

# **AEROPRAKT SERVICE BULLETIN**

## **No. SB A22LS-14**

### **AMMENDMENT TO AIRCRAFT MAINTENANCE MANUAL OF A-22LS AND A-22L2 AIRPLANES (INSPECTION OF ELEVATOR CONTROL ROD)**

#### **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: 22.06.2016**

**Effective date: 22.06.2016**

**Completion date:**

**Superseded notice: none**

**Model: A-22LS, A-22L2**

**Serial number(s) affected: see below**

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

Aeroprakt-22LS airplanes S/N 001-014, 016-025, 027-029, 031-037, 040-046, 049, 051-063, 065-067, 069-072, 075-084, 086-089, 093-098, 100, 101, 103-110, 113-121, 124-132, 134, 135, 137-141, 146-151, 154-157, 160-162, 164-168, 171-176, 178-182, 185-188, 190-193, 195, 196, 198, 244, 245;

Aeroprakt-22L2 airplanes S/N 345, 350, 352, 353, 356, 357, 359, 361-369, 371-373, 375-381, 383-387, 389-393, 396-402, 405-408, 410, 413-422, 426, 428, 430-432, 435, 436, 440-444, 447-461, 463, 464, 466, 467, 469, 471-488, 490-507.

**1.2) Reason**

Operation of A-22LS and A-22L2 aircraft revealed that the aft control rod of the elevator is subject to wear against its supporting rollers.

**1.3) Subject**

Amendment of the aircraft maintenance manual of A-22LS and A-22L2 aircraft – inspection of the aft control rod of the elevator.

**1.4) Compliance**

The required amendments were introduced into the AMM of A-22LS aircraft starting from S/N 268 and A-22L2 aircraft starting from S/N 507.

**1.5) Approval**

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

**1.6) Manpower**

Estimated man-hours: 20-40 minutes.

**1.7) Mass data**

Mass change – none.

**1.8) Revision of other documents**

None.

**1.9) Spare parts**

None.

**2) Spare parts information**

None

### 3) Accomplishment / Instructions

#### 3.1) In the Aircraft Maintenance Manuals

A22LS-AMM-01 of A22LS airplanes S/N 001-014, 016-025, 027-029, 031-037, 040-046, 049, 051-063, 065-067, 069-072, 075-084, 086-089, 093-098, 100, 101, 103-110, 113-121, 124-132, 134, 135, 137-141, 149-151, 154, 157, 160, 162, 164, 165, 167, 168, 171-176, 178-182, 185-187, 190-193, 195, 196, 198;

A22LS-AMM-03 of A22LS airplanes S/N 146-148, 155, 156, 161, 166, 188, 244, 245;

A22L2-AMM-01 and A22L2-AMM-02 of A22L2 airplanes S/N 345, 350, 352, 353, 356, 357, 359, 361-369, 371-373, 375-381, 383-387, 389-393, 396-402, 405-408, 410, 413-422, 426, 428, 430-432, 435, 436, 440-444, 447-461, 463, 464, 466, 467, 469, 471-488, 490-507

make ammendments in the section **11 Airplane control system** as follows:

add the following line in the **INSPECTION CHART** table:

Part No.	Description	Inspection interval	RCO	Note
A22LS-0-5196-00	Rod, aft	500 h	OC	11.13

add the following instruction in the **Notes** subsection:

11.13 Disconnect the front and rear ends of the aft rod. Lift the elevator up and take out the rod from fuselage. Inspect the area of rod contact with the supporting rollers. If the wear spot is wider than 8 mm replace the rod.

3.2) In the Aircraft Maintenance Manuals A22LS-AMM-02 of A22LS airplanes S/N 199-204, 206, 208-212, 214-223, 225-243, 246-267 make ammendments in the section **12 Airplane control system** as follows:

add the following line in the **INSPECTION CHART** table:

Part No.	Description	Interval	RCO	Instruction	TM	LC
A22LS-0-5196-00	Rod, aft	500 h	OC	12.13	L	LRI

add the following instruction in the **Notes** subsection:

12.13 Disconnect the front and rear ends of the aft rod. Lift the elevator up and take out the rod from fuselage. Inspect the area of rod contact with the supporting rollers. If the wear spot is wider than 8 mm replace the rod.

**Recommended special tools:** none.

**Necessary parts/materials:** none.