

SERVICE BULLETIN

SERVICE BULLETIN NO: 28-007

REF NO: 099

MODIFICATION NO:

ATA CHAPTER: 28

FUEL - DISTRIBUTION REPLACEMENT OF THE FUEL FILTER BOWL O-RING SEALS

1. Planning Information

A. Effectivity

- (1) All PC-12 and PC-12/45 aircraft from MSN 101 up to and including MSN 279.

This Service Bulletin will be incorporated prior to delivery, on aircraft MSN 280 and subsequent.

- (2) All O-rings (P/N's. 946.91.29.111 and 946.91.29.233) and filter assemblies held as spares.

B. Concurrent Requirements

None

C. Reason

(1) Problem

Possible fuel filter leakage at low ambient temperatures.

(2) Cause

The present O-rings tend to harden at low ambient temperatures.

(3) Solution

Replace the existing fuel filter O-ring Seals with new Fluorosilicone O-ring seals.

D. Description

This Service Bulletin gives instructions on how to replace the fuel filter O-ring seals and how to check the metal-to-metal contact of the filter bowl and the cap nut.

E. Compliance

Recommended.

PILATUS recommends that this task should be done at the next 100 hours inspection, or earlier for those aircraft operating in low ambient temperatures, or when the fuel filter assembly shows a leak.

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
Replace the fuel filter O-ring seals	1.0
Close up	0.5
TOTAL MAN-HOURS	2.0

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), Chapter 28-20-01.

L. Publications Affected

Illustrated Parts Catalog (IPC), Chapter 28-20-00.

M. Interchangeability of Parts

Pre and Post SB O-ring seals are not interchangeable as single units. It is not permitted to install one pre and one post SB O-ring seal.

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.