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

FROM	TO	COURSE AND DISTANCE	ALTITUDE
ZOSMI (IF/IAF)	HUZVU (FB)	313.90 / 6.50	2500
HUZVU *(FAF)*	YIYUT/1.90 NM TO RW31 (FB)	313.82 / 3.14	
YIYUT/1.90 NM TO RW31	RW31 (MAP) (FO)	313.78 / 1.90	
RW31 (MAP)	1240 MSL	313.78	
1240 MSL	LOYIT (FO)		3300

MISSED APPROACH

LP: RW31
LNAV: RW31

CLIMB TO 3300 DIRECT LOYIT AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD NW, RT, 133.61 INBOUND.
CHART FAS OBST: 1020 TREE 440204N/0891843W
CHART FAS OBST: 989 TREE 440120N/0891557W
WAAS CHANNEL # 78229
REFERENCE PATH ID: W31A
HUZVU TO RW31: 3.00/40
LTP HAE: 224.8 M

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD SE ZOSMI, RT, 313.90 INBOUND, 3300 FT. IN LIEU OF PT (IAF)
3. FAC: 313.82 FAF: HUZVU DIST FAF TO MAP: 5.04 THLD: 5.04
4. MIN. ALT: ZOSMI 3300, HUZVU 2500, YIYUT/1.90 NM TO RW31 1500
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: ____ GS ALT AT: ____ OM: ____ MM: ____ IM: ____
7. GS ANGLE: ____ TCH: 34:1 IS NOT CLEAR
8. MSA FROM:

MAG VAR: 2W EPOCH YEAR: 2000

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
LP MDA	1240	1	384	1240	1	384		NA			NA				
LNAV MDA	1280	1	424	1280	1	424		NA			NA				
CIRCLING	1340	1	481	1380	1	521		NA			NA				

NOTES:
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE OSHKOSH ALTIMETER AND INCREASE ALL MDA 100 FEET.
CHART NOTE: PROCEDURE NA AT NIGHT.

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

QUALITY CHECKED 2

CITY AND STATE	ELEVATION: 859 THRE: 856	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
WAUTOMA, WI	AIRPORT NAME: WAUTOMA MUNI	RNAV	RNAV (GPS) RWY 31, ORIG	AMDT: NONE
				DATED

ALL AFFECTED PROCEDURES REVIEWED?	COORDINATES OF FACILITIES	REQUIRED EFFECTIVE DATE
[ ] YES [X] NO		**ROUTINE**

COORDINATED WITH:

ATA	AAT	ALPA	APA	AOPA	NBAA	OTHER (specify)
[ ]	[ ]	[X]	[ ]	[X]	[X]	[X] **ZAU, MKE APP CON, AMGR**

FLIGHT CHECKED BY		
NAME:	FIFO	DATE:

DEVELOPED BY		
NAME: **DAN CAIRNS**	FIFO **AJV-353**	DATE: **02/13/2012**

APPROVED BY		
NAME: **LARRY H STROUT** **MANAGER**	FIFO **AJV-353**	DATE:

CHANGES:

ORIGINAL PROCEDURE, THIS REPLACES GPS RWY 31.

REASONS:

FPT REQUEST.

PDF EDITS:

8260-3
ADDED FAF TO HUZVU TO YIYUT LEG.
DELETED 1500 ALTITUDE FROM HUZVU TO YIYUT LEG.
DELETED DUPLICATE RWY31 UNDER TERMINAL ROUTES SECTION (4TH LINE DOWN).
CHANGED MISSED APPROACH ALTITUDE FROM 1240 TO 3300 ON TERMINAL ROUTES SECTION.
LINE #7 REMOVED GS AND TCH.

8260-10
REMOVED 020 AND 2.0.
SEE 8260-10

QUALITY 2 CHECKED

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.	224/30 CW 044/30 (NOPT)	ZOSMI (IF/IAF) (FB)	3300
2.	044/30 CW 224/30	ZOSMI (IF/IAF) (FO)	3300

QUALITY 2 CHECKED

CITY AND STATE	ELEVATION: 859 THRE: 856	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
WAUTOMA, WI	AIRPORT NAME: WAUTOMA MUNI	RNAV	RNAV (GPS) RWY 31, ORIG	AMDT: NONE
				DATED:

ALL AFFECTED PROCEDURES REVIEWED?	COORDINATES OF FACILITIES	REQUIRED EFFECTIVE DATE
☐ YES ☐ NO		

COORDINATED WITH:

ATA ☐ AAT ☐ ALPA ☐ APA ☐ AOPA ☐ NBAA ☐ OTHER (specify) ☐ _____

FLIGHT CHECKED BY		
NAME:	FIFO	DATE:
DEVELOPED BY		
NAME:	FIFO	DATE:
APPROVED BY		
NAME:	FIFO	DATE:

CHANGES:

REASONS:

REASONS CONT.

