

Inspection and Maintenance Requirements for RT A400, RT A600 and RT A1200 Fire Extinguishers

The RT A400, RT A600 and RT A1200 Halon 1211-1301 blend fire extinguishers are one-use, disposable-type, non-refillable aviation fire extinguishers. They have no gauge, and do not require the 6-year maintenance and 12-year hydrostatic test required of gauged, rechargeable units.

According to FAA Advisory Circular 20-42C dated 3/7/84 entitled, "Hand Held Extinguishers for Use in Aircraft:" "Disposable type fire extinguishers should be maintained and inspected in accordance with the nameplate instructions."

Nameplate Instructions for RT A400, RT A600, RT A1200:

"Inspect monthly or more frequently. Ensure nozzle is not obstructed and safety seal is intact. To be installed, inspected and maintained in accordance with NFPA no. 10. Return to manufacturer... if gross weight is below:

500 grams (17.6 oz.): RT A400

686 grams (24.2 oz.): RT A600

1420 grams (3.1 lbs.): RT A1200

INSPECTION AND MAINTENANCE REQUIREMENTS (PER NFPA NO. 10)

When an inspection reveals a deficiency in any of the conditions listed below, fire extinguisher shall be removed from service, not discharged, and returned to H3R Aviation, a fire equipment dealer or distributor to permit recovery of the halon.

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.

- Extinguisher is in its designated place
- No obstruction to access or visibility
- Operating instructions on nameplate legible and facing outward
- Safety seal (plastic wire) is not broken or missing
- No obvious physical damage, corrosion, leakage, or clogged nozzle
- HMIS label is in place
- Heft unit to determine fullness (if in doubt, the unit should be weighed and returned to the manufacturer if the gross weight is below):
 - 500 grams (17.6 oz.): RT A400
 - 686 grams (24.2 oz.): RT A600
 - 1420 grams (3.1 lbs.): RT A1200

YEARLY MAINTENANCE

- Thorough examination of exterior mechanical parts (as per the monthly inspection).
- Weighing of the unit. Return to the manufacturer if the gross weight is below:
 - 500 grams (17.6 oz.): RT A400
 - 686 grams (24.2 oz.): RT A600
 - 1420 grams (3.1 lbs.): RT A1200

AT 12 YEARS, REMOVE EXTINGUISHER FROM SERVICE REGARDLESS OF CONDITION.