

**R44 SERVICE LETTER SL-88C**  
(supersedes R44 SL-88B)

**DATE:** 24 January 2024

**REV C:** 1 March 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, compliant EIS units are expected from Lycoming in second quarter of 2024. Alternately, kits are available at a discounted price beginning March 2024 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.
2. If continuing to use EIS, follow applicable instructions in Service Bulletin No. 656.
3. If desiring to convert to magneto, order applicable kit(s) from RHC Customer Service and install magneto per kit instructions:

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

4. Make appropriate maintenance record entries.
5. EIS units are warranted by Lycoming, and both RHC's magneto conversion kit & 8 labor-hours are covered. Return removed EIS unit & drive cushions to either:
  - Lycoming – contact [techsupport@lycoming.com](mailto:techsupport@lycoming.com) for instructions, OR
  - RHC – include a completed [Component Return Authorization](#) form. Provide both engine serial number and replacement magneto serial number.

**APPROXIMATE COST (reimbursable, see preceding):**

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

Labor: 8 labor-hours to convert to magneto.