

Casa 1-131E3B, G-BXBD

AAIB Bulletin No: 9/2002	Ref: EW/G2002/07/10	Category: 1.3
Aircraft Type and Registration:	Casa 1-131E3B, G-BXBD	
No & Type of Engines:	1 ENMA Tigre G-IV-A piston engine	
Year of Manufacture:	1951	
Date & Time (UTC):	7 July 2002 at 1810 hrs	
Location:	Kemble Airfield, Gloucestershire	
Type of Flight:	Private	
Persons on Board:	Crew - 1	Passengers - 1
Injuries:	Crew - None	Passengers - None
Nature of Damage:	Main landing gear collapsed	
Commander's Licence:	Basic Commercial Pilot's Licence	
Commander's Age:	66 years	
Commander's Flying Experience:	6,392 hours (of which 18 were on type)	
	Last 90 days - 16 hours	
	Last 28 days - 8 hours	
Information Source:	Aircraft Accident Report Form submitted by the pilot	

The aircraft is a licence built version of the Bucker Jungmann, a single engine biplane with two seats in tandem. The pilot was conducting a fuel system air test and aerobatics. Following a successful flight of 1 hour 50 minutes duration, he decided to carry out a practice forced landing. He broadcast two radio calls to traffic in the area to advise of his intentions. The approach was made to the grass Runway 21 at Kemble, with the surface wind reported as being 210°/20 kt. The pilot observed that, when approaching the threshold, he had an excess of airspeed and height. While reducing the speed, he noticed another aircraft ahead on the tarmac Runway 27. He turned slightly to the right to avoid any possibility of a collision. At this time, G-BXBD dropped suddenly onto the grass surface. The hard impact resulted in the aircraft bouncing as the landing gear collapsed. It came to an abrupt halt shortly afterwards.

The pilot reported that the accident was the result of windshear. In hindsight, the pilot felt that he should have accepted a touchdown at a higher speed, further back along the runway.

