

SERIOUS INCIDENT

Aircraft Type and Registration:	Beech A36 Bonanza, G-JLHS	
No & Type of Engines:	1 Continental Motors Corp IO-550-B piston engine	
Year of Manufacture:	1990 (Serial no: E-2571)	
Date & Time (UTC):	20 July 2017 at 1110 hrs	
Location:	Alderney Airport	
Type of Flight:	Private	
Persons on Board:	Crew - 2	Passengers - 1
Injuries:	Crew - None	Passengers - None
Nature of Damage:	None	
Commander's Licence:	Private Pilot's Licence	
Commander's Age:	78 years	
Commander's Flying Experience:	3,337 hours (of which 3,207 were on type) Last 90 days - 38 hours Last 28 days - 24 hours	
Information Source:	Aircraft Accident Report Form submitted by the pilot	

As a result of a hard landing at Alderney, a momentary short circuit of the master avionics power at a stub terminal on the firewall caused the avionics to turn off and remain off. Following a number of bounces, the aircraft became airborne again and departed initially to the south. Without radio, the pilot was unable to communicate with Alderney TWR and to advise of his intention to divert to Guernsey. However, on the approach to Guernsey, he made contact with Guernsey TWR via mobile phone before making a successful landing.

The electrical problem was investigated by a Guernsey maintenance organisation and identified that the rubber boot to cover the stub terminal on the firewall was missing. This had allowed arcing between the engine and the exposed stud.