

SERVICE BULLETIN

SERVICE BULLETIN NO: 21-003

REF NO: 045

MODIFICATION NO: 960759

ATA CHAPTER: 21

MODIFICATION OF THE AUXILIARY PIPING AND INSTALLATION OF AN IMPROVED TEMPERATURE CONTROL VALVE

1. Planning Information

A. Effectivity

- (1) All aircraft up to and including MSN 180.
- (2) This Service Bulletin is incorporated prior to delivery on aircraft MSN 181 and subsequent.

B. Reason

Product improvement to increase the air temperature in the flight and passenger compartments.

Revision 1 of this Service Bulletin makes the Temperature Control Valve an item that must be ordered in addition to the modification kit. A core deposit must be paid for the Temperature Control Valve. Revision 1 also corrects some minor typographical errors.

C. Description

Accomplishment of this Service Bulletin consists of completing the following tasks:

Aircraft

- (1) Removing engine cowlings 43 AL and 43 AR.
- (2) Removing the temperature control valve and pipes.
- (3) Installing the improved temperature control valve and pipes.
- (4) Doing a functional test.
- (5) Entering SB 21-003 as embodied in the Aircraft's Logbook.

Spares

None.

D. Compliance

Optional.

E. 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.

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FOR PLANNING PURPOSES

F. Manpower

Task	Man-hours
Open engine cowlings 43 AL and 43 AR. Modification	0.25 3.0
Close engine cowlings 43 AL and 43 AR. Functional Test	0.25 1.0
Close-up	0.5
TOTAL MAN-HOURS	5.0

NOTE: Man-hours figures are calculated for units installed in the aircraft and represent the total time estimated for the task.

G. Material - Cost and Availability

(1) Material

Operators should send orders for Service Bulletin modification kits and additional components, to:

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

Tel No: +41 41-6196 233
Fax No: +41 41-6103 351

or contact your Authorized PILATUS PC-12 Service Center.

NOTE: Operators are requested to advise Pilatus Aircraft Ltd. of the Manufacturers Serial Number (MSN) and the flying hours of aircraft which are allocated for this Service Bulletin.

(2) Cost and Availability

H. Tooling

None.

I. Weight and Balance

Not Affected.

J. References

Aircraft Maintenance Manual (AMM), Chapter 71-00-00, Page Block 501.

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K. Publications Affected **FOR PLANNING PURPOSES**

Aircraft Maintenance Manual (AMM), Chapters 21-60-01, 21-40-00, 21-40-01, 21-40-04,
21-40-05, 21-40-08,

Illustrated Parts Catalog (IPC), Chapter 21-40-00, Figure 02