

**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.

<b>AIRPORT</b> ALEXANDER FIELD SOUTH WOOD COUNTY	<b>AIRPORT ID</b> KISW	<b>PROCEDURE NAME</b> RNAV (GPS) RWY 2	<b>ORIGINAL/AMENDMENT</b> ORIG-B	<b>CITY</b> WISCONSIN RAPIDS	<b>STATE</b> WI
<b>AIRPORT ELEVATION</b> 1021	<b>TDZE</b> 1018	<b>SUPERSEDED</b> RNAV (GPS) RWY 2	<b>ORIGINAL/AMENDMENT</b> ORIG-A	<b>DATED</b> 04/02/2015	<b>MAG VAR</b> 1W <b>EPOCH YEAR</b> 1995
<b>FACILITY</b> RNAV	<b>COORDINATES OF FACILITIES</b>	<b>ACTUAL EFFECTIVE DATE</b> 15 AUGUST 2019	<b>REQUIRED EFFECTIVE DATE</b> ROUTINE	<b>CANCEL/SUSPEND</b>	

**TERMINAL ROUTES**

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
ZAVOX	IAF	JENUN		TF	FB	1.00	346.50	27.66	3000
HURST	IAF	JENUN		TF	FB	1.00	045.32	19.77	3000
JENUN	IF	GIRLE		TF	FB	1.00	003.78	6.01	2700
GIRLE	FAF	KACHU/2.07 NM TO XOBRY		TF	FB	0.30	017.76	2.55	
KACHU/2.07 NM TO XOBRY		XOBRY	MAP	TF	FO	0.30	017.76	2.07	
XOBRY	MAP	1298 MSL		CA			017.76		
1298 MSL		UYOLU		DF	FB	1.00			
UYOLU		AKAKE		TF	FO	1.00	021.65	9.81	3000

**MISSED APPROACH**

**MAP:**

LPV: DA  
LNAV/VNAV: DA  
LNAV: XOBRY

**MISSED APPROACH INSTRUCTIONS:**

CLIMB TO 3000 DIRECT UYOLU AND ON TRACK 021.65 TO AKAKE AND HOLD.

**ALTERNATE MISSED APPROACH INSTRUCTIONS:**



**AIRPORT**

ALEXANDER FIELD SOUTH WOOD COUNTY

**AIRPORT ID**

KISW

**PROCEDURE NAME**

RNAV (GPS) RWY 2

**ORIGINAL/AMENDMENT**

ORIG-B

**CITY**

WISCONSIN RAPIDS

**STATE**

WI

**PROFILE:**

1. **PT**      **SIDE OF COURSE**                      **OUTBOUND**                      **FT WITHIN**                      **MILES OF (IAF)**

2. PROFILE STARTS AT JENUN

3. **FAC:** 017.76      **FAF:** GIRLE                      **DIST FAF TO MAP:** 4.62                      **DIST FAF TO THLD:** 5.15

4. **MIN ALT:** JENUN 3000, GIRLE 2700, KACHU/2.07 NM TO XOBRY 1880\*

5. **DIST TO THLD FROM OM:**                      **MM:**                      **IM:**                      **150 HAT:**                      **280 HAT:** 0.74                      **GS ANT:**

6. **MIN GP INCPT:** 2700                      **GP ALT AT FAF :** GIRLE 2700                      **OM:**                      **MM:**                      **IM:**

7. **GP ANGLE:** 3.00                      **34:1:** IS NOT CLEAR                      **20:1:** IS CLEAR                      **TCH:** 50.0

8. **MSA FROM:** XOBRY 3000

**PBN REQUIREMENTS NOTE:**

RNP APCH.

**NOTES:**

CHART NOTE: CIRCLING NA TO RWYS 18 AND 36.

CHART NOTE: CIRCLING RWY 20, 30 NA AT NIGHT.

CHART NOTE: BARO-VNAV AND VDP NA WHEN USING STEVENS POINT ALTIMETER SETTING.

CHART NOTE: RWY 2 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -17°C OR ABOVE 54°C.

CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT HURST ON V345 SOUTHEAST BOUND.

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE STEVENS POINT ALTIMETER SETTING: INCREASE LPV DA TO 1351 FEET; INCREASE LNAV/VNAV DA TO 1546 FEET AND ALL VISIBILITIES 1/8 SM; INCREASE ALL MDAS 60 FEET, LNAV CAT C AND D VISIBILITIES 1/8 SM AND CIRCLING CAT C AND D VISIBILITIES 1/4 SM.

**ADDITIONAL FLIGHT DATA:**

\*LNAV ONLY.

CHART FAS OBSTACLE: 1093 TREE 442046N/0895046W

CHART VDP AT 0.71 NM TO RW02\*

CHART CIRCLING ICON.

CHART PLANVIEW NOTE: FINAL APPROACH COURSE OFFSET 3.00 DEGREES.

WAAS CHANNEL #77731

REFERENCE PATH ID: W02A

CHART FAS OBST: 1174 STACK 442012N/0895136W.

FAC CROSSES RWY C/L EXTENDED 3200 FT FROM THLD.

