

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.

TERMINAL ROUTES				MISSED APPROACH	
FROM	TO	COURSE AND DISTANCE	ALTITUDE		
OUTTA (IF/IAF)	NUVSE (FB)	002.06 / 6.10	2600	LPV: DA LNAV/VNAV: DA LNAV: RW36	
NUVSE (FAF)	LOYEB/2.50 NM TO RW36 (FB)	002.07 / 2.62		CLIMB TO 2600 DIRECT WOCAZ AND HOLD.	
LOYEB/2.50 NM TO RW36	RW36 (MAP) (FO)	002.07 / 2.50			
RW36 (MAP)	1129 MSL	002.07			
1129 MSL	WOCAZ (FO)		2600	ADDITIONAL FLIGHT DATA: HOLD N, RT, 182.08 INBOUND. CHART FAS OBST: 1075 TOWER 381755N/0932022W DISTANCE TO THLD FROM 200 HATH: 0.50 NM. CHART VDP AT 1.17 MILES TO RW36* *LNAV ONLY. WAAS CHANNEL # 56635 REFERENCE PATH ID: W36A CHART CIRCLING ICON LTP HAE: 250.7 M	

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- HOLD S OUTTA, RT, 002.06 INBOUND, 2600 FT. IN LIEU OF PT (IAF)
- FAC: 002.07 FAF: NUVSE DIST FAF TO MAP: 5.12 THLD: 5.12
- MIN. ALT: OUTTA 2600, NUVSE 2600, LOYEB/2.50 NM TO RW36 1760*
- DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT:
- MIN GS INCPT: 2600 GS ALT AT: NUVSE 2600 OM: MM: IM:
- GS ANGLE: 3.00 TCH: 40.0 34:1 IS CLEAR
- MSA FROM:

MAG VAR: 1E EPOCH YEAR: 2015

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	1129	1	200	1129	1	200	1129	1	200	1129	1	200				
LNAV/VNAV DA	1208	1	279	1208	1	279	1208	1	279	1208	1	279				
LNAV MDA	1340	1	411	1340	1	411	1340	1 1/8	411	1340	1 1/8	411				
CIRCLING	1340	1	404	1400	1	464	1580	1 3/4	644	1580	2	644				

NOTES:
CHART NOTE: BARO-VNAV AND VDP NA WHEN USING CLINTON ALTIMETER SETTING.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C (4F) OR ABOVE 54C (130F).
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.
(SEE FORM 8260-10)

CITY AND STATE WARSAW, MO	ELEVATION: 936	THRE: 929	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 36, ORIG 13 NOVEMBER 2014	SUP:
	AIRPORT NAME: WARSAW MUNI				AMDT: NONE
					DATED

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NOTES, (CONT.):

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE CLINTON ALTIMETER SETTING AND INCREASE ALL DA 53 FEET AND ALL MDA 60 FEET. INCREASE LNAV/VNAV ALL CATS VISIBILITY TO 1 1/8 MILE, LNAV CATS C/D VISIBILITY TO 1 3/8 MILE AND CIRCLING CAT C VISIBILITY TO 2 AND CAT D VISIBILITY TO 2 1/4 MILE.

TAA

	FROM	TO	ALT
1.	272/30 CW 092/30 (NOPT)	272/15 CW 092/15	2800
	272/15 CW 092/15	OUTTA (IF/IAF) (FB)	2600
2.	092/30 CW 272/30	OUTTA (IF/IAF) (FO)	2900

CITY AND STATE WARSAW, MO	ELEVATION: 936	THRE: 920	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
	AIRPORT NAME: WARSAW MUNI			RNAV (GPS) RWY 36, ORIG 13 NOVEMBER 2014	AMDT: NONE
					DATED:

**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	KRAW
RUNWAY	RW36
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W36A
LTP/FTP LATITUDE	382032.5100N
LTP/FTP LONGITUDE	0932044.7400W
LTP/FTP ELLIPSOIDAL HEIGHT	+02507
FPAP LATITUDE	382201.5800N
FPAP LONGITUDE	0932038.6700W
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	1528
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0

CRC REMAINDER 05D95801

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+02830
FPAP ORTHOMETRIC HEIGHT	+02830

CITY AND STATE WARSAW, MO	ELEVATION: 936 THRE: 929	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 36, ORIG 13 NOVEMBER 2014	SUP:
	AIRPORT NAME: WARSAW MUNI			AMDT: NONE
				DATED:

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
	OUTTA	OUTTA	010	IAF	HF	R	FO		002.1(003.1T)	004.0	AA 02600	
		OUTTA	010	FACF	IF		FB				AA 02600	
		NUVSE	020	FAF	TF		FB	0.5	002.1(003.1T)	006.1	AA 02600	
		LOYEB	021	SDF	TF		FB	0.3	002.1(003.1T)	002.6	AA 01760	GS 01765
		RW36	030	MAP	TF		FO	0.3	002.1(003.1T)	002.5	AT 00969	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		002.1(003.1T)		AA 01129	
	WCAZ	050		DF		FO				AA 02600	
	WCAZ	060		HM	R	FO		182.1(183.1T)	004.0	AA 02600	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	LOYEB	N381802.57	W0932054.95	N3818.043	W09320.916
	NUVSE	N381525.24	W0932105.64	N3815.421	W09321.094
	OUTTA	N380919.55	W0932130.45	N3809.326	W09321.508
	WCAZ	N383224.32	W0931956.14	N3832.405	W09319.936
	RW36	N382032.51	W0932044.74	N3820.542	W09320.746

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW36	00929	40



CITY AND STATE WARSAW, MO	ELEVATION: 936	THRE: 929	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
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					DATED: