

**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.

AIRPORT ID SBN	PROCEDURE NAME RNAV (GPS) RWY 27L	ORIGINAL/AMENDMENT ORIG-E	CITY SOUTH BEND	STATE IN
AIRPORT ELEVATION 798	TDZE 774	SUPERSEDED RNAV (GPS) RWY 27L	DATED 09/07/2023	MAG VAR 5W
FACILITY RNAV	COORDINATES OF FACILITIES	ACTUAL EFFECTIVE DATE 12 JUNE 2025	REQUIRED EFFECTIVE DATE ROUTINE	EPOCH YEAR 2025
			CANCEL/SUSPEND	

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
JJANN		NACIB		TF	FB	1.00	201.81	11.46	3000
NACIB	IAF	ISUYO	NOPT	TF	FB	1.00	183.96	5.00	2400
ISUYO	IF/IAF	GOCEY		TF	FB	1.00	273.96	6.03	2400
GOCEY	FAF	RW27L	MAP	TF	FO	0.30	273.87	4.88	
RW27L	MAP	1030 MSL		CA			273.87		
1030 MSL		TOKOC		DF	FO	1.00			2600

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW27L

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 2600 DIRECT TOKOC AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- HOLD E ISUYO, RT, 273.96 INBOUND, 2400 FT. IN LIEU OF PT (IAF), MAX 6000.
- FAC: 273.87 FAF: GOCEY DIST FAF TO MAP: 4.88 DIST FAF TO THLD: 4.88
- MIN ALT: ISUYO 2400, GOCEY 2400
- DIST TO THLD FROM OM: MM: IM: 150 HAT: 256 HAT: 0.65 GS ANT:
- MIN GP INCPT: 2400 GP ALT AT PFAF: GOCEY 2400 OM: MM: IM:
- GP ANGLE: 3.00 34:1: IS CLEAR 20:1: IS CLEAR TCH: 52.9
- MSA FROM: RW27L 3000



PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -19°C OR ABOVE 54°C.
 CHART NOTE: CIRCLING TO RWY 27R NA AT NIGHT.
 CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT JJANN ON V277 NORTHWEST BOUND.
 CHART NOTE: FOR INOPERATIVE ALS, INCREASE LNAV CAT C/D VISIBILITY TO 1 3/8 SM.

ADDITIONAL FLIGHT DATA:

HOLD W, RT, 093.61 INBOUND.
 FAS OBST: 975 AAO 414306N/0861224W.
 CHART VDP AT 1.38 NM TO RW27L.
 WAAS CHANNEL # 50108
 REFERENCE PATH ID: W27A
 CHART CIRCLING ICON.
 LTP HAE: 200.6 M

MINIMUMS:

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT

ALTERNATE: NA STANDARD - CAT D 800-2 1/4

CATEGORY:	A			B			C			D			E		
FINAL TYPE	DA/MDA	VIS	HAT/HAA												
LPV DA	1030	2400	256	1030	2400	256	1030	2400	256	1030	2400	256			
LNAV/VNAV DA	1160	4000	386	1160	4000	386	1160	4000	386	1160	4000	386			
LNAV MDA	1260	2400	486	1260	2400	486	1260	5000	486	1260	5000	486			
CIRCLING	1280	1	482	1280	1	482	1440	1 3/4	642	1520	2 1/4	722			

CHANGES - REASONS

1. REMOVED INTIAL ROUTE GSH VORTAC TO ISUYO - GSH VORTAC/VOR MON.
2. REMOVED CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON GSH VORTAC AIRWAY RADIALS 270 CW 060 - GSH VORTAC/VOR MON.
3. CHANGED "CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT JJANN ON V277 NORTHWEST BOUND AND ON V156 NORTHEAST BOUND." TO READ "CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT JJANN ON V277 NORTHWEST BOUND." - GSH VORTAC/VOR MON.
4. CHANGED ADDITIONAL FLIGHT DATA "CHART 973 TOWER 414256N/0861136W" TO ""994 AAO 414324N/0861124W" " AND MOVED TO GENERAL REMARKS - .19J 8-6-11.E.
5. CHANGED ADDITIONAL FLIGHT DATA FAS OBS FROM "CHART FAS OBST: 963 BLDG (18-040246) 414208N/0861423W" TO "FAS OBST 975 AAO 414306N/0861224W" - NEW FAS OBS.
6. ADDED ALPA TO COORDINATED WITH SECTION - PUBLIC/CIVILIAN PROCEDURE.



AIRPORT ID
SBN

PROCEDURE NAME
RNAV (GPS) RWY 27L

ORIGINAL/AMENDMENT
ORIG-E

CITY
SOUTH BEND

STATE
IN

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

ROBERT G HAMILTON

Digitally signed by

ROBERT G HAMILTON

Apr 02, 2025

OFFICE

DATE

AJV-A433

DEVELOPED BY

PHILLIP SMART

APPROVED BY

ROBERT G HAMILTON

Digitally signed by

ROBERT G HAMILTON

Apr 02, 2025

OFFICE

DATE

AJV-A433

TITLE

MANAGER

FAS DATA BLOCK INFORMATION

DATA FIELD

OPERATION TYPE
SBAS SERVICE PROVIDER IDENTIFIER
AIRPORT IDENTIFIER
RUNWAY
APPROACH PERFORMANCE DESIGNATOR
ROUTE INDICATOR
REFERENCE PATH DATA SELECTOR
REFERENCE PATH IDENTIFIER (APPROACH ID)
LTP/FTP LATITUDE
LTP/FTP LONGITUDE
LTP/FTP ELLIPSOIDAL HEIGHT
FPAP LATITUDE
FPAP LONGITUDE
THRESHOLD CROSSING HEIGHT (TCH)
TCH UNITS SELECTOR (METERS OR FEET USED)
GLIDEPATH ANGLE (GPA)
COURSE WIDTH AT THRESHOLD
LENGTH OFFSET
HORIZONTAL ALERT LIMIT (HAL)
VERTICAL ALERT LIMIT (VAL)

DATA

0
0
KSBN
RW27L
0
0
W27A
414217.3215N
0861755.0285W
+02006
414215.5600N
0861946.0600W
00052.9
F
03.00
106.75
0184
40.0
50.0

CRC REMAINDER

8C1F6C5E

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE
LTP ORTHOMETRIC HEIGHT
FPAP ORTHOMETRIC HEIGHT

K5
+02344
+02344

