

**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 2	<u>ORIGINAL/AMENDMENT</u> ORIG-E	<u>CITY</u> BLOOMINGTON/NORMAL	<u>STATE</u> IL		
<u>AIRPORT ELEVATION</u> 871	<u>TDZE</u> 867	<u>SUPERSEDED</u> ILS OR LOC RWY 2	<u>ORIGINAL/AMENDMENT</u> ORIG-D	<u>DATED</u> 09/10/2020	<u>MAG VAR</u> 3W	<u>EPOCH YEAR</u> 2015
<u>FACILITY</u> I-TXN	<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
AXC VORTAC		HUPAD INT/I-TXN 12.38 DME					346.59	33.73	3100
PNT VOR/DME		HUPAD INT/I-TXN 12.38 DME					197.27	33.89	3000
HUPAD INT/I-TXN 12.38 DME	IF/IAF	CIGIG/I-TXN 6.38 DME					020.90	6.01 (I-TXN)	2500

MISSED APPROACH

MAP:

ILS: DA
LOC: I-TXN 1.46 DME

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 1400 THEN CLIMBING LEFT TURN TO 3000 ON HEADING 330 AND ON PNT VOR/DME R-214 TO KAPPA INT/PNT 14.31 DME AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS (DO NOT CHART):

CLIMB TO 1400 THEN CLIMBING LEFT TURN TO 3000 DIRECT PIA VORTAC AND HOLD.

PROFILE:

1. PT **SIDE OF COURSE** **OUTBOUND** **FT WITHIN** **MILES OF** (IAF)
2. HOLD S HUPAD, RT, 020.90 INBOUND, 3000 FT. IN LIEU OF PT (IAF), MAX 6000.
3. **FAC:** 020.90 **FAF:** CIGIG/I-TXN 6.38 DME **DIST FAF TO MAP:** **DIST FAF TO THLD:** 4.91
4. **MIN ALT:** HUPAD INT/I-TXN 12.38 DME 3000, CIGIG/I-TXN 6.38 DME 2500
5. **DIST TO THLD FROM OM:** **MM:** **IM:** **150 HAT:** **GS ANT:** 940
6. **MIN GS INCPT:** 2500 **GS ALT AT PFAF:** CIGIG/I-TXN 6.38 DME 2500 **OM:** **MM:** **IM:**
7. **GS ANGLE:** 3.00 **34:1:** **20:1:** **TCH:** 55.2
8. **MSA FROM:** ARP KBMI 2800

EQUIPMENT REQUIREMENTS NOTES:

DME REQUIRED FOR LOC ONLY.



NOTES:

CHART NOTE: AUTOPILOT COUPLED APPROACH NA BELOW 1100.
 CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
 CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY TO S-ILS 2.
 CHART NOTE: FOR INOPERATIVE ALS, INCREASE S-LOC 2 CAT A/B VISIBILITY TO RVR 5500 AND CAT C/D VISIBILITY TO RVR 6000.

ADDITIONAL FLIGHT DATA:

HOLD NE, RT, 213.67 INBOUND.
 CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD W PIA VORTAC, RT, 095.00 INBOUND.
 FAS OBST: 980 AAO 402451N/0885648W.
 991 AAO 402300N/0885554W.
 CHART VDP AT 2.49 DME
 DISTANCE VDP TO THLD 1.03 NM.
 CHART IN PLANVIEW: PIA VORTAC.
 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 02	1067	4000	200	1067	4000	200	1067	4000	200	1067	4000	200				
S-LOC 02	1260	4000	393	1260	4000	393	1260	4000	393	1260	4000	393				
CIRCLING	1340	1	469	1340	1	469	1620	2 1/4	749	1620	2 1/2	749				

CHANGES - REASONS

1. PROFILE LINE 8: CHANGED FROM "BMI VOR/DME 2800" TO " ARP KBMI 2800" - BMI VOR MON PROGRAM, PER IFP CHECKLIST REQUEST, BASED ON LOC BC RWY 11 A12 FULL AMENDMENT.
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.

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

CASIMIR L TABAKA

Jul 25, 2022

OFFICE

AJV-A432

DATE

06/06/2022

APPROVED BY

JOHNNIE BAKER

Digitally signed by

CASIMIR L TABAKA

Jul 25, 2022

OFFICE

AJV-A430

DATE

TITLE
MANAGER

