

No: 12/92

Ref: EW/G92/10/10

Category: 1c

Aircraft Type and Registration: Constructii Aeronautice IS-28M2A, G-BMOM

No & Type of Engines: 1 Limbach SL 1700-E1 piston engine

Year of Manufacture: 1981

Date & Time (UTC): 15 October 1992 at 1220 hrs

Location: Doncaster Airport, South Yorkshire

Type of Flight: Private

Persons on Board: Crew - 1 Passengers - None

Injuries: Crew - None Passengers - N/A

Nature of Damage: Both main landing gear legs collapsed

Commander's Licence: Basic Commercial Pilot's Licence

Commander's Age: 55 years

Commander's Flying Experience: 3,733 hours (of which 318 were on type)
Last 90 days - 19 hours
Last 28 days - 19 hours

Information Source: Aircraft Accident Report Form submitted by the pilot

The wind at the time of the accident was 360°/18 kt and the aircraft was taking off from the grass runway 04. The runway, nominally 744 metres long and 30 metres wide, forms part of an 86 metre wide strip, all of which is used at various times for take-offs and landings. To the northwest side of this strip there is a 3 feet high earth bank.

The pilot directed his take-off run diagonally across the runway in order to reduce the crosswind component but, just before becoming airborne, a sudden gust of wind swung the aircraft sharply to the left. The pilot states that, as there were then only about 40 metres between the aircraft and the earth bank, he maintained full engine power in the hope of becoming airborne. However, as the aircraft lifted off the ground, the left main landing gear struck the bank and bent backwards.

The pilot declared an emergency and flew a low pass to enable a ground observer to inform him of the damage to the aircraft. In order to minimise the subsequent damage, he then carried out a power-off landing with the flaps retracted and the propeller stationary in the horizontal position. As the aircraft touched down the left main gear, quickly followed by the right, collapsed and the aircraft rolled to a stop on the protruding main gear wheels without sustaining further damage.