

SERVICE BULLETIN

SERVICE BULLETIN NO: 27-020

REF NO: 228

MODIFICATION NO: INSPECTION

ATA CHAPTER: 27

FLIGHT CONTROLS - ELEVATOR CONTROL SYSTEM DO A CHECK OF THE TENSION ON THE STICK-PUSHER SERVO-CABLES

1. Planning Information

A. Effectivity

All PC-12, PC-12/45, PC-12/47 MSNs 101 thru 544 and MSNs 546 thru 888, and PC-12/47E MSN 545 and MSNs 1001 thru 1101.

This Service Bulletin supersedes Service Bulletin 27-018.

B. Concurrent Requirements

None.

C. Reason

(1) Problem

Some Operators have reported that the stick-pusher servo-cables are loose.

(2) Cause

Ambiguous information in the adjustment procedure for the stick-pusher cable tension.

(3) Solution

Inspection of the stick-pusher servo-cables installation and adjustment of the stick pusher cable tension according to the new AMM procedure, which introduces a higher cable tension and accounts for cable relaxation during the assembly.

D. Description

This Service Bulletin gives the instructions and data necessary to:

- Do a check to make sure the stick-pusher servo-cables are installed correctly, set to the correct position and at the correct tension
- If necessary, replace the attachment hardware that holds the forward and aft cable clamps together.

Revision No. 1 is issued to add MSN 545 to the effectivity, replace aircraft MSNs with PC-12 types and minor editorial changes.

E. Compliance

Mandatory.

Required within the next 150 flying hours or not later than Mar 31/09, whichever comes first, unless already accomplished.

F. Approval

The technical content of this document is approved under the authority of DOA No. EASA. 21J. 357.

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

Task	Man-hours Standard Interior	Man-hours Executive Interior
Preparation	0.75	1.50
Check and modification	1.00	1.00
Close-Up	<u>0.75</u>	<u>1.50</u>
TOTAL MAN-HOURS	2.50	4.00

H. Weight and Balance

(1) Weight Change

Not affected.

(2) Moment Change

Not affected.

I. Electrical Load Data

Not affected.

J. Software

Not changed.

K. References

Aircraft Maintenance Manual (AMM)

PC-12, PC-12/45, PC-12/47	PC-12/47E
12-A-06-20-00-00A-040A-A	12-B-06-20-00-00A-040A-A
12-A-20-20-01-00A-040A-A	12-B-20-20-01-00A-040A-A
12-A-20-31-00-00A-070A-A	12-B-20-31-00-00A-070A-A
12-A-22-20-06-00A-920A-A	12-B-22-20-06-00A-920A-A
12-A-25-21-04-00A-920A-A	12-B-25-21-04-00A-920A-A
12-A-25-21-06-00A-920A-A	12-B-25-21-06-00A-920A-A
12-A-25-21-07-00A-920A-A	12-B-25-21-07-00A-920A-A
12-A-25-22-04-00A-920A-A	12-B-25-22-04-00A-920A-A
12-A-27-00-00-00A-313A-A	12-B-27-00-00-00A-313A-A
12-A-27-30-00-00A-903A-A See Note 1	12-B-27-30-00-00A-903A-A See Note 2

NOTE 1: Use Temporary Revision No. 27-02 if the AMM is at Revision 18 or earlier. If the AMM is at Revision 19 or later, use the procedure in the AMM.

NOTE 2: Use Temporary Revision No. 27-01 if the AMM is at Revision 0. If the AMM is at Revision 1 or later, use the procedure in the AMM.

L. Publications Affected

None affected

M. Interchangeability of Parts

Not applicable.