

Electrical Equipment

AD/ELECT/54

Sealed Lead Acid Aircraft Batteries

7/90

Applicability: All installed Gates Varley/Tungstone Energy Products/Hawker Energy Products sealed lead acid batteries listed below:

18 AH batteries with the following product numbers:

9750-0730, 9750-0734, 9750-0738,

9750-0740, 9750-0742, 9750-0744,

9750-0772.

25 AH batteries with the following product numbers:

9750-0640, 9750-0650,

9750-0658, 9750-0660

9750-0750, 9750-0781.

Note 1. Aircraft known to have batteries of this type fitted include but are not limited to BAe 125 Series; Shorts Skyvan Series; and BAe. Jetstream series.

Note 2. Gates Varley SB M1-89 Issue 2 (made mandatory by CAA (UK) also refers.

Requirement: Remove from the aircraft and carry out a capacity test in accordance with the aircraft maintenance manual or other approved procedure.

Compliance: 1. 18 AH batteries in the serial number range A1810 to A7637, and 25 AH batteries in the serial number range B0095 to CO 575 - initially 6 months after initial installation in an aircraft, and thereafter at intervals not exceeding 3 months.

2. 18 AH batteries with serial numbers below A1810 and above A7637, and 25 AH batteries with serial numbers below B0095 and above CO 575 - initially 6 months after initial installation, then after a further 6 months, and thereafter at intervals not exceeding 3 months.

Background: Affected batteries have been found to exhibit an unexpected loss of capacity which reduces the time for which the battery can power emergency services in the event of a power failure.