

RNAV - 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			LPV: DA LNAV/VNAV: DA LNAV: RW09 CLIMB TO 2400 DIRECT LYKES AND HOLD. ADDITIONAL FLIGHT DATA: HOLD W, RT, 093.36 INBOUND. CHART FAS OBST: 817 TREE 410556N/0863836W CHART TWELVE MILE EAST AND WEST MOA. DISTANCE TO THLD FROM 287 HAT: 0.77 NM. WAAS CHANNEL # 42638 REFERENCE PATH ID: W09A CHART CIRCLING ICON CHART STARKE COUNTY AWOS-3 LTP HAE: 181.4 M					
NOJTE (IAF)	ITELE (NOPT) (FB)			003.05 / 6.65			2400								
IJEPU (IAF)	ITELE (NOPT) (FB)			183.05 / 6.65			2400								
ITELE (IF/IAF)	LFAST (FB)			093.05 / 5.00			2400								
LFAST (FAF)	CEILI/1.50 NM TO RW09			093.12 / 3.68											
CEILI/1.50 NM TO RW09	RW09 (MAP) (FO)			093.12 / 1.50											
RW09 (MAP)	995 MSL			093.12											
995 MSL	LYKES (FO)						2400								
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. HOLD W ITELE, RT, 093.05 INBOUND, 2400 FT. IN LIEU OF PT (IAF) 3. FAC: 093.12 FAF: LFAST DIST FAF TO MAP: 5.18 THLD: 5.18 4. MIN. ALT: ITELE 2400, LFAST 2400, CEILI/1.50 NM TO RW09 1220* 5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____ 6. MIN GS INCPT: 2400 GS ALT AT: LFAST 2400 OM: _____ MM: _____ IM: _____ 7. GS ANGLE: 3.00 TCH: 45.0 34:1 IS NOT CLEAR 8. MSA FROM: _____										MAG VAR: 3W EPOCH YEAR: 2000					
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	995	1	287	995	1	287	995	1	287		NA				
LNAV/VNAV DA	1132	1 1/2	424	1132	1 1/2	424	1132	1 1/2	424		NA				
LNAV MDA	1120	1	412	1120	1	412	1120	1 1/8	412		NA				
CIRCLING	1240	1	532	1240	1	532	1480	2 1/4	772		NA				
NOTES: CHART NOTE: BARO-VNAV NA. CHART NOTE: USE KNOX ALTIMETER SETTING; WHEN NOT RECEIVED, USE ROCHESTER ALTIMETER SETTING AND INCREASE ALL DA/MDA 20 FEET AND LNAV CAT C VISIBILITY 1/8 MILE. CHART NOTE: DME/DME RNP-0.3 NA. (CONTINUED ON PAGE 2)															
CITY AND STATE		ELEVATION: 708 TDZE: 708				FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP:			
WINAMAC, IN		AIRPORT NAME: ARENS FIELD						RNAV (GPS) RWY 9, AMDT 1 31 MARCH 2016				AMDT: ORIG			
												DATED 10/05/2000			



US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV - 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.

NOTES, (CONT.):

*LNAV ONLY

CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).

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

TAA

	FROM	TO	ALT
1.	003/30 CW 183/30 (NOPT)	003/15 CW 183/15	3000
2.	003/15 CW 183/15	ITELE (IF/IAF) (FB)	2400
3.	183/30 CW 273/30	IJEPJ (IAF) (FB)	3000
4.	273/30 CW 003/30	NOJTE (IAF) (FB)	3000

QUALITY
16
CHECKED

CITY AND STATE WINAMAC, IN	ELEVATION: 708 AIRPORT NAME: ARENS FIELD	TDZE: 708	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 9, AMDT 1 31 MARCH 2016	SUP:
					AMDT: ORIG
					DATED: 10/05/2000

**RNAV STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR 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.

FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KRWN
RUNWAY	RW09
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W09A
LTP/FTP LATITUDE	410532.2195N
LTP/FTP LONGITUDE	0863713.7460W
LTP/FTP ELLIPSOIDAL HEIGHT	+01814
FPAP LATITUDE	410531.8920N
FPAP LONGITUDE	0863515.9055W
THRESHOLD CROSSING HEIGHT (TCH)	00045.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1472
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
 <u>CRC REMAINDER</u>	 58D94E79

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+02151
FPAP ORTHOMETRIC HEIGHT	+02151

QUALITY
16
CHECKED

CITY AND STATE WINAMAC, IN	ELEVATION: 708 AIRPORT NAME: ARENS FIELD	TDZE: 708 RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 9, AMDT 1 31 MARCH 2016	SUP:
				AMDT: ORIG
				DATED: 10/05/2000

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICES - 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.

ARINC SUMMARY - KRWN

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
IJEP	010	IJEP	IF	FB										E A
IJEP	020	ITELE	TF	FB	1.0	183.1						AA 02400		EE B
ITELE	010	ITELE	HF	FO		093.1			R			AA 02400		EE A
NOJTE	010	NOJTE	IF	FB										E A
NOJTE	020	ITELE	TF	FB	1.0	003.1						AA 02400		EE B
	010	ITELE	IF	FB								AA 02400		E I
	020	LFAST	TF	FB	0.5	093.1						AA 02400		E F
	021	CEILI	TF	FB	0.3	093.1		3.00				AA 01220 GS 01228		E S
	030	RW09	TF	FO	0.3	093.1		3.00				AT 00751		GY M
	040		CA	FB		093.1						AA 00995		M
	050	LYKES	DF	FO								AA 02400		EY
	060	LYKES	HM	FO		093.4			R			AA 02400		EE

POINTS

POINT NAME	LATITUDE	LONGITUDE
CEILI	N410532.52	W0863912.78
IJEP	N411212.79	W0865041.04
ITELE	N410533.57	W0865041.52
LFAST	N410533.10	W0864404.75
LYKES	N410529.06	W0862258.90
NOJTE	N405854.33	W0865042.00

RUNWAYS

RUNWAY	THRESHOLD LATITUDE	THRESHOLD LONGITUDE	THRESHOLD ELEVATION	PROCEDURE TCH
RW09	N410532.22	W0863713.75	00706	45

QUALITY
16
CHECKED

CITY AND STATE WINAMAC, IN	ELEVATION: 708 TDZE: 708	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
	AIRPORT NAME: ARENS FIELD	RNAV	RNAV (GPS) RWY 9, AMDT 1	AMDT: ORIG
			31 MARCH 2016	DATED: 10/05/2000