

Service Bulletin No: 23-008

Ref No: 278

Modification No: EC-10-0637

ATA Chapter: 23

**COMMUNICATIONS - AUDIO SYSTEM -
OXYGEN MASK MICROPHONE SOCKET WIRING****1. Planning Information****A. Effectivity**

PC-12 Series aircraft MSN 101 thru 544, 546 thru 999 that are pre Service Bulletin 23-004.

B. Concurrent Requirements

None.

C. Reason**(1) Problem:**

The Audio System installation connects the shielding of the oxygen mask microphone cable to the VHF Communications key line. A fault in the mask microphone wiring that causes a short circuit between the shielding and the negative line of the microphone or the aircraft ground, will cause the VHF Communications key line to become permanently active.

(2) Cause:

Incorrect wiring.

(3) Solution:

Cap and stow the shielding of the oxygen mask microphone cable.

D. Description

This Service Bulletin gives the data and instructions necessary to cap and stow the wiring of the oxygen mask microphone wiring connections in the flight compartment.

E. Compliance

Optional.

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.

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H. Manpower

Task	Man-hours	
	At Annual Inspection	Not at Annual Inspection
Preparation	1.0	4.0
Modification	0.5	0.5
Close-Up	1.0	6.0
TOTAL MAN-HOURS	2.5	10.5

I. Weight and Balance:

(1) Weight change

None.

(2) Moment change

None.

J. Electrical load Data:

No change.

K. Software:

Not changed.

L. References:

Aircraft Maintenance Manual (AMM):

12-A-20-31-00-00A-070A-A 12-A-23-50-00-00A-903A-A
12-A-23-50-00-00A-903B-A 12-A-23-50-00-00A-903C-A 12-A-23-50-00-00A-903D-A
12-A-25-10-01-00A-920A-A 12-A-25-10-05-00A-920A-A 12-A-25-21-07-00A-920A-A

M. Publications Affected:

Aircraft Wiring Manual.

N. Interchangeability of Parts:

Not affected.

2. Material Information

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 Modification Kit are correct when the kit is dispatched. This could lead to differences between those part numbers quoted in this Service Bulletin and the Modification Kit if parts are superseded. Operators are requested to check the IPC for delivered parts which differ from those listed in the Service Bulletin Materials Kit List.

A. Material - Price and Availability

If you require more information about this modification, please contact us as follows:

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Operators are requested to advise Pilatus Aircraft Ltd, of the Manufacturer's Serial Number (MSN) and the flying hours of aircraft which are affected by this Service Bulletin.