

R22 SERVICE LETTER SL-77A

(supersedes R22 SL-77)

R44 SERVICE LETTER SL-64A

(supersedes R44 SL-64)

R66 SERVICE LETTER SL-23A

(supersedes R66 SL-23)

DATE: 27 July 2017 **REV A:** 20 December 2017

TO: R22-series, R44-series, & R66-series Owners, Operators, & Maintenance Personnel

SUBJECT: Fire Extinguisher Handling and Maintenance

ROTORCRAFT AFFECTED: Helicopters equipped with factory-supplied portable fire extinguishers, P/N B381-1 (Protection R.T. Model RT-A400). Spare B381-1 extinguishers are also affected.

BACKGROUND: RHC has received reports of fire extinguishers with low charge and of extinguishers experiencing sudden failure of the top/valve. In the cases of sudden failure, the top was expelled with enough force to cause aircraft damage. This service letter provides a summary of proper handling and maintenance procedures for fire extinguishers. Based upon the latest recommendations of the fire extinguisher manufacturer, revision A of this letter removes a 3.2 gram per year maximum leak rate criterion. A total weight of over 500 grams is now the only required check for sufficient charge. A corresponding revised G654-15 inspection log decal is available.

COMPLIANCE PROCEDURE:

1. Perform visual inspection and weight check (a scale with 1 gram precision or better is required) of extinguisher monthly. If total weight falls below 500 grams, remove extinguisher from service.
2. Extinguisher service life is 12 years. Year of manufacture is labeled on bottom of extinguisher. Remove extinguisher from service at end of 12th year from labeled date.
3. Extinguisher is rated for a max storage and operating temperature of 120 °F (49 °C). If operating conditions would expose extinguisher to higher temperatures (e.g. long term parking in the sun in a hot climate), remove extinguisher and store it in a cooler area between flights.

(OVER)

NOTE

Revised blank G654-15 inspection log decals may be purchased from RHC Customer Service and affixed to the extinguisher.

NOTE

Extinguisher manufacturer Protection R.T. and RHC are investigating any cause for extinguisher removal from service prior to 12 years. Also, at 12 years, extinguishing agent is recycled. Contact Protection R.T. for assistance with shipping and replacement costs.

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