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Microlight Defect Report

DRP No: 1477891994

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☐ Check this box if you agree to the information below being published

Defect Details

Microlight type/model Skyfox Gazelle

Total Time in Service (hrs) 2100

Defect area Airframe/Engine/Controls/Flying surfaces/Undercarriage/etc

Describe the defect

New undercarriage suspension struts were ordered and fitted in April 2016 .These we supplied from Coastal Aviation in Queensland Australia.They have only been in service for six months and have failed.(Found collapse on the 27th October)The shock part is vulcanized rubber and it has not bonded to the steel part of the strut causing the suspension to collapse.(Fault in manufacturing process)

Describe the effect on airworthiness

Lucky for Feilding Flying Club members that the struts collapse while the aircraft was parked in the hangar and not in use on the runway.Aircraft is now not usable.Grounded until further notice.

Remedial action taken

Aircraft was immediately grounded and Coast Aviation notified.They seem to be aware that there was an issue with vulcanizing and are working on a solution.

