

**FOR PLANNING PURPOSES**

# SERVICE BULLETIN

SERVICE BULLETIN NO: 21-004

REF NO: 048

MODIFICATION NO: 96 0604

ATA CHAPTER: 21

## AIR CONDITIONING - FOOT HEATER INSTALLATION OF FOOT HEATER AND DUCTS FOR THE PILOT AND COPILOT

### 1. Planning Information

#### A. Effectivity:

- (1) All PC-12 aircraft up to and including MSN 180.
- (2) All PC-12 and PC-12/45 aircraft from MSN 181 up to and including MSN 400 that did not have foot heaters installed when the aircraft was built.
- (3) This Service Bulletin will be incorporated prior to delivery on aircraft MSN 181 and subsequent but only when ordered as a factory option.

**NOTE:** Operators of aircraft MSN 401 thru 999 who want to accomplish this modification should contact Pilatus Aircraft Ltd.

#### B. Concurrent Requirements

None.

#### C. Reason

Product improvement to give more heating in the flight compartment.

#### D. Description

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

- (1) Installation of the foot heater and ducts.
- (2) Installation of the electrical components.
- (3) Installation of the electrical wiring.
- (4) Functional test of the heating system.
- (5) Check standby magnetic compass swing in accordance to SB 34-006 and AMM Temp. Rev. 34-03.

Revision A changed the part number of the Foot Heater from 969.67.81.502 to 969.67.18.505.

Revision 1 changes the Effectivity and updates the Service Bulletin to the latest standard.

**E. Compliance**

Optional.

**F. Approval**

The technical content of this Service Bulletin is approved under the authority of DOA No. EASA. 21J. 357.

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**

<b>Task</b>	<b>Man-hours</b>
Preparation	4.0
Installation of Foot Heater and Ducts	3.0
Installation of Electrical Components	4.0
Running and connecting electrical wiring	1.0
Functional Test	0.5
Close up	4.0
<b>TOTAL MAN-HOURS</b>	<b>16.5</b>

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

**H. Weight and Balance**

**(1) Weight Change**

Not affected.

**(2) Moment Change**

Not affected.

**I. Electrical Load Data**

Not applicable.

**J. Software**

Not changed.

**K. References**

Aircraft Maintenance Manual (AMM), Chapters 06-20-00, 21-40-11, 25-10-01, 25-10-03, 25-21-07, 25-21-04, 25-22-04 and 34-21-00.

**L. Publications Affected**

Wiring Manual, Chapter 21-50-00.

Illustrated Parts Catalog (IPC), Chapters 21-40-00, 24-50-00 and 31-10-00.

**M. Interchangeability of Parts**

Not applicable.