

FOR PLANNING PURPOSES

SERVICE BULLETIN

SERVICE BULLETIN NO: 55-001

REF NO: 015

MODIFICATION NO:

ATA CHAPTER: 55

ELEVATOR - INSPECTION AND REPAIR

1. Planning Information

A. Effectivity

This Service Bulletin is effective to PC-12 aircraft with the Manufacturer Serial Numbers (MSN) 101, 105 - 107, 109 - 112, 114-115, 117 - 120, 122 - 125, 129, 131 - 140, 142 and 146.

B. Reason

During aircraft assembly, non-conformance's of the elevator have been detected. The short term structural integrity of the elevator is not affected. But, to prevent damage due to possible fretting of the rivets, and possible fatigue problems, an inspection and, where necessary, a repair must be carried out.

C. Description

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

- (1) Examine the elevator in the three critical areas shown in figure 1, 2 and 3 and look for:
 - rivets too long or too short
 - a maximum gap at the rivet shank of 0.004 in. (0.1 mm)
 - no joint between rib to skin
- (2) Repair non-conformance's in these areas with methods described.

D. Compliance

Mandatory.

The inspection/repair must be done within 1 year or 200 flight hours - whichever comes first.

E. Approval

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

NOTE: 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.

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F. Manpower

Task	Man-hours
Inspection	3
Repair (Ref. Para 2.C.(1), (2) and (3)(a))	3
Repair (Ref. Para 2.C.(3)(b))	6
TOTAL MAN-HOURS	12

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

G. Material - Cost and Availability

(1) Material

Operators should contact your Authorized PILATUS PC-12 Service Center or contact:

PILATUS AIRCRAFT LTD,
CUSTOMER LIAISON MANAGER
CH 6370 STANS,
SWITZERLAND.

Tel No: +41 41-6196 233
Fax No: +41 41-6103 351

for any further information concerning this Service Bulletin

NOTE: Operators are requested to advise Pilatus Aircraft Ltd. of the Manufacturers Serial Number (MSN) and the flying hours of the aircraft which are allocated for this Service Bulletin.

(2) Cost and Availability

H. Tooling

Endoscope TFS 6-300 Fiber-optic or equivalent (flexible probe diameter 6 mm, length 3 m, up 150°, down 90°)(local supply).

Light source FOT 150 Fiber-optic or equivalent (local supply).

Standard repair and riveting tools (local supply).

I. Weight and Balance

Not Affected.

J. References

Aircraft Maintenance Manual (AMM), Chapter 55-20-01.

Structure Repair Manual (SRM), Chapter 55-20-00.

K. Publications Affected

None.