

ACCIDENT

Aircraft Type and Registration:	AW109SP Grand New, G-IWFC	
No & Type of Engines:	2 Pratt & Whitney Canada PW207C turboshaft engines	
Year of Manufacture:	2015 (Serial no: 22331)	
Date & Time (UTC):	27 November 2017 at 1530 hrs	
Location:	Sywell Aerodrome, Northamptonshire	
Type of Flight:	Private	
Persons on Board:	Crew - 3	Passengers - None
Injuries:	Crew - None	Passengers - N/A
Nature of Damage:	Impact damage to two rotor blades and engine cowl	
Commander's Licence:	Commercial Pilot's Licence	
Commander's Age:	45 years	
Commander's Flying Experience:	4,490 hours (of which 1,150 were on type) Last 90 days - 41 hours Last 28 days - 13 hours	
Information Source:	Aircraft Accident Report Form submitted by the pilot	

The pilot and an engineer had been performing flight maintenance checks that had been intermittently interrupted by heavy rain showers. Whilst performing a rotor blade check in the hover during a period of clear weather, the No 1 engine OIL HOT caption illuminated. After landing, a second engineer opened the engine cowl to conduct an inspection of the engine. Following this inspection, the helicopter took off again for a further maintenance check flight. During the flight, a small but unusual vibration was felt by the occupants. The pilot elected to return to land at the airfield, but during his approach a sudden very heavy vibration started. The pilot performed a run-on landing, with no further issues. Subsequently, the engine cowl was found to have contacted the main rotor blades due to it not having been correctly latched shut during the earlier inspection.