

# **Aviation Safety Investigation Report 199001974**

**De Havilland DH 82**

**02 March 1990**

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Investigations commenced on or before 30 June 2003, including the publication of reports as a result of those investigations, are authorised by the CEO of the Bureau in accordance with Part 2A of the Air Navigation Act 1920.

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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](http://www.atsb.gov.au).**

This accident was not formally investigated by the Bureau.

**Occurrence Number:** 199001974      **Occurrence Type:** Accident  
**Location:** Smarden United Kingdom  
**Date:** 02 March 1990      **Time:** 1152  
**Highest Injury Level:** Nil  
**Injuries:**

	Fatal	Serious	Minor	None
Crew	0	0	1	1
Ground	0	0	0	-
Passenger	0	0	0	0
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>

**Aircraft Details:** De Havilland DH 82  
**Registration:** VH-HPH  
**Serial Number:** 1375  
**Operation Type:** Private  
**Damage Level:** Substantial  
**Departure Point:** Binbrook United Kingdom  
**Departure Time:** 1030  
**Destination:** Lydd United Kingdom

**Approved for Release:** 24th May 1991

**Circumstances:**

Whilst cruising at 2000 feet the propeller separated from the engine, damaging the upper starboard wing leading edge. During the ensuing forced landing further damage was sustained to the landing gear and elevator. Investigation revealed the crankshaft had suffered a fatigue failure, causing the propeller to separate from the engine. The pilot reported the crankshaft had been in service for 150 hours and that all recommended modifications had been incorporated.