

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	LPV: DA LNAV/VNAV: DA LNAV: RW27 CLIMB TO 4000 DIRECT IWWEB AND HOLD. ADDITIONAL FLIGHT DATA: HOLD W, RT, 092.92 INBOUND. CHART FAS OBST: 1348 TREE 411254N/0811438W DISTANCE TO THLD FROM 273 HATH: 0.72 NM. WAAS CHANNEL # 49035 REFERENCE PATH ID: W27A CHART CIRCLING ICON LTP HAE: 329.9 M											
WHINR (IF/IAF)	FRDOM (FB)	273.25 / 6.10	2800												
FRDOM (FAF)	WYGLE/2.50 NM TO RW27 (FB)	273.16 / 2.41													
WYGLE/2.50 NM TO RW27	RW27 (MAP) (FO)	273.16 / 2.50													
RW27 (MAP)	1466 MSL	273.16													
1466 MSL	IWWEB (FO)		4000												
1. PT <u> </u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF) 2. HOLD E WHINR, RT, 273.25 INBOUND, 4000 FT. IN LIEU OF PT (IAF) 3. FAC: <u>273.16</u> FAF: <u>FRDOM</u> DIST FAF TO MAP: <u>4.91</u> THLD: <u>4.91</u> 4. MIN. ALT: <u>WHINR 4000, FRDOM 2800, WYGLE/2.50 NM TO RW27 2020*</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>FRDOM 2800</u> OM: <u> </u> MM: <u> </u> IM: <u> </u> 7. GS ANGLE: <u>3.00</u> TCH: <u>43.0</u> 34:1 IS NOT CLEAR 8. MSA FROM: <u> </u>				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	1466	1	273	1466	1	273	1466	1	273	NA					
LNAV/VNAV DA	1541	1 1/8	348	1541	1 1/8	348	1541	1 1/8	348	NA					
LNAV MDA	1640	1	447	1640	1	447	1640	1 3/8	447	NA					
CIRCLING	1740	1	542	1800	1	602	1920	2	722	NA					
NOTES: CHART NOTE: BARO-VNAV NA WHEN USING AKRON-CANTON RGNL ALTIMETER SETTING. CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -17C (2F) OR ABOVE 54C (130F). CHART NOTE: DME/DME RNP-0.3 NA. *LNAV ONLY (SEE FORM 8260-10)															
CITY AND STATE RAVENNA, OH		ELEVATION: 1198 THRE: 1193 AIRPORT NAME: PORTAGE COUNTY		FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 27, AMDT 1 3 APRIL 2014				SUP: AMDT: ORIG DATED 11/18/2010					

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

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NOTES, (CONT.):

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

CHART NOTE: PROCEDURE NA AT NIGHT.

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

TAA

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

CITY AND STATE
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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	RW27
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W27A
LTP/FTP LATITUDE	411238.1370N
LTP/FTP LONGITUDE	0811443.0525W
LTP/FTP ELLIPSOIDAL HEIGHT	+03299
FPAP LATITUDE	411230.4900N
FPAP LONGITUDE	0811640.6690W
THRESHOLD CROSSING HEIGHT (TCH)	00043.0
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

410FC21E

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+03636
FPAP ORTHOMETRIC HEIGHT	+03636

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[illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP KPOVK5FR27	AWHINR	010WHINRK5EA0EE	AR	HF			27330040	+	04000	18000		A	JS
SUSAP KPOVK5FR27	R	010WHINRK5EA0E	I	IF				+	04000	18000		A	JS
SUSAP KPOVK5FR27	R	020FRDOMK5EA1E	F	051TF			27330061	+	02800			A	JS
SUSAP KPOVK5FR27	R	020FRDOMK5EA2WALPV			ALNAV/VNAV	ALNAV							JS
SUSAP KPOVK5FR27	R	021WYGLEK5EA0E	S	031TF			27320024	V	0202002032	-300		A	JS
SUSAP KPOVK5FR27	R	030RW27 K5PG0GY	M	031TF			27320025		01236	-300		A	JS
SUSAP KPOVK5FR27	R	040		0 M	CA		2732	+	01466			A	JS
SUSAP KPOVK5FR27	R	050IWWEBK5EA0EY		DF				+	04000			A	JS
SUSAP KPOVK5FR27	R	060IWWEBK5EA0EE	R	HM			09290040	+	04000			A	JS

[illegible][illegible]

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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
	WHINR	WHINR	010	IAF	HF	R	FO		273.3 (265.3T)	004.0	AA 04000	
		WHINR	010	FACF	IF		FB				AA 04000	
		FRDOM	020	FAF	TF		FB	0.5	273.3 (265.3T)	006.1	AA 02800	
		WYGLE	021	SDF	TF		FB	0.3	273.2 (265.2T)	002.4	AA 02020 GS 02032	
		RW27	030	MAP	TF		FO	0.3	273.2 (265.2T)	002.5	AT 01236	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		273.2 (265.2T)		AA 01466	
	IWWEB	050		DF		FO				AA 04000	
	IWWEB	060		HM	R	FO		092.9 (084.9T)	004.0	AA 04000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	FRDOM	N411303.19	W0810814.08	N4113.053	W08108.235
	IWWEB	N411137.54	W0813001.03	N4111.626	W08130.017
	WHINR	N411333.80	W0810010.76	N4113.563	W08100.179
	WYGLE	N411250.94	W0811125.03	N4112.849	W08111.417
	RW27	N411238.14	W0811443.05	N4112.636	W08114.718

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW27	01193	43

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