

**Aviation Safety Investigation Report
199703792**

**Cessna Aircraft Company
C150**

17 November 1997

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The aircraft's left and right fuel tanks were vented through a vent line connected to the left fuel tank. The vent line is fitted with a vent valve. However, the right fuel tank also had a vented cap. The subsequent engineering inspection found that the vent line valve had deteriorated and was sticking closed. It is likely that the vent valve had stuck closed at some point during the flight. The right tank probably fed quicker than the left tank due to it venting correctly through the vented cap. When the right tank contents had been exhausted, the low air pressure in the left tank probably created an insufficient head of fuel to feed the engine.

A defect report has been submitted to CASA by the operator's engineering organisation, recommending that both fuel tanks be fitted with vented fuel caps.

