

**Aviation Safety Investigation Report
199403217**

**Douglas Aircraft Co Inc
Dakota**

01 November 1994

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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.

The Bureau did not conduct an on scene investigation of this occurrence. The information presented below was obtained from information supplied to the Bureau.

Occurrence Number: 199403217 **Occurrence Type:** Incident
Location: Kingscote
State: SA **Inv Category:** 4
Date: Tuesday 01 November 1994
Time: 0935 hours **Time Zone** CSuT
Highest Injury Level: None

Aircraft Manufacturer: Douglas Aircraft Co Inc
Aircraft Model: DC3C-S1C3G
Aircraft Registration: VH-BPN **Serial Number:** 44-76613
Type of Operation: Charter Passenger
Damage to Aircraft: Minor
Departure Point: Adelaide SA
Departure Time: 0849 CSuT
Destination: Kingscote SA

Crew Details:

| Role | Class of Licence | Hours on | |
|----------------------|-------------------------|-----------------|--------------------|
| | | Type | Hours Total |
| Pilot-In-Command | ATPL 1st Class | 300.0 | 6300 |
| Co-Pilot/1st Officer | | 150.0 | 1500 |

Approved for Release: Tuesday, February 13, 1996

The aircraft landed into a very strong wind, and as the tail was being lowered during the landing roll a change in the wind direction violently lifted the left wing. The pilot used full corrective aileron and rudder but could not prevent the aircraft from veering off the right side of the strip or the right wingtip touching the ground. He then applied full asymmetric power to straighten the aircraft, and after regaining control took-off again, returning for a safe landing.

After taxiing to the terminal the pilot-in-command and co-pilot inspected the wingtip and aileron for damage, and checked the controls for full and free movement. They both believed that only superficial damage had occurred and that the aircraft was airworthy. Subsequent investigation revealed that the outboard aileron hinge mounting had been displaced.