

# **Maule MX-7-180A, G-LOFM**

**AAIB Bulletin No: 9/97 Ref: EW/G97/06/22Category: 1.3**

<b>Aircraft Type and Registration:</b>	Maule MX-7-180A, G-LOFM
<b>No &amp; Type of Engines:</b>	1 Lycoming O-360-C4F piston engine
<b>Year of Manufacture:</b>	1995
<b>Date &amp; Time (UTC):</b>	30 June 1997 at 1435 hrs
<b>Location:</b>	Coventry Airport, West Midlands
<b>Type of Flight:</b>	Private (Training)
<b>Persons on Board:</b>	Crew - 2 - Passengers - 1
<b>Injuries:</b>	Crew - None - Passengers - None
<b>Nature of Damage:</b>	Right main landing gear broken and its fuselage attachments distorted. Right wingtip and propeller tips damaged, engine shock loaded
<b>Commander's Licence:</b>	Commercial Pilot's Licence with Instrument and FI Rating
<b>Commander's Age:</b>	32 years
<b>Commander's Flying Experience:</b>	3,461 hours (of which 11 were on type) Last 90 days - 202 hours Last 28 days - 68 hours
<b>Information Source:</b>	Aircraft Accident Report Form submitted by the pilot and telephone inquiries

The aircraft was being used for pilot training with an instructor and two students aboard; one student being in the rear seat. The student who was handling the aircraft made a normal approach for a three point landing onto Runway 05. The reported wind at the time was 020° at 4 kt.

Immediately after touchdown the aircraft veered sharply to the left and the instructor took control and, despite his applying full right rudder and brake, the aircraft left the runway and continued slewing to the left. Shortly after running onto the grass beside the runway, the right main landing gear collapsed and the aircraft came to rest near the 05 PAPI lights, having turned through 180° from the landing direction. The occupants were uninjured and disembarked normally. After disembarking, the instructor observed a skid mark made by the right main wheel which was continuous on the runway surface but became intermittent after the aircraft had run onto the grass.

Examination of the aircraft by the operator's maintenance organisationshowed that the flying controls were all functioning correctlyand that the left main landing gear was undamaged, the wheel turnedfreely and the brake appeared to function normally.