

Accident

Aircraft Type and Registration:	X'Air Jabiru(1), G-HITM	
No & Type of Engines:	1 Jabiru 2200 piston engine	
Year of Manufacture:	2000 (Serial no: BMAA/HB/112)	
Date & Time (UTC):	13 June 2023 at 1858 hrs	
Location:	Private strip, Welshpool	
Type of Flight:	Private	
Persons on Board:	Crew – 1	Passengers – 1
Injuries:	Crew – Serious	Passengers – Serious
Nature of Damage:	Substantial	
Commander's Licence:	Private Pilot's Licence	
Commander's Age:	68 years	
Commander's Flying Experience:	Not provided	
Information Source:	Aircraft Accident Report Form submitted by the pilot	

Synopsis

Shortly after takeoff, the engine lost power and the aircraft struck the ground. The cause of the power loss was not determined. The AAIB noted that the aircraft's Permit To Fly was not valid at the time of the accident.

History of the flight

The pilot reported that the accident occurred shortly after takeoff from a private grass airstrip, described as firm and dry. Weather conditions were reported as CAVOK with scattered clouds and a temperature of 20°C. Weather recordings in the area indicated temperatures at that time of approximately 24°C with a dew point of 8°C and a north-easterly wind of about 3 kt gusting 10 kt.

The pilot stated that external and power checks were satisfactory prior to the flight. However, the engine lost power at an estimated height of 50 ft agl after takeoff and the aircraft struck the ground. The attending emergency services advised that the aircraft came to rest on the driveway to a farm. Both the pilot and passenger, who were wearing full harnesses, suffered serious injuries.

The pilot did not provide further information as to a possible cause of the loss of engine power. The AAIB noted that the aircraft's Permit To Fly was not valid at the time of the accident and had expired in May 2022.