

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33				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	LPV: DA LNAV/VNAV: DA LNAV: RW02											
MCLEN	REKYO (FB)	161.81 / 5.72	3000	CLIMB TO 3000 DIRECT ZEMEN THEN ON TRACK 335.32 TO KAPPA AND HOLD.											
THEME	HUPAD (FO)	279.71 / 8.92	3000												
REKYO (IAF)	HUPAD (NOPT) (FB)	110.79 / 5.00	3000	ADDITIONAL FLIGHT DATA: HOLD NE, RT, 219.67 INBOUND. CHART FAS OBST: 969 TREE 402644N/0885446W DISTANCE TO THLD FROM 347 HAT: 0.95 NM. CHART VDP AT 0.90 MILES TO RW02* *LNAV ONLY. WAAS CHANNEL # 56303 REFERENCE PATH ID: W02A CHART CIRCLING ICON. LTP HAE: 229 M											
ALAND (IAF)	HUPAD (NOPT) (FB)	079.34 / 14.87	3000												
EWITT (IAF)	HUPAD (NOPT) (FB)	304.15 / 9.94	3000												
HUPAD (IF/IAF)	CIGIG (FB)	020.86 / 6.01	2500												
CIGIG (FAF)	YABUG/1.90 NM TO RW02 (FB)	020.89 / 3.02													
(SEE FORM 8260-10)															
1. PT <u> </u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF) 2. HOLD S HUPAD, RT, 020.86 INBOUND, 3000 FT. IN LIEU OF PT (IAF) 3. FAC: 020.89 FAF: CIGIG DIST FAF TO MAP: 4.91 THLD: 4.91 4. MIN. ALT: HUPAD 3000, CIGIG 2500, YABUG/1.90 NM TO RW02 1520* 5. DIST TO THLD FROM OM: <u> </u> MM: <u> </u> IM: <u> </u> 150 HAT: <u> </u> 100 HAT: <u> </u> GS ANT: <u> </u> 6. MIN GS INCPT: 2500 GS ALT AT: CIGIG 2500 OM: <u> </u> MM: <u> </u> IM: <u> </u> 7. GS ANGLE: 3.00 TCH: 55.2 34:1 IS CLEAR 8. MSA FROM: RW02 2800															
				MAG VAR: 3W EPOCH YEAR: 2015											
MINIMUMS															
TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT				ALTERNATE: N A		STANDARD @									
CATEGORY =====>	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
LPV DA	1214	1 1/4	347	1214	1 1/4	347	1214	1 1/4	347	1214	1 1/4	347			
LNAV/VNAV DA	1269	1 1/4	402	1269	1 1/4	402	1269	1 1/4	402	1269	1 1/4	402			
LNAV MDA	1220	1	353	1220	1	353	1220	1 1/4	353	1220	1 1/4	353			
CIRCLING	1340	1	469	1340	1	469	1620	2 1/4	749	1620	2 1/2	749			
NOTES: CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C (4F) OR ABOVE 54C (130F). CHART NOTE: DME/DME RNP-0.3 NA. CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT THEME ON V72 SOUTHEAST BOUND. CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT. (SEE FORM 8260-10) @ CAT C 800-2 1/4, CAT D 800-2 1/2 @ NA WHEN LOCAL WEATHER NOT AVAILABLE.															
CITY AND STATE		ELEVATION: 871 TDZE: 867		FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP:					
BLOOMINGTON/NORMAL, IL		AIRPORT NAME: CENTRAL IL RGNL ARPT AT BLOOMINGTON-NORMAL				RNAV (GPS) RWY 2, ORIG-B 15 OCTOBER 2015				AMDT: ORIG-A DATED 07/29/2010					

QUALITY
 1
 CHECKED

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.33

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TERMINAL ROUTES, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
YABUG/1.90 NM TO RW02	RW02 (MAP) (FO)	020.89 / 1.90	
RW02 (MAP)	1214 MSL	020.89	
1214 MSL	ZEMEN (FB)		
ZEMEN	KAPPA (FO)	335.32 / 4.55	3000

NOTES, (CONT.):

CHART NOTE: BARO-VNAV AND VDP NA WHEN USING GENERAL DOWNING-PEORIA INTL ALTIMETER SETTING.

