

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	
OZOXY (IF/IAF)	IMLIW (FB)	166.05 / 7.00	3300	LPV: DA LNAV/VNAV: DA LNAV: RW17
IMLIW (FAF)	EXOLE/2.70 NM TO RW17 (FB)	166.09 / 2.76		
EXOLE/2.70 NM TO RW17	RW17 (MAP) (FO)	166.09 / 2.70		CLIMB TO 3300 DIRECT ZABVI AND HOLD.
RW17 (MAP)	1771 MSL	166.09		
1771 MSL	ZABVI (FO)		3300	

**ADDITIONAL FLIGHT DATA:**  
HOLD S. RT, 346.17 INBOUND.  
CHART FAS.OBST: 1649 TREE 451206N/0890646W  
DISTANCE TO THLD FROM 260 HATH: 0.66 NM.  
WAAS CHANNEL #49131  
REFERENCE PATH ID: W17A  
LTP HAE: 426.6 M

- PT        SIDE OF COURSE        OUTBOUND        FT WITHIN        MILES OF        (IAF)
- HOLD N OZOXY, RT, 166.06 INBOUND, 3400 FT. IN LIEU OF PT (IAF)
- FAC: 166.09 FAF: IMLIW DIST FAF TO MAP: 5.46 THLD: 5.46
- MIN. ALT: OZOXY 3400, IMLIW 3300, EXOLE/2.70 NM TO RW17 2420'
- DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT:
- MIN GS INCPT: 3300 GS ALT AT: IMLIW 3300 OM: MM: IM:
- GS ANGLE: 3.00 TCH: 40.0 34:1 IS NOT CLEAR
- MSA FROM:

MAG VAR: 2W EPOCH YEAR: 1995

**MINIMUMS**

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT							ALTERNATE: N A			@					
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	1771	1	250	1771	1	250	1771	1	250	1771	1	250			
LNAV/VNAV DA	1923	1 3/8	402	1923	1 3/8	402	1923	1 3/8	402	1923	1 3/8	402			
LNAV MDA	1920	1	399	1920	1	399	1920	1 1/8	399	1920	1 1/8	399			
CIRCLING	2120	1	597	2120	1	597	2120	1 1/2	597	2120	2	597			

**NOTES:**  
CHART NOTE: BARO-VNAV NA WHEN USING WAUSAU DOWNTOWN ALTIMETER SETTING.  
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -18C (0F) OR ABOVE 54C (130F).  
CHART NOTE: PROCEDURE NA AT NIGHT.  
CHART NOTE: DME/DME RNP-0.3 NA.  
(SEE FORM 8260-10)

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.



CITY AND STATE: ANTIGO, WI	ELEVATION: 1523 THRE: 1521 AIRPORT NAME: LANGLADE COUNTY	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 17, AMDT 2 25 JULY 2013	SUP: RNAV (GPS) RWY 16 AMDT: 1 DATED 04/10/2008
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T 12-15 R.L 7/25/13

ALL AFFECTED PROCEDURES REVIEWED? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	COORDINATES OF FACILITIES	REQUIRED EFFECTIVE DATE  ROUTINE
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COORDINATED WITH:						
ATA <input type="checkbox"/>	AAT <input type="checkbox"/>	ALPA <input checked="" type="checkbox"/>	APA <input type="checkbox"/>	AOPA <input checked="" type="checkbox"/>	NBAA <input checked="" type="checkbox"/>	OTHER (specify) <input checked="" type="checkbox"/> ZMP ARTCC, AFLD MGR

FLIGHT CHECKED BY

NAME: Zack Smyer <i>[Signature]</i>	FIFO	DATE: 5/15/13
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DEVELOPED BY		
NAME: JILL OLSON (MICHAEL R. GARRITY JR.) <i>[Signature]</i>	FIFO AJV-353	DATE: 11/05/2012

APPROVED BY		
NAME: LARRY H STROUT <i>[Signature]</i> MANAGER	FIFO AJV-353	DATE: 6-4-13

CHANGES:

1. CHANGED PROCEDURE TITLE FROM RNAV (GPS) RWY 16 TO RNAV (GPS) RWY 17.
2. REMOVED FEEDER SEGMENTS, INITIAL SEGMENTS, AND ASSOCIATED NOTES.
3. CHANGED OZOXY TO IMLIW COURSE FROM 165.54 TO 166.05.
4. CHANGED OZOXY TO IMLIW DISTANCE FROM 6.09 NM TO 7.00 NM.
5. CHANGED MA CLEARANCE LIMIT FROM OTIXE WP TO ZABVI WP/UPDATED MISSED APPROACH INSTRUCTIONS.
6. HOLDING INBOUND COURSE CHANGED FROM 345.65 TO 346.17.
7. CHANGED FAS OBSTACLE COORDINATES.
8. REMOVED VDP.
9. CHANGED DESIGN DG FROM 3.04 TO 3.00.
10. CHANGED HIL INBOUND COURSE FROM 165.54 TO 166.05.
11. CHANGED FAC FROM 165.56 TO 166.09.
12. CHANGED MIN ALT AT EXOLE FROM 2580 FT TO 2420 FT.
13. REMOVED MSA.
14. ADDED LPV AND LNAV/VNAV MINIMUMS.

SEE 8260-10

REASONS:

- 1-2,9,15. FPT REQUEST.
- 3-4,10,11. FPT REQUEST - FIXES MOVED TO ACCOMODATE UP TO 90 DEGREE TURNS AT THE IF/IAF FOR TAA ADDITION.
- 5-6. OTIXE WP MOVED MORE THAN 1NM DUE TO TAA ADDITION FOR RWY 35.
- 7,12. IAPA OBSTACLE DATABASE UPDATE.
8. 20:1 PENETRATIONS EXIST.
13. TAA ADDED PER FPT REQUEST.
14. FAA MEMO 163, RULE #1.
16. FAA MEMO DATED 8-27-2012.



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NOTES, (CONT.):

\*LNAV ONLY

CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1SM NOT AUTHORIZED.

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE WAUSAU DOWNTOWN ALTIMETER SETTING:  
 INCREASE ALL DA 105 FT, ALL LPV VISIBILITIES 1/4 MILE, AND ALL LNAV/VNAV VISIBILITIES 3/8 MILE;  
 INCREASE ALL MDA 120 FT, LNAV CAT C AND D VISIBILITIES 1/4 MILE, CIRCLING CAT C VISIBILITY 1/2  
 MILE AND CAT D VISIBILITY 1/4 MILE.

TAA

	FROM	TO	ALT
1.	076/30 CW 256/30 (NOPT)	078/10 CW 266/10	4400
2.	076/10 CW 256/10	OZOXY (IF/IAF) (FB)	3400
3.	256/30 CW 076/30	OZOXY (IF/IAF) (FO)	3600



CITY AND STATE ANTIGO, WI	ELEVATION: 1523	THRE: 1521	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 17, AMDT 2 25 JULY 2013	SUP. RNAV (GPS) RWY 16
	AIRPORT NAME: LANGLADE COUNTY				AMDT: 1
					DATED: 04/10/2008

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

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FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KAIG
RUNWAY	RW17
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W17A
LTP/FTP LATITUDE	480932.9080N
LTP/FTP LONGITUDE	0890637.0015W
LTP/FTP ELLIPSOIDAL HEIGHT	+04288
FPAP LATITUDE	450807.2200N
FPAP LONGITUDE	0890802.5400W
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	1528
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER 3848D67C

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+04634
FPAP ORTHOMETRIC HEIGHT	+04634



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