

# **AEROPRAKT SERVICE BULLETIN**

**№ SB A22LS-22**

## **INCREASE OF WATER PUMP SCREW-CLAMP TORQUE OF A22LS AND A22L2 AIRCRAFT**

### **Repeating symbols:**

Please, pay attention to the following symbols throughout this document marking important information.

- ▲ **WARNING:** Identifies an instruction, which if not followed may cause serious injury or even death.
- **CAUTION:** Denotes an instruction, which if not followed, may cause severe damage.
- ◆ **NOTE:** Information useful for better handling.

**Release date: 30.11.2020**

**Effective date: 30.11.2020**

**Completion date:**

**Superseded notice: none**

**Model: A22LS and A22L2**

**Serial number(s) affected: All A22LS aircraft to and including serial No. 394**

**and all A22L2 aircraft from serial No. 350 to and including serial No. 601**

**1) Planning information****1.1) Aircraft affected**

All A22LS aircraft to and including serial No. 394, all A22L2 aircraft from serial No. 350 to and including serial No. 601.

**1.2) Reason**

Due to change of the water hose properties by the hose manufacturer the water hose attached to the inlet of the water pump may disconnect in operation (see photo 1).



Photo 1

▲ Failure to perform this work will result in engine overheating and failing in flight!

**1.3) Subject**

Screw-clamp attaching the water hose on the engine cooling system water pump inlet. See photo 1.

**1.4) Compliance**

Compliance with this Service Bulletin is mandatory for all affected aircraft for flight safety reasons!

**1.5) Approval**

The technical content of this Service Bulletin has been approved by Aeroprakt.

**1.6) Manpower**

Estimated work: 1.5 man-hour.

**1.7) Mass data**

Mass change – none.

**1.8) Revision of other documents**

In the AMM of every aircraft, specified in section 1.1 above, in “Cooling system” section:

- in the “INSPECTION CHART” table add a line for the first inspection of the screw-clamp after 25 hours and every 100 hours for the following inspections;
- add instruction: “When inspecting the screw-clamp attaching the water hose to the water pump inlet make sure its tightening torque is equal to 4 N·m (3 lb·ft).

**1.9) Spare parts**

None.

**2) Spare parts information**

None.

**3) Accomplishment / Instructions****▲ Failure to perform this work will result in engine overheating and failing in flight!**

- 3.1) Remove the upper and lower cowling panels.
- 3.2) Tighten the screw-clamp shown in Photo 1 to 4 N·m (3 lb·ft) torque.
- 3.3) Put back the upper and lower cowling panels.