

**Aviation Safety Investigation Report
199003103**

Bell 47 G5A

13 September 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.

Occurrence Number: 199003103 **Occurrence Type:** Accident

Location: Bungobine Stn (22 km N Mt Coolon) QLD

Date: 13 September 1990 **Time:** 1315

Highest Injury Level: Serious

Injuries:

	Fatal	Serious	Minor	None
Crew	0	1	0	0
Ground	0	0	0	-
Passenger	0	0	0	0
Total	0	1	0	0

Aircraft Details: Bell 47 G5A

Registration: VH-ORM

Serial Number: 25076

Operation Type: Aerial Work

Damage Level: Minor

Departure Point: 20 km W Collinsville QLD

Departure Time: 1250

Destination: 30 km NW Mt Coolon QLD

Approved for Release: 10th April 1991

Circumstances:

The aircraft departed with full fuel tanks and had been airborne for approximately 25 minutes when the engine lost power. The pilot sustained back injuries in the subsequent forced landing. The investigation revealed that a threaded union which connected a drain line to the bottom of the carburettor fuel bowl had unwound, causing the bowl to drain. The engine then lost power due to fuel starvation.

Significant Factors:

The following factors were considered relevant to the development of the accident

1. For reason(s) which could not be established, a drain line connected to the bottom of the carburettor fuel bowl had become loose, allowing fuel to leak from the bowl.
2. The engine lost power due to fuel starvation.