



# Sport Aviation Corp Ltd

## Microlight Aircraft Defect Report

Microlight Type: Flysynthesis Model: Texan club.

Total Time in Service: - Airframe: 1300.6 Hours Engine: 1300.6 Hours

Hours Since last Inspection: 46.0 Report date: 30/9/2019

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

Describe the defect in detail (attach photos and additional info as required): plug came unscrewed out of rear end of crankshaft causing total loss of oil pressure. Rotax 912 IS, Serial No 4417091

Describe the effects (if any) of the defect on airworthiness: engine internal damage beyond repair.

Describe remedial action taken and by whom: engine Manufacturer informed of problem via aircraft manufacturer. Engine Replaced with new.

**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)

The above Defect/Problem report high lights an issue with the plug bolt fitted to the rear end of the crankshaft loosening, and the end result is a loss of nearly all the engine oil, and a shut down of the engine or seizure, resulting in an outlanding or worse. This plug is a sealed item and should only be disturbed by a qualified Technition/engineer. Any oil seen in this area should be investigated immediatly, and the leak rectified. At the present time this problem is in the hands of ther Engine manufacture Rotax

Signed: SAC Technical Officer: Gordon H L Swan *GHL Swan* Date : 02 / October / 2019

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