

FOR PLANNING PURPOSES

SERVICE BULLETIN

SERVICE BULLETIN NO: 21-006

REF NO: 113

MODIFICATION NO:

ATA CHAPTER: 21

AIR CONDITIONING - GENERAL INSTALLATION OF A COVER OVER THE ECS TEMPERATURE CONTROL VALVE

1. Planning Information

A. Effectivity

All PC-12 and PC-12/45 aircraft from MSN 101 up to and including MSN 260.

This Service Bulletin will be incorporated prior to delivery on aircraft MSN 261 and subsequent.

B. Concurrent Requirements

None

C. Reason

(1) Problem

The temperature control system does not operate correctly in wet conditions.

(2) Cause

Rain water can go into the engine compartment at the seals between the left and right upper engine-cowlings and the front pressure bulkhead. The water can collect in the electric actuator of the temperature control valve and cause it to become unserviceable.

(3) Solution

Install a cover over the top of the temperature control valve to prevent the collection of water.

D. Description

This Service Bulletin gives the necessary data and instructions to install the new cover over the temperature control valve.

Revision A of this Service Bulletin changes the warranty statement.

E. Compliance

Recommended.

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
Modification of the heatshield and installation of the new cover	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), 06-20-00, 20-31-00 and 24-00-00.

L. Publications Affected

AMM, 21-60-01.

Illustrated Parts Catalog, 21-40-00.

M. Interchangeability of Parts

Not applicable.

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 41 619 6224

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.