

(2) Rolls Royce Continental Engines

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

CAA AD No: 0001 PRE 80

Associated Material: Marvel Schebler SB No. 12–60

Description: Additional cotter pin safety on the accelerator pump link.

Applicability – Compliance – Requirement

Applies to all C90, 0–200 and 0–300 series engines. The Civil Aviation Authority requires compliance with this Bulletin as follows:

At the next 25 hour inspection after receipt of this publication determine whether the carburettor accelerator pump link has a cotter pin fitted at each end. If affirmative record this fact in the engine log book. If negative incorporate Marvel Schebler Service Bulletin 12–60 not later than the next 25 hour inspection and record compliance in the engine log book.

CAA AD No: 0002 PRE 80

Associated Material: FAA AD 72–6–5

Description: Inspect and safety wire throttle arm on Marvel Schebler carburettors.

Applicability – Compliance – Requirement

Applies to Rolls-Royce Continental C90, 0–200, 0–240 and 0–300 engines in addition to Teledyne Continental engines.

CAA AD No: 0003 PRE 80

Associated Material: Rolls-Royce SBT200

Description: Oil pump drive gear backlash check and replacement.

Applicability – Compliance – Requirement

Applies to C90, 0–200 and 0–300 series engines.

CAA AD No: 0004 PRE 80

Associated Material: Rolls-Royce SBT244/1

Description: Exhaust valve guide – Inspection for correct fitment.

Applicability – Compliance – Requirement

Applicable to 0–200 and 0–300 series engines identified in the Bulletin.

CAA AD No: 0006 PRE 80

Associated Material: Rolls-Royce SBT363

Description: Crankcase – Identification, inspection and replacement.

Applicability – Compliance – Requirement

Applicable to IO-520A, B, BA, C, D, E, F, J, K, L and M; TSIO-520-B, C, D, E, G, H, J, K, L and N; GTSIO-520-C, D, F and H. Compliance as detailed in Service Bulletin.

CAA AD No: 0007 PRE 80

Associated Material: Rolls-Royce SBT375/1

Description: Flexible elbow TCM, Part No. 635930 – Separation from intake manifold elbows.

Applicability – Compliance – Requirement

Applicable to TSIO-520-J, TSIO-520-N series engines. Compliance as detailed in Service Bulletin.

CAA AD No: 0008 PRE 80

Associated Material: Rolls-Royce SBT398

Description: Aircraft/Engine certification.

Applicability – Compliance – Requirement

Applicable to O-240-A and E Model engines.

CAA AD No: 0009 PRE 80

Associated Material: Rolls-Royce SBT408

Description: Compliance with Slick Bulletin 1-80.

Applicability – Compliance – Requirement

Applicable to all models with Slick Models listed installed.

CAA AD No: 002-07-80

Associated Material: Rolls-Royce SBT416

Description: Crankshaft inspection.

Applicability – Compliance – Requirement

Applicable to O-240 engines and any crankshafts held as spares before fitment.

CAA AD No: 005-06-81

Associated Material: Rolls-Royce S.I.L. Cvr 1

Description: AC Fuel Pump Screen restriction.

Applicability – Compliance – Requirement

Applicable to C90, 0-200, 0-240 and 0-300 Series engines with AC Fuel Pumps Part No. 40585, 40695 or 631391 installed. INSPECT in accordance with Continental Aircraft Engine Service Bulletin M.81-8.

CAA AD No: 012-09-81

Associated Material: Rolls-Royce S.I.L. Cvr 2

Description: Oil pump drive gear nut.

Applicability – Compliance – Requirement

Applicable to IO-360C, D, G, H, J, K and TSIO-360C, D Series engines manufactured by Rolls-Royce Motors Ltd and identified by Serial Nos. 50R001 to 50R505 inclusive.

CAA AD No: 001-03-82

Associated Material: Rolls-Royce S.I.L. Cvr 3

Description: Crankshaft Inspection.

Applicability – Compliance – Requirement

Applicable to 0-240 Series engines. Engines subject to the repetitive inspections detailed in Service Bulletin T416/1 Section 8 will not be permitted to operate after 31 December 1982 unless a new crankshaft is fitted.