



St. Lawrence-Troy, LLC
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Repairing Makes Cents

**Reduce
 Unscheduled
 Simulator Down Time**

Flight Simulator Maintenance Services

Actuators

Rebuild flight simulator actuator legs (up to 72 inches in length) & control loading actuators

- ♦ Disassemble and inspect
- ♦ Rebuild to spec: rework and replace all worn parts, including grinding and re-chroming where required
- ♦ Replace seals
- ♦ Media blast and paint all external parts with EHC fluid-compatible paint
- ♦ Performance test to factory specifications
- ♦ 13-month in-service warranty
- ♦ Dynamic load testing on "swing"



Moog Servo Valves

Repair Moog servo valves



Moog 771



Moog G761



Moog 728

- ♦ Factory certification of servo valves at Moog: tested **statically** and **dynamically** to current Moog specs
- ♦ Moog factory repair is competitively priced
- ♦ Genuine Moog parts are used (Moog has not sold repair parts since 1997)
- ♦ "Same as New" 2 year factory warranty
- ♦ If valve is unrepairable, discount toward new replacement valve offered
- ♦ To aid in root cause analysis, replaced parts returned and repair reports reviewed
- ♦ Upgrade from Pegasus servo valves to new Moog 728 fit, form and function replacements

Hydraulic Pump Rebuild & Replacement

Pumps rebuilt and performance tested

- ♦ Disassemble and inspect
- ♦ Rework or replace all worn parts
- ♦ Grind and re-chrome where required
- ♦ Replace all seals
- ♦ Repaint
- ♦ Assemble and test to factory specifications
- ♦ 13-month in-service warranty



Schroeder Test Mate Products - ISO Particle Counter



- ♦ Monitor ISO count of oil on a real time basis with alarm
- ♦ Utilization options: portable to test points, or fixed installation with serial data port

Contact St. Lawrence-Troy today! (800) 521-5772 ♦ dond@st-lawrence.com