

ACCIDENT

Aircraft Type and Registration:	Starduster Too, G-BTGS	
No & Type of Engines:	1 Lycoming HIO-360-E1AD piston engine	
Year of Manufacture:	1978	
Date & Time (UTC):	12 October 2008 at 1552 hrs	
Location:	Runway 20, Shoreham Airport, Sussex	
Type of Flight:	Unknown	
Persons on Board:	Crew - 1	Passengers - None
Injuries:	Crew - None	Passengers - N/A
Nature of Damage:	Landing gear collapsed	
Commander's Licence:	National Private Pilot's Licence	
Commander's Age:	55 years	
Commander's Flying Experience:	321 hours (of which 150 were on type) Last 90 days - 3 hours Last 28 days - 1 hour	
Information Source:	Aircraft Accident Report Form submitted by the pilot	

Synopsis

The aircraft was returning to Shoreham after a short local flight. Following a normal approach, it touched down briefly, bounced and finally landed, whereupon the left landing gear began to collapse. The aircraft veered off the left side of the runway and the right landing gear collapsed before the aircraft came to rest after a ground roll of approximately 50 m. The pilot judged the landing had not been particularly firm, despite the bounce.

It was found that part of the underside of the tubular steel fuselage framework, to which the landing gear had been attached, had failed at a weld joint. Part of the fracture surface appeared darker than elsewhere, indicating that a crack in the weld had been present for some time. This area had been repaired following a previous accident at Staverton on 15 October 1986, when registered as G-AYMA.