

<b>US DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION</b>		<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: RW32  CLIMB TO 2600 DIRECT RUYOT AND HOLD.  <b>ADDITIONAL FLIGHT DATA:</b> HOLD NW, RT, 135.99 INBOUND. CHART FAS OBST: 887 TOWER 385311N/0855306W CHART 916 TOWER 385039N/0854926W. DISTANCE TO THLD FROM 279 HAT: 0.76 NM. CHART VDP AT 1.56 MILES TO RW32* *LNAV ONLY. WAAS CHANNEL # 99403 REFERENCE PATH ID: W32A CHART CIRCLING ICON. LTP HAE: 140.2 M											
JKUKA (IAF)	ZEKAM (NOPT) (FB)	341.56 / 12.53	3500												
ZEKAM (IF/IAF)	WABTU (FB)	316.23 / 5.92	2400												
WABTU (FAF)	RW32 (MAP) (FO)	316.16 / 5.62	2600												
RW32 (MAP)	853 MSL	316.16													
853 MSL	RUYOT (FO)														
1. PT <u>      </u> SIDE OF COURSE <u>      </u> OUTBOUND <u>      </u> FT WITHIN <u>      </u> MILES OF <u>      </u> (IAF) 2. HOLD SE ZEKAM, RT, 316.23 INBOUND, 2400 FT. IN LIEU OF PT (IAF) 3. FAC: <u>316.16</u> FAF: <u>WABTU</u> DIST FAF TO MAP: <u>5.62</u> THLD: <u>5.62</u> 4. MIN. ALT: ZEKAM 3500, WABTU 2400 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>2400</u> GS ALT AT: <u>WABTU 2400</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 NOT CLEAR 8. MSA FROM: <u>RW32 2500</u>				MAG VAR: 2W                      EPOCH YEAR: 1985											
MINIMUMS															
TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT				ALTERNATE: N A X											
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	859	1	285	859	1	285	859	1	285	859	1	285			
LNAV/VNAV DA	853	1	279	853	1	279	853	1	279	853	1	279			
LNAV MDA	1100	1	526	1100	1	526	1100	1 1/2	526	1100	1 1/2	526			
CIRCLING	1100	1	517	1100	1	517	1300	2	717	1300	2 1/4	717			
<b>NOTES:</b> 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, (SEE FORM 8260-10)															
CITY AND STATE  SEYMOUR, IN		ELEVATION: 583      TDZE: 574 AIRPORT NAME:  FREEMAN MUNI		FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 32, AMDT 1 16 OCTOBER 2014				SUP: AMDT:      ORIG 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.):**

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

CHART NOTE: DME/DME RNP-0.3 NA.

CHART PLANVIEW NOTE: RADAR REQUIRED.

CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.

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

CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.

CITY AND STATE  
SEYMOUR, IN

ELEVATION: 583 TDZE: 574  
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FREEMAN MUNI

FACILITY  
IDENTIFIER:  
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:  
RNAV (GPS) RWY 32, AMDT 1  
16 OCTOBER 2014

SUP:  
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RNAV STANDARD INSTRUMENT APPROACH PROCEDURE  
FLIGHT STANDARDS SERVICE - FAR PART 97.33

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FAS DATA BLOCK INFORMATIONDATA FIELDDATA

OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KSER
RUNWAY	RW32
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W32A
LTP/FTP LATITUDE	385505.5360N
LTP/FTP LONGITUDE	0855425.4600W
LTP/FTP ELLIPSOIDAL HEIGHT	+01402
FPAP LATITUDE	385607.5940N
FPAP LONGITUDE	0855547.4605W
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

55E491BF

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+01741
FPAP ORTHOMETRIC HEIGHT	+01741

CITY AND STATE

SEYMOUR, IN

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RNAV (GPS) RWY 32, AMDT 1

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[illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP KSERK5FR32	AJKUKA	010JKUKAK5EA0E	A	IF						18000		A JS	
SUSAP KSERK5FR32	AJKUKA	020ZEKAMK5EA0EE	B	010TF		34160125		+ 03500				A JS	
SUSAP KSERK5FR32	AZEKAM	010ZEKAMK5EA0EE	AR	HF		31620040		+ 02400		18000		A JS	
SUSAP KSERK5FR32	R	010ZEKAMK5EA0E	I	IF				+ 02400		18000		A JS	
SUSAP KSERK5FR32	R	020WABTUK5EA1E	F	051TF		31620059		+ 02400			RW32	K5PGA JS	
SUSAP KSERK5FR32	R	020WABTUK5EA2WALPV			ALNAV/VNAV	ALNAV						JS	
SUSAP KSERK5FR32	R	030RW32 K5PG0GY	M	031TF		31620056		00611		-300		A JS	
SUSAP KSERK5FR32	R	040		0 M	CA	3162		+ 00853				A JS	
SUSAP KSERK5FR32	R	050RUYOTK5EA0EY		DF				+ 02600				A JS	
SUSAP KSERK5FR32	R	060RUYOTK5EA0EE		R020HM		13600040		+ 02600				A JS	

[illegible][illegible][illegible]

CITY AND STATE <b>SEYMOUR, IN</b>	ELEVATION: <b>583</b> AIRPORT NAME: <b>FREEMAN MUNI</b>	TDZE: <b>574</b>	FACILITY IDENTIFIER:  <b>RNAV</b>	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: <b>RNAV (GPS) RWY 32, AMDT 1</b>  16 OCTOBER 2014	SUP:
					AMDT: <b>ORIG</b>
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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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ARINC SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
	JKUKA	JKUKA	010	IAF	IF		FB					
	JKUKA	ZEKAM	020		TF		FB	1.0	341.6 (339.6T)	012.5	AA 03500	
	ZEKAM	ZEKAM	010	IAF	HF	R	FO		316.2 (314.2T)	004.0	AA 02400	
		ZEKAM	010	FACF	IF		FB				AA 02400	
		WABTU	020	FAF	TF		FB	0.5	316.2 (314.2T)	005.9	AA 02400	
		RW32	030	MAP	TF		FO	0.3	316.2 (314.2T)	005.6	AT 00611	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		316.2 (314.2T)		AA 00853	
	RUYOT	050		DF		FO				AA 02600	
	RUYOT	060		HM	R	FO	2.0	136.0 (134.0T)	004.0	AA 02600	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	JKUKA	N383517.80	W0853813.92	N3835.297	W08538.232
	RUYOT	N390400.21	W0860613.80	N3904.004	W08606.230
	WABTU	N385110.64	W0854915.63	N3851.177	W08549.261
	ZEKAM	N384702.65	W0854349.68	N3847.044	W08543.828
	RW32	N385505.54	W0855425.46	N3855.092	W08554.424

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW32	00571	40

CITY AND STATE <b>SEYMOUR, IN</b>	ELEVATION: <b>583</b>	TDZE: <b>574</b>	FACILITY IDENTIFIER:  <b>RNAV</b>	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: <b>RNAV (GPS) RWY 32, AMDT 1</b> 16 OCTOBER 2014	SUP:
	AIRPORT NAME: <b>FREEMAN MUNI</b>				AMDT: <b>ORIG</b>
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