

No: 10/90 **Ref:** EW/G90/06/04 **Category:** 1c

Aircraft Type and Registration: Taylor Monoplane, G-BILZ

No & Type of Engines: 1 Volkswagen 1600 piston engine

Year of Manufacture: 1982

Date and Time (UTC): 10 June 1990 at 2012 hrs

Location: Ingoldmells, Skegness, Lincolnshire

Type of Flight: Private

Persons on Board: Crew - 1 Passengers - None

Injuries: Crew - None Passengers - N/A

Nature of Damage: Extensive damage to wing structure and to main and rear spar in centre section

Commander's Licence: Private Pilot's Licence

Commander's Age: 33 years

Commander's Total Flying Experience: 130 hours (of which 9 were on type)

Information Source: Aircraft Accident Report Form submitted by the pilot. Subsequent verbal report by person examining engine. Information obtained during AAIB examination of fuel pump

The pilot reported that the engine suddenly ran roughly before stopping abruptly during initial climb at 420-450 feet AGL. The ensuing forced landing took place necessarily at 90 degrees to the wind, in a field with a rough surface and a crop of tall rape-seed plants. The aircraft therefore suffered considerable damage.

The engine problem was reported initially to have been the result of a mechanical failure in one cylinder. A later report, however, indicated that a strip examination had revealed no evidence of internal failure.

This reporter also stated that the mechanical fuel pump appeared to be functioning incorrectly when the engine was rotated by hand. An examination of the fuel pump carried out subsequently by AAIB however, revealed no evidence of any defect in this unit.