

Service Bulletin No: 31-010

Ref No: 268

Modification No: EC-10-0011

ATA Chapter: 31

**INDICATING AND RECORDING SYSTEMS - CENTRAL DISPLAY SYSTEMS
INTRODUCTION OF AN APEX VIDEO INPUT SYSTEM****1. Planning Information****A. Effectivity**

All PC-12/47E aircraft.

B. Concurrent Requirements

For aircraft MSN 1001 thru 1270 - Service Bulletin 45-005 - Update Honeywell Primus APEX Operational Software to Build 7.

Service Bulletin 45-004 - Load new Honeywell Primus APEX Option file for various Factory Options (if not already done in conjunction with Service Bulletin 45-005).

C. Reason

(1) Problem:

Customer requests for a video input system.

(2) Cause:

None.

(3) Solution:

Install a video input system. This modification requires that the Honeywell Primus APEX Option file is loaded with the Video Input option enabled.

D. Description

This Service Bulletin gives the data and instructions necessary to install a video input system.

Revision 1 of this Service Bulletin corrects the bonding resistance value. Operators who have already successfully accomplished this Service Bulletin do not need to do further work.

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 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
Preparation	6.0
Modification/Test	14.0
Close-Up	6.0
TOTAL MAN-HOURS	26.0

I. Weight and Balance:

Weight 0.53 kg; Moment 7400 mm

J. Electrical load Data:

AVIONIC 2 BUS

Continuous current: 0.3A

Short term current: 0A

Transient current: 0A

K. Software:

Not changed.

L. References:

Aircraft Maintenance Manual (AMM) :

12-B-06-20-00-00A-040A-A 12-B-20-31-00-00A-070A-A
12-B-20-40-10-00A-901A-A 12-B-20-50-10-00A-920A-A
12-B-24-00-00-00A-901A-A 12-B-25-21-04-00A-920A-A
12-B-25-22-04-00A-920A-A

Structural Repair Manual (SRM) :

12-B-51-40-01-00A-041A-A

M. Publications Affected:

AFM, AMM, IPC.

N. Interchangeability of Parts:

Not applicable.

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

Use the Order Form in Service Bulletin 45-004 (load the Honeywell Primus APEX Option file for various Factory Options) to send orders for the modification kit to your 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 one Aircraft: