



PILATUS AIRCRAFT LTD. CH-6371 STANS, SWITZERLAND

FOR PLANNING PURPOSES

SERVICE BULLETIN

SERVICE BULLETIN NO: 27-014

REF NO: 137

MODIFICATION NO:

ATA CHAPTER: 27

FLIGHT CONTROLS - FLAPS INTRODUCTION OF NEW FLAP-MOTOR RELAY

1. Planning Information

A. Effectivity

All PC-12 and PC-12/45 aircraft from MSN 101 thru MSN 400.

B. Concurrent Requirements

All aircraft must be Pre-Service Bulletin 27-013 and Post Service Bulletin 27-008 and 27-011.

C. Reason

(1) Problem

It has occurred that flap motor contactors were not available at the Field Service Centers.

(2) Cause

The flap motor contactor can have a long supply time.

(3) Solution

Supply an alternative flap-motor contactor, which carries out the same function.

D. Description

This Service Bulletin gives the data and instructions to change the wiring and remove and install components as necessary.

E. Compliance

Optional.

F. Approval

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

NOTE: 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	1.5
Changes to Flap Power System	5.5
Close up	1.5
TOTAL MAN-HOURS	8.5

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

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), 06-20-00, 24-00-00, 24-30-07, 25-21-01 or 25-22-01, 25-21-04 or 25-22-04, 25-21-05 and 27-50-00.

Structural Repair Manual (SRM), 51-40-03.

L. Publications Affected

Illustrated Parts Catalog (IPC), 24-50-00.

M. Interchangeability of Parts

Pre and Post SB 27-014 contactors are 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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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.