

**FOR PLANNING PURPOSES**

# SERVICE BULLETIN

SERVICE BULLETIN NO: 35-002

REF NO: 126

MODIFICATION NO:

ATA CHAPTER: 35

## OXYGEN - PASSENGER OXYGEN SYSTEM IMPROVED DISTRIBUTION OF OXYGEN TO OCCUPANTS OF THE REAR BENCH SEAT

### 1. Planning Information

#### A. Effectivity

- (1) All PC-12 and PC-12/45 aircraft from MSN 101 up to and including MSN 365 with rear bench seats (PIL P/N 525.22.12.016) installed.
- (2) All bench seats (PIL P/N 525.22.12.016) held as spare.

#### B. Concurrent Requirements

None

#### C. Reason

##### (1) Problem

It is possible that the flow of oxygen to the occupants of the rear bench seat will not be sufficient in some emergency conditions.

##### (2) Cause

The flow of oxygen to each occupant on the rear bench seat is reduced through two metered connectors when only one reduction of flow is necessary.

##### (3) Solution

Replace the metered connector and oxygen tubing (together with the related components) in the rear bench seat to give an unrestricted flow of oxygen to the outlet manifold.

#### D. Description

This Service Bulletin gives the data and instructions necessary to replace the following components in the rear bench seat:

- Oxygen tubing and connector assembly
- Oxygen tubing support-angle and grommet assembly
- Hose clamp (oxygen tubing to adaptor in seat manifold)

**E. Compliance**

Mandatory.

Required within the next 30 days after the effective date of this Service Bulletin, unless already accomplished.

**F. Approval**

The technical aspects of this Service Bulletin have been approved by the Federal Office for Civil Aviation (FOCAL) of Switzerland as an Airworthiness Directive.

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**

	Total
Preparation	0.5
Replacement of components	1.0
Close up	0.5
<b>TOTAL MAN-HOURS</b>	<b>2.0</b>

**H. Weight and Balance**

**(1) Weight Change**

Not affected.

**(2) Moment Change**

Not affected.

**I. Electrical Load Data**

Not changed.

**J. Software**

Not changed.

**K. References**

Aircraft Maintenance Manual (AMM), 35-00-00.

**L. Publications Affected**

Illustrated Parts Catalog, 25-20-00.

**M. Interchangeability of Parts**

Pre and Post Service Bulletin 35-002 oxygen components are not interchangeable.

**2. Material Information**

**A. 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.