

Service Bulletin No: 31-016

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Modification No: EC-11-0564, EC-11-0186

ATA Chapter: 31

**INDICATING / RECORDING SYSTEMS - INDEPENDENT INSTRUMENTS  
REPLACE THOMMEN DIGITAL CLOCK WITH DAVTRON DIGITAL CLOCK****1. Planning Information****A. Effectivity**

PC-12/47E aircraft MSN 1001 - 1299, 1301 - 1340 with a Thommen Digital Clock installed.

**B. Concurrent Requirements**

None.

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

The Thommen Digital Clock (P/N 999.61.11.213) is no longer available.

**(2) Cause**

The Thommen Digital Clock is no longer manufactured.

**(3) Solution**

Replace the Thommen Digital Clock with the Davtron Digital Clock MC877 (P/N 999.61.11.214).

**D. Description**

This Service Bulletin gives the instructions and data necessary to replace the Thommen Digital Clock with the Davtron Digital Clock.

**E. Compliance**

Optional.

**F. Approval**

The technical content of this document 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.

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**H. Manpower**

	Man-Hours
Preparation	0.5
Modification	2.5
Close up/test	1.0
<b>TOTAL MAN-HOURS</b>	<b>4.0</b>

**I. Weight and Balance**

None.

**J. Electrical Load Data**

Not changed.

**K. Software**

Not changed.

**L. References**

Aircraft Maintenance Manual (AMM):

12-B-20-31-00-00A-070A-A	12-B-24-00-00-00A-901A-A	12-B-24-30-07-00A-920A-A
12-B-24-30-07-00A-920B-A	12-B-25-10-01-00A-920A-A	12-B-25-10-03-00A-920A-A
12-B-31-20-12-00A-903B-A	12-B-31-20-12-00A-920A-A	12-B-31-20-12-00A-920B-A

**M. Publications Affected**

Illustrated Parts Catalog

Wiring Diagram Manual.

**N. Interchangeability of Parts**

Not interchangeable.

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

Operators should send orders for Service Bulletin Modification Kits, to their Authorized Pilatus Service Center, or to:

PILATUS AIRCRAFT LTD.,  
CUSTOMER SUPPORT MANAGER,  
CH-6371 STANS,  
SWITZERLAND

General Aviation:  
Tel: + 41 41 619 3333  
Fax: + 41 41 619 7311  
eMail: SupportPC12@pilatus-aircraft.com

PILATUS BUSINESS AIRCRAFT LTD.,  
PRODUCT SUPPORT DEPARTMENT  
11755 AIRPORT WAY  
BROOMFIELD, CO 80021.  
UNITED STATES OF AMERICA

Tel: 303 465 9099  
Fax: 303 465 6040  
eMail: Productsupport@PilBal.com

PILATUS AUSTRALIA (PTY.) LTD,  
17 JAMES SCHOFIELD DRIVE,  
ADELAIDE AIRPORT SA 5950,  
AUSTRALIA

Tel: (08) 8234 4433  
Fax: (08) 8234 4499  
Free Call: 1800 445 007  
eMail: supportpc12@pilatus.com.au

Operators are requested to advise Pilatus Aircraft Ltd, of the Manufacturer's Serial Number (MSN) and the flying hours of aircraft which are affected by this Service Bulletin.

**B. Material Necessary for Each Aircraft**

**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 the kit is 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.