

ILS - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.29				Bearings, headings, courses, 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 in feet RVR.											
TERMINAL ROUTES				MISSED APPROACH											
FROM	TO	COURSE AND DISTANCE	ALTITUDE												
CMI VORTAC (IAF)	FEXIK INT/CMI 26.47 DME (NOPT)	323.05 / 26.47	3100	ILS: DA LOC: 6.57 MILES AFTER ANNAY OM/INT/I-BMI 7.98 DME OR AT I-BMI 1.41 DME FIX CLIMB TO 1500 THEN CLIMBING RIGHT TURN TO 3000 ON HEADING 350 AND PNT VOR/DME R-214 TO KAPPA INT/PNT 14.31 DME AND HOLD, OR AS DIRECTED BY ATC. ALTERNATE MA: 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. ADDITIONAL FLIGHT DATA: HOLD NE, RT, 213.67 INBOUND. CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD E ANNAY OM/INT/I-BMI 7.98 DME, RT, 290.89 INBOUND. CHART FAS OBST: 979 TREE 402824N/0885411W 1119 AAO 402631N/0884449W. CHART VDP AT 2.35 DME* DISTANCE VDP TO THLD 0.94 MILES. *LOC ONLY. CHART CIRCLING ICON.											
FEXIK INT/CMI 26.47 DME (IF)	ANNAY OM/INT/I-BMI 7.98 DME	290.89 / 8.43 (I-BMI)	3100												
1. PT <u>L</u> SIDE OF COURSE <u>110.89</u> OUTBOUND <u>3100</u> FT WITHIN <u>10</u> MILES OF <u>ANNAY OM</u> (IAF) 2. _____ 3. FAC: <u>290.89</u> FAF: <u>ANNAY OM</u> DIST FAF TO MAP: <u>6.57</u> THLD: <u>6.57</u> 4. MIN. ALT: <u>ANNAY OM 3100, WURSU/I-BMI 3.21 DME 1380*</u> 5. DIST TO THLD FROM OM: <u>6.57</u> MM: <u>-</u> IM: <u>-</u> 150 HAT: <u>-</u> 100 HAT: <u>-</u> GS ANT: <u>1074</u> 6. MIN GS INCPT: <u>3100</u> GS ALT AT: <u>-</u> OM: <u>3058</u> MM: <u>-</u> IM: <u>-</u> 7. GS ANGLE: <u>3.00</u> TCH: <u>56.1</u> 8. MSA FROM: <u>BMI VOR/DME 2800</u>				MAG VAR: <u>3W</u> EPOCH YEAR: <u>2015</u>											
MINIMUMS															
TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT				ALTERNATE: <u>NA</u>		ILS: <u>STANDARD #</u>		LOC: <u>STANDARD @</u>							
CATEGORY <u>=====</u>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/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	5500	509	1380	5500	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			
NOTES: CHART NOTE: **RVR 1800 AUTHORIZED WITH USE OF FD OR AP OR HUD TO DA. *1500 WHEN USING GENERAL DOWNING-PEORIA INTL ALTIMETER SETTING. CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON CMI VORTAC AIRWAY RADIALS 297 CW 006. (SEE FORM 8260-10)															
CITY AND STATE		ELEVATION: 871 TDZE: 871		FACILITY IDENTIFIER: I-BMI		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP:					
BLOOMINGTON/NORMAL, IL		AIRPORT NAME:				ILS OR LOC RWY 29, AMDT 11				AMDT: 10B					
		CENTRAL IL RGNL ARPT AT BLOOMINGTON-NORMAL				15 OCTOBER 2015				DATED		12/15/2011			

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
ILS - STANDARD
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NOTES, (CONT.):

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE GENERAL DOWNING-PEORIA INTL ALTIMETER

SETTING: INCREASE ALL DA 116 FT AND ALL MDA 120 FT; S-LOC CAT C/D VISIBILITY 3/8 MILE, AND

CIRCLING CAT C/D VISIBILITY 1/4 MILE; INCREASE WURSU FIX MINIMUMS S-LOC CAT C/D VISIBILITY 3/8 MILE, AND CIRCLING CAT C/D VISIBILITY 1/4 MILE.

