

Aviation Safety Investigation Report 198602305

Rockwell S-2R

24 January 1986

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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: 198602305

Location: 15 km ESE Griffith NSW

Date: 24 January 1986

Highest Injury Level: Nil

Injuries:

Occurrence Type: Accident

Time: 959

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

Aircraft Details: Rockwell S-2R

Registration: VH-LGG

Serial Number:

Operation Type: Aerial Work (Agricultural spreading)

Damage Level: Substantial

Departure Point: 16 km East Griffith NSW

Departure Time: 0959

Destination: 16 km East Griffith NSW

Approved for Release: April 16th 1986

Circumstances:

Shortly after an apparently normal take-off, engine power was lost and the pilot was committed to a landing straight ahead. Initial touchdown was in a flooded rice paddy, and the aircraft then struck a levy bank and ran through a fence, coming to rest inverted in an adjoining dry paddock. Investigation revealed that one cylinder head had become detached from the engine and had removed a section of the inlet manifold. The cylinder head had failed as a result of fatigue cracking which had commenced at the edge of an exhaust valve insert.