

FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.33

Bearings, headings, courses, tracks 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 feet RVR.

<u>AIRPORT</u> WAUSAU DOWNTOWN	<u>AIRPORT ID</u> KAUW	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 31	<u>ORIGINAL/AMENDMENT</u> 1A	<u>CITY</u> WAUSAU	<u>STATE</u> WI
<u>AIRPORT ELEVATION</u> 1201	<u>TDZE</u> 1195	<u>SUPERSEDED</u> RNAV (GPS) RWY 31	<u>ORIGINAL/AMENDMENT</u> 1	<u>DATED</u> 06/22/2017	<u>MAG VAR</u> 3W
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 15 AUGUST 2019	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>	<u>EPOCH YEAR</u> 2015

TERMINAL ROUTES

<u>FROM</u>	<u>FIX TYPE</u>	<u>TO</u>	<u>FIX TYPE</u>	<u>LEG TYPE</u>	<u>FO/FB</u>	<u>RNP</u>	<u>COURSE</u>	<u>DISTANCE</u>	<u>ALTITUDE</u>
CHURP	IAF	HUXIS	NOPT	TF	FB	1.00	289.45	19.27	3600
HUXIS	IF/IAF	ZEDNI		TF	FB	1.00	307.23	7.00	3000
ZEDNI	FAF	CILSU/2.10 NM TO RW31		TF	FB	0.30	307.13	3.44	
CILSU/2.10 NM TO RW31		RW31	MAP	TF	FO	0.30	307.13	2.10	
RW31	MAP	1700 MSL		CA			307.13		1700
1700 MSL		ZUPIG		DF	FO	1.00			4000

MISSED APPROACH

MAP:

LPV: DA
 LNAV/VNAV: DA
 LNAV: RW31

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 1700 THEN CLIMBING RIGHT TURN TO 4000 DIRECT ZUPIG AND HOLD.

**MISSED APPROACH REQUIRES MINIMUM CLIMB OF 300 FEET PER NM TO 2100.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF (IAF)

2. HOLD SE HUXIS, RT, 307.23 INBOUND, 3600 FT. IN LIEU OF PT (IAF), MAX 6000.

3. FAC: 307.13 FAF: ZEDNI DIST FAF TO MAP: 5.54 DIST FAF TO THLD: 5.54

4. MIN ALT: HUXIS 3600, ZEDNI 3000, CILSU/2.10 NM TO RW31 1900*

5. DIST TO THLD FROM OM: MM: IM: 150 HAT: 250 HAT: 0.66 GS ANT: MM: IM:

6. MIN GP INCPT: 3000 GP ALT AT FAF : ZEDNI 3000 OM: MM: IM:

7. GP ANGLE: 3.00 34:1: IS CLEAR 20:1: IS CLEAR TCH: 44.1

8. MSA FROM: RW31 3600

PBN REQUIREMENTS NOTE:

RNP APCH.

NOTES:

CHART NOTE: CIRCLING NA TO RWYS 12W AND 30W.
CHART NOTE: CIRCLING NA SW OF RWY 13-31.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -21°C OR ABOVE 54°C.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT CHURP ON V26 EASTBOUND AND V191 SOUTHEAST BOUND.

ADDITIONAL FLIGHT DATA:

CHART CIRCLING ICON.
CHART VDP AT 1.46 NM TO RW31*
*LNAV ONLY
WAAS CHANNEL #45730
REFERENCE PATH ID: W31A
CHART FAS OBST: 1381 TOWER 445449N/0893508W.
HOLD S, RT, 009.55 INBOUND
LTP HAE: 328 M

MINIMUMS:

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT

ALTERNATE: NA ☐ STANDARD - CAT D 1100-3



CATEGORY:	A			B			C			D			E		
FINAL TYPE	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA
LPV DA	1445	7/8	250	1445	7/8	250	1445	7/8	250	1445	7/8	250			
LNAV/VNAV DA**	1505	1	310	1505	1	310	1505	1	310	1505	1	310			
LNAV/VNAV DA	1661	1 5/8	466	1661	1 5/8	466	1661	1 5/8	466	1661	1 5/8	466			
LNAV MDA	1700	1	505	1700	1	505	1700	1 3/8	505	1700	1 3/8	505			
CIRCLING	1840	1	639	1840	1	639	1960	2	759	2260	3	1059			

FAS DATA BLOCK INFORMATION**DATA FIELD****DATA**

OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KAUW
RUNWAY	RW31
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W31A
LTP/FTP LATITUDE	445521.4000N
LTP/FTP LONGITUDE	0893721.2800W
LTP/FTP ELLIPSOIDAL HEIGHT	+03280
FPAP LATITUDE	445611.2820N
FPAP LONGITUDE	0893905.1950W
THRESHOLD CROSSING HEIGHT (TCH)	00044.1
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1168
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER	83F5F95C
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ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+03627
FPAP ORTHOMETRIC HEIGHT	+03627

QUALITY
20
CHECKED