

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> BMI	<u>PROCEDURE NAME</u> ILS OR LOC RWY 29	<u>ORIGINAL/AMENDMENT</u> 12	<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SUPERSEDED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> 11D	<u>DATED</u> 04/20/2023
<u>FACILITY</u> I-BMI	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 26 DECEMBER 2024	<u>REQUIRED EFFECTIVE DATE</u> 12/26/2024	<u>MAG VAR</u> 3W
				<u>EPOCH YEAR</u> 2015
				<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>
CMI VORTAC	IAF	FEXIK INT/I-BMI 16.41 DME	NOPT				323.05	26.47	3100
FEXIK INT/I-BMI 16.41 DME	IF	ANNAY OM/I-BMI 7.98 DME/RADAR					290.89 (I-BMI)	8.43	3100

MISSED APPROACH

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

MISSED APPROACH INSTRUCTIONS:
CLIMB TO 1500 THEN CLIMBING LEFT TURN TO 3000 DIRECT PIA VORTAC AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. PT L SIDE OF COURSE 110.89 OUTBOUND 3100 FT WITHIN 10 MILES OF ANNAY OM/I-BMI 7.98 DME/RADAR (IAF)
- 2.
3. FAC: 290.89 FAF: ANNAY OM/I-BMI 7.98 DME/RADAR DIST FAF TO MAP: 6.57 DIST FAF TO THLD: 6.57
4. MIN ALT: ANNAY OM/I-BMI 7.98 DME/RADAR 3100, WURSU/I-BMI 3.84 DME 1700
5. DIST TO THLD FROM OM: 6.57 MM: IM: 150 HAT: GS ANT: 1074
6. MIN GS INCPT: 3100 GS ALT AT PFAF: GP INTCP OM: 3019 MM: IM:
7. GS ANGLE: 3.00 34:1: 20:1: TCH: 56.1
8. MSA FROM: ARP KBMI 2800



EQUIPMENT REQUIREMENTS NOTES:

DME REQUIRED.
RADAR REQUIRED FOR PROCEDURE ENTRY AT ANNAY OM.

NOTES:

CHART NOTE: VDP NA WHEN USING PIA ALTIMETER SETTING.
CHART NOTE: * RVR 1800 AUTHORIZED WITH USE OF FD OR AP OR HUD TO DA (NA WHEN USING PIA ALTIMETER SETTING).
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON CMI VORTAC AIRWAY RADIALS 234 CW 006.
CHART NOTE: FOR INOPERATIVE ALS, INCREASE S-LOC 29 CATS C AND D VISIBILITY TO RVR 5500.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE PIA ALTIMETER SETTING: INCREASE S-ILS 29 DA TO 1187 FEET; INCREASE ALL MDAS 120 FEET AND S-LOC 29 VISIBILITY CATS C AND D TO RVR 5000 AND CIRCLING VISIBILITY CATS C AND D 1/4 SM.
CHART NOTE: FOR INOPERATIVE ALS WHEN USING PIA ALTIMETER SETTING: INCREASE S-ILS 29 VISIBILITY ALL CATS TO RVR 4500 AND S-LOC 29 VISIBILITY CATS C AND D TO 1 3/8 SM.

ADDITIONAL FLIGHT DATA:

CHART CMI 26.47 DME AT FEXIK.

HOLD W, RT, 095.00 INBOUND.
CHART FAS OBST: 933 TREE (17-031911) 402823N/0885415W.
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	1240	2400	369	1240	2400	369	1240	3500	369	1240	3500	369			
CIRCLING	1340	1	469	1340	1	469	1620	2 1/4	749	1620	2 1/2	749			



CHANGES - REASONS

1. REMOVED ALL INSTANCES OF PNT VOR/DME DEPENDENCIES – ANNAY OM NO LONGER IDENTIFIED AS INTERSECTION FIX DUE TO PNT VORMON.
2. MISSED APPROACH INSTRUCTIONS: CHANGED FROM "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" TO "CLIMB TO 1500 THEN CLIMBING LEFT TURN TO 3000 DIRECT PIA VORTAC AND HOLD" – PROCEDURE REDESIGN DUE TO PNT VORMON.
3. PROFILE LINE 4: UPDATED WURSU FROM "WURSU/I-BMI 3.21 DME 1380" TO "WURSU/I-BMI 3.84 DME 1700" – PROCEDURE REDESIGN/STEPDOWN FIX ALTITUDE RAISED AND DUAL LINES OF MINIMUM REMOVED DUE TO FPT REQUEST.
4. PROFILE LINE 6: OM UPDATED FROM "3058" TO "3019" – FAF MOVED TO MAINTAIN 3.00 GPA.
5. ADDED EQUIPMENT REQUIREMENTS NOTES: "DME REQUIRED" AND "RADAR REQUIRED FOR PROCEDURE ENTRY AT ANNAY OM" – PNT VOR/DME DEPENDENCIES REMOVED DUE TO PNT VORMON AND IAW 8260.19J PARAS 8-6-9 A AND 8-6-10 G.
6. UPDATED CHART PLANVIEW NOTE FROM "PROCEDURE NA FOR ARRIVAL ON CMI VORTAC AIRWAY RADIALS 297 CW 006" TO "PROCEDURE NA FOR ARRIVAL ON CMI VORTAC RADIALS 234 CW 006" – IAW 8260.19J PARA 8-2-5 E(2).
7. UPDATED CHART NOTE FROM "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" TO "FOR INOPERATIVE ALS, INCREASE S-LOC 29 CATS C AND D VISIBILITY TO RVR 5000" – REMOVED WURSU FIX MINIMUMS DUE TO PROCEDURE REDESIGN/FPT REQUEST.
8. UPDATED CHART NOTE FROM "RVR 1800 AUTHORIZED WITH USE OF FD OR AP OR HUD TO DA (NA WHEN USING GENERAL DOWNING-PEORIA INTL ALTIMETER SETTING)" TO "RVR 1800 AUTHORIZED WITH USE OF FD OR AP OR HUD TO DA (NA WHEN USING PIA ALTIMETER SETTING)" AND DELETED SECOND ASTERISK SYMBOL FROM NOTE AND ASSOCIATED LINE OF MINIMA – IAW 8260.19J PARA 8-6-12 K(1).
9. MOVED PRIMARY ALTIMETER INOPERATIVE NOTE FROM 8260-9 TO PROCEDURES NOTE SECTION AND UPDATED FROM "NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE GENERAL DOWNING-PEORIA INTL ALTIMETER SETTING: INCREASE S-ILS 29 DA TO 116 FEET AND ALL MDAS 120 FT, INCREASE S-LOC 29 CAT C/D VISIBILITY TO 3/8 SM AND CIRCLING CAT C/D VISIBILITY 1/4 SM; INCREASE WURSU FIX MINIMUMS S-LOC CAT C/D VISIBILITY 3/8 SM AND CIRCLING CAT C/D VISIBILITY 1/4 SM" TO "CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE PIA ALTIMETER SETTING: INCREASE S-ILS 29 DA TO 1187 FEET; INCREASE ALL MDAS 120 FEET AND S-LOC 29 VISIBILITY CATS C AND D TO RVR 5000 AND CIRCLING VISIBILITY CATS C AND D 1/4 SM" – UPDATED AND MOVED TO PROCEDURE NOTES SECTION PER FPT REQUEST AND VERBIAGE CORRECTED IAW 8260.19J PARA 8-6-10 F(4); WURSU FIX LINE OF MINIMA REMOVED.
10. MOVED VDP NA NOTE FROM 8260-9 AND UPDATED FROM "NOTE: VDP NA WHEN USING GENERAL DOWNING-PEORIA INTL ALTIMETER SETTING" TO "CHART NOTE: VDP NA WHEN USING PIA ALTIMETER SETTING" – UPDATED AND MOVED TO PROCEDURE NOTES SECTION PER FPT REQUEST AND VERBIAGE CORRECTED IAW 8260.19J PARA 8-6-10 E(9).
11. MOVED INOPERATIVE ALS WHEN USING BACKUP ALTIMETER NOTE FROM 8260-9 AND UPDATED FROM "NOTE: FOR INOPERATIVE ALS WHEN USING GENERAL DOWNING-PEORIA INTL ALTIMETER SETTING, INCREASE S-ILS 29 ALL CATS VISIBILITY TO RVR 4500, INCREASE S-LOC 29 CATS C AND D VISIBILITY TO 1 3/4 SM AND WURSU FIX MINIMUMS CATS C AND D VISIBILITY TO 1 3/8 SM" TO "CHART NOTE: FOR INOPERATIVE ALS WHEN USING PIA ALTIMETER SETTING: INCREASE S-ILS 29 VISIBILITY ALL CATS TO RVR 4500 AND S-LOC 29 VISIBILITY CATS C AND D TO 1 3/8 SM" – UPDATED AND MOVED TO PROCEDURE NOTES SECTION PER FPT REQUEST AND VERBIAGE CORRECTED IAW 8260.19J PARA 8-6-10 F(4); WURSU FIX LINE OF MINIMA REMOVED.
12. ADDITIONAL FLIGHT DATA: REMOVED "1119 AAO 402631N/0884449W" – 7:1 EXCLUSION NO LONGER NECESSARY.
13. ADDITIONAL FLIGHT DATA: MISSED APPROACH HOLDING UPDATED FROM "HOLD NE, RT, 213.67 INBOUND" TO "HOLD W, RT, 095.00 INBOUND" – PROCEDURE REDESIGN DUE TO PNT VOR MON.
14. CHART FAS OBST: CHANGED FROM "979 TREE 402824N/0885411W" TO "933 TREE (17-031911) 402823N/0885415W" - NEW CONTROLLING OBSTACLE.
15. MINIMUMS: STEPDOWN FIX NOT RECEIVED LINE OF MINIMA FOR S-LOC 29 AND CIRCLING REMOVED AND "WURSU FIX MINIMUMS" NOW DESIGNATED AS ONLY S-LOC 29 AND CIRCLING LINES OF MINIMA – PROCEDURE REDESIGN DUE TO PNT VORMON AND DUAL MINIMUMS REMOVED PER FPT REQUEST.

10/31/2024: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 07/01/2024.
12/26/2024 ADDED TO REQUIRED EFFECTIVE DATE.

COORDINATED WITH:

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

FLIGHT CHECKED BY

PENDING

Digitally signed by

CASIMIR L TABAKA

Oct 31, 2024

OFFICE

DATE

DEVELOPED BY

ROBERT G HAMILTON (JILL M. SUPPES)

Digitally signed by

CASIMIR L TABAKA

Oct 31, 2024

OFFICE

DATE

AJV-A43307/01/2024

APPROVED BY

ROBERT G HAMILTON

Digitally signed by

CASIMIR L TABAKA

Oct 31, 2024

OFFICE

DATE

AJV-A433

TITLE

MANAGER

QUALITY
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CHECKED