

**RNAV - STANDARD  
INSTRUMENT APPROACH PROCEDURE  
TITLE 14 CFR PART 97.33**

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**TERMINAL ROUTES**

**MISSED APPROACH**

FROM	TO	COURSE AND DISTANCE	ALTITUDE
KELLY (IAF)	WAAYN (FB)	045.75 / 10.73	5000
WAAYN (IAF)	FTBLL (FB)	049.41 / 3.13	4000
FTBLL (IF)	STDUM (FB)	049.44 / 3.14	3000
STDUM	OINKK (FB)	049.48 / 2.83	2100
OINKK (FAF)	RW05L (MAP) (FO)	049.50 / 4.11	
RW05L (MAP)	1300 MSL	049.50	1300
1300 MSL	KEADY (FO)		3000

LPV: DA  
LNAV/VNAV: DA  
LNAV: RW05L

CLIMB TO 1300 THEN CLIMBING LEFT TURN TO 3000 DIRECT KEADY AND HOLD.

ADDITIONAL FLIGHT DATA:  
HOLD NW, RT, 128.96 INBOUND.  
FAS OBST: 970 AAO 393939N/0862148W  
DISTANCE TO THLD FROM 200 HAT: 0.49 NM.  
CHART VDP AT 1.34 NM TO RW05L\*  
\*LNAV ONLY.  
WAAS CHANNEL # 45706  
REFERENCE PATH ID: W05A  
CHART CIRCLING ICON.  
LTP HAE: 191.8 M

MAG VAR: 5W EPOCH YEAR: 2015

1. PT        SIDE OF COURSE        OUTBOUND        FT WITHIN        MILES OF        (IAF)
2. PROFILE STARTS AT WAAYN
3. FAC: 049.50 FAF: OINKK DIST FAF TO MAP: 4.11 THLD: 4.11
4. MIN. ALT: WAAYN 5000, FTBLL 4000, STDUM 3000, OINKK 2100
5. DIST TO THLD FROM OM:        MM:        IM:        150 HAT:        100 HAT:        GS ANT:
6. MIN GS INCPT: 2100 GS ALT AT: OINKK 2100 OM:        MM:        IM:
7. GS ANGLE: 3.00 TCH: 52.5 34:1 IS CLEAR
8. MSA FROM: RW05L 3100

**MINIMUMS**

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	947	2400	200	947	2400	200	947	2400	200	947	2400	200			
LNAV/VNAV DA	1136	4500	389	1136	4500	389	1136	4500	389	1136	4500	389			
LNAV MDA	1220	2400	473	1220	2400	473	1220	5000	473	1220	5000	473			
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 NOTE: SIMULTANEOUS APPROACH AUTHORIZED.  
 (CONTINUED ON PAGE 2)

CITY AND STATE <b>INDIANAPOLIS, IN</b>	ELEVATION: 796 TDZE: 747 AIRPORT NAME: <b>INDIANAPOLIS INTL</b>	FACILITY IDENTIFIER: <b>RNAV</b>	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: <b>RNAV (GPS) Y RWY 5L, AMDT 4 10 NOVEMBER 2016</b>	SUP: <b>4</b> AMDT: <b>3</b> DATED <b>04/30/2015</b>
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QUALITY

CHECKED

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 NOTE: RNAV PROCEDURE NA DURING SIMULTANEOUS OPERATIONS.**

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

**CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT KELLY ON V11 SOUTHWEST BOUND AND V12 WESTBOUND.**

**CHART SPEED ICON IN PLANVIEW AT WAAYN: AT 210 KIAS.**

**CHART NOTE: FOR INOPERATIVE ALS, INCREASE RNAV/VNAV ALL CATS VISIBILITY TO 1 1/4 SM AND INCREASE RNAV CAT C/D VISIBILITY TO 1 3/8 SM.**

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					AMDT: <b>CHECKED</b>
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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	RW05L
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	Y
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W05A
LTP/FTP LATITUDE	394223.0335N
LTP/FTP LONGITUDE	0861914.9025W
LTP/FTP ELLIPSOIDAL HEIGHT	+01918
FPAP LATITUDE	394341.9100N
FPAP LONGITUDE	0861734.3590W
THRESHOLD CROSSING HEIGHT (TCH)	00052.5
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

**CRC REMAINDER** 258B3A1B

**ADDITIONAL PATH POINT RECORD INFORMATION**

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+02249
FPAP ORTHOMETRIC HEIGHT	+02249

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	AIRPORT NAME: <b>INDIANAPOLIS INTL</b>			AMDT: <b>CHECKED</b>
				DATED: <b>04/30/2015</b>

QUALITY

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**U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION**  
**RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE**  
 FLIGHT STANDARDS SERVICES - TITLE 14 CFR PART 97.33

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ARINC SUMMARY - KIND

ROUTES

TRANSITION	WPT SEQ	WPT NAME	LEG TYPE	FB/FO	RNP	MAG CRS	REC NAV	ANGLE	TURN DIR	CENTER FIX	TURN RADIUS	ALTITUDE DESCRIPTION & VALUE	SPEED LIMIT DESCRIPTION & VALUE	WPT DESCRIPTION CODE
KELLY	010	KELLY	IF	FB										E A
KELLY	020	WAAYN	TF	FB	1.0	045.8						AA 05000	AT 210	E
KELLY	030	FTBLL	TF	FB	1.0	049.4						AA 04000		EE B
WAAYN	010	WAAYN	IF	FB									AT 210	E A
WAAYN	020	FTBLL	TF	FB	1.0	049.4						AA 04000		EE B
	010	FTBLL	IF	FB								AA 04000		E I
	011	STDUM	TF	FB	1.0	049.4						AA 03000		E
	020	OINKK	TF	FB	1.0	049.5				RW05L		AA 02100		E F
	030	RW05L	TF	FO	0.3	049.5		3.00				AT 00791		GY M
	040		CA	FB		049.5						AA 01300		M
	050	KEADY	DF	FO								AA 03000		EY
	060	KEADY	HM	FO		129.0						AA 03000		EE

POINTS

POINT NAME	LATITUDE	LONGITUDE
KELLY	N392449.24	W0864016.94
FTBLL	N393511.16	W0862823.74
KEADY	N395136.09	W0862717.31
OINKK	N393926.98	W0862258.97
STDUM	N393725.75	W0862533.02
WAAYN	N393257.00	W0863113.67

RUNWAYS

RUNWAY	THRESHOLD LATITUDE	THRESHOLD LONGITUDE	THRESHOLD ELEVATION	PROCEDURE TCH
RW05L	N394223.03	W0861914.90	00738	52.5

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	AIRPORT NAME: <b>INDIANAPOLIS INTL</b>			AMDT: <b>4</b>
			<b>10 NOVEMBER 2016</b>	DATED: <b>04/30/2015</b>