

# **Piper PA-28RT-201 Arrow IV, N82507, 7 March 1996**

**AAIB Bulletin No: 6/96 Ref: EW/G96/04/11 Category: 1.3**

**Aircraft Type and Registration:**Piper PA-28RT-201 Arrow IV, N82507

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

**Year of Manufacture:**1980

**Date:** 7 March 1993

**Location:**Earls Colne Airfield, Colchester, Essex

**Type of Flight:**Private

**Persons on Board:**Crew - 1 Passengers - 2

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

**Nature of Damage:**Damage to right landing gear and wing

**Commander's Licence:**Private Pilot's Licence with IMC Rating

**Commander's Age:**72 years

**Commander's Flying Experience:**466 hours (of which 27 were on type)

Last 90 days - 7 hours

Last 28 days - 3 hours

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

The pilot reported that he landed at Earls Colne Airfield in calm wind conditions but, when the aircraft had slowed to about 30kt, the right main landing gear collapsed. The collapse was due to a sheared bolt in the landing gear side stay; it was the opinion of the engineer who carried out the repair work that the bolt had sheared as a result of a side load experienced on this or a previous landing.

The accident was not reported at the time, and only came to the attention of the AAIB when the new owner applied for the issue of an FAA Certificate of Airworthiness.