8260-9
REMOVED ELEV RWY THLD ALTITUDE.
REMOVED GP ANGLE.
REMOVED THRESHOLD CROSSING HEIGHT.

QUALITY 2 CHECKED

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FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	Y50
RUNWAY	RW31
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W31A
LTP/FTP LATITUDE	440219.0075N
LTP/FTP LONGITUDE	0891759.3000W
LTP/FTP ELLIPSOIDAL HEIGHT	+02248
FPAP LATITUDE	440318.3400N
FPAP LONGITUDE	0891931.4700W
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	1744
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	0.0
CRC REMAINDER	95B91F03

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+02609
FPAP ORTHOMETRIC HEIGHT	+02609

QUALITY 2 CHECKED

CITY AND STATE	ELEVATION: 859 THRE: 856	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
WAUTOMA, WI	AIRPORT NAME: WAUTOMA MUNI	RNAV	RNAV (GPS) RWY 31, ORIG	AMDT: NONE
				DATED:

ALL AFFECTED PROCEDURES REVIEWED?	COORDINATES OF FACILITIES	REQUIRED EFFECTIVE DATE
☐ YES ☐ NO		

COORDINATED WITH:

ATA ☐ AAT ☐ ALPA ☐ APA ☐ AOPA ☐ NBAA ☐ OTHER (specify) ☐ _____

FLIGHT CHECKED BY		
NAME:	FIFO	DATE:
DEVELOPED BY		
NAME:	FIFO	DATE:
APPROVED BY		
NAME:	FIFO	DATE:

CHANGES:

REASONS:

QUALITY 2 CHECKED

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 PACKET - 424-18 - RNAV (GPS)

```
                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   HUZVU K50    W     N43585759W089124706                     W0027     NAR           HUZVU
        SUSAEAENRT   LOYIT K50    W     N44102077W089303013                     W0025     NAR           LOYIT
        SUSAEAENRT   YIYUT K50    W     N44010306W089160145                     W0027     NAR           YIYUT
        SUSAEAENRT   ZOSMI K50    W     N43543721W089060482                     W0028     NAR           ZOSMI

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP Y50 K5AY50     0     033YHN44023529W089182049W002000859         0180001800C    MNAR    WAUTOMA MUNI

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP Y50 K5FR31   AZOSMI 010ZOSMIK5EA0EE AR   HF                    31390040    + 03300     1800                  A JS
        SUSAP Y50 K5FR31   R      010ZOSMIK5EA0E  I    IF                                + 03300     1800                  A JS
        SUSAP Y50 K5FR31   R      020HUZVUK5EA1E  F 051TF                     31390065    + 02500                           A JS
        SUSAP Y50 K5FR31   R      020HUZVUK5EA2WALP        N          ALNAV                                                  JS
        SUSAP Y50 K5FR31   R      021YIYUTK5EA0E S  031TF                     31380031    V 0150001502        -300          A JS
        SUSAP Y50 K5FR31   R      030RW31 K5PG0GY M 031TF                     31380019      00896             -300          A JS
        SUSAP Y50 K5FR31   R      040         0  M     CA                     3138        + 01240                           A JS
        SUSAP Y50 K5FR31   R      050LOYITK5EA0EY      DF                                + 03300                           A JS
        SUSAP Y50 K5FR31   R      060LOYITK5EA0EE  R   HM                     13360040    + 03300                           A JS

                 1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP Y50 K5GRW31    0033003138 N44021901W089175930+0100    +0224800856000040060R

                 1         2         3         4         5         6         7         8         9         0         1         2         3
PP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP Y50 K5PR31   RW31 001 0000W31A0N4402190075W08917593000+022480300N4403183400W089193147001067517440004 00F40000095B91F03
        SUSAP Y50 K5PR31   RW31 002E      +02609+02609LP        78229
```

