

**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> SBN	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 36	<u>ORIGINAL/AMENDMENT</u> 1E	<u>CITY</u> SOUTH BEND	<u>STATE</u> IN
<u>AIRPORT ELEVATION</u> 798	<u>TDZE</u> 778	<u>SUPERSEDED</u> RNAV (GPS) RWY 36	<u>DATED</u> 05/16/2024	<u>MAG VAR</u> 5W
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 12 JUNE 2025	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>EPOCH YEAR</u> 2025
			<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>
NOMES	IAF	DRNAA		TF	FB	1.00	089.72	8.47	2400
DRNAA	IF	ETHNL		TF	FB	1.00	003.75	6.12	2000
ETHNL	FAF	RW36	MAP	TF	FO	0.30	003.75	3.70	
RW36	MAP	1051 MSL		CA			003.75		
1051 MSL		LASEA		DF	FO	1.00			2400

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW36

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 2400 DIRECT LASEA AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. **PT** **SIDE OF COURSE** **OUTBOUND** **FT WITHIN** **MILES OF (IAF)**
2. PROFILE STARTS AT DRNAA
3. **FAC:** 003.75 **FAF:** ETHNL **DIST FAF TO MAP:** 3.70 **DIST FAF TO THLD:** 3.70
4. **MIN ALT:** DRNAA 2400, ETHNL 2000
5. **DIST TO THLD FROM OM:** **MM:** **IM:** **150 HAT:** **273 HAT:** 0.75 **GS ANT:**
6. **MIN GP INCPT:** 2000 **GP ALT AT PFAF:** ETHNL 2000 **OM:** **MM:** **IM:**
7. **GP ANGLE:** 3.00 **34:1:** IS NOT CLEAR **20:1:** IS CLEAR **TCH:** 50.0
8. **MSA FROM:** RW36 3000



PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: CIRCLING RWY 27R NA AT NIGHT.
 CHART NOTE: RWY 36 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
 CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -22°C OR ABOVE 54°C.

ADDITIONAL FLIGHT DATA:

HOLD N, RT, 183.73 INBOUND.
 CHART FAS OBST: 961 ANTENNA (18-067910) 414153N/0861833W.
 CHART VDP AT 1.46 NM TO RW36.
 WAAS CHANNEL # 69514
 REFERENCE PATH ID: W36A
 CHART CIRCLING ICON.
 LTP HAE: 197.7 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	1051	7/8	273	1051	7/8	273	1051	7/8	273	1051	7/8	273			
LNAV/VNAV DA	1230	1 3/8	452	1230	1 3/8	452	1230	1 3/8	452	1230	1 3/8	452			
LNAV MDA	1280	1	502	1280	1	502	1280	1 3/8	502	1280	1 3/8	502			
CIRCLING	1280	1	482	1280	1	482	1440	1 3/4	642	1520	2 1/4	722			

CHANGES - REASONS

1. REMOVED INTIAL ROUTE FROM GSH VORTAC TO FIX DRNAA - GSH VORTAC/ VOR MON.
2. REMOVED CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON GSH VORTAC AIRWAY RADIALS 270 CW 318 - GSH VORTAC/ VOR MON.
3. ADDED PROFILE LINE 4 MIN ALT: DRNAA 2400 - PER .19J



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

DEVELOPED BY

PHILLIP SMART

Digitally signed by

ROBERT G HAMILTON

Apr 02, 2025

OFFICE

AJV-A433

DATE

12/12/2024

Apr 02, 2025

APPROVED BY

ROBERT G HAMILTON

Digitally signed by

ROBERT G HAMILTON

Apr 02, 2025

OFFICE

AJV-A433

DATE

TITLE
MANAGER

FAS DATA BLOCK INFORMATION

DATA FIELD

DATA

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)

0
0
KSBN
RW36
0
0
W36A
414157.3800N
0861907.7730W
+01977
414326.5000N
0861910.3805W
00050.0
F
03.00
106.75
0584
40.0
50.0

CRC REMAINDER

79ABE225

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE
LTP ORTHOMETRIC HEIGHT
FPAP ORTHOMETRIC HEIGHT

K5
+02315
+02315

