

**Aviation Safety Investigation Report  
198700737**

**Piper PA28-181**

**11 July 1987**

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Investigations commenced on or before 30 June 2003, including the publication of reports as a result of those investigations, are authorised by the CEO of the Bureau in accordance with Part 2A of the Air Navigation Act 1920.

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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](http://www.atsb.gov.au).**

**Occurrence Number:** 198700737  
**Location:** Alice Springs NT  
**Date:** 11 July 1987  
**Highest Injury Level:** Nil  
**Injuries:**

**Occurrence Type:** Accident

**Time:** 1108

	Fatal	Serious	Minor	None
Crew	0	0	1	1
Ground	0	0	0	-
Passenger	0	0	0	3
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4</b>

**Aircraft Details:** Piper PA28-181  
**Registration:** VH-TXN  
**Serial Number:** 28-7690111  
**Operation Type:** Private (Pleasure)  
**Damage Level:** Substantial  
**Departure Point:** Oodnadatta SA  
**Departure Time:** 900  
**Destination:** Alice Springs NT

**Approved for Release:** November 10th 1987

**Circumstances:**

After touchdown the aircraft bounced back into the air and the pilot then raised the flap to the fully retracted position. The aircraft contacted the runway nosewheel first, bounced again and landed on its nosewheel for the second time. The nosegear subsequently failed and the aircraft skidded straight ahead and came to rest on the runway. The pilot had been advised by an instructor, on the day he left on this trip, to use an approach speed of 80 knots. However, the Piper Operating Instructions for this aircraft recommends an approach speed of 66 knots. The aircraft was flared at 80 knots and ballooned. The pilot said that he was uncertain about landing at a major airport and apprehensive about this landing because of the possibility of wake turbulence from a Boeing 727, which had departed five minutes previously. This accident was not the subject of an on-site investigation.