

**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> KBMI	<u>PROCEDURE NAME</u> ILS OR LOC RWY 20 ILS RWY 20 (CAT II)	<u>ORIGINAL/AMENDMENT</u> 3C	<u>CITY</u> BLOOMINGTON/NORMAL	<u>STATE</u> IL		
<u>AIRPORT ELEVATION</u> 871	<u>TDZE</u> 871	<u>SUPERSEDED</u> ILS OR LOC RWY 20 ILS RWY 20 (CAT II)	<u>ORIGINAL/AMENDMENT</u> 3B	<u>DATED</u> 10/12/2017	<u>MAG VAR</u> 3W	<u>EPOCH YEAR</u> 2015
<u>FACILITY</u> I-LHJ	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 29 DECEMBER 2022	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>		

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
MCLEN INT/PNT 31.04 DME		EGROW LOM/I-LHJ 4.62 DME					055.36	15.21	2500
PNT VOR/DME	IAF	OLIDE INT/I-LHJ 10.86 DME	NOPT				202.13	10.71	2500
OLIDE INT/I-LHJ 10.86 DME	IF	EGROW LOM/I-LHJ 4.62 DME					200.91	6.24 (I-LHJ)	2500

MISSED APPROACH

MAP:

ILS: DA
LOC: 4.76 NM AFTER EGROW LOM

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 1500 THEN CLIMBING RIGHT TURN TO 3000 ON HEADING 270 AND ON PNT VOR/DME R-214 TO MCLEN INT/PNT 31.04 DME AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS (DO NOT CHART):

CLIMB TO 1500 THEN CLIMBING LEFT TURN TO 3000 DIRECT EGROW LOM/I-LHJ 4.62 DME AND HOLD.

PROFILE:

1. PT	L	SIDE OF COURSE	020.91	OUTBOUND	2500	FT WITHIN	10	MILES OF	EGROW LOM (IAF)
2.									
3. FAC:	200.91	FAF:	EGROW LOM/I-LHJ 4.62 DME	DIST FAF TO MAP:	4.76	DIST FAF TO THLD:	4.76		
4. MIN ALT:	EGROW LOM/I-LHJ 4.62 DME 2500								
5. DIST TO THLD FROM OM:	4.76	MM:		IM:	1116	100 HAT:	945	100 HAT:	945
				150 HAT:		GS ANT:	1048		
6. MIN GS INCPT:	2500	GS ALT AT PFAF:	GP INTCP 2500	OM:	2459	MM:		IM:	980
7. GS ANGLE:	3.00	34:1:		20:1:		TCH:	58.1		
8. MSA FROM:	LH LOM 2800								

QUALITY
22
CHECKED

EQUIPMENT REQUIREMENTS NOTES:

NOTES:

CAT II ILS - SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED; S-ILS 20: CAT A, B, C, D, RA 122, RVR 1200, HAT 100, DA 971 MSL.
CAT II CHART NOTE: PROCEDURE NA WHEN TOWER CLOSED.

ADDITIONAL FLIGHT DATA:

HOLD SW, RT, 033.67 INBOUND.
CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD N EGROW LOM/I-LHJ 4.62 DME, RT, 200.91 INBOUND.
CHART FAS OBST: 996 ELEV 403011N/0885403W.
CHART VDP AT 0.88 DME
DISTANCE VDP TO THLD 1.02 NM.
CHART IN PLANVIEW: EGROW LOM/I-LHJ 4.62 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 C 800-2 1/4, CAT D 800-2 1/2, 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 20	1071	1800	200	1071	1800	200	1071	1800	200	1071	1800	200			
S-LOC 20	1260	2400	389	1260	2400	389	1260	3500	389	1260	3500	389			
CIRCLING	1340	1	469	1340	1	469	1620	2 1/4	749	1620	2 1/2	749			

CHANGES - REASONS

1. REMOVED "WHEN AUTHORIZED BY ATC" FROM ALTERNATE MISSED APPROACH INSTRUCTIONS - NO LONGER REQUIRED BY CURRENT CRITERIA.
2. MOVED BACKUP ALTIMETER NOTE AND ASSOCIATED ALS NOTE FROM 8260-3 TO 8260-9, PART C: GENERAL REMARKS AS CONTINGENCY NOTE - 8260.191 8-6-9F(3).
3. REMOVED ""*LOC ONLY" FROM ADDITIONAL FLIGHT DATA - NO LONGER REQUIRED BY CURRENT CRITERIA.
4. REMOVED ""* FROM "CHART VDP AT 0.88 DME*" IN ADDITIONAL FLIGHT DATA - NO LONGER REQUIRED BY CURRENT CRITERIA.
5. REMOVED "CHART AIRPORT ELEVATION: 871" FROM ADDITIONAL FLIGHT DATA - ALREADY CHARTED.

COORDINATED WITH:

A4A **ALPA** **AOPA** **APA** **HAI** **NBAA** **OTHER:** ZAU, PIA APP CON, BMI ATCT, AFLD MGR

FLIGHT CHECKED BY

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

OFFICE *Digitally signed by* **DATE**

CASIMIR L TABAKA
Jul 25, 2022

DEVELOPED BY

CASIMIR L. TABAKA (SILVIA YOUNG)

Digitally signed by **OFFICE** **DATE**
CASIMIR L TABAKA AJV-A432 06/06/2022
Jul 25, 2022

APPROVED BY

JOHNNIE BAKER

Digitally signed by
CASIMIR L TABAKA
Jul 25, 2022

OFFICE **DATE**
AJV-A430

TITLE
MANAGER

