

**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
ILS STANDARD INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.29**

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> ILS OR LOC RWY 9R	<u>ORIGINAL/AMENDMENT</u> 10C	<u>CITY</u> SOUTH BEND	<u>STATE</u> IN		
<u>AIRPORT ELEVATION</u> 798	<u>TDZE</u> 790	<u>SUPERSEDED</u> ILS OR LOC RWY 9R	<u>ORIGINAL/AMENDMENT</u> 10B	<u>DATED</u> 07/14/2022	<u>MAG VAR</u> 5W	<u>EPOCH YEAR</u> 2025
<u>FACILITY</u> I-UXW	<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
MISHA LOM		KNUTE OM/INT					273.87	10.30	2600
PRAIR INT	IF	KNUTE OM/INT					093.79	5.90 (I-UXW)	2600

MISSED APPROACH

MAP:

ILS: DA
LOC: 5.34 NM AFTER KNUTE INT

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 3000 DIRECT MISHA LOM AND HOLD, CONTINUE CLIMB-IN-HOLD TO 3000.

ALTERNATE MISSED APPROACH INSTRUCTIONS (DO NOT CHART):

CLIMB TO 2300 THEN CLIMBING LEFT TURN TO 2600 DIRECT GIJ VORTAC AND HOLD, CONTINUE CLIMB-IN-HOLD TO 2600.

PROFILE:

1. PT L **SIDE OF COURSE** 273.79 **OUTBOUND** 2600 **FT WITHIN** 10 **MILES OF** KNUTE OM/INT (IAF)
- 2.
3. **FAC:** 093.79 **FAF:** KNUTE OM/INT **DIST FAF TO MAP:** 5.34 **DIST FAF TO THLD:** 5.34
4. **MIN ALT:** PRAIR INT 2600, KNUTE OM/INT 2600
5. **DIST TO THLD FROM OM:** 5.34 **MM:** **IM:** **150 HAT:** **GS ANT:** 1150
6. **MIN GS INCPT:** 2600 **GS ALT AT PFAF:** **OM:** 2570 **MM:** **IM:**
7. **GS ANGLE:** 3.00 **34:1:** **20:1:** **TCH:** 54.8
8. **MSA FROM:** SB NDB 3000

EQUIPMENT REQUIREMENTS NOTE:

ADF REQUIRED.



NOTES:

CHART NOTE: RWY 9R HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
 CHART NOTE: FOR INOPERATIVE ALS, INCREASE S-ILS 09R VISIBILITY ALL CATS TO RVR 5500, INCREASE S-LOC 09R CATS C/D VISIBILITY TO RVR 6000.
 CHART NOTE: CIRCLING RWY 27R NA AT NIGHT.

ADDITIONAL FLIGHT DATA:

HOLD E, RT, 273.81 INBOUND.
 CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD N GIJ VORTAC, LT, 180.87 INBOUND.
 CHART FAS OBST: 944 TREE (18-068012) 414212N/0862121W.
 CHART 1019 INDUSTRIAL_SYSTEM 414155N/0862749W.
 CHART IN PLANVIEW: GIJ VORTAC.
 CHART CIRCLING ICON.

MINIMUMS:

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

ALTERNATE: NA ILS: STANDARD - NA WHEN CONTROL TOWER CLOSED.; LOC: STANDARD - CAT D 800-2 1/4, NA WHEN CONTROL TOWER CLOSED.

CATEGORY:	A			B			C			D			E		
	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
S-ILS 09R	1135	4000	345	1135	4000	345	1135	4000	345	1135	4000	345			
S-LOC 09R	1200	4000	410	1200	4000	410	1200	5000	410	1200	5000	410			
CIRCLING	1280	1	482	1280	1	482	1440	1 3/4	642	1500	2 1/4	702			

CHANGES - REASONS

1. TERMINAL ROUTES: REMOVED STYLE INT FEEDER - PER AIR TRAFFIC/IFP CHECKLIST REQUEST.
2. TERMINAL ROUTES: REMOVED MCITY INT AND OXI VOR/DME INITIALS - PER AIR TRAFFIC/IFP CHECKLIST REQUEST.
3. CHANGED PRIMARY MISSED APPROACH INSTRUCTIONS FROM "CLIMB TO 2600 DIRECT MISHA LOM/INT AND HOLD" TO "CLIMB TO 3000 DIRECT MISHA LOM/INT AND HOLD, CONTINUE CLIMB-IN-HOLD TO 3000" - AIRCRAFT ALTITUDE AT CLEARANCE LIMIT LESS THAN MISSED APPROACH ALTITUDE.
4. CHANGED ALTERNATE MISSED APPROACH INSTRUCTIONS FROM "CLIMB TO 2300 THEN CLIMBING LEFT TURN TO 2600 DIRECT GIJ VORTAC AND HOLD" TO "CLIMB TO 2300 THEN CLIMBING LEFT TURN TO 2600 DIRECT GIJ VORTAC AND HOLD, CONTINUE CLIMB-IN-HOLD TO 2600" - AIRCRAFT ALTITUDE AT CLEARANCE LIMIT LESS THAN ALTERNATE MISSED APPROACH ALTITUDE.
5. REMOVED CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON OXI VOR/DME AIRWAY RADIALS 029 CW 066 - OXI VOR/DME INITIAL REMOVED FROM PROCEDURE PER AIR TRAFFIC/IFP CHECKLIST REQUEST.
6. ADDED CHART NOTE: "CIRCLING RWY 27R NA AT NIGHT" - PENETRATIONS EXIST.
7. ADDED CHART NOTE: "FOR INOPERATIVE ALS, INCREASE S-ILS 09R VISIBILITY ALL CATS TO RVR 5500, INCREASE S-LOC 09R CATS C/D VISIBILITY TO RVR 6000" - PER UPDATED 8260.3E VIS TABLES.
8. CHANGED FROM "FAS OBST: 939 AAO 414242N/0862633W" TO "CHART FAS OBST: 944 TREE (18-068012) 414212N/0862121W" - NEW CONTROLLING OBSTACLE.
9. CHANGED S-ILS 09R ALL CATS DA/HAT FROM 990/200 TO 1135/345 - NEW CONTROLLING OBSTACLE, INCORPORATED NOTAM FDC 2/1582.

12/14/22: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 10/06/22.
 8260-2: ADDED KNUTE OM AMEDEMMENT 6 TO UPDATE I-UXW TO CURRENT MAG BRG.



COORDINATED WITH:

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

FLIGHT CHECKED BY

JAMES HAWLEY

Digitally signed by

CASIMIR L TABAKA

Mar 02, 2023

OFFICE

FPO

DATE

03/01/2023

DEVELOPED BY

CASIMIR L. TABAKA (SILVIA YOUNG)

Digitally signed by

CASIMIR L TABAKA

Dec 13, 2022

OFFICE

AJV-A432

DATE

10/06/2022

APPROVED BY

CASIMIR TABAKA

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CASIMIR L TABAKA

Dec 13, 2022

OFFICE

AJV-A432

DATE

TITLE
MANAGER

