

|                                                                                                                                                                                                                                                                        |                                                                    |                                                                                      |                              |                                                                                                                                                                                                                                                                                                                                                                                           |            |                                                                                       |        |                                                      |         |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------|--------------------------------------------------------------------------------------|------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|---------------------------------------------------------------------------------------|--------|------------------------------------------------------|---------|
| <b>US DEPARTMENT OF TRANSPORTATION<br/>FEDERAL AVIATION ADMINISTRATION</b>                                                                                                                                                                                             |                                                                    | <b>RNAV - STANDARD<br/>INSTRUMENT APPROACH PROCEDURE<br/>TITLE 14 CFR 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<br>LNAV/VNAV: DA<br>LNAV: RW04<br><br>CLIMB TO 3000 DIRECT JADNI AND HOLD.<br><br><b>ADDITIONAL FLIGHT DATA:</b><br>HOLD NE, RT, 217.27 INBOUND.<br>CHART FAS OBST: 901 T-L TWR 434449N/0875231W<br>CHART FAS OBST: 767 TREE 434548N/0875137W<br>CHART R-6903.<br>DISTANCE TO THLD FROM 250 HATH: 0.62 NM.<br>WAAS CHANNEL # 61104<br>REFERENCE PATH ID: W04A<br>LTP HAE: 191.1 M |            |                                                                                       |        |                                                      |         |
| TORRU (IF/IAF)<br><br>JAMEK (FAF)<br><br>RW04 (MAP)<br><br>994 MSL                                                                                                                                                                                                     | JAMEK (FB)<br><br>RW04 (MAP) (FO)<br><br>994 MSL<br><br>JADNI (FO) | 037.04 / 5.91<br><br>037.09 / 5.98<br><br>037.09                                     | 2700<br><br><br><br><br>3000 |                                                                                                                                                                                                                                                                                                                                                                                           |            |                                                                                       |        |                                                      |         |
| 1. PT <u>      </u> SIDE OF COURSE <u>      </u> OUTBOUND <u>      </u> FT WITHIN <u>      </u> MILES OF <u>      </u> (IAF)                                                                                                                                           |                                                                    |                                                                                      |                              | MAG VAR: 2W                      EPOCH YEAR: 1990                                                                                                                                                                                                                                                                                                                                         |            |                                                                                       |        |                                                      |         |
| 2. HOLD SW TORRU, RT, 037.04 INBOUND, 3000 FT. IN LIEU OF PT (IAF)                                                                                                                                                                                                     |                                                                    |                                                                                      |                              |                                                                                                                                                                                                                                                                                                                                                                                           |            |                                                                                       |        |                                                      |         |
| 3. FAC: <u>037.09</u> FAF: <u>JAMEK</u> DIST FAF TO MAP: <u>5.98</u> THLD: <u>5.98</u>                                                                                                                                                                                 |                                                                    |                                                                                      |                              |                                                                                                                                                                                                                                                                                                                                                                                           |            |                                                                                       |        |                                                      |         |
| 4. MIN. ALT: TORRU 3000, JAMEK 2700                                                                                                                                                                                                                                    |                                                                    |                                                                                      |                              |                                                                                                                                                                                                                                                                                                                                                                                           |            |                                                                                       |        |                                                      |         |
| 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>2700</u> GS ALT AT: <u>JAMEK 2700</u> OM: <u>      </u> MM: <u>      </u> IM: <u>      </u>                                                                                                                                                        |                                                                    |                                                                                      |                              |                                                                                                                                                                                                                                                                                                                                                                                           |            |                                                                                       |        |                                                      |         |
| 7. GS ANGLE: <u>3.00</u> TCH: <u>52.4</u> 34:1 IS NOT CLEAR                                                                                                                                                                                                            |                                                                    |                                                                                      |                              |                                                                                                                                                                                                                                                                                                                                                                                           |            |                                                                                       |        |                                                      |         |
