

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> IND	<u>PROCEDURE NAME</u> ILS OR LOC RWY 23L ILS RWY 23L (SA CAT II)	<u>ORIGINAL/AMENDMENT</u> 8	<u>CITY</u> INDIANAPOLIS	<u>STATE</u> IN
<u>AIRPORT ELEVATION</u> 796	<u>TDZE</u> 790	<u>SUPERSEDED</u> ILS OR LOC RWY 23L	<u>ORIGINAL/AMENDMENT</u> 7	<u>DATED</u> 11/10/2016
<u>FACILITY</u> I-FVJ	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 25 JANUARY 2024	<u>REQUIRED EFFECTIVE DATE</u> 01/25/2024	<u>MAG VAR</u> 5W <u>EPOCH YEAR</u> 2015 <u>CANCEL/SUSPEND</u>

<b>TERMINAL ROUTES</b> <span>THIS IS A CORRECTED COPY OF A PROCEDURE ORIGINALLY PUBLISHED IN TL 24-02.</span>									
<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>
CLANG INT/VHP 24.63 DME	IAF	LLARY INT/I-FVJ 12.89 DME/RADAR					184.81 & 229.57	0.31 & 11.64 (I-FVJ)	5000
LLARY INT/I-FVJ 12.89 DME/RADAR	IAF	BBIRD INT/I-FVJ 9.75 DME/RADAR					229.57	3.14 (I-FVJ)	4000
BBIRD INT/I-FVJ 9.75 DME/RADAR	IF	PACRR INT/I-FVJ 5.35 DME/RADAR					229.57	4.40 (I-FVJ)	2600

**MISSED APPROACH**

**MAP:**  
ILS: DA  
LOC: 5.52 NM AFTER PACRR INT/I-FVJ 5.35 DME/RADAR OR AT I-FVJ /0.17 DME

**MISSED APPROACH INSTRUCTIONS:**

CLIMB TO 1500 THEN CLIMBING LEFT TURN TO 3000 ON HEADING 100.00 AND ON VHP VORTAC R-136 TO OZMOE INT/VHP 20.08 DME AND HOLD.



**ALTERNATE MISSED APPROACH INSTRUCTIONS (DO NOT CHART):**

CLIMB TO 1500 THEN CLIMBING LEFT TURN TO 3000 ON HEADING 105.00 AND ON SHB VOR/DME R-251 TO OZMOE/SHB 12.12 DME AND HOLD. (DME REQUIRED).

**PROFILE:**

1. PT
- SIDE OF COURSE
- OUTBOUND
- FT WITHIN
- MILES OF (IAF)
2. PROFILE STARTS AT LLARY INT/I-FVJ 12.89 DME/RADAR
3. FAC: 229.57 FAF: PACRR INT/I-FVJ 5.35 DME/RADAR DIST FAF TO MAP: 5.52 DIST FAF TO THLD: 5.52
4. MIN ALT: LLARY INT/I-FVJ 12.89 DME/RADAR 5000, BBIRD INT/I-FVJ 9.75 DME/RADAR 4000, PACRR INT/I-FVJ 5.35 DME/RADAR 2600
5. DIST TO THLD FROM OM: MM: IM: 100 HAT: 859 150 HAT: GS ANT: 1033
6. MIN GS INCPT: 2600 GS ALT AT FAF: PACRR INT/I-FVJ 5.35 DME/RADAR 2600 OM: MM: IM:
7. GS ANGLE: 3.00 34:1 20:1 TCH: 55.0
8. MSA FROM: VHP VORTAC 3100



**NOTES:**

SA CAT II ILS - SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED; S-ILS 23L: CAT A, B, C, D, RA 105, RVR 1200, HAT 100, DA 890 MSL.

CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED.  
CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).  
CHART NOTE: \* RVR 1800 AUTHORIZED WITH USE OF FD OR AP OR HUD TO DA.  
SA CAT II CHART NOTE: REQUIRES SPECIFIC OPSPEC, MSPEC, OR LOA APPROVAL.  
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT CLANG ON V14-192-210 NORTHEAST BOUND.  
CHART SPEED ICON IN PLANVIEW AT LLARY: MAX 210 KIAS.

