



SERVICE MANUAL: H3R AVIATION MODELS RT A1200, RT A600, RT A400

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)

Monthly inspection

- 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

NOTE: When an inspection reveals a deficiency in any of the conditions listed above, it shall be returned from service, not discharged, and returned to H3R, a fire equipment dealer or distributor to permit recovery of the Halon.

Yearly maintenance

- Thoroughly examine exterior mechanical parts (as per the monthly inspection).
- Weigh the unit and 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

NOTE: When an inspection reveals a deficiency in any of the conditions listed above, it shall be returned from service, not discharged, and returned to H3R, a fire equipment dealer or distributor to permit recovery of the Halon.

At 12 years, remove extinguisher from service regardless of condition.

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