US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
HUMUL	YABUN (FB)	137.88 / 7.95	2500
JILLY	HUGUD (FB)	242.14 / 11.29	2500
MCLEN	RUNAE (FO)	045.36 / 20.66	2500
YABUN (IAF)	RUNAE (NOPT) (FB)	110.89 / 5.00	2500
HUGUD (IAF)	RUNAE (NOPT) (FB)	291.03 / 5.00	2500
PNT VOR/DME (IAF)	RUNAE (NOPT) (FB)	208.13 / 10.71	2500
RUNAE (IF/IAF)	UDIYO (FB)	200.96 / 6.10	2500
(SEE FORM 8260-10)			

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW20

CLIMB TO 3000 DIRECT JINUB AND ON TRACK 287.74 TO MCLEN AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD SW, RT, 036.67 INBOUND.
FAS OBST: 1019 AAO 403229N/0885348W
DISTANCE TO THLD FROM 250 HAT: 0.64 NM.
CHART VDP AT 1.14 MILES TO RW20*
*LNAV ONLY.
WAAS CHANNEL # 99303
REFERENCE PATH ID: W20A
CHART CIRCLING ICON.
CHART APT ELEV 871.
LTP HAE: 230.9 M

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD N RUNAE, RT, 200.96 INBOUND, 2500 FT. IN LIEU OF PT (IAF)
3. FAC: 200.93 FAF: UDIYO DIST FAF TO MAP: 4.90 THLD: 4.90
4. MIN. ALT: RUNAE 2500, UDIYO 2500
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 2500 GS ALT AT: UDIYO 2500 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 54.9 34:1 IS CLEAR
8. MSA FROM: RW20 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	1121	2400	250	1121	2400	250	1121	2400	250	1121	2400	250			
LNAV/VNAV DA	1301	5000	430	1301	5000	430	1301	5000	430	1301	5000	430			
LNAV MDA	1280	2400	409	1280	2400	409	1280	4000	409	1280	4000	409			
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 NOTE: BARO-VNAV AND VDP NA WHEN USING GENERAL DOWNING-PEORIA INTL ALTIMETER SETTING.

@ CAT C 800-2 1/4, CAT D 800-2 1/2
@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

(SEE FORM 8260-10)

QUALITY

CITY AND STATE	ELEVATION: 871 TDZE: 871 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
BLOOMINGTON/NORMAL, IL	CENTRAL IL RGNL ARPT AT BLOOMINGTON-NORMAL	RNAV	RNAV (GPS) RWY 20, AMDT 1A 15 OCTOBER 2015	AMDT: 1 DATED 03/12/2009

TERMINAL ROUTES, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
UDIYO (FAF)	RW20 (MAP) (FO)	200.93 / 4.90	
RW20 (MAP)	1121 MSL	200.93	
1121 MSL	JINUB (FB)		
JINUB	MCLEN (FO)	287.74 / 8.61	3000

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

CHART NOTE: FOR INOPERATIVE ALSF INCREASE LNAV CAT C/D VISIBILITY TO RVR 6000.

CHART NOTE: FOR INOPERATIVE ALSF-2 WHEN USING GENERAL DOWNING-PEORIA INTL ALTIMETER SETTING INCREASE LPV ALL CATS VISIBILITY TO RVR 6000.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT JILLY VIA V173 NORTHEAST BOUND.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT PNT VOR/DME VIA V313 NORTH BOUND.

QUALITY CHECKED 4

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FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KBMI
RUNWAY	RW20
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W20A
LTP/FTP LATITUDE	402905.8015N
LTP/FTP LONGITUDE	0885425.8625W
LTP/FTP ELLIPSOIDAL HEIGHT	+02309
FPAP LATITUDE	402740.9600N
FPAP LONGITUDE	0885501.7600W
THRESHOLD CROSSING HEIGHT (TCH)	00054.9
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0312
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	CB84ECFE

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+02629
FPAP ORTHOMETRIC HEIGHT	+02629

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ARINC PACKET - 424-18 - RNAV (GPS)

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                 1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAD        PNT   K5010960VDLA N40491632W088440063    N40491632W088440063E0030006801     NARPONTIAC

                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   HUGUD K50    W     N40380141W088434432                      W0027     NAR           HUGUD
        SUSAEAENRT   HUMUL K50    C   L N40464339W089033837                      W0025     NAR           HUMUL
        SUSAEAENRT   JILLY K50    C   L N40434990W088310023                      W0029     NAR           JILLY
        SUSAEAENRT   JINUB K50    W     N40220793W088572238                      W0025     NAR           JINUB
        SUSAEAENRT   MCLEN K50    C   L N40241898W089081655                      W0024     NAR           MCLEN
        SUSAEAENRT   RUNAE K50    W     N40393415W088495917                      W0027     NAR           RUNAE
        SUSAEAENRT   UDIYO K50    W     N40334589W088522716                      W0026     NAR           UDIYO
        SUSAEAENRT   YABUN K50    W     N40410655W088561430                      W0026     NAR           YABUN

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KBMIK5ABMI     0     080YHN40283760W088545730W003000871         1800018000C    MNAR    CENTRAL IL RGNL ARPT AT BLOOMI

