

FOR PLANNING PURPOSES

SERVICE BULLETIN

SERVICE BULLETIN NO: 04-007

REF NO: 189

MODIFICATION NO:

ATA CHAPTER: 04

AIRWORTHINESS LIMITATIONS PC-12, PC-12/45 AND PC-12/47 AIRCRAFT - CIS CERTIFICATION

1. Planning Information

A. Effectivity

All PC-12, PC-12/45 and PC-12/47 aircraft to be registered in one of the Commonwealth of Independent States (CIS), up to and including MSN 999, except for aircraft MSN 545.

If an aircraft is delivered direct from PILATUS to a CIS state, it will contain all the Interstate Aviation Committee (IAC) defined requirements. This Service Bulletin is issued to make sure that aircraft, not delivered direct from PILATUS, comply with IAC requirements.

B. Concurrent Requirements

Service Bulletin 25-002, Installation of a Supplementary Aircraft Heating System for Extreme Cold Temperatures.

NOTE: The aircraft heating system is designed for 110VDC. If the local electrical supply is not 110VDC, adapters and/or converters will be necessary.

C. Reason

(1) Problem

To have the aircraft in compliance with the requirements of the IAC.

(2) Cause

The IAC require the following equipment to be installed before CIS certification:

- Service Bulletin 25-002, (Installation of a Supplementary Aircraft Heating System)
- A specific aircraft identification plate
- A Pilatus-factory option Co-pilots instrumentation-kit
- A metric altimeter (3.0 in. (76,2 mm) diameter) in the pilots left crossbar-panel
- An ADF, DME and a VOR
- A pilots Electronic Flight Instrument System (EFIS) (electronic attitude director indicator and electronic horizontal situation indicator)
- A Global Positioning System (GPS) with B-RNAV capability
- An Emergency Locator Transmitter (ELT) which transmits on 406MHz
- An Electronic Ground Proximity Warning System (EGPWS) with bank angle callout
- Three attitude indicators (Pilots, Co-pilots and back-up)

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- A weather radar
- An ATC transponder
- A Flight Data Recorder (FDR) (for commercial operation).

(3) Solution

- Make sure Service Bulletin 25-002 (Installation of a Supplementary Aircraft Heating System) has been accomplished.
- Install the (3.0 in. (76,2 mm) diameter) metric altimeter in the pilots left crossbar-panel.
- Replace the aircraft identification plate.
- Make sure a Co-pilots instrumentation kit is installed.
- Make sure there is an ADF, DME and a VOR installed.
- Make sure a pilots EFIS (electronic attitude director indicator and electronic horizontal situation indicator) is installed.
- Make sure a GPS (with B-RNAV capability) is installed.
- Make sure an ELT (which transmits on 406MHz) is installed.
- Make sure an EGPWS (with bank angle callout) is installed.
- Make sure there are three attitude indicators (Pilots, Co-pilots and back-up) installed.
- Make sure a weather radar is installed.
- Make sure an ATC transponder is installed.
- Make sure a FDR is installed (if necessary).

D. Description

This Service Bulletin gives the instructions and data necessary to make the changes for CIS certification.

Revision 1 to this Service Bulletin incorporates the PC-12/47 aircraft for possible registration in a CIS state.

Revision 2 to this Service Bulletin adds the requirement to make sure an FDR is installed (for commercial operation only) It also updates the Service Bulletin to the latest standard.

Revision 3 to this Service Bulletin changes the Effectivity and updates the Service Bulletin to the latest standard.

E. Compliance

Mandatory for all aircraft to be registered in the one of the Commonwealth of Independent States.

F. Approval

The technical content of this document 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

Task	Man-hours
Preparation	0.30
Do a Check of the aircraft for compliance	1.00
Replace the aircraft identification plate	0.30
Install the metric altimeter	0.30
Close-Up	0.30
 TOTAL MAN-HOURS	 3.00
 SB No: 25-002	 12.0

NOTE: Man-hours figures do not include the time necessary for sealants and adhesives to become dry.

H. Weight and Balance

(1) Weight Change

Not affected.

(2) Moment Change

Not affected.

I. Electrical Load Data

Not affected.

J. Software

Not changed.

K. References

Aircraft Maintenance Manual (AMM), 11-20-00, and 34-14-11.

L. Publications Affected

AMM, 11-20-00 and 34-14-11.

Illustrated Parts Catalog, 11-20-00 and 31-12-01.

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:

PILATUS AIRCRAFT LTD.,
CUSTOMER SUPPORT MANAGER,
CH-6371 STANS,
SWITZERLAND

General Aviation:
Tel: + 41 41 619 6208
Fax: + 41 41 619 7311
eMail: SupportPC12@pilatus-aircraft.com

PILATUS BUSINESS AIRCRAFT LTD.,
PRODUCT SUPPORT DEPARTMENT
11755 AIRPORT WAY
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PILATUS AUSTRALIA (PTY.) LTD,
17 JAMES SCHOFIELD DRIVE,
ADELAIDE AIRPORT SA 5950,
AUSTRALIA

Tel: (08) 8234 4433
Fax: (08) 8234 4499
Free Call: 1800 445 007
eMail: info@pilatus.com.au

Operators are requested to advise Pilatus Aircraft Ltd, of the Manufacturer's Serial Number (MSN) and the flying hours of aircraft which are affected by this Service Bulletin.

Because of differences in aircraft configuration it is not possible to specify the contents of a general modification kit. Operators must apply to PILATUS for modification kits specific to their aircraft.