

RECORD OF REVISIONS

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Any revision of the present manual, except actual weighing data, must be recorded in the following table according to information from the Manufacturer.

New or amended text in the revised pages will be indicated by a black vertical line on the left hand margin, and the Revision No. and the date will be shown on the bottom left hand side of the page.

Rev. No	Affected Section	Affected Pages	Date	Approval	Date	Date Inserted	Signature
1	10	32	09/11/16			/11/16	

10 Propeller

A-22L2 airplane may be fitted with any suitable propeller compatible with Rotax-912 engine power output and the airplane speed range. [The propellers available are the Kiev Prop, Flash Duc and E Props, three-blade on-ground adjustable propellers of 1.7 m \(5'7"\) average diameter.](#)

Propeller servicing comprises of its systematic inspection and timely repair (or replacement) of the parts with expired service life in accordance with the requirements of its manufacturer.

INSPECTION CHART

Part No.	Description	Inspection interval	RCO	Service reference
-	Propeller hub	200 h	4 years/OC	10.1
-	Blade x3	25 h	4 years/OC	10.2
-	Bolt x6	200 h	4 years/OC	Torque
A22-4-6481-00	Spinner	200 h	OC	10.3

Notes:

10.1 Remove the propeller spinner. Inspect the propeller hub for fatigue cracks. If any cracks are detected contact propeller manufacturer 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 Inspect the blades for damage, paying special attention to the blade tips and protecting metal strip on the leading edge. If seriously damaged spots or delaminations of composite is detected, the blade(s) must be repaired (or replaced). Contact propeller manufacturer for the required technical support.

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