



# Sport Aviation Corp Ltd

## Microlight Aircraft Defect Report

Microlight Type: IBIS Model: GS-700 Magic

Total Time in Service: - Airframe: 655 Hours Engine: 655 Hours

Hours Since last Inspection: ~~55~~ 62 Report date: 3/10/2018

Reporter:	<input checked="" type="radio"/> Owner	<input type="radio"/> Inspector	<input type="radio"/> Safety Officer	<input type="radio"/> Other	<input checked="" type="radio"/> Circle One nose gear landing roll out
Defect Type:	<input checked="" type="radio"/> Airframe	<input 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 checked="" type="radio"/> Other	
Discovered During:	<input type="radio"/> Preflight	<input type="radio"/> Inspection	<input type="radio"/> Maintenance	<input type="radio"/> Flight	

Describe the defect in detail (attach photos and additional info as required): crystallised weld on nose gear failed at attachment of front fork to the knee joint arm. Photos show detail of weld and position relative to a (bent but complete) part for comparison

Describe the effects (if any) of the defect on airworthiness: collapsed onto the underside of the engine cowling damaging the firewall. Unflyable. Consequential damage to related parts.

Describe remedial action taken and by whom: Repairs by Tony Hansen, to be scheduled.

THE SAC TECHNICAL OFFICER ONLY - has assessed the above defect, approved remedial action and described below the outcome details for publication. (Add additional info as required)

To my knowledge and understanding the welding of this part has not been carried out appropriately and the failure was bound to happen, See owners statement above. It is my suggestion that all owners of this type A/C inspect the nose area immediately for cracks/corrosion

Signed: SAC Technical Officer: Gordon H L Swan  Date: 10 / 07 / 2019

SAC OFFICE USE ONLY:  
 Actioned by: \_\_\_\_\_ Signed: \_\_\_\_\_ Date: \_\_\_\_\_