

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 CLIMB TO 1200 THEN CLIMBING RIGHT TURN TO 3000 DIRECT KEADY AND HOLD. ADDITIONAL FLIGHT DATA: HOLD NW, RT, 139.44 INBOUND. DISTANCE TO THLD FROM 364 HAT: 0.97 NM. CHART MANDATORY 6000 AT PETYN. CHART MANDATORY 5000 AT TRAAK. CHART MANDATORY 5000 AT MIILR CHART MINIMUM 5000 AT RACEN. ROUTE TYPE: A, H ROUTE TYPE QUALIFIER 1: F ROUTE TYPE QUALIFIER 2: S #TCH 837.9 MSL (DO NOT CHART)					
RACEN (IAF)		DRVVR (TF) (FB) (RNP 1.00)		229.69 / 3.13				4000							
DRVVR (IF)		CKERD (TF) (FB) (RNP 1.00)		229.65 / 4.40				2600							
MIILR (IF)		MUSKE (TF) (FB) (RNP 1.00)		355.70 / 5.26				3600							
MUSKE		CKERD (RF) (FB) (RNP 1.00)		(2.61 NM RADIUS CCW (CFLVR))/5.74				2600							
TRAAK (IF)		COZRT (TF) (FB) (RNP 1.00)		103.56 / 4.90				3600							
(SEE FORM 8260-10)															
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. PROFILE STARTS AT CKERD 3. FAC: 229.61 FAF: _____ DIST FAF TO MAP: _____ THLD: _____ 4. MIN. ALT: CKERD 2600 5. DIST TO THLD FROM OM: 5.53 MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____ 6. MIN GS INCPT: 2600 GS ALT AT: CKERD 2600 OM: _____ MM: _____ IM: _____ 7. GS ANGLE: 3.00 TCH: 55.0# 34:1 IS CLEAR 8. MSA FROM: RW23R 3100										MAG VAR: 5W EPOCH YEAR: 2015					
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
AUTHORIZATION REQUIRED															
RNP 0.15 DA	1147	4000	364	1147	4000	364	1147	4000	364	1147	4000	364			
RNP 0.30 DA	1206	5000	423	1206	5000	423	1206	5000	423	1206	5000	423			
NOTES: CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW -18C (0F) OR ABOVE 54C (130F). CHART NOTE: GPS REQUIRED. CHART SPEED ICON IN PLANVIEW AT MIILR: MAX 210 KIAS. 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:						RNAV (RNP) Z RWY 23R, AMDT 2				AMDT: 4 1			
		INDIANAPOLIS INTL						10 NOVEMBER 2016				DATED 04/30/2015			

