

**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 ID</u> KRRL	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 25	<u>ORIGINAL/AMENDMENT</u> 1C	<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SUPERSEDED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> 1B	<u>DATED</u> 01/27/2022	<u>MAG VAR</u> 1W	<u>EPOCH YEAR</u> 1995
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 29 DECEMBER 2022	<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>
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 PFAF : 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 - GPS.

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:

CHART CIRLCING ICON.
HOLD W, RT, 069.40 INBOUND.
CHART FAS OBST: 1449 TREE 451149N/0894159W.
CHART VDP AT 1.11 NM TO RW25.
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	329	1640	1	329	1640	1	329		NA				
LNAV/VNAV DA	1719	1 1/8	408	1719	1 1/8	408	1719	1 1/8	408		NA				
LNAV MDA	1700	1	389	1700	1	389	1700	1 1/8	389		NA				
CIRCLING	1760	1	442	1780	1	462	1920	1 3/4	602		NA				



CHANGES - REASONS

1. INCORPORATED CHANGES FROM P-NOTAM FOR AMDT 1B INTO FORM - IAW 8260.19I, 8-3-4C(2).
2. TERMINAL ROUTES: REMOVED FEEDER ROUTE FROM AUW VOR. - AUW VOR/DME TO BE DECOMMISSIONED.
3. PROFILE LINE 4: REMOVED ASTERISK (*) FROM MIN ALT: "RWY25 2060*" IN PROFILE LINE 4 AND FROM "CHART VDP AT 1.11 NM TO RWY 25*" IN ADDITIONAL FLIGHT DATA - NO LONGER REQUIRED IAW 8260.19I 8-6-10.
4. PBN REQUIREMENTS NOTE: CHANGED "RNP APCH" TO "RNP APCH - GPS" - IAW 8260.19I, 8-6-8B(2).
5. REMOVED ""RNAV ONLY " FROM ADDITIONAL FIGHT DATA - NO LONGER REQUIRED IAW 8260.19I 8-6-10.
6. ADDED CHART CIRCLING ICON TO ADDITIONAL FLIGHT DATA - IAW 8260.19I, 8-6-10S.
7. MINIMUMS: LOWERED LPV VISIBILITY ALL CATS FROM 1 1/4 SM TO 1 SM. - IAW 8260.3E TABLE 3-3-1.
8. MINIMUMS: LOWERED RNAV/VNAV VISIBILITY ALL CATS FROM 1 1/2 SM TO 1 SM. - IAW 8260.3E, TABLE 3-3-1.
9. MINIMUMS: RAISED RNAV VISIBILITY CAT C FROM 1 SM TO 1 1/8 SM. - IAW 8260.3E TABLE, 3-3-1.

COORDINATED WITH:

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

FLIGHT CHECKED BY

PROCESSED IAW TECHNICAL SUPPORT GROUP (AJF-17) MEMO DATED 07/07/2021 GUIDANCE FOR PROCEDURAL CHANGES REQUIRING FLIGHT INSPECTION/VALIDATION

OFFICE**DATE**

Digitally signed by
CASIMIR L TABAKA
Aug 02, 2022

DEVELOPED BY

CASIMIR L. TABAKA (SILVIA YOUNG)

Digitally signed by
CASIMIR L TABAKA

Aug 02, 2022

OFFICE

AJV-A432

DATE

07/27/2022

APPROVED BY

JOHNNIE BAKER

Digitally signed by
CASIMIR L TABAKA
Aug 02, 2022

OFFICE

AJV-A430

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

