

**R22 SERVICE BULLETIN SB-109**

**DATE:** 08 January 2014

**TO:** R22 owners, operators, and maintenance personnel

**SUBJECT:** Bladder Fuel Tank Retrofit

**ROTORCRAFT AFFECTED:** R22 helicopters S/N 0002 thru 4620, unless previously accomplished.

**TIME OF COMPLIANCE:** As soon as practical, but no later than next 2200-hour overhaul or 12-year inspection.

**BACKGROUND:** This bulletin requires R22 helicopters with all-aluminum fuel tanks to be retrofitted with bladder-type tanks to improve the fuel system's resistance to a post-accident fuel leak. Current production and factory overhauled R22s now include bladder fuel tanks.

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**COMPLIANCE PROCEDURE:**

R22s with main and auxiliary fuel tanks installed – Order one KI-217-1 kit from [RHC Customer Service](#) and install per kit instructions. Kit includes main and auxiliary bladder tanks, installation hardware, and hoses. Note: Retrofit requires substantial sheet-metal work. Paint refinishing for aesthetics may be desired. Kit instructions are available online at [www.robinsonheli.com](http://www.robinsonheli.com).

R22s without auxiliary fuel tank installed – Contact [RHC Technical Support](#) for assistance.

**Approximate Cost:**

Parts: KI-217-1 kit list price of \$15,740 will be discounted to \$6400\*. Reference helicopter serial number. Fuel tanks will be supplied painted white unless requested primed only.

KI-217-1 kit is now included in 2200-hour overhaul kits ordered from the factory unless previously installed.

Labor: Approximately 40 man-hours (paint refinishing not included).

Rebate: An \$800 rebate for each field installation will be issued upon receipt of aircraft serial number, RHC invoice number, and a copy of the aircraft logbook page showing the date of installation and mechanic's signature.

\*Normal Service Center discounts do not apply. (Refer to RHC 28 May 97 memo.)