

Service Bulletin No: 35-007

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Modification No: EC-15-0838, EC-16-0049, EC-16-0371

ATA Chapter: 35

OXYGEN - PASSENGER OXYGEN SYSTEM - INTRODUCTION OF A DROP-DOWN PASSENGER OXYGEN MASK SYSTEM**1. Planning Information****A. Effectivity**

PC-12/47E Series aircraft MSN 1001 and up with a Factory Option Executive 6 or 8 seat interior and a standard oxygen system or large oxygen system installed in the rear fuselage left side.

B. Concurrent Requirements

None.

C. Reason**(1) Problem**

Customer requirement for a drop-down passenger oxygen mask system.

(2) Cause

Operational requirement.

(3) Solution

Install a drop-down passenger oxygen mask system.

D. Description

This Service Bulletin gives the data and instructions to remove the existing fixed oxygen installation and install a drop-down passenger oxygen mask system. The modification involves removing the existing fixed oxygen system in the passenger compartment, modifying the passenger compartment headliner panel and installing the drop-down mask system. The modification is suitable for installation on aircraft with a six or eight seat executive interior with the standard oxygen system or with the optional large oxygen system installed in the left side of the rear fuselage.

Revision 1 to this Service Bulletin updates the parts list, adds insulation plates for the passenger compartment, clarifies the modification procedure, adds Passenger Safety Cards and an instruction to update the aircraft Equipment List. Operators who have already embodied this Service Bulletin must make sure that new Passenger Safety Cards are in use and that the aircraft Equipment List is updated.

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.

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H. Manpower

Description	Man-hours
Preparation	16
Modification & Test	56
Close up	18
TOTAL MAN-HOURS	90

NOTE: The man-hours given above do not include drying/cure time for adhesives, sealants or paints.

I. Weight and Balance

Not changed.

J. Electrical Load Change Data

Not changed.

K. Software

Not changed.

L. References

Aircraft Maintenance Manual (AMM)

12-B-12-10-05-00A-902A-A 12-B-20-31-00-00A-071A-A 12-B-20-50-00-00A-901A-A

12-B-24-00-00-00A-901A-A 12-B-25-21-01-00-920A-A 12-B-25-21-03-00A-920A-A

12-B-25-21-04-00A-920A-A 12-B-25-21-07-00A-920A-A 12-B-34-53-00-00A-903A-A

12-B-35-00-00-00A-901A-A 12-B-35-00-00-00A-903B-A

Component Maintenance Manual (CMM) (Document No. 02364) 12-A-CM-25-80-00-I

Zodiac Component Maintenance Manual (CMM) 35-20-24.

M. Publications Affected

Aircraft Flight Manual Supplement 15

Aircraft Maintenance Manual

Illustrated Parts Catalogue

N. 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.

PILATUS AIRCRAFT LTD
CUSTOMER SUPPORT MANAGER
CH-6371 STANS
SWITZERLAND

General Aviation
Tel: +41 41 619 3333
Fax: +41 41 619 7311
eMail: SupportPC12@pilatus-aircraft.com

PILATUS BUSINESS AIRCRAFT LTD
PRODUCT SUPPORT DEPARTMENT
11755 AIRPORT WAY
BROOMFIELD, CO 80021
UNITED STATES OF AMERICA

Tel: +1 303 465 9099
Fax: +1 303 465 6040
eMail: SupportPC12@PilBal.com

PILATUS AUSTRALIA PTY LTD
17 JAMES SCHOFIELD DRIVE
ADELAIDE AIRPORT SA 5950
AUSTRALIA

Tel: +61 8 8238 1600
Fax: +61 8 8234 4499
Free Call: +61 1800 PILATUS (745 2887)
eMail: SupportPC12@pilatus.com.au

B. Material Necessary for Each Aircraft

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.