



## **FIRE EXTINGUISHER INSPECTION AND MAINTENANCE REQUIREMENTS**

Halon 1211, Halotron® 1 and Halotron® BrX fire extinguishers sold by H3R Aviation, Inc. should be installed, inspected and maintained in accordance with the owner's manual supplied with the extinguisher and NFPA 10, Standard for 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 for Halon 1211 and Halotron® 1 fire extinguishers

Every six years, our Halon 1211 and Halotron® 1 fire extinguishers 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 for Halon 1211 and Halotron® 1 fire extinguishers

Our Halon 1211 and Halotron® 1 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.

#### Halotron® BrX fire extinguisher expiration date

While our Halotron® BrX fire extinguishers do not require the 6-year maintenance or the 12-year hydrostatic test, they must be removed from service at 12 years from the date of manufacture regardless of condition.