



PILATUS AIRCRAFT LTD. CH-6371 STANS, SWITZERLAND

FOR PLANNING PURPOSES

SERVICE BULLETIN

SERVICE BULLETIN NO: 24-021

REF NO: 171

MODIFICATION NO: 900263

ATA CHAPTER: 24

ELECTRICAL POWER - DC GENERATION GEN 1 GROUND SENSING LEAD

1. Planning Information

A. Effectivity

(1) All PC-12 and PC-21/45 aircraft from MSN 401 thru MSN 500 and MSN 321.

B. Concurrent Requirements

None

C. Reason

(1) Problem

Generator 1 will not come on-line in some aircraft.

(2) Cause

A ground sensing lead and a ground output from the generator control unit are connected with a link wire.

(3) Solution

Remove the installed AWG20 link wire and install a separate ground sensing lead, which is fully isolated from other ground leads.

D. Description

This Service Bulletin gives the data and instructions to remove a link wire and install a new wire.

E. Compliance

Mandatory.

Required at the next 100 hour Inspection or Annual Inspection, whichever comes first.

F. 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.

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
Modification to the wires	2.0
Test and Close up	1.0
TOTAL MAN-HOURS	3.5

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), 06-20-00, 24-00-00, 24-30-07 and 71-00-00.

L. Publications Affected

AMM, .

M. Interchangeability of Parts

Not affected.

2. Material Information

A. Material - Price and Availability

Operators should send orders for SB Modification Kits, to their Authorized Pilatus Service Center, or to:

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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 SB.