

FOR PLANNING PURPOSES

SERVICE BULLETIN

SERVICE BULLETIN NO: PC-12 32-001

REF NO: 01

MODIFICATION NO:

ATA CHAPTER: 32

NOSE LANDING GEAR - CRACK INSPECTION OF THE FORGED MAIN FITTING

1. Planning Information

A. Effectivity

All PC-12 aircraft fitted with nose landing gear (P/N: 532.20.12.036).

B. Reason

Cracks have been found in the forged main fitting of the nose landing gear (Ref. Fig. 1) during an annual aircraft inspection.

C. Description

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

- (1) Inspect the front and rear faces of the forged main fitting (Ref. Fig. 1) for cracks in the paint finish. This will indicate the possibility of cracking in the forged main fitting.
- (2) Should any blemish be found, the paint must be removed from around the area and the area checked; using a dye-penetrant crack-detection kit (e.g. MIL-STD-6866).
- (3) Where no cracks or blemishes are apparent, the nose landing gear must be inspected, every 50 landings, as described in step (1).
- (4) Where positive evidence of cracking is found, the nose landing gear must be replaced.

D. Compliance

Mandatory.

E. Approval

The technical aspects of this Service Bulletin have been 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 may effect the embodiment of this Service Bulletin.

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F. Manpower

Task	Man-hours	
Preparation	0.5	Ref. Para. 2.A.
Crack Detection	1.5	Ref. Para. 2.B
TOTAL MAN-HOURS	2.0	

G. Material - Cost and Availability

(1) Material

Operators are requested to inform Pilatus Aircraft Ltd of any action taken, with respect to this Service Bulletin, stating the MSN, flying hours and landings of the aircraft concerned, at the following address:

PILATUS AIRCRAFT LTD,
PC-12 PRODUCT SUPPORT DEPARTMENT (GC),
CH-6370 STANS,
SWITZERLAND.

Tel No: + 41 41 636 635
Fax No: + 41 41 636 224

(2) Cost

Free of Charge at an approved PILATUS SERVICE CENTER.

(3) Availability

Available on an aircraft-on-ground (AOG) basis.

H. Tooling

None

I. Weight and Balance

Not Affected.

J. References

Aircraft Maintenance Manual, Chapter 32-20-01.

K. Publications Affected

None.