

**FEDERAL AVIATION ADMINISTRATION  
FLIGHT STANDARDS SERVICE  
LOC BC STANDARD INSTRUMENT APPROACH PROCEDURE  
TITLE 14 CFR PART 97.25**

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.

<b><u>AIRPORT ID</u></b> KBMI	<b><u>PROCEDURE NAME</u></b> LOC BC RWY 11	<b><u>ORIGINAL/AMENDMENT</u></b> 12	<b><u>CITY</u></b> BLOOMINGTON/NORMAL	<b><u>STATE</u></b> IL		
<b><u>AIRPORT ELEVATION</u></b> 871	<b><u>TDZE</u></b> 871	<b><u>SUPERSEDED</u></b> LOC BC RWY 11	<b><u>ORIGINAL/AMENDMENT</u></b> 11	<b><u>DATED</u></b> 10/15/2015	<b><u>MAG VAR</u></b> 3W	<b><u>EPOCH YEAR</u></b> 2015
<b><u>FACILITY</u></b> I-BMI	<b><u>COORDINATES OF FACILITIES</u></b>	<b><u>ACTUAL EFFECTIVE DATE</u></b> 29 DECEMBER 2022	<b><u>REQUIRED EFFECTIVE DATE</u></b> ROUTINE	<b><u>CANCEL/SUSPEND</u></b>		

**TERMINAL ROUTES**

<b><u>FROM</u></b>	<b><u>FIX TYPE</u></b>	<b><u>TO</u></b>	<b><u>FIX TYPE</u></b>	<b><u>LEG TYPE</u></b>	<b><u>FO/FB</u></b>	<b><u>RNP</u></b>	<b><u>COURSE</u></b>	<b><u>DISTANCE</u></b>	<b><u>ALTITUDE</u></b>
PIA VORTAC	IAF	BOJOE INT/I-BMI 10.69 DME	NOPT				102.11	30.04	2500
BOJOE INT/I-BMI 10.69 DME	IF	IYUSI INT/I-BMI 4.64 DME/RADAR					110.88	6.05 (I-BMI)	2500

**MISSED APPROACH**

**MAP:**

LOC: 4.16 NM AFTER IYUSI INT/I-BMI 4.64 DME/RADAR OR AT RAWIN/I-BMI 0.49 DME

**MISSED APPROACH INSTRUCTIONS:**

CLIMB TO 3100 ON I-BMI LOCALIZER SE COURSE 111 TO ANNAY OM INT/I-BMI 7.98 DME AND HOLD, CONTINUE CLIMB-IN-HOLD TO 3100.

**ALTERNATE MISSED APPROACH INSTRUCTIONS:**

**PROFILE:**

1. PT	L	SIDE OF COURSE	290.88	OUTBOUND	2800	FT WITHIN	10	MILES OF	IYUSI INT/I-BMI 4.64 DME/RADAR (IAF)
2.									
3. FAC:	110.88	FAF: IYUSI INT/I-BMI 4.64 DME/RADAR				DIST FAF TO MAP: 4.16		DIST FAF TO THLD: 4.98	
4. MIN ALT:	IYUSI INT/I-BMI 4.64 DME/RADAR 2500								
8. MSA FROM:	ARP KBMI 2800								

**EQUIPMENT REQUIREMENTS NOTES:**

RADAR REQUIRED FOR PROCEDURE ENTRY AT IYUSI.

**NOTES:**

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON PIA VORTAC AIRWAY RADIALS 076 CW 115.  
CHART PROFILE NOTE: DISREGARD GS INDICATIONS.



**ADDITIONAL FLIGHT DATA:**  
HOLD E, RT, 290.89 INBOUND.  
FAS OBST: 1020 AAO 403000N/0890303W.  
1039 AAO 402948N/0890342W.  
CHART CIRCLING ICON.  
IYUSI TO RW11: 3.00/43.

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

**ALTERNATE:** NA ☐ 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-LOC BC 11	1280	1	409	1280	1	409	1280	1 1/8	409	1280	1 1/8	409			
CIRCLING	1340	1	469	1340	1	469	1620	2 1/4	749	1620	2 1/2	749			