QUALITY CHECKED

CITY AND STATE	ELEVATION: **859** THRE: **856**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
WAUTOMA, WI	AIRPORT NAME: **WAUTOMA MUNI**	**RNAV**	**RNAV (GPS) RWY 31, ORIG**	AMDT: **NONE**
				DATED:

ALL AFFECTED PROCEDURES REVIEWED?	COORDINATES OF FACILITIES	REQUIRED EFFECTIVE DATE
☐ YES ☐ NO		

COORDINATED WITH:

ATA ☐ AAT ☐ ALPA ☐ APA ☐ AOPA ☐ NBAA ☐ OTHER (specify) ☐ _____

FLIGHT CHECKED BY		
NAME:	FIFO	DATE:
DEVELOPED BY		
NAME:	NFPG	DATE:
APPROVED BY		
NAME:	NFPG	DATE:

CHANGES:

REASONS:

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
	ZOSMI	ZOSMI	010	IAF	HF	R	FO		313.9(311.9T)	004.0	AA 03300	
		ZOSMI	010	FACF	IF		FB				AA 03300	
		HUZVU	020	FAF	TF		FB	0.5	313.9(311.9T)	006.5	AA 02500	
		YIYUT	021	SDF	TF		FB	0.3	313.8(311.8T)	003.1	AA 01500 GS 01502	
		RW31	030	MAP	TF		FO	0.3	313.8(311.8T)	001.9	AT 00896	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		313.8(311.8T)		AA 01240	
	LOYIT	050		DF		FO				AA 03300	
	LOYIT	060		HM	R	FO		133.6(131.6T)	004.0	AA 03300	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	HUZVU	N435857.59	W0891247.06	N4358.960	W08912.784
	LOYIT	N441020.77	W0893030.13	N4410.346	W08930.502
	YIYUT	N440103.06	W0891601.45	N4401.051	W08916.024
	ZOSMI	N435437.21	W0890604.82	N4354.620	W08906.080
	RW31	N440219.01	W0891759.30	N4402.317	W08917.988

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW31	00856	40

QUALITY CHECKED

CITY AND STATE	ELEVATION: 859 THRE: 856	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
WAUTOMA, WI	AIRPORT NAME: **WAUTOMA MUNI**	**RNAV**	**RNAV (GPS) RWY 31, ORIG**	AMDT: **NONE**
				DATED:

ALL AFFECTED PROCEDURES REVIEWED?	COORDINATES OF FACILITIES	REQUIRED EFFECTIVE DATE
☐ YES ☐ NO		

COORDINATED WITH:

ATA ☐ AAT ☐ ALPA ☐ APA ☐ AOPA ☐ NBAA ☐ OTHER (specify) ☐ _____

FLIGHT CHECKED BY		
NAME:	FIFO	DATE:
DEVELOPED BY		
NAME:	NFPG	DATE:
APPROVED BY		
NAME:	NFPG	DATE:

CHANGES:

REASONS:

STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD

PART - A OBSTRUCTION DATA

1. APP SEGMENT	FROM	TO	OBSTRUCTION	COORDINATES	ELEV. MSL	ROC	ALT. ADJUSTMENTS	MIN. ALT.
STRAIGHT-IN AREA	224/30 CW 044/30	ZOSMI	1. TWR (55-000521)	432945.00N/0893254.00W	1537 (3C)	1000	AT763	3300
			2. TERRAIN	433509.00N/0883509.00W	1159 (1200)		AS1500	2700
STRAIGHT-IN AREA	044/30 CW 224/30	ZOSMI	3. TWR (55-001013)	440112.82N/0893331.28W	1620 (5D)	1000	AT680	3300
			4. TERRAIN	435724.00N/0893518.00W	1313 (1300)		AS1500	2800
INTERMEDIATE	ZOSMI (IF/IAF)	HUZVU	5. AAO	435818.00N/0890821.00W	1139 (2C)	500	AT861	2500
			6. TERRAIN	435818.00N/0890821.00W	939 (900)		AS1500	2400
FINAL: LP	HUZVU	YIYUT/1.90 NM TO RW31	7. AAO	440004.01N/0891429.87W	1069 (2C)	250	RA83 DG98	1500
FINAL: LP STEPDOWN	YIYUT/1.90 NM TO RW31	RW31	8. TREE	440119.68N/0891557.32W	989 (2C)	250		1240
FINAL: LNAV	HUZVU	YIYUT/1.90 NM TO RW31	9. AAO	435944.61N/0891225.20W	1159 (2C)	250	RA83	1500
FINAL: LNAV STEPDOWN	YIYUT/1.90 NM TO RW31	RW31	10. TREE (KY50T4011)	440203.75N/0891843.28W	1020 (1A)	250		1280
2. HOLD-IN-LIEU-OF-PT	ZOSMI	P-5	11. TWR (55-000630)	434912.00N/0890357.00W	1302 (5E)	1000	AT998	3300
			12. TERRAIN	435354.00N/0885448.00W	1017 (1000)		AS1500	2500
3. MISSED APPROACH MAP:	RW31 / RW31	LOYIT				ASC		3300
			13. AAO	440742.02N/0892500.99W	1459 (2C)	1000		2500
ELEV:	1140/1180		14. TERRAIN	440742.02N/0892500.99W	1259 (1300)		AS1500	2800
			15. TREE (KY50T4024)	440353.95N/0891854.59W	1038 (1B)	300		1340
			16. TREE (KY50T4036)	440252.50N/0891609.73W	1061 (1B)	300		1380

4. CIRCLING AREA	DISTANCE	HT. ABV. ARPT. REQUIRED	HT. ABV. ARPT. ACTUAL
CATEGORY A	1.3 NM	350	481
CATEGORY B	1.5 NM	450	521
CATEGORY C	1.7 NM	450	
CATEGORY D	2.3 NM	550	
CATEGORY E	4.5 NM	550	

5. MINIMUM SAFE ALTITUDES

SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A

PRIMARY NAVAID:

SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A

QUALITY CHECKED 2

CITY AND STATE		FACILITY	PROCEDURE AND AMENDMENT NO:	REGION
WAUTOMA, WI	ELEVATION: 859 AIRPORT NAME: WAUTOMA MUNI	RNAV	RNAV (GPS) RWY 31, ORIG	AGL

PART B - SUPPLEMENTAL DATA

1. COMMUNICATIONS WITH:	2. WEATHER SERVICE		3. ALTIMETER SETTING
ZAU ARTCC MKE APP CON	N W S	OTHER: ASOS	SOURCE: KY50 / KOSH
	F A A		DISTANCE: 0 / 32.61
	A / C		HOURS REMOTE OPERATION: 24
SATISFACTORY ON:			
X V H F X U H F H F	LOCATION: KY50		ADJUSTMENT: 0 / 83

4. MONITOR STATUS	PRIMARY NAVAID:	
	MONITOR POINT:	
	HRS OPTN:	CAT 1
		CAT 3
5. APPROACH & RUNWAY LIGHTING		ALS
		(S) SALS
		MALS
		HIRL
	X	MIRL 31 (PCL), 13 (PCL)
		REIL
		TDZ
		C/LINE
		OTHER (SPECIFY)
6. RUNWAY MARKINGS	BASIC	
	ALL WEATHER	
	INSTRUMENT	NPI-G 31, 13
7. RUNWAY VISUAL RANGE	APPROACH	
	MIDFIELD	
	ROLL OUT	
8. GLIDE PATH	GP ANGLE:	ELEV RWY THRESHOLD:
	DISTANCE FROM RWY:	ELEV GP ANTENNA:
		THRESHOLD CROSSING HEIGHT:
9. FINAL APPROACH COURSE AIMING	X	RUNWAY THRESHOLD FT. FROM THRESHOLD
	X	ON CENTERLINE FT. FROM CENTERLINE

10. WAIVERS: NONE

PART D - PREPARED BY:	DATE:
DAN CAIRNS	02/13/2012
TITLE: AERONAUTICAL INFORMATION SPECIALIST	OFFICE: AJV-353

PART C - REMARKS:

VDP NOT ESTABLISHED - 20:1 PENETRATIONS.

PARA 251, 20:1 PENETRATION.

PARA 251, 34:1 PENETRATION.

