

**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> UES	<u>PROCEDURE NAME</u> ILS OR LOC RWY 10	<u>ORIGINAL/AMENDMENT</u> 3	<u>CITY</u> WAUKESHA	<u>STATE</u> WI		
<u>AIRPORT ELEVATION</u> 912	<u>TDZE</u> 901	<u>SUPERSEDED</u> ILS OR LOC RWY 10	<u>ORIGINAL/AMENDMENT</u> 2C	<u>DATED</u> 09/09/2021	<u>MAG VAR</u> 1W	<u>EPOCH YEAR</u> 1990
<u>FACILITY</u> I-SKC	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 20 FEBRUARY 2025	<u>REQUIRED EFFECTIVE DATE</u> 02/20/2025	<u>CANCEL/SUSPEND</u>		

**TERMINAL ROUTES**

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
WENBU INT/RADAR	IF	FEDKI INT/RADAR	NOPT				102.96 (I-SKC)	6.05	2300

**MISSED APPROACH**

**MAP:**

ILS: DA  
LOC: 4.24 NM AFTER FEDKI INT/RADAR

**MISSED APPROACH INSTRUCTIONS:**

CLIMB TO 1500 THEN CLIMBING LEFT TURN TO 2800 DIRECT BAE VORTAC AND HOLD, CONTINUE CLIMB-IN-HOLD TO 2800.

**ALTERNATE MISSED APPROACH INSTRUCTIONS (DO NOT CHART):**

CLIMB TO 1500 THEN CLIMBING LEFT TURN TO 3000 ON HEADING 320 AND ON OSH VORTAC R-165 TO CORIR INT/OSH 32.18 DME AND HOLD.

**PROFILE:**

1. PT	L	SIDE OF COURSE	282.96	OUTBOUND	2800	FT WITHIN	10	MILES OF	FEDKI INT/RADAR (IAF)
2.									
3. FAC:	102.96	FAF:	FEDKI INT/RADAR	DIST FAF TO MAP:	4.24	DIST FAF TO THLD:	4.24		
4. MIN ALT:	FEDKI INT/RADAR 2300								
5. DIST TO THLD FROM OM:		MM:		IM:		150 HAT:		GS ANT:	950
6. MIN GS INCPT:	2300	GS ALT AT PFAF:	FEDKI INT/RADAR 2300			OM:		MM:	
7. GS ANGLE:	3.00	34:1:		20:1:		TCH:	52.6		
8. MSA FROM:	BAE VOR/DME 2900								



EQUIPMENT REQUIREMENTS NOTES:

RADAR REQUIRED FOR PROCEDURE ENTRY.

NOTES:

CHART NOTE: CIRCLING TO RWY 28 NA AT NIGHT.  
CHART NOTE: FOR INOPERATIVE ALS, INCREASE S-LOC 10 VISIBILITY TO 1 3/8 SM.  
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE MWC ALTIMETER SETTING AND INCREASE S-ILS 10 DA TO 1149 FEET; INCREASE ALL MDAS 60 FEET AND S-LOC 10 VISIBILITY CAT C/D 1/8 SM, AND CIRCLING VISIBILITY CAT C/D 1/4 SM

ADDITIONAL FLIGHT DATA:

HOLD W, RT, 090.00 INBOUND.  
CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD S CORIR INT/OSH 32.18 DME, RT, 345.17 INBOUND.  
FAS OBST: 1145 AAO 430254N/0881948W.  
CHART IN PLANVIEW: CORIR INT/OSH 32.18 DME.  
CHART CIRCLING ICON.

MINIMUMS:

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

ALTERNATE: NA ☐ ILS: STANDARD - NA WHEN LOCAL WEATHER NOT AVAILABLE., NA WHEN CONTROL TOWER CLOSED.; LOC: STANDARD - CAT D 800-2 1/4, NA WHEN LOCAL WEATHER NOT AVAILABLE., NA WHEN CONTROL TOWER CLOSED.

