

**FOR PLANNING PURPOSES**

# SERVICE BULLETIN

SERVICE BULLETIN NO: 33-004

REF NO: 090

MODIFICATION NO:

ATA CHAPTER: 33

## LIGHTS - FLIGHT COMPARTMENT REPLACEMENT OF THE DIMMER UNIT

**A. Effectivity**

- (1) All PC-12 and PC-12/45 aircraft from MSN 101 up to and including MSN 260.

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

- (2) All dimmer units (P/N. 975.02.15.201) held as spares.

**B. Concurrent Requirements**

None.

**C. Reason**

- (1) **Problem**

While night-flying, pilots have complained that the advisory channel dim level is too bright (i.e. the Landing Gear Indicators).

- (2) **Cause**

Due to internal circuitry.

- (3) **Solution**

The dimmer unit is replaced with a new dimmer unit which reduces the brightness of the advisory channel, in the dim mode, to a more desirable level.

**D. Description**

This Service Bulletin gives the procedure to replace the dimmer unit and incorporate a small electrical modification.

**E. Compliance**

Optional.

**F. Approval**

The technical aspects of this Service Bulletin have been approved by the Federal Office for Civil Aviation (FOCA) of Switzerland.

**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	1.0
Modification of the wiring	3.0
Close up	1.0
<b>TOTAL MAN-HOURS</b>	<b>5.0</b>

**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), Chapter 33-10-04 and 33-10-03.

Illustrated Parts Catalog (IPC), Chapter 31-10-00.

Wiring Manual, Chapter 33-10-00.

**L. Publications Affected**

Illustrated Parts Catalog (IPC), Chapter 33-10-00 and 33-10-30.

**M. Interchangeability of Parts**

The old and new parts are not interchangeable.

**SERVICE BULLETIN**

**1. 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 LIAISON MANAGER,  
CH 6371 STANS,  
SWITZERLAND.

or PILATUS BUSINESS AIRCRAFT LTD.,  
PRODUCT SUPPORT DEPARTMENT,  
11755 AIRPORT WAY,  
BROOMFIELD, CO 80021.  
USA

Tel : + 41 41 619 6319 (General aviation)

Tel : + 41 41 619 6509 (Government)

Fax: + 41 41 610 3351

Tel : 303 465 9099

Fax: 303 465 6040

**NOTE:** Operators are requested to advise Pilatus Aircraft Ltd, using the Service Bulletin Evaluation Sheet, of the Manufacturer's Serial Number (MSN) and the flying hours of aircraft which are allocated for this Service Bulletin.