

**Aircraft type and registration:** Piper PA 28—161 (Cherokee) G-BGKS (light single engined fixed wing aircraft)

**Year of Manufacture:** 1979

**Date and time (GMT):** 1 August 1985 at 1145 hrs

**Location:** Belfast, Aldergrove Aerodrome

**Type of flight:** Training

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

**Injuries:** Crew — 2                                  Passengers — None

**Nature of damage:** Damage to port main landing gear and flap

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

**Commander's Age:** 43 years

**Commander's Total Flying Experience:** 1,040 hours (of which 710 were on type)

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

The student pilot and his instructor intended to perform a "touch and go" landing on Runway 26 at Aldergrove aerodrome. The landing was apparently normal, but as the flaps were retracted to the take-off setting, the port wing sank to the ground as the port main undercarriage collapsed.

Some brake application was used by the instructor to prevent a violent swing to port and to keep the aircraft on the runway.

Subsequent inspection revealed that the port undercarriage torque link top attachment lugs had failed. Further information on this failure can be found in the Civil Aviation Authority's General Aviation Safety Information Leaflet Number 10/85.