

**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> KSBN	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 27R	<u>ORIGINAL/AMENDMENT</u> 1A	<u>CITY</u> SOUTH BEND	<u>STATE</u> IN		
<u>AIRPORT ELEVATION</u> 798	<u>TDZE</u> 788	<u>SUPERSEDED</u> RNAV (GPS) RWY 27R	<u>ORIGINAL/AMENDMENT</u> 1	<u>DATED</u> 09/13/2018	<u>MAG VAR</u> 5W	<u>EPOCH YEAR</u> 2025
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u>	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>		

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
JJANN INT	IAF	PAWFX		TF	FB	1.00	198.95	15.88	2500
GSH VORTAC	IAF	PAWFX		TF	FB	1.00	355.86	11.70	2500
PAWFX	IF	COIRO		TF	FB	1.00	273.95	6.00	2400
COIRO	FAF	TROLR/2.50 NM TO RW27R		TF	FB	0.30	273.86	2.45	
TROLR/2.50 NM TO RW27R		RW27R	MAP	TF	FO	0.30	273.86	2.50	
RW27R	MAP	1140 MSL		CA			273.86		
1140 MSL		WASIK		DF	FO	1.00			2400

MISSED APPROACH

MAP:

LP: RW27R
LNAV: RW27R

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 2400 DIRECT WASIK AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



CHANGES - REASONS

1. UPDATED AIRPORT MAGVAR FROM 03W TO 05W.
2. UPDATED PBN/EQUIPMENT REQUIREMENT NOTES FROM RNP APCH TO RNP APCH - GPS - 8260.19I 8-6-8.
3. UPDATED INITIAL FROM JJANN INT TO PAWFX FROM 196.95 TO 198.95 - MAGVAR.
4. UPDATED INITIAL FROM GSH VORTAC TO PAWFX FROM 353.86 TO 355.86 - MAGVAR.
5. UPDATED INTERMEDIATE FROM PAWFX TO COIRO FROM 271.95 TO 273.95 - MAGVAR.
6. UPDATED FINAL LP FROM COIRO TO TROLR/2.50 NM TO RW27R AND LP FROM 271.86 TO 273.86 - MAGVAR.
7. UPDATED FINAL LNAV AND LNAV STEPDOWN FROM 271.86 TO 273.86 - MAGVAR.
8. UPDATED FAC FROM 271.86 TO 273.86 - MAGVAR.
9. UPDATED MISSED HOLDING CRS INBOUND FROM 091.63 TO 093.63 - MAGVAR.
10. LTP LAT/LONG UPDATED FROM 414251.0945N/0861846.9225W TO 414251.0945N/0861846.9220W - UPDATED SURVEY DATA.
11. LTP ELLIPSOIDAL HEIGHT FROM 02041 TO 02040 - UPDATED SURVEY DATA.
12. CRC REMAINDER UPDATED FROM 9FE4C4EB TO AF005C79 - UPDATED SURVEY DATA.
13. UPDATED LTP LAT/LONG FROM 414217.3215N/0861755.0285W TO 414251.0945N/0861846.9220W - NEW SURVEY DATA.
14. LTP ELLIPSOIDAL HEIGHT UPDATED FROM 02006 TO 02040 - NEW SURVEY DATA.

COORDINATED WITH:

6/6/22 THIS IS A CORRECTED COPY OF THE FORM DEVELOPED ON 3/25/22:

1. MISSED APPROACH: RW27R TO 1140 MSL CA LEG COURSE UPDATED FROM 271.86 TO 273.86.

TITLE
MANAGER

A4A **ALPA** **AOPA** **APA** **HAI** **NBAA** **OTHER:** ZAU ARTCC, SBN ATCT, AMGR

FLIGHT CHECKED BY
JAMES ONIEAL

Digitally signed by
CASIMIR L TABAKA
Jun 07, 2022

OFFICE
FPO **DATE**
04/20/2022

DEVELOPED BY CASEY HILL

Digitally signed by
CASEY D HILL
Jun 06, 2022

OFFICE
AJV-A432 **DATE**
12/21/2021

APPROVED BY LONNIE
EVERHART

Digitally signed by
CASIMIR L TABAKA
Jun 07, 2022

OFFICE
AJV-A430 **DATE**



FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KSBN
RUNWAY	RW27R
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W27B
LTP/FTP LATITUDE	414251.0945N
LTP/FTP LONGITUDE	0861846.9220W
LTP/FTP ELLIPSOIDAL HEIGHT	+02040
FPAP LATITUDE	414249.1955N
FPAP LONGITUDE	0862045.8655W
THRESHOLD CROSSING HEIGHT (TCH)	00042.6
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1440
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	0.0
CRC REMAINDER	AF005C79

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+02378
FPAP ORTHOMETRIC HEIGHT	+02378

