

SERVICE BULLETIN

SERVICE BULLETIN NO: 31-005

REF NO: 165

MODIFICATION NO:

ATA CHAPTER: 31

INDICATING/RECORDING SYSTEMS - CENTRAL WARNING SYSTEM REPLACEMENT OF CENTRAL-ADVISORY COMPUTER UNITS CACU91 SERIES WITH CACU97-2

1. Planning Information

A. Effectivity

All PC-12 and PC-12/45 aircraft from MSN 101 thru MSN 230 with Central-Advisory Computer Unit (CACU) Part Number: 972.81.32.001, 972.81.32.002, 972.81.32.003 and 972.81.32.004 (CACU91 Series) installed.

All CACU Part Number 972.81.32.001, 972.81.32.002, 972.81.32.003 and 972.81.32.004 (CACU91 Series) held as spare.

If a CACU Part Number 972.81.32.005 is installed, replacement of the CACU is not necessary.

B. Concurrent Requirements

None.

C. Reason

(1) Problem

With a CACU 91 Series installed, the CHIP Caution function operates on the ground but does not operate with weight-off-wheels.

(2) Solution

Install CACU 972.81.32.006 (CACU97-2). The CHIP Caution function operates on the ground and with weight-off-wheels with this CACU installed.

D. Description

This Service Bulletin gives the instructions to replace the CACU Part Number 972.81.32.001, 972.81.32.002, 972.81.32.003 and 972.81.32.004 (CACU91 Series) with CACU Part Number 972.81.32.006 (CACU97-2).

This Service Bulletin also gives the instructions to send CACU (91 Series) held as spare or in store to PILATUS for modification.

E. Compliance

Mandatory.

At the next 100 hour Inspection, but no later than 12 calendar months after the effective date of this Service Bulletin.

F. Approval

The technical aspects of this Service Bulletin have been approved by the Federal Office for Civil Aviation (FOCA) of Switzerland.

PILATUS advises Operators/Owners to check with their local Airworthiness Authorities for any changes, local regulations or sanctions that can affect the embodiment of this Service Bulletin.

G. Manpower.

	Total
CACU Replacement and Test	1
TOTAL MAN-HOURS	1

H. Weight and Balance

(1) Weight Change

Not affected.

(2) Moment Change

Not affected.

I. Electrical Load Data

Not changed.

J. Software

Not changed.

K. References

Aircraft Maintenance Manual (AMM), 31-50-01.

L. Publications Affected

Illustrated Parts Catalog, 31-50-00.

M. Interchangeability of Parts

Pre and Post SB 31-005 CAWS Control Units are not interchangeable.

2. Material Information

A. Material - Price and Availability

Operators should send orders for a CACU, to their Authorized Pilatus Service Center, or to:

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

General Aviation:
Tel : + 41 41 619 6319
Fax: + 41 41 619 6224
eMail: asommer@pilatus-aircraft.com

Government:
Tel : + 41 41 619 6509
Fax. + 41 41 619 6224
eMail: rpaterson@pilatus-aircraft.com

PILATUS BUSINESS AIRCRAFT LTD.,
PRODUCT SUPPORT DEPARTMENT
11755 AIRPORT WAY
BROOMFIELD, CO 80021.
UNITED STATES OF AMERICA

Tel : 303 465 9099
Fax: 303 465 6040
eMail: Productsupport@PilBal.com

PILATUS AUSTRALIA (Pty.) LTD.,
PO BOX 732
MARLESTON SA 5033
AUSTRALIA

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

NOTE: 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.