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FPT NOTIFIED OF 20:1 AND 34:1 PENETRATIONS.
TERPS, VOLUME 1, "VISUAL PORTION OF FINAL" PENETRATIONS:

20:1
914 TREE (KY50T1761) 440209.73N/0891750.74W (13.51).
925 TREE (KY50T1508) 440208.29N/0891748.36W (13.17).
923 TREE (KY50T1448) 440208.11N/0891748.05W (9.72).
904 TREE (KY50T1783) 440212.34N/0891749.60W (9.20).
905 TREE (KY50T1776) 440212.38N/0891749.03W (8.78).
(ONLY 5 HIGHEST PENETRATORS LISTED-LIST IS TOO NUMEROUS).

34:1
921 TREE (KY50T1477) 440208.34N/0891748.04W (31.79).
915 TREE (KY50T1707) 440212.31N/0891745.42W (29.46).
906 TREE (KY50T1775) 440212.15N/0891748.93W (25.77).
905 TREE (KY50T1771) 440212.35N/0891748.39W (24.30).
903 TREE (KY50T1771) 440212.35N/0891748.39W (24.30).
(ONLY 5 HIGHEST PENETRATORS LISTED-LIST IS TOO NUMEROUS).

RWY8, 20:1
925 TREE (KY50T2040) 440237.84N/0891853.57W (33.71).
912 TREE (KY50T2037) 440238.40N/0891851.26W (29.41).
928 TREE (KY50T2058) 440240.04N/0891857.00W (25.56).
917 TREE (KY50T2048) 440239.15N/0891854.82W (21.94).
908 TREE (KY50T2043) 440239.22N/0891852.74W (20.52).
(ONLY 5 HIGHEST PENETRATORS LISTED-LIST IS TOO NUMEROUS).

RWY 13, 20:1
937 TREE (KY50T2068) 440253.33N/0891844.87W (13.64).
925 TREE (KY50T2069) 440251.93N/0891846.65W (1.51).

100 FT TREES USED PER FPT.

ALL INTERMEDIATE SEGMENTS HAVE THE SAME CONTROLLING OBSTACLE.

CIRCLING RESTRICTIONS APPLIED FOR RWY 8/26 (TURF RWY/NO SURVEY).

LPV AND LNAV/VNAV NOT DEVELOPED DUE TO NUMEROUS GQS AND 20:1 PENETRATIONS.

VGSI: NONE.

KY50 ASOS AND KOSH ASOS BOTH ON SERVICE A.

LEFT AND RIGHT BASE TAA NOT DEVELOPED PER EMAIL WITH FPT.

RASS PRESSURE PATTERNS SAME
KY50 859.0, KOSH 808.4
RA = 82.09.
SEE ATTACHED AIRSPACE LETTER.

QUALITY 2 CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: HUZVU **STATE:** WI **COUNTRY:** US

LATITUDE/LONGITUDE: 435857.59N/0891247.06W **TYPE:** WP

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** ESTABLISH

REMARKS:
8260.54A FORMULA 2-16B APPLIED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (GPS) RWY 31			KY50	WAUTOMA	WI (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG **DATE OF REVISION:** 07/26/2012

DEVELOPED BY: **DATE:** 02/07/2012 **OFFICE:** AJV-353 **NAME:** DAN CAIRNS

APPROVED BY: **DATE:** **OFFICE:** AJV-353 **NAME:** LARRY STROUT

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: CEN
ARTCC: ZAU
ATC FACILITY: MKE APP CON
OTHER:

QUALITY 2 CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: LOYIT **STATE:** WI **COUNTRY:** US

LATITUDE/LONGITUDE: 441020.77N/0893030.13W **TYPE:** WP

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** ESTABLISH

HOLDING: **HOLDING TYPE OF ACTION:** ESTABLISH

PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG LENGTH TIME	LEG LENGTH DME	HOLDING ALTITUDES MIN	HOLDING ALTITUDES MAX	TEMPLATES MIN	TEMPLATES MAX
1	NW		WP	313.61	133.61	R		4	3300	6000	5	6

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (55-020743)	441043.89N/0893006.03W	1427	1A

HOLDING RESTRICTIONS:
HOLDING LIMITED TO ESTABLISHED PATTERN.

