

**Aviation Safety Investigation Report
199301878**

**Cessna Aircraft Company
Titan**

21 June 1993

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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 Executive Director 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.

The Bureau did not conduct an on scene investigation of this occurrence. The information presented below was obtained from information supplied to the Bureau.

Occurrence Number: 199301878 **Occurrence Type:** Incident
Location: Essendon
State: VIC **Inv Category:** 4
Date: Monday 21 June 1993
Time: 2030 hours **Time Zone** EST
Highest Injury Level: None

Aircraft Manufacturer: Cessna Aircraft Company
Aircraft Model: 404
Aircraft Registration: VH-WZL **Serial Number:** 404-0834
Type of Operation: Commercial Other
Damage to Aircraft: Nil
Departure Point: Essendon VIC
Departure Time: 2027 EST
Destination: Stawell VIC

Approved for Release: Tuesday, April 5, 1994

At 800 ft after takeoff the left engine suffered a complete power failure. After securing the engine the pilot carried out a successful asymmetric landing.

The engine was disassembled and the rear main bearing was found to have rotated in the case. This caused a loss of oil flow with subsequent overheating and metal contamination of the engine. The camshaft seized and failed causing loss of drive to the accessory drive train and total loss of power.

The cause of the rear main bearing failure was not found.