

**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> KOTM	<u>PROCEDURE NAME</u> ILS OR LOC RWY 31	<u>ORIGINAL/AMENDMENT</u> 6	<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SUPERSEDED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> 5F	<u>DATED</u> 12/30/2021	<u>MAG VAR</u> 1W	<u>EPOCH YEAR</u> 2025
<u>FACILITY</u> I-OTM	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 8 SEPTEMBER 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>

MISSED APPROACH

MAP:

ILS: DA
LOC: 6.00 NM AFTER AGENS INT

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 1500 THEN CLIMBING RIGHT TURN TO 3000 DIRECT OTM VOR/DME AND HOLD, CONTINUE CLIMB-IN-HOLD TO 3000.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- 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.
- FAC: 315.97 FAF: AGENS INT DIST FAF TO MAP: 6.00 DIST FAF TO THLD: 6.00
- MIN ALT: AGENS INT 2800
- DIST TO THLD FROM OM: MM: IM: 150 HAT: GS ANT: 1020
- MIN GS INCPT: 2800 GS ALT AT PFAF: AGENS INT 2800 OM: MM: IM:
- GP ANGLE: 3.00 34:1 20:1 TCH: 52.1
- MSA FROM: OTM VOR/DME 3000

EQUIPMENT REQUIREMENTS NOTES:

DME REQUIRED.

NOTES:

CHART NOTE: AUTOPILOT COUPLED APPROACH NA BELOW 1310.



ADDITIONAL FLIGHT DATA:

CHART IN PROFILE VIEW: OTM VOR/DME.
(CFFLS) AT 405729.90N/0921515.91W DO NOT CHART.
HOLD SE, RT, 303.00 INBOUND.
FAS OBST: 1020 AAO 410349N/0922309W.
CHART VDP AT 5.49 DME
DISTANCE VDP TO THLD 1.22 NM.
CHART CIRCLING ICON.

MINIMUMS:**TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT****ALTERNATE:** NA ☐ ILS: STANDARD - NA WHEN LOCAL WEATHER NOT AVAILABLE.; LOC: 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
S-ILS 31	1042	1/2	200	1042	1/2	200	1042	1/2	200		NA				
S-LOC 31	1280	1/2	438	1280	1/2	438	1280	3/4	438		NA				
CIRCLING	1280	1	434	1300	1	454	1400	1 1/2	554		NA				

