAP: CHANGED LOC MAP FROM "6.00 NM AFTER AGENS INT" TO "6.00 NM AFTER AGENS/I-OTM 7.21 DME OR AT I-OTM 1.22 DME" - FINAL FACILITY HAS DME.
3. CHANGED MISSED APPROACH INSTRUCTIONS FROM "CLIMB TO 1500 THEN CLIMBING RIGHT TURN TO 3000 DIRECT OTM VOR/DME AND HOLD, CONTINUE CLIMB-IN-HOLD TO 3000" TO "CLIMB TO 2800 DIRECT JODUN AND HOLD" - ADDED RNAV MISSED APPROACH PER IFP/ATC CHECKLIST REQUEST.
4. PROFILE LINE 2: CHANGED FROM "TEARDROP R-160 (OTM VOR/DME) (IAF) OUTBOUND TO PAVME/OTM 10.00 DME, 2800 315.97 (I-OTM LOC) INBOUND, 2800 TO AGENS INT" TO "HOLD SE AGENS/I-OTM 7.21 DME, RT, 315.97 INBOUND, 2800 FT. IN LIEU OF PT (IAF), MAX 6000" - REPLACED TEARDROP WITH RNAV HIL AT FAF PER IFP/ATC CHECKLIST REQUEST.
5. PROFILE LINE 3: CHANGED FAF FROM "AGENS INT" TO "AGENS/I-OTM 7.21 DME" - FAF DME ONLY.
6. PROFILE LINE 4: CHANGED MIN ALT FROM "AGENS INT 2800" TO "AGENS/I-OTM 7.21 DME 2800" - FAF DME ONLY.
7. PROFILE LINE 6: CHANGED GS ALT AT PFAF FROM "AGENS INT 2800" TO "AGENS/I-OTM 7.21 DME 2800" - FAF DME ONLY.
8. PROFILE LINE 8: CHANGED MSA FROM "OTM VOR/DME 3000" TO "ARP KOTM 3000" - NO NEARBY OMNI-DIRECTIONAL NAVAIDS.
9. PBN REQUIREMENTS NOTE: ADDED "RNP APCH - GPS" - DUE TO MISSED APPROACH BEING RNAV.
10. ADDED "FOR INOPERATIVE ALS, INCREASE S-LOC 31 CAT C VISIBILITY TO 1 3/8 SM" TO NOTES - UPDATED 8260.3E VIS TABLES.
11. ADDITIONAL FLIGHT DATA: REMOVED "CHART IN PROFILE VIEW: OTM VOR/DME" - OTM VOR MON PROGRAM.
12. ADDITIONAL FLIGHT DATA: REMOVED "(CFFLS) AT 405729.90N/0921515.91W DO NOT CHART" - NOT APPLICABLE TO PROCEDURE ANYMORE.
13. ADDITIONAL FLIGHT DATA: CHANGED FROM "HOLD SE, RT, 303.00 INBOUND" TO "HOLD NW, RT, 135.89 INBOUND" - CHANGED HOLDING FIX TO JODUN PER IFP/ATC CHECKLIST REQUEST.
14. ADDITIONAL FLIGHT DATA: CHANGED FAS OBST FROM "1020 AAO 410349N/0922309W" TO "1034 AAO 410351N/0922257W" - NEW CONTROLLING OBSTACLE.
15. CHANGED ALTERNATE MINS FROM "ILS: STANDARD - NA WHEN LOCAL WEATHER NOT AVAILABLE.; LOC: STANDARD - NA WHEN LOCAL WEATHER NOT AVAILABLE" TO NA - PER 8260.19J, PARA 2-4-6C(1).
16. CHANGED S-LOC 31 MDA/HAT ALL CATS FROM 1280/438 TO 1300/458 AND VISIBILITY CAT C FROM 3/4 SM TO 7/8 SM - BASED ON 8260.3E, CHAPTER 3 VISIBILITY, TABLE 3-3-1.
17. CHANGED CIRCLING CAT A MDA/HAA FROM 1280/434 TO 1300/454 - BASED ON STRAIGHT-IN MINIMUMS.
18. CHANGED CHART NOTE; "AUTOPILOT COUPLED APPROACH NA BELOW 1310" TO "AUTOPILOT COUPLED APPROACH NA BELOW 1700" IN NOTES - FLIGHT CHECK EVALUATION/NOTAM 3/9829.
19. ADDITIONAL FLIGHT DATA: CHANGED FROM "CHART VDP AT 5.49 DME" TO "CHART VDP AT 2.50 DME" - BASED ON 8260.3E FORMULA 2-6-5.
20. ADDITIONAL FLIGHT DATA: CHANGED FROM "DISTANCE VDP TO THLD 1.22 NM" TO "DISTANCE VDP TO THLD 1.28 NM" - UPDATED CALCULATION BASED OFF INCREASED MINIMUMS.

COORDINATED WITH:

A4A

ALPA

X

AOPA

X

APA

HAI

NBAA

X

OTHER: ZAU, AMGR

FLIGHT CHECKED BY

MICHAEL A GREENWOOD

Digitally signed by

BEV L BORDY

Jul 25, 2024

OFFICE

FPO

DATE

07/24/2024

DEVELOPED BY

CASIMIR L. TABAKA (SILVIA YOUNG)

Digitally signed by

CASIMIR L TABAKA

Jun 06, 2024

OFFICE

AJV-A432

DATE

04/03/2024

APPROVED BY

CASIMIR L. TABAKA

Digitally signed by

CASIMIR L TABAKA

Jun 06, 2024

OFFICE

AJV-A432

DATE

TITLE

MANAGER

