

**Aviation Safety Investigation Report
198902550**

Beech A23-24

16 April 1989

Readers are advised that the Australian Transport Safety Bureau investigates for the sole purpose of enhancing transport safety. Consequently, Bureau reports are confined to matters of safety significance and may be misleading if used for any other purposes.

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.

Investigations commenced after 1 July 2003, including the publication of reports as a result of those investigations, are authorised by the CEO of the Bureau in accordance with the Transport Safety Investigation Act 2003 (TSI Act). Reports released under the TSI Act are not admissible as evidence in any civil or criminal proceedings.

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.

The deterioration and breakdown of transformer coil insulation in Bendix 1200 series magnetos due to aging is a known defect and the subject of a Bendix Service Bulletin 560A of September 1973. It is recommended that the Civil Aviation Authority consider issuing the contents of Bendix Service Bulletin 560A as an Airworthiness Directive.