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RNAV (RNP) - STANDARD, INSTRUMENT APPROACH PROCEDURE, - TITLE 14 CFR PART 97.33				
TERMINAL ROUTES, (CONT.):				
FROM	TO	COURSE AND DISTANCE	ALTITUDE	
PETYN (IF)	COYLE (TF) (FB) (RNP 1.00)	049.95 / 4.96	4400	
COYLE	COZRT (RF) (FB) (RNP 1.00)	(2.56 NM RADIUS CW (CFBNX))/2.40	3600	
COZRT	CKERD (RF) (FB) (RNP 1.00)	(2.29 NM RADIUS CW (CFBKB))/5.03	2600	
CKERD (FAF)	RW23R (MAP) (TF) (FO)	229.61 / 5.53		
RW23R (MAP)	1200 MSL (CA)	229.61	1200	
1200 MSL	KEADY (DF) (FO)		3000	
NOTES, (CONT.):				
CHART SPEED ICON IN PLANVIEW AT MUSKE: MAX 200 KIAS.				
CHART SPEED ICON IN PLANVIEW AT TRAAK: MAX 210 KIAS.				
CHART SPEED ICON IN PLANVIEW AT COZRT: MAX 200 KIAS.				
CHART SPEED ICON IN PLANVIEW AT PETYN: MAX 210 KIAS.				
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).				
CHART NOTE: FOR INOPERATIVE ALS, INCREASE RNP 0.15 ALL CATS VISIBILITY TO RVR 6000 AND INCREASE RNP 0.30 ALL CATS VISIBILITY TO 1 3/8 SM.				
CHART PLANVIEW NOTE ADJACENT TO MIILR: RF REQUIRED.				
CHART PLANVIEW NOTE ADJACENT TO PETYN: RF REQUIRED.				
CHART PLANVIEW NOTE ADJACENT TO TRAAK: RF REQUIRED.				
CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED.				
CHART PLANVIEW NOTE AT MIILR: RADAR REQUIRED FOR ARRIVALS AT MIILR.				
CHART PLANVIEW NOTE AT PETYN: RADAR REQUIRED FOR ARRIVALS AT PETYN.				
CHART PLANVIEW NOTE AT TRAAK: RADAR REQUIRED FOR ARRIVALS AT TRAAK.				
CHART PROFILE NOTE: SEE PLANVIEW FOR MULTIPLE IF LOCATIONS.				
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	INDIANAPOLIS INTL			10 NOVEMBER 2016
				SUP: 4
				AMDT: 1
				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
MIILR	010	MIILR	IF	FB								AT 05000	AB 210	E B
MIILR	020	MUSKE	TF	FB	1.0							AA 03600	AB 200	E
MIILR	030	CKERD	RF	FB	1.0				L	CFLVR	02.61	AA 02600		EE
PETYN	010	PETYN	IF	FB								AT 06000	AB 210	E B
PETYN	020	COYLE	TF	FB	1.0							AA 04400		E
PETYN	030	COZRT	RF	FB	1.0				R	CFBNX	02.56	AA 03600	AB 200	E
PETYN	040	CKERD	RF	FB	1.0				R	CFBKB	02.29	AA 02600		EE
RACEN	010	RACEN	IF	FB								AA 05000	AT 210	E A
RACEN	020	DRVVR	TF	FB	1.0							AA 04000		E B
RACEN	030	CKERD	TF	FB	1.0							AA 02600		EE
TRAAK	010	TRAAK	IF	FB								AT 05000	AB 210	E B
TRAAK	020	COZRT	TF	FB	1.0							AA 03600	AB 200	E
TRAAK	030	CKERD	RF	FB	1.0				R	CFBKB	02.29	AA 02600		EE
	020	CKERD	IF	FB						RW23R		AA 02600		E F
	030	RW23R	TF	FO	0.3			3.00				AT 00838		GY M
	040		CA	FB		229.6						AA 01200		M
	050	KEADY	DF	FO					R			AA 03000		EY
	060	KEADY	HM	FO		139.4			R			AA 03000		EE

POINTS

POINT NAME	LATITUDE	LONGITUDE
CFBKB	N394915.07	W0861439.06
CFBNX	N394858.83	W0861442.25
CFLVR	N394548.39	W0861007.52
CKERD	N394738.54	W0861232.15
COYLE	N395047.68	W0861703.37
COZRT	N395131.00	W0861412.32
DRVVR	N395046.57	W0860831.43
KEADY	N395136.09	W0862717.31
MIILR	N394102.20	W0860540.87
MUSKE	N394613.82	W0860647.02
PETYN	N394717.16	W0862136.14
RACEN	N395300.41	W0860539.73
TRAAK	N395214.96	W0862029.97

RUNWAYS

QUALITY
15
CHECKED

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	AIRPORT NAME: INDIANAPOLIS INTL			10 NOVEMBER 2016	AMDT: 1
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RUNWAY	THRESHOLD LATITUDE	THRESHOLD LONGITUDE	THRESHOLD ELEVATION	PROCEDURE TCH
RW23R	N394341.91	W0861734.36	00783	55.0

QUALITY

15

CHECKED

RUNWAY	THRESHOLD LATITUDE	THRESHOLD LONGITUDE	THRESHOLD ELEVATION	PROCEDURE TCH
RW23R	N394341.91	W0861734.36	00783	55.0

QUALITY

15

CHECKED

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	AIRPORT NAME: INDIANAPOLIS INTL	RNAV	RNAV (RNP) Z RWY 23R, AMDT 2	AMDT: 1
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