

**R44 SERVICE BULLETIN SB-99**

**DATE:** 03 July 2019

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

**SUBJECT:** 24-volt Battery Electrolyte Leakage

**EFFECTIVITY:**

- R44 II Helicopter S/N 10410 thru 14327, 14331, and 14334, except 10915, 11049, 11429, 11529, 11611, 12415, 14269, 14304, 14318, and 14321;
- R44 Helicopter S/N 2421 thru 2582 and 2587, except 2577 and 2580; and
- R44 Cadet Helicopter S/N 30001 thru 30055, except 30047.

**TIME OF COMPLIANCE:** Within next 100 flight hours or by 30 September 2019, whichever occurs first.

**BACKGROUND:** RHC has received reports of B237-4 (Concorde RG24-15) batteries leaking electrolyte. Concorde recommends rubber support strips be added for batteries installed in the engine compartment and batteries installed under the left front seat be rotated to the upright position. Concorde has also revised their manufacturing procedures to reduce the likelihood of battery leakage.

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**COMPLIANCE PROCEDURE:**

1. For each affected helicopter, determine location of battery. If battery is located in the engine compartment and oriented on its side (per R44 IPC Figure 96-13), order one KI-264-1 Battery Support Strips Installation Kit. If battery is located under the left front seat, order one KI-264-2 Battery Installation Upgrade Kit.
2. Install KI-264-1 or -2 kit per kit instructions.
3. Make appropriate maintenance record entries.

**APPROXIMATE COST:**

Parts: No charge for KI-264-1. \$385 for KI-264-2, discounted to \$190 if ordered by 30 September 2019. Reference helicopter serial number.

Labor: 0.5 man-hours to install KI-264-1 kit.  
3.0 man-hours to install KI-264-2 kit.