

**Aviation Safety Investigation Report
199003132**

Calair Skyfox

12 November 1990

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Investigations commenced on or before 30 June 2003, including the publication of reports as a result of those investigations, are authorised by the CEO of the Bureau in accordance with Part 2A of the Air Navigation Act 1920.

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NOTE: All air safety occurrences reported to the ATSB are categorised and recorded. For a detailed explanation on Category definitions please refer to the ATSB website at www.atsb.gov.au.

This accident was not formally investigated by the Bureau.

Occurrence Number: 199003132

Occurrence Type: Accident

Location: Boonah QLD

Date: 12 November 1990

Time: 230

Highest Injury Level: Nil

Injuries:

	Fatal	Serious	Minor	None
Crew	0	0	2	2
Ground	0	0	0	-
Passenger	0	0	0	0
Total	0	0	0	2

Aircraft Details: Calair Skyfox

Registration: AUF 55602

Serial Number:

Operation Type: Private

Damage Level: Substantial

Departure Point: Boonah QLD

Departure Time: 215

Destination: Boonah QLD

Approved for Release: 4th April 1991

Circumstances:

As the aircraft slowed after a normal landing the right main landing gear and then the left main landing gear collapsed. The aircraft skidded to a halt on the fuselage underside. Examination of the broken section from the right landing gear strut showed that overload failure had occurred around a welded joint, inboard of the suspension bungee attach point. The investigation has shown that the aircraft manufacturer had previously identified a problem with the strength of the tubing being used in this section of landing gear. The manufacturer advised that an interim modification had already been incorporated on the aircraft production line, which increased the wall thickness of the tubing. In the longer term, it was proposed to modify the strut design to increase its strength.