

SERVICE BULLETIN

SERVICE BULLETIN NO: 31-004

REF NO: 164

MODIFICATION NO: 02-0152

ATA CHAPTER: 31

INDICATING/RECORDING SYSTEMS CENTRAL WARNING SYSTEMS - MODIFICATION TO THE CENTRAL ADVISORY AND WARNING CONTROL SYSTEM

1. Planning Information

A. Effectivity

PC-12 and PC-12/45 aircraft, MSN 321 and MSN 401 thru MSN 520.

B. Concurrent Requirements

None.

C. Reason

(1) Problem

Unwanted Warnings and Cautions can increase the pilot's work.

(2) Solution

Introduction of a wiring modification to change hydraulic pump Cautions and change some callouts to warntones. Also a new time-delay relay stops the CAWS audio warnings until 60 seconds after 50% Ng on engine start.

D. Description

This Service Bulletin gives the data and instructions necessary to modify the CAWS system.

Revision A changes the Part Number of a terminal lug, moves a result in the Test and changes a placard in Figure 3.

E. Compliance

Mandatory.

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

NOTE: PILATUS advises all Operators/Customers that after 31st December 2003, for logistics reasons, Post Service Bulletin 31-004 information only will be given in the related PILATUS Technical Documentation. From that date on, it will be the responsibility of the Owner/Operator to make sure that the information contained in their documentation is at the same modification standard as their aircraft. PILATUS supports the embodiment of this Service Bulletin by granting Warranty for all affected aircraft (See Warranty Statement in Section 2.D)

F. Approval

The technical aspects of this Service Bulletin are 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
Preparation	1
Mechanical Changes	1
Electrical Changes	25
Test	3
Close up	3
TOTAL MAN-HOURS	33

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

NOTE: Man-hours figures given are applicable only if the Service Bulletin is carried out at the same time as the Annual Inspection.

H. Weight and Balance Weight Change

Not affected.

(1) Moment Change

Not affected.

I. Electrical Load Data

Not affected.

J. Software

Not changed.

K. References

Aircraft Maintenance Manual (AMM), 06-20-00, 07-10-00, 24-00-00, 24-30-07, 25-10-01, 25-10-03, 25-21-01 or 25-22-01, 25-21-04 or 25-22-04, 25-21-05, 25-21-07, 27-50-05, 31-50-01, 32-30-00, 33-10-04, 34-16-00, 71-00-00 and 77-40-02.

L. Publications Affected

Pilots Operating Handbook

Illustrated Parts Catalog (IPC), 24-50.

AMM, 31-50-00

M. Interchangeability of Parts

Not interchangeable.

2. Material Information

A. Material - Price and Availability

Operators should send orders for Service Bulletin modification kits, to their Authorized Pilatus Service Center, or to:

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