

**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> RICHARD I BONG	<u>AIRPORT ID</u> KSUW	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 4	<u>ORIGINAL/AMENDMENT</u> ORIG-C	<u>CITY</u> SUPERIOR	<u>STATE</u> WI
<u>AIRPORT ELEVATION</u> 674	<u>TDZE</u> 670	<u>SUPERSEDED</u> RNAV (GPS) RWY 4	<u>ORIGINAL/AMENDMENT</u> ORIG-B	<u>DATED</u> 10/11/2018	<u>MAG VAR</u> 1W
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 26 MARCH 2020	<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>
DLH VORTAC		BARUM		TF	FO	1.00	187.97	16.55	4000
BARUM	IF/IAF	HUOX		TF	FB	1.00	029.82	5.62	2600
HUOX	FAF	DUYAR/2.00 NM TO RW04		TF	FB	0.30	037.79	3.90	
DUYAR/2.00 NM TO RW04		RW04	MAP	TF	FO	0.30	037.79	2.00	
RW04	MAP	1500 MSL		CA			037.79		1500
1500 MSL		BARUM		DF	FO	1.00			4000

MISSED APPROACH

MAP:

LP: RW04
LNAV: RW04

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 1500 THEN CLIMBING RIGHT TURN TO 4000 DIRECT BARUM AND HOLD, CONTINUE CLIMB-IN-HOLD TO 4000.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF (IAF)

2. HOLD SW BARUM, RT, 029.82 INBOUND, 4000 FT. IN LIEU OF PT (IAF), MAX 8000.

3. FAC: 037.79FAF: HUROXDIST FAF TO MAP: 5.90DIST FAF TO THLD: 5.90

4. MIN ALT:BARUM 4000, HUROX 2600, DUYAR/2.00 NM TO RW04 1340

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

6. MIN GP INCPT:GP ALT AT FAF :OM:

7. GP ANGLE:34:1: IS CLEAR20:1: IS CLEARTCH:

8. MSA FROM:RW04 3100

PBN REQUIREMENTS NOTE:

RNP APCH.

NOTES:

CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON DLH VORTAC AIRWAY RADIALS 095 CW 160.

ADDITIONAL FLIGHT DATA:

HUROX TO RW04: 3.00/50.
CHART VDP AT 1.13 NM TO RW04
WAAS CHANNEL #63029
REFERENCE PATH ID: W04A
CHART FAS OBST: 803 TWR 463954N/0920707W.
CHART 1045 COMMUNICATION TWR 463913N/0920850W.
LTP HAE: 176.2 M

MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD - NA WHEN LOCAL WEATHER NOT AVAILABLE.

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
LP MDA	1060	1	390	1060	1	390	1060	1 1/8	390	1060	1 1/8	390			
LNAV MDA	1080	1	410	1080	1	410	1080	1 1/8	410	1080	1 1/8	410			
CIRCLING	1180	1	506	1180	1	506	1180	1 1/2	506	1240	2	566			

CHANGES - REASONS

1. REMOVED NOTE: NOPT FOR ARRIVAL AT BARUM ON V13-505 NORTHBOUND. - VORMON PROJECT, RZN DECOMMISSION.
2. DELETED CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE SKY HARBOR ALTIMETER SETTING. - NOT REQUIRED. PRIMARY TRANSMITTED TO WMSCR.



COORDINATED WITH:

~~A4A~~ ☐ ~~ALPA~~ ☒ ~~AOPA~~ ☒ ~~APA~~ ☐ ~~HAI~~ ☐ ~~NBAA~~ ☒ OTHER: ZMP, DLH APP CON, AMGR

FLIGHT CHECKED BY

PROCESSED IAW AIRCRAFT OPERATIONS GROUP (AJW-33) MEMO, OCTOBER 3, 2018, SUBJECT:
FLIGHT INSPECTION REVIEW NOT REQUIRED

OFFICE

DATE

Digitally signed by

ALLAN WILL

Aug 23, 2019

DEVELOPED BY

Digitally signed by

TOMMY BYRNS

TOMMY BYRNS

Aug 20, 2019

OFFICE

AJV-A423

DATE

07/15/2019

APPROVED BY

MARLON ROBINSON

OFFICE

AJV-A420

DATE

Digitally signed by

ALLAN WILL

Aug 23, 2019

TITLE

MANAGER

FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KSUW
RUNWAY	RW04
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W04A
LTP/FTP LATITUDE	464120.9620N
LTP/FTP LONGITUDE	0920601.0730W
LTP/FTP ELLIPSOIDAL HEIGHT	+01762
FPAP LATITUDE	464232.2200N
FPAP LONGITUDE	0920443.4200W
THRESHOLD CROSSING HEIGHT (TCH)	00050.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1192
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	0.0
CRC REMAINDER	95730F1E

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+02043
FPAP ORTHOMETRIC HEIGHT	+02043

