

SERVICE BULLETIN SB.JS-001

Approval number: Design: M667, Manufacturing: D667, Maintenance: AMO1179

Service Bulletin SB.JS-001

11 October 2010

TITLE

Cockpit noise reduction

APPLICABILITY

MODEL	SERIAL NUMBERS			
JS1A	1A-009			
JS1B	1B-007 to 1B-008			
	1B-010 to 1B-015			

REASON

An electrical conduit tube is installed inside the right hand side channel. This tube is a provision for routing electrical cables and it has no structural effect. The tube may produce a resonating noise when air is forced through it. The noise may increase in volume when the cockpit ventilator in the right hand side channel is closed and the frequency of the noise may change with airspeed and vent position.

DESCRIPTION

To eliminate the resonating noise, airflow through the tube must be prevented. The best position to block the tube is below the luggage compartment close to the right hand cockpit skin.

COMPLIANCE

OPTIONAL: This Service Bulletin has no effect on the aircraft structure or the airworthiness of the sailplane.

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INSTRUCTIONS

To block the tube:

- 1. Disconnect and remove the water system torque tube above the battery boxes. Take care not to drop any parts or tools into the fuselage past the right hand battery box.
- 2. Remove the right hand battery box.
- 3. The rear end of the tube is next to the right hand fuselage side, just below the Aramid fibre member running below the luggage compartment table. Block the exit of the black tube by forcing a cylindrical shaped piece of polystyrene foam into the tube. Ensure the foam fits tightly and will not be forced out by the positive airflow during flight.
- 4. Replace the battery box and secure.
- 5. Refit, reconnect and lock the water system torque tube.
- 6. Test the water system while the glider is assembled to ensure the valves are closing simultaneously. Adjust if required.
- 7. Test the water system with the wings filled with water and check that both valves open fully when dumping water.

MATERIAL

Polystyrene foam cylinder, approximate diameter of 20mm and length 20mm.

MASS AND BALANCE

Not affected

MANUALS

Not affected

NOTES

Ensure that no tools or parts are dropped into the centre section of the fuselage.

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