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# Robinson Helicopter Company

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## SERVICE LETTER #17

Date: 17 May 1982

To: All Owners and Operators of Robinson R22 Helicopters

Subject: Removal of Cabin Heater Muffler Shroud in Warm Weather to Extend Muffler Service Life

Rotorcraft Affected: All R22 helicopters equipped with cabin heater systems

Time of Compliance: During warm weather when cabin heaters are not required

Background: To prolong the service life of the A169-1 muffler assembly, it is recommended that the muffler shroud be removed during the warm weather months when the cabin heater is not required.

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### Muffler Shroud Removal Procedure:

- 1) Disconnect and remove the flexible ducting from the cabin heater blower housing and firewall shutoff valve to the muffler shroud.
- 2) Remove the screws securing the shroud to the muffler.
- 3) Disconnect the exhaust system from the engine at the engine mounting studs and lower the exhaust system. Remove the muffler shroud.
- 4) Reinstall the exhaust system and torque the nuts to 160-180 in.-lbs.

### NOTE

After approximately one hour of operation retorque the exhaust system mounting nuts to 160-180 in.-lbs (engine warm).