

ACCIDENT

Aircraft Type and Registration:	Jodel D117, G-BBPS
No & Type of Engines:	1 Continental Motors Corp C90-14F piston engine
Year of Manufacture:	1957 (Serial no: 597)
Date & Time (UTC):	25 February 2018 at 1230 hrs
Location:	Shempstons Farm, Lossiemouth
Type of Flight:	Private
Persons on Board:	Crew - 1 Passengers - None
Injuries:	Crew - 1 (Minor) Passengers - N/A
Nature of Damage:	Damaged beyond economic repair.
Commander's Licence:	Light Aircraft Pilots Licence
Commander's Age:	68 years
Commander's Flying Experience:	284 hours (of which 31 were on type) Last 90 days - 2 hours Last 28 days - 2 hours
Information Source:	Aircraft Accident Report Form submitted by the pilot

Synopsis

Whilst landing on an uphill grass runway with a tailwind component, the aircraft overran the runway into a ploughed field causing the aircraft to come to rest inverted.

History of the flight

The aircraft had taken off from Shempstons Field, near Lossiemouth on Runway 17 at approximately 1200 hrs with winds of 150° at 10 kt for a local flight of approximately 30 minutes. Normal operating procedure is to use the inclined Runway 35 for landing regardless of wind direction, with a late touchdown point due to soft ground and overhead power lines near the threshold.

During the flight the wind increased to about 13 kt and the pilot made three approaches followed by go-arounds. The touchdown on the fourth approach was later than normal (Figure 1) and at 60 KIAS which, combined with the tailwind component, resulted in a high ground-speed. The aircraft wheel brakes are not normally used for landing deceleration and the pilot was unable to stop before running off the end of the runway. The aircraft entered a rough ploughed field causing the main landing gear to dig in and it came to rest inverted. The pilot required assistance to vacate the aircraft and suffered a minor back injury. The engine and propeller suffered shock loading and the structure of the canopy, upper fuselage and right main landing gear was damaged.



Figure 1
Accident site - Shempstons Field, near Lossiemouth