

**Aviation Safety Investigation Report
198602322**

Cessna 402 C

26 March 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: 198602322
Location: Bankstown NSW
Date: 26 March 1986
Highest Injury Level: Nil
Injuries:

Occurrence Type: Accident

Time: 1310

	Fatal	Serious	Minor	None
Crew	0	0	2	2
Ground	0	0	0	-
Passenger	0	0	0	2
Total	0	0	0	4

Aircraft Details: Cessna 402 C
Registration: P2-SIR
Serial Number:
Operation Type: Miscellaneous - Test Flight
Damage Level: Substantial
Departure Point: Bankstown NSW
Departure Time: 1310
Destination: Bankstown NSW

Approved for Release: November 17th 1986

Circumstances:

The aircraft was undergoing its first flight following an accident in which the landing gear had been torn off. As the gear was selected up after take-off, a loud bang was heard and shortly afterwards the low hydraulic pressure warning light illuminated. The crew observed that the nosegear was in a partially extended position, and all attempts to raise or lower it to a locked position were unsuccessful. Touchdown was made on the mainwheels and the aircraft slid to a halt on its nose when the nosegear collapsed. The nosegear doors were found to be incorrectly rigged, and the hydraulic system relief valve had been set to a higher than recommended pressure. An hydraulic line had burst, and the consequent loss of pressure prevented the nosegear from extending or retracting. The emergency gear lowering system had failed to operate when a retaining clamp did not prevent the actuating cable assembly from slipping.