



# SERVICE LETTER

DATE: 22 NOVEMBER 1982

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## GROUND TESTING – ENGINE AUTOMATIC RE-IGNITION AND ENGINE ANTI-ICE FUEL FILTER SYSTEMS

TO: All owners and operators of Hughes Helicopters

MODELS AFFECTED:

All 500 Model 369HE, 369HM and 369HS Series helicopters with Engine Automatic Re-ignition and/or Engine Anti-Ice Fuel Filter System (s) Installed

When ground testing the Engine Automatic Re-ignition System or Engine Anti-Ice Fuel Filter System using helicopter battery power, the automatic re-ignition system RE-IGN indicator or the anti-ice fuel filter system FUEL FILTER caution indicator may not light if the battery used is not fully charged.

The RE-IGN indicator and the anti-ice FUEL FILTER caution indicator lights are activated by solenoid switches which require 23.8 vdc, minimum, to assure operation. If the helicopter 28 volt battery bus does not supply at least 23.8 vdc during ground testing of either system, the RE-IGN indicator or the FUEL FILTER caution indicator, as applicable, may not light. Other components of the systems are not affected by the low voltage.

To assure valid ground testing of the Engine Automatic Re-ignition System, or the Engine Anti-Ice Fuel Filter System, ensure that the battery is fully charged, or use an approved auxiliary power unit.

Ground testing procedures for the Engine Automatic Re-ignition System and the Engine Anti-Ice Fuel Filter System are contained in the FAA Approved Owners Manual Supplements applicable to the affected systems.

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