

**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> KRNC	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 5	<u>ORIGINAL/AMENDMENT</u> ORIG	<u>CITY</u> MC MINNVILLE	<u>STATE</u> TN		
<u>AIRPORT ELEVATION</u> 1032	<u>TDZE</u> 1032	<u>SUPERSEDED</u>	<u>ORIGINAL/AMENDMENT</u> NONE	<u>DATED</u>	<u>MAG VAR</u> 2W	<u>EPOCH YEAR</u> 1995
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 3 NOVEMBER 2022	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>		

TAA

FROM	FIX TYPE	TO	FIX TYPE	ALTITUDE
1. 322/30 CW 142/30	NOPT	322/5 CW 142/5		4400
2. 322/5 CW 142/5		ZOVRI	IF/IAF	3900
3. 142/30 CW 322/30		142/5 CW 322/5		4600
4. 142/5 CW 322/5		ZOVRI	IF/IAF	3900

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
ZOVRI	IF/IAF	DUHAY		TF	FB	1.00	052.46	5.76	2800
DUHAY	FAF	RW05	MAP	TF	FO	0.30	052.52	4.66	
RW05	MAP	1432 MSL		CA			052.52		
1432 MSL		WILGU		DF	FO	1.00			3900

MISSED APPROACH

MAP:

LP: RW05
LNAV: RW05

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 3900 DIRECT WILGU AND HOLD, CONTINUE CLIMB-IN-HOLD TO 3900.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

QUALITY
16
CHECKED

PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF

(IAF)

2. HOLD SW ZOVRI, RT, 052.46 INBOUND, 3900 FT. IN LIEU OF PT (IAF), MAX 6000.

3. FAF: 052.52FAF: DUHAYDIST FAF TO MAP: 4.66DIST FAF TO THLD: 4.66

4. MIN ALT: ZOVRI 3900, DUHAY 2800

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

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

7. GP ANGLE:34:1: IS NOT CLEAR20:1: IS NOT CLEARTCH:

8. MSA FROM:

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: RWY 5 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.
CHART NOTE: STRAIGHT-IN RWY 05 NA AT NIGHT, CIRCLING RWY 05 NA AT NIGHT.

ADDITIONAL FLIGHT DATA:

DUHAY TO RW05: 3.50/35.
HOLD NE, RT, 232.67 INBOUND.
CHART FAS OBST: 1264 TREE 354151N/0855132W.
FAS OBST: 1240 AAO 353930N/0855438W.
WAAS CHANNEL # 81844
REFERENCE PATH ID: W05A
CHART CIRCLING ICON.
LTP HAE: 285.6 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
LP MDA	1500	1	468	1500	1	468	1500	1 3/8	468	1500	1 3/8	468			
LNAV MDA	1520	1	488	1520	1	488	1520	1 3/8	488	1520	1 3/8	488			
CIRCLING	1600	1	568	1600	1	568	1600	1 1/2	568	1620	2	588			

CHANGES - REASONS

ORIGINAL PROCEDURE - FPT REQUEST.



AIRPORT ID
KRNC

PROCEDURE NAME
RNAV (GPS) RWY 5

ORIGINAL/AMENDMENT
ORIG

CITY
MC MINNVILLE

STATE
TN

COORDINATED WITH:

A4A ☐ ALPA ☒ AOPA ☒ APA ☐ HAI ☐ NBAA ☒ OTHER: ZME, AMGR

Digitally signed by

FLIGHT CHECKED BY

MICHAEL W PENDERGRASS

ALLAN WILL

Aug 19, 2022

OFFICE

FPO

DATE

07/27/2022

DEVELOPED BY

Digitally signed by

MICHAEL R. GARRITY JR. **MICHAEL GARRITY**

May 19, 2022

OFFICE

AJV-A423

DATE

04/25/2022

APPROVED BY

MARLON ROBINSON

Digitally signed by

ALLAN WILL

Aug 19, 2022

OFFICE

AJV-A420

DATE

TITLE
MANAGER

QUALITY
16
CHECKED

FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KRNC
RUNWAY	RW05
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W05A
LTP/FTP LATITUDE	354139.6140N
LTP/FTP LONGITUDE	0855101.1605W
LTP/FTP ELLIPSOIDAL HEIGHT	+02856
FPAP LATITUDE	354236.2930N
FPAP LONGITUDE	0854936.6645W
THRESHOLD CROSSING HEIGHT (TCH)	00034.6
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.50
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1224
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	0.0
CRC REMAINDER	C0275CD3

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+03145
FPAP ORTHOMETRIC HEIGHT	+03145

