

Grob G115E, G-BYWL, 17 April 2002 at 1040 hrs

AAIB Bulletin No: 8/2002	Ref: EW/G2002/04/17	Category: 1.3
Aircraft Type and Registration:	Grob G115E, G-BYWL	
No & Type of Engines:	1 Lycoming AEIO-360-B1F piston engine	
Year of Manufacture:	2000	
Date & Time (UTC):	17 April 2002 at 1040 hrs	
Location:	RAF Woodvale, Merseyside	
Type of Flight:	Training	
Persons on Board:	Crew - 2	Passengers - None
Injuries:	Crew - None	Passengers - N/A
Nature of Damage:	Damage to landing gear, tailskid and engine mounting frame	
Commander's Licence:	Royal Air Force Qualified Flying Instructor (QFI)	
Commander's Age:	30 years	
Commander's Flying Experience:	2,284 hours (of which 296 were on type)	
	Last 90 days - 86 hours	
	Last 28 days - 26 hours	
Information Source:	Aircraft Accident Report Form submitted by the pilot	

The student was being instructed on his first circuit detail. The weather was good, with a surface wind of 150°/ 10 kt, and Runway 22 was in use. For the eighth circuit, the student had been briefed to carry out a go-around when instructed by his instructor.

At approximately 20 feet agl, the instructor ordered the go-around but the student pushed the control column forward and the rate of descent increased. The instructor immediately took control, applied full power and selected a nose-up attitude. However, the aircraft struck the ground firmly in a level attitude and bounced back into the air. The instructor decided to land back onto the runway and, as he taxied off the runway, the left foot brake was found to be ineffective from both sides of the cockpit. Once clear of the runway, the aircraft was brought to rest and the engine shut down.