CHANGES - REASONS

1. INCORPORATED P-NOTAM 1/2220.
2. AIRPORT ELEVATION UPDATED FROM "845" TO "846" - PER 09/08/2022 AIRPORT SURVEY.
3. TDZE UPDATED FROM "841" TO "842" - PER 11/01/2020 RUNWAY SURVEY
4. MAG VAR AND YEAR UPDATED FROM "3E 1985" TO "1W 2025" - PER MAG VAR TABLE AND FPT REQUEST.
5. UPDATED MISSED APPROACH INSTRUCTIONS FROM "CLIMB TO 1500 THEN CLIMBING RIGHT TURN TO 2800 DIRECT OTM VOR/DME AND HOLD" TO "CLIMB TO 1500 THEN CLIMBING RIGHT TURN TO 3000 DIRECT OTM VOR/DME AND HOLD, CONTINUE CLIMB-IN-HOLD TO 3000" - VOR UNUSABLE 100-148 WITHIN 10NM BELOW 3000 PER AIRNAV DATA, MISSED APPROACH OCS DOES NOT MEET PROTECTED AIRSPACE BY THE CLEARANCE LIMIT, CIH REQUIRED.
6. UPDATED PROFILE LINE 2 FROM "TEARDROP R-160 (OTM VOR/DME) (IAF) OUTBOUND TO PAVME/OTM 10.00 DME, 2800, 312.00 (I-OTM) INBOUND, 2800 TO AGENS INT. " TO "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" - FAC ADJUSTED FOR 02/02/2017 I-OTM SURVEY.
7. UPDATED FAC IN PROFILE LINE 3 FROM "312.00" TO "315.97" - UPDATED FAC.
8. UPDATED PROFILE LINE 5, DIST TO THLD FROM GS ANT FROM "1019" TO "1020" - UPDATED IAW 11/01/2020 I-OTM SURVEY.
9. MOVED "DME REQUIRED" FROM NOTES SECTION TO EQUIPMENT REQUIREMENTS SECTION - IAW 8260.19I 8-6-8.A.(2)(A).
10. ADJUSTED COUPLED AUTOPILOT RESTRICTION ALTITUDE IN NOTES SECTION FROM "1160" TO "1310" - PER FLIGHT CHECK FINDING, "GLIDE SLOPE COURSE REVERSAL HAPPENS EARLIER".
11. REMOVED "CHART FAS OBST: 912 TREE (KOTM0002) 410536N/0922544W" AND ADDED "FAS OBST: 1020 AAO 410349N/0922309W" TO ADDITIONAL FLIGHT DATA - NEW CONTROLLING OBSTACLE IN LOC FINAL SEGMENT.
12. ADDED "CHART CIRCLING ICON" TO ADDITIONAL FLIGHT DATA - IAW 8260.19I 8-6-10.S.
13. UPDATED ADDITIONAL FLIGHT DATA NOTE FROM "CHART IN PLANVIEW: (CFFLS) 405729.64N-0921516.27W" TO "(CFFLS) AT 405729.90N/0921515.91W DO NOT CHART" - CNF FIX ADJUSTED FOR NEW FAC, NO LONGER REQUIRES CHARTING.
14. ADDED "CHART VDP AT 5.49 DME" AND "DISTANCE VDP TO THLD 1.22 NM" TO ADDITIONAL FLIGHT DATA - VDP IS PUBLISHABLE, NOTES IAW 8260.19I ATTACHMENT 3 PARA 8-6-10.M.(1).
15. ADDED "CHART IN PROFILE VIEW: OTM VOR/DME" TO ADDITIONAL FLIGHT DATA - IAW 8260.19I 8-6-10.R.
16. UPDATED ALTERNATE MINIMUMS FROM "ILS: STANDARD, LOC: STANDARD" TO "ILS: STANDARD - NA WHEN LOCAL WEATHER NOT AVAILABLE.; LOC: STANDARD - NA WHEN LOCAL WEATHER NOT AVAILABLE" - IAW 8260.19I ATTACHMENT 4 PARA 5.B.
17. UPDATED S-ILS DA/HAT FROM "1044/203" TO "1042/200" - PER NEW OBSTACLE EVALUATION AND ADJUSTED FOR NEW AIRPORT ELEVATION AND TDZE.
18. UPDATED S-LOC MDA/HAT FROM "1180/339" TO "1280/438" -NEW CONTROLLING OBSTACLE AND HAT ADJUSTED FOR NEW TDZE.
19. UPDATED CIRCLING CAT A CMDA/HAA FROM "1260/415" TO "1280/434" - INCREASE FOR STRAIGHT-IN MINIMUMS.
20. UPDATED CIRCLING CAT B HAA FROM "455" TO "454" AND CAT C HAA FROM "555" TO "554" - AIRPORT ELEVATION UPDATED.



AIRPORT ID
KOTM

PROCEDURE NAME
ILS OR LOC RWY 31

ORIGINAL/AMENDMENT
6

CITY
OTTUMWA

STATE
IA

COORDINATED WITH:

A4A ☐ ALPA ☒ AOPA ☒ APA ☐ HAI ☐ NBAA ☒ OTHER: ZAU, AMGR

FLIGHT CHECKED BY

SCOTT WIEBE

Digitally signed by

JASON KRETSCHMER

Jul 21, 2022

OFFICE

FPO

DATE

07/18/2022

DEVELOPED BY

JASON KRETSCHMER (COLIN CAMPBELL)

Digitally signed by

JASON KRETSCHMER

May 31, 2022

OFFICE

AJV-A421

DATE

04/03/2022

APPROVED BY

MARLON ROBINSON

Digitally signed by

JASON KRETSCHMER

May 31, 2022

OFFICE

AJV-A420

DATE

TITLE
MANAGER

QUALITY
20
CHECKED