

R44

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SERVICE BULLETIN SB-16

DATE: 22 October 1996

TO: All R44 Owners, Operators, and Service Centers

SUBJECT: Replacement of C309-1 Panel Assembly with V-belt Restraint

ROTORCRAFT AFFECTED: R44 Helicopters S/N 0002 thru 0240

TIME OF COMPLIANCE: Within next 100 flight hours or by 31 January 1997, whichever occurs first.

BACKGROUND: Cracks have been found in the support structure for the right-hand V-belt restraint tube. Failure of the restraint can cause damage to the V-belts which could lead to their premature failure. The C309-1 panel assembly has been redesigned to prevent cracking at the V-belt restraint and in other areas where cracks have been found.

COMPLIANCE PROCEDURE:

- 1) Visually inspect right-hand inboard flange of the C236-1 upper scroll as shown in figure on page 2. If indicated screw is installed, no further action is required. If no screw is installed at that location, the C309-1 panel assembly must be replaced. (A mirror is required to view flange if C706-1 cowling is installed.)
- 2) If the C309-1 panel assembly requires replacement, reference helicopter serial number and order one KI-105 kit. Install panel assembly using parts and instructions supplied with the kit.

Approximate Cost:

Labor: 6.5 manhours

Parts: no charge

For aircraft still under warranty, RHC will pay Service Centers \$165 for completing this installation. Payment requests must be in writing and contain the aircraft S/N, the Service Center to be paid, and a signature from both the aircraft owner and the Service Center performing the work.

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

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