

AAIB Bulletin No: 10/95

Ref: EW/G95/08/12

Category: 1.3

**Aircraft Type and Registration:** Nord NC858S, G-BDXX

**No & Type of Engines:** 1 Rolls-Royce Continental C90-12F piston engine

**Year of Manufacture:** 1954

**Date & Time (UTC):** 10 August 1995 at 1040 hrs

**Location:** Newnham Farm, Binstead, Isle of Wight

**Type of Flight:** Private

**Persons on Board:** Crew - 1 Passengers - 1

**Injuries:** Crew - None Passengers - None

**Nature of Damage:** Substantial to wing and landing gear

**Commander's Licence:** Private Pilot's Licence

**Commander's Age:** 53 years

**Commander's Flying Experience:** 171 hours (of which 60 were on type)  
Last 90 days - 5 hours  
Last 28 days - 3 hours

**Information Source:** Aircraft Accident Report Form submitted by the pilot

The pilot was returning after a local flight to land on grass Runway 18 at Newnham Farm. The weather on departure had been fine with good visibility, a light easterly wind and a temperature of 21°C. For the landing the surface wind had increased and become gusty.

The approach, flown with full flap, was higher than normal in order to avoid turbulence from a wood situated at the north east end of the landing strip. The pilot reported that, as he attempted to land halfway along the strip, the aircraft was affected by a sudden gust which delayed touchdown. As he was now landing further along the strip than intended and at a higher speed he elected to go-around, applied full throttle, selected carburettor heat to COLD and raised the flaps to the takeoff position. Realising that the aircraft would now not become airborne in the remaining runway length, he reduced power just prior to colliding with the boundary hedge. The pilot and passenger, who were both wearing lap and diagonal seat belts vacated the aircraft without injury.

The pilot assessed the cause of the accident as being due to the gusty crosswind conditions, and a reduction in aircraft performance caused by high ambient temperatures and a higher aircraft All-Up Weight (AUW) than was originally estimated.