

Service Bulletin No: 31-011

Ref No: 266

Modification No: EC-09-0685

ATA Chapter: 31

**INDICATING AND RECORDING SYSTEMS - CENTRAL COMPUTERS  
INTRODUCTION OF ADVANCED GRAPHICS MODULE P/N 985.99.12.222****1. Planning Information****A. Effectivity**

PC-12/47E aircraft MSN 545, 1001 thru 1270.

**B. Concurrent Requirements**

Service Bulletin 45-005 - Update Honeywell Primus APEX Operational Software to Build 7.

**C. Reason**

(1) Problem:

The existing Advanced Graphics Modules (AGM) P/N 985.99.12.157 have flash memory that is no longer available.

(2) Cause:

Obsolescence.

(3) Solution:

Install an AGM with updated flash memory.

**D. Description**

This Service Bulletin gives the data and instructions necessary to install a new AGM in the Modular Avions Unit (MAU).

**E. Compliance**

Optional when an existing AGM is not serviceable.

**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.

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**H. Manpower**

Task	Man-hours	
	Executive Interior	Standard Interior
Preparation	1.0	0.5
Modification	5.0	5.0
Close-Up	1.0	0.5
<b>TOTAL MAN-HOURS</b>	<b>7.0</b>	<b>6.0</b>

**I. Weight and Balance:**

Not changed.

**J. Electrical load Data:**

Not changed .

**K. Software:**

Not changed.

**L. References:**

Aircraft Maintenance Manual (AMM)

12-B-31-41-00-00A-920A-A 12-B-31-42-00-00A-920A-A

**M. Publications Affected:**

IPC.

**N. Interchangeability of Parts:**

Fully interchangeable post Service Bulletin 45-005 (Primus APEX Software Build 7).

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

Pilatus advise that the standard lead times for parts may be up to 4 months. It is therefore recommended to order an upgraded unit through the Honeywell SPEX pool.

If you require more information about this modification, please contact us as follows:

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 one 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.

**(1) Parts to be ordered from Honeywell:**

New Part No.	Description	Old Part No.	Qty	Disp. Code	Fig	Item
7036410-1904 (985.99.12.222)	ADVANCED GRAPHICS MODULE	7036410-1902 (985.99.12.157)	1	R	-	-

Disposition Codes: D - Discard / N - New / R - Return to Honeywell

**C. Operator Supplied Materials (Ref. AMM, 12-B-20-31-00-00A-070A-A):**

None