

R66 SERVICE LETTER SL-34

DATE: 11 March 2020

TO: R66 Owners, Operators, and Maintenance Personnel

SUBJECT: Engine Harness N1 Connector

ROTORCRAFT AFFECTED: R66 Helicopters S/N 0003 thru 0934, originally equipped with F049-09 or F049-012 engine harness revision N or prior. Revision O and subsequent harnesses are not affected. Engine harness part number & revision letter are on blue heat-shrink on harness near MGT thermocouple terminals.

BACKGROUND: Earlier engine harness N1 connectors may be susceptible to ingress of dirt and moisture which could cause an erratic N1 indication and/or erroneous N1 engine monitoring unit (EMU) overspeed recordings. A field kit is available to upgrade the connector and install a shrink boot to better protect the connector from contaminants.

COMPLIANCE PROCEDURE:

For each affected helicopter, obtain one KI-268 Engine Harness N1 Connector Upgrade Installation Kit, available from RHC Customer Service, and install per kit instructions.