

**Aviation Safety Investigation Report
198903747**

Cessna 185-F

29 January 1989

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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: 198903747
Location: Townsville QLD
Date: 29 January 1989
Highest Injury Level: Nil
Injuries:

Occurrence Type: Accident

Time: 1849

	Fatal	Serious	Minor	None
Crew	0	0	1	1
Ground	0	0	0	-
Passenger	0	0	0	3
Total	0	0	0	4

Aircraft Details: Cessna 185-F
Registration: VH-KGT
Serial Number: 185-04304
Operation Type: Private
Damage Level: Substantial
Departure Point: Dunk Island QLD
Departure Time: N/K
Destination: Townsville QLD

Approved for Release: 29th August 1989

Circumstances:

The pilot reported that during the latter part of the landing roll the aircraft ground looped to the left. The right mainplane and right tailplane were bent upward. Inspection of the aircraft revealed that the right maingear had become detached due to the partial shear of the leg attach bolt and nut threads. This was probably due to the abnormally high loads experienced by the bolt when the pre-load ceased to exist.

Significant Factors:

The following factor was considered relevant to the development of the accident

1. Inadequate maintenance during the fitment of the leg attach bolt.