

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:

1. 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.

(OVER)

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.