

FOR PLANNING PURPOSES

SERVICE BULLETIN

SERVICE BULLETIN NO: 04-002

REF NO: 027

MODIFICATION NO: 97 0099

ATA CHAPTER: 04

CANADIAN REGISTRATION OF PC-12, PC-12/45 AND PC-12/47 AIRCRAFT

1. Planning Information

A. Effectivity

All PC-12, PC-12/45 or PC-12/47 aircraft to be registered in Canada.

B. Concurrent Requirements

None

C. Reason

To have the aircraft in compliance with Transport Canada requirements.

Due to the fact that the PC-12, the PC-12/45 and the PC-12/47 aircraft are built to different equipment configurations, operators contemplating Canadian Registration must review this Service Bulletin to ascertain what is fitted to their aircraft and what would need to be modified in order to obtain Canadian Registration.

Revision 1 of this Service Bulletin incorporates minor changes which explain in more detail the actual situations necessary to comply with the Canadian Registration.

Revision 2 of this Service Bulletin changes the modification kit (P/N.: 500.50.12.120). P/N. 972.81.32.004 (CAWS CACU91-3) is deleted and P/N. 972.81.32.006 (CAWS CACU97-2) is inserted.

Revision No. 3 of this Service Bulletin includes the installation of a placard, adjacent to the ELT remote control switch, that states "FOR AVIATION EMERGENCY USE ONLY. UNAUTHORIZED OPERATION PROHIBITED".

Revision No. 4 of this Service Bulletin incorporates the PC-12/47 model, adds the effectivity of the related Service Bulletins, adds a note related to the P/N of the CACU, adds a note related to the FCU configuration, adds information related to the kit necessary to incorporate this Service Bulletin and adds the additional reference to the latest AFM (Report No. 02211).

PILATUS
PC12
SERVICE BULLETIN

D. Description

FOR PLANNING PURPOSES

Accomplishment of this Service Bulletin consists of completing the following tasks:

- (1) Install new luminescent placards around the cabin door (Ref. Fig. 1).
- (2) Install new luminescent placards around the emergency exit (Ref. Fig. 2).
- (3) Install new luminescent placards on the LH bulkhead to crew compartment (Ref. Fig. 3).
- (4) For aircraft with IAI Pilot and Co-pilots seats installed:

Install a new cover, front and rear of Pilot and Copilots seat, denying access as stowage area (Ref. Fig. 4).
- (5) For MSNs 101 thru 230:

Install new access doors/panels.
- (6) Install a New Cooling Air Outlet to Starter/Generator and Engine Cowling (Ref. Fig. 5).
- (7) Install a modified cabin differential pressure indicator.
- (8) For MSNs 101 thru 180:

Modify the wiring for the Warning Tone (ASI) system (Ref. Fig. 6).
- (9) For MSNs 101 thru 320 and 322 thru 400:

Install the CAWS Control Unit (CACU97-2), if required.

NOTE: If a CAWS Control Unit (CACU97-1) is installed, the requirement of this Service Bulletin is satisfied.
- (10) For MSNs 101 and 103 thru 160:

Make sure that PC-12 Service Bulletin No: 28-002 (Installation of a New Fuel Emergency Shut-off Lever) has been incorporated.
- (11) Make sure that PC-12 Service Bulletin No: 25-002 (Installation of a Supplementary Aircraft Heating System) has been incorporated.
- (12) For MSNs 101 thru 171:

Make sure that PC-12 Service Bulletin No: 72-002 (Change the Fuel Control Unit and Set the Engine Parameters) has been incorporated.

NOTE: Operators should contact Pratt & Whitney (Canada) (P&WC) for the latest applicable FCU configuration.
- (13) Make sure that the correct oil quantity placard is installed.
- (14) Check the identification numbers of the seats and their locations - of all aircraft up to and including the aircraft MSN 171, that are fitted with a 6-seat executive cabin layout.
- (15) Install the ELT Usage placard.

PILATUS
PC12
SERVICE BULLETIN

E. Compliance

FOR PLANNING PURPOSES

Mandatory for aircraft to be registered in Canada.

NOTE: Depending on the kind of operation (i.e. Air Taxi), additional items may be required by Transport Canada. The Operator must ensure compliance.

F. Approval

The technical content of this document is approved under the authority of FOCA DOA No. FOCA. 21J. 002.

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	0.5
Installation of new placards on passenger door, emergency exit and LH Pilot bulkhead	2.0
Installation of new access doors	3.0 (plus painting and drying time)
Installation of crew seat placards	1.0
Installation of new Starter/Generator ducting	3.0 (plus curing time approx. 24 hrs)
Install modified cabin pressure gage	1.0
Modify warning-one wiring	2.0
Install new CAWS control unit	1.0 (if required)
Close-Up	1.5
TOTAL MAN-HOURS	15.0
Do PC-12 SB No: 28-002	2.0
Do PC-12 SB No: 25-002	5.5 (plus curing time approx. 24 hrs)
Do PC-12 SB No: 72-002	10.0

NOTE: Man-hours figures are calculated for units installed in the aircraft and represent the total time estimated for the task.

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

≡PILATUS≡
PCI2
SERVICE BULLETIN

H. Weight and Balance

FOR PLANNING PURPOSES

This could vary dependent on the final modifications actually fitted, therefore the aircraft must be weighed on completion of the Service Bulletin and the AFM amended.

I. Electrical Load Data

Not changed.

J. Software

Not changed.

K. References

Aircraft Maintenance Manual (AMM), Chapters 06-20-00, 08-10-00, 11-00-00, 11-30-00

Airplane Flight Manual (AFM), Sections 6

L. Publications Affected

Illustrated Parts Catalog (IPC), Chapter 25-20-00.

Airplane Flight Manual (AFM), Sections 6 and 9 (Supplement No: 11 introduced).

M. Interchangeability of Parts

Not affected.