

<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>US DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION</b>															
<b>TERMINAL ROUTES</b>		<b>MISSED APPROACH</b>													
<b>FROM</b>  JKUKA DECEE (IAF) NAYIV (IF/IAF) CIDPO (FAF) MAYED/2.90 NM TO RW23 RW23 (MAP) 830 MSL	<b>TO</b>  NAYIV (FO) NAYIV (NOPT) (FB) CIDPO (FB) MAYED/2.90 NM TO RW23 (FB) RW23 (MAP) (FO) 830 MSL JIRIP (FO)	<b>COURSE AND DISTANCE</b>  353.11 / 28.59 175.98 / 15.19 226.19 / 5.94 226.14 / 2.06 226.14 / 2.90 226.14	<b>ALTITUDE</b>  3500 2400 2200  2500												
		LPV: DA LNAV/VNAV: DA LNAV: RW23  CLIMB TO 2500 DIRECT JIRIP AND HOLD.  ADDITIONAL FLIGHT DATA: HOLD SW, RT, 045.98 INBOUND. CHART FAS OBST: 928 TOWER 385732N/0855244W DISTANCE TO THLD FROM 250 HAT: 0.66 NM. CHART VDP AT 1.73 MILES TO RW23* *LNAV ONLY. WAAS CHANNEL # 48903 REFERENCE PATH ID: W23A CHART CIRCLING ICON. LTP HAE: 142.9 M													
1. PT <u>      </u> SIDE OF COURSE <u>      </u> OUTBOUND <u>      </u> FT WITHIN <u>      </u> MILES OF <u>      </u> (IAF) 2. HOLD NE NAYIV, RT, 226.19 INBOUND, 2400 FT. IN LIEU OF PT (IAF) 3. FAC: <u>226.14</u> FAF: <u>CIDPO</u> DIST FAF TO MAP: <u>4.96</u> THLD: <u>4.96</u> 4. MIN. ALT: NAYIV 2400, CIDPO 2200, MAYED/2.90 NM TO RW23 1540* 5. DIST TO THLD FROM OM: <u>      </u> MM: <u>      </u> IM: <u>      </u> 150 HAT: <u>      </u> 100 HAT: <u>      </u> GS ANT: <u>      </u> 6. MIN GS INCPT: <u>2200</u> GS ALT AT: <u>CIDPO 2200</u> OM: <u>      </u> MM: <u>      </u> IM: <u>      </u> 7. GS ANGLE: <u>3.00</u> TCH: <u>40.0</u> 34:1 IS CLEAR 8. MSA FROM: <u>RW23 2500</u>		MAG VAR: 2W                      EPOCH YEAR: 1985													
<b>MINIMUMS</b>															
TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT		ALTERNATE: N A <input checked="" type="checkbox"/> X <input type="checkbox"/>													
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	830	3/4	250	830	3/4	250	830	3/4	250	830	3/4	250			
LNAV/VNAV DA	858	3/4	278	858	3/4	278	858	3/4	278	858	3/4	278			
LNAV MDA	1160	3/4	580	1160	3/4	580	1160	1 1/2	580	1160	1 1/2	580			
CIRCLING	1160	1	577	1160	1	577	1300	2	717	1300	2 1/4	717			
NOTES: CHART NOTE: BARO-VNAV NA WHEN USING LOUISVILLE INTL-STANDIFORD FIELD ALTIMETER SETTING. CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C (4F) OR ABOVE 54C (130F). CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE LOUISVILLE INTL-STANDIFORD FIELD ALTIMETER SETTING AND INCREASE ALL DA 117 FT AND ALL MDA 120 FT; INCREASE LPV ALL CATS, LNAV/VNAV (SEE FORM 8260-10)															
CITY AND STATE  SEYMOUR, IN		ELEVATION: 583      TDZE: 580 AIRPORT NAME:  FREEMAN MUNI		FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 23, AMDT 2 16 OCTOBER 2014				SUP: AMDT: 1 DATED 05/10/2007					

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

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NOTES, (CONT.):

ALL CATS AND LNAV CAT C/D VISIBILITY 3/8 MILE, AND CIRCLING CAT C/D VISIBILITY 1/2 MILE.

CHART NOTE: FOR INOPERATIVE ODALS, INCREASE LNAV/VNAV ALL CATS VISIBILITY TO 7/8, AND LNAV CAT C/D VISIBILITY TO 1 5/8.

CHART NOTE: DME/DME RNP-0.3 NA.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT DECEE ON V128 NORTHWEST BOUND.

CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.

CHART NOTE: VDP NA WITH LOUISVILLE INTL-STANDIFORD FIELD ALTIMETER SETTING.

CHART PLANVIEW NOTE ADJACENT TO JKUKA: RADAR REQUIRED.

CHART NOTE: FOR INOPERATIVE ODALS WHEN USING LOUISVILLE INTL-STANDIFORD FIELD ALTIMETER SETTING, INCREASE LNAV/VNAV ALL CATS VISIBILITY TO 1 3/8, AND LNAV CAT C/D VISIBILITY TO 2 1/2.

