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|---|----------------------------|----------------------------|----------|--|-----|--|--------|-------|------------|--------|-------|---------|
| 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 | LP: RW23 LNAV: RW23 CLIMB TO 3000 DIRECT YAJJU AND HOLD. ADDITIONAL FLIGHT DATA: HOLD SW, RT, 046.34 INBOUND. CHART FAS OBST: 1399 TREE 443945N/0900954W CHART FAS OBST: 1379 TREE 443921N/0900945W WAAS CHANNEL # 70732 REFERENCE PATH ID: W23A CHART CIRCLING ICON UWBZ TO RW23: 3.00/40 LTP HAE: 346.7 M | | | | | | | | |
| EXLIJ (IF/IAF) | UWBZ (FB) | 226.65 / 7.01 | 3000 | | | | | | | | | |
| UWBZ (FAF) | ASUYO/1.60 NM TO RW23 (FB) | 226.56 / 3.77 | | | | | | | | | | |
| ASUYO/1.60 NM TO RW23 | RW23 (MAP) (FO) | 226.56 / 1.60 | | | | | | | | | | |
| RW23 (MAP) | 1640 MSL | 226.56 | 3000 | | | | | | | | | |
| 1640 MSL | YAJJU (FO) | | | | | | | | | | | |
| 1. PT <u> </u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF) 2. HOLD NE EXLIJ, RT, 226.65 INBOUND, 3000 FT. IN LIEU OF PT (IAF) 3. FAC: 226.56 FAF: UWBZ DIST FAF TO MAP: 5.37 THLD: 5.37 4. MIN. ALT: EXLIJ 3000, UWBZ 3000, ASUYO/1.60 NM TO RW23 1760 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> </u> GS ALT AT: <u> </u> OM: <u> </u> MM: <u> </u> IM: <u> </u> 7. GS ANGLE: <u> </u> TCH: 34:1 IS NOT CLEAR 8. MSA FROM: <u> </u> | | | | MAG VAR: 0E EPOCH YEAR: 1995 | | | | | | | | |
| MINIMUMS | | | | | | | | | | | | |
| TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT | | | | ALTERNATE: N A | | | | | | | | |
| CATEGORY =====> | | | | STANDARD @ | | | | | | | | |
| | 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 |
| LP MDA | 1640 | 1 | 391 | 1640 | 1 | 391 | 1640 | 1 1/8 | 391 | 1640 | 1 1/8 | 391 |
| LNAV MDA | 1660 | 1 | 411 | 1660 | 1 | 411 | 1660 | 1 1/8 | 411 | 1660 | 1 1/8 | 411 |
| CIRCLING | 1760 | 1 | 482 | 1760 | 1 | 482 | 2020 | 2 1/4 | 742 | 2020 | 2 1/2 | 742 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| NOTES: CHART NOTE: DME/DME RNP-0.3 NA. CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1SM NOT AUTHORIZED. CHART NOTE: RWY 23 STRAIGHT-IN AND CIRCLING MINIMUMS NA AT NIGHT. CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE CENTRAL WISCONSIN ALTIMETER SETTING AND INCREASE ALL MDA 60 FT, INCREASE LP AND LNAV VISIBILITY CAT C/D 1/4 MILE. | | | | | | | | | | | | |
| CITY AND STATE | | ELEVATION: 1278 THRE: 1249 | | FACILITY IDENTIFIER: | | PROCEDURE NO./AMDT NO./EFFECTIVE DATE: | | | SUP: | | | |
| MARSHFIELD, WI | | AIRPORT NAME: | | RNAV | | RNAV (GPS) RWY 23, ORIG | | | AMDT: NONE | | | |
| | | MARSHFIELD MUNI | | | | 22 AUGUST 2013 | | | DATED | | | |

 QUALITY
2
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US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.33

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TAA

| | FROM | TO | ALT |
|----|-------------------------|---------------------|------|
| 1. | 136/30 CW 316/30 (NOPT) | 136/12 CW 316/12 | 3600 |
| | 136/12 CW 316/12 | EXLIJ (IF/IAF) (FB) | 3000 |
| 2. | 316/30 CW 136/30 | EXLIJ (IF/IAF) (FO) | 3000 |

QUALITY
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CITY AND STATE
MARSHFIELD, WI

ELEVATION: 1278 THRE: 1249
 AIRPORT NAME:
MARSHFIELD MUNI

FACILITY
 IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 23, ORIG
22 AUGUST 2013

SUP:
 AMDT: **NONE**
 DATED:

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

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FAS DATA BLOCK INFORMATION**DATA FIELD**

OPERATION TYPE
SBAS SERVICE PROVIDER IDENTIFIER
AIRPORT IDENTIFIER
RUNWAY
APPROACH PERFORMANCE DESIGNATOR
ROUTE INDICATOR
REFERENCE PATH DATA SELECTOR
REFERENCE PATH IDENTIFIER (APPROACH ID)
LTP/FTP LATITUDE
LTP/FTP LONGITUDE
LTP/FTP ELLIPSOIDAL HEIGHT
FPAP LATITUDE
FPAP LONGITUDE
THRESHOLD CROSSING HEIGHT (TCH)
TCH UNITS SELECTOR (METERS OR FEET USED)
GLIDEPATH ANGLE (GPA)
COURSE WIDTH AT THRESHOLD
LENGTH OFFSET
HORIZONTAL ALERT LIMIT (HAL)
VERTICAL ALERT LIMIT (VAL)

DATA

0
0
KMF1
RW23
0
0
W23A
443819.7490N
0901056.9660W
+03467
443718.4100N
0901227.4600W
00040.0
F
03.00
106.75
1656
40.0
0.0

CRC REMAINDER

84354BE7

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE
LTP ORTHOMETRIC HEIGHT
FPAP ORTHOMETRIC HEIGHT

K5
+03808
+03808

QUALITY
2
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| | | | | |
|---|--|-------------------------------------|--|-------------------|
| CITY AND STATE MARSHFIELD, WI | ELEVATION: 1278 THRE: 1249 AIRPORT NAME: MARSHFIELD MUNI | FACILITY IDENTIFIER: RNAV | PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 23, ORIG 22 AUGUST 2013 | SUP: |
| | | | | AMDT: NONE |
| | | | | DATED: |

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[illegible][illegible]

| SEGMENT | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 | 1 | 2 | 3 |
|---------|------------|--------|-------------------|---------|-------|-------|----------|---|------------|-------|---|----|----|
| SUSAP | KMFIK5FR23 | AEXLIJ | 010EXLIJK5EA0EE | AR | HF | | 22670040 | + | 03000 | 18000 | | A | JS |
| SUSAP | KMFIK5FR23 | R | 010EXLIJK5EA0E | I | IF | | | + | 03000 | 18000 | | A | JS |
| SUSAP | KMFIK5FR23 | R | 020UWBUZK5EA1E | F | 051TF | | 22670070 | + | 03000 | | | A | JS |
| SUSAP | KMFIK5FR23 | R | 020UWBUZK5EA2WALP | | N | ALNAV | | | | | | JS | |
| SUSAP | KMFIK5FR23 | R | 021ASUYOK5EA0E | S | 031TF | | 22660038 | V | 0176001799 | -300 | | A | JS |
| SUSAP | KMFIK5FR23 | R | 030RW23 | K5PGOGY | M | 031TF | 22660016 | | 01289 | -300 | | A | JS |
| SUSAP | KMFIK5FR23 | R | 040 | | 0 | M | 2266 | + | 01640 | | | A | JS |
| SUSAP | KMFIK5FR23 | R | 050YAJJUK5EA0EY | | DF | | | + | 03000 | | | A | JS |
| SUSAP | KMFIK5FR23 | R | 060YAJJUK5EA0EE | R | HM | | 04630040 | + | 03000 | | | A | JS |

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QUALITY
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| | AIRPORT NAME: MARSHFIELD MUNI | | | | AMDT: NONE |
| | | | | | DATED: |

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 |
|--------|------------|-------|-----|------|------|------|-------|-----|----------------|----------|----------|----------|
| | EXLIJ | EXLIJ | 010 | IAF | HF | R | FO | | 226.7 (226.7T) | 004.0 | AA 03000 | |
| | | EXLIJ | 010 | FACF | IF | | FB | | | | AA 03000 | |
| | | UWBUZ | 020 | FAF | TF | | FB | 0.5 | 226.7 (226.7T) | 007.0 | AA 03000 | |
| | | ASUYO | 021 | SDF | TF | | FB | 0.3 | 226.6 (226.6T) | 003.8 | AA 01760 | GS 01799 |
| | | RW23 | 030 | MAP | TF | | FO | 0.3 | 226.6 (226.6T) | 001.6 | AT 01289 | |

| MISSED APPROACH | FIX | SEQ | USE | PATH | TURN | FO/FB | RNP | MAG (TRUE) | DISTANCE | ALTITUDE | SPEED |
|-----------------|-------|-----|-----|------|------|-------|-----|----------------|----------|----------|-------|
| | | 040 | | CA | | FB | | 226.6 (226.6T) | | AA 01640 | |
| | YAJJU | 050 | | DF | | FO | | | | AA 03000 | |
| | YAJJU | 060 | | HM | R | FO | | 046.3 (046.3T) | 004.0 | AA 03000 | |

| POINT DATA | WAYPOINT | LAT IN SECS | LONG IN SECS | LAT IN MINS | LONG IN MINS |
|------------|----------|-------------|--------------|-------------|--------------|
| | ASUYO | N443925.82 | W0900919.41 | N4439.430 | W09009.324 |
| | EXLIJ | N444650.34 | W0895820.50 | N4446.839 | W08958.342 |
| | UWBUZ | N444201.48 | W0900529.17 | N4442.025 | W09005.486 |
| | YAJJU | N442924.05 | W0902404.41 | N4429.401 | W09024.074 |
| | RW23 | N443819.75 | W0901056.97 | N4438.329 | W09010.950 |

| RUNWAY DATA | RWY | THRESHOLD ELEVATION | TCH |
|-------------|------|------------------------|-----|
| | RW23 | 01249 | 40 |

QUALITY
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| | | | | | |
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| CITY AND STATE MARSHFIELD, WI | ELEVATION: 1278 | THRE: 1249 | FACILITY IDENTIFIER: | PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: | SUP: |
| | AIRPORT NAME: MARSHFIELD MUNI | | RNAV | RNAV (GPS) RWY 23, ORIG 22 AUGUST 2013 | AMDT: NONE |
| | | | | | DATED: |