**ADDITIONAL FLIGHT DATA:**

CHART IN PROFILE: I-FVJ DME ANTENNA.  
HOLD SE, RT, 316.04 INBOUND.  
CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD E OZMOE INT/SHB 12.12 DME, RT, 250.82 INBOUND.  
FAS OBST: 930 AAO 394713N/0861246W.  
CHART 949 TOWER 394703N/0861108W.  
CHART VDP AT 0.84 DME.  
DISTANCE VDP TO THLD 1.01 NM.  
CHART IN PLANVIEW: OZMOE INT/SHB 12.12 DME.  
CHART CIRCLING ICON.

**MINIMUMS:**

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

**ALTERNATE:** NA ☐ ILS: STANDARD; LOC: STANDARD - CAT D 800-2 1/2

CATEGORY:	A			B			C			D			E		
FINAL TYPE	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 23L *	990	2400	200	990	2400	200	990	2400	200	990	2400	200			
S-LOC 23L	1180	2400	390	1180	2400	390	1180	3500	390	1180	3500	390			
CIRCLING	1420	1	624	1420	1	624	1420	1 3/4	624	1560	2 1/2	764			

- CHANGES - REASONS**
- ADDED SA CAT II MINIMUMS AND ASSOCIATED NOTES - NEW AIRFIELD EQUIPMENT INSTALLED AND USER REQUEST.
  - INITIAL SEGMENT FROM CLANG TO LLARY COURSE/DISTANCE CHANGED FROM "185.00/11.65" TO "184.81/11.64" - RECOMPUTED DR SEGMENT.
  - UPDATED LOC MISSED APPROACH POINT FROM "5.51 NM AFTER PACRR INT/I-FVJ 5.35 DME/RADAR OR AT I-FVJ 0.17 DME FIX" TO "5.52 NM AFTER PACRR INT/I-FVJ 5.35 DME/RADAR OR AT I-FVJ/0.17 DME" - PACRR (FAF) MOVED 34.36 FEET NORTHEAST.
  - UPDATED PRIMARY MISSED APPROACH HOLDING FIX FROM "OZMOE/VHP 20.08" TO "OZMOE INT/VHP 20.08" - UPDATED FIX DESCRIPTION.
  - UPDATED ALTERNATE MISSED APPROACH NAVAID FROM "SHB VORTAC" TO "SHB VOR/DME" AND HOLDING FIX FROM 'OZMOE INT/SHB 12.12" TO OZMOE/SHB 12.12" - NEXGEN NAVAID SSV CHANGE.
  - UPDATED VDP FROM "VDP AT 0.79 DME DISTANCE VDP TO THLD 0.95 NM" TO "VDP AT 0.84 DME DISTANCE VDP TO THLD 1.01 NM" - ILS TCH UPDATED.
  - DELETED CHART (CFBNT) AT INTERSECTION OF CLANG DR LEG AND INTERMEDIATE COURSE - CNF NOT REQUIRED.
  - DELETED "LOC ONLY" FROM ADDITIONAL FLIGHT DATA - IAW 8260.19 PARA 1-1-5 F (12).
  - DISTANCE FAF TO MAP/THLD CHANGED FROM "5.51" TO "5.52" - PACRR (FAF) MOVED 34.36 FEET NORTHEAST.
  - GS ANTANNA DISTANCE CHANGED FROM "1084" TO "1033" - AIRNAV DATA UPDATED.
  - UPDATED ILS TCH FROM "56.8" TO "55" - UPDATED ILS AIRNAV DATA.
  - UPDATED PROCEDURE NAME, ADDED ILS RWY 23L (SA CAT II) - ADDED SA CAT II MINIMUMS AT USER/ATC REQUEST.
  - ADDED TO LINE 5 DISTANCE TO 100 FOOT HAT - IAW 8260.19, PARA 8-6-7 E (2).
  - UPDATED ALTERNATE MINIMUMS FOR S-ILS 23L\* FROM "CAT A,B,C 700-2, CAT D 800-2 1/2" TO "STANDARD" - IAW 8260.3 SECTION 3-4, PARA 3-4-1.

12/18/23: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 10/27/23.  
1. CHANGED PRIMARY MISSED APPROACH HOLDING FIX FROM "OZMOE INT" TO "OZMOE INT/VHP 20.08".



