

SECTION: C 0100 – ICA OF INSTALLED EQUIPMENT
TYPE: 100 HOUR / 12 MONTH INSPECTION
NOTE:

MAINTENANCE ACTION		REFERENCE	MECHANIC'S INITIALS
C 0100.4 AAI Pc SAFETY VALVE KIT – AA-99066			
4.1	Check the Pc Safety Valve™ Knob for security and force required to rotate. If the knob is loose or difficult to rotate (cannot be actuated by hand), return the Pc Safety Valve TM to Aeronautical Accessories Inc. for repair/overhaul.		
4.2	Inspect all connecting lines to the Pc Safety Valves TM for chafing, dents (not to exceed .125 in. depth or having sharp radius), or cracking (none allowed), replace if damaged beyond limits.		
4.3	Check for the proper torque on each Pc line B-nut (80-120 in-lbs). CAUTION: Lines should be tightened only when the proper free state alignment of lines is obtained.		
4.4	Examine the Decals and the Flow Tape on the connecting lines for discoloration or cracking. Replace any Decal or Flow Tape that is not legible.		
4.5	Inspect the Safety Clips and the Valve contact surfaces for wear (not to exceed .005). Report any anomalies to Aeronautical Accessories Inc. (Phone 423-538-5151). Ensure the Pc Safety Valve TM Knob is Safety Clipped in the open position per Figures 4 through 6.		
4.6	Inspect the Bracket Assembly for cracks in the Bracket or welds (none allowed). Check the safety wire on the Valve to Bracket attaching Nut and the torque on the Pc Filter Retaining Clamp Bolt (30-40 in-lbs).		
C 0100.5 BELL BARRIER FILTER SYSTEM – AFS-BH206L3L4-IBF-KIT-ICA			
5.1	STRUCTURAL COMPONENT INSPECTIONS		
5.1.1	Visually inspect the following components:		
5.1.1.1	Air induction cowl.		
5.1.1.2	Access door.		
5.1.1.3	Adapter frame assembly.		
5.1.1.4	By-pass blower assembly.		
5.1.1.5	OML/IML covers and close out angles.		
5.2	SYSTEMS AND ELECTRICAL COMPONENT INSPECTIONS		
5.2.1	Visually inspect the following components:		
5.2.1.1	Wiring and wiring harness, connectors, back shells, circuit breaker, cockpit switch / indicator, differential pressure switch, filter maintenance Aid, and actuator.		