

R44 SERVICE LETTER SL-90

DATE: 18 April 2024

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

SUBJECT: Battery Preventive Maintenance

BACKGROUND: Extended inactivity can deplete the helicopter's battery, possibly requiring battery replacement. If helicopter will not be operated for two or more weeks, RHC recommends connecting a battery charger. Alternately, disconnect negative (ground) cable from battery negative terminal per R44 Maintenance Manual § 37-10.

COMPLIANCE PROCEDURE:

NOTE: Battery charger must be 12V for 14-volt systems, or 24V for 28-volt systems, and compatible with battery's chemistry (lead-acid, or lithium-ion).

Ensure battery switch is OFF. If helicopter will not be operated for two or more weeks, connect a Victron Energy IP65 Blue Smart Charger (or equivalent) to helicopter battery per applicable Pilot's Operating Handbook, Section 8, Battery. Adjust charger mode to "Li-ion" if helicopter has lithium-ion battery; adjust charger mode to "Normal" if helicopter has lead-acid battery.

Conspicuously placard instrument panel with "Battery charger connected. Remove charger before starting engine."