

ROBINSON HELICOPTER COMPANY

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R44

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SERVICE BULLETIN SB-60

DATE: 15 September 2006

TO: All R44 Owners, Operators, and Service Centers

SUBJECT: C771-1 Air Filters with Orange Rubber

ROTORCRAFT AFFECTED: R44 Helicopters S/N 0001 thru 1640.

TIME OF COMPLIANCE: Within next 50 flight hours or by 30 November 2006, whichever occurs first.

BACKGROUND: RHC has received reports of C771-1 air filters deforming in service. The deformed filters use an orange rather than black rubber compound to seal the upper and lower surfaces. The orange rubber loses strength at high temperatures and likely deforms during use of carb heat.

COMPLIANCE PROCEDURE:

1. Open airbox and determine if air filter is constructed using orange or black rubber.
2. If air filter uses orange rubber, install replacement P/N C771-1 filter with black rubber.
3. Make appropriate maintenance record entries.

Approximate Cost:

Parts: \$14.25 list price for C771-1 filter. New, unused filters with orange rubber may be returned to RHC Customer Service for exchange.

Labor: 0.3 man-hour.

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