

**No: 5/88**

**Ref: 1c**

**Aircraft Type and Registration:** Piper PA-28R-180, G-AVWU

**No & Type of Engines:** 1 Lycoming IO-360-B1E piston engine

**Year of Manufacture:** 1968

**Date and Time (UTC)** 10 March 1988 at 0900 hrs

**Location** Denham Aerodrome, Uxbridge, Middlesex

**Type of Flight:** Private (pleasure)

**Persons on Board:** Crew -1 Passengers -None

**Injuries:** Crew -None Passengers -N/A

**Nature of Damage:** Minor to right wing tip, flap and aileron

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

**Commander's Age:** 45 years

**Commander's Total Flying Experience:** 167 hours (of which 52 were on type)

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

On selecting the landing gear up after take-off the right gear indicating light extinguished but the nose, left and 'in transit' lights remained illuminated. Repeated reselection and operation of the emergency gear lever failed to change the indications. A visual inspection by ATC indicated that the landing gear appeared to be in the down position. On landing, the pilot relieved the weight on the right wheel by use of aileron but at a low speed the right wing contacted the runway and the aircraft swung to the right coming to rest at the edge of the runway. The pilot was uninjured and vacated the aircraft without difficulty.

There is some considerable delay in effecting a repair, however the pilot considers that a defective hydraulic pump operating motor may have been the cause of the problem.