

Service Bulletin No: 04-003

Ref No: 209

Modification No: EC-13-0404, EC-13-0605

ATA Chapter: 04

**AIRWORTHINESS LIMITATIONS - GENERAL  
IAC AR CERTIFICATION OF PC-6 / B2-H4 AIRCRAFT****1. Planning Information****A. Effectivity**

PC-6 / B2-H4 aircraft MSN 825 thru 1999 to be registered in one of the Commonwealth of Independent States (CIS).

If an aircraft is delivered direct from PILATUS to a country which is a member of the CIS, it will have all the Interstate Aviation Committee (IAC) Aviation Register (AR) defined requirements. This Service Bulletin is issued to make sure that aircraft, not delivered direct from PILATUS, comply with IAC AR requirements.

**B. Concurrent Requirements**

- Garmin G950 Avionics (Ref. EASA STC 10028707)
- Beringer Brakes (Ref. EASA STC 10029629)
- Hartzell 4-blade propeller with propeller de-ice system (Ref. FAA STC SA377CH)
- Cobham-S-TEC Autopilot (Ref. FAA STC SA09130AC-D)
- Aircraft MSN 825 thru 995 must be Post SB 55-003
- Stowage for a portable Emergency Locator Transmitter (ELT) installed in accordance with Pilatus Drawing 119.47.06.611
- Fire extinguisher (P/N 959.08.06.220) installed in the cockpit in accordance with Pilatus Drawing 119.60.06.033 as well as in the cabin in accordance with Pilatus Drawing 119.60.06.034
- Cabin placards in dual language (English/Russian) in accordance with Pilatus Drawing 110.71.06.849
- If required by the operator because of environmental conditions, a Kuerzi Cold Weather Kit can be installed (Ref. EASA STC 10035249)
- For flights above 3000 meters, crew and passenger oxygen systems are to be installed in accordance with Pilatus Drawings 119.55.06.320 and 119.55.06.321
- For passenger transportation, six of the following seats with torso restraint system can be installed in the cabin:
  - Passenger Seat LH - P/N 112.50.06.839 (Leather) or 112.50.06.915 (Fabric)
  - Passenger Seat RH - P/N 112.50.06.840 (Leather) or 112.50.06.916 (Fabric).
- For cargo transportation the following equipment may be used to secure the cargo:
  - Tie-down Fittings P/N 119.78.06.083
  - Retainer Bars (Short) P/N 119.78.06.086
  - Retainer Bars (Long) P/N 119.78.06.087
  - Tie-down Straps with a minimum breaking strength of 817 kg per strap.

**C. Reason****(1) Problem**

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

**(2) Solution**

Check the aircraft, and install equipment and placards in accordance with the requirements of the IAC AR.

**D. Description**

This Service Bulletin gives the instructions and data necessary to make sure the aircraft complies with the IAC AR certification standard.

Revision 1 is issued to update the requirements for installation of the fire extinguishers.

**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 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.

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**H. Manpower**

<b>Task</b>	<b>Man-hours</b>
Preparation	1.0
Check the aircraft for compliance	3.0
Modification	1.0
Close-Up	1.0
<b>TOTAL MAN-HOURS</b>	<b>6.0</b>

**I. Weight and Balance**

The change to Weight and Balance is dependent on the equipment installed during accomplishment of this Service Bulletin. After accomplishment the aircraft must be weighed (Ref. AMM 08-10-00, Page Block 201) and the AFM updated.

**J. Electrical Load Data**

Not changed.

**K. Software**

Not changed.

**L. References**

EASA STCs: 10028707, 10029629, 10035249.

FAA STCs: SA377CH, SA09130AC-D.

Pilatus PC-6 Service Bulletin (SB): 55-003.

Pilatus Drawings: 110.71.06.849, 119.47.06.611, 119.55.06.320, 119.55.06.321, 119.60.06.033, 119.60.06.034.

Aircraft Maintenance Manual (AMM): 08-10-00.

**M. Publications Affected**

AMM: 04-00-00, 11-30-00.

Illustrated Parts Catalog (IPC): 11-30-01.

Airplane Flight Manual (AFM): 1820/IAC AR.

**N. Interchangeability of Parts**

Not Applicable.

**2. Material Information****A. Material - Price and Availability**

Modification Kit No.100.20.06.010 is necessary to do this Service Bulletin.

Operators who require further information on price and availability should contact their Customer Liaison Manager at Pilatus Aircraft Ltd., 6371 Stans, Switzerland.

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.

Because of differences in aircraft configuration it is not possible to specify the contents of a general modification kit. Additional material may be required dependent on the result of the check for compliance. Operators must apply to PILATUS for modification kits specific to their aircraft.