

**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 29	<u>ORIGINAL/AMENDMENT</u> 11C	<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SUPERSEDED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 29	<u>ORIGINAL/AMENDMENT</u> 11B	<u>DATED</u> 07/19/2018	<u>MAG VAR</u> 3W	<u>EPOCH YEAR</u> 2015
<u>FACILITY</u> I-BMI	<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
CMI VORTAC	IAF	FEXIK INT/CMI 26.47 DME	NOPT				323.05	26.47	3100
FEXIK INT/CMI 26.47 DME	IF	ANNAY OM INT/I-BMI 7.98 DME					290.89	8.43 (I-BMI)	3100

MISSED APPROACH

MAP:

ILS: DA
LOC: 6.57 NM AFTER ANNAY OM/INT/I-BMI 7.98 DME OR AT I-BMI 1.41 DME

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 1500 THEN CLIMBING RIGHT TURN TO 3000 ON HEADING 350 AND ON PNT VOR/DME R-214 TO KAPPA INT/PNT 14.31 DME AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. PT L **SIDE OF COURSE** 110.89 **OUTBOUND** 3100 **FT WITHIN** 10 **MILES OF** ANNAY OM INT/I-BMI 6.75 DME (IAF)
- 2.
3. **FAC:** 290.89 **FAF:** ANNAY OM INT/I-BMI 7.98 DME **DIST FAF TO MAP:** 6.57 **DIST FAF TO THLD:** 6.57
4. **MIN ALT:** ANNAY OM INT/I-BMI 7.98 DME 3100, WURSU/I-BMI 3.21 DME 1380*
5. **DIST TO THLD FROM OM:** 6.57 **MM:** **IM:** **150 HAT:** **GS ANT:** 1074
6. **MIN GS INCPT:** 3100 **GS ALT AT PFAP :** **OM:** 3058 **MM:** **IM:**
7. **GS ANGLE:** 3.00 **34:1:** **20:1:** **TCH:** 56.1
8. **MSA FROM:** ARP KBMI 2800

EQUIPMENT REQUIREMENTS NOTES:



NOTES:

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON CMI VORTAC AIRWAY RADIALS 297 CW 006.
 *1500 WHEN USING GENERAL DOWNING-PEORIA INTL ALTIMETER SETTING.
 CHART NOTE: FOR INOPERATIVE ALS, INCREASE S-LOC 29 CATS C AND D VISIBILITY TO 1 3/8 SM AND WURSU FIX MINIMUMS CATS C AND D VISIBILITY TO RVR 5500.
 CHART NOTE: **RVR 1800 AUTHORIZED WITH USE OF FD OR AP OR HUD TO DA (NA WHEN USING GENERAL DOWNING-PEORIA INTL ALTIMETER SETTING)

ADDITIONAL FLIGHT DATA:

1119 AAO 402631N/0884449W.
 HOLD NE, RT, 213.67 INBOUND.
 CHART FAS OBST: 979 TREE 402824N/0885411W.
 CHART VDP AT 2.35 DME
 DISTANCE VDP TO THLD 0.94 NM.
 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 29	1071	2400	200	1071	2400	200	1071	2400	200	1071	2400	200			
S-LOC 29	1380	2400	509	1380	2400	509	1380	2400	509	1380	2400	509			
CIRCLING	1380	1	509	1380	1	509	1620	2 1/4	749	1620	2 1/2	749			
WURSU FIX MINIMUMS															
S-LOC 29	1240	2400	369	1240	2400	369	1240	2400	369	1240	2400	369			
CIRCLING	1340	1	469	1340	1	469	1620	2 1/4	749	1620	2 1/2	749			

CHANGES - REASONS

1. REMOVED ALTERNATE MISSED APPROACH INSTRUCTIONS "CLIMB TO 1500 THEN CLIMBING RIGHT TURN TO 3100 ON HEADING 140 AND ON BMI VOR/DME R-106 TO ANNAY OM/INT/I-BMI 7.98 DME AND HOLD" - BMI VOR MON PROGRAM.
2. PROFILE LINE 8: CHANGED FROM "BMI VOR/DME 2800" TO "ARP KBMI 2800" - PER IFP CHECKLIST REQUEST, BMI VOR MON PROGRAM, BASED ON LOC BC RWY 11 A12 FULL AMENDMENT.
3. MOVED BACKUP ALS NOTE FROM 8260-3 TO 8260-9, PART C: GENERAL REMARKS AS CONTINGENCY NOTE - 8260.191 8-6-9F(3).
4. REMOVED "LOC ONLY" AND "" FROM "CHART VDP AT 2.35 DME"" FROM ADDITIONAL FLIGHT DATA - NO LONGER REQUIRED BY CURRENT CRITERIA.
5. REMOVED "CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD E ANNAY OM/INT/I-BMI 7.98 DME, RT, 290.89 INBOUND" FROM ADDITIONAL FLIGHT DATA - REMOVED ALTERNATE MISSED APPROACH DUE TO BMI VOR MON PROGRAM.
6. CHANGED CHART NOTE FROM "LOC MINIMUMS: FOR INOPERATIVE ALS, INCREASE S-LOC 29 CATS C AND D VISIBILITY TO 1 3/8 SM; WURSU FIX MINIMUMS: FOR INOPERATIVE ALS, INCREASE S-LOC 29 VISIBILITY TO RVR 5500" TO "FOR INOPERATIVE ALS, INCREASE S-LOC 29 CATS C AND D VISIBILITY TO 1 3/8 SM AND WURSU FIX MINIMUMS CATS C AND D VISIBILITY TO RVR 5500" - UPDATE TO CORRECT FORMAT/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

06/09/2022

APPROVED BY

JOHNNIE BAKER

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CASIMIR L TABAKA

Jul 25, 2022

OFFICE

AJV-A430

DATE

TITLE
MANAGER

