

No: 10/91

Ref: EW/G91/08/29

Category: 1c

**Aircraft Type and Registration:** Piper PA-34-200 Seneca, G-TEST

**No & Type of Engines:** 2 Lycoming IO-360-C1E6 piston engines

**Year of Manufacture:** 1974

**Date & Time (UTC):** 25 August 1991 at 1048 hrs

**Location:** Bournemouth International Airport, Dorset

**Type of Flight:** Public Transport

**Persons on Board:** Crew - 1 Passengers - 4

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

**Nature of Damage:** Propeller, wingtip and right main landing gear damaged

**Commander's Licence:** Commercial Pilot's Licence with Instrument and Instructor ratings

**Commander's Age:** 26 years

**Commander's Flying Experience:** 1,250 hours (of which 70 were on type)

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

The aircraft was being used for pleasure flights and six had been accomplished before the accident flight. The aircraft took off and carried out a wide circuit before making a landing on runway 26 in a wind quoted as 2 kt from the northwest and the runway surface was dry. All checks had been completed and a normal touchdown was made at about 70 kt on the runway centreline but, as the aircraft decelerated, the right main landing gear (MLG) collapsed. The aircraft slid to a standstill overlapping the edge of the runway and the pilot, having turned off the electrical master switch, ordered the passengers to disembark. There was no fire and the evacuation was accomplished, through the front and rear doors, without event.

Subsequent investigation revealed that the right MLG trunnion oleo housing had split across the barrel. This area of the MLG has been the subject of a CAA Airworthiness Directive 002-01-88 and Piper Service Bulletin 787A, each requiring 100 hour inspections of this unit, which had been carried out.