CITY AND STATE  
SEYMOUR, IN

ELEVATION: 583 TDZE: 580  
AIRPORT NAME:  
FREEMAN MUNI

FACILITY  
IDENTIFIER:  
RNAV

PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:  
RNAV (GPS) RWY 23, AMDT 2  
16 OCTOBER 2014

SUP:  
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DATED: 05/10/2007

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION  
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	KSER
RUNWAY	RW23
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W23A
LTP/FTP LATITUDE	385544.5670N
LTP/FTP LONGITUDE	0855338.3750W
LTP/FTP ELLIPSOIDAL HEIGHT	+01429
FPAP LATITUDE	385440.5040N
FPAP LONGITUDE	0855457.8005W
THRESHOLD CROSSING HEIGHT (TCH)	00040.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1072
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER A4EEC606

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+01768
FPAP ORTHOMETRIC HEIGHT	+01768

CITY AND STATE  
SEYMOUR, IN

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FACILITY  
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RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:  
RNAV (GPS) RWY 23, AMDT 2  
16 OCTOBER 2014

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[illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP KSERK5FR23	ADECEE	010DECBEK5EA0E	A	IF						18000		A JS	
SUSAP KSERK5FR23	ADECEE	020NAYIVK5EA0EE	B	010TF			17600152	+	02400			A JS	
SUSAP KSERK5FR23	AJKUKA	010JKUKAK5EA0E		IF						18000		A JS	
SUSAP KSERK5FR23	AJKUKA	020NAYIVK5EA0EY		020TF			35310286	+	03500			A JS	
SUSAP KSERK5FR23	AJKUKA	030NAYIVK5EA0EE	AR	HF			22620040	+	02400			A JS	
SUSAP KSERK5FR23	R	010NAYIVK5EA0E	I	IF						18000		A JS	
SUSAP KSERK5FR23	R	020CIDPOK5EA1E	F	051TF			22620059	+	02200		RW23	K5PGA	JS
SUSAP KSERK5FR23	R	020CIDPOK5EA2WALPV			ALNAV/VNAV	ALNAV							JS
SUSAP KSERK5FR23	R	021MAYEDK5EA0E	S	031TF			22610021	V	0154001544		-300		A JS
SUSAP KSERK5FR23	R	030RW23 K5PGOGY	M	031TF			22610029				-300		A JS
SUSAP KSERK5FR23	R	040		0 M	CA		2261	+	00830				A JS
SUSAP KSERK5FR23	R	050JIRIPK5EA0EY		DF				+	02500				A JS
SUSAP KSERK5FR23	R	060JIRIPK5EA0EE	R	HM			04600040	+	02500				A JS

[illegible][illegible]

1	2	3	4	5	6	7	8	9	0	1	2	3
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**U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION**  
**RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE**  
**FLIGHT STANDARDS SERVICES - FAR PART 97.33**

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MSA 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012  
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SUSAP KSERK5SRW23 K5PG 0 18018002525 M

CITY AND STATE  
**SEYMOUR, IN**

ELEVATION: **583** TDZE: **580**  
AIRPORT NAME:  
**FREEMAN MUNI**

FACILITY  
IDENTIFIER:  
**RNAV**

PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:  
**RNAV (GPS) RWY 23, AMDT 2**  
**16 OCTOBER 2014**

SUP:  
AMDT: **1**  
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**U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION**  
**RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE**  
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ARINC SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
	DECEE	DECEE	010	IAF	IF		FB					
	DECEE	NAYIV	020		TF		FB	1.0	176.0 (174.0T)	015.2	AA 02400	
	JKUKA	JKUKA	010		IF		FB					
	JKUKA	NAYIV	020		TF		FO	2.0	353.1 (351.1T)	028.6	AA 03500	
	JKUKA	NAYIV	030	IAF	HF	R	FO		226.2 (224.2T)	004.0	AA 02400	
		NAYIV	010	FACF	IF		FB				AA 02400	
		CIDPO	020	FAF	TF		FB	0.5	226.2 (224.2T)	005.9	AA 02200	
		MAYED	021	SDF	TF		FB	0.3	226.1 (224.1T)	002.1	AA 01540	GS 01544
		RW23	030	MAP	TF		FO	0.3	226.1 (224.1T)	002.9	AT 00620	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		226.1 (224.1T)		AA 00830	
	JIRIP	050		DF		FO				AA 02500	
	JIRIP	060		HM	R	FO		046.0 (044.0T)	004.0	AA 02500	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	CIDPO	N385918.48	W0854912.74	N3859.308	W08549.212
	DECEE	N391841.36	W0854556.84	N3918.689	W08545.947
	JIRIP	N384735.58	W0860343.09	N3847.593	W08603.718
	JKUKA	N383517.80	W0853813.92	N3835.297	W08538.232
	MAYED	N385749.63	W0855103.15	N3857.827	W08551.053
	NAYIV	N390334.33	W0854354.18	N3903.572	W08543.903
	RW23	N385544.57	W0855338.38	N3855.743	W08553.640

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW23	00580	40

CITY AND STATE <b>SEYMOUR, IN</b>	ELEVATION: <b>583</b>	TDZE: <b>580</b>	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
	AIRPORT NAME:			<b>RNAV (GPS) RWY 23, AMDT 2</b>	AMDT: <b>1</b>
	<b>FREEMAN MUNI</b>		<b>RNAV</b>	<b>16 OCTOBER 2014</b>	DATED: <b>05/10/2007</b>