2901 Airport Drive, Torrance, California 90505

Phone (310) 539-0508 Fax (310) 539-5198

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## **R66 SERVICE BULLETIN SB-26**

**DATE:** 05 November 2018

**TO:** R66-series Owners, Operators, and Maintenance Personnel

**SUBJECT:** B237 Lead-acid Batteries Leaking Electrolyte

**ROTORCRAFT AFFECTED:** R66 Helicopters S/N 0903 and prior equipped with B237-7 or -8 lead-acid main battery.

**TIME OF COMPLIANCE:** Within next 100 flight hours or by 05 February 2019, whichever occurs first.

**BACKGROUND:** RHC has received reports of B237-7 and -8 (Concorde brand) batteries leaking electrolyte. This service bulletin requires the installation of a battery tray and absorbent mat to capture and neutralize the electrolyte in the event of a battery leak.

## **COMPLIANCE PROCEDURE:**

- Order from RHC Customer service:
  - one G123-2 tray if helicopter is equipped with B237-7 standard battery,
  - one G123-1 tray if helicopter is equipped with optional B237-8 large battery,
  - one G801-2 pad,
  - one (Concorde P/N) 9589 decal.
- 2. Remove optional aux fuel tank per R66 Maintenance Manual (MM) § 28-51A, if installed.
- 3. Remove battery per MM § 96-11A.
- 4. Inspect battery compartment for evidence of a battery leak. Sprinkle baking soda on any clear liquid seen in compartment; if effervescence occurs, liquid is electrolyte which has leaked from battery. If a battery leak is detected, wear appropriate personal protective equipment (ref. FAA-H-8083-30A Chapter 1) and neutralize acidic electrolyte using a solution of baking soda and water. Clean up residue. Properly dispose of leaking battery in accordance with local regulations. Assess damage and contact RHC Technical Support for assistance with repairs.
- 5. Refer to R66 Illustrated Parts Catalog Figure 96-1 or 96-3. Attach 9589 decal to battery in approximate location shown, if no decal is present in depicted location.
- 6. Place G801-2 pad and battery into G123 tray ("forward" stamp in tray to be oriented forward in helicopter) and reinstall battery per MM § 96-11B.
- 7. Make appropriate maintenance record entries. Weight & balance change is negligible.

## **APPROXIMATE COST:**

Parts: No charge for one G123-1 or -2 tray, one G801-2 pad, and one (Concorde

P/N) 9589 decal, if ordered by 05 February 2019. Reference helicopter serial

number.

Labor: 0.7 man-hour.