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Aviation Safety Investigation Report 198600712

Cessna 310R

17 October 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: 198600712 Occurrence Type: Accident

Location: Parafield SA

Date: 17 October 1986 **Time:** 1713

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	1

Aircraft Details: Cessna 310R **Registration:** VH-DZH

Serial Number:

Operation Type: Charter-Carriage of Freight

Damage Level: Substantial **Departure Point:** Ceduna SA **Departure Time:** 1713

Destination: Streaky Bay SA

Approved for Release: June 5th 1987

Circumstances:

On arrival in the circuit area at Streaky Bay the pilot selected the gear down and obtained an instrument indication that the gear was locked down. While the aircraft was on final approach it encountered turbulence and the gear warning horn sounded, the gear unlocked indicator light illuminated and the nosegear down light extinguished. The pilot initiated a go-around and after unsuccessful attempts to obtain a gear locked down indication, diverted the aircraft to Parafield. On landing at Parafield the nosegear collapsed. Inspection of the nosegear revealed that the bolt which secures the nosegear retraction linkage to the drag brace had failed in the thread area due to fatigue. It is evident that the bolt failed and partially withdrew in the circuit area at Streaky Bay, giving rise to the unsafe gear condition.