

Service Bulletin No: 04-011

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ATA Chapter: 04

FOR THE INTERSTATE AVIATION COMMITTEE AVIATION REGISTER (IAC AR) CERTIFIED PC-12/47E AIRPLANES**1. Planning Information****A. Effectivity**

PC-12/47E aircraft MSN 545 and MSN 1001 and subsequent which are required to comply with the IAC AR certified airplanes.

If an aircraft is delivered direct from PILATUS it will be of the IAC AR approved Type Design.

This Service Bulletin contains the list of requirements and procedures to be conducted on PC-12/47E aircraft to conform to IAC AR Type Design MI-12-000227.

B. Concurrent Requirements

None.

C. Reason**(1) Problem**

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

(2) Cause

The IAC AR require the following equipment to be installed for IAC AR certified PC-12/47E airplanes:

- A specific aircraft identification plate
- A Co-pilot's PFD
- An ADF
- A TAWS Class A (EGPWS MK VI) and TCAS I (KTA 970) with bank angle callout
- A Single Mode S Transponder (diversity)
- Placards in accordance with the language requirements of the state of registration
- A Cockpit Voice Recorder (CVR)
- A Flight Data Recorder (FDR) (for commercial operations only)

(3) Solution

- (a) Replace the aircraft identification plate.
- (b) Make sure a Co-pilots PFD is installed.
- (c) Make sure there is an ADF installed as part of the Primus APEX.

- (d) Make sure a TAWS Class A (EGPWS MK VI) and TCAS I (KTA 970) (with bank angle callout) is installed.
- (e) Make sure a Single Mode S Transponder (diversity) is installed.
- (f) Install placards in accordance with the language requirements of the state of registration.
- (g) Make sure a CVR is installed.
- (h) Make sure a FDR is installed if commercially operated.
- (i) Make sure a portable VHF emergency radio (Operator supplied) is installed in the stowage box behind the Pilots seat (LH) with the related placard also installed.

D. Description

This Service Bulletin gives the instructions and data necessary to conform to IAC AR Type Design MI-12-000227.

Revision 1 to this Service Bulletin updates the optional equipment list, part numbers and effectivity. No further work is required if operators have accomplished this Service Bulletin at an earlier issue.

E. Compliance

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

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

Task	Man-hours
Preparation	0.30
Do a Check of the aircraft for compliance	1.00
Replace the aircraft identification plate	0.30
Close-Up	0.30
TOTAL MAN-HOURS	2.30

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

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

Not affected.

(2) Moment Change

Not affected.

J. Electrical Load Data

Affected, dependant on installations.

K. Software

Pilatus ensures configuration control.

L. References

None.

M. Publications Affected

Illustrated Parts Catalog (IPC), 11-20-00.

N. Interchangeability of Parts

Not applicable.

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

Operators that require additional information and/or Service Bulletin materiel, should contact their Authorized Pilatus Service Center, or to:

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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.

B. Material Necessary for Each Aircraft

Part Numbers given in this Service Bulletin are correct at the time of approval. Pilatus Aircraft Ltd. reserves the right to change the part numbers as necessary. Part numbers of items delivered with the Modification Kit are correct when the kit is dispatched. This could lead to differences between those part numbers quoted in this Service Bulletin and the Modification Kit if parts are superseded. Operators are requested to check the IPC for delivered parts which differ from those listed in the Service Bulletin Materials Kit List.