

Aviation Safety Investigation Report
198502569

Beech 58 Baron

03 December 1985

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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:	198502569				Occurrence Type:	Accident			
Location:	Collymongle Station (22 km NE Collarenebri) NSW								
Date:	03 December 1985				Time:	N/A			
Highest Injury Level:	Nil								
Injuries:									
		Fatal	Serious	Minor	None				
Crew	0	0	1	1					
Ground	0	0	0	-					
Passenger	0	0	0	0					
Total	0	0	0	0	1				

Aircraft Details: Beech 58 Baron
Registration: VH-SWT
Serial Number:
Operation Type: Charter
Damage Level: Substantial
Departure Point: Collymongle Station NSW
Departure Time: N/A
Destination: Port Macquarie NSW

Approved for Release: July 31st 1986

Circumstances:

As the aircraft was being rotated for take-off, the pilot detected a slight loss of performance from the right engine. He looked towards the engine and saw evidence of fire around the air intake on top of the cowling. The take-off was abandoned, both propellers were feathered and heavy braking was applied. The aircraft overran the strip and entered a very muddy field. The nosegear collapsed and the right engine was torn from its mounts before the aircraft came to rest 110 metres beyond the strip threshold. The pilot rapidly vacated the aircraft and waited for several minutes until rescuers arrived and extinguished the fire. The subsequent investigation did not reveal any evidence of a pre-impact fire, and all fire damage was found to have occurred after the aircraft had come to rest. No positive reason for the reported power loss was established, however tests showed that the spark from the magnetos was weaker than normal. At the point where the take-off attempt was abandoned, insufficient strip length remained in which to stop the aircraft.