

ACCIDENT

Aircraft Type and Registration:	Falco F8L Falco, G-CYLL	
No & Type of Engines:	1 Lycoming IO-330-B1A (Modified) piston engine	
Year of Manufacture:	2011 (Serial no: PFA 100-14572)	
Date & Time (UTC):	17 June 2017 at 1215 hrs	
Location:	Brighton Airfield, Yorkshire	
Type of Flight:	Private	
Persons on Board:	Crew - 1	Passengers - 1
Injuries:	Crew - None	Passengers - None
Nature of Damage:	Propeller destroyed and suspected shock-loading of engine. Some damage to nose landing gear assembly and to underside panels.	
Commander's Licence:	Private Pilot's Licence	
Commander's Age:	60 years	
Commander's Flying Experience:	1,076 hours (of which 17 were on type) Last 90 days - 28 hours Last 28 days - 20 hours	
Information Source:	Aircraft Accident Report Form submitted by the pilot	

Synopsis

The retractable nose landing gear collapsed despite an indication that it was down and locked. It is possible the nose landing gear assembly had been damaged during an earlier flight, with two normal landings being completed before the problem occurred.

History of the flight

During a local flight with the aircraft inbound to Brighton Airfield, the landing gear was selected down: and indicators then showed the gear was locked down; mechanical pop-up indicators for the main gear and a steady green light for the nose gear. Following a normal approach, the aircraft touched down, into wind, on the main landing gear and then, as speed reduced, the nose landing wheel made ground contact. After a short delay, the nose continued to drop, the propeller struck the grass surface and shattered, and the aircraft slowed to a halt, with the nose landing gear collapsed inside its wheel well.