

# SERVICE BULLETIN

SERVICE BULLETIN NO: 21-008

REF NO: 211

MODIFICATION NO: None

ATA CHAPTER: 21

## AIR CONDITIONING - VAPOR-CYCLE COOLING SYSTEM MODIFICATION TO THE HOUR METER WIRING ON THE COMPRESSOR/CONDENSER MODULE

### 1. Planning Information

#### A. Effectivity

All PC-12, PC-12/45 and PC-12/47 aircraft up to and including MSN 999, except for aircraft MSN 545.

All Compressor/Condenser Modules 1134400-13 (Pilatus P/N 959.90.22.102) held as spare.

**NOTE:** This Service Bulletin is only applicable to Enviro Compressor/Condenser Modules 1134400-13 with serial numbers between 578 and 814.

#### B. Concurrent Requirements

None

#### C. Reason

##### (1) Problem

Some of the hour meter indicators on the compressor/condenser module will only show the accumulated hours when the compressor/condenser module is in operation. The hour meters should show accumulated hours when aircraft power is applied and the compressor/condenser module is in operation or not.

##### (2) Cause

The electrical wires of the hour meter are not connected in the correct positions.

##### (3) Solution

(a) Do an operational test of the hour meter.

(b) If necessary, disconnect the electrical wires of the hour meter and connect them in the correct positions. The hour meter will then show the hours when aircraft power is applied and the compressor/condenser module is in operation or not.

#### D. Description

This Service Bulletin gives the data and instructions necessary to:

(1) Do an operational test of the hour meter

(2) Do a modification to disconnect the electrical wires of the hour meter and connect them in the correct positions.

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Revision 1 to this Service Bulletin changes the Effectivity.

**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**

	Total
Operational Test	0.50
Modification	0.50
Close up	0.50
<b>TOTAL MAN-HOURS</b>	<b>1.50</b>

**NOTE:** Man-hours figures do not include the time required to cure consumable materials.

**H. Weight and Balance**

Not changed.

**I. Electrical Load Data**

Not changed.

**J. Software**

Not changed.

**K. References**

Aircraft Maintenance Manual (AMM): 06-00-00, 24-00-00

**L. Publications Affected**

None.

**M. Interchangeability of Parts**

Not applicable.

**2. Material Information**

**A. Material - Price and Availability**

Not applicable.

**B. Material Necessary for Each Spare**

Not applicable.

**C. Reidentified Parts**

Not applicable.

**D. Tooling - Cost and Availability**

Not applicable.