



Sport Aviation Corp Ltd
Microlight Aircraft Defect Report

Reporter's Name:

Address:

Fuel Starvation and emergency landing

Aircraft Registration:

Microlight Type: Rans Model: S6ES II

Total Time in Service: - Airframe: 267 Hours Engine: 267 Hours

Hours Since last Inspection: 17 Report date: 15/6/10

Reporter:	<input checked="" type="radio"/> Owner	<input type="radio"/> Inspector	<input type="radio"/> Safety Officer	<input type="radio"/> Other	<input type="checkbox"/> Circle One
Defect Type:	<input type="radio"/> Airframe	<input checked="" type="radio"/> Engine	<input type="radio"/> Instruments	<input type="radio"/> Other	
Location if Airframe:	<input type="radio"/> Fuselage	<input type="radio"/> Wings	<input type="radio"/> Tail	<input type="radio"/> Other	
Discovered During:	<input type="radio"/> Preflight	<input type="radio"/> Inspection	<input type="radio"/> Maintenance	<input checked="" type="radio"/> Flight	

Describe the defect in detail (attach photos if possible): Fuel Starvation resulting in emergency landing. White thread tape used in all metal-to-metal fuel fitting connections during construction. Material had partially dissolved and become lodged in the fuel filter housing prior to the fuel filter

Describe the effects (if any) of the defect on airworthiness: screen. Although screen had been regularly cleaned and inspected, blockage not noticed due to poor design of fuel filter housing. Blockage lodged inside housing, not visible unless disassembled.

Describe remedial action taken and by whom: All fuel lines replaced, fittings cleaned and sealed with locktite thread sealer, carbs cleaned and rebalanced. New design fuel filter fitted.