



Sport Aviation Corp Ltd

Microlight Aircraft Defect Report

Reporter's Name:

Address:

Elevator rod end seized

Aircraft Registration:

Microlight Type: ALP AVIATION PIONEER Model: PIONEER 200

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

Hours Since last Inspection: Report date:

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

Describe the defect in detail (attach photos if possible): *The rod end self aligning fitting, connecting the bell crank to the elevator had seized. Elevator movement was still possible by the machine screw (bolt!) turning in the bell crank. The alignment of the push rod exceeded the acceptable angle of the fitting preventing the fitting working properly. Corrosion was evident. This problem was very difficult to see without disassembling the components.*

Describe the effects (if any) of the defect on airworthiness: *There were no immediate effects on airworthiness but if left undetected could have caused cracks in the bell crank leading to loss of elevator control.*

Describe remedial action taken and by whom: *Replacement rod end fittings were fitted. Small spacing washers were placed by the fitting to prevent allow free movement. The fittings were lubricated. Work carried out by*