

**Aviation Safety Investigation Report  
199003121**

**Bellanca 8GCBC Scout**

**29 December 1990**

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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](http://www.atsb.gov.au).**



1. Forces applied during a previous accident probably initiated a compression failure in the timber of the rear spar.
2. Maintenance inspections in accordance with Airworthiness Directive AD/CHA/23 did not detect the failure because the AD did not require the area of the failure to be inspected.

**Reccomendations:**

The Bureau made a recommendation to the Civil Aviation Authority in the early stages of the investigation that Airworthiness Directive AD/CHA/23 should be revised to incorporate an inspection of the the whole spar. The Civil Aviation Authority issued an Airworthiness Advisory Circular article on 21 March 1991 and Amendment 1 to AD/CHA/23 on 16 May 1991.