

# SERVICE BULLETIN

SERVICE BULLETIN NO: 32-017

MODIFICATION NO:

ATA CHAPTER: 32

## LANDING GEAR - MAIN LANDING GEAR ACTUATOR REPLACEMENT

### 1. Planning Information

#### A. Effectivity

PC-12 and PC-12/45 aircraft MSN 101 thru MSN 560 which have main landing gear (MLG) actuators (actuators) P/N: 960.30.01.103 with Serial Numbers 830E thru 881E installed.

Actuators (960.30.01.103) with Serial Numbers 830E thru 881E held as spare.

#### B. Concurrent Requirements

None

#### C. Reason

##### (1) Problem

Some components of MLG actuators (960.30.01.103) with Serial Numbers 830E thru 881E are known to have had incorrect heat treatment during manufacture. Components in this condition can decrease the specified fatigue life of the actuators.

Actuators (960.30.01.103) with Serial Numbers 830E thru 881E where installed in aircraft MSN 482 thru MSN 509 during manufacture. It is possible that these components could have been removed and then installed in other PC-12 or PC-12/45 aircraft.

##### (2) Solution

Replace actuators with Serial Numbers 830E thru 881E.

#### D. Description

This Service Bulletin gives the data and instructions necessary to replace actuators with Serial Numbers 830E thru 881E.

#### E. Compliance

Mandatory

Required before the actuators have completed 1000 flight hours but not later than 12 months from the issue date of the initial Service Bulletin.

**F. Approval**

The technical content of this document is approved by the Federal Office for Civil Aviation of Switzerland as an Airworthiness Directive.

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.

**G. Manpower**

	Total
Removal	1.0
Installation	1.0
Test	1.0
<b>TOTAL MAN-HOURS</b>	<b>3.0</b>

The man-hours are given for the replacement of one actuator assembly.

**H. Weight and Balance**

**(1) Weight Change**

Not affected.

**(2) Moment Change**

Not affected.

**I. Electrical Load Data**

Not changed.

**J. Software**

Not changed.

**K. References**

Aircraft Maintenance Manual (AMM), 32-30-01.

Illustrated Parts Catalogue, 32-30-00.

**L. Publications Affected**

Not affected.

**M. Interchangeability of Parts**

Not applicable.