

US DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION		RNAV (RNP) - STANDARD, INSTRUMENT APPROACH PROCEDURE, TITLE 14 CFR PART 97.33		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.											
TERMINAL ROUTES										MISSED APPROACH					
FROM		TO		COURSE AND DISTANCE				ALTITUDE		RNP: DA					
LLARY (IAF)		BBIRD (TF) (FB) (RNP 1.00)		229.70 / 3.14				4000		CLIMB TO 1500, THEN CLIMBING LEFT TURN TO 3000 DIRECT OZMOE AND HOLD.					
BBIRD (IF)		PACRR (TF) (FB) (RNP 1.00)		229.66 / 4.40				2600							
KNIGT (IF)		STEW R (TF) (FB) (RNP 1.00)		049.60 / 4.97				4500							
STEW R		GOBGE (RF) (FB) (RNP 1.00)		(2.57 NM RADIUS CCW (CFWVM))/2.42				3800							
MIILR (IF)		GOBGE (TF) (FB) (RNP 1.00)		355.66 / 4.91				3800		ADDITIONAL FLIGHT DATA: HOLD SE, RT, 319.69 INBOUND. DISTANCE TO THLD FROM 364 HAT: 0.97 NM. ROUTE TYPE: A, H ROUTE TYPE QUALIFIER 1: F ROUTE TYPE QUALIFIER 2: S # TCH 844.4 MSL (DO NOT CHART) CHART MINIMUM 5000 AT LLARY CHART MANDATORY 6000 AT KNIGT CHART MANDATORY 6000 AT MIILR CHART MANDATORY 6000 AT TRAAK					
(SEE FORM 8260-10)															
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF)										MAG VAR: 5W EPOCH YEAR: 2015					
2. PROFILE STARTS AT PACRR															
3. FAC: 229.62 FAF: _____ DIST FAF TO MAP: _____ THLD: _____															
4. MIN. ALT: PACRR 2600															
5. DIST TO THLD FROM OM: 5.51 MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____															
6. MIN GS INCPT: 2600 GS ALT AT: PACRR 2600 OM: _____ MM: _____ IM: _____															
7. GS ANGLE: 3.00 TCH: 56.8 34:1 IS CLEAR															
8. MSA FROM: RW23L 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		DH/MDA VIS HAT/HAA			
AUTHORIZATION REQUIRED															
RNP 0.30 DA		1154		4000		364		1154		4000		364			
NOTES: CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW -18C (0F) OR ABOVE 54C (130F). CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}). CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED FOR ARRIVALS FROM LLARY ONLY. CHART NOTE: GPS REQUIRED. (CONTINUED ON PAGE 2)															
CITY AND STATE INDIANAPOLIS, IN		ELEVATION: 796 TDZE: 790 AIRPORT NAME: INDIANAPOLIS INTL				FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (RNP) Z RWY 23L, AMDT 2 10 NOVEMBER 2016				SUP: AMDT: 1 DATED 04/30/2015			



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TERMINAL ROUTES, (CONT.):					
FROM		TO	COURSE AND DISTANCE	ALTITUDE	
GOBGE		PACRR (RF) (FB) (RNP 1.00)	(2.29 NM RADIUS CCW (CFWVN))/5.03	2600	
TRAAK (IF)		PUKAE (TF) (FB) (RNP 1.00)	103.55 / 5.36	3600	
PUKAE		PACRR (RF) (FB) (RNP 1.00)	(2.56 NM RADIUS CW (CFWTM))/5.63	2600	
PACRR (FAF)		RW23L (MAP) (TF) (FO)	229.62 / 5.51		
RW23L (MAP)		1500 MSL (CA)	229.62	1500	
1500 MSL		OZMOE (DF) (FO)		3000	
NOTES, (CONT.):					
CHART SPEED ICON IN PLANVIEW AT TRAAK: MAX 210 KIAS.					
CHART SPEED ICON IN PLANVIEW AT LLARY: 210 KIAS.					
CHART SPEED ICON IN PLANVIEW AT MIILR: MAX 210 KIAS.					
CHART SPEED ICON IN PLANVIEW AT KNIGT: MAX 210 KIAS.					
CHART SPEED ICON IN PLANVIEW AT GOBGE: MAX 200 KIAS.					
CHART SPEED ICON IN PLANVIEW AT PUKAE: MAX 200 KIAS.					
CHART PLANVIEW NOTE ADJACENT TO KNIGT IF: RF REQUIRED.					
CHART PLANVIEW NOTE ADJACENT TO MIILR IF: RF REQUIRED.					
CHART PLANVIEW NOTE ADJACENT TO TRAAK IF: RF REQUIRED.					
CHART PLANVIEW NOTE AT KNIGT: RADAR REQUIRED FOR PROCEDURE ENTRY AT KNIGT.					
CHART PLANVIEW NOTE AT MIILR: RADAR REQUIRED FOR PROCEDURE ENTRY AT MIILR.					
CHART PLANVIEW NOTE AT TRAAK: RADAR REQUIRED FOR PROCEDURE ENTRY AT TRAAK.					
CHART PROFILE NOTE: SEE PLANVIEW FOR MULTIPLE IF LOCATIONS.					
CITY AND STATE		ELEVATION: 796 TDZE: 790	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
INDIANAPOLIS, IN		AIRPORT NAME:	RNAV	RNAV (RNP) Z RWY 23L, AMDT 2	AMDT: 1
		INDIANAPOLIS INTL		10 NOVEMBER 2016	DATED: 04/30/2015