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KBMIK5FR20   AHUMUL 010HUMULK5EA0E       IF                                          18000                A JS
        SUSAP KBMIK5FR20   AHUMUL 020YABUNK5EA0E  A 020TF                    13790080    + 02500                         A JS
        SUSAP KBMIK5FR20   AHUMUL 030RUNAEK5EA0EE B 010TF                    11090050    + 02500                         A JS
        SUSAP KBMIK5FR20   AJILLY 010JILLYK5EA0E       IF                                          18000                A JS
        SUSAP KBMIK5FR20   AJILLY 020HUGUDK5EA0E  A 020TF                    24210113    + 02500                         A JS
        SUSAP KBMIK5FR20   AJILLY 030RUNAEK5EA0EE B 010TF                    29100050    + 02500                         A JS
        SUSAP KBMIK5FR20   AMCLEN 010MCLENK5EA0E       IF                                          18000                A JS
        SUSAP KBMIK5FR20   AMCLEN 020RUNAEK5EA0EY   020TF                    04540207    + 02500                         A JS
        SUSAP KBMIK5FR20   AMCLEN 030RUNAEK5EA0EE AR   HF                    20100040    + 02500                         A JS
        SUSAP KBMIK5FR20   APNT   010PNT  K5D 0V  A    IF                                          18000                A JS
        SUSAP KBMIK5FR20   APNT   020RUNAEK5EA0EE B 010TF                    20810107    + 02500                         A JS
        SUSAP KBMIK5FR20   R      010RUNAEK5EA0E  I    IF                                 + 02500  18000                A JS
        SUSAP KBMIK5FR20   R      020UDIYOK5EA1E  F 051TF                    20100061    + 02500                RW20  K5PGA JS
        SUSAP KBMIK5FR20   R      020UDIYOK5EA2WALPV       ALNAV/VNAV ALNAV                                                JS
        SUSAP KBMIK5FR20   R      030RW20 K5PGOGY M 031TF                    20090049      00917            -300          A JS
        SUSAP KBMIK5FR20   R      040         0  M     CA                    2009        + 01121                         A JS
        SUSAP KBMIK5FR20   R      050JINUBK5EA0E       DF                                                                A JS
        SUSAP KBMIK5FR20   R      060MCLENK5EA0EY   010TF                    2877        + 03000                         A JS
        SUSAP KBMIK5FR20   R      070MCLENK5EA0EE  R   HM                    03670040    + 03000                         A JS
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                 1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        --------------------------------------------------------------------------------------------------------------------------------
        SUSAP KBMIK5GRW20    0080002009 N40290580W088542586-0076    +023090086300005515 0IILHJ2

                 1         2         3         4         5         6         7         8         9         0         1         2         3
PP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        --------------------------------------------------------------------------------------------------------------------------------
        SUSAP KBMIK5PR20   RW20 001 0000W20A0N4029058015W08854258625+023090300N4027409600W0885501760010675031200054 9F400500CB84ECFE
        SUSAP KBMIK5PR20   RW20 002E      +02629+02629LPV       99303

                 1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        --------------------------------------------------------------------------------------------------------------------------------
        SUSAP KBMIK5SRW20 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
	HUMUL	HUMUL	010		IF		FB					
	HUMUL	YABUN	020	IAF	TF		FB	2.0	137.9(134.9T)	008.0	AA 02500	
	HUMUL	RUNAE	030		TF		FB	1.0	110.9(107.9T)	005.0	AA 02500	
	JILLY	JILLY	010		IF		FB					
	JILLY	HUGUD	020	IAF	TF		FB	2.0	242.1(239.1T)	011.3	AA 02500	
	JILLY	RUNAE	030		TF		FB	1.0	291.0(288.0T)	005.0	AA 02500	
	MCLEN	MCLEN	010		IF		FB					
	MCLEN	RUNAE	020		TF		FO	2.0	045.4(042.4T)	020.7	AA 02500	
	MCLEN	RUNAE	030	IAF	HF	R	FO		201.0(198.0T)	004.0	AA 02500	
	PNT	PNT	010	IAF	IF		FB					
	PNT	RUNAE	020		TF		FB	1.0	208.1(205.1T)	010.7	AA 02500	
		RUNAE	010	FACF	IF		FB				AA 02500	
		UDIYO	020	FAF	TF		FB	0.5	201.0(198.0T)	006.1	AA 02500	
		RW20	030	MAP	TF		FO	0.3	200.9(197.9T)	004.9	AT 00917	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		200.9(197.9T)		AA 01121	
	JINUB	050		DF		FB					
	MCLEN	060		TF		FO	1.0	287.7(284.7T)		AA 03000	
	MCLEN	070		HM	R	FO		036.7(033.7T)	004.0	AA 03000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	PNT	N404916.32	W0884400.63	N4049.272	W08844.011
	HUGUD	N403801.41	W0884344.32	N4038.024	W08843.739
	HUMUL	N404643.39	W0890338.37	N4046.723	W08903.640
	JILLY	N404349.90	W0883100.23	N4043.832	W08831.004
	JINUB	N402207.93	W0885722.38	N4022.132	W08857.373
	MCLEN	N402418.98	W0890816.55	N4024.316	W08908.276
	RUNAE	N403934.15	W0884959.17	N4039.569	W08849.986
	UDIYO	N403345.89	W0885227.16	N4033.765	W08852.453
	YABUN	N404106.55	W0885614.30	N4041.109	W08856.238
	RW20	N402905.80	W0885425.86	N4029.097	W08854.431

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW20	00863	55

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