

Cessna 150M, G-BOIM, 17 July 1996

AAIB Bulletin No: 10/96 Ref: EW/G96/07/14 Category: 1.3

Aircraft Type and Registration:	Cessna 150M, G-BOIM
No & Type of Engines:	1 Continental O-200-A piston engine
Year of Manufacture:	1976
Date & Time (UTC):	17 July 1996 at 1330 hrs
Location:	Faircross Farm near Thatcham, Berkshire
Type of Flight:	Private
Persons on Board:	Crew -1 Passengers - 1
Injuries:	Crew - None Passengers - None
Nature of Damage:	Damaged beyond economic repair
Commander's Licence:	Private Pilot's Licence
Commander's Age:	38 years
Commander's Flying Experience:	107 hours (of which 77 were on type) Last 90 days - 5 hours Last 28 days - 2 hours
Information Source:	Aircraft Accident Report Form submitted by the pilot

The pilot could remember very little of the accident sequence. He was attempting to depart from a 500 yard long farm strip on a very hot day (around 27°C) in negligible wind conditions.

The pilot believes he may have rotated at too low an airspeed. The aircraft took off and climbed to a height of about 40 or 50 ft before the stall warning sounded and the aircraft began to descend in a wings-level attitude. It struck a substantial hedge at the end of the strip and came to rest upright having suffered severe damage.

Calculations taking into account the temperature and the short, dry grass indicate that the aircraft should have required a groundroll distance of about 300 yd and a take off distance to 50 ft height of approximately 525 yds.

The pilot stated that he was used to operating from grass runways but this was his first attempt to depart from a farm strip.