

Robinson Helicopter Company

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SERVICE LETTER #11

Date: August 18, 1981

To: All Owners and Operators of Robinson R22 Helicopters

Subject: Loose Upper Cylinder Base Nuts

Rotorcraft Affected: R-22 Serial No. 0045 through 0160

Time for Compliance: Next 100 hour Inspection Interval

Background: Several rotorcraft have been found to have the upper 9/16" engine cylinder base nuts loose where the cooling shroud attachment plates are installed. These nuts should be checked for proper torque and torque striped per the following procedure.

Torque Check Procedure

Special Tool Required:

1 - 9/16" cylinder base nut wrench (Lycoming)
(Mac Tool No. 2882)

1. Remove the engine compartment side skirt panels and the spark plug inspection covers on the engine cooling shroud.
2. Torque the two upper 9/16" cylinder base nuts (on all four cylinders) to 300 in/lbs using the special tool listed above.
3. Torque stripe the nuts and reinstall the panels and inspection covers.

By: Frank D. Guehr
Service Department

P.S. If your ship has been sold, please forward to new owner.