

<b>RNAV - STANDARD</b> <b>INSTRUMENT APPROACH PROCEDURE</b> <b>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. Cellings 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 3000 DIRECT ZERNU AND HOLD.  <b>ADDITIONAL FLIGHT DATA:</b> HOLD NW, RT, 147.74 INBOUND. CHART FAS OBST: 1379 TREE 454141N/0945432W OBST: 1539 AAO 453828N/0945251W DISTANCE TO THLD FROM 250 HAT: 0.66 NM. CHART VDP AT 1.13 MILES TO RW32* *LNAV ONLY. WAAS CHANNEL # 56622 REFERENCE PATH ID: W32A CHART CIRCLING ICON LTP HAE: 351.4 M							
ARMUW		VOCAB (FO)		066.78 / 17.56		3000									
DWN VORTAC (IAF)		VOCAB (NOPT) (FB)		328.61 / 31.17		3000									
TLBAT (IAF)		WINIV (NOPT) (FB)		261.67 / 11.00		3300									
WINIV		VOCAB (FB)		261.47 / 8.67		3000									
VOCAB (IF/IAF)		BANVY (FB)		327.93 / 6.03		2800									
BANVY (FAF)		IYACA/1.80 NM TO RW32 (FB)		327.88 / 2.97											
(SEE FORM 8260-10)															
1. PT <u>      </u> SIDE OF COURSE <u>      </u> OUTBOUND <u>      </u> FT WITHIN <u>      </u> MILES OF <u>      </u> (IAF) 2. HOLD SE VOCAB, RT, 327.93 INBOUND, 3000 FT. IN LIEU OF PT (IAF) 3. FAC: <u>327.88</u> FAF: <u>BANVY</u> DIST FAF TO MAP: <u>4.77</u> THLD: <u>4.77</u> 4. MIN. ALT: <u>VOCAB 3000, BANVY 2800, IYACA/1.80 NM TO RW32 1840*</u> 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>2800</u> GS ALT AT: <u>BANVY 2800</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 3600</u>								MAG VAR: 3E EPOCH YEAR: 2000							
<b>MINIMUMS</b>															
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	1492	1	250	1492	1	250		NA			NA				
LNAV/VNAV DA	1541	1	299	1541	1	299		NA			NA				
LNAV MDA	1640	1	398	1640	1	398		NA			NA				
CIRCLING	1700	1	456	1740	1	496		NA			NA				
NOTES: CHART NOTE: BARO-VNAV NA WHEN USING GLENWOOD ALTIMETER SETTING. @ NA WHEN LOCAL WEATHER NOT AVAILABLE. CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -17C (2F) OR ABOVE 54C (130F). CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE GLENWOOD ALTIMETER SETTING AND INCREASE ALL DA/MDA 60 FEET, AND INCREASE LNAV/VNAV ALL CATS VISIBILITY 1/4 MILE. (SEE FORM 8260-10)															
CITY AND STATE		ELEVATION: 1244 TDZE: 1242		FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP:					
SAUK CENTRE, MN		AIRPORT NAME:		SAUK CENTRE MUNI		RNAV (GPS) RWY 32, AMDT 1 13 NOVEMBER 2014				AMDT: ORIG					
										DATED 08/25/2011					

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

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**TERMINAL ROUTES, (CONT.):**

FROM	TO	COURSE AND DISTANCE	ALTITUDE
IYACA/1.80 NM TO RW32	RW32 (MAP) (FO)	327.88 / 1.80	
RW32 (MAP)	1492 MSL	327.88	
1492 MSL	ZERNU (FO)		3000

**NOTES, (CONT.):**

CHART NOTE: DME/DME RNP-0.3 NA.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT ARMUW ON V175 SOUTHBOUND.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT TLBAT ON V2 SOUTHEAST BOUND.

\*LNAV ONLY

CHART NOTE: VDP NA WITH GLENWOOD ALTIMETER SETTING.

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

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON DWN VORTAC AIRWAY RADIALS 261 CW 321.

CHART NOTE: NIGHT LANDING: RWY 8, 26 NA.

**CITY AND STATE**

SAUK CENTRE, MN

**ELEVATION:** 1244

**TDZE:** 1242

**AIRPORT NAME:**

SAUK CENTRE MUNI

**FACILITY IDENTIFIER:**

RNAV

**PROCEDURE NO./AMDT NO./EFFECTIVE DATE:**

RNAV (GPS) RWY 32, AMDT 1

13 NOVEMBER 2014

**SUP:**

**AMDT:** ORIG

**DATED:** 08/25/2011

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

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**FAS DATA BLOCK INFORMATION****DATA FIELD****DATA**

OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	D39
RUNWAY	RW32
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W32A
LTP/FTP LATITUDE	454204.0190N
LTP/FTP LONGITUDE	0945548.4060W
LTP/FTP ELLIPSOIDAL HEIGHT	+03514
FPAP LATITUDE	454321.8045N
FPAP LONGITUDE	0945650.3725W
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	1744
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

**CRC REMAINDER**

A3526668

**ADDITIONAL PATH POINT RECORD INFORMATION**

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+03780
FPAP ORTHOMETRIC HEIGHT	+03780

CITY AND STATE

SAUK CENTRE, MN

ELEVATION: 1244

TDZE: 1242

AIRPORT NAME:

SAUK CENTRE MUNI

FACILITY  
IDENTIFIER:  
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 32, AMDT 1

13 NOVEMBER 2014

SUP:

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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 PACKET - 424-18 - RNAV (GPS)

