

**Aviation Safety Investigation Report
199500872**

**Boeing Co
B727**

13 March 1995

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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: 199500872 **Occurrence Type:** Incident
Location: Melbourne
State: VIC **Inv Category:** 4
Date: Monday 13 March 1995
Time: 1945 hours **Time Zone** ESuT
Highest Injury Level: None

Aircraft Boeing Co
Manufacturer:
Aircraft Model: 727-277
Aircraft Registration: VH-ANE **Serial** 89358
Number:
Type of Operation: Air Transport Domestic High Capacity Passenger
Scheduled
Damage to Aircraft: Nil
Departure Point: Adelaide SA
Departure Time:
Destination: Melbourne VIC

Approved for Release: Friday, May 19, 1995

On approach into Melbourne the landing gear was selected to the down position for landing. The usual thump of the nose gear uplock unlatching and subsequent air noise was not evident. The nose landing gear had not unlocked and only two green indicator lights illuminated for the main gears. The aircraft was vectored away from the circuit where a manual gear extension procedure succeeded in lowering the nose gear.

The aircraft returned for a normal landing.

Investigation disclosed that a bush on the nose landing gear drag brace had seized. The aircraft's normal landing gear extension system was unable to overcome the drag created by the siezed bush. It is suspected that inadequate lubrication or excessive washing out of the lubricant was responsible for the bush seizing.

A fleet check was carried out, however, all other bushes were found to be satisfactory.

