

ACCIDENT

Aircraft Type and Registration:	Midget Mustang M-1, G-CHJO	
No & Type of Engines:	1 Continental Motors Corp O-200-A piston engine	
Year of Manufacture:	1998 (Serial no: 1726)	
Date & Time (UTC):	5 August 2017 at 1225 hrs	
Location:	North Coates Airfield, Lincolnshire	
Type of Flight:	Private	
Persons on Board:	Crew - 1	Passengers - None
Injuries:	Crew - None	Passengers - N/A
Nature of Damage:	Right main landing gear leg detached, skin damage to right wing and rear fuselage	
Commander's Licence:	Private Pilot's Licence	
Commander's Age:	78 years	
Commander's Flying Experience:	1,996 hours (of which 93 were on type) Last 90 days - 8 hours Last 28 days - 2 hours	
Information Source:	Aircraft Accident Report Form submitted by the pilot	

Following a firm landing, the aircraft rolled for approximately 100 m before the right main landing gear leg collapsed. The aircraft veered to the right and after it came to rest, in long grass adjacent to the runway, the pilot shutdown the engine and exited the aircraft normally. A photograph of the aircraft was taken (Figure 1) after it was moved to a grass parking area.



Figure 1

G-CHJO following failure of the right main landing gear leg

The pilot inspected the aircraft and discovered the right gear leg attachment bracket had failed near a weld. It was his view that the weld had not penetrated the metal sufficiently to achieve the required strength. He also discovered that the four attachment bolts on the bracket were only finger-tight and that they had been rotating. However, a detailed assessment of the failure was not made.