

<b>RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33</b>				Bearings, headings, courses, 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 in feet RVR.											
<b>TERMINAL ROUTES</b>										<b>MISSED APPROACH</b>					
FROM		TO		COURSE AND DISTANCE				ALTITUDE		LPV: DA LNAV/VNAV: DA LNAV: RW23R  CLIMB TO 1500 THEN CLIMBING RIGHT TURN TO 3000 DIRECT KEADY AND HOLD.  ADDITIONAL FLIGHT DATA: HOLD NW, RT, 139.44 INBOUND. FAS OBST: 943 AAO 394800N/0861239W DISTANCE TO THLD FROM 200 HAT: 0.46 NM. CHART VDP AT 1.11 NM TO RW23R* *LNAV ONLY. WAAS CHANNEL # 77706 REFERENCE PATH ID: W23B CHART CIRCLING ICON. LTP HAE: 205.4 M					
CLANG (IAF)		RACEN (FB)		232.61 / 11.93				5000							
RACEN (IAF)		DRVVR (FB)		229.69 / 3.13				4000							
DRVVR (IF)		CKERD (FB)		229.65 / 4.40				2600							
CKERD (FAF)		RW23R (MAP) (FO)		229.61 / 5.53											
RW23R (MAP)		1500 MSL		229.61				1500							
1500 MSL		KEADY (FO)						3000							
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. PROFILE STARTS AT RACEN 3. FAC: <u>229.61</u> FAF: <u>CKERD</u> DIST FAF TO MAP: <u>5.53</u> THLD: <u>5.53</u> 4. MIN. ALT: <u>RACEN 5000, DRVVR 4000, CKERD 2600</u> 5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____ 6. MIN GS INCPT: <u>2600</u> GS ALT AT: <u>CKERD 2600</u> OM: _____ MM: _____ IM: _____ 7. GS ANGLE: <u>3.00</u> TCH: <u>55.0</u> 34:1 IS CLEAR 8. MSA FROM: <u>RW23R 3100</u>										MAG VAR: 5W		EPOCH YEAR: 2015			
<b>MINIMUMS</b>															
TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT							ALTERNATE: N A		STANDARD @						
CATEGORY =====>		A		B		C		D		E					
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	983	2400	200	983	2400	200	983	2400	200	983	2400	200			
LNAV/VNAV DA	1165	4000	382	1165	4000	382	1165	4000	382	1165	4000	382			
LNAV MDA	1200	2400	417	1200	2400	417	1200	4000	417	1200	4000	417			
CIRCLING	1420	1	624	1420	1	624	1420	1 3/4	624	1560	2 1/2	764			
NOTES: CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -18C (0F) OR ABOVE 54C (130F). @ CAT D 800-2 1/2 CHART NOTE: DME/DME RNP-0.3 NA. CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}). CHART SPEED ICON IN PLANVIEW AT RACEN: 210 KIAS. (CONTINUED ON PAGE 2)															
CITY AND STATE		ELEVATION: 796 TDZE: 783		FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP:					
INDIANAPOLIS, IN		AIRPORT NAME: INDIANAPOLIS INTL				RNAV (GPS) Y RWY 23R, AMDT 4				AMDT: 3					
						10 NOVEMBER 2016				DATED 04/30/2015					

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION  
**RNAV - STANDARD**  
**INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.33**

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**NOTES, (CONT.):**

**CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT CLANG ON V14-192-210 NORTHEAST BOUND.**

**CHART NOTE: FOR INOPERATIVE ALS, INCREASE LNAV CAT C/D VISIBILITY TO RVR 6000.**

**CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED.**

**CHART NOTE: LNAV PROCEDURE NA DURING SIMULTANEOUS OPERATIONS.**

**CHART NOTE: USE OF FD OR AP PROVIDING RNAV TRACK GUIDANCE REQUIRED DURING SIMULTANEOUS OPERATIONS.**

CITY AND STATE

INDIANAPOLIS, IN

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IDENTIFIER:  
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PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

**RNAV (GPS) Y RWY 23R, AMDT 4**

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QUALITY  
4  
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**RNAV STANDARD INSTRUMENT APPROACH PROCEDURE  
FLIGHT STANDARDS SERVICE - FAR PART 97.33**

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**FAS DATA BLOCK INFORMATION**

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KIND
RUNWAY	RW23R
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	Y
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W23B
LTP/FTP LATITUDE	394341.9100N
LTP/FTP LONGITUDE	0861734.3590W
LTP/FTP ELLIPSOIDAL HEIGHT	+02054
FPAP LATITUDE	394223.0355N
FPAP LONGITUDE	0861914.9025W
THRESHOLD CROSSING HEIGHT (TCH)	00055.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0000
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0
 <u>CRC REMAINDER</u>	 C00D8AC1

**ADDITIONAL PATH POINT RECORD INFORMATION**

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+02386
FPAP ORTHOMETRIC HEIGHT	+02386

CITY AND STATE  INDIANAPOLIS, IN	ELEVATION: 796	TDZE: 783	FACILITY IDENTIFIER:  RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:  RNAV (GPS) Y RWY 23R, AMDT 4  10 NOVEMBER 2016	SUP: <b>QUALITY</b>
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	INDIANAPOLIS INTL				DATED: <b>CHECKED 04/30/2015</b>

<b>U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION</b> <b>RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE</b> <b>FLIGHT STANDARDS SERVICES - TITLE 14 CFR PART 97.33</b>												Bearings, headings, courses, 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 in feet RVR.																																																																																																																																																																																																																		
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