

**Aviation Safety Investigation Report
198700107**

Cessna C210 L

23 September 1987

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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: 198700107
Location: Kununurra WA
Date: 23 September 1987
Highest Injury Level: Nil
Injuries:

Occurrence Type: Accident

Time: 1833

	Fatal	Serious	Minor	None
Crew	0	0	1	1
Ground	0	0	0	-
Passenger	0	0	0	2
Total	0	0	0	3

Aircraft Details: Cessna C210 L
Registration: VH-MHC
Serial Number: 210-59610
Operation Type: Aerial Work (Check Flight)
Damage Level: Substantial
Departure Point: Kununurra WA
Departure Time: 1655
Destination: Kununurra WA

Approved for Release: March 11th 1988

Circumstances:

The main gear uplock assembly had just been fitted with a new seal and the aircraft was flown to ensure the correct operation of the system. The gear retracted normally but could not be lowered and a gear up landing was made. Inspection revealed that the unit had been incorrectly reassembled after the seal was changed. The maintenance had been performed by an unlicensed engineer who had not previously completed a similar task. When carrying out the work he did not refer to either the aircraft maintenance manual or a licensed engineer. On completion of the job no retraction tests were carried out. The engineer believed that the work he had performed would only effect the operation of the gear doors, and not the retraction and extension of the landing gear.