

# SERVICE BULLETIN

SERVICE BULLETIN NO: 72-002

REF NO: 029

MODIFICATION NO:

ATA CHAPTER: 72

**CHANGE THE FUEL CONTROL UNIT (REF. P&WC SB 14254) AND SET THE ENGINE PARAMETERS.**

## 1. Planning Information

### A. Effectivity

- (1) All aircraft up to and including MSN 171.
- (2) This Service Bulletin will be incorporated prior to delivery on aircraft MSN 172 and subsequent.

### B. Reason

Some engines have been experiencing torque oscillations when operating in the reverse or in the torque limiting mode.

The P&WC SB 14254 introduces a modified Fuel Control Unit (FCU) which has a larger PY orifice. When this FCU is fitted to the engine, the engine parameters must be re-set.

### C. Description

Accomplishment of this Service Bulletin consists of completing the following tasks:

- (1) Incorporate the P&WC Service Bulletin No. 14254.

**NOTE:** The P&WC SB 14254 must be incorporated prior to proceeding further with this PILATUS Service Bulletin. Particular attention must be paid to the statement made in Section 1.B. Concurrent Requirements.

- (2) Carry out an engine ground run and adjust the following:

- (a) Overspeed-governor.
- (b) CSU.
- (c) Nf-governor.
- (d) Adjust the engine torque.
- (e) Check the idle deadband.
- (f) Check the engine idle speed.
- (g) Check the reverse power.

### D. Compliance

#### **Mandatory.**

Within 90 days of receipt of this Service Bulletin.

**≡PILATUS≡**  
**PC12**  
**SERVICE BULLETIN**

**FOR PLANNING PURPOSES**

**E. Approval**

The technical aspects of this Service Bulletin have been approved by the Federal Office for Civil Aviation (FOCA) of Switzerland.

**NOTE:** PILATUS advises Operators/Owners to check with their local Airworthiness Authorities for any changes, local regulations or sanctions that may affect the embodiment of this Service Bulletin.

**F. Manpower**

<b>Task</b>	<b>Man-hours</b>
Incorporate P&WC SB 14254	4.00
Engine Ground Run (Ref. AMM 71-00-00 and TR 71-01)	2.00 **
<b>TOTAL MAN-HOURS</b>	<b>6.00</b>

**NOTE:** Man-hours figures are calculated for units installed in the aircraft and represent the total time estimated for the task.

\*\* These man-hours would not be required if this PILATUS Service Bulletin is done at the 100/annual inspection.

**G. Material - Cost and Availability**

**(1) Material**

Operators should contact your Authorized PILATUS PC-12 Service Center for more information on this Service Bulletin, or to:

PILATUS AIRCRAFT LTD,  
CUSTOMER LIAISON MANAGER  
CH 6371 STANS,  
SWITZERLAND.

Tel No: +41 41-619 6509  
Fax No: +41 41-610 3351

**NOTE:** Operators are requested to advise Pilatus Aircraft Ltd. of the Manufacturers Serial Number (MSN) and the flying hours of the aircraft which are allocated for this Service Bulletin, via the attached Service Bulletin Evaluation form.

**(2) Cost and Availability**

**H. Tooling**

Refer to P&WC SB 14254.

**I. Weight and Balance**

Not Affected.

**J. References**

Aircraft Maintenance Manual (AMM), Chapters 25-10-01, 71-00-00, 76-10-00 and P&WC SB 14242.