

**R22 SERVICE BULLETIN SB-100**

**DATE:** 30 April 2010

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

**SUBJECT:** Carbon Monoxide (CO) Detector Retrofit

**ROTORCRAFT AFFECTED:** R22 helicopters S/N 0001 thru 4037 equipped with optional cabin heaters.

**TIME OF COMPLIANCE:** Within next 150 flight hours or by 31 July 2010, whichever occurs first.

**BACKGROUND:** Carbon monoxide poisoning can be fatal. This bulletin requires installing CO detectors on heater-equipped helicopters that do not already have a detector.

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**COMPLIANCE PROCEDURE:**

1. If helicopter is equipped with optional cabin heater, determine if caution light labeled "Carbon Monoxide" is installed; if installed, no further action is required.
2. If "Carbon Monoxide" caution light is not installed and helicopter is equipped with cabin heater, install KI-164 kit per instructions. Kit instructions are available online at: [www.robinsonheli.com/servelib.htm](http://www.robinsonheli.com/servelib.htm).

**Approximate Cost:**

Parts: KI-164 kit: \$175, if ordered by 31 July 2010.

Parts may be obtained from any R22 Dealer or Service Center, or ordered directly from RHC Customer Service (via RHC web site, fax, or phone). Order must include helicopter serial number.

Labor: 2 man-hours.