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 10	1101	1/2	200	1101	1/2	200	1101	1/2	200	1101	1/2	200			
S-LOC 10	1400	1/2	499	1400	1/2	499	1400	1	499	1400	1	499			
CIRCLING	1460	1	548	1500	1	588	1540	1 3/4	628	1640	2 1/4	728			

CHANGES - REASONS

- AIRPORT ELEVATION CHANGED FROM "911" TO "912" - UPDATED AIRPORT SURVEY DATA
- TERMINAL ROUTES: TO POINT CHANGED FROM "WAUCA OM/INT/RADAR" TO "FEDKI INT/RADAR" AND COURSE DISTANCE CHANGED FROM "102.95/6.28" TO "102.96/6.05" - FAF MOVED/COLOCATED AT 3.0 GP/52.6 TCH, OM DECOMISSIONED
- MAP: LOC CHANGED FROM "4.01" NM AFTER WAUCA OM/INT/RADAR TO "4.24" NM AFTER FEDKI INT/RADAR - FAF MOVED/COLOCATED AT 3.0 GP/52.6 TCH, OM DECOMISSIONED
- ALTERNATE MA: REMOVED OR AS DIRECTED BY ATC - NOT REQUIRED
- LINE 1: PT COURSE CHANGED FROM "282.95" TO "282.96" AND FIX CHANGED FROM "WAUCA" TO "FEDKI" INT/RADAR - FAF MOVED/COLOCATED AT 3.0 GP/52.6 TCH, OM DECOMISSIONED
- LINE 3: FAC CHANGED FROM "102.95" TO "102.96", FAF CHANGED FROM WAUCA TO FEDKI INT/RADAR, DIST FAF TO MAP AND FAF TO THLD CHANGED FROM "4.01" TO "4.24" - FAF MOVED/COLOCATED AT 3.0 GP/52.6 TCH, OM DECOMISSIONED
- LINE 4: MIN ALT CHANGED FROM "WAUCA 2300" TO "FEDKI INT/RADAR 2300" - FAF MOVED/COLOCATED AT 3.0 GP/52.6 TCH, OM DECOMISSIONED
- LINE 5: REMOVED DIST TO THLD FROM OM - OM DECOMISSIONED
- LINE 6: REMOVED OM: 2240 - OM DECOMISSIONED
- ADDED CHART NOTE "CIRCLING TO RWY 28 NA AT NIGHT - UNLIGHTED 20:1'S TO RWY 28
- CHANGED CHART NOTE FROM "FOR INOPERATIVE MALSR, S-LOC 10 CAT C/D VISIBILITY TO 1 3/8" TO "FOR INOPERATIVE ALS, INCREASE S-LOC 10 VISIBILITY TO 1 3/8 SM
- REMOVED CHART NOTE: "FOR INOPERATIVE MALSR WHEN USING LAWRENCE J TIMMERMAN ALTIMETER SETTING, INCREASE S-LOC 10 CAT C/D VISIBILITY TO 1 5/8 MILE" - NO LONGER REQUIRED, PER INOP TABLE
- UPDATED BACKUP ALTIMETER NOTE TO "WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE MWC ALTIMETER SETTING AND INCREASE S-ILS 10 DA TO 1149 FEET; INCREASE ALL MDAS 60 FEET AND S-LOC 10 VISIBILITY CAT C/D 1/8 SM, AND CIRCLING VISIBILITY CAT C/D 1/4 SM - PER 8260.3 MINIMUM VISIBILITY VALUES TABLE
- CHANGED FAS OBSTACLE FROM "1139 AAO 430254N/0881946W" TO "1145 AAO 430254N/0881948W" - NEW TARGETS EVALUATION

01/03/2025: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 08/15/2024  
1. CHANGED REQUIRED EFFECTIVE DATE FROM ROUTINE TO 02/20/2025



COORDINATED WITH:

A4A

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ALPA

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AOPA

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APA

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HAI

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NBAA

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OTHER: ZAU ARTCC, MKE APP CON, UES ATCT, AMGR

FLIGHT CHECKED BY

PENDING

Digitally signed by

DAVID DANNER

Jan 03, 2025

OFFICE

DATE

DEVELOPED BY

CHRISTOPHER MENDENHALL

Digitally signed by

DAVID DANNER

Jan 03, 2025

OFFICE

AJV-A421

DATE

08/15/2024

APPROVED BY

DAVID DANNER

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DAVID DANNER

Jan 03, 2025

OFFICE

AJV-A420

DATE

TITLE

MANAGER