

AEROPRAKT SERVICE BULLETIN

No. SB A22LS-15

AMMENDMENT TO AIRCRAFT MAINTENANCE MANUAL OF A-22LS AND A-22L2 AIRPLANES (CHANGE OF 50 HOUR WORK)

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: 06.02.2017

Effective date: 06.02.2016

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Superseded notice: none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 1-282;
Aeroprakt-22L2 airplanes S/N 345-528.

1.2) Reason

Experience of Aeroprakt-22LS and Aeroprakt-22L2 airplanes' operation revealed some maintenance tasks that either may be excluded or performed over a longer period of time.

1.3) Subject

Amendment to all versions of «Aeroprakt-22LS Aircraft Maintenance Manual» and «Aeroprakt-22L2 Aircraft Maintenance Manual».

1.4) Compliance

This amendment should be done to the AMM of all Aeroprakt-22LS and Aeroprakt-22L2 airplanes in operation. The required amendments were introduced into the AMM of A-22LS aircraft starting from S/N 283 and A-22L2 aircraft starting from S/N 529.

1.5) Approval

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

1.6) Manpower

Estimated man-hours: 10 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

In the Aircraft Maintenance Manuals of A22LS airplanes and A22L2 airplanes

3.1) In the **Inspections** section correct the inspection interval from 50 to 100 hours in the following lines of the inspection schedule table and delete the 50 hour column of the table as shown below:

Inspection/Servicing action ↓ and its interval in hours →	50	100	200	500	1000	2000
Landing gear						
Inspect the wheel fairings for cracks, ruptures and damaged paint	X	<u>X</u>				
Check the torque and locking of the fairing attachment bolts/nuts	X	<u>X</u>				
Inspect the mud-screens for fatigue cracks and deformation ²	X	<u>X</u>				
Check the torque and locking of the mud-screen attachment bolts/nuts ²	X	<u>X</u>				
Cooling system						
Check torque of the water inlet elbow hose clamps, tighten if necessary	X	<u>X</u>				
Cockpit heating system						
Inspect warm air duct for damage. Replace if necessary	X	<u>X</u>				

3.2) In the sections **Landing gear, Cooling system, Cockpit heating system** correct the inspection interval from 50 to 100 hours in the following lines of the **INSPECTION CHART** tables:

Part No.	Description	Interval	RCO	Instruction
A22LS-0-4410-00	Nose wheel fairing	<u>100</u> 50 h	OC	4.5
A22LS-0-4420-01	Right wheel fairing	<u>100</u> 50 h	OC	4.5
A22LS-0-4420-02	Left wheel fairing	<u>100</u> 50 h	OC	4.5
A22LS-0-4510-00	Nose wheel mud-screen*	<u>100</u> 50 h	OC	4.6
A22LS-0-4520-01	Right wheel mud-screen*	<u>100</u> 50 h	OC	4.6
A22LS-0-4520-02	Left wheel mud-screen*	<u>100</u> 50 h	OC	4.6

Part No.	Description	Interval	RCO	Instruction
Norma 20-32	Water inlet elbow hose clamp	First – 25 h; next – <u>100</u> 50 h	OC	7.4

Part No.	Description	Interval	RCO	Instruction
A22.0.6514.00	Warm air duct	<u>100</u> 50 h	OC	14.3