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AEROPRAKT

SAFETY ALERT

No. SA A-22-11

Release date: March 2015

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Completion date:

Superseded notice:

Model: A22LS

Serial number(s) affected: 003-014, 016, 018-025, 027-029, 031-037, 040-046, 049, 051-063, 065-067, 069-072, 076-084, 086-089, 093-098, 100, 101, 103-110, 113-121, 124-132, 134-136, 137-141, 146-151, 154-157, 160-162, 164-167, 171-176, 178-182, 185-188, 190-193, 195-196, 198-204, 206, 208-212, 214-223, 225-243.

AEROPRAKT INFORMATION BULLETIN

AMMENDMENT TO AIRCRAFT MAINTENANCE MANUALS OF A-22LS AIRPLANES.

IB A-22LS-11

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.

1) Planning information

1.1) Aircraft affected

«Aeroprakt-22LS Aircraft Maintenance Manual. A22LS-AMM-01» of Aeroprakt-22LS airplanes S/N 003-014, 016, 018-025, 027-029,031-037, 040-046, 049, 051-063, 065-067, 069-072, 076-084, 086-089, 093-098, 100, 101, 103-110, 113-121, 124-132, 134-136, 137-141, 146-151, 154-157, 160-162, 164-167, 171-176, 178-182, 185-188, 190-193, 195-196, 198 and «Aeroprakt-22LS Aircraft Maintenance Manual. A22LS-AMM-02» of Aeroprakt-22LS airplanes S/N 199-204, 206, 208-212, 214-223, 225-243.

1.2) Reason

Improvement of Aircraft Maintenance Manual content .

1.3) Subject

Chapter “10 Propeller” of the «Aeroprakt-22LS Aircraft Maintenance Manual. A22LS-AMM-01» of Aeroprakt-22LS airplanes S/N 003-014, 016, 018-025, 027-029,031-037, 040-046, 049, 051-063, 065-067, 069-072, 076-084, 086-089, 093-098, 100, 101, 103-110, 113-121, 124-132, 134-136, 137-141, 146-151, 154-157, 160-162, 164-167, 171-176, 178-182, 185-188, 190-193, 195-196, 198, and Chapter “11 Propeller” of the «Aeroprakt-22LS Aircraft Maintenance Manual. A22LS-AMM-02» of Aeroprakt-22LS airplanes S/N 199-204, 206, 208-212, 214-223, 225-243..

1.4) Compliance

Added into the documentation of Aeroprakt-22LS airplanes from S/N **Approval**
The technical content of this Information 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) Instruction

The Chapter “10 Propeller” of the «Aeroprakt-22LS Aircraft Maintenance Manual. A22LS-AMM-01», mentioned in 1.3, to read as following:

A-22LS airplane may be fitted with any propeller, approved by Aeroprakt Ltd. Propeller and its spinner servicing comprises of their systematic inspection and timely repair (or replacement) of the parts with expired service life in accordance with the requirements of their manufacturer.

INSPECTION CHART*

Part No.	Description	Inspection interval	RCO	Service reference
-	Propeller hub	200 h	**/OC	10.1
-	Bolt x6	200 h	**/OC	Torque
-	Spinner	200 h	OC	10.2

* — for propeller manufactured by KievProp company (e-mail: kievprop@i.ua, web: <http://www.kievprop.com>) and spinner produced by Aeroprakt

** — in accordance with the requirements of KievProp company.

Notes:

10.1 Remove the propeller spinner. Inspect the propeller hub for fatigue cracks. If any cracks are detected contact propeller manufacturer (KievProp, Ukraine, Kyiv, 04128, Tupolev str. 19, tel./fax: +38 (044) 443 79 91, e-mail: kievprop@i.ua) for required technical support.

Check the pitch angles of the blades and re-adjust the propeller if necessary.

If no defects are detected install the spinner in place applying Loctite 222 on the thread of the attachment screws.

10.2 Check the torque of the screws attaching the spinner. Tighten if necessary using Loctite 222.

3.2) Instruction

The Chapter “10 Propeller” of the «Aeroprakt-22L2 Aircraft Maintenance Manual. A22L2-AMM-01», mentioned in 1.3, to read as following:

A-22L2 airplane may be fitted with any propeller, approved by Aeroprakt Ltd. Propeller and its spinner servicing comprises of their systematic inspection and timely repair (or replacement) of the parts with expired service life in accordance with the requirements of their manufacturer.

INSPECTION CHART*

Part No.	Description	Inspection interval	RCO	Service reference
-	Propeller hub	200 h	**/OC	10.1
-	Bolt x6	200 h	**/OC	Torque
-	Spinner	200 h	OC	10.2

* — for propeller manufactured by KievProp company (e-mail: kievprop@i.ua, web: <http://www.kievprop.com>) and spinner produced by Aeroprakt

** — in accordance with the requirements of KievProp company.

Notes:

10.1 Remove the propeller spinner. Inspect the propeller hub for fatigue cracks. If any cracks are detected contact propeller manufacturer (KievProp, Ukraine, Kyiv, 04128, Tupolev str. 19, tel./fax: +38 (044) 443 79 91, e-mail: kievprop@i.ua) for required technical support.

Check the pitch angles of the blades and re-adjust the propeller if necessary.

If no defects are detected install the spinner in place applying Loctite 222 on the thread of the attachment screws.

10.2 Check the torque of the screws attaching the spinner. Tighten if necessary using Loctite 222.

3.3) Instruction

The Chapter “11 Propeller” of the «Aeroprakt-22LS Aircraft Maintenance Manual. A22LS-AMM-02», mentioned in 1.3, to read as following:

A-22LS airplane may be fitted with any propeller, approved by Aeroprakt Ltd. Propeller and its spinner servicing comprises of their systematic inspection and timely repair (or replacement) of the parts with expired service life in accordance with the requirements of their manufacturer.

INSPECTION CHART*

Part No.	Description	Interval	RCO	Instr. No.	TM	LC
-	Propeller hub	200 h	**/OC	11.1	L	LRM
-	Bolts, 6 pcs.	200 h	**/OC	1.8	L	OWN
-	Spinner	200 h	OC	11.2	L	LRI

* — for propeller manufactured by KievProp company (e-mail: kievprop@i.ua, web: <http://www.kievprop.com>) and spinner produced by Aeroprakt

** — in accordance with the requirements of KievProp company.

Notes:

11.1 Remove the propeller spinner. Inspect the propeller hub for fatigue cracks. If any cracks are detected contact propeller manufacturer (KievProp, Ukraine, Kyiv, 04128, Tupolev str. 19, tel./fax: +38 (044) 443-79-91, e-mail: kievprop@i.ua) for necessary technical support.

Check the pitch angles of the blades and re-adjust the propeller if necessary.

If no defects are detected install the spinner in place applying Loctite 222 on the thread of the attachment screws.

Recommended special tools: propeller blade angle gauge, torque wrench.

Necessary parts/materials: Loctite 222.

11.2 Check the torque of the screws attaching the spinner. Tighten if necessary using Loctite 222.

Recommended special tools: none.

Necessary parts/materials: none.