

R22

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SERVICE BULLETIN SB-84

DATE: 8 September 1998

TO: All R22 Owners, Operators, and Service Centers

SUBJECT: Fuel Tank Vent Upgrade

ROTORCRAFT AFFECTED: R22 Helicopters S/N 0002 thru 1451 unless factory overhauled January 1991 or later.

TIME OF COMPLIANCE: Within next 100 flight hours or by 31 October 1998, whichever occurs first.

BACKGROUND: RHC has received reports of loss of engine power due to fuel starvation resulting from kinked fuel tank vent tubes. On newer R22s, dual vents provide redundancy. For older R22s (see rotorcraft affected), a kit is available to install springs in the vent tubes to prevent kinks.

COMPLIANCE PROCEDURE:

1. Visually inspect fuel tank vents. If helicopter is equipped with only a main fuel tank and has dual vent tubes, or if helicopter is equipped with an auxiliary fuel tank and has a crossover vent tube between tanks, no further action is necessary. Otherwise, springs must be installed.
2. Reference helicopter serial number and order one KI-140 kit.
3. Install springs per kit instructions.

Approximate Cost:

Parts: No charge.

Labor: 0.1 manhour for visual inspection, 1.0 manhour to install springs.

THE DESIGN ENGINEERING ASPECTS OF THIS BULLETIN HAVE BEEN SHOWN TO COMPLY WITH APPLICABLE FEDERAL AVIATION REGULATIONS AND ARE FAA APPROVED.