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## **R22 SERVICE LETTER SL-58**

## **R44 SERVICE LETTER SL-38**

## **R66 SERVICE LETTER SL-01**

**DATE:** 18 August 2011

**TO:** R22, R44 & R44 II, and R66 owners, operators, and maintenance personnel

**SUBJECT:** Cracked MS21042L-series Nuts

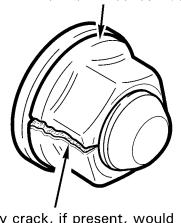
**BACKGROUND:** RHC has received two reports of cracked MS21042L4 self-locking nuts. Other helicopter manufacturers have received similar reports. A possible cause for cracking nuts is hydrogen embrittlement, which can be introduced during hardware manufacturing. Manufacturing processes for government- and industry-standard hardware are not controlled by RHC.

## **COMPLIANCE PROCEDURE:**

Pilots and maintenance personnel are reminded that hardware condition is equally important as hardware security. Cracked or corroded nuts require replacement.

Contact RHC Technical Support at <a href="mailto:technical-com">techsupport@robinsheli.com</a> if cracked nuts are found.

MS21042L-series Nut



Any crack, if present, would be parallel with nut axis.