

No:	11/89	Ref:	EW/G89/06/33	Category:	1c
Aircraft Type and Registration:	Cessna 152, G-BRBP				
No & Type of Engines:	1 Lycoming O-235-L2C piston engine				
Year of Manufacture:	1980				
Date and Time (UTC):	29 June 1989 at 1730 hrs				
Location:	Tatenhill Aerodrome, 5nm west of Burton-upon-Trent, Staffordshire				
Type of Flight:	C of A Test Flight				
Persons on Board:	Crew - 2	Passengers - None			
Injuries:	Crew - None	Passengers - N/A			
Nature of Damage:	Slight damage to right plastic wing tip				
Commander's Licence:	Private Pilot's Licence				
Commander's Age:	29 years				
Commander's Total Flying Experience:	510 hours (of which 100 were on type)				
Information Source:	Aircraft Accident Report Form submitted by the pilot				

Whilst climbing out after take-off a slight vibration was felt through the fuselage at approximately 500 ft. This quickly developed into a severe vibration and it was decided to turn back towards the airfield as the engine was still giving some power. A downwind landing was made, touching down at about two-thirds down the runway. The pilot was unable to stop the aircraft before the right wing was damaged by contact with a bush at the end of the runway.

The rough running was caused by one cylinder becoming inoperative due to a loose valve adjuster.