

Rans Coyote (S6-ESD XL), G-MZDG

AAIB Bulletin No: 9/2000 **Ref:** EW/G2000/05/08 **Category:** 1.3

Aircraft Type and Registration: Rans Coyote (S6-ESD XL), G-MZDG

No & Type of Engines: 1 Rotax 503 piston engine

Year of Manufacture: 1996

Date & Time (UTC): 6 May 2000 at 1408 hrs

Location: Barton Aerodrome, Manchester

Type of Flight: Private

Persons on Board: Crew - 1 - Passengers - 1

Injuries: Crew - None - Passengers - None

Nature of Damage: Landing gear collapsed, propeller smashed, engine shockloaded and cockpit area structure distorted

Commander's Licence: Private Pilot's Licence (microlight aeroplanes)

Commander's Age: 47 years

Commander's Flying Experience: 44 hours (of which 5 were on type)

Last 90 days - 5 hours

Last 28 days - 2 hours

Information Source: Aircraft Accident Report Form submitted by the pilot

The weather was fine and sunny with a surface wind of 080° at 8 kt when the pilot and his passenger took off from Runway 09 which has a grass surface of length 621 metres. The initial climb was normal until at about 200 feet agl when the aircraft's left wing dropped, probably due to turbulence. In attempting to regain full control, the handling pilot, who was inexperienced, stalled the aircraft which subsequently turned to the right and crash landed back onto the runway near the upwind threshold. It came to rest upright facing backwards towards the Runway 09 threshold having lost part of the main landing gear and totally collapsed the remainder. The occupants' seats withstood the impact forces and both persons were able to vacate via the normal doors without assistance.