Aviation Safety Investigation Report 198703487

Mitsubishi MU-2B-25K

14 July 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: 198703487 **Occurrence Type:** Accident
Location: Toowoomba QLD
Date: 14 July 1987 **Time:** N/K
Highest Injury Level: Nil
Injuries:

	Fatal	Serious	Minor	None
Crew	0	0	1	1
Ground	0	0	0	-
Passenger	0	0	0	6
Total	**0**	**0**	**0**	**7**

Aircraft Details: Mitsubishi MU-2B-25K
Registration: VH-MUK
Serial Number: 310
Operation Type: Charter (Passenger)
Damage Level: Substantial
Departure Point: Moomba SA
Departure Time: N/K
Destination: Toowoomba QLD

Approved for Release: September 28th 1987

Circumstances:

The pilot stated that the wind was blowing directly across the strip and he joined the circuit for a landing on runway 29. He reported that when the aircraft was on final approach it encountered a significant tailwind, and a missed approach was carried out, followed by a "tear-drop" style turn to align the aircraft on final for runway 11. The pilot stated that after touching down on the mainwheels, the nosewheel was lowered and he heard a bang before the nose of the aircraft contacted the runway. The aircraft slid along the runway before coming to rest just off the sealed surface. An inspection of the landing gear assembly revealed that the nosegear downlock linkage failed due to overload forces causing the nosegear to retract. The landing gear mechanism was also bent by overload forces. No evidence could be found to indicate that defects in the landing gear system existed prior to this landing. The nature of the failure of the nosegear is consistent with heavy nosewheel runway contact.