

Service Bulletin No: 27-004

Ref No: 220

Modification No: EC-16-0250

ATA Chapter: 27

**FLIGHT CONTROLS - HORIZONTAL-STABILIZER TRIM-SYSTEM  
RELOCATION OF THE STAB TRIM CIRCUIT-BREAKER****1. Planning Information****A. Effectivity**

PC-6 aircraft MSNs 337 thru 1011 with electrical stabilizer trim.

Aircraft MSN 1012 and subsequent will have an additional circuit breaker added in production.

Fairchild built PC-6 aircraft MSNs 2001 thru 2092.

**B. Concurrent Requirements**

None.

**C. Reason****(1) Problem**

The existing STAB TRIM circuit breaker is not easily accessible to the pilot.

**(2) Solution**

An additional STAB TRIM - MAIN circuit breaker is installed on the cockpit center panel.

**D. Description**

This Service Bulletin gives the data and instructions to:

- Remove the existing cockpit center panel
- Install a new cockpit center panel
- Replace the STAB TRIM circuit breaker on the LH CB panel
- Modify the wiring to include the new STAB TRIM - MAIN circuit breaker in the horizontal stabilizer trim system wiring
- Test the modified horizontal stabilizer trim system.

Revision No. 1 to this Service Bulletin:

- Amends the descriptive data in Para 2.B.(1) for Modification Kit No. 100.50.06.006
- Updates the P/N for the terminal lug from 971.31.18.577 to 971.31.18.523
- No additional work is necessary for Operators that have embodied this Service Bulletin at the initial issue.

Revision No. 2 to this Service Bulletin:

- Updates Figure 1 with a new dimension - 106 mm (4.173 in).
- No additional work is necessary for Operators that have embodied this Service Bulletin at a previous revision or initial issue.

**E. Compliance**

Optional.

**F. Approval**

The technical content of this Service Bulletin is approved under the authority of DOA No. EASA. 21J. 357.

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

**G. Copyright and Legal Statements**

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**H. Manpower**

	Total
Preparation	1.5
Modification	10.0
Test	0.5
Close Up	2.5
<b>TOTAL MAN-HOURS</b>	<b>14.5</b>

**NOTE:** Man-hours figures do not include the time required to cure sealants, paints and adhesives.

**I. Weight and Balance****(1) Weight Change**

Not changed.

**(2) Moment Change**

Not changed.

**J. Electrical Load Data**

Not changed.

**K. Software**

Not changed.

**L. References**

PC-6 aircraft except B2-H2/B2-H4:

- Airworthiness Limitations (AL) Doc. 02334: Appendix E.

PC-6 aircraft B2-H2/B2-H4:

- Aircraft Maintenance Manual (AMM Doc. 01975): 20-31-00, 24-00-00.

**M. Publications Affected**

AMM (Doc. 01975)

Illustrated Parts Catalog (IPC)

**N. Interchangeability of Parts**

Pre and Post-Service Bulletin 27-004 items are not interchangeable.

**2. Material Information****A. Material - Price and Availability**

Operators that require additional information and/or Service Bulletin Material should contact Pilatus Customer Support on [www.pilatus-aircraft.com](http://www.pilatus-aircraft.com) → contact us

**NOTE:** Part numbers given in this Service Bulletin are correct at the time of approval. Pilatus Aircraft Ltd. reserves the right to change the part numbers as necessary. Part numbers of items delivered with the Modification Kit are correct when dispatched. This could lead to differences between those part numbers quoted in this Service Bulletin and the Modification Kit if parts are superseded. Operators are requested to check the IPC for delivered parts which differ from those listed in the Service Bulletin Materials Kit List.

**B. Warranty**

Not applicable.

**C. Material Necessary for Each Aircraft****(1) Material to be Procured**