

Service Bulletin No: 52-009

Ref No: 382

Modification No: EC-17-0272

ATA Chapter: 52

DOORS - CARGO - REPLACEMENT OF THE CARGO DOOR DRIVE MECHANISM MOTOR**1. Planning Information****A. Effectivity**

PC-12, PC-12/45, PC-12/47 and PC-12/47E aircraft MSN 101 thru 1818.

This modification will be accomplished during production on MSN 1819 and subsequent.

B. Concurrent Requirements

None.

C. Reason**(1) Problem**

The motor to cargo-door actuator (P/N 552.71.12.020 for MSN 101 thru 544 and 546 thru 888, P/N 552.71.12.021 for MSN 545 and 1001 thru 1818) will become obsolete.

(2) Solution

If the motor to cargo-door actuator fails, replace the existing motor to cargo-door actuator with a new actuator (P/N 552.71.12.022).

D. Description

This Service Bulletin gives the data and instructions to remove the motor to cargo-door actuator (P/N 552.71.12.020 for MSN 101 thru 544 and 546 thru 888, P/N 552.71.12.021 for MSN 545 and 1001 thru 1818) and modify, install, adjust and test the motor to cargo-door actuator (P/N 552.71.12.022).

E. Compliance

Optional.

F. Approval

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

PILATUS advises Operators/Owners to check with their designated Airworthiness Authority for any changes, local regulations or sanctions that may affect the embodiment of this Service Bulletin.

G. Copyright and Legal Statement

© Pilatus Aircraft Ltd. This document contains proprietary information that is protected by copyright. All rights are reserved. No part of this document may be copied, reproduced or translated to other languages without the prior written consent of Pilatus Aircraft Ltd.

In connection with the use of this document, Pilatus does not provide any express or implied warranties and expressly disclaims any warranty of merchantability or fitness for a particular purpose. This document contains trade secrets, confidential and/or proprietary information of Pilatus and technical data subject to export control laws and regulations, including the U.S. Export Administration Regulations (EAR). Disclosure or distribution of this document contrary to the EAR, and other laws and regulations, is strictly forbidden. The above restrictions may apply to data on all pages of this document.

H. Manpower

Description	Man-hours
Preparation	2.0
Modification	4.0
Test	0.5
Close up	2.0
TOTAL MAN-HOURS	8.5

NOTE: Man-hours do not include the time necessary to cure sealants, paints and adhesives.

I. Weight and Balance

Not changed.

J. Electrical Load Change Data

Not changed.

K. Software

Not changed.

L. References

For aircraft MSN 101 thru 544 and 546 thru 888:

Aircraft Maintenance Manual (AMM)	12-A-20-31-00-01A-030A-A 12-A-52-30-04-00A-903A-A	12-A-25-23-01-00A-920A-A 12-A-52-30-04-00A-920A-A
-----------------------------------	--	--

For aircraft MSN 545 and 1001 thru 1818:

AMM	12-B-20-31-00-01A-030A-A 12-B-52-30-04-00A-903A-A	12-B-25-23-01-00A-920A-A 12-B-52-30-04-00A-920A-A
-----	--	--

M. Publications Affected

AMM

Illustrated Parts Data (IPD).

N. Interchangeability of Parts

Not applicable.

2. Material Information**A. Material - Price and Availability**

Operators that require additional information and/or Service Bulletin Material should contact their authorized Pilatus Service Center, or Pilatus Customer Support on www.pilatus-aircraft.com → contact us

NOTE: Part Numbers given in this Service Bulletin are correct at the time of approval. Pilatus Aircraft Ltd. reserves the right to change the part numbers as necessary. Part numbers of items delivered with the kit are correct when the kit is dispatched. This could lead to differences between those part numbers quoted in this Service Bulletin and the kit if parts are superseded. Operators are requested to check the IPD for delivered parts which differ from those listed in the Service Bulletin Materials Kit List.

B. Warranty

Not applicable.

C. Material to Order from Pilatus