

US DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION		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: RW09 CLIMB TO 2300 DIRECT WULIN AND HOLD. ADDITIONAL FLIGHT DATA: HOLD E, RT, 269.25 INBOUND. CHART FAS OBST: 839 TREE 403103N/0904212W DISTANCE TO THLD FROM 200 HATH: 0.50 NM. CHART VDP AT 1.16 MILES TO RW09* *LNAV ONLY. WAAS CHANNEL # 82531 REFERENCE PATH ID: W09A LTP HAE: 181.9 M											
BRL VORTAC	HUKPO (FB)	175.68 / 6.24	2300												
UIN VORTAC	ZUVBO (FB)	021.70 / 37.70	2300												
HUKPO (IAF)	TUYOB (NOPT) (FB)	175.69 / 6.00	2300												
ZUVBO (IAF)	TUYOB (NOPT) (FB)	021.91 / 6.00	2300												
TUYOB (IF/IAF)	WEKEM (FB)	088.91 / 6.53	2300												
WEKEM (FAF)	GICSE/1.70 NM TO RW09 (FB)	089.00 / 3.18													
(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 W TUYOB, RT, 088.91 INBOUND, 2300 FT. IN LIEU OF PT (IAF) 3. FAC: 089.00 FAF: WEKEM DIST FAF TO MAP: 4.88 THLD: 4.88 4. MIN. ALT: TUYOB 2300, WEKEM 2300, GICSE/1.70 NM TO RW09 1280* 5. DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT: 6. MIN GS INCPT: 2300 GS ALT AT: WEKEM 2300 OM: MM: IM: 7. GS ANGLE: 3.00 TCH: 40.0 34:1 IS CLEAR 8. MSA FROM: RW09 2500															
				MAG VAR: 1E EPOCH YEAR: 1990											
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	906	3/4	200	906	3/4	200	906	3/4	200	906	3/4	200			
LNAV/VNAV DA	1110	1 3/8	404	1110	1 3/8	404	1110	1 3/8	404	1110	1 3/8	404			
LNAV MDA	1100	1	394	1100	1	394	1100	1 1/8	394	1100	1 1/8	394			
CIRCLING	1120	1	414	1260	1	554	1260	1 1/2	554	1300	2	594			
NOTES: CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C (4F) OR ABOVE 54C (130F). @ NA WHEN LOCAL WEATHER NOT AVAILABLE. CHART NOTE: DME/DME RNP-0.3 NA. CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON BRL VORTAC AIRWAY RADIALS 088 CW 241. CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON UIN VORTAC AIRWAY RADIALS 321 CW 085. (SEE FORM 8260-10)															
CITY AND STATE		ELEVATION: 706 THRE: 706		FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP:					
MACOMB, IL		AIRPORT NAME: MACOMB MUNI				RNAV (GPS) RWY 9, AMDT 1 7 MARCH 2013				AMDT: ORIG					
										DATED		10/27/2005			

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

FROM	TO	COURSE AND DISTANCE	ALTITUDE
GICSE/1.70 NM TO RW09	RW09 (MAP) (FO)	089.00 / 1.70	
RW09 (MAP)	906 MSL	089.00	
906 MSL	WULIN (FO)		2300

NOTES, (CONT.):

CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE BURLINGTON IA ALTIMETER SETTING AND INCREASE ALL DA 63 FEET AND ALL MDA 80 FEET; INCREASE LPV VISIBILITY 1/8 MILE ALL CATS, LNAV/VNAV

ALL CATS, LNAV CAT C/D AND CIRCLING CAT C/D VISIBILITY 1/4 MILE.

CHART NOTE: BARO-VNAV AND VDP NA WHEN USING BURLINGTON IA ALTIMETER SETTING.

CITY AND STATE
 MACOMB, IL

ELEVATION: 706 THRE: 706
 AIRPORT NAME:
 MACOMB MUNI

FACILITY
 IDENTIFIER:
 RNAV

PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:
 RNAV (GPS) RWY 9, AMDT 1
 7 MARCH 2013

SUP:
 AMDT: ORIG
 DATED: 10/27/2005

RNAV STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR 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.

FAS DATA BLOCK INFORMATIONDATA FIELDDATA

OPERATION TYPE 0
SBAS SERVICE PROVIDER IDENTIFIER 0
AIRPORT IDENTIFIER KMQB
RUNWAY RW09
APPROACH PERFORMANCE DESIGNATOR 0
ROUTE INDICATOR
REFERENCE PATH DATA SELECTOR 0
REFERENCE PATH IDENTIFIER (APPROACH ID) W09A
LTP/FTP LATITUDE 403110.9130N
LTP/FTP LONGITUDE 0903939.7645W
LTP/FTP ELLIPSOIDAL HEIGHT +01819
FPAP LATITUDE 403110.7800N
FPAP LONGITUDE 0903742.9300W
THRESHOLD CROSSING HEIGHT (TCH) 00040.0
TCH UNITS SELECTOR (METERS OR FEET USED) F
GLIDEPATH ANGLE (GPA) 03.00
COURSE WIDTH AT THRESHOLD 106.75
LENGTH OFFSET 1192
HORIZONTAL ALERT LIMIT (HAL) 40.0
VERTICAL ALERT LIMIT (VAL) 35.0

CRC REMAINDER

E9DE5784

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE K5
LTP ORTHOMETRIC HEIGHT +02151
FPAP ORTHOMETRIC HEIGHT +02151

QUALITY
2
CHECKED

CITY AND STATE MACOMB, IL	ELEVATION: 706 THRE: 706 AIRPORT NAME: MACOMB MUNI	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 9, AMDT 1 7 MARCH 2013	SUP:
				AMDT: ORIG
				DATED: 10/27/2005

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE

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.

