

**FOR PLANNING PURPOSES**

# SERVICE BULLETIN

SERVICE BULLETIN NO: 46-001

REF NO: 225

MODIFICATION NO: EC-08-0463

ATA CHAPTER: 46

## SYSTEMS INTEGRATION AND DISPLAY - DISPLAY REPLACE THE MULTI-FUNCTIONAL CONTROLLER (MFC)

### 1. Planning Information

#### A. Effectivity

PC-12/47E aircraft MSN 545 and MSNs 1001 thru 1100.

This modification will be incorporated during production on MSNs 1101 and subsequent.

#### B. Concurrent Requirements

Service Bulletin 45-001 (Upgrade the Honeywell Primus Apex Software to Build 5) must be done prior to or at the same time as this Service Bulletin.

#### C. Reason

With the introduction of the Honeywell APEX Software Build 5, Pilatus has introduced a new Multi-Functional Controller (MFC) for the PC-12/47E. The main features of the new MFC is the availability of the SD-Card Slot for data loading and the chart/video button.

#### D. Description

This Service Bulletin gives the data and instructions necessary to replace the MFC.

#### E. Compliance

Recommended.

#### 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 local Airworthiness Authorities for any changes, local regulations or sanctions that may affect the embodiment of this Service Bulletin.

**G. Manpower**

<b>Task</b>	<b>Man-hours</b>
Replacement	1.5
<b>TOTAL MAN-HOURS</b>	<b>1.5</b>

**H. Weight and Balance**

Not affected.

**I. Electrical load Data:**

Not changed

**J. Software:**

Not affected.

**K. References**

Aircraft Maintenance Manual (AMM): 12-B-46-30-04-00A-920A-A.

**L. Publications Affected**

AMM, 12-B-46-30-00-00A-903A-A

Illustrated Parts Data (IPD), 31-13-10

Aircraft Wiring Manual (AWM)

Remove TR No. 7 from the AFM Rev. No. 7.

**M. Interchangeability of Parts:**

One way interchangeable. A pre-Service Bulletin 46-001 MFC must not be installed in a post-Service Bulletin 46-001 aircraft.

**2. Material Information**

**A. Material - Price and Availability**

Operators should contact their local Honeywell Representative to order replacement parts.

**The purchase order must give the aircraft MSN that the MFC will be installed on and also the need-by-date that the MFC is required.**

**Service Centers must make sure that the aircraft which will have this Service Bulletin accomplished has been scheduled with Pilatus. Honeywell will not deliver a replacement MFC (P/N 071-01598-0501) unless the aircraft is scheduled with Pilatus.**

If you want more information about the serialization of software build 5, please contact us as follows:

PILATUS AIRCRAFT LTD.,  
COORDINATOR SERIALISATION PC-12 NG,  
CH-6371 STANS,  
SWITZERLAND

Markus Flury  
Tel: + 41 41 619 33 75  
Fax: + 41 41 619 69 06  
eMail: mflury@pilatus-aircraft.com

PILATUS BUSINESS AIRCRAFT LTD.,  
COMPONENT SERVICES ADMINISTRATOR  
11755 AIRPORT WAY  
BROOMFIELD, CO 80021.  
UNITED STATES OF AMERICA

Jerry Frank  
Tel: +1 303 410 2731  
Fax: +1 720 887 8915  
eMail: jfrank@PilBal.com

PILATUS AUSTRALIA (TY.) LTD,  
CUSTOMER SUPPORT MANAGER PC-12  
17 JAMES SCHOFIELD DRIVE,  
ADELAIDE AIRPORT SA 5950,  
AUSTRALIA

Graham Fuller  
Tel: +61 8234 4433  
Fax: +61 8234 4499  
eMail: gfuller@pilatus.com.au