

**ACCIDENT**

<b>Aircraft Type and Registration:</b>	Bristell NG5 Speed Wing, G-GARD	
<b>No &amp; Type of Engines:</b>	1 Jabiru 3300 piston engine	
<b>Year of Manufacture:</b>	2014 (Serial no: LAA 385-15269)	
<b>Date &amp; Time (UTC):</b>	15 April 2015 at 1010 hrs	
<b>Location:</b>	Field in Nutfield, near Redhill Aerodrome, Surrey	
<b>Type of Flight:</b>	First flight of newly built aircraft	
<b>Persons on Board:</b>	Crew - 1	Passengers - None
<b>Injuries:</b>	Crew - None	Passengers - N/A
<b>Nature of Damage:</b>	Damaged beyond economic repair	
<b>Commander's Licence:</b>	Private Pilot's Licence	
<b>Commander's Age:</b>	55 years	
<b>Commander's Flying Experience:</b>	800 hours (of which 150 were on type) Last 90 days - 6 hours Last 28 days - 6 hours	
<b>Information Source:</b>	Aircraft Accident Report Form submitted by the pilot and subsequent AAIB enquiries	

This was the aircraft's first flight. The pilot carried out engine ground runs, then performed fast taxi runs, selecting each fuel tank and checking the engine with and without carb heat applied. Prior to takeoff, he selected the carb heat on and turned on the electric fuel pump. The takeoff and climb out were uneventful, and at 1,000 ft he switched off the fuel boost pump. He reported downwind for a low approach and go-around but, shortly afterwards, the engine stopped suddenly. The pilot selected the other fuel tank and turned the electric fuel pump on, but was unable to restart the engine. He could not make the airfield and so he elected to land in a small field. The landing was hard and the aircraft came to a stop before the trees at the end of the field. The pilot exited without injury.

The engine was inspected by an engineer experienced on the engine type. The engine was removed and ran satisfactorily on a test rig after new coils were fitted. It was not possible to determine conclusively why the engine had stopped, but fuel starvation or double coil failure were considered possible causes.