



PILATUS AIRCRAFT LTD. CH-6371 STANS, SWITZERLAND

FOR PLANNING PURPOSES

SERVICE BULLETIN

SERVICE BULLETIN NO: 24-009

REF NO: 073

MODIFICATION NO: 98 0130

ATA CHAPTER: 24

ELECTRICAL POWER - DC GENERATION - INSTALLATION OF A CUT-OUT RELAY

1. Planning Information

A. Effectivity

All PC-12 and PC-12/45 aircraft from MSN 101 through to MSN 180.

This Service Bulletin will be incorporated prior to delivery on aircraft MSN 181 and subsequent.

B. Reason

The second generator had an over-voltage protection which was found not to automatically disconnect the second generator from the electrical system; in the instance of an over-voltage condition. Therefore, PILATUS introduces a cut-out relay, controlled by the Voltage Control Unit, which can isolate the second generator, automatically, should a faulty condition occur.

C. Description

Accomplishment of this Service Bulletin consists of the tasks that follow:

Installation of a new support bracket and a cut-out relay, for the second generator, together with all the necessary wiring.

D. Compliance

Mandatory.

Required within the next 180 days, after the effective date of this Service Bulletin, unless already accomplished.

E. Approval

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

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.

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F. Manpower

Preparation	2.0
Modification	2.0
Test	1.0
Close-Up	3.0
TOTAL MAN-HOURS	8.0

NOTE: Man-hours figures are calculated for units installed in the aircraft and represent the total time estimated for the task.

G. Material - Cost and Availability

(1) Material

Operators should send orders, for Service Bulletin modification kits, to their Authorized Pilatus PC-12 Service Center.

or:

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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.

(2) Cost and Availability

H. Tooling

None.

I. Weight and Balance

Not Affected.

J. References

Aircraft Maintenance Manual (AMM), Chapters 24-00-00 and 24-30-00.

K. Publications Affected

Illustrated Parts Catalog (IPC), 24-50-00, Figure 10.