

SERVICE BULLETIN

SERVICE BULLETIN NO: 28-009

REF NO: 140

MODIFICATION NO:

ATA CHAPTER: 28

ENGINE FUEL AND CONTROL - DISTRIBUTION ENGINE-DRIVEN FUEL PUMP - TORQUE CHECK OF RELIEF-VALVE-BODY SCREWS

1. Planning Information

A. Effectivity

All PC-12 and PC-12/45 aircraft from MSN 101 thru MSN 400 with Engine Driven Pump (EDP) Vendor Part Number RG9570R1, PILATUS Part Number 968.84.51.106 installed.

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

Incorporation of this Service Bulletin is not necessary on EDPs with vendor Part Number RG95701R1/M, PILATUS Part Number 968.84.51.106/M.

B. Concurrent Requirements

None.

C. Reason

(1) Problem

Fuel leakage through the gasket of the EDP relief valve.

(2) Cause

It is possible the torque of the screws that attach the EDP relief-valve cover to the relief valve housing is not correct. It is also possible that the gasket between the EDP relief-valve housing and the EDP housing has been pushed out.

(3) Solution

Do a check of the torque value of the EDP relief-valve-cover screws, inspect the EDP and replace if necessary.

D. Description

This Service Bulletin gives the data and instructions to do:

- A check of the EDP relief valve for fuel leakage and gasket material pushed out
- A check of the torque of the screws that attach the EDP relief-valve-cover to the relief valve housing.

E. Compliance

Mandatory.

Must be incorporated within the next 20 hours time-in-service (TIS) or 30 days after the effective date of this Service Bulletin whichever comes first.

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.

NOTE: 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	Total
Preparation	0.25	0.25
Torque Check (without EDP removal)	1.00	
Torque Check (with EDP removed)		1.50
Close up	0.25	0.25
TOTAL MAN-HOURS	1.50	2.00

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), 06-20-00 and 28-20-03.

L. Publications Affected

Illustrated Parts Catalog (IPC), 73-10-00.

M. Interchangeability of Parts

Do not install an EDP PILATUS Part Number 968.84.51.106.

2. Material Information

A. Material - Price and Availability

If applicable, Operators should send orders for EDPs, to their Authorized Pilatus Service Center, or to:

PILATUS AIRCRAFT LTD.,
CUSTOMER LIAISON MANAGER,
CH-6371 STANS,
SWITZERLAND

General Aviation:
Tel : + 41 41 619 6319
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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 Service Bulletin.