

**ACCIDENT**

<b>Aircraft Type and Registration:</b>	DH82A Tiger Moth, G-AOHY	
<b>No &amp; Type of Engines:</b>	1 De Havilland Gipsy Major MK 10-1 piston engine	
<b>Year of Manufacture:</b>	1939 (Serial no: 3850)	
<b>Date &amp; Time (UTC):</b>	17 July 2016 at 1615 hrs	
<b>Location:</b>	Wickenby Aerodrome, Lincolnshire	
<b>Type of Flight:</b>	Private	
<b>Persons on Board:</b>	Crew - 1	Passengers - None
<b>Injuries:</b>	Crew - None	Passengers - N/A
<b>Nature of Damage:</b>	Propeller blades, wings, engine cowling and empennage	
<b>Commander's Licence:</b>	Commercial Pilot's Licence	
<b>Commander's Age:</b>	58 years	
<b>Commander's Flying Experience:</b>	3,050 hours (of which 25 were on type) Last 90 days - 15 hours Last 28 days - 7 hours	
<b>Information Source:</b>	Aircraft Accident Report Form submitted by the pilot	

The pilot/owner, who used the aircraft regularly from the strip, reported that the engine started without difficulty and the magneto checks were normal. Power was applied for takeoff on the grass strip adjacent to Runway 21. During the takeoff the pilot became aware that the aircraft was not accelerating or climbing. After briefly becoming airborne the aircraft settled into a wheat crop just beyond the Runway 16/34 intersection and pitched over inverted. The pilot speculated that the engine may have been producing insufficient power. He considered a mechanical failure to be unlikely in view of the easy starting and satisfactory magneto checks, but considered the possibility of carburettor icing following five minutes ground running at idle power, or that he may not have applied full power due to a stiff throttle linkage.