

## Fred Series 2, G-BKZT, 6 July 1996

**AAIB Bulletin No: 10/96 Ref: EW/G96/07/06 Category: 1.3**

<b>Aircraft Type and Registration:</b>	Fred Series 2, G-BKZT
<b>No &amp; Type of Engines:</b>	1 Volkswagen 1834 piston engine
<b>Year of Manufacture:</b>	1984
<b>Date &amp; Time (UTC):</b>	6 July 1996 at 1810 hrs
<b>Location:</b>	White Waltham Airfield, Berkshire
<b>Type of Flight:</b>	Private
<b>Persons on Board:</b>	Crew - 1 Passengers - None
<b>Injuries:</b>	Crew - None Passengers - N/A
<b>Nature of Damage:</b>	Left main landing gear failed near axle, propeller broken
<b>Commander's Licence:</b>	Private Pilot's Licence
<b>Commander's Age:</b>	33 years
<b>Commander's Flying Experience:</b>	130 hours (of which 15 were on type) Last 90 days - 7 hours Last 28 days - 4 hours
<b>Information Source:</b>	Aircraft Accident Report Form submitted by the pilot

The pilot reported that he carried out an uneventful flight from Cranfield to the area of the reporting point near Henley, northwest of the destination airfield, White Waltham. He called for and received joining instructions and having read them back descended to join downwind at the circuit height of 800 feet. He noticed two rain showers, one just east of the field and one approximately 1/2 to one mile west, and carried out a relatively tight circuit followed by a gentle 180 degree descending turn onto Runway 29.

He reports that he maintained an approach speed of 50 kt indicated and executed a sideslip to the left to lose some height, rolling wings level over the threshold and applying a little power to arrest the descent before closing the throttle and holding off for the flare.

During the flare the aircraft dropped onto the grass runway from approximately 6 to 10 feet, slightly left wing down. The left main landing gear failed just above some axle welds, partially dug into the ground and caused the aircraft to tip onto its nose before coming to rest. The pilot believes the presence of the shower slightly to the west of the field may have influenced his decision to speed up his approach, his aircraft being a very small open cockpit type.