

**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 18	<u>ORIGINAL/AMENDMENT</u> 1E	<u>CITY</u> SOUTH BEND	<u>STATE</u> IN		
<u>AIRPORT ELEVATION</u> 798	<u>TDZE</u> 798	<u>SUPERSEDED</u> RNAV (GPS) RWY 18	<u>ORIGINAL/AMENDMENT</u> 1D	<u>DATED</u> 09/07/2023	<u>MAG VAR</u> 5W	<u>EPOCH YEAR</u> 2025
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 28 DECEMBER 2023	<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	IAF	LASEA		TF	FB	1.00	273.79	15.34	2500
MAPER	IAF	LASEA		TF	FB	1.00	106.00	18.64	2500
LASEA	IF	TYLRR		TF	FB	1.00	183.71	10.13	2400
TYLRR	FAF	RW18	MAP	TF	FO	0.30	183.75	4.87	
RW18	MAP	1048 MSL		CA			183.75		
1048 MSL		DRNAA		DF	FO	1.00			2400

MISSED APPROACH

MAP:
 LPV: DA
 LNAV/VNAV: DA
 LNAV: RW18

MISSED APPROACH INSTRUCTIONS:
 CLIMB TO 2400 DIRECT DRNAA AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



CHANGES - REASONS

1. INCORPORATED P-NOTAMS FROM AMDT A1C INTO FORM - IAW 8260.19I, 8-3-4.C(3).
2. CHANGED PLANVIEW NOTE FROM "PROCEDURE NA FOR ARRIVALS AT JJANN ON V156 NORTHEAST BOUND AND ON V277 SOUTHEAST BOUND" TO "PROCEDURE NA FOR ARRIVALS AT JJANN ON V277 SOUTHEAST BOUND" - V156 NO LONGER PUBLISHED.
3. MINIMUMS: LOWERED LPV AND LNAV/VNAV VISIBILITIES FROM "1 SM" TO "3/4 SM" - 8260.3E TABLE 3-3-1 APPLIED.

COORDINATED WITH:

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

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

DEVELOPED BY

CASIMIR L. TABAKA (ROBERT A. SWINSON)

Digitally signed by
CASIMIR L TABAKA

Nov 02, 2023

OFFICE

AJV-A432

DATE
07/19/2023

APPROVED BY

CASIMIR TABAKA

Digitally signed by
CASIMIR L TABAKA

Nov 02, 2023

OFFICE

AJV-A432

DATE

TITLE
MANAGER

Nov 02, 2023



FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KSBN
RUNWAY	RW18
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W18A
LTP/FTP LATITUDE	414307.5145N
LTP/FTP LONGITUDE	0861909.8250W
LTP/FTP ELLIPSOIDAL HEIGHT	+02096
FPAP LATITUDE	414138.3800N
FPAP LONGITUDE	0861907.2300W
THRESHOLD CROSSING HEIGHT (TCH)	00050.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0584
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	6B0A59A5

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+02434
FPAP ORTHOMETRIC HEIGHT	+02434