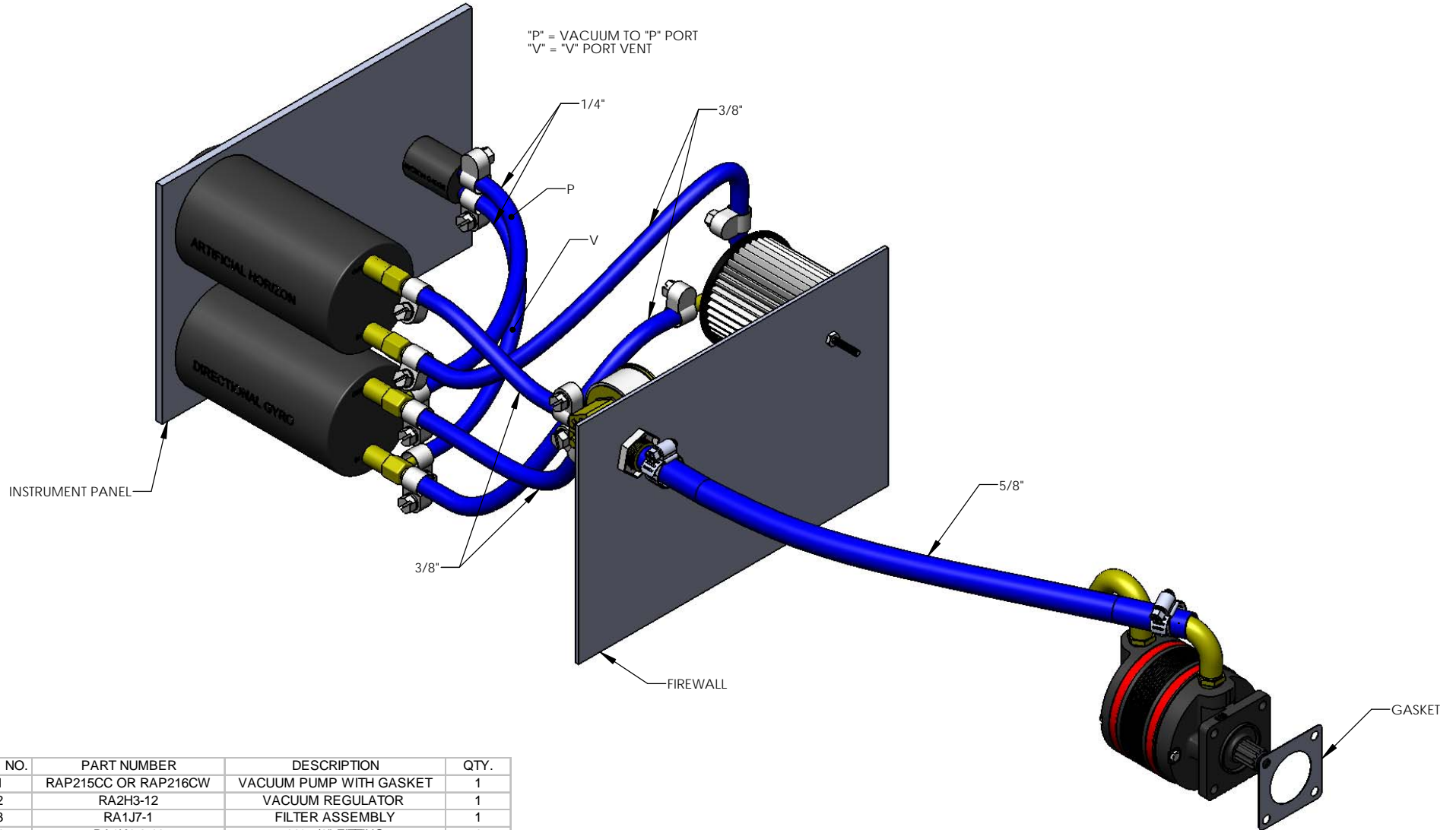


- NOTES:
- 1) USE SUPPLIED HOSE CLAMPS TO SECURE HOSES TO FITTINGS.
 - 2) AVOID SHARP BENDS OR KINKS IN HOSES.
 - 3) SPRAY THREADED FITTINGS WITH SILICONE SPRAY BEFORE INSTALLATION.
 - 4) BEFORE FLIGHT MAKE SURE SUCTION GAUGE IS WITHIN THE GREEN ARC THROUGHOUT THE NORMAL OPERATION RANGE OF ENGINE RPM. TO ADJUST, BEND LOCK TABS AWAY FROM ADJUSTING SCREW ON BOTTOM OF REGULATOR. TURN ADJUSTING SCREW CLOCKWISE TO INCREASE SUCTION, COUNTER-CLOCKWISE TO DECREASE, BEND LOCK TABS BACK.
 - 5) FOR USE ON EXPERIMENTAL AIRCRAFT ONLY. NOT APPROVED FOR USE ON FAA TYPE CERTIFIED AIRCRAFT. RAPCO INC. RECOMMENDS A STANDBY PNEUMATIC SYSTEM FOR YOU PRIMARY FLIGHT INSTRUMENTS, OR A BACK-UP ELECTRIC ATTITUDE INDICATOR FOR IFR FLIGHT.

INSTALLATION DIAGRAM FOR RAPCO VACUUM SYSTEM KIT (RECOMMENDED INSTALLATION)



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	RAP215CC OR RAP216CW	VACUUM PUMP WITH GASKET	1
2	RA2H3-12	VACUUM REGULATOR	1
3	RA1J7-1	FILTER ASSEMBLY	1
4	RA1K1-6-10	90° 5/8" FITTING	1
5	RA1K8-6-10	152° 5/8" FITTING	1
6	RA1K31-4-6-4	3/8" AND 1/4" T-FITTINGS	2
7	RA1K10-4-6	3/8" FITTING	2
8	SUCTION GAUGE		1
9	5/8" X 3' HOSE		1
10	3/8" X 5' HOSE		1
11	14" X 6" HOSE		1
12	#4 HOSE CLAMP		4
13	#8 HOSE CLAMP		10
14	INSTALLATION DIAGRAM		1

<p>UNLESS OTHERWISE SPECIFIED INTERPRETATION IN ACCORDANCE WITH ASME Y14.5 DIMENSIONS ARE IN INCHES FRACTIONAL # 1/64 X & 015 XX & 010 XXX & 005 ANGLES ± 1 FILET RADIUS .010 MAX EDGE BREAK .010 MAX SURFACE FINISH .32</p>		<p>RAPCO, INC. 445 CARDINAL LANE HARBELAND, WISCONSIN 53029 (262) 367-2292 www.rapcoinc.com</p>	
<p>DESCRIPTION: INSTALLATION DIAGRAM</p>		<p>MATERIAL: SEE BILL OF MATERIALS</p>	
<p>PROPRIETARY NOTICE THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF RAPCO, INC. ANY REPRODUCTION IN PART OR IN WHOLE WITHOUT THE WRITTEN PERMISSION OF RAPCO, INC. IS PROHIBITED.</p>		<p>DRAWN BY: LARRY CUDZEWICZ DATE: JUN/28/2010</p>	
<p>Release Date: JUN/28/2010</p>	<p>Production: RFF</p>	<p>Quality: SPL F</p>	<p>DATE: MAR/21/2010</p>
<p>Engineering: JLW</p>	<p>APPROVED BY: E</p>	<p>REVISION: E</p>	<p>DATE: JUN/28/2010</p>
<p>DEPARTMENT APPROVAL:</p>	<p>APPROVED BY:</p>	<p>REVISION:</p>	<p>ECN:</p>
<p>SCALE: DNS</p>	<p>SIZE: C</p>	<p>DRAWING NUMBER: 160-04001A</p>	<p>REVISION LEVEL: F</p>
<p>SHEET 1 OF 1</p>		<p>DATE: JUN/28/2010</p>	