

CHAPTER

30

**ICE AND RAIN
PROTECTION**

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GENERAL

The pitot head, stall warning sensor and static vents are equipped with electric heaters that may be switched in flight if needed and that prevent freezing of sensor ports.

ANTI-ICING OF PITOT - STATIC SYSTEM

DESCRIPTION AND OPERATION

WARNING

TURNING ON THE PITOT HEAD, STALL WARNING SENSOR AND STATIC VENT HEATERS ON THE GROUND IS ALLOWED FOR HEATER SERVICEABILITY TESTING PURPOSES ONLY FOR MAXIMUM 1 MINUTE.

NOTE

Location of pitot head, stall warning sensor and static vents is issued in section 34-10-00.
Wiring diagram of pitot head, stall warning sensor and static 91-40-00.

The pitot head and stall warning sensor heating is controlled by **PITOT HEATING** switch. As soon as switched on the green **PITOT HEATING** annunciator in light annunciator panel should be lit.
The static vent heating is controlled by the **STATIC HEATING** switch. As soon as switched on the green **STATIC HEATING** annunciator in light annunciator panel should be lit.

REPAIRS

Fault	Possible reason	Remedy
During check of pitot-static system heating the green PITOT HEATING and STATIC HEATING annunciators are not lit, i.e. some sensor is not heated. (The airplane registered in GFR are equipped with the amber P/Ü/S - HEIZ. STÖRUNG annunciator).	Cut circuit of pitot head (Fig. 91-6, item D3) or other sensor heating (items D4; D16; D17).	On the ground turn either PITOT HEATING or STATIC HEATING switch for one minute and detect faulty sensor by touch. Replace faulty sensor.

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