

AIRWORTHINESS ADVICE NOTICE

TYPE AFFECTED: Jonker Sailplanes JS3

SUBJECT: Miscellaneous Airworthiness Information

BACKGROUND: Jonker Sailplanes Service Bulletins are promulgated and available from the Jonker Sailplanes website.

APPROVED MODIFICATIONS:

Jonker Sailplanes Mandatory Service Bulletins.

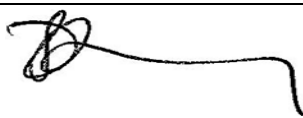
DEFECTS:

1. A defect report detailing a flaperon delamination has been received on an early serial number JS3. During the annual inspection, the LH side 18-metre outboard wing flaperon was found to have an 80mm delamination at the trailing edge. This resulted in a loss of torsional stiffness. The defect was identified by applying a small amount of torque to the control surface.



Within one month of receiving the first report, a second was received detailing a similar defect. The second aircraft being produced six later on the production line. Whilst also performing an annual inspection, the LH side 18-metre outboard wing was also

SIGNED:


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For and on behalf of:

**THE GLIDING FEDERATION
OF AUSTRALIA**

found to have a delaminated flaperon trailing edge 130mm in from the root and 190mm in length. It appeared to have never been bonded at the failure point as the surface was clean, devoid of resin. The fault was almost impossible to see as the trailing edge appeared normal. The defect was found when polishing the wing.



RECOMMENDATION:

When performing maintenance, inspect the flaperon control surfaces for delamination by applying a small torque. A healthy integral control will resist flexing. Any control surface with delamination or disbond will suffer a loss of torsional stiffness and open. Jonker Sailplanes has been advised.