

# Taylorcraft F-19, G-BRIJ

**AAIB Bulletin No: 3/2001**

**Ref: EW/G2000/08/29 - Category: 1.3**

**Aircraft Type and Registration:** Taylorcraft F-19, G-BRIJ

**No & Type of Engines:** 1 Continental O-200-A piston engine

**Year of Manufacture:** 1979

**Date & Time (UTC):** 30 August 2000 at 1630 hrs

**Location:** Abbots Bromley, Staffordshire

**Type of Flight:** Private

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

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

**Nature of Damage:** Damage to fuselage between wings and tailplane; both wing tips damaged, elevators damaged

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

**Commander's Age:** 56 years

**Commander's Flying Experience:** 661 hours (of which 255 were on type)  
Last 90 days - 2 hours  
Last 28 days - 6 hours

**Information Source:** Aircraft Accident Report Form submitted by the pilot and subsequent telephone enquiries

The pilot reported that the aircraft touched down at the end of grass Runway 20 at around 55 kt, in conditions of little wind. As the aircraft had slowed and rudder authority was lost the pilot had applied differential braking, as normal, in order to maintain directional control. However, it became apparent that the aircraft was not responding to his directional control inputs and was veering left towards a fence and hedge. The left wing tip then contacted the hedge, swinging the aircraft to the left before it came to rest with the propeller just short of the hedge.

Subsequent examination of the aircraft by this pilot/owner revealed that the right wheel brake cable had broken. The failure had occurred approximately 12 inches from the eye-end connection to the right brake pedal and was in an area under the cockpit floor where the cable had been routed around a pulley. This pulley changed the cable direction through an angle of 90°. The last renewal of the Permit to Fly from the Popular Flying Association (PFA) had been on 7 July 2000. The PFA

Inspector reported that inspection in the area of this failure is difficult. This aircraft had reportedly suffered a previous similar failure of the left wheel brake cable in the same area.