

No: 9/88

Ref: EW/G88/06/12

Category: 1c

Aircraft Type and Registration: Bucker Bu 133 Jungmeister, G-AEZX

No & Type of Engines: 1 Siemens Halske SH14 A (Bramo)

Year of Manufacture: 1937

Date and Time (UTC): 21 June 1988 at 1705 hrs

Location: Gransden airfield, Sandy, Bedfordshire

Type of Flight: Private (pleasure)

Persons on Board: Crew - 1 Passengers - None

Injuries: Crew - None Passengers - N/A

Nature of Damage: Major damage to the engine and its mountings, landing gear, fuselage, lower wing spars, fin and rudder

Commander's Licence: Private Pilot's Licence

Commander's Age: 29 years

Commander's Total Flying Experience: 664 hours (of which 450 were on type)

Information Source: Aircraft Accident Report Form submitted by the pilot

During the take-off run the pilot noted that the engine rpm was 1800 and that the fuel and oil pressures were indicating in their safe operating range. After take-off, at about 50 feet agl, the engine rpm was observed to be 1700. The climb-out was continued and at about 250 feet agl, the pilot noticed that the engine rpm was dropping and that there was a large amount of black smoke trailing from the aircraft. The pilot carried out a forced landing into a field of standing crop. The field was heavily rutted, which caused the aircraft to overturn during the landing roll.

The pilot's assessment was that a "rich-cut" had caused the engine malfunction. To date no engineering investigation as to the cause of the rich cut has been undertaken.