

**TECHNICAL NOTE 01-02**  
**WATER RESTRAINT SYSTEM**  
**Maintenance Procedure for**  
**Bermad Water Valves**  
**January 2, 2002**

**Introduction**

This technical note provides instructions for servicing the Bermad 700 Series Control Valves of the Water Restraint System (WRS).

The Bermad valves are hydraulically operated by means of a double-chambered diaphragm actuator that is mounted on the main valve body. Only the upper chamber of the diaphragm actuator is used for flow control in the WRS. Photo 1 below provides an overall view of the Bermad valve body and the diaphragm chamber.

**Logistic Support**

For replacement parts and further technical assistance call the Hydro-Force office on (619) 478-2600 voice or (619) 478-2555 facsimile.