

Grob G115E Tutor, G-BYWB

AAIB Bulletin No: 7/2003	Ref: EW/G2003/03/25	Category: 1.3
Aircraft Type and Registration:	Grob G115E Tutor, G-BYWB	
No & Type of Engines:	1 Lycoming AEIO-360-B1F piston engine	
Year of Manufacture:	2000	
Date & Time (UTC):	9 March 2003 at 1340 hrs	
Location:	Colerne, Wiltshire	
Type of Flight:	Training	
Persons on Board:	Crew - 1	Passengers - 1
Injuries:	Crew - None	Passengers - None
Nature of Damage:	Propeller tip damage, engine shock loaded	
Commander's Licence:	Licence not required (see below)	
Commander's Age:	58 years	
Commander's Flying Experience:	4,200 hours (of which 250 were on type)	
	Last 90 days - 29 hours	
	Last 28 days - 19 hours	
Information Source:	Aircraft Accident Report Form submitted by the pilot	

As the aircraft approached Runway 19 at Colerne Airfield for a touch and go, the surface wind was 210°/25 kt, gusting to 37 kt. (The RAF operates the Grob 115 to a crosswind limit of 25 kt.) The aircraft landed firmly on the main landing gear and pitched forward onto the nosewheel. Power was applied and the touch and go completed with the aircraft landing, as originally planned, off the next approach. A pre-flight inspection three days later found scrape damage on two of the three propeller blades and the engine was subsequently replaced due to shockloading.

Article 21 of *'The Air Navigation Order 2000'* states that a person may act as a member of the flight crew of an aircraft registered in the United Kingdom without being the holder of an appropriate licence if, in doing so, he is acting in the course of his duty as a member of any of Her Majesty's naval, military or air forces. The pilot of G-BYWB was a Royal Air Force officer on duty.