ARINC PACKET - 424-18 - RNAV (GPS)

[illegible][illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP	KMQBK5FR09	ABRL	010BRL	K3D	OV	IF				18000		A	JS
SUSAP	KMQBK5FR09	ABRL	020HUKPOK5EA0E	A	020TF		17570062	+	02300			A	JS
SUSAP	KMQBK5FR09	ABRL	030TUYOBK5EA0EE	B	010TF		17570060	+	02300			A	JS
SUSAP	KMQBK5FR09	ATUYOB	010TUYOBK5EA0EE	AR	HF		08890040	+	02300	18000		A	JS
SUSAP	KMQBK5FR09	AUIN	010UIN	K5D	OV	IF				18000		A	JS
SUSAP	KMQBK5FR09	AUIN	020ZUVBOK5EA0E	A	020TF		02170377	+	02300			A	JS
SUSAP	KMQBK5FR09	AUIN	030TUYOBK5EA0EE	B	010TF		02190060	+	02300			A	JS
SUSAP	KMQBK5FR09	R	010TUYOBK5EA0E	I	IF			+	02300	18000		A	JS
SUSAP	KMQBK5FR09	R	020WEKEMK5EA1E	F	051TF		08890065	+	02300		RW09	K5PGA	JS
SUSAP	KMQBK5FR09	R	020WEKEMK5EA2WALPV			ALNAV/VNAV							JS
SUSAP	KMQBK5FR09	R	021GICSEK5EA0E	S	031TF		08900032	V	0128001287	-300		A	JS
SUSAP	KMQBK5FR09	R	030RW09	K5PG0GY	M	031TF	08900017		00746	-300		A	JS
SUSAP	KMQBK5FR09	R	040		M	CA	0890	+	00906			A	JS
SUSAP	KMQBK5FR09	R	050WULINK5EA0EY		DF			+	02300			A	JS
SUSAP	KMQBK5FR09	R	060WULINK5EA0EE	R	HM		26930040	+	02300			A	JS

[illegible]

CITY AND STATE MACOMB, IL	ELEVATION: 706 THRE: 706 AIRPORT NAME: MACOMB MUNI	FACILITY IDENTIFIER: RNAV	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: RNAV (GPS) RWY 9, AMDT 1 7 MARCH 2013	SUP:
				AMDT: ORIG
				DATED: 10/27/2005

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.

[illegible]

Page 5 of 6 Pages

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICES - FAR 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.

ARINC SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
BRL		BRL	010		IF		FB					
BRL		HUKPO	020	IAF	TF		FB	2.0	175.7 (176.7T)	006.2	AA 02300	
BRL		TUYOB	030		TF		FB	1.0	175.7 (176.7T)	006.0	AA 02300	
TUYOB		TUYOB	010	IAF	HF	R	FO		088.9 (089.9T)	004.0	AA 02300	
UIN		UIN	010		IF		FB					
UIN		ZUVBO	020	IAF	TF		FB	2.0	021.7 (022.7T)	037.7	AA 02300	
UIN		TUYOB	030		TF		FB	1.0	021.9 (022.9T)	006.0	AA 02300	
		TUYOB	010	FACF	IF		FB				AA 02300	
		WEKEM	020	FAF	TF		FB	0.5	088.9 (089.9T)	006.5	AA 02300	
		GICSE	021	SDF	TF		FB	0.3	089.0 (090.0T)	003.2	AA 01280 GS 01287	
		RW09	030	MAP	TF		FO	0.3	089.0 (090.0T)	001.7	AT 00746	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		089.0 (090.0T)		AA 00906	
	WULIN	050		DF		FO				AA 02300	
	WULIN	060		HM	R	FO		269.3 (270.3T)	004.0	AA 02300	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	BRL	N404324.44	W0905533.20	N4043.407	W09055.553
	UIN	N395052.35	W0911644.13	N3950.873	W09116.736
	GICSE	N403111.01	W0904153.51	N4031.184	W09041.892
	HUKPO	N403710.42	W0905504.73	N4037.174	W09055.079
	TUYOB	N403110.78	W0905437.45	N4031.180	W09054.624
	WEKEM	N403111.09	W0904603.76	N4031.185	W09046.063
	WULIN	N403108.90	W0902408.31	N4031.148	W09024.139
	ZUVBO	N402538.98	W0905741.19	N4025.650	W09057.687
	RW09	N403110.91	W0903939.76	N4031.182	W09039.663

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW09	00706	40

CITY AND STATE MACOMB, IL	ELEVATION: 706	THRE: 706	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
	AIRPORT NAME:			RNAV (GPS) RWY 9, AMDT 1	AMDT: ORIG
	MACOMB MUNI	RNAV		7 MARCH 2013	DATED: 10/27/2005