- CHANGES - REASONS**
- TERMINAL ROUTES: REMOVED "BMI VOR/DME TO WAGOR INT/I-BMI 4.57 DME" SEGMENT - PER IFP CHECKLIST REQUEST, BMI VOR MON PROGRAM.
  - TERMINAL ROUTES: CHANGED FROM "WAGOR INT/I-BMI 4.57 DME" TO "IYUSI INT/I-BMI 4.64 DME/RADAR" AND CHANGED DISTANCE FROM 6.12 TO 6.05 FOR THE IF SEGMENT - FAF MOVED BY 0.07 NM BASED ON GPA 3.00/TCH 42.8, NEW FAF FIX.
  - CHANGED MAP FROM "4.09 NM AFTER WAGOR INT/I-BMI 4.57 DME OR AT RAWIN/I-BMI 0.49 DME" TO " 4.16 NM AFTER IYUSI INT/I-BMI 4.64 DME/RADAR OR AT RAWIN/I-BMI 0.49 DME" IN MISSED APPROACH - FAF MOVED BY 0.07 NM, NEW FAF FIX.
  - CHANGED MISSED APPROACH INSTRUCTIONS FROM "CLIMB TO 1500 THEN CLIMBING LEFT TURN TO 3000 ON HEADING 030 AND BMI VOR/DME R-060 TO COOKS INT/PNT 16.61 DME AND HOLD" TO " CLIMB TO 3100 ON I-BMI LOCALIZER SE COURSE 111 TO ANNAY OM INT/I-BMI 7.98 DME AND HOLD, CONTINUE CLIMB-IN-HOLD TO 3100" - PER IFP CHECKLIST REQUEST.
  - PROFILE LINE 1: CHANGED FROM "WAGOR INT/I-BMI 4.57 DME (IAF)" TO "IYUSI INT/I-BMI 4.64 DME/RADAR (IAF)" - FAF MOVED BY 0.07 NM, NEW FAF FIX.
  - PROFILE LINE 3: CHANGED FAF FROM "WAGOR INT/I-BMI 4.57 DME" TO "IYUSI INT/I-BMI 4.64 DME/RADAR", DIST FROM FAF TO MAP FROM 4.09 TO 4.16 AND DIST FROM FAF TO THLD FROM 4.91 TO 4.98 - FAF MOVED BY 0.07 NM BASED ON GPA 3.00/TCH 42.8, NEW FAF FIX.
  - PROFILE LINE 4: CHANGED MIN ALT FROM "WAGOR 2500" TO "IYUSI INT/I-BMI 4.64 DME/RADAR 2500" - 8260.19I, 8-6-7D.
  - PROFILE LINE 8: CHANGED FROM "BMI VOR/DME 2800" TO "ARP KBMI 2800" - PER IFP CHECKLIST REQUEST, BMI VOR MON PROGRAM.
  - MOVED BACKUP ALTIMETER NOTE FROM 8260-3 TO 8260-9, PART C: GENERAL REMARKS AS CONTINGENCY NOTE - 8260.19I 8-6-9F(3).
  - ADDED PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON PIA VORTAC AIRWAY RADIALS 076 CW 115 - TURN EXCEEDS 120 DEGREES.
  - CHANGED FROM "HOLD N, LT, 182.00 INBOUND" TO "HOLD E, RT, 290.89 INBOUND" IN ADDITIONAL FLIGHT DATA - FIX HOLDING CHANGED PER IFP CHECKLIST REQUEST.
  - CHANGED FROM "WAGOR TO RW11: 3.04/43" TO "IYUSI TO RW11: 3.00/43" - TO MATCH THE VGSI/TCH ANGLE.
  - CHANGED FAS OBST: FROM "999 AAO 402939N/0890010W" TO "1020 AAO 403000N/0890303W" IN ADDITIONAL FLIGHT DATA - NEW CONTROLLING OBSTACLE.
  - CHANGED 7:1 OBST: FROM "1029 AAO 103009N/0890307W" TO "1039 AAO 402948N/0890342W" IN ADDITIONAL FLIGHT DATA - NEW CONTROLLING OBSTACLE.
  - CHANGED FROM "S-11" TO "S-LOC BC 11" IN MINIMUMS BLOCK - UPDATE TO CORRECT FORMAT.
  - CHANGED S-LOC BC 11 MINIMUMS FROM "1260 MDA/389 HAT" TO "1280 MDA/409 HAT" - NEW CONTROLLING OBSTACLE.
  - ADDED "RADAR REQUIRED FOR PROCEDURE ENTRY AT IYUSI" IN EQUIPMENT REQUIREMENT NOTES - 8260.19I 8-6-8.

**COORDINATED WITH:**  
A4A ☒ ALPA ☒ AOPA ☒ APA ☒ HAI ☐ NBAA ☒ OTHER: ZAU, PIA APP CON, BMI ATCT, AFLD MGR, ATA

<b>FLIGHT CHECKED BY</b> MICHAEL A GREENWOOD	<i>Digitally signed by</i> <b>CASIMIR L TABAKA</b> Sep 06, 2022	<b>OFFICE</b> FPO	<b>DATE</b> 09/01/2022	
<b>DEVELOPED BY</b> CASIMIR L. TABAKA (SILVIA YOUNG)	<i>Digitally signed by</i> <b>CASIMIR L TABAKA</b> Jul 25, 2022	<b>OFFICE</b> AJV-A432	<b>DATE</b> 06/06/2022	
<b>APPROVED BY</b> JOHNNIE BAKER	<i>Digitally signed by</i> <b>CASIMIR L TABAKA</b> Jul 25, 2022	<b>OFFICE</b> AJV-A430	<b>DATE</b>	<b>TITLE</b> MANAGER

