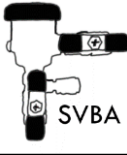
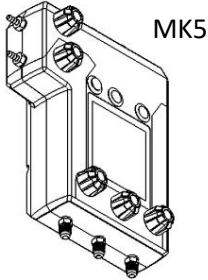


SVBA Test Using the Mako MK5 5-Valve Test Kit, per USC FCCCHR Manual 10

Step	Procedure	
1.	NOTIFY OWNER , identify, inspect, and observe assembly.	
2.	SETUP TEST <ol style="list-style-type: none"> a. Remove air inlet valve canopy b. Bleed water through the test cock c. Open the vent valve (loosen screw) then close the vent valve (tighten screw) d. Attach bleed-off valve arrangement to test cock e. Attach high side hose of MK5 to the bleed-off valve f. Verify MK5 is turned on and captured values are cleared (Hold Down the Back Button) g. Close all MK5 test kit valves Note: Install appropriate fittings if necessary	
3.	BLEED AIR FROM HOSE and ATTAIN SUPPLY PRESSURE <ol style="list-style-type: none"> a. Open test cock b. Open high side bleed valve of MK5 c. <i>Note: To aid in determining the opening of the air inlet valve, the area on top of the valve may be filled with the water from the bleed valve of MK5</i> d. Close the high side bleed valve e. Close #2 shutoff valve f. If you report supply pressure, once satisfied with the reading on the gauge RECORD <u>psid reading (Press the Capture Button) for the supply pressure</u> g. Verify the MK5's Rate-of-Change Graph is level with the vent valve h. Close #1 shutoff valve 	
4.	CHECK VALVE TEST <ol style="list-style-type: none"> a. Slowly Open vent valve (loosening or removing screw) b. Once flow of water from vent valve stops or is no more than a drip AND the reading on MK5 stabilizes: c. RECORD <u>psid reading (Press the Capture Button)</u> 	
5.	AIR INLET VALVE OPENING TEST <ol style="list-style-type: none"> a. Maintain the MK5 Rate-of-Change Graph at same level as the vent valve b. Slowly Open the high side bleed valve <i>no more than ¼ turn</i> c. RECORD <u>psid reading (Press the Capture Button) when air inlet valve opens</u> d. Close the high side bleed valve e. Remove the high side hose from the bleed-off valve to drain water from the body f. RECORD <u>whether the air inlet valve fully opens</u> g. Close test cock h. Close the vent valve (replace screw) 	
6.	REMOVE ALL EQUIPMENT <ol style="list-style-type: none"> a. Slowly open #1 shutoff valve b. Slowly open #2 shutoff valve c. Replace the air inlet valve canopy d. Remove all test equipment and fittings e. Open the high, low, bypass valves and the high/low bleed valves, drain water from hose(s) f. Notify owner g. Fill out test report 	



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