

Appendix G – System Performance Test Procedure & Log Sheet

This procedure (w/log sheet) was included with the purchase of your DSA system.

		System Pressure Test Log, DSA3	
		Doc No. 402119-212	
		Revision A	
		Page 1 of 2	
Rev	Description	Approval	Date
A	Initial Release		
1.0 PURPOSE The purpose of this log sheet is to monitor and verify the output air flow of the DSA <i>Jet-Stream</i> device is still performing within acceptable tolerances. It is required that this test only be performed immediately following a filter replacement. The filter replacement cycle is no greater than 6 months (see filter labeling). <i>This test should only be performed with a new filter because a clogged filter could cause the readings to dip; falsely indicating a reduction in system performance.</i> (Estimated Test Time: <5 minutes) 2.0 Test Procedure • Replace used air filter with new air filter in accordance with Operator's Manual instructions. • Connect the Pressure Test Load (402119-211) to the LEFT air output port on the DSA <i>Jet-Stream</i> device and make sure that the tip is unobstructed for full air flow. • Press LEFT: (Start; +; -) 3 buttons simultaneously and hold down until multiple quick beeps are sounded and the LEFT display starts counting down from 15 seconds. At the end of the countdown 2 quick beeps are sounded and a pressure reading is displayed X.XX psi. • Record the pressure value (psi) shown on the LEFT display in the log sheet. Also record the Pressure Test Load (402119-211) serial number used for the test. • Fill in the remaining fields of the log sheet in order to complete a row of pressure data. • Clear DSA <i>Jet-Stream</i> display by pressing the LEFT Reset button to resume normal operation. • Remove the Pressure Test Load (402119-211) and store in a clean place. • If you see a <u>significant drop (25% or greater) in pressure over an extended period of time</u>, it could indicate that there is a loss of system performance and should be further investigated. Contact technical support. Be prepared to provide the information in Sections 3.0 & 4.0 to technical support at the time of contact.			
402119-212	Rev	Technical Support Contact Information	
System Pressure Test Log, DSA3	A	TRICOR Systems Inc 847-742-5542 driscope.com	
			Page 1 of 2

3.0 DSA System Information (note: refer to labeling on the DSA Jet-Stream device)

DSA Part Number (PN)	DSA Serial Number (SN)	DSA Reference Number (REF)

4.0 Pressure Log

Date (MM / DD / YYYY)	Pressure Test Load (S/N)	Pressure (psi)	Initials	Notable Comments

402119-212	Rev	Technical Support Contact Information	Page 2 of 2
System Pressure Test Log, DSA3	A	TRICOR Systems Inc 847-742-5542 driscope.com	