

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	
LOYIT (IF/IAF)	WOSMU (FB)	133.61 / 6.50	2500	LP: RW13 LNAV: RW13
WOSMU (FAF)	ZIBTI/2.40 NM TO RW13 (FB)	133.69 / 2.63		CLIMB TO 3300 DIRECT ZOSMI AND HOLD.
ZIBTI/2.40 NM TO RW13	RW13 (MAP) (FO)	133.72 / 2.40		
RW13 (MAP)	1240 MSL	133.72		
1240 MSL	ZOSMI (FO)		3300	
				ADDITIONAL FLIGHT DATA: HOLD SE, RT, 313.90 INBOUND. CHART FAS OBST: 981 TREE 440343N/0892011W CHART FAS OBST: 1033 TREE 440239N/0891938W WAAS CHANNEL # 82029 REFERENCE PATH ID: W13A WOSMU TO RW13: 3.00/40 LTP HAE: 225.6 M

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- HOLD NW LOYIT, RT, 133.61 INBOUND, 3300 FT. IN LIEU OF PT (IAF)
- FAC: 133.69 FAF: WOSMU DIST FAF TO MAP: 5.03 THLD: 5.03
- MIN. ALT: LOYIT 3300, WOSMU 2500, ZIBTI/2.40 NM TO RW13 1660
- DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT:
- MIN GS INCPT: GS ALT AT: OM: MM: IM:
- GS ANGLE: TCH: 34:1 IS NOT CLEAR
- 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	381	1240	1	381									
LNAV MDA	1300	1	441	1300	1	441									
CIRCLING	1340	1	481	1380	1	521									

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



CITY AND STATE WAUTOMA, WI	ELEVATION: 859 THRE: 859 AIRPORT NAME: WAUTOMA MUNI	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 13, ORIG 23 AUGUST 2012	SUP: AMDT: NONE DATED
-------------------------------	---	------------------------------	---	-----------------------------

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.

TAA

	FROM	TO	ALT
1.	044/30 CW 224/30 (NOPT)	LOYIT (IF/IAF) (FB)	3300
2.	224/30 CW 044/30	LOYIT (IF/IAF) (FO)	3300



CITY AND STATE WAUTOMA, WI	ELEVATION: 859 THRE: 859 AIRPORT NAME: WAUTOMA MUNI	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 13, ORIG 23 AUGUST 2012	SUP:
				AMDT: NONE
				DATED:

**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 INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	Y50
RUNWAY	RW13
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W13A
LTP/FTP LATITUDE	440240.7090N
LTP/FTP LONGITUDE	0891832.9955W
LTP/FTP ELLIPSOIDAL HEIGHT	+02256
FPAP LATITUDE	440141.3700N
FPAP LONGITUDE	0891700.8600W
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 AAD279FB

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+02617
FPAP ORTHOMETRIC HEIGHT	+02617



CITY AND STATE WAUTOMA, WI	ELEVATION: 859 THRE: 859	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 13, ORIG 23 AUGUST 2012	SUP:
	AIRPORT NAME: WAUTOMA 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

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)

	1	2	3	4	5	6	7	8	9	0	1	2	3	
WP	1234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012													
SUSAEAENRT	LOYIT	K50	W	N44102077W089303013				W0025	NAR	LOYIT				
SUSAEAENRT	WOSMU	K50	W	N44060152W089234540				W0026	NAR	WOSMU				
SUSAEAENRT	ZIBTI	K50	W	N44041658W089210202				W0026	NAR	ZIBTI				
SUSAEAENRT	ZOSMI	K50	W	N43543721W089060482				W0028	NAR	ZOSMI				

AIRPORT	1	2	3	4	5	6	7	8	9	0	1	2	3	
SUSAP	Y50	K5AY50	0	033YHN44023529W089182049W002000859				1800018000C	MNAR	WAUTOMA MUNI				

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3	
SUSAP	Y50	K5FR13	ALOYIT	010LOYITK5EA0EE	AR	HF		13360040	+ 03300	18000		A	JS	
SUSAP	Y50	K5FR13	R	010LOYITK5EA0E	I	IF			+ 03300	18000		A	JS	
SUSAP	Y50	K5FR13	R	020WOSMUK5EA1E	F	051TF		13360065	+ 02500			A	JS	
SUSAP	Y50	K5FR13	R	020WOSMUK5EA2WALP		N	ALNAV					JS		
SUSAP	Y50	K5FR13	R	021ZIBTIK5EA0E	S	031TF		13370026	V	0166001663		-300	A	JS
SUSAP	Y50	K5FR13	R	030RW13	K5PG0GY	M	031TF	13370024		00899		-300	A	JS
SUSAP	Y50	K5FR13	R	040	0	M	CA	1337	+ 01240				A	JS
SUSAP	Y50	K5FR13	R	050ZOSMIK5EA0EY		DF			+ 03300				A	JS
SUSAP	Y50	K5FR13	R	060ZOSMIK5EA0EE	R	HM		31390040	+ 03300				A	JS

RUNWAY	1	2	3	4	5	6	7	8	9	0	1	2	3	
SUSAP	Y50	K5GRW13	0033001338	N44024071W089183300-0100				+0225600859000040060R						

EP	1	2	3	4	5	6	7	8	9	0	1	2	3	
SUSAP	Y50	K5PR13	RW13	001	0000W13A0N4402407090W08918329955+022560300N4401413700W08917008600106751744000400F400000AAD279FB									
SUSAP	Y50	K5PR13	RW13	002E	+02617+02617LP				82029					

CITY AND STATE WAUTOMA, WI	ELEVATION: 859	THRE: 859	FACILITY IDENTIFIER: RNAV	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: RNAV (GPS) RWY 13, ORIG 23 AUGUST 2012	SUP:
	AIRPORT NAME: WAUTOMA 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

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
	LOYIT	LOYIT	010	IAF	HF	R	FO		133.6 (131.6T)	004.0	AA 03300	
		LOYIT	010	FACF	IF		FB				AA 03300	
		WOSMU	020	FAF	TF		FB	0.5	133.6 (131.6T)	006.5	AA 02500	
		ZIBTI	021	SDF	TF		FB	0.3	133.7 (131.7T)	002.6	AA 01660	GS 01663
		RW13	030	MAP	TF		FO	0.3	133.7 (131.7T)	002.4	AT 00899	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		133.7 (131.7T)		AA 01240	
	ZOSMI	050		DF		FO				AA 03300	
	ZOSMI	060		HM	R	FO		313.9 (311.9T)	004.0	AA 03300	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	LOYIT	N441020.77	W0893030.13	N4410.346	W08930.502
	WOSMU	N440601.52	W0892345.40	N4406.025	W08923.757
	ZIBTI	N440416.58	W0892102.02	N4404.276	W08921.034
	ZOSMI	N435437.21	W0890604.82	N4354.620	W08906.080
	RW13	N440240.71	W0891833.00	N4402.679	W08918.550

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW13	00859	40

CITY AND STATE
WAUTOMA, WI

ELEVATION: **859** THRE: **859**
 AIRPORT NAME:
WAUTOMA MUNI

FACILITY IDENTIFIER:
RNAV

PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:
RNAV (GPS) RWY 13, ORIG
23 AUGUST 2012

SUP:
 AMDT: **NONE**
 DATED: