

R44 SERVICE LETTER SL-88B
(supersedes R44 Service Letter SL-88A)

DATE: 24 January 2024 **REV B:** 14 February 2024

TO: R44-series Owners, Operators, and Maintenance Personnel

SUBJECT: Lycoming Electronic Ignition System (EIS) Reduced Service Life

BACKGROUND: Lycoming Engines issued Service Bulletin No. 656, reducing EIS Service Life on EIS P/N 66K6D3SN-01 & 66K6D3SN-02, Revision P & prior, installed in R44-series helicopters. Revised EIS units are expected from Lycoming in second quarter of 2024. Alternately, a kit is available at a discounted price to convert the EIS installation to a Bendix-style magneto.

CAUTION

Never attempt a magneto/ignition check during flight. If magneto/ignition malfunction is suspected, leave key in BOTH position and land as soon as practical.

COMPLIANCE PROCEDURE:

1. Comply with Lycoming Service Bulletin No. 656.

NOTE

EIS Revision ("REV.") letter is printed on the Lycoming EIS data plate, and P/N is ink-stamped adjacent to data plate.

2. If desiring to convert to magneto, order applicable kit(s) from RHC Customer Service:

Bendix-style Magneto Conversion Kits	
KI-272-5A for R44 & Cadet with O-540-F1B5 engine	KI-272-5B for R44 II with IO-540-AE1A5 engine

3. Install magneto per kit instructions, or install replacement EIS unit (available from Lycoming) per Lycoming SI 1569.
4. Return affected EIS to RHC with completed [Component Return Authorization](#) form. Include both engine serial number and replacement magneto serial number for EIS warranty consideration.
5. Make appropriate maintenance record entries.

APPROXIMATE COST:

Parts: \$3550 for KI-272-5A, or
\$4030 for KI-272-5B.

Labor: 8 labor-hours to convert to magneto.