

Service Bulletin No: 04-002

Ref No: 202

Modification No: EC-11-0097

ATA Chapter: 04

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

PC-6 / B2-H4 aircraft which are required to comply with the National Agency of Civil Aviation (ANAC) of Brazil certification standard.

If an aircraft is delivered direct from PILATUS to Brazil it will comply with the ANAC defined requirements. This Service Bulletin is issued to make sure that aircraft not delivered directly from PILATUS comply with ANAC requirements.

**B. Concurrent Requirements**

- The aircraft must be MSN 825 or higher
- The aircraft battery must be a lead-acid type
- The Emergency Locator Transmitter (ELT) must be of the 406 MHz series
- For passenger transportation the following seats can be installed in the cabin:
  - Passenger Seat LH - P/N 112.50.06.839 or 112.50.06.915
  - Passenger Seat RH - P/N 112.50.06.840 or 112.50.06.916
- For cargo transportation the following equipment can 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
- For aircraft MSNs 825 thru 978 the following modifications are also required:
  - Cowling Forward Lower Assy Modification i.a.w. Pilatus Drawing: 6504.0157.00 Rev.P (or later)
  - Frame 1 Fire Protection Modification i.a.w. Pilatus Drawings: 112.35.06.944 Rev.G (or later), 112.35.06.945 Rev.C(or later), 115.75.06.338 Rev.K (or later) 119.47.06.145 Rev.C (or later), 119.47.06.143 Rev.C (or later), 6201.1067.00 Rev.P (or later)
  - Fire Resistant Interior Materials Modification i.a.w. Pilatus Drawings: 112.50.06.834, 112.50.06.694, 112.50.06.835, 112.50.06.695
  - Aircraft MSNs 917 thru 929 and 931 must be Post SB 177

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

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

**(2) Solution**

Check the aircraft, and install placards in accordance with the requirements of the ANAC.

**D. Description**

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

**E. Compliance**

Mandatory for all aircraft which are required to be in compliance with the ANAC certification standard.

**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	3.5
Install the placards	4.5
Close-Up	1.5
<b>TOTAL MAN-HOURS</b>	<b>10.5</b>

**NOTE:** Man-hours figures do not include the time required to cure sealants, paints and adhesives.

**I. Weight and Balance****(1) Weight Change**

Not changed.

**(2) Moment Change**

Not changed.

**J. Electrical Load Data**

Not changed.

**K. Software**

Not changed.

**L. References**

Not Applicable.

**M. Publications Affected**

Aircraft Maintenance Manual (AMM): 11-20-00, 11-30-00.

Illustrated Parts Catalog (IPC): 11-20-01, 11-30-01.

**N. Interchangeability of Parts**

Not Applicable.

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

Operators should send orders for Service Bulletin modification kits to:

PILATUS AIRCRAFT LTD,  
CUSTOMER LIAISON MANAGER,  
CH 6371 STANS, Tel: +41 41 619 65 80  
SWITZERLAND Fax: +41 41 619 6576

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.

Modification Kit Number	Price	Availability
100.20.06.008	Contact address above	Contact address above

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.

**B. Material Necessary for Each Aircraft****(1) Material to be Procured**

Modification Kit No. 100.20.06.008 has these parts:

NEW PART NO.	DESCRIPTION	OLD PART NO.	QTY	FIG	ITEM
110.71.06.715	INTERNAL MARKINGS BRAZIL	-	1	-	-
110.75.06.050	EXTERNAL MARKINGS BRAZIL	-	1	-	-
110.71.06.480	IDENTIFICATION, ACCESS COVERS	-	1	-	-

**NOTE:** Further material may be required dependent on the result of the check for compliance.

**C. Material Necessary for Each Spare**

Not applicable.

**D. Reidentified Parts**

Not applicable.

**E. Tooling - Cost and Availability**

Not applicable.

**3. Accomplishment Instructions****A. Preparation**

- (1) Prepare the aircraft for servicing.
- (2) Put the aircraft into a hangar.
- (3) Check the aircraft for compliance with the ANAC requirements (Ref. Para 1.B.).

**NOTE:** If you are not sure that the aircraft complies, contact Pilatus Aircraft Ltd.

- (4) Check that all applicable Airworthiness Directives have been incorporated on the aircraft.

**B. Modification**

- (1) Install the placards in accordance with the ANAC requirements:

**NOTE:** The applicable drawings are included in Modification Kit No. 100.20.06.008.

- (a) Install the interior placards in accordance with Drawing No. 110.71.06.715.
- (b) Install the exterior placards in accordance with Drawing No. 110.75.06.050.
- (c) Install the access cover identifications in accordance with Drawing No. 110.71.06.480.

**C. Close up**

Remove all tools and materials. Make sure the work areas are clean.

**D. Documentation**

- (1) Make an entry in the Aircraft Logbook that this Service Bulletin has been incorporated.
- (2) Use the Service Bulletin Evaluation Sheet and report your results and the serial number of the aircraft to PILATUS

This document is now applicable:

- AFM No. 1820/BRA (Brazilian Aircraft Flight Manual).

SERVICE BULLETIN EVALUATION SHEET FOR SB No. 04-002			
Title	Airworthiness Limitations - General Brazil Certification of PC-6 / B2-H4 Aircraft		
Customer			
Service Center			
EMBODIMENT REPORTING			
This SB has been embodied:		<input type="checkbox"/>	On the entire fleet
		<input type="checkbox"/>	Only partially
Provide embodiment details per aircraft (use additional copies of this table, if necessary)			
MSN	Flying Hours	MSN	Flying Hours
<b>Additional embodiment comments/findings</b>			
EDITORIAL COMMENTS (procedure, kit quality, suggested improvements, etc.)			
Name	Signature	Date	
Please complete and forward this form to: Pilatus Aircraft LTD, Customer Technical Support (MCC), P.O. BOX 992, 6371 Stans, Switzerland Fax: +41 (0)41 619 6773 Email: Techsupport@pilatus-aircraft.com			