

FOR PLANNING PURPOSES

SERVICE BULLETIN

SERVICE BULLETIN NO: 57-005

REF NO: 149

MODIFICATION NO:

ATA CHAPTER: 57

WINGS - TRAILING EDGE INBOARD-FLAP SUPPORT-ARM ATTACHMENT-BRACKETS - REPLACEMENT BOLTS

1. Planning Information

A. Effectivity

All PC-12 and PC-12/45 aircraft from MSN 101 thru MSN 430.

All left and right wings held as spare.

B. Concurrent Requirements

None.

C. Reason

(1) Problem

It has occurred that the bolts, which attach the inboard flap-support arm to the rear spar have been found to be loose. One of the bolts (P/N: 932.19.60.833) that attaches the inboard flap-support arm to the rear spar subsequently broke when it was torque loaded.

(2) Cause

The installed bolt P/N: 932.19.60.833 with a cotter pin hole through the thread is incorrect. It is possible that this could cause the bolt to be weak.

(3) Solution

Replace the bolt P/N: 932.19.60.833 with a bolt P/N: 932.35.14.026 which does not have a cotter pin hole. As the new bolt is to a different tolerance, it is also necessary to replace the other attachment bolt P/N: 932.19.60.817 with bolt P/N: 932.35.14.128.

D. Description

This Service Bulletin gives the data and instructions to replace the bolts which attach the left and right inboard flap-support arms to the rear spars.

E. Compliance

Recommended.

PILATUS recommend that this Service Bulletin be embodied at the next 100 Hour Servicing if not already done.

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	0.5
Bolt Replacement	1.0
Close up	1.5
TOTAL MAN-HOURS	3.0

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 and 24-00-00.

L. Publications Affected

Illustrated Parts Catalog (IPC), 57-20-00.

M. Interchangeability of Parts

Pre and Post SB 57-005 bolts are not interchangeable as single units. It is not permitted to install one pre and one post SB 57-005 bolt in a flap-support arm.

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:

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