

**Aviation Safety Investigation Report
199801584**

**de Havilland Canada
Dash 8**

05 May 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: 199801584 **Occurrence Type:** Incident
Location: 172km S Moomba, Aerodrome
State: SA **Inv Category:** 4
Date: Tuesday 05 May 1998
Time: 1113 hours **Time Zone** CST
Highest Injury Level: None

Aircraft Manufacturer: de Havilland Canada
Aircraft Model: DHC-8-315
Aircraft Registration: VH-JSQ **Serial Number:** 399
Type of Operation: Air Transport Charter Domestic Passenger Scheduled
Damage to Aircraft: Nil
Departure Point: Moomba SA
Departure Time: 1045 CST
Destination: Adelaide SA

Crew Details:

Role	Class of Licence	Hours on	
		Type	Hours Total
Pilot-In-Command	ATPL	3500.0	8900

Approved for Release: Wednesday, May 27, 1998

While returning to Adelaide from Moomba, the crew of a Dash 8 detected smoke coming from around the weather radar. They immediately turned off the equipment, donned oxygen masks and made a PAN call requesting RFF services to be placed on standby. To dissipate the smoke, the crew requested a descent to 10,000 feet where the aircraft was depressurised and the forward outflow valve was opened. After ensuring that there was no smoke or flame coming from the radar unit, the crew made the decision to continue to their destination and briefed the passengers accordingly. Upon arrival in Adelaide the aircraft made a normal approach and an uneventful landing. The flight attendants were later sent for medical attention due to the effects of smoke inhalation. Maintenance investigation by the operator traced the fault to the radar indicator unit. This was replaced and the aircraft returned to service.