

SERVICE BULLETIN

SERVICE BULLETIN NO: 32-008

REF NO: 101

MODIFICATION NO: 990126

ATA CHAPTER: 32

LANDING GEAR - NOSE LANDING GEAR MODIFICATION TO SEALS AND BARREL NUT

1. Planning Information

A. Effectivity

- (1) All PC-12 and PC-12/45 aircraft from MSN 101 up to and including MSN 269.
- (2) This Service Bulletin will be incorporated, prior to delivery on aircraft MSN 270 and subsequent.

B. Concurrent Requirements

None.

C. Reason

(1) Problem

The barrel nut of the Nose Landing Gear (NLG) cannot be tightened correctly which can cause internal damage to the NLG seals.

(2) Cause

The barrel nut has a lock plate with set barrel nut positions which do not allow the barrel nut to be fully tightened.

(3) Solution

The NLG lockplate is removed and discarded. Then the barrel nut is tightened to a set torque value and secured with two lock-wires.

D. Description

This Service Bulletin introduces a new procedure to secure the NLG barrel nut.

E. Compliance

Recommended.

F. 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 affect the embodiment of this Service Bulletin.

G. Manpower

	Total
Preparation	0.5
Modification of the NLG	1.0
Close up	0.5
TOTAL MAN-HOURS	2.0

NOTE: Man-hours figures do not include the time required to repair the NLG if necessary.

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) Chapters 07-10-00, 29-00-00, 32-20-00 and 32-30-00.

Illustrated Parts Catalog (IPC) Chapter 32-20-00.

L. Publications Affected

AMM - Chapter 32-20-00.

IPC - Chapter 32-20-00.

M. Interchangeability of Parts

Not applicable.

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,
SWITZERLAND.

or PILATUS BUSINESS AIRCRAFT LTD.,
PRODUCT SUPPORT DEPARTMENT,
11755 AIRPORT WAY,
BROOMFIELD, CO 80021.
USA

Tel : + 41 41 619 6319 (General aviation)

Tel : + 41 41 619 6509 (Government)

Fax: + 41 41 619 6224

Tel : 303 465 9099

Fax: 303 465 6040

NOTE: Operators are requested to advise Pilatus Aircraft Ltd, using the Service Bulletin Evaluation Sheet, of the Manufacturer's Serial Number (MSN) and the flying hours of aircraft which are allocated for this Service Bulletin.