| 8. MSA FROM: <u>      </u>                                                                                                                                                                                                                                             |                                                                    |                                                                                      |                              |                                                                                                                                                                                                                                                                                                                                                                                           |            |                                                                                       |        |                                                      |         |
| <b>MINIMUMS</b>                                                                                                                                                                                                                                                        |                                                                    |                                                                                      |                              |                                                                                                                                                                                                                                                                                                                                                                                           |            |                                                                                       |        |                                                      |         |
| 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 |
| LPV DA                                                                                                                                                                                                                                                                 | 994                                                                | 1                                                                                    | 250                          | 994                                                                                                                                                                                                                                                                                                                                                                                       | 1          | 250                                                                                   | 994    | 1                                                    | 250     |
| LNAV/VNAV DA                                                                                                                                                                                                                                                           | 1193                                                               | 1 1/2                                                                                | 449                          | 1193                                                                                                                                                                                                                                                                                                                                                                                      | 1 1/2      | 449                                                                                   | 1193   | 1 1/2                                                | 449     |
| LNAV MDA                                                                                                                                                                                                                                                               | 1160                                                               | 1                                                                                    | 416                          | 1160                                                                                                                                                                                                                                                                                                                                                                                      | 1          | 416                                                                                   | 1160   | 1 1/8                                                | 416     |
| CIRCLING                                                                                                                                                                                                                                                               | 1220                                                               | 1                                                                                    | 465                          | 1220                                                                                                                                                                                                                                                                                                                                                                                      | 1          | 465                                                                                   | 1220   | 1 1/2                                                | 465     |
|                                                                                                                                                                                                                                                                        |                                                                    |                                                                                      |                              |                                                                                                                                                                                                                                                                                                                                                                                           |            |                                                                                       |        |                                                      |         |
|                                                                                                                                                                                                                                                                        |                                                                    |                                                                                      |                              |                                                                                                                                                                                                                                                                                                                                                                                           |            |                                                                                       |        |                                                      |         |
| NOTES:<br>CHART NOTE: WHEN VGSI INOP, CIRCLING RWY 13/31 NA AT NIGHT.<br>CHART NOTE: BARO-VNAV NA WHEN USING MANITOWOC ALTIMETER SETTING.<br>CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -23C (-9F) OR ABOVE 54C (130F).<br>(SEE FORM 8260-10) |                                                                    |                                                                                      |                              |                                                                                                                                                                                                                                                                                                                                                                                           |            |                                                                                       |        |                                                      |         |
| CITY AND STATE<br><br>SHEBOYGAN, WI                                                                                                                                                                                                                                    |                                                                    | ELEVATION: 755      THRE: 744<br>AIRPORT NAME:<br><br>SHEBOYGAN COUNTY MEMORIAL      |                              | FACILITY IDENTIFIER:<br>RNAV                                                                                                                                                                                                                                                                                                                                                              |            | PROCEDURE NO./AMDT NO./EFFECTIVE DATE:<br>RNAV (GPS) RWY 4, AMDT 3<br>10 JANUARY 2013 |        | SUP: RNAV (GPS) RWY 3<br>AMDT: 2<br>DATED 12/17/2009 |         |



