AD/ELECT/58 SAFT 1606-1 Batteries 2/91

Applicability: All SAFT 1606-1 batteries equipped with temperature probes, and fitted to aircraft or held as spares.

Note: Aircraft known to be fitted with this type of battery include, but are not limited to Aerospatiale AS 350 and AS 355 helicopters.

Requirement: Verify the presence of the battery shunt (jumper) between terminals 2 and 3 of the female plug on the battery temperature probe cable. If the shunt is missing, install a shunt P/No 161-211 and ensure correct operation of the temperature probe system.

Note: DGAC AD 90-198-056(B) also refers.

Compliance:

1. For batteries fitted to aircraft: within 50 hours time in service after 21 February 1991.

2. For uninstalled batteries: before installation in an aircraft.

Background: Advice has been received that the temperature probe shunt may be not installed or missing on some SAFT 1606-1 batteries which may result in nil operation of the temperature sensing system, and therefore failure to detect a potentially dangerous overheated battery condition.