

## INSPECTION AND MAINTENANCE REQUIREMENTS FOR GAUGED FIRE EXTINGUISHERS

Gauged Halon 1211, Halotron 1 and FM-200 fire extinguishers distributed by H3R Aviation, Inc. should be installed, inspected and maintained in accordance with the owner's manual supplied with the extinguisher and NFPA No. 10, "Portable Fire Extinguishers." The following summarizes portions of those two documents.

### **MONTHLY INSPECTION**

Fire extinguisher shall be inspected when initially placed in service and at minimum 30-day intervals or more frequently if circumstances dictate. Persons performing 30-day inspections are not be required to be certified.

Check to see that the extinguisher is undamaged; that the nozzle is unobstructed; that the gauge pressure is in the operable (green) range; that the lockpin and tamper seal is in place, and that the operating instructions are clearly visible. If the inspection reveals a deficiency in any of these conditions, corrective action must be taken.

### **MAINTENANCE**

#### **Annual Maintenance**

Extinguishers shall be subjected to maintenance not more than one year apart or when specifically indicated by an inspection. Maintenance is a thorough examination of the extinguisher, covering mechanical parts, extinguishing agent and expelling means. It is intended to give maximum assurance that an extinguisher will operate effectively and safely, and should be done professionally. Most authorities require special tags be attached to the extinguisher to verify this service.

#### **6-Year Maintenance**

Every six years, stored pressure fire extinguishers that require a 12-year hydrostatic test shall be emptied and subjected to applicable maintenance procedures. This should be done professionally, and involves a thorough inspection and the replacement of certain parts. When these maintenance procedures are performed during periodic recharging or hydrostatic testing, the six year requirement shall begin from that date.

#### **12-Year Hydrostatic Test**

All gauged H3R Aviation fire extinguishers require a 12 year hydrostatic test performed by certified technicians as per NFPA 10. Simply stated, the Hydrostatic test confirms the integrity of the cylinder, and at the 12 year mark, is performed in conjunction with the 6 year maintenance.