

FOR PLANNING PURPOSES

SERVICE BULLETIN

SERVICE BULLETIN NO: 77-002

REF NO: 116

MODIFICATION NO: EC-07-0337

ATA CHAPTER: 28

ENGINE - INDICATION INSTALLATION OF AN ADDITIONAL WIRE

1. Planning Information

A. Effectivity

- (1) All PC-12 and PC-12/45 aircraft from MSN 112 up to and including MSN 260 with Engine Instrument System (EIS) -3 version (P/N 975.29.02.015) installed.

This Service Bulletin will be incorporated prior to delivery on aircraft MSN 261 and subsequent.

B. Concurrent Requirements

None.

C. Reason

(1) Problem

EIS Version 3 features separate WARNING and CAUTION push buttons. It is not possible to reset the CAUTION push button when EIS Version 3 is installed in PC-12 and PC-12/45 aircraft with EIS Version 1 or 2 wiring.

(2) Cause

Wire (E4D24) not installed.

(3) Solution

Install wire (E4D24).

D. Description

This Service Bulletin incorporates additional wiring to make sure that the Engine Instrument System (EIS) is fully functional when the -3 version (P/N 975.29.02.015) is installed.

NOTE: It is recommended that SB 77-003 - Engine Indication - Modification to EIS Wiring is incorporated with this Service Bulletin.

Revision 1 of this Service Bulletin changes the routing of two wires if the co-pilot's Master Caution and Warning switches are installed. It also gives revised schematic wiring diagrams for the complete Service Bulletin.

Revision No. 2 of this Service Bulletin add the engineering change number and corrects the part number of the socket in the kit. It also updates the Service Bulletin to the latest standard.

E. Compliance

Recommended.

F. Approval

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

NOTE: 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

	Total
Preparation	1.5
Installation of the new wire	5.0
Close up	1.5
TOTAL MAN-HOURS	8.0

H. Weight and Balance

(1) Weight Change

Not affected.

(2) Moment Change

Not affected.

I. Electrical Load Data

Not changed.

J. Software

Not changed.

K. References

Aircraft Maintenance Manual (AMM), 25-10-01, 25-10-03, 77-40-00 and 77-40-04.

Aircraft Wiring Manual (AWM), 31-50-10 and 77-40-10.

L. Publications Affected

AWM, 31-50-10 and 77-40-10.

M. Interchangeability of Parts

On incorporation of this Service Bulletin, a -3 version (P/N 975.29.02.015) of the EIS must be installed.

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 6208
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: info@pilatus.com.au

NOTE: 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.