

11.11.1987

1479. Eiriavion. Inspection of flap and aileron balance weights

Applicability: All PIK-20() series sailplanes and self launching sailplanes registered in Finland.

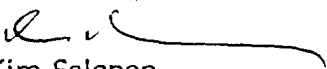
Reference: The Gliding Federation of Australia Airworthiness Directive no. 303.

This AD becomes effective: 1st December, 1987.

Action:

- A. Within 25 hours of flight, remove flaps and aileron to confirm the existence of lead mass balance strips. If not fitted, no further action is required. If fitted, inspect the lead strips before further flight in accordance with paragraph B of this AD.
- B. Inspect the lead mass balance strips for cracking, principally at the attachment rivets using at least a 10 power magnifying glass. This inspection shall be repeated henceforth at every annual inspection. If cracking is detected, the cracked strip is to be replaced before further flight in accordance with paragraph C.
Insert the inspection procedure in the sailplane service manual.
- C. - Replace crached mass balance strips according to the following procedure.
- Replacement lead strips shall be of same weight and length as original.
- The strips shall be made of good quality lead, preferably extruded and shaped to fit, or cast without being granular and brittle.
- Strips are to be attached at the same rivet holes, using an epoxy resin or similar, to bond the lead in place.
- Counter bores to be kept to minimum depth.
- Rivets shall have washers on the GRP face. Rivets should not be increased in dia.
- The final mass balance of each flap and aileron shall be checked in accordance with the sailplane's service manual.

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