ACCIDENT

Aircraft Type and Registration:	Aero AT-3 R100, G-DPEP
No & Type of Engines:	1 Rotax 912-S piston engine
Year of Manufacture:	2007
Date & Time (UTC):	27 October 2008 at 1409 hrs
Location:	Old Sarum Airfield, Wiltshire
Type of Flight:	Training
Persons on Board:	Crew – 1 Passengers – None
Injuries:	Crew – None Passengers – N/A
Nature of Damage:	Damage to leading edge of wings and one propeller blade missing
Commander's Licence:	Student pilot
Commander's Age:	61 years
Commander's Flying Experience:	33 hours (of which 33 were on type) Last 90 days - 10 hours Last 28 days - 10 hours
Information Source:	Aircraft Accident Report Form submitted by the pilot

Synopsis

A student pilot on his second solo lost control of the aircraft during the takeoff roll and struck a fence and a piece of agricultural machinery to the left of the runway.

History of the flight

The student pilot was on his second solo to practise circuits, having had a dual sortie with his instructor after his first solo. The instructor was very satisfied with his student's abilities on the dual sortie. After positioning the aircraft into wind, the solo student opened the throttle rapidly and the aircraft swung violently to the left. By his own admission, he was late in applying corrective right rudder and considers he should have aborted the takeoff at that point, however he continued to accelerate in the hope that he would soon become airborne whilst still heading roughly on the grass runway heading. He states that he inadvertently applied pressure on the left brake pedal, which turned the aircraft sharply to the left and towards an agricultural roller standing in an adjacent field. The left wheel struck a runway marker before running through the perimeter fence, striking the roller with the left wingtip and coming to rest.

The pilot assessed the causes of the accident as being his application of full throttle too rapidly at the start of the takeoff run and his inadvertent application of left brake.