

Test Stand PAI - 002 - TS

Please refer to all safety regulations and guidelines designated in the Fluid Power & Control Manual before performing any maintenance or adjustments to stand

	Description of Maintenance	Condition	Date	Initial
1	Inspect test operating area			
	a. Clean are of debris or excess fluid			
	b. Check all connections to stand for leaks			
	c. Check for any structural damages			
	d. Check all labels are clear and legible			
	e. Check pump test area for debris or excess fluid			
	f. Check test area lighting for bad bulbs			
	g. Check vavles for proper start up positions			
2	Check fluid levels of reservoir tanks (2) (Half minimum)			
3	Inspect/Replace filter elements (3)			
	a. Main pressure IN filter			
	b. Main return filter (large)			
	c. Test pump return filter (large)			
4	Check for hose leaks, loose connections, or any damages			
	a. System A			
	b. System B			
	c. Test pump system			
	d. Return system			
6	Empty and clean out test tray resevoir			
	a. Check for large debris			
	b. Check tray for any issues for draining fluid			
	c. Drain all fluid from tray into proper filtered area			
7	Verfiy operation of Main Test Stand			
	a. Start system and verify pressure to system A			
	b. Start system and verify pressure to system B			
	c. Start system and verify pressure to 4-Way valve			
	d. Verify pressure to hand pump system			
8	Verify operation of Pump Test area			
	a. Test for flow to system			
	b. Check flow monitor to system			
	c. Check drain and test hose for system			
9	Acidity test of Skydrol Fluids (2 Reservoir tanks)			
10	Check pressure gauge calibrations			
	a. Main pressure gauge IN			
	b. 4-Way pressure gauge			
	c. Manual pump pressure gauge			
	d. Auxillary pressure gauges on front (4)			

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11	Remove test tray and clean out waste and debris			
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***NOTE*:** You must remove the hinged test table before removing the tray underneath. To do this you will need to remove the four bolts to the hinges and the hose attached to the drain before removal. Recommended two people.

11	Verify age and check soft line hoses			
a.	Check for bubbles or leaks			
b.	Check dates on hoses connectoins			
c.	Check system A lines			
d.	Check system B lines			
e.	Check 4-Way lines			
f.	Check pump lines			

***NOTE*:** If soft line hosing show signs of bulging or hose is past life expectancy the hose **MUST** be replaced

Notes

Record any known discrepancies here