HOLD N, RT, 200.85 INBOUND

FTP HAE: 272.9 M



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

**ALTERNATE:** NA  STANDARD - CAT D 800-2 1/2, 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
LPV DA	1298	1	280	1298	1	280	1298	1	280	1298	1	280				
LNAV/VNAV DA	1493	1 3/8	475	1493	1 3/8	475	1493	1 3/8	475	1493	1 3/8	475				
LNAV MDA	1440	1	422	1440	1	422	1440	1 1/4	422	1440	1 1/4	422				
CIRCLING	1480	1	459	1560	1	539	1620	1 1/2	599	1800	2 1/2	779				

**CHANGES - REASONS**

1. REMOVED CHART NOTE: DME/DME RNP-0.3 NA. - IAW 8260.19H 8-6-8.B.
2. ADDED PBN REQUIREMENTS NOTE: RNP APCH. - PER FAAO 8260.19H 8-6-8.B.(1).
3. ADDED 20:1 IS CLEAR. - IAW 8260.19H. DOCUMENTATION CRITERIA.
4. CHANGED "CHART NOTE: RWY 2 STRAIGHT-IN AND CIRCLING TO RWY 20, 30 NA AT NIGHT." TO "CHART NOTE: CIRCLING RWY 20, 30 NA AT NIGHT." - NO 20:1 OBSTACLES IDENTIFIED TO STRAIGHT IN RWY 2 PORTION OF APPROACH.
5. UPDATED CHART NOTE: RWY 2 HELICOPTER VISIBILITY REDUCTION FROM "BELOW 1 SM NOT AUTHORIZED" TO "BELOW 3/4 SM NOT AUTHORIZED." - ONLY 34:1 PENETRATIONS IDENTIFIED.
6. ADDED CHART NOTE: CIRCLING NA TO RWYS 18 AND 36. - IAW UNPAVED RUNWAYS SOP (1.2), TURF RUNWAY DOES NOT HAVE RAPT APPROVAL FOR IFR OPERATIONS.
7. CAT B CIRCLING MDA INCREASED FROM 1520 TO 1560. - NEW CONTROLLING OBSTACLE IDENTIFIED CLEARS FDC NOTAM 9/3437.
8. CAT C CIRCLING MDA INCREASED FROM 1520 TO 1620. - NEW CONTROLLING OBSTACLE IDENTIFIED CLEARS FDC NOTAM 9/3437.
9. CAT D CIRCLING INCREASED FROM 1620 TO 1800, VISIBILITY INCREASED FROM 2 TO 2 1/2. - NEW CONTROLLING OBSTACLE IDENTIFIED CLEARS FDC NOTAM 9/3437.
10. CHANGED FROM RNP 0.50 TO RNP 1.0 ON JENUN TO GIRLE TERMINAL ROUTE - IAW 8260.19H 8-6-4A.(6)(C).
11. CHANGED DISTANCE THLD TO 280 HAT FROM 0.72 TO 0.74 NM - BASED ON TARGETS EVALUATION CALCULATIONS.
12. DELETED PLANVIEW NOTE "PROCEDURE NA FOR ARRIVALS AT ZAVOX ON V228 SOUTH BOUND". - V228 NO LONGER INCLUDES ZAVOX.
13. ADDED VDP AT .71 NM FROM RW02. - TARGETS EVALUATION CALCULATIONS NO LONGER SHOW 20:1 PENETRATIONS.
14. DELETED CLIMB IN HOLD REQUIREMENT FROM MISSED APPROACH INSTRUCTIONS. - TARGETS EVALUATION CALCULATIONS SHOW CLIMB IN HOLD NOT REQUIRED.
15. CHANGED BACK UP ALTIMETER NOTE FROM "CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE STEVENS POINT ALTIMETER SETTING AND INCREASE LPV DA TO 1344 AND VISIBILITY TO 1 1/8 MILE ALL CATS, LNAV/VNAV DA TO 1539 AND VISIBILITY TO 1 3/4 MILE ALL CATS, INCREASE ALL MDAS 60 FEET AND LNAV VISIBILITY CATS C AND D TO 1 3/8 MILE." TO "CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE STEVENS POINT ALTIMETER SETTING: INCREASE LPV DA TO 1351 FEET; INCREASE LNAV/VNAV DA TO 1546 FEET AND ALL VISIBILITIES 1/8 SM; INCREASE ALL MDAS 60 FEET, LNAV CAT C AND D VISIBILITIES 1/8 SM AND CIRCLING CAT C AND D VISIBILITIES 1/4 SM." - NEW VIS CHECK CALCULATIONS ACCOMPLISHED AFTER APPLICATION OF FDC NOTAM 9/3437 CHANGES.

**COORDINATED WITH:**

**A4A**  **ALPA**  **AOPA**  **APA**  **HAI**  **NBAA**  **OTHER:** ZMP ARTCC, 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  
**CASIMIR L TABAKA**  
May 01, 2019

**DEVELOPED BY**

CASIMIR L. TABAKA (MARSHALL SCOTT)

**OFFICE**

AJV-A420

**DATE**

02/12/2019

Digitally signed by  
**CASIMIR L TABAKA**  
May 01, 2019

**APPROVED BY**

MARLON ROBINSON

**OFFICE**

AJV-A420

**DATE**

Digitally signed by  
**CASIMIR L TABAKA**  
May 01, 2019

**TITLE**  
MANAGER



AIRPORTALEXANDER FIELD SOUTH WOOD  
COUNTYAIRPORT ID

KISW

PROCEDURE NAME

RNAV (GPS) RWY 2

ORIGINAL/AMENDMENT

ORIG-B

CITY

WISCONSIN RAPIDS

STATE

WI

FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KISW
RUNWAY	RW02
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W02A
LTP/FTP LATITUDE	442112.5475N
LTP/FTP LONGITUDE	0895032.8410W
LTP/FTP ELLIPSOIDAL HEIGHT	+02729
FPAP LATITUDE	442237.8525N
FPAP LONGITUDE	0894956.9755W
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	0000
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	CAC9C0D9

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+03081
FPAP ORTHOMETRIC HEIGHT	+03081