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; INCREASE LPV AND LNAV/VNAV ALL CATS VISIBILITY 1/2 MILE, LNAV CATS C/D VISIBILITY 3/8 MILE, AND CIRCLING ALL CATS VISIBILITY 1/4 MILE.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT EWITT ON V233 NORTHEAST BOUND.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT MCLEN ON V434 NORTHWEST BOUND.

CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY.

CITY AND STATE
 BLOOMINGTON/NORMAL, IL

ELEVATION: 871 TDZE: 867
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 NORMAL

FACILITY
 IDENTIFIER:
 RNAV

PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:
 RNAV (GPS) RWY 2, ORIG-B
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	DATED: 07/29/2010				

**RNAV STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.33**

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FAS DATA BLOCK INFORMATION**DATA FIELD****DATA**

OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KBMI
RUNWAY	RW02
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	0
REFERENCE PATH DATA SELECTOR	W02A
REFERENCE PATH IDENTIFIER (APPROACH ID)	402750.5805N
LTP/FTP LATITUDE	0885457.6910W
LTP/FTP LONGITUDE	+02290
LTP/FTP ELLIPSOIDAL HEIGHT	402915.4190N
FPAP LATITUDE	0885421.7790W
FPAP LONGITUDE	00055.2
THRESHOLD CROSSING HEIGHT (TCH)	F
TCH UNITS SELECTOR (METERS OR FEET USED)	03.00
GLIDEPATH ANGLE (GPA)	143.75
COURSE WIDTH AT THRESHOLD	0312
LENGTH OFFSET	40.0
HORIZONTAL ALERT LIMIT (HAL)	50.0
VERTICAL ALERT LIMIT (VAL)	

CRC REMAINDER

9A73FAED

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+02610
FPAP ORTHOMETRIC HEIGHT	+02610

CITY AND STATE

BLOOMINGTON/NORMAL, IL

ELEVATION: 871

TDZE: 867

AIRPORT NAME:

CENTRAL IL RGNL ARPT AT BLOOMINGTON-
NORMALFACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 2, ORIG-B

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ARINC PACKET - 424-18 - RNAV (GPS)

[illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP KBMIK5FR02	AALAND	010ALANDK5EA0E	A	IF						18000		A	JS
SUSAP KBMIK5FR02	AALAND	020HUPADK5EA0EE	B	010TF			07930149	+	03000			A	JS
SUSAP KBMIK5FR02	AEWITT	010EWITTK5EA0E	A	IF						18000		A	JS
SUSAP KBMIK5FR02	AEWITT	020HUPADK5EA0EE	B	010TF			30420099	+	03000			A	JS
SUSAP KBMIK5FR02	AMCLEN	010MCLENK5EA0E		IF						18000		A	JS
SUSAP KBMIK5FR02	AMCLEN	020REKYOK5EA0E	A	020TF			16180057	+	03000			A	JS
SUSAP KBMIK5FR02	AMCLEN	030HUPADK5EA0EE	B	010TF			11080050	+	03000			A	JS
SUSAP KBMIK5FR02	ATHEME	010THEMEK5EA0E		IF						18000		A	JS
SUSAP KBMIK5FR02	ATHEME	020HUPADK5EA0EY	A	020TF			27970089	+	03000			A	JS
SUSAP KBMIK5FR02	ATHEME	030HUPADK5EA0EE	AR	HF			02090040	+	03000			A	JS
SUSAP KBMIK5FR02	R	010HUPADK5EA0E	I	IF				+	03000	18000		A	JS
SUSAP KBMIK5FR02	R	020CIGIGK5EA1E	F	051TF			02090060	+	02500		RW02	K5PGA	JS
SUSAP KBMIK5FR02	R	020CIGIGK5EA2WALPV			ALNAV/VNAV	ALNAV							JS
SUSAP KBMIK5FR02	R	021YABUGK5EA0E	S	031TF			02090030	V	0152001525		-300		A JS
SUSAP KBMIK5FR02	R	030RW02 K5PGOGY	M	031TF			02090019		00912		-300		A JS
SUSAP KBMIK5FR02	R	040		0 M	CA		0209	+	01214				A JS
SUSAP KBMIK5FR02	R	050ZEMENK5EA0E		DF									A JS
SUSAP KBMIK5FR02	R	060KAPPAK5EA0EY		010TF			3353	+	03000				A JS
SUSAP KBMIK5FR02	R	070KAPPAK5EA0EE	R	HM			21970040	+	03000				A JS

[illegible]

CITY AND STATE
BLOOMINGTON/NORMAL, IL

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FACILITY
IDENTIFIER:

RNAV

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SUSAP KBIK5GRW02 0080000209 N40275058W088545769+0076 +0229000856000055150I

	1	2	3	4	5	6	7	8	9	0	1	2	3
PP	123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012												
SUSAP KBIK5PR02	RW02 001 0000W02A0N4027505805W08854576910+022900300N4029154190W08854217790143750312000552F4005009A73FAED												
SUSAP KBIK5PR02	RW02 002E +02610+02610LPV 56303												

	1	2	3	4	5	6	7	8	9	0	1	2	3
MSA	123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012												
SUSAP KBIK5SRW02	K5PG 0 18018002825 M												



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ARINC SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	ALAND	ALAND	010	IAF	IF		FB					
	ALAND	HUPAD	020		TF		FB	1.0	079.3 (076.3T)	014.9	AA 03000	
	EWITT	EWITT	010	IAF	IF		FB					
	EWITT	HUPAD	020		TF		FB	1.0	304.2 (301.2T)	009.9	AA 03000	
	MCLLEN	MCLLEN	010		IF		FB					
	MCLLEN	REKYO	020	IAF	TF		FB	2.0	161.8 (158.8T)	005.7	AA 03000	
	MCLLEN	HUPAD	030		TF		FB	1.0	110.8 (107.8T)	005.0	AA 03000	
	THEME	THEME	010		IF		FB					
	THEME	HUPAD	020	IAF	TF		FO	2.0	279.7 (276.7T)	008.9	AA 03000	
	THEME	HUPAD	030	IAF	HF	R	FO		020.9 (017.9T)	004.0	AA 03000	
		HUPAD	010	FACF	IF		FB				AA 03000	
		CIGIG	020	FAF	TF		FB	0.5	020.9 (017.9T)	006.0	AA 02500	
		YABUG	021	SDF	TF		FB	0.3	020.9 (017.9T)	003.0	AA 01520 GS 01525	
		RW02	030	MAP	TF		FO	0.3	020.9 (017.9T)	001.9	AT 00912	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		020.9 (017.9T)		AA 01214	
	ZEMEN	050		DF		FB					
	KAPPA	060		TF		FO	1.0	335.3 (332.3T)		AA 03000	
	KAPPA	070		HM	R	FO		219.7 (216.7T)	004.0	AA 03000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	ALAND	N401357.22	W0891814.30	N4013.954	W08918.238
	CIGIG	N402309.77	W0885656.37	N4023.163	W08856.940
	EWITT	N401218.43	W0884813.87	N4012.307	W08848.231
	HUPAD	N401726.62	W0885921.00	N4017.444	W08859.350
	KAPPA	N403746.70	W0885514.06	N4037.778	W08855.234
	MCLLEN	N402418.98	W0890816.55	N4024.316	W08908.276
	REKYO	N401858.53	W0890534.29	N4018.976	W08905.572
	THEME	N401624.59	W0884746.11	N4016.410	W08847.769
	YABUG	N402602.17	W0885543.55	N4026.036	W08855.726
	ZEMEN	N403344.90	W0885227.59	N4033.748	W08852.460
	RW02	N402750.58	W0885457.69	N4027.843	W08854.962

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW02	00856	55

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