

SERVICE BULLETIN

SERVICE BULLETIN NO: 32-007

REF NO: 096

MODIFICATION NO:

ATA CHAPTER: 32

LANDING GEAR - MAIN LANDING GEAR INSTALLATION OF STATIC DISCHARGERS ONTO THE MAIN LANDING GEARS

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 before delivery on aircraft MSN 261 up to and including MSN 320.

The intent of this Service Bulletin will be incorporated as a design change, prior to delivery, on aircraft MSN 321 and subsequent.

B. Concurrent Requirements

None

C. Reason

(1) Problem

Electrical disturbance of the Weight-on-wheels relay.

(2) Cause

The Weight-on-wheels proximity target is picking-up transmissions from the ATC Transponder/DME Antenna. This may cause incorrect operation of the weight-on-wheels switch and therefore the weight-on-wheels relay.

(3) Solution

To install a static discharger (1 GHz lamda/4) on both Main Landings Gears.

D. Description

This Service Bulletin describes how to install a static discharger on each MLG, just below the proximity switch (Ref. Fig. 1).

E. Compliance

Recommended.

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	0.5
Installation of Static Lines	1.0
Close up	0.5
TOTAL MAN-HOURS	2.0

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), Chapter 32-10-01.

Illustrated Parts Catalog (IPC) Chapter 32-10-00.

L. Publications Affected

Illustrated Parts Catalog (IPC), Chapter 32-10-00.

M. Interchangeability of Parts

Not applicable.

SERVICE BULLETIN

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 41 610 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.