

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> KMKE	<u>PROCEDURE NAME</u> ILS OR LOC RWY 1L ILS RWY 1L (CAT II), ILS RWY 1L (CAT III)	<u>ORIGINAL/AMENDMENT</u> 10A	<u>CITY</u> MILWAUKEE	<u>STATE</u> WI		
<u>AIRPORT ELEVATION</u> 728	<u>TDZE</u> 01L 704 01R 678	<u>SUPERSEDED</u> ILS OR LOC RWY 1L ILS RWY 1L (CAT II), ILS RWY 1L (CAT III)	<u>ORIGINAL/AMENDMENT</u> 10	<u>DATED</u> 09/13/2018	<u>MAG VAR</u> 4W	<u>EPOCH YEAR</u> 2015
<u>FACILITY</u> I-MKE	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 10 AUGUST 2023	<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>
BAE VOR/DME		YOUNT INT/I-MKE 13.69 DME/RADAR					143.43	27.57	2700
YOUNT INT/I-MKE 13.69 DME/RADAR	IF/IAF	CUTMO/I-MKE 7.77 DME/RADAR					011.16	5.92 (I-MKE)	2600

**MISSED APPROACH**

**MAP:**

ILS: DA  
LOC: 5.78 NM AFTER CUTMO/I-MKE 7.77 DME/RADAR OR AT I-MKE 1.99 DME

**MISSED APPROACH INSTRUCTIONS:**

CLIMB TO 1200 THEN CLIMBING LEFT TURN TO 2900 DIRECT BAE VOR/DME AND HOLD.

**ALTERNATE MISSED APPROACH INSTRUCTIONS:**

**PROFILE:**

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- HOLD S YOUNT, RT, 011.16 INBOUND, 2700 FT. IN LIEU OF PT (IAF), MAX 5000.
- FAF: 011.16 FAF: CUTMO/I-MKE 7.77 DME/RADAR DIST FAF TO MAP: 5.78 DIST FAF TO THLD: 5.78
- MIN ALT: YOUNT INT/I-MKE 13.69 DME/RADAR 2700, CUTMO/I-MKE 7.77 DME/RADAR 2600
- DIST TO THLD FROM OM: MM: IM: 824 100 HAT: 836 150 HAT: GS ANT: 1251
- MIN GS INCPT: 2600 GS ALT AT PFAF: CUTMO/I-MKE 7.77 DME/RADAR 2600 OM: MM: IM: 819
- GS ANGLE: 3.00 34:1 20:1 TCH: 56.2
- MSA FROM: BAE VOR/DME 2900

QUALITY  
35  
CHECKED

**NOTES:**

CAT II ILS - SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED; S-ILS 1L: CAT A, B, C, D, RA 98, RVR 1200, HAT 100, DA 804 MSL.  
CAT III ILS - SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED; S-ILS 1L: CAT A, B, C, D, RVR 600  
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON BAE VOR/DME AIRWAY RADIALS 100 CW 191.  
CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).

**ADDITIONAL FLIGHT DATA:**

HOLD W, RT, 090.00 INBOUND.  
CHART FAS OBST: 853 POLE (55-084012) 425257N/0875433W.  
CHART VDP AT 3.13 DME.  
DISTANCE VDP TO THLD 1.14 NM.  
CHART CIRCLING ICON.

**MINIMUMS:**

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

**ALTERNATE:** NA ☐ ILS: STANDARD; LOC: STANDARD

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 01L	904	1800	200	904	1800	200	904	1800	200	904	1800	200			
S-LOC 01L	1140	2400	436	1140	2400	436	1140	4000	436	1140	4000	436			
SIDESTEP 01R	1140	1	462	1140	1	462	1140	1 1/2	462	1140	2	462			
CIRCLING	1240	1	512	1240	1	512	1240	1 1/2	512	1360	2	632			

**CHANGES - REASONS**

1. UPDATED AIRPORT ELEVATION FROM 729 TO 728 - ACTIVE AIRNAV DATA 04/23/2020.
2. WHOLE PROCEDURE: CHANGED IF/IAF FIX NAME FROM JUTAX TO YOUNT IN TERMINAL ROUTES, PROFILE LINE 2 HOLD AND LINE 4 MIN ALT - PER AIR TRAFFIC/IFP CHECKLIST REQUEST.
3. REMOVED "PFAF" FROM TERMINAL ROUTES ENDING AT CUTMO - ADDRESS CODING ERROR IAW 8260.19I, 8-6-4.A.
4. UPDATED STARTING RADIAL FOR PROCEDURE NA AT BAE NOTE FROM 085 TO 100 - TURN LIMITATION IAW 8260.19I, 8-2-5.E.
5. REMOVED ASTERISK "\*" AND "\*\* LOC ONLY" FROM ADDITIONAL FLIGHT DATA - NO LONGER REQUIRED IAW 8260.19I, 1-1-5.F (12).
6. ADDED OBSTACLE ID TO FAS OBSTACLE IN ADDITIONAL FLIGHT DATA - CRITERIA FORMAT IAW 8260.19I, 8-6-10.C.
7. MINIMUMS: UPDATED CIRCLING CAT A/B/C HAA FROM 511 TO 512 AND CAT D FROM 631 TO 632 - AIRPORT ELEVATION CHANGED FROM 729 TO 728.

**AIRPORT ID**  
KMKE

**PROCEDURE NAME**  
ILS OR LOC RWY 1L  
ILS RWY 1L (CAT II),  
ILS RWY 1L (CAT III)

**ORIGINAL/AMENDMENT**  
10A

**CITY**  
MILWAUKEE

**STATE**  
WI

**COORDINATED WITH:**

**A4A** ☒ **ALPA** ☒ **AOPA** ☒ **APA** ☒ **HAI** ☐ **NBAA** ☒ **OTHER:** ZAU, MKE APP CON, AMGR.

**FLIGHT CHECKED BY**

PROCESSED IAW TECHNICAL SUPPORT GROUP (AJF-17) MEMO DATED 07/07/2021 GUIDANCE  
FOR PROCEDURAL CHANGES REQUIRING FLIGHT INSPECTION/VALIDATION

**DEVELOPED BY**

RAFAEL A MARTINEZ

*Digitally signed by*

**RAFAEL A MARTINEZ**

Apr 06, 2023

**APPROVED BY**

JOHNNIE BAKER

*Digitally signed by*

**DAVID TEFFETELLER**

Apr 10, 2023

**OFFICE**

*Digitally signed by*

**DATE**

**DAVID TEFFETELLER**

Apr 10, 2023

**OFFICE**

AJV-A433

**DATE**

03/01/2023

**OFFICE**

AJV-A430

**DATE**

**TITLE**

MANAGER