

ACCIDENT

Aircraft Type and Registration:	Grob G115E Tutor, G-BYYB	
No & Type of Engines:	1 Lycoming AEIO-360-B1F piston engine	
Year of Manufacture:	2001	
Date & Time (UTC):	11 December 2007 at 1158 hrs	
Location:	RAF Cosford, Shropshire	
Type of Flight:	Training	
Persons on Board:	Crew - 1	Passengers - None
Injuries:	Crew - None	Passengers - N/A
Nature of Damage:	Nose leg collapsed, propeller blades broken, engine shock-loaded, mounting frame and cowlings damaged	
Commander's Licence:	Student pilot	
Commander's Age:	20 years	
Commander's Flying Experience:	15 hours (all of which were on type) Last 90 days - 1 hour Last 28 days - 1 hour	
Information Source:	Aircraft Accident Report Form submitted by the instructor	

Synopsis

On her first solo flight, the student pilot performed a touchdown reported as 'firm and nosewheel first' and, on the subsequent landing, the nose leg collapsed.

go-around with the student now 'quite shaken'. The third landing was reported as 'firm and nosewheel first', resulting in damage to the nosewheel spat.

History of the flight

The student pilot was on her first solo flight, having just completed a 50 minute dual sortie in the circuit, which was assessed as being of a 'high average' standard. She was briefed to carry out one normal circuit and landing and her instructor was observing from the control tower, in radio contact. The first landing was firm, followed by a slight bounce, and the pilot elected to go around. The next landing resulted in a significant bounce and

The instructor told the student to go around again and fly the circuit pattern in order to settle down, also allowing the broken spat to be recovered from the runway. Then, setting up the student for a final approach, he watched as the fourth landing was long and slightly fast, concluding with the nose leg collapsing and the aircraft coming to rest on the grass to the left of the runway. The student pilot evacuated the aircraft without difficulty and was taken to the medical centre.

The instructor was of the opinion that, flustered by the first two bad landings, his student had failed to round out on the third and damaged the nose landing gear structure, which collapsed on the fourth landing.