

Allinson Streak Shadow, G-BTGT

AAIB Bulletin No: 5/2002	Ref: EW/G2002/03/24	Category: 1.3
Aircraft Type and Registration:	Allinson Streak Shadow, G-BTGT	
No & Type of Engines:	1 Rotax 582 piston engine	
Year of Manufacture:	1991	
Date & Time (UTC):	29 March 2002 at 1500 hrs	
Location:	Walkeridge Farm, Hampshire	
Type of Flight:	Private	
Persons on Board:	Crew - 1	Passengers - None
Injuries:	Crew - None	Passengers - N/A
Nature of Damage:	Damage to nose and right main landing gear	
Commander's Licence:	Private Pilots Licence	
Commander's Age:	41 years	
Commander's Flying Experience:	256 hours (of which 23 were on type)	
	Last 90 days - 7 hours	
	Last 28 days - 2 hours	
Information Source:	Aircraft Accident Report Form submitted by the pilot	

The aircraft was landing on the grass Runway 03 at Walkeridge Farm after a short local flight. Previously, the pilot had successfully carried out two dual circuits and landings with a check pilot, and this was to have been his first solo landing at the airstrip.

The pilot reported that the approach was stable at the desired approach speed of 55 kt. Runway 03 has an upslope in the first section. The aircraft passed over the trees at the runway threshold at a height of about 50 feet. The pilot lowered the nose slightly and the rate of descent increased rapidly. He applied full nose up elevator but was unable to arrest the rate of descent before impact with the runway surface. The nose and right main landing gears failed immediately upon touchdown. The aircraft slid along for a few yards before coming to a halt. The pilot completed the shutdown checks and vacated the aircraft normally.

The pilot considered that the high rate of descent may have been due to overcontrol in pitch, although there was also a possibility that he may have encountered some unexpected sink as the aircraft passed over the trees. There was a slight tailwind on the approach. The pilot did not apply full power, which could possibly have helped the situation. He also indicated that his inexperience of the airstrip and his concerns over the upslope may also have been factors.