

SERVICE BULLETIN

SERVICE BULLETIN NO: 22-003

REF NO: 067

MODIFICATION NO:

ATA CHAPTER: 22

ADJUSTMENT OF OUTPUT TORQUE OF STICK PUSHER ACTUATOR AND CAPSTAN CLUTCH

1. Planning Information

A. Effectivity

- (1) All PC-12 and PC-12/45 aircraft up to and including MSN 180.
- (2) This Service Bulletin will be incorporated prior to delivery on aircraft MSN 181 and subsequent.

B. Reason

It has been discovered that the current model of Stick Pusher system is susceptible to high tolerance, which could lead to higher control column forces than required by design. This Service Bulletin replaces the current model with a low-tolerance design.

C. Description

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

- (1) Replacement of the Stick Pusher Capstan.
- (2) Replacement of the Stick Pusher Servo.

D. Compliance

Mandatory.

Required within the next nine (9) calendar months, after the effective date of this Service Bulletin, unless already accomplished.

NOTE: PILATUS proposes to perform this work at the next annual inspection, if within time limit specified above.

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

FOR PLANNING PURPOSES

Task	Man-hours
Preparation	1.5
Replace Stick Pusher Capstan	1.0
Replace Stick Pusher Servo	0.5
Test	3.0
Close up	1.5
TOTAL MAN-HOURS	7.5

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

G. 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.

H. Tooling

None.

I. Weight and Balance

Not Affected

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J. References

FOR PLANNING PURPOSES

Aircraft Maintenance Manual (AMM), Chapters 22-20-00, 22-20-04 and 22-20-06.

K. Publications Affected

Aircraft Maintenance Manual (AMM), Chapters 22-20-00, 22-20-04 and 22-20-06.

Illustrated Parts Catalog (IPC), Chapter 22-20-00.