

Piper PA-34-200T, G-BEJV, 24 June 1996

AAIB Bulletin No: 8/96 Ref: EW/G96/06/36 Category: 1.3

Aircraft Type and Registration: Piper PA-34-200T, G-BEJV

No & Type of Engines: 2 Continental TSIO-360-E piston engines

Year of Manufacture: 1976

Date & Time (UTC): 24 June 1996 at 1120 hrs

Location: Runway 02, Oxford Airport

Type of Flight: Public Transport

Persons on Board: Crew - 2 Passengers - None

Injuries: Crew - None Passengers - N/A

Nature of Damage: Propeller and shock loading of an engine

Commander's Licence: Airline Transport Pilot's Licence with Flying Instructor Rating

Commander's Age: 59 years

