

**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 7	<u>ORIGINAL/AMENDMENT</u> 1B	<u>CITY</u> MERRILL	<u>STATE</u> WI	
<u>AIRPORT ELEVATION</u> 1318	<u>TDZE</u> 1318	<u>SUPERSEDED</u> RNAV (GPS) RWY 7	<u>ORIGINAL/AMENDMENT</u> 1A	<u>DATED</u> 01/31/2019	<u>MAG VAR</u> 1W	<u>EPOCH YEAR</u> 1995
<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>		

**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		KEYBE		TF	FB	1.00	310.90	18.99	3600
KEYBE	IAF	JELUR	NOPT	TF	FB	1.00	339.43	5.00	3500
LACIY	IAF	JELUR	NOPT	TF	FB	1.00	116.84	4.80	3500
JELUR	IF/IAF	GEKPE		TF	FB	1.00	069.40	6.20	3000
GEKPE	FAF	ZUMBO/2.10 NM TO RW07		TF	FB	0.30	069.49	2.98	
ZUMBO/2.10 NM TO RW07		RW07	MAP	TF	FO	0.30	069.49	2.10	
RW07	MAP	1635 MSL		CA			069.49		
1635 MSL		FOROG		DF	FO	1.00			3500

**MISSED APPROACH**

**MAP:**

LPV: DA  
LNAV/VNAV: DA  
LNAV: RW07

**MISSED APPROACH INSTRUCTIONS:**

CLIMB TO 3500 DIRECT FOROG AND HOLD.

**ALTERNATE MISSED APPROACH INSTRUCTIONS:**



PROFILE:

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

2. HOLD W JELUR, RT, 069.40 INBOUND, 3500 FT. IN LIEU OF PT (IAF), MAX 6000.

3. FAC:    069.49                      FAF: GEKPE                      DIST FAF TO MAP: 5.08                      DIST FAF TO THLD: 5.08

4. MIN ALT:    JELUR 3500, GEKPE 3000, ZUMBO/2.10 NM TO RW07 2020\*

5. DIST TO THLD FROM OM:                      MM:                      IM:                      150 HAT:                      317 HAT: 0.87                      GS ANT:

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

7. GP ANGLE:    3.00                      34:1: IS NOT CLEAR                      20:1: IS CLEAR                      TCH:    40.0

8. MSA FROM:    RW07 3600

PBN REQUIREMENTS NOTE:

RNP APCH.

NOTES:

CHART NOTE: CIRCLING RWY 16, 34 NA AT NIGHT.  
CHART NOTE: RWY 7 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 AUW VOR/DME ON AIRWAY RADIALS 271 CW 005.

ADDITIONAL FLIGHT DATA:

HOLD E, RT, 249.77 INBOUND.  
CHART FAS OBST: 1449 TREE 451118N/0894451W.  
CHART VDP AT 1.07 NM TO RW07\*  
\*LNAV ONLY.  
WAAS CHANNEL # 70604  
REFERENCE PATH ID: W07A  
LTP HAE: 368.6 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	1635	1 1/4	317	1635	1 1/4	317	1635	1 1/4	317		NA				
LNAV/VNAV DA	1754	1 1/2	436	1754	1 1/2	436	1754	1 1/2	436		NA				
LNAV MDA	1700	1	382	1700	1	382	1700	1	382		NA				
CIRCLING	1760	1	442	1780	1	462	1780	1 1/2	462		NA				

**CHANGES - REASONS**

1. P-NOTAM FDC 8/3780 AMDT 1A CHANGES 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. CHANGED TERMINAL ROUTE ALTITUDE FROM AUW VOR/DME TO KEYBE 3500 TO 3600 - CORRECT DOCUMENTATION ERROR; SAME CONTROLLING OBSTACLE.
4. CHANGED TERMINAL ROUTE DISTANCES FROM GEKPE TO ZUMBO FROM 3.12 TO 2.98 AND FROM ZUMBO TO RW07 FROM 1.98 TO 2.10 - CORRECT DOCUMENTATION ERROR; GROUND TRACK DID NOT CHANGE.
5. DELETED ALL SECONDARY ALTIMETER SETTING NOTES - NOTES NOT REQUIRED TO BE PUBLISHED; THEY ARE LISTED ON THE 8260-9 IN REMARKS FOR CONTINGENCY PURPOSES.

**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	RW07
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W07A
LTP/FTP LATITUDE	451144.6795N
LTP/FTP LONGITUDE	0894330.6095W
LTP/FTP ELLIPSOIDAL HEIGHT	+03686
FPAP LATITUDE	451217.2100N
FPAP LONGITUDE	0894133.3000W
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	03AD7887

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+04018
FPAP ORTHOMETRIC HEIGHT	+04018

