

Grob G115E, G-BYUE

AAIB Bulletin No: 12/2001 Ref: EW/G2001/09/34

Category: 1.3

Aircraft Type and Registration:	Grob G115E, G-BYUE	
No & Type of Engines:	1 Lycoming AEI0-360-B1F piston engine	
Year of Manufacture:	1999	
Date & Time (UTC):	25 September 2001 at 1040 hrs	
Location:	RAF College, Cranwell	
Type of Flight:	Training	
Persons on Board:	Crew - 2	Passengers - None
Injuries:	Crew - None	Passengers - N/A
Nature of Damage:	Damage to propeller blades, nose landing gear, engine mounting frame and fuselage	
Commander's Licence:	Military	
Commander's Age:	33 years	
Commander's Flying Experience:	1,691 hours (of which 48 were on type)	
	Last 90 days - Not Known	
	Last 28 days - Not Known	
Information Source:	Aircraft Accident Report Form submitted by the pilot	

Following an uneventful basic instructional exercise the student QFI flew a normal visual circuit and approach to land on the right side of grass Runway 09. The weather was fine with a calm surface wind.

The final approach was flown at a slightly steeper angle than normal with the speed 3 to 5 kt above the target speed of 70 kt. By the time the landing flare was commenced, some 500 feet beyond the threshold, the speed had reduced to 70 kt. The pilot delayed raising the nose of the aircraft into the landing attitude to avoid 'ballooning' and allowed the aircraft, to touch down simultaneously on all three wheels and to bounce. He then instinctively moved the control column forward allowing the nose wheel the strike the ground. At the same time he announced to his instructor 'PIO!' (pilot induced oscillation), smoothly applied full power and initiated a go-around. Believing that the

propeller had struck the ground during the bounce the instructor took control of the aircraft at a height of approximately 5 feet, and with some 1,600 feet of grass remaining, closed the throttle and landed straight ahead. The aircraft decelerated to taxi speed with 500 feet of runway remaining. The aircraft cleared the runway and taxied to dispersal without further incident.