[illegible][illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP D39 K3FR32	AARMUW	010ARMUWK3EA0E	IF							18000		A JS	
SUSAP D39 K3FR32	AARMUW	020VOCABK3EA0EY	020TF			06680176	+	03000				A JS	
SUSAP D39 K3FR32	AARMUW	030VOCABK3EA0EE	AR HF			32790040	+	03000				A JS	
SUSAP D39 K3FR32	ADWN	010DWN K3D 0V	A IF							18000		A JS	
SUSAP D39 K3FR32	ADWN	020VOCABK3EA0EE	B 010TF			32860312	+	03000				A JS	
SUSAP D39 K3FR32	ATLBAT	010TLBATK3EA0E	A IF							18000		A JS	
SUSAP D39 K3FR32	ATLBAT	020WINIVK3EA0E	010TF			26170110	+	03300				A JS	
SUSAP D39 K3FR32	ATLBAT	030VOCABK3EA0EE	B 010TF			26150087	+	03000				A JS	
SUSAP D39 K3FR32	R	010VOCABK3EA0E	I IF				+	03000		18000		A JS	
SUSAP D39 K3FR32	R	020BANVYK3EA1E	F 051TF			32790060	+	02800			RW32 K3PGA	JS	
SUSAP D39 K3FR32	R	020BANVYK3EA2WALPV		ALNAV/VNAV	ALNAV							JS	
SUSAP D39 K3FR32	R	021IYACAK3EA0E	S 031TF			32790030	V	0184001853		-300		A JS	
SUSAP D39 K3FR32	R	030RW32 K3PG0GY	M 031TF			32790018		01280		-300		A JS	
SUSAP D39 K3FR32	R	040	0 M CA			3279	+	01492				A JS	
SUSAP D39 K3FR32	R	050ZERNUK3EA0EY	DF				+	03000				A JS	
SUSAP D39 K3FR32	R	060ZERNUK3EA0EE	R HM			14770040	+	03000				A JS	

[illegible]

CITY AND STATE <b>SAUK CENTRE, MN</b>	ELEVATION: <b>1244</b> AIRPORT NAME: <b>SAUK CENTRE MUNI</b>	TDZE: <b>1242</b>	FACILITY IDENTIFIER:  <b>RNAV</b>	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: <b>RNAV (GPS) RWY 32, AMDT 1</b> 13 NOVEMBER 2014	SUP:
					AMDT: <b>ORIG</b>
					DATED: <b>08/25/2011</b>

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION  
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SUSAP D39 K3GRW32 0032963278 N45420402W094554841+0000 +0351401240000040060R

[illegible]

SUSAP D39 K3PR32 RW32 001 0000W32A0N4542040190W09455484060+035140300N4543218045W09456503725106751744000400F400500A3526668  
SUSAP D39 K3PR32 RW32 002E +03780+03780LPV 56622

[illegible]

SUSAP D39 K3SRW32 K3PG	0	18018003625	M
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CITY AND STATE  
SAUK CENTRE, MN

ELEVATION: 1244	TDZE: 1242
AIRPORT NAME: SAUK CENTRE MUNI	

FACILITY  
IDENTIFIER:  
RNAV

PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:  
**RNAV (GPS) RWY 32, AMDT 1**  
**13 NOVEMBER 2014**

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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
ARMUW	ARMUW	ARMUW	010		IF		FB					
ARMUW	VOCAB	VOCAB	020		TF		FO	2.0	066.8 (069.8T)	017.6	AA 03000	
ARMUW	VOCAB	VOCAB	030	IAF	HF	R	FO		327.9 (330.9T)	004.0	AA 03000	
DWN	DWN	DWN	010	IAF	IF		FB					
DWN	VOCAB	VOCAB	020		TF		FB	1.0	328.6 (331.6T)	031.2	AA 03000	
TLBAT	TLBAT	TLBAT	010	IAF	IF		FB					
TLBAT	WINIV	WINIV	020		TF		FB	1.0	261.7 (264.7T)	011.0	AA 03300	
TLBAT	VOCAB	VOCAB	030		TF		FB	1.0	261.5 (264.5T)	008.7	AA 03000	
	VOCAB	VOCAB	010	FACF	IF		FB				AA 03000	
	BANVY	BANVY	020	FAF	TF		FB	0.5	327.9 (330.9T)	006.0	AA 02800	
	IYACA	IYACA	021	SDF	TF		FB	0.3	327.9 (330.9T)	003.0	AA 01840	GS 01853
	RW32	RW32	030	MAP	TF		FO	0.3	327.9 (330.9T)	001.8	AT 01280	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		327.9 (330.9T)		AA 01492	
	ZERNU	050		DF		FO				AA 03000	
	ZERNU	060		HM	R	FO		147.7 (150.7T)	004.0	AA 03000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	DWN	N450514.87	W0942713.86	N4505.248	W09427.231
	ARMUW	N452636.41	W0951145.54	N4526.607	W09511.759
	BANVY	N453753.98	W0945229.59	N4537.900	W09452.493
	IYACA	N454029.72	W0945433.36	N4540.495	W09454.556
	TLBAT	N453431.10	W0942027.16	N4534.518	W09420.453
	VOCAB	N453238.00	W0944819.15	N4532.633	W09448.319
	WINIV	N453328.74	W0943602.41	N4533.479	W09436.040
	ZERNU	N455157.86	W0950343.01	N4551.964	W09503.717
	RW32	N454204.02	W0945548.41	N4542.067	W09455.807

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW32	01240	40

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