

FOR PLANNING PURPOSES

SERVICE BULLETIN

SERVICE BULLETIN NO: 28-010

REF NO: 158

MODIFICATION NO: 010192

ATA CHAPTER: 28

ENGINE - DISTRIBUTION ENGINE DRIVEN PUMP - REPLACEMENT RELIEF-VALVE-BODY HOUSING AND SEALS

1. Planning Information

A. Effectivity

All PC-12 and PC-12/45 aircraft from MSN 101 thru MSN 406 and MSN 408 thru MSN 419 with Engine Driven Pump (EDP) Vendor Part Number RG9570R1, PILATUS Part Number 968.84.51.106 installed.

All EDP Vendor Part Number RG9570R1, PILATUS Part Number 968.84.51.106 held as spare.

B. Concurrent Requirements

None.

C. Reason

(1) Problem

Fuel leakage through the Engine Driven Pump (EDP) relief valve.

(2) Cause

Fuel leakage is possible past the gasket of the EDP relief valve because the gasket can be pushed out between the relief valve housing and the EDP housing.

(3) Solution

This Service Bulletin changes the valve housing assembly of the EDP (Crane Lear Romec SB RG9570-73-002). The new design of valve housing and seals gives better protection against fuel leakage.

D. Description

This Service Bulletin gives the data and instructions to remove the EDP, do Lear Romec SB9570-73-002 and install the fuel pump.

Post Vendor SB RG9570-73-002 the EDP becomes PILATUS P/N: 968.84.51.108 and Vendor P/N: 9570R1/M.

E. Compliance

Mandatory

At the next Annual Servicing after the effective date of this Service Bulletin.

F. Approval

The technical aspects of this Service Bulletin are 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 can affect the embodiment of this Service Bulletin.

G. Manpower

	Total
Preparation	1.0
Incorporation of Vendor SB	3.0
Close up	1.5
TOTAL MAN-HOURS	5.5

NOTE: Man-hours figures do not include the time required to cure sealants and adhesives.

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), 05-22-10 and 28-20-03.

Vendor SB RG9570-73-002.

L. Publications Affected

Illustrated Parts Catalog, 73-10-0, Fig. 01.

M. Interchangeability of Parts

Pre-Service Bulletin 28-010 EDP and post-Service Bulletin 28-010 EDP are not interchangeable.

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:

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