

(2) Rolls Royce Gnome Engines

UK National Airworthiness Directives previously published in CAP 476 – Mandatory Aircraft Modifications and Inspections Summary

CAA AD No: 1777 PRE 80

Associated Material: 1115

Description: *Engine* – Reduction gearbox – Rear High speed shaft gear – bore chamfer reduced.

Applicability – Compliance – Requirement

Should have been embodied in accordance with Service Bulletin No. 72–10.

CAA AD No: 1778 PRE 80

Associated Material: 1243

Description: *Engine Fuel and Control* – Thermister – Introduction of rubber sealing compound.

Applicability – Compliance – Requirement

Should have been embodied in accordance with Service Bulletin No. 73–8.

CAA AD No: 1779 PRE 80

Associated Material: 1677 or 1244 Part 1

Description: *Engine* – Reduction gearbox – Oil feed pipe with flanged sleeve introduced.

Applicability – Compliance – Requirement

Should have been embodied in accordance with Service Bulletin No. 72–221.

CAA AD No: 1780 PRE 80

Associated Material: 1754

Description: *Engine Fuel and Control* – improved over-speed trip governor.

Applicability – Compliance – Requirement

Should have been embodied in accordance with Service Bulletin No. 73–150.

CAA AD No: 1781 PRE 80

Associated Material: 1974

Description: *Engine – Stage 1 and 2 turbine Wheels* – increase fillet radii at base of cooling-air plate spigot recesses.

Applicability – Compliance – Requirement

Compliance required in accordance with Service Bulletin No. 72–251.

CAA AD No: 1782 PRE 80

Associated Material: 2121

Description: *Engine Fuel and Control* – Computer – design change.

Applicability – Compliance – Requirement

Applicability and compliance required as detailed in Alert Service Bulletin 73–A223.

CAA AD No: 1783 PRE 80

Associated Material: SB 72–A271

Description: *Engine* – Power turbine and exhaust – wire-locking of exhaust clamp.

Applicability – Compliance – Requirement

Applicable to Gnome MK 510 and 610 engines. Compliance as detailed in Service Bulletin.

CAA AD No: 1784 PRE 80

CAA AD No: SB 73–179

Description: Serviceability check of fuel pipe assembly Part No. 565817 or 565878.

Applicability – Compliance – Requirement

Applicable to Gnome H1000 Mark 501. Compliance required as detailed in Service Bulletin.

CAA AD No: 1785 PRE 80

Associated Material: SB 73–A229

Description: *Engine Fuel and Control* – fuel pump and flow control unit – blockage of hydro-mechanical governor filter.

Applicability – Compliance – Requirement

Applicability and compliance required as detailed in Alert Service Bulletin.

CAA AD No: 009–01–82

Associated Material: 72–A426

Description: *Engine* – Compressor Spool – Inspect.

Applicability – Compliance – Requirement

Applicable to Gnome engines as detailed in Service Bulletin. Compliance required as detailed in Service Bulletin.

CAA AD No: 005-05-83

Associated Material: 72-A386

Description: *Engine* – Combustion chamber fuel and burner manifold – Inspection for evidence of fretting.

Applicability – Compliance – Requirement

Applicable to Gnome engines as detailed in Service Bulletin. Compliance required as detailed in Service Bulletin.

CAA AD No: 008-11-85

Associated Material: 72-A465

Description: *Engine* – Power turbine wheel and shaft in Rex 448 material – Inspect.

Applicability – Compliance – Requirement

Applicable to Gnome engines as detailed in Service Bulletin. Compliance required as detailed in Service Bulletin.

CAA AD No: 002-01-87

Associated Material: 72-A474

Description: *Engine* – Coupling gearbox oil cooler. Oil return pipe damage.

Applicability – Compliance – Requirement

Applicable to Gnome engines as detailed in Service Bulletin. Compliance required as detailed in Service Bulletin.