

**Aviation Safety Investigation Report
198602650**

Cessna 182Q

19 May 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: 198602650

Occurrence Type: Accident

Location: Cooks Well Outstation, 55km NW of Durham Downs QLD

Date: 19 May 1986

Time: N/A

Highest Injury Level: Minor

Injuries:

	Fatal	Serious	Minor	None
Crew	0	0	0	0
Ground	0	0	0	-
Passenger	0	0	1	0
Total	0	0	2	0

Aircraft Details: Cessna 182Q

Registration: VH-URO

Serial Number:

Operation Type: Private (Cattle Spotting)

Damage Level: Substantial

Departure Point: Cooks Well Outstation QLD

Departure Time: N/A

Destination: Cooks Well QLD

Approved for Release: August 21st 1986

Circumstances:

The pilot had only recently arrived in the area and had not operated from this strip previously. On his first take-off from the strip he decided to employ a short field technique and lifted the aircraft off the ground at 50 knots. The aircraft became airborne after a ground roll of about 250 metres but after travelling a further 110 metres the wingtip struck the ground, the aircraft landed heavily and ran off the side of the strip. The pilot continued with the attempted take-off and the aircraft travelled a further 325 metres before the take-off was abandoned when the aircraft struck trees. The Pilot's Operating Handbook gives the climb speed after a short field takeoff as 57 knots. The prevailing wind at the time was a crosswind from the right and the pilot believes he may have encountered some tailwind component during the take-off. This combined with a lower than recommended climb speed probably resulted in the aircraft stalling before contacting the ground. After the aircraft had run off the strip it was travelling downwind over soft ground and thus would have required a higher groundspeed than that probably expected by the pilot before it became airborne.