

**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> MERRILL MUNI	<u>AIRPORT ID</u> KRRL	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 25	<u>ORIGINAL/AMENDMENT</u> 1A	<u>CITY</u> MERRILL	<u>STATE</u> WI
<u>AIRPORT ELEVATION</u> 1318	<u>TDZE</u> 1311	<u>SUPERSEDED</u> RNAV (GPS) RWY 25	<u>ORIGINAL/AMENDMENT</u> 1	<u>DATED</u> 08/30/2007	<u>MAG VAR</u> 1W
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 10 SEPTEMBER 2020	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>	<u>EPOCH YEAR</u> 1995

**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>
AUW VOR/DME		SIPKE		TF	FB	1.00	020.69	22.06	3500
SIPKE	IAF	FOROG	NOPT	TF	FB	1.00	339.80	5.00	3500
YANUT	IAF	FOROG	NOPT	TF	FB	1.00	155.31	5.01	3500
FOROG	IF/IAF	SUTOY		TF	FB	1.00	249.77	3.50	3500
SUTOY		CEYDA		TF	FB	1.00	249.72	2.88	3000
CEYDA	FAF	PERIC/2.30 NM TO RW25		TF	FB	0.30	249.67	2.82	
PERIC/2.30 NM TO RW25		RW25	MAP	TF	FO	0.30	249.67	2.30	
RW25	MAP	1640 MSL		CA			249.67		
1640 MSL		JELUR		DF	FO	1.00			3500

**MISSED APPROACH**

**MAP:**

LPV: DA  
LNAV/VNAV: DA  
LNAV: RW25

**MISSED APPROACH INSTRUCTIONS:**

CLIMB TO 3500 DIRECT JELUR AND HOLD.

**ALTERNATE MISSED APPROACH INSTRUCTIONS:**



PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF

(IAF)

2. HOLD E FOROG, RT, 249.77 INBOUND, 3500 FT. IN LIEU OF PT (IAF), MAX 6000.

3. FAC: 249.67FAF: CEYDADIST FAF TO MAP: 5.12DIST FAF TO THLD: 5.12

4. MIN ALT: FOROG 3500, SUTOY 3500, CEYDA 3000, PERIC/2.30 NM TO RW25 2060\*

5. DIST TO THLD FROM OM:MM:IM:150 HAT:329 HAT: 0.92GS ANT:

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

7. GP ANGLE: 3.0034:1: IS NOT CLEAR20:1: IS CLEARTCH: 40.0

8. MSA FROM: RW25 3600

PBN REQUIREMENTS NOTE:

RNP APCH.

NOTES:

CHART NOTE: CIRCLING RWY 16, 34 NA AT NIGHT.  
CHART NOTE: RWY 25 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.

ADDITIONAL FLIGHT DATA:

HOLD W, RT, 069.40 INBOUND.  
CHART FAS OBST: 1449 TREE 451149N/0894159W.  
DISTANCE TO THLD FROM 329 HAT: 0.92 NM.  
CHART VDP AT 1.11 NM TO RW25\*  
\*LNAV ONLY.  
WAAS CHANNEL # 49104  
REFERENCE PATH ID: W25A  
LTP HAE: 364.9 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	1640	1 1/4	329	1640	1 1/4	329	1640	1 1/4	329		NA				
LNAV/VNAV DA	1719	1 1/2	408	1719	1 1/2	408	1719	1 1/2	408		NA				
LNAV MDA	1700	1	389	1700	1	389	1700	1	389		NA				
CIRCLING	1760	1	442	1780	1	462	1780	1 1/2	462		NA				

**CHANGES - REASONS**

1. PREVIOUS AMENDMENT INCORPORATED INTO FORMS.
2. CHANGED ALL INSTANCES OF WAUSAU (AUW) VORTAC FROM VORTAC TO VOR/DME - AMDT FOR TACR; DOES NOT QUALIFY AS PERIODIC REVIEW OF PROCEDURE.
3. DELETED ALL SECONDARY ALTIMETER SETTING NOTES - NOTES NOT REQUIRED TO BE PUBLISHED; THEY ARE LISTED ON THE 8260-9 IN REMARKS FOR CONTINGENCY PURPOSES.
4. ADDED MAX 6000 TO LINE 2 - IAW CURRENT CRITERIA.
5. ADDED 20:1 IS CLEAR TO LINE 7 - 8260.19H, 8-6-7G.
6. DELETED FAHRENHEIT VALUES FROM UNCOMPENSATED BARO-VNAV NOTE - NO LONGER REQUIRED.
7. DELETED NOTE DME/DME RNP-0.3 NA AND ADDED PBN REQUIREMENTS NOTE RNP APCH - 8260.19H, 8-6-8.
8. CHANGED CIRCLING NA AT NIGHT NOTE FROM "RWY 16-34" TO "RWY 16, 34" - 8260.19H, O.(2)(G).
9. ADDED RWY 25 HELICOPTER VISIBILITY REDUCTION RESTRICTION NOTE - 34:1 VISUAL SURFACE PENETRATIONS DOCUMENTED ON PREVIOUS FORMS.

**COORDINATED WITH:**

**A4A** ☐ **ALPA** ☒ **AOPA** ☒ **APA** ☐ **HAI** ☐ **NBAA** ☒ **OTHER:** AIRPORT MANAGER, ZMP ARTCC

**FLIGHT CHECKED BY**

PROCESSED IAW AIRCRAFT OPERATIONS GROUP (AJF-10) MEMO, APRIL 29, 2020, SUBJECT:  
FLIGHT INSPECTION REVIEW NOT REQUIRED

**OFFICE**

**DATE**

*Digitally signed by*

**DEVELOPED BY**

JOHN THORNTON

*Digitally signed by*

**JOHN R THORNTON**

**MARK D ADAMS**

Jun 16, 2020

**OFFICE**

AJV-A412

**DATE**

02/24/2020

**APPROVED BY**

JULIE MORGAN

Jun 02, 2020

*Digitally signed by*

**MARK D ADAMS**

Jun 16, 2020

**OFFICE**

AJV-A410

**DATE**

**TITLE**  
MANAGER



FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KRRL
RUNWAY	RW25
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W25A
LTP/FTP LATITUDE	451203.0680N
LTP/FTP LONGITUDE	0894224.3125W
LTP/FTP ELLIPSOIDAL HEIGHT	+03649
FPAP LATITUDE	451130.5300N
FPAP LONGITUDE	0894421.6100W
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	1192
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	0E1B0911

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+03981
FPAP ORTHOMETRIC HEIGHT	+03981

