

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 4000 DIRECT WHINR AND HOLD. ADDITIONAL FLIGHT DATA: HOLD E, RT, 273.25 INBOUND. CHART FAS OBST: 1443 TOWER 411210N/0811750W DISTANCE TO THLD FROM 250 HATH: 0.66 NM. WAAS CHANNEL # 77735 REFERENCE PATH ID: W09A CHART CIRCLING ICON LTP HAE: 330.4 M											
IWWEB (IF/IAF)	WUNIS (FB)	092.92 / 6.10	2800												
WUNIS (FAF)	RW09 (MAP) (FO)	093.01 / 4.92	4000												
RW09 (MAP)	1444 MSL	093.01													
1444 MSL	WHINR (FO)														
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. HOLD W IWWEB, RT, 092.92 INBOUND, 4000 FT. IN LIEU OF PT (IAF) 3. FAC: 093.01 FAF: WUNIS _____ DIST FAF TO MAP: 4.92 THLD: 4.92 4. MIN. ALT: IWWEB 4000, WUNIS 2800 5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____ 6. MIN GS INCPT: 2800 GS ALT AT: WUNIS 2800 _____ OM: _____ MM: _____ IM: _____ 7. GS ANGLE: 3.00 TCH: 40.0 34:1 IS NOT CLEAR 8. MSA FROM: _____				MAG VAR: 8W EPOCH YEAR: 2010											
MINIMUMS															
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	1444	1	250	1444	1	250	1444	1	250		NA				
LNAV/VNAV DA	1503	1	309	1503	1	309	1503	1	309		NA				
LNAV MDA	1760	1	566	1760	1	566	1760	1 5/8	566		NA				
CIRCLING	1760	1	562	1800	1	602	1920	2	722		NA				
NOTES: CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -17C (2F) OR ABOVE 54C (130F). @ NA WHEN LOCAL WEATHER NOT AVAILABLE. CHART NOTE: DME/DME RNP-0.3 NA. CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE AKRON-CANTON RGNL ALTIMETER SETTING AND INCREASE ALL DA 50 FEET AND ALL MDA 60 FEET, INCREASE LPV CATS A AND B AND LNAV CAT C (SEE FORM 8260-10)															
CITY AND STATE				ELEVATION: 1198 THRE: 1194		FACILITY IDENTIFIER:		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP:			
RAVENNA, OH				AIRPORT NAME:		RNAV		RNAV (GPS) RWY 9, ORIG				AMDT: NONE			
				PORTAGE COUNTY				3 APRIL 2014				DATED			

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

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NOTES, (CONT.):

VISIBILITY 1/8 MILE, LNAV/VNAV ALL CATS AND CIRCLING CAT C VISIBILITY 1/4 MILE.

CHART NOTE: BARO-VNAV NA WITH AKRON-CANTON RGNL ALTIMETER SETTING.

CHART NOTE: PROCEDURE NA AT NIGHT.

CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.

TAA

	FROM	TO	ALT
1.	003/30 CW 183/30 (NOPT)	IWWEB (IF/IAF) (FB)	4000
2.	183/30 CW 003/30	IWWEB (IF/IAF) (FO)	4000

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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	KPOV
RUNWAY	RW09
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W09A
LTP/FTP LATITUDE	411235.1795N
LTP/FTP LONGITUDE	0811528.6550W
LTP/FTP ELLIPSOIDAL HEIGHT	+03304
FPAP LATITUDE	411242.8090N
FPAP LONGITUDE	0811331.0345W
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	1688
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER

C910969D

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+03640
FPAP ORTHOMETRIC HEIGHT	+03640

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[illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP KPOVK5FR09	AIWWEB	010IWWEBK5EA0EE	AR	HF		09290040		+ 04000	18000			A JS	
SUSAP KPOVK5FR09	R	010IWWEBK5EA0E	I	IF				+ 04000	18000			A JS	
SUSAP KPOVK5FR09	R	020WUNISK5EA1E	F	051TF		09290061		+ 02800				A JS	
SUSAP KPOVK5FR09	R	020WUNISK5EA2WALPV			ALNAV/VNAV	ALNAV						JS	
SUSAP KPOVK5FR09	R	030RW09	K5PG0GY	M	031TF	09300049		01234		-300		A JS	
SUSAP KPOVK5FR09	R	040		0	M	CA	0930		+ 01444			A JS	
SUSAP KPOVK5FR09	R	050WHINRK5EA0EY		DF				+ 04000				A JS	
SUSAP KPOVK5FR09	R	060WHINRK5EA0EE	R	HM		27330040		+ 04000				A JS	

[illegible][illegible]

CITY AND STATE RAVENNA, OH	ELEVATION: 1198 THRE: 1194 AIRPORT NAME: PORTAGE COUNTY	FACILITY IDENTIFIER: RNAV	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: RNAV (GPS) RWY 9, ORIG 3 APRIL 2014	SUP:
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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
	IWWEB	IWWEB	010	IAP	HF	R	FO		092.9 (084.9T)	004.0	AA 04000	
		IWWEB	010	FACF	IF		FB				AA 04000	
		WUNIS	020	FAF	TF		FB	0.5	092.9 (084.9T)	006.1	AA 02800	
		RW09	030	MAP	TF		FO	0.3	093.0 (085.0T)	004.9	AT 01234	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		093.0 (085.0T)		AA 01444	
	WHINR	050		DF		FO				AA 04000	
	WHINR	060		HM	R	FO		273.3 (265.3T)	004.0	AA 04000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	IWWEB	N411137.54	W0813001.03	N4111.626	W08130.017
	WHINR	N411333.80	W0810010.76	N4113.563	W08100.179
	WUNIS	N411209.68	W0812158.06	N4112.161	W08121.968
	RW09	N411235.18	W0811528.66	N4112.586	W08115.478

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW09	01194	40

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