

**No: 4/84**

**INCIDENT**

**Ref: EW/G83/11/06**

**Aircraft type and registration:** Bellanca 8GCBC G-BCSM (light single engine fixed wing aircraft)

**Year of manufacture:** 1974

**Date and time (GMT):** 20 November 1983 at 1150 hrs

**Location:** Saltby Aerodrome

**Type of flight:** Private

**Persons on board:** Crew — 1                      Passengers — Nil

**Injuries:** Crew — Nil                      Passengers — N/A

**Nature of damage:** Damage to propeller and minor damage to wing tip and fuselage fairing where undercarriage joins the fuselage

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

**Commander's Age:** 36 years

**Commander's total flying experience:** 440 hours (of which 115 hours were on type)

The pilot reported that immediately after touchdown the port undercarriage started to vibrate. As the speed reduced, the port undercarriage leg became detached causing the port wing and the propeller to come into contact with the runway.

Examination of the aircraft revealed that a U bolt supporting the undercarriage leg had failed, causing secondary failure of the main attachment bolt of the leg. Examination of the U bolt indicated that at some time a weld repair had been carried out.

Examination of the aircraft documentation revealed that the machine had completed approx. 525 hours flying and that there was no record of the U bolt having been replaced, although the component was lifed at 500 hours.