

<b>RNAV (GPS) - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.33</b>				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.											
<b>TERMINAL ROUTES</b>								<b>MISSED APPROACH</b>							
FROM		TO		COURSE AND DISTANCE		ALTITUDE		LPV: DA LNAV/VNAV: DA LNAV: RW31  CLIMB TO 3000 DIRECT JESIB AND HOLD.  ADDITIONAL FLIGHT DATA: HOLD NW, RT, 127.27 INBOUND. CHART FAS OBST: 1109 TREE 432438N/0880538W FAS OBST: 1159 AAO 432304N/0880156W DISTANCE TO THLD FROM 296 HAT: 0.82 NM. WAAS CHANNEL # 93816 REFERENCE PATH ID: W31A							
BAE VORTAC		HIBUN (FB)		062.44 / 15.23		3000									
WOKNO		FITSA (FB)		202.53 / 7.20		3000									
HIBUN (IAF)		COVNI (NOPT) (FB)		037.52 / 5.00		3000									
FITSA (IAF)		COVNI (NOPT) (FB)		217.62 / 5.00		3000									
PROOT (IAF)		COVNI (NOPT) (FB)		319.27 / 13.69		3000									
COVNI (IF/IAF)		HUMBI (FB)		307.57 / 6.20		2600									
1. PT <u>      </u> SIDE OF COURSE <u>      </u> OUTBOUND <u>      </u> FT WITHIN <u>      </u> MILES OF <u>      </u> (IAF) 2. <u>HOLD SE COVNI, RT, 307.57 INBOUND, 3000 FT. IN LIEU OF PT (IAF)</u> 3. FAC: <u>307.50</u> FAF: <u>HUMBI</u> DIST FAF TO MAP: <u>5.22</u> THLD: <u>5.22</u> 4. MIN. ALT: <u>COVNI 3000, HUMBI 2600</u> 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: <u>2600</u> GS ALT AT: <u>HUMBI</u> OM: <u>      </u> MM: <u>      </u> IM: <u>      </u> 7. GS ANGLE: <u>3.00</u> TCH: <u>45.0</u> <u>34:1 IS NOT CLEAR</u> 8. MSA FROM: <u>RW31 2900</u>								MAG VAR: 1W      EPOCH YEAR: 1985							
<b>MINIMUMS</b>															
TAKEOFF:	STANDARD	X	SEE FAA FORM 8260-15A FOR THIS AIRPORT	ALTERNATE: N A	<b>STANDARD @</b>										
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	1175	1	296	1175	1	296	1175	1	296	1175	1	296			
LNAV/VNAV DA	1482	2	603	1482	2	603	1482	2	603	1482	2	603			
LNAV MDA	1420	1	541	1420	1	541	1420	1 1/2	541	1420	1 3/4	541			
CIRCLING	1420	1	533	1420	1	533	1460	1 1/2	573	1520	2	633			
NOTES: CHART NOTE: BARO-VNAV NA WHEN USING MILWAUKEE/LAWRENCE J. TIMMERMAN ALTIMETER SETTING.      @ NA WHEN LOCAL WEATHER NOT AVAILABLE. CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C (4F) OR ABOVE 47C (116F). CHART NOTE: DME/DME RNP-0.3 NA. CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. SEE 8260-10															
CITY AND STATE				ELEVATION: 887    TDZE: 879		FACILITY IDENTIFIER:		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP:			
WEST BEND, WI				AIRPORT NAME:		RNAV		RNAV (GPS) RWY 31, ORIG				AMDT:    NONE			
				WEST BEND MUNI				08 APR 2010				DATED			

RNAV (GPS) - STANDARD  
INSTRUMENT APPROACH PROCEDURE - 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.

## NOTES CONT.

CHART PROFILE NOTE: VGS1 AND LPV GLIDEPATH NOT COINCIDENT.

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE MILWAUKEE/LAWRENCE J TIMMERMAN  
ALTIMETER SETTING AND INCREASE ALL DA 64 FEET AND ALL MDA 80 FEET. INCREASE LPV ALL CATS AND LNAV  
AND CIRCLING CATS C/D VISIBILITY 1/4 MILE.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON BAE VORTAC AIRWAY RADIALS 001 CW 119.



CITY AND STATE

WEST BEND, WI

ELEVATION: 887

TDZE: 879

AIRPORT NAME:

WEST BEND MUNI

FACILITY  
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 31, ORIG

08 APR 2010

SUP:

AMDT: NONE

DATED:

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION  
RNAV (GPS) 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 INFORMATION

DATA FIELD

DATA

OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KETB
RUNWAY	RW31
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	0
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W31A
LTP/FTP LATITUDE	432504.9600N
LTP/FTP LONGITUDE	0880715.9100W
LTP/FTP ELLIPSOIDAL HEIGHT	+02295
FPAP LATITUDE	432557.8700N
FPAP LONGITUDE	0880854.3000W
THRESHOLD CROSSING HEIGHT (TCH)	00045.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1384
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER

02FA13A2

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+02644
FPAP ORTHOMETRIC HEIGHT	+02644

QUALITY  
5  
CHECKED

CITY AND STATE WEST BEND, WI	ELEVATION: 887 TDZE: 879	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 31, ORIG 08 APR 2010	SUP:
	AIRPORT NAME: WEST BEND MUNI			AMDT: NONE
				DATED:

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]

QUALITY  
6  
CHECKED

CITY AND STATE  WEST BEND, WI	ELEVATION: 887      TDZE: 879  AIRPORT NAME:  WEST BEND MUNI	FACILITY IDENTIFIER:  RNAV	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:  RNAV (GPS) RWY 31, ORIG  08 APR 2010	SUP:
				AMDT:      NONE
				DATED:

**U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION**  
**RNAV (GPS) 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.

SUSAP KETBK5FR31 R 060JESIBK5EA0EE R020HM 12730040 + 03000 A JS

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

SUSAP KETBK5GRW31 0044943074 N43250496W088071591+0300 +0229500868000045075R

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

SUSAP KETBK5PR31 RW31 001 0000W31A0N4325049600W08807159100+022950300N4325578700W08808543000106751384000450F40050002FA13A2  
 SUSAP KETBK5PR31 RW31 002E +02644+02644LPV 93816

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

SUSAP KETBK5SRW31 K5PG 0 18018002925 M



CITY AND STATE WEST BEND, WI	ELEVATION: 887 TDZE: 879	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 31, ORIG 08 APR 2010	SUP:
	AIRPORT NAME: WEST BEND MUNI			AMDT: NONE
				DATED: