

Jabiru UL-450, G-LYPG

AAIB Bulletin No: 11/2003	Ref: EW/G2003/09/14	Category: 1.3
Aircraft Type and Registration:	Jabiru UL-450, G-LYPG	
No & Type of Engines:	1 Jabiru 2200A piston engine	
Year of Manufacture:	1999	
Date & Time (UTC):	15 September 2003 at 1155 hrs	
Location:	Halwell, South Devon	
Type of Flight:	Private	
Persons on Board:	Crew - 1	Passengers - 1
Injuries:	Crew - None	Passengers - None
Nature of Damage:	Nosewheel collapsed and damage to propeller	
Commander's Licence:	Private Pilot's Licence (Group D)	
Commander's Age:	59 years	
Commander's Flying Experience:	183 hours (of which 97 were on type)	
	Last 90 days - 8 hours	
	Last 28 days - 2 hours	
Information Source:	Aircraft Accident Report Form submitted by the pilot	

The pilot had planned a pleasure flight to Halwell, near Dartmouth. He departed his home strip at Edington, Wiltshire, at 1100 hrs with his passenger and landed shortly thereafter at Compton Abbas for refreshments and to refuel. He took off again at 1200 hrs to fly to Halwell, via Lyme Regis and Exmouth. The weather was clear and sunny, with nil wind.

On arrival at Halwell, the pilot decided to land on Runway 27, given that there was no wind and that the aircraft parking area is at the 09 threshold end of the runway. The pilot selected full flap for a short field approach and flew speeds of 60 kt at the threshold and 55 kt at the flare. The aircraft touched down on the crest of an undulation and 'ballooned' back into the air. The next contact with the ground by the main wheels pitched the aircraft nose down, putting the full weight of the aircraft onto the nose landing gear, causing it to collapse. The aircraft stood on its nose and came to a sudden stop, but remained upright. There were no injuries and the pilot and his passenger were able to vacate the aircraft normally.

The pilot felt that, with hindsight, his threshold speed had been 5 kt too high and that the undulations in the field had been a further contributory factor in the accident.