

R22 SERVICE LETTER SL-80

(supersedes R22 SL-46)

R44 SERVICE LETTER SL-66

DATE: 08 June 2018

TO: R22-series & R44-series Owners, Operators, & Maintenance Personnel

SUBJECT: Gearbox Chip Detector Maintenance

ROTORCRAFT AFFECTED: Helicopters with gearbox(es) using A257-2 oil.

BACKGROUND: RHC has received reports of metal-contaminated chip detectors that did not illuminate a gearbox chip light. Subsequent investigation revealed chip detector magnet was coated with an insulating varnish, which prevented metallic debris from illuminating the chip light. This letter reminds pilots and technicians that proper cleaning of chip detectors, using methods and intervals prescribed in Maintenance Manuals, is critical to chip detector function.

COMPLIANCE PROCEDURE:

Clean main and tail rotor gearbox chip detectors per Maintenance Manual instructions.

NOTE: Removing debris from detector by wiping or blowing will not remove varnish; use of toothbrush and approved solvent is specified.