

**No: 1/88**

**Ref: 1c**

**Aircraft type and registration:** Piper PA 38-112 G-BMVL

**No & Type of engines:** 1 Lycoming O-235-L2C piston engine

**Year of Manufacture:** 1979

**Date and time (UTC):** 29 September 1987 at 1035 hrs

**Location:** Wycombe Air Park, Buckinghamshire

**Type of flight:** Training

**Persons on board:** Crew — 2 Passengers — None

**Injuries:** Crew — None Passenger — N/A

**Nature of damage:** Left landing gear detached

**Commander's Licence:** Airline Transport Pilot's Licence with full instructor's rating

**Commander's Age:** 67 years

**Commander's Total Flying Experience:** 21,260 hours (of which 1500 were on type)

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

At the end of a dual instructional exercise, the student pilot was landing the aircraft into a 12 knot wind which was aligned with the runway. The hold off was somewhat high and at a speed of about 60 knots the aircraft landed firmly, but in the opinion of the instructor it was not a heavy landing. When clear of the runway and taxiing towards the dispersal, the crew heard two sharp metallic noises and the aircraft came to rest on its left wing, tail picket point and the right main gear. It was found that the left main gear had become completely detached and the main securing bolt had sheared. The main landing gear bolts had been fitted in accordance with the most recent service bulletin issued by the manufacturer (SB 673B). The maintenance organisation responsible for the flying club have stated their intention of renewing the landing gear bolts annually.