

# Cessna 152, G-BWEV, 13 August 1996

## AAIB Bulletin No: 11/96 Ref: EW/G96/08/15 Category: 1.3

<b>Aircraft Type and Registration:</b>	Cessna 152, G-BWEV
<b>No &amp; Type of Engines:</b>	1 Lycoming O-235-L2C piston engine
<b>Year of Manufacture:</b>	1979
<b>Date &amp; Time (UTC):</b>	13 August 1996 at 1519 hrs
<b>Location:</b>	Old Sarum Airfield, Salisbury, Wiltshire
<b>Type of Flight:</b>	Private (Training)
<b>Persons on Board:</b>	Crew -1 - Passengers - None
<b>Injuries:</b>	Crew - None - Passengers - N/A
<b>Nature of Damage:</b>	Substantial to left wing, flap and aileron, rudder and propeller
<b>Commander's Licence:</b>	Student Pilot
<b>Commander's Age:</b>	25 years
<b>Commander's Flying Experience:</b>	39 hours (all on type) Last 90 days - N/A Last 28 days - N/A
<b>Information Source:</b>	Aircraft Accident Report Form submitted by the pilot

The student pilot was due to undertake a solo cross-country flight from Old Sarum Airfield, Wiltshire. The weather was fine with a surface wind of 010°/08 kt, good visibility, no significant cloud and a temperature of 21°C.

Prior to departure the pilot parked his aircraft clear of grass Runway 06 (781 metres long by 50 metres wide) to carry out the before take-off power checks. The pilot reported that the parking brake would not hold the aircraft with 1,700 RPM set thus the power checks were carried out at a setting of 1,500 to 1,600 RPM. As take-off power was applied the aircraft veered to the left and this was corrected with the use of right rudder. As the aircraft reached 'rotate speed' the aircraft veered to the left again. Progressive application of rudder however failed to arrest the swing allowing the aircraft to depart the runway and collide with two aircraft parked adjacent to a fuel bowser. The pilot, who was wearing a lap and diagonal seat belt, placed the master switch and fuel cock off and vacated the aircraft without injury. One of the parked aircraft suffered damage to its rear fuselage rudder and elevators whilst the other suffered minor damage to its left wing, flap, aileron and rudder.

The pilot attributed the cause of the accident to his lack of experience.