

**Aviation Safety Investigation Report
199300529**

**Cessna Aircraft Company
Titan**

29 January 1993

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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.

Occurrence Number: 199300529 **Occurrence Type:** Incident
Location: Ararat
State: VIC **Inv Category:** 4
Date: Friday 29 January 1993
Time: 1020 hours **Time Zone** ESuT
Highest Injury Level: None

Aircraft Manufacturer: Cessna Aircraft Company
Aircraft Model: 404
Aircraft Registration: VH-BPO **Serial Number:** 4040086
Type of Operation: Non-commercial Aerial Ambulance
Damage to Aircraft: Nil
Departure Point: Warrnambool VIC
Departure Time:
Destination: Ararat VIC

Approved for Release: Wednesday, May 26, 1993

In the circuit area at Ararat the landing gear failed to extend. After two attempts to recycle, both hydraulic flow lights illuminated indicating loss of hydraulic fluid. The aircraft returned to Essendon where the landing gear was extended by the emergency system and the aircraft landed safely.

Hydraulic oil was leaking from the right wing root area. Investigation showed that an aluminium high pressure pipe had fractured due to fatigue. The pipe was replaced with a flexible hose in accordance with a locally approved modification.