

**Aviation Safety Investigation Report
199805887**

**Douglas Aircraft Co Inc
DC9-33F**

09 December 1998

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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: 199805887 **Occurrence Type:** Incident
Location: Melbourne, Aerodrome
State: VIC **Inv Category:** 4
Date: Wednesday 09 December 1998
Time: 2340 hours **Time Zone** ESuT
Highest Injury Level: None

Aircraft Manufacturer: Douglas Aircraft Co Inc
Aircraft Model: DC9-33F
Aircraft Registration: VH-IPF **Serial Number:** 47408
Type of Operation: Air Transport Cargo Domestic High Capacity Scheduled
Damage to Aircraft: Minor
Departure Point: Unknown
Departure Time:
Destination: Melbourne Vic.

Approved for Release: Monday, January 18, 1999

The DC9 freighter crew performed a missed approach to Melbourne runway 27 when they did not get a landing gear safe indication after gear extension. The crew carried out a manual extension of the gear and obtained the safe indication, then proceeded to a safe landing.

Because the landing gear doors remain open after manual extension the crew stopped the aircraft on the runway to allow engineers to secure the doors.

This was the second of three similar events (refer BASI occurrences 9805884 and 9805886). After two failed attempts to re-rig the landing gear system it was found that normal extension could only be achieved if the system was rigged outside of maintenance manual tolerances. The mis-rig problem has been referred to the aircraft manufacturer and the aircraft was cleared for flight.

The aircraft has subsequently operated satisfactorily

