

ACCIDENT

Aircraft Type and Registration:	Piper PA-28-140 Cherokee, G-AVWJ	
No & Type of Engines:	1 Lycoming O-320-E2A piston engine	
Year of Manufacture:	1967	
Date & Time (UTC):	19 February 2010 at 1300 hrs	
Location:	Full Sutton Airfield, Yorkshire	
Type of Flight:	Training	
Persons on Board:	Crew - 1	Passengers - None
Injuries:	Crew - 1 (Minor)	Passengers - N/A
Nature of Damage:	Nose landing gear collapsed; bent propeller and cowling	
Commander's Licence:	Student	
Commander's Age:	33 years	
Commander's Flying Experience:	46 hours (of which 17 were on type) Last 90 days - 2 hours Last 28 days - 2 hours	
Information Source:	Aircraft Accident Report Form submitted by the pilot	

Synopsis

A student pilot undertaking a solo navigational exercise attempted to take off from Full Sutton Airfield. During the takeoff run, the aircraft veered to the left of the runway and came to rest in an adjacent ploughed field.

obtained clearance to line up on the runway ready for takeoff and was informed of a 5 kt crosswind by the controller.

History of the flight

The instructor gave permission for the student pilot to undertake a solo navigation exercise following a number of instructional lessons earlier that day. During the lessons prior to the accident, the student had performed six takeoffs. As noted in the instructor's narrative, the weather was good, with light winds, and the grass runway was reported to be dry and firm.

On commencing the takeoff run, the student pilot applied power and the aircraft quickly veered to the left. The student applied right rudder to counteract this, but in his opinion, the control input he made was too vigorous. The student then applied left rudder even harder to try to correct, causing the aircraft to leave the runway. The nose gear collapsed and the aircraft came to rest in an adjacent ploughed field, damaging the propeller and forward section of the aircraft.

Following pre-takeoff checks, the student pilot

The student pilot exited the aircraft safely, with only

a minor injury to his hand occurring as a result of the accident.

In his description of events, the student pilot believed that the accident was as a result of overly vigorous

control inputs and not reducing the throttle quickly enough to prevent the aircraft from departing the runway into the adjacent field.