CITY AND STATE

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ARINC PACKET - 424-18 - ILS

NAVAID	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAD	BMI	K5010820VDL	N40285090W088555256		N40285090W088555256E0030008821					NARBLOOMINGTON			
SUSAD	CMJ	K5011000VTL	N40020430W088163382		N40020430W088163382E0030007451					NARCHAMPAIGN			
SUSAD	PNT	K5010960VDLA	N40491632W088440063		N40491632W088440063E0030006801					NARPONTIAC			
SUSAD	KBMIK5	IBMI	K5011095 IT		IBMIN40290780W088562068		008650			NARNCENTRAL IL	RGNL	ARPT	AT BLOOMI

[illegible][illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP KBMIK5FI29	AANNAY	010ANNAYK5PC0EE	AR	PI	IBMIK5	1109008006590100PI	+	03100	18000			0	NS
SUSAP KBMIK5FI29	ACMI	010CMI	K5D 0V	A	FC	CMI K5	0000000032310245D	+	03100	18000		0	NS
SUSAP KBMIK5FI29	ACMI	020FEXIKK5PC0EE	B	CF	IBMIK5	1109016432310020PI	+	03100				0	NS
SUSAP KBMIK5FI29	I	010FEXIKK5PC0E	I	IF	IBMIK5	11090164	PI	J	031000310018000			0	NS
SUSAP KBMIK5FI29	I	020ANNAYK5PC0E	F	CF	IBMIK5	1109008029100084PI	H	0310003058		-300BMI	K5D	0	NS
SUSAP KBMIK5FI29	I	030RW29	K5PGOGY	M	CF	IBMIK5	1109001429100066PI		00927	-300		0	NS
SUSAP KBMIK5FI29	I	040	0	M	CA	2909		+	01500			0	NS
SUSAP KBMIK5FI29	I	050	0		VI	3500						0	NS
SUSAP KBMIK5FI29	I	060KAPPAK5EA0EY		CF	PNT K5	2137014303370070D	+	03000				0	NS
SUSAP KBMIK5FI29	I	070KAPPAK5EA0EE	R	HM		2137T010	+	03000				0	NS

[illegible]

CITY AND STATE
BLOOMINGTON/NORMAL, IL

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ILS 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012

SUSAP KBIK5IIBMI1 011095RW29 N40290512W0885621052909N40283876W0885450891999 10740470300W00305600867

1 2 3 4 5 6 7 8 9 0 1 2 3
MSA 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012

SUSAP KBIK5SBMI K5D 0 18018002825 M

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ARINC SUMMARY - 424-18 - ILS

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	ANNAY	ANNAY	010	IAF	PI	R	FB		065.9()	010.0	AA 03100	
	CMI	CMI	010	IAF	FC		FB		323.1()	024.5	AA 03100	
	CMI	FEXIK	020		CF		FB		323.1()	002.0	AA 03100	
		FEXIK	010	FACF	IF		FB				AA 03100	GI 03100
		ANNAY	020	FAP	CF		FB		291.0()	008.4	GI 03100	GS 03058
		RW29	030	MAP	CF		FO		291.0()	006.6	AT 00927	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		290.9()		AA 01500	
		050		VI		FB		350.0()			
	KAPPA	060		CF		FO		033.7()	007.0	AA 03000	
	KAPPA	070		HM	R	FO		213.7()	001.0	AA 03000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	BMI	N402850.90	W0885552.56	N4028.848	W08855.876
	CMI	N400204.30	W0881633.82	N4002.072	W08816.564
	PNT	N404916.32	W0884400.63	N4049.272	W08844.011
	IBMI (DME)	N402907.80	W0885620.68	N4029.130	W08856.345
	KAPPA	N403746.70	W0885514.06	N4037.778	W08855.234
	ANNAY	N402637.80	W0884624.78	N4026.630	W08846.413
	FEXIK	N402401.08	W0883554.99	N4024.018	W08835.917
	RW29	N402839.25	W0885436.08	N4028.654	W08854.601
	IBMI (LOC)	N402905.12	W0885621.05	N4029.085	W08856.351

