



SL369H-144
SL369E-075
SL500N-023

SL369D-123
SL369F-068

SERVICE LETTER

DATE: 20 JULY 2011
PAGE 1 OF 2

ENGINE POWER OUT WARNING CONTROL UNIT – FILTER INSTALLATION

MODELS AFFECTED: MD Helicopters, Inc. (MDHI) Model 369H/S serial number 0626 and subs), Model 369D, Model 369E, Model 369F/FF and Model 500N.

MDHI has seen incorrect Engine Power Out Warning Control Unit (EPO) output signals caused by high levels of Electro-Magnetic Interference (EMI). Correct engine power out warning indications are given by the EPO during normal EMI conditions.

This service letter is issued to tell owners and operators of a method to prevent the EPO from giving incorrect output signals caused by high EMI conditions.

MDHI has no technical objection to the following installation for any of the helicopter models listed that experience incorrect warning output signals caused by high EMI conditions.

Install a Quell EMI Filter, P/N 14-18.19, as follows:

- (1). Follow the manufacturer's installation instructions to make sure the filter is oriented correctly in the EPO electrical receptacle.
- (2). Align the holes in the filter with the EPO electrical receptacle pins.
- (3). Put the filter into the EPO electrical receptacle.
- (4). Connect and fully seat the P19 connector to seat the filter in the EPO electrical receptacle.
- (5). Do the EPO Warning Control Unit Operational Check (Ref. CSP-HMI-3, 95-30-00, Adjustment/Test, para 6).

The Quell EMI Filter, P/N 14-18.19, can be purchased directly from:

Quell Corporation
5639-B Jefferson NE
Albuquerque, New Mexico 87109
(505) 243-1423.

Make a dated entry in the Rotorcraft Log Book to show the Quell EMI Filter, P/N 14-18.19 is installed in the Engine Power Out Warning Control Unit in accordance with MDHI Service Letter SL369X/500N-XXX.

For further assistance, contact the Field Service Department at MDHI, Mesa Arizona. Telephone 1-800-388-3378 or (480) 346-6387. DATAFAX: (480) 346-6813.



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