

# DH82A Tiger Moth, G-ANEN

<b>AAIB Bulletin No:</b> 5/2003	<b>Ref:</b> EW/G2003/03/13	<b>Category:</b> 1.3
<b>Aircraft Type and Registration:</b>	DH82A Tiger Moth, G-ANEN	
<b>No &amp; Type of Engines:</b>	1 De Havilland Gipsy Major 1H piston engine	
<b>Year of Manufacture:</b>	1942	
<b>Date &amp; Time (UTC):</b>	17 March 2003 at 1545 hrs	
<b>Location:</b>	Chichester (Goodwood)	
<b>Type of Flight:</b>	Private	
<b>Persons on Board:</b>	Crew - 1	Passengers - 1
<b>Injuries:</b>	Crew - None	Passengers - N/A
<b>Nature of Damage:</b>	Left wing fabric torn	
<b>Commander's Licence:</b>	Private Pilot's Licence	
<b>Commander's Age:</b>	63 years	
<b>Commander's Flying Experience:</b>	346 hours (of which 168 were on type)	
	Last 90 days - 8 hours	
	Last 28 days - 5 hours	
<b>Information Source:</b>	Aircraft Accident Report Form submitted by the pilot	

The pilot had checked the magnetos prior to takeoff and found both the left and right systems to be working normally. Passing 400 feet, in the climb on his third circuit from Runway 14, the engine RPM reduced from its normal 2,000 RPM to less than 1,600 RPM. The pilot was unable to maintain level flight so elected to turn left and carry out a forced landing on grass Runway 24. The aircraft landed well down the runway and as it decelerated the pilot applied full left rudder to avoid a possible overrun. This action however, caused the left lower wing to strike a runway marker before the aircraft stopped.

A check of the right magneto after the accident revealed a decrease in engine RPM outside the normal limits, however this alone would not explain the power loss. Changing the associated spark plugs resolved the problem.