

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> DOOR COUNTY CHERRYLAND	<u>AIRPORT ID</u> KSUE	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 2	<u>ORIGINAL/AMENDMENT</u> 1C	<u>CITY</u> STURGEON BAY	<u>STATE</u> WI	
<u>AIRPORT ELEVATION</u> 724	<u>TDZE</u> 724	<u>SUPERSEDED</u> RNAV (GPS) RWY 2	<u>ORIGINAL/AMENDMENT</u> 1B	<u>DATED</u> 04/28/2016	<u>MAG VAR</u> 3W	<u>EPOCH YEAR</u> 1995
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 10 OCTOBER 2019	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>		

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>
NENSE	IF/IAF	JUVOL		TF	FB	1.00	015.85	10.09	2400
JUVOL	FAF	RW02	MAP	TF	FO	0.30	015.89	5.07	
RW02	MAP	1013 MSL		CA			015.89		
1013 MSL		VOBUY		DF	FO	1.00			2600

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW02

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 2600 DIRECT VOBUY AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. PT **SIDE OF COURSE** **OUTBOUND** **FT WITHIN** **MILES OF (IAF)**
2. PROFILE STARTS AT NENSE
3. **FAC:** 015.89 **FAF:** JUVOL **DIST FAF TO MAP:** 5.07 **DIST FAF TO THLD:** 5.07
4. **MIN ALT:** NENSE 3500, JUVOL 2400
5. **DIST TO THLD FROM OM:** **MM:** **IM:** **150 HAT:** **289 HAT:** 0.79 **GS ANT:**
6. **MIN GP INCPT:** 2400 **GP ALT AT FAF :** JUVOL 2400 **OM:** **MM:** **IM:**
7. **GP ANGLE:** 3.00 **34:1:** IS NOT CLEAR **20:1:** IS CLEAR **TCH:** 40.0
8. **MSA FROM:** RW02 2400



PBN REQUIREMENTS NOTE:

RNP APCH.

NOTES:

CHART NOTE: RWY 2 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16°C OR ABOVE 54°C.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH ANGLES NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}). CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL AT NENSE ON V420 WESTBOUND.

ADDITIONAL FLIGHT DATA:

CHART VDP AT 1.14 NM TO RW02*
*LNAV ONLY
WAAS CHANNEL #81904
REFERENCE PATH ID: W02A
CHART FAS OBST: 859 TREE 444926N/0872502W.
HOLD N, RT, 195.96 INBOUND
LTP HAE: 183.2 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
LPV DA	1013	1	289	1013	1	289	1013	1	289	1013	1	289			
LNAV/VNAV DA	1164	1 1/2	440	1164	1 1/2	440	1164	1 1/2	440	1164	1 1/2	440			
LNAV MDA	1120	1	396	1120	1	396	1120	1 1/8	396	1120	1 1/8	396			
CIRCLING	1280	1	556	1280	1	556	1280	1 1/2	556	1280	2	556			

CHANGES - REASONS

1. ADDED CA LEG TO MISSED APPROACH SEGMENT - CURRENT ARINC REQUIREMENT.
2. INCREASED RNP VALUE FROM 0.50 TO 1.00 IN INTERMEDIATE SEGMENT - 8260.58A, TABLE 1-2-1.
3. REMOVED DME/DME RNP-0.3 AND ADDED PBN REQUIREMENTS NOTE: RNP APCH - 8260.19H, 8-6-8.
4. REMOVED FAHRENHEIT TEMPS FROM THE UNCOMPENSATED BARO-VNAV SYSTEMS NOTE AND AMENDED HIGH TEMPERATURE LIMIT FROM 46C TO 54C - FAHRENHEIT VALUES NO LONGER REQUIRED, HIGH TEMPERATURE RECOMPUTED IAW 8260.58A.
5. REMOVED ALL NOTES REFERENCING THE BACK-UP ALTIMETER SETTING - MOVED TO FORM 8260-9 FOR CONTINGENCY USE.
6. AMENDED CIRCLING CAT A MDA/HAA FROM 1160/436 TO 1280/556 - NEW CONTROLLING OBSTACLE IDENTIFIED.
7. AMENDED CIRCLING CAT B/C MDA/HAA FROM 1180/456 TO 1280/556 - NEW CONTROLLING OBSTACLE IDENTIFIED.
8. ADDED PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL AT NENSE ON V420 WESTBOUND - ENTRY ANGLE EXCEEDS 90 DEGREES.
9. AMENDED NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED TO RWY 2 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED - 8260.19H, 8-6-11K(3).
10. AMENDED CRC REMAINDER FROM 38A11D18 TO 7A3AD756 - RECOMPUTED USING CURRENT AIRNAV LTP/FTP ELLIPSOIDAL HEIGHT.
11. INCORPORATED CHANGES FROM AMDT 1A AND AMDT 1B - 8260.19H, 8-3-4C(2).



AIRPORT

DOOR COUNTY CHERRYLAND

AIRPORT ID

KSUE

PROCEDURE NAME

RNAV (GPS) RWY 2

ORIGINAL/AMENDMENT

1C

CITY

STURGEON BAY

STATE

WI

COORDINATED WITH:

A4A ☐ ALPA ☒ AOPA ☒ APA ☐ HAI ☐ NBAA ☒ OTHER: GREEN BAY APP CON, ZMP, AMGR

FLIGHT CHECKED BY

MICHAEL A GREENWOOD

Digitally signed by

CASIMIR L TABAKA

Jul 25, 2019

OFFICE

FICO

DATE

7/24/19

DEVELOPED BY

CASIMIR L. TABAKA (STEVEN WINNER)

Digitally signed by

CASIMIR L TABAKA

Jun 10, 2019

OFFICE

AJV-A422

DATE

04/10/2019

APPROVED BY

MARLON ROBINSON

Digitally signed by

CASIMIR L TABAKA

Jun 10, 2019

OFFICE

AJV-A420

DATE

TITLE

MANAGER

QUALITY
44
CHECKED

FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KSUE
RUNWAY	RW02
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W02A
LTP/FTP LATITUDE	445012.9310N
LTP/FTP LONGITUDE	0872529.1050W
LTP/FTP ELLIPSOIDAL HEIGHT	+01832
FPAP LATITUDE	445139.7700N
FPAP LONGITUDE	0872501.1200W
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	1352
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	7A3AD756

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+02199
FPAP ORTHOMETRIC HEIGHT	+02199