

No: 12/88

Ref: EW/G88/09/13

Category: 1c

**Aircraft Type
and Registration:**

Piper PA-28-151, G-BOMR

No & Type of Engines:

1 Lycoming O-320-E3D piston engine

Year of Manufacture:

1974

Date and Time (UTC):

2 September 1988 at 1100 hrs

Location:

Bembridge, Isle of Wight

Type of Flight:

Private (pleasure)

Persons on Board:

Crew - 1

Passengers - 3

Injuries:

Crew - None

Passengers - None

Nature of Damage:

Damage to right wing leading edge, flap and aileron

Commander's Licence:

Private Pilot's Licence

Commander's Age:

33 years

**Commander's Total
Flying Experience:**

91 hours (of which 46 were on type)

Information Source:

Aircraft Accident Report Form submitted by the pilot, CAA survey report, and AAIB telephone enquiry

After a flight from Bristol (Lulsgate). An approach was being made to runway 30 at Bembridge. The reported wind was 270°/20 kt gusting to 30 kt. As the aircraft crossed the edge of the cliffs it encountered wind shear losing approximately 200 feet in height.

Full power was applied but the right wing dropped and passed through the tops of trees situated on the cliff top. The approach was contained and a landing made without further incident.

The aircraft was inspected and some damage was found to the right wing leading edge, flap, and aileron. The aircraft was flown back to Bristol later that afternoon.

Subsequently the local CAA Surveyor at Bristol examined the aircraft and was of the opinion that the damage was substantial enough to have posed a risk to the return flight. No reference to the damage was entered in the Technical Log for the Bristol to Bembridge flight.

Three sections of the right wing leading edge were replaced, as was the right flap section, and the right aileron was repaired.