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW29	00871	56

CITY AND STATE
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[illegible][illegible][illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3					
SUSAP	KB	MI	K5	FL	29	AANNAY	010ANNAYK5PC0EE	AR	PI	IBMIK5	1109008006590100PI	+	03100	18000	0	NS		
SUSAP	KB	MI	K5	FL	29	ACMI	010CMI K5D 0V A	FC	CMI	K5	0000000032310245D	+	03100	18000	0	NS		
SUSAP	KB	MI	K5	FL	29	ACMI	020FEXIKK5PC0EE	B	CF	IBMIK5	1109016432310020PI	+	03100		0	NS		
SUSAP	KB	MI	K5	FL	29	L	010FEXIKK5PC0E	I	IF	IBMIK5	11090164	PI	+	03100	18000	0	NS	
SUSAP	KB	MI	K5	FL	29	L	020ANNAYK5PC0E	F	CF	IBMIK5	1109008029100084PI	+	03100		BMI	K5D	0	NS
SUSAP	KB	MI	K5	FL	29	L	021WURSUK5PC0E	S	CF	IBMIK5	1109003229100048PI	+	01380		-312	0	NS	
SUSAP	KB	MI	K5	FL	29	L	030RW29 K5PG0GY	M	CF	IBMIK5	1109001429100018PI		00927		-312	0	NS	
SUSAP	KB	MI	K5	FL	29	L	040	0	M	CA	2909	+	01500			0	NS	
SUSAP	KB	MI	K5	FL	29	L	050	0		VI	3500					0	NS	
SUSAP	KB	MI	K5	FL	29	L	060KAPPAK5EA0EY		CF	PNT	K5	2137014303370070D	+	03000			0	NS
SUSAP	KB	MI	K5	FL	29	L	070KAPPAK5EA0EE	R	HM		2137T010	+	03000				0	NS

[illegible]

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ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
	ANNAY	ANNAY	010	IAF	PI	R	FB		065.9()	010.0	AA 03100	
	CMI	CMI	010	IAF	FC		FB		323.1()	024.5	AA 03100	
	CMI	FEXIK	020		CF		FB		323.1()	002.0	AA 03100	
		FEXIK	010	FACF	IF		FB				AA 03100	
		ANNAY	020	FAF	CF		FB		291.0()	008.4	AA 03100	
		WURSU	021	SDF	CF		FB		291.0()	004.8	AA 01380	
		RW29	030	MAP	CF		FO		291.0()	001.8	AT 00927	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		290.9()		AA 01500	
		050		VI		FB		350.0()			
	KAPPA	060		CF		FO		033.7()	007.0	AA 03000	
	KAPPA	070		HM	R	FO		213.7()	T01.0	AA 03000	

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	CMI	N400204.30	W0881633.82	N4002.072	W08816.564
	PNT	N404916.32	W0884400.63	N4049.272	W08844.011
	IBMI (DME)	N402907.80	W0885620.68	N4029.130	W08856.345
	KAPPA	N403746.70	W0885514.06	N4037.778	W08855.234
	ANNAY	N402637.80	W0884624.78	N4026.630	W08846.413
	FEXIK	N402401.08	W0883554.99	N4024.018	W08835.917
	WURSU	N402806.03	W0885221.41	N4028.101	W08852.357
	RW29	N402839.25	W0885436.08	N4028.654	W08854.601
	IBMI (LOC)	N402905.12	W0885621.05	N4029.085	W08856.351

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW29	00871	56

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