U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV (RNP) 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
KNIGT	010	KNIGT	IF	FB								AT 06000	AB 210	E B
KNIGT	020	STEW	TF	FB	1.0							AA 04500		E
KNIGT	030	GOBGE	RF	FB	1.0				L	CFWVM	02.57	AA 03800	AB 200	E
KNIGT	040	PACRR	RF	FB	1.0				L	CFWVN	02.29	AA 02600		EE
LLARY	010	LLARY	IF	FB								AA 05000	AT 210	E A
LLARY	020	BBIRD	TF	FB	1.0							AA 04000		E B
LLARY	030	PACRR	TF	FB	1.0							AA 02600		EE
MIILR	010	MIILR	IF	FB								AT 06000	AB 210	E B
MIILR	020	GOBGE	TF	FB	1.0							AA 03800	AB 200	E
MIILR	030	PACRR	RF	FB	1.0				L	CFWVN	02.29	AA 02600		EE
TRAAK	010	TRAAK	IF	FB								AT 06000	AB 210	E B
TRAAK	020	PUKAE	TF	FB	1.0							AA 03600	AB 200	E
TRAAK	030	PACRR	RF	FB	1.0				R	CFWTM	02.56	AA 02600		EE
	020	PACRR	IF	FB						RW23L		AA 02600		E F
	030	RW23L	TF	FO	0.3			3.00				AT 00844		GY M
	040		CA	FB		229.6						AA 01500		M
	050	OZMOE	DF	FO					L			AA 03000		EY
	060	OZMOE	HM	FO		319.7			R			AA 03000		EE

POINTS

POINT NAME	LATITUDE	LONGITUDE
OZMOE	N393409.13	W0860420.96
BBIRD	N395015.00	W0860744.28
CFWTM	N394854.94	W0861406.86
CFWVM	N394527.74	W0861000.17
CFWVN	N394530.52	W0860938.37
GOBGE	N394552.87	W0860642.81
KNIGT	N394006.75	W0861209.40
LLARY	N395229.06	W0860452.26
MIILR	N394102.20	W0860540.87
PACRR	N394707.01	W0861145.01
PUKAE	N395126.90	W0861336.97
STEW	N394339.28	W0860737.87
TRAAK	N395214.96	W0862029.97

RUNWAYS

QUALITY
28
CHECKED

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	AIRPORT NAME: INDIANAPOLIS INTL			10 NOVEMBER 2016	AMDT: 1
					DATED: 04/30/2015

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RUNWAY	THRESHOLD LATITUDE	THRESHOLD LONGITUDE	THRESHOLD ELEVATION	PROCEDURE TCH
RW23L	N394311.29	W0861646.12	00788	56.8

QUALITY

28

CHECKED

RUNWAY	THRESHOLD LATITUDE	THRESHOLD LONGITUDE	THRESHOLD ELEVATION	PROCEDURE TCH
RW23L	N394311.29	W0861646.12	00788	56.8

QUALITY

28

CHECKED

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