REMARKS:
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (GPS) RWY 13		1	KY50	WAUTOMA	WI (US)
IAP	RNAV (GPS) RWY 31		1	KY50	WAUTOMA	WI (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG **DATE OF REVISION:** 07/26/2012

DEVELOPED BY: **DATE:** 02/07/2012 **OFFICE:** AJV-353 **NAME:** DAN CAIRNS

APPROVED BY: **DATE:** **OFFICE:** AJV-353 **NAME:** LARRY STROUT

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: CEN
ARTCC: ZAU
ATC FACILITY: MKE APP CON
OTHER:

QUALITY 2 CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: YIYUT **STATE:** WI **COUNTRY:** US

LATITUDE/LONGITUDE: 440103.06N/0891601.45W **TYPE:** WP

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** ESTABLISH

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (GPS) RWY 31			KY50	WAUTOMA	WI (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG **DATE OF REVISION:** 07/26/2012

DEVELOPED BY: **DATE:** 02/07/2012 **OFFICE:** AJV-353 **NAME:** DAN CAIRNS

APPROVED BY: **DATE:** **OFFICE:** AJV-353 **NAME:** LARRY STROUT

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: CEN
ARTCC: ZAU
ATC FACILITY: MKE APP CON
OTHER:

QUALITY 2 CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: ZOSMI **STATE:** WI **COUNTRY:** US

LATITUDE/LONGITUDE: 435437.21N/0890604.82W **TYPE:** WP

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** ESTABLISH

HOLDING: **HOLDING TYPE OF ACTION:** ESTABLISH

PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG LENGTH TIME	LEG LENGTH DME	HOLDING ALTITUDES MIN	HOLDING ALTITUDES MAX	TEMPLATES MIN	TEMPLATES MAX
1	SE		WP	133.90	313.90	R		4	3300	6000	5	6

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (55-000630)	434912.00N/0890357.00W	1302	5E

HOLDING RESTRICTIONS:
HOLDING LIMITED TO ESTABLISHED PATTERN.

REMARKS:
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (GPS) RWY 13		1	KY50	WAUTOMA	WI (US)
IAP	RNAV (GPS) RWY 31		1	KY50	WAUTOMA	WI (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG **DATE OF REVISION:** 07/26/2012

DEVELOPED BY: **DATE:** 02/07/2012 **OFFICE:** AJV-353 **NAME:** DAN CAIRNS

APPROVED BY: **DATE:** **OFFICE:** AJV-353 **NAME:** LARRY STROUT

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: CEN
ARTCC: ZAU
ATC FACILITY: MKE APP CON
OTHER:

QUALITY 2 CHECKED

TERMINAL AIRSPACE DATA REQUIREMENTS

CITY: **WAUTOMA** STATE: **WI**

AIRPORT NAME: **WAUTOMA MUNI** ID: **KY50**

PROCEDURE: **RNAV (GPS) RWY 31** AMDT: **ORIG**

DOCKET # :
(96-AXX-X/Required/Not Required)

ALL DIST TO 1/100 NM; ELEV TO NEAREST FT; COORD TO 1/100 SEC; DEG TO 1/100 DG.

1. Distance from **THLD** to 1000' point **3.37**
   (Enter THLD, FAF, ARP, FACILITY, as appropriate)
2. Width of **FINAL** segment at 1000' point **1.20**
   (Enter appropriate segment , final, intermediate, etc.)
3. True Course of **FINAL** segment containing 1000' point **311.82**
4. High Terrain in **FINAL** segment containing 1000' point **959**
5. Distance from **THLD** to 1500' point **5.04**
   (If 1500' point in PT maneuvering area or holding pattern note in remarks)
6. Width of **FINAL** segment at 1500' point **2.13**
7. True Course of **FINAL** segment containing 1500' point **311.82**
8. High Terrain in **FINAL** segment containing 1500' point **959**
9. Threshold Coordinates (if straight-in) ... **440219.01N** / **0891759.30W**
10. ARP Coordinates ..... **440235.29N** / **0891820.49W**
11. Runway Approach End and distance furthest from ARP.....RWY **31**
    Distance **0.37** NM
12. FAF Coordinates ..... **435857.59N** / **0891247.06W**
    (Click to Select)

REMARKS: Approach/Drawing attached. STRAIGHT-IN (IF/IAF) ZOSMI 435437.21N/0890604.82W
TAA RADIUS VALUE: 30NM