

ACCIDENT

Aircraft Type and Registration:	Steen Skybolt, G-CBYJ	
No & Type of Engines:	1 Lycoming IO-360-A1B6 piston engine	
Year of Manufacture:	2004 (Serial no: PFA 064-13354)	
Date & Time (UTC):	16 August 2016 at 18:55 hrs	
Location:	Farm strip, Kingsley, Buckinghamshire	
Type of Flight:	Private	
Persons on Board:	Crew - 1	Passengers - 1
Injuries:	Crew - None	Passengers - None
Nature of Damage:	Damage to propeller, engine shock-loaded, extensive airframe damage	
Commander's Licence:	Private Pilot's Licence	
Commander's Age:	33 years	
Commander's Flying Experience:	129 hours (of which 18 were on type) Last 90 days - 5 hours Last 28 days - 5 hours	
Information Source:	Aircraft Accident Report Form submitted by the pilot	

Synopsis

On the third attempt at landing at a farm strip, the pilot applied the brakes after touchdown, gently at first but then more firmly, which caused the aircraft to nose over onto its back.

History of the flight

The aircraft was returning after a short, local flight from a farm strip, where it was based. On the first approach the pilot realised early on that he was too high, so initiated a go-around.

On the next approach the pilot continued further down the final approach but it became apparent that the touchdown point was going to be beyond the normal area; accordingly, he applied power and conducted another go-around.

The third attempt appeared normal, with the airspeed immediately before the airfield boundary at just below 70 mph. The aircraft touched down well before the usual 'go-around point' and settled down with the engine at idle. At around 50 mph the pilot applied gentle braking. He then became concerned that the speed appeared high in relation to the runway length remaining and applied the brakes more firmly. This caused the tail to lift and the aircraft nosed over onto its back, sliding in an inverted attitude over a distance of approximately 10 m.

Other information

The flight took place during the early evening and the wind conditions were described as calm. The pilot had flown a variety of aircraft types and, although he was very familiar with operating from the farm strip near Kingsley, the Skybolt was the only aircraft he had flown that was not equipped with flaps.

Conclusion

The pilot attributed the accident to his sudden brake application after he had realised that the end of the runway was approaching and that the aircraft was still travelling at a relatively high speed.