

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Superseded notice: none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.