

**Aviation Safety Investigation Report
199501918**

**Airparts (NZ) Ltd
Fletcher**

27 June 1995

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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: 199501918 **Occurrence Type:** Accident
Location: 1km E Quirindi, Aerodrome
State: NSW **Inv Category:** 4
Date: Tuesday 27 June 1995
Time: 1200 hours **Time Zone** EST
Highest Injury Level: None

Aircraft Manufacturer: Airparts (NZ) Ltd
Aircraft Model: FU-24
Aircraft Registration: VH-SFL **Serial Number:** 154
Type of Operation: Commercial Aerial Agriculture - Other
Damage to Aircraft: Substantial
Departure Point: Quirindi NSW
Departure Time:
Destination: Quirindi NSW

Crew Details:

| Role | Class of Licence | Hours on Type | Hours Total |
|------------------|-------------------------|--------------------------|--------------------|
| Pilot-In-Command | Commercial | 300.0 | 3000 |

Approved for Release: Friday, July 7, 1995

The pilot reported that just prior to taking off during a spreading operation, a line squall had passed over the strip. Soon after becoming airborne the aircraft encountered an area of turbulence with associated sink, which it could not outclimb. Although the pilot attempted to dump the load of fertiliser to improve climb performance, the aircraft struck the ground in a level attitude and collided with a water pump, tearing the nose landing gear leg from the aircraft.

It was later determined that the fertiliser was damp, which adversely affected the dump capability of the aircraft.