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.

NOTES, (CONT.):

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE MANITOWOC ALTIMETER SETTING AND INCREASE ALL DA 67 FEET AND ALL MDA 80 FEET, INCREASE LNAV/VNAV ALL CATS AND LNAV CATS C/D VISIBILITY 1/4 MILE.

CHART NOTE: WHEN VGSI INOP, STRAIGHT-IN/CIRCLING RWY 04 PROCEDURE NA AT NIGHT.

CHART NOTE: DME/DME RNP-0.3 NA.

CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.

CHART PLANVIEW NOTES: 307/30 CW 320/30 (NOPT) NOT AUTHORIZED WHEN R-6903 ACTIVE. 217/30 CW 307/30 NOT AUTHORIZED WHEN R-6903 ACTIVE.

TAA

|    | FROM                    | TO                  | ALT  |
|----|-------------------------|---------------------|------|
| 1. | 307/30 CW 127/30 (NOPT) | TORRU (IF/IAF) (FB) | 3000 |
| 2. | 127/30 CW 307/30        | TORRU (IF/IAF) (FO) | 3000 |

QUALITY  
1  
0-1-07

CITY AND STATE  
SHEBOYGAN, WI

ELEVATION: 755 THRE: 744  
AIRPORT NAME:  
SHEBOYGAN COUNTY MEMORIAL

FACILITY  
IDENTIFIER:  
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:  
RNAV (GPS) RWY 4, AMDT 3  
10 JANUARY 2013

SUP: RNAV (GPS) RWY 3  
AMDT: 2  
DATED: 12/17/2009

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

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FAS DATA BLOCK INFORMATIONDATA FIELDDATA

OPERATION TYPE 0  
SBAS SERVICE PROVIDER IDENTIFIER 0  
AIRPORT IDENTIFIER KSBM  
RUNWAY RW04  
APPROACH PERFORMANCE DESIGNATOR 0  
ROUTE INDICATOR  
REFERENCE PATH DATA SELECTOR 0  
REFERENCE PATH IDENTIFIER (APPROACH ID) W04A  
LTP/FTP LATITUDE 434547.4135N  
LTP/FTP LONGITUDE 0875131.3600W  
LTP/FTP ELLIPSOIDAL HEIGHT +01911  
FPAP LATITUDE 434700.2600N  
FPAP LONGITUDE 0875020.5500W  
THRESHOLD CROSSING HEIGHT (TCH) 00052.4  
TCH UNITS SELECTOR (METERS OR FEET USED) F  
GLIDEPATH ANGLE (GPA) 03.00  
COURSE WIDTH AT THRESHOLD 106.75  
LENGTH OFFSET 0680  
HORIZONTAL ALERT LIMIT (HAL) 40.0  
VERTICAL ALERT LIMIT (VAL) 50.0

CRC REMAINDER

65D920EF

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE K5  
LTP ORTHOMETRIC HEIGHT +02267  
FPAP ORTHOMETRIC HEIGHT +02267

QUALITY  
CHECKED

CITY AND STATE

SHEBOYGAN, WI

ELEVATION: 755

THRE: 744

AIRPORT NAME:

SHEBOYGAN COUNTY MEMORIAL

FACILITY  
IDENTIFIER:  
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 4, AMDT 3

10 JANUARY 2013

SUP: RNAV (GPS) RWY 3

AMDT: 2

DATED: 12/17/2009

Bearings, headings, courses, and radiats 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][illegible]

| SEGMENT | 1          | 2      | 3                  | 4       | 5     | 6          | 7        | 8 | 9     | 0     | 1    | 2  | 3  |
|---------|------------|--------|--------------------|---------|-------|------------|----------|---|-------|-------|------|----|----|
| SUSAP   | KSBMK5FR04 | ATORRU | 010TORRUK5EA0EE    | AR      | HF    |            | 03700040 | + | 03000 | 18000 |      | A  | JS |
| SUSAP   | KSBMK5FR04 | R      | 010TORRUK5EA0E     | I       | IF    |            |          | + | 03000 | 18000 |      | A  | JS |
| SUSAP   | KSBMK5FR04 | R      | 020JAMEKK5EA1E     | F       | 051TF |            | 03700059 | + | 02700 |       |      | A  | JS |
| SUSAP   | KSBMK5FR04 | R      | 020JAMEKK5EA2WALPV |         |       | ALNAV/VNAV |          |   |       |       |      | JS |    |
| SUSAP   | KSBMK5FR04 | R      | 030RW04            | K5PGOGY | M     | 031TF      | 03710060 |   | 00796 |       | -300 | A  | JS |
| SUSAP   | KSBMK5FR04 | R      | 040                |         | O     | M          | 0371     | + | 00994 |       |      | A  | JS |
| SUSAP   | KSBMK5FR04 | R      | 050JADNIK5EA0EY    |         | DF    |            |          | + | 03000 |       |      | A  | JS |
| SUSAP   | KSBMK5FR04 | R      | 060JADNIK5EA0EE    | R       | HM    |            | 21730040 | + | 03000 |       |      | A  | JS |

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QUALITY  
CHECKED

|        |                  |
|--------|------------------|
| SUP:   | RNAV (GPS) RWY 3 |
| AMDT:  | 2                |
| DATED: | 12/17/2009       |

**U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION**  
**RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE**  
**FLIGHT STANDARDS SERVICES - FAR PART 97.33**

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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 |
|--------|------------|-------|-----|------|------|------|-------|-----|----------------|----------|----------|-------|
|        | TORRU      | TORRU | 010 | IAF  | HF   | R    | FO    |     | 037.0 (035.0T) | 004.0    | AA 03000 |       |
|        |            | TORRU | 010 | FACF | IF   |      | FB    |     |                |          | AA 03000 |       |
|        |            | JAMEK | 020 | FAF  | TF   |      | FB    | 0.5 | 037.0 (035.0T) | 005.9    | AA 02700 |       |
|        |            | RW04  | 030 | MAP  | TF   |      | FO    | 0.3 | 037.1 (035.1T) | 006.0    | AT 00796 |       |

| MISSED APPROACH | FIX   | SEQ | USE | PATH | TURN | FO/FB | RNP | MAG (TRUE)     | DISTANCE | ALTITUDE | SPEED |
|-----------------|-------|-----|-----|------|------|-------|-----|----------------|----------|----------|-------|
|                 |       | 040 |     | CA   |      | FB    |     | 037.1 (035.1T) |          | AA 00994 |       |
|                 | JADNI | 050 |     | DF   |      | FO    |     |                |          | AA 03000 |       |
|                 | JADNI | 060 |     | HM   | R    | FO    |     | 217.3 (215.3T) | 004.0    | AA 03000 |       |

| POINT DATA | WAYPOINT | LAT IN SECS | LONG IN SECS | LAT IN MINS | LONG IN MINS |
|------------|----------|-------------|--------------|-------------|--------------|
|            | JADNI    | N435610.54  | W0874123.77  | N4356.176   | W08741.396   |
|            | JAMEK    | N434054.01  | W0875615.92  | N4340.900   | W08756.265   |
|            | TORRU    | N433603.64  | W0880056.61  | N4336.061   | W08800.944   |
|            | RW04     | N434547.41  | W0875131.36  | N4345.790   | W08751.523   |

| RUNWAY DATA | RWY  | THRESHOLD ELEVATION | TCH |
|-------------|------|---------------------|-----|
|             | RW04 | 00744               | 52  |

QUALITY  
4  
CHECKED

|                                        |                                                   |                  |                                         |                                                                                                  |                              |
|----------------------------------------|---------------------------------------------------|------------------|-----------------------------------------|--------------------------------------------------------------------------------------------------|------------------------------|
| CITY AND STATE<br><b>SHEBOYGAN, WI</b> | ELEVATION: <b>755</b>                             | THRE: <b>744</b> | FACILITY IDENTIFIER:<br><br><b>RNAV</b> | PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:<br><b>RNAV (GPS) RWY 4, AMDT 3</b><br>10 JANUARY 2013 | SUP: <b>RNAV (GPS) RWY 3</b> |
|                                        | AIRPORT NAME:<br><b>SHEBOYGAN COUNTY MEMORIAL</b> |                  |                                         |                                                                                                  | AMDT: <b>2</b>               |
|                                        |                                                   |                  |                                         |                                                                                                  | DATED: <b>12/17/2009</b>     |