

R44

SERVICE BULLETIN SB-12

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DATE: 11 September 1995

TO: All R44 Owners, Operators, and Service Centers

SUBJECT: Cyclic Damper Replacement

ROTORCRAFT AFFECTED: R44 helicopters S/N 0001 thru 0201

TIME OF COMPLIANCE: By 30 November 1995

BACKGROUND: RHC has developed a one-piece solid tungsten cyclic damper which is more durable than the lead-shot filled damper and allows better instrument console visibility.

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COMPLIANCE PROCEDURE:

- 1) Order from RHC the KI-93 kit which includes the following parts:

C683-4 Damper	QTY = 1
C683-5 Clamp	QTY = 1
NAS1352-3H14 Screw	QTY = 2
AN960-10L Washer	QTY = 2
A601-2 Grip	QTY = 2
A959-6 End Cap	QTY = 2
B270-14 Adhesive	QTY = 1
- 2) Remove C683-3 vinyl cover by untying cord and separating velcro.
- 3) Cut and remove ty-raps and remove C683-2 bag assembly from cyclic stick.
- 4) Remove SS51149 end cap from cyclic stick.
- 5) Install C683-4 damper and C683-5 clamp to cyclic per Figure 1. Install NAS1352-3H14 screws and AN960-10L washers and torque screws to 36-44 in-lb. Safety wire screws as shown.
- 6) If desired, replace existing cyclic grips with optional foam grips. Bond grips in place with B270-14 adhesive and install A959-6 end caps.

Approximate Cost:

Labor: 0.3 hrs

Parts: \$380 for S/N 0001 thru 0201 if ordered by 31 October 1995  
(order must include helicopter serial number)

(OVER)

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

