## **Safety Regulation Group**

**Applications and Certification Section** 

4 February 2004

Our Ref 9/97/CtAw/278

## LETTER TO OWNERS/OPERATORS NO 2501 ROLLS-ROYCE MERLIN (INCLUDING PACKARD MERLIN) AND GRIFFON SERIES ENGINES EXHAUST STUB FAILURE

The CAA has been notified of an instance where an exhaust stub became detached on a Merlin engine. The loss of stubs could lead to a hot gas leak. A similar exhaust stub design also exists in Griffon engines. Although the service maintenance instructions (AP) require a visual inspection of the stubs at 'Minor' intervals, there is no definition of what a 'Minor' interval should be.

This LTO recommends to owners/operators and BCAR A8-20 approved organisations the following interval inspections of the exhaust stubs for Rolls-Royce Merlin (including Packard Merlin) and Griffon engines.

- 1. The exhaust stubs are inspected at the next scheduled annual aircraft inspection and replaced if found cracked.
- 2. Thereafter, the exhaust stubs are removed and cleaned for a detailed visual inspection at repeat intervals not exceeding 100 engine hours.

Enquiries regarding this LTO should be referred to Mr C Denis, Propulsion Department – 1E (Telephone No 01293 573641) at the address shown.

## **RJTEW**

Airworthiness Directive Co-ordinator