

# SERVICE BULLETIN

SERVICE BULLETIN NO: 24-011

REF NO: 138

MODIFICATION NO: 990022

ATA CHAPTER: 24

## ELECTRICAL POWER - DC GENERATION SYSTEM GENERATOR 1 AMP INDICATION SYSTEM - INSTALLATION

### 1. Planning Information

#### A. Effectivity

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.

On aircraft MSN 321 and MSN 401 and subsequent, this modification will be incorporated in a new engine management panel.

#### B. Concurrent Requirements

Service Bulletin 24-015 (Electrical Power - General - Installation of a Protective Cover)

#### C. Reason

##### (1) Problem

There is no display of the GEN 1 voltage and current outputs.

##### (2) Cause

Indication system not installed.

##### (3) Solution

Install a current sensor, indicator and the applicable related components.

#### D. Description

This Service Bulletin gives the procedure to install a new:

- Current sensor on the electrical distribution panel in the engine compartment
- Indicator in the overhead panel (Left of the Power Management Panel) and a new 1 Amp circuit breaker on the Pilot's left forward CB panel - together with all necessary electrical cables.

#### 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	5.0
Modification of the	20.0
Close up	7.0
<b>TOTAL MAN-HOURS</b>	<b>32.0</b>

**H. Weight and Balance**

**(1) Weight Change**

Negligible.

**(2) Moment Change**

Negligible.

**I. Electrical Load Data**

Not changed.

**J. Software**

Not changed.

**K. References**

Aircraft Maintenance Manual (AMM), 06-20-00, 24-00-00, 24-30-01, 24-30-07, 24-40-00, 25-10-01, 25-10-03, 25-10-04, 25-21-06, 25-21-06 and 71-00-00.

Illustrated Parts Catalog (IPC), 11-30-00

**L. Publications Affected**

AMM, 24-30-00

IPC, 11-30-00 and 24-50-00.

**M. Interchangeability of Parts**

Not applicable.

**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 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 41 619 6224

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.