

## **SUPPLEMENT No. 9**

### **PASSENGER AREA HEATING**

This Supplement must be included in the Z 143 L - Z 143LSi Airplane Maintenance Manual (Doc. No. 005.022.2), Chapter 95, passenger area heating, acc. to Drwg. No. L 143.8340 when is installed.

The information contained herein supplements or supersedes the information in Z 143 L – Z 143 LSi Airplane Maintenance Manual (Doc. No. 005.022.2).

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**EFFECTIVITY: ALL**

**95-90-00**

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# **PASSENGER AREA HEATING**

## **DESCRIPTION AND OPERATION**

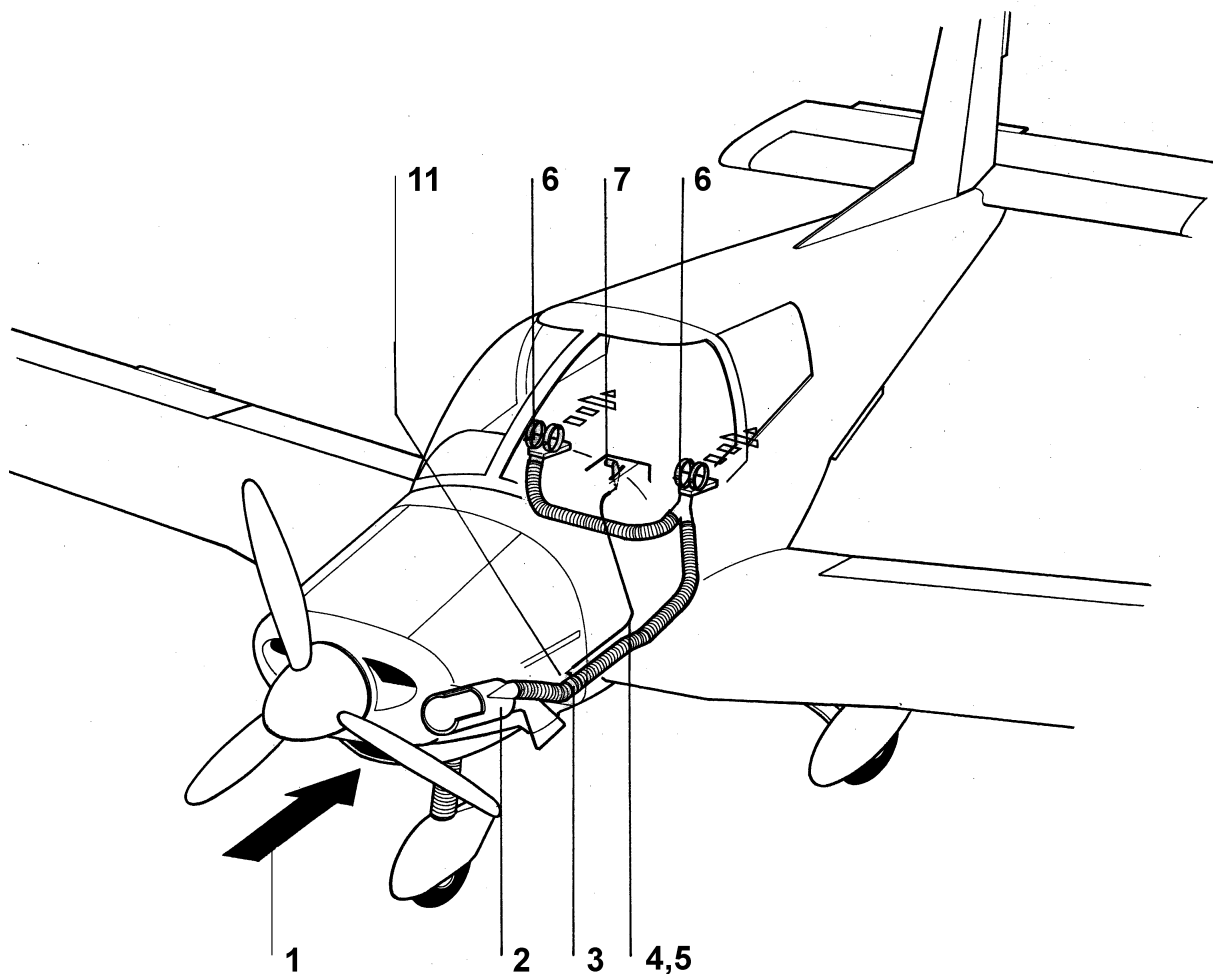
Rear seats heating is connected to heat exchanger of L.H. exhaust silencer of main cabin heating system. Hot air is led from heat exchanger through a hose to closing valve in left lower corner of the firewall. Hot air is led from here through a hose below pilot compartment floor to two outlets located below front seats. Warm air is directed to legs of passengers.

Rear seats heating is controlled by a lever located on central panel between front seats. Rear seats heating lever controls closing valve located on the firewall through the mediation of the wire and bowden.

## **PLACARDS**



The placard is located close the rear seats heating control lever.



- 1 ... Ambient air entry
- 2 ... Heat exchanger of left exhaust silencer
- 3 ... Closing valve assembly
- 4 ... Wire
- 5 ... Bowden
- 6 ... Outlet port
- 7 ... Lever
- 8 ... Closing valve
- 9 ... Lever

For information only:  
11 ... Firewall

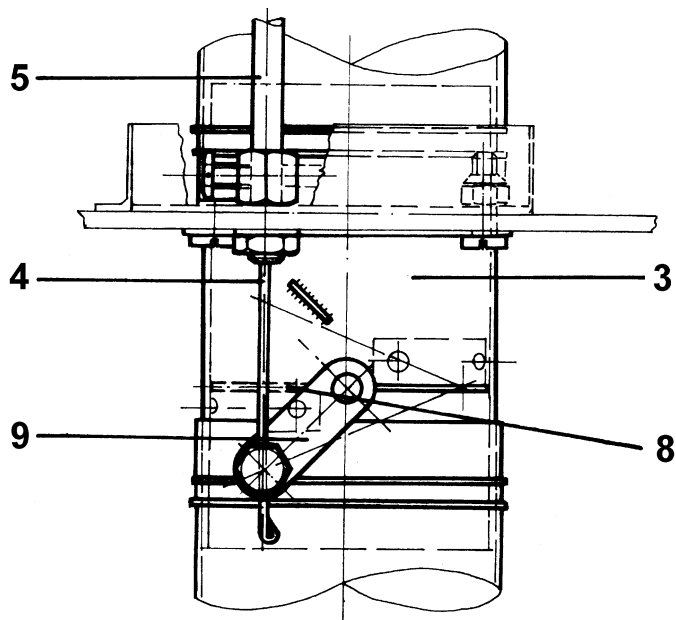


Fig. 1 Passenger area heating

EFFECTIVITY: ALL

## **MAINTENANCE**

### **APPROVED REPAIRS**

#### **REPAIR OF PASSENGER AREA HEATING**

#### **CAUTION**

IN CASE THE SMELL OF EXHAUST GAS IS DETECTED IN FLIGHT IT IS NECESSARY TO CHECK ENGINE EXHAUSTS (section 78-10-00) AND TO REMOVE DETECTED FAULTS.

Fault	Remedy
1) Blocking of hoses and outlet ports with dirt.	Clean blocked elements.
2) Burning through, tearing, or other defect hose.	Replace defective hose.
3) Improper hose coupling.	Tighten the released sleeves of hose ends.
4) Corrosion.	Remove corrosion by emery paper.
5) Broken the wire of heating control.	Replace the wire. Grease the wire before installation.

**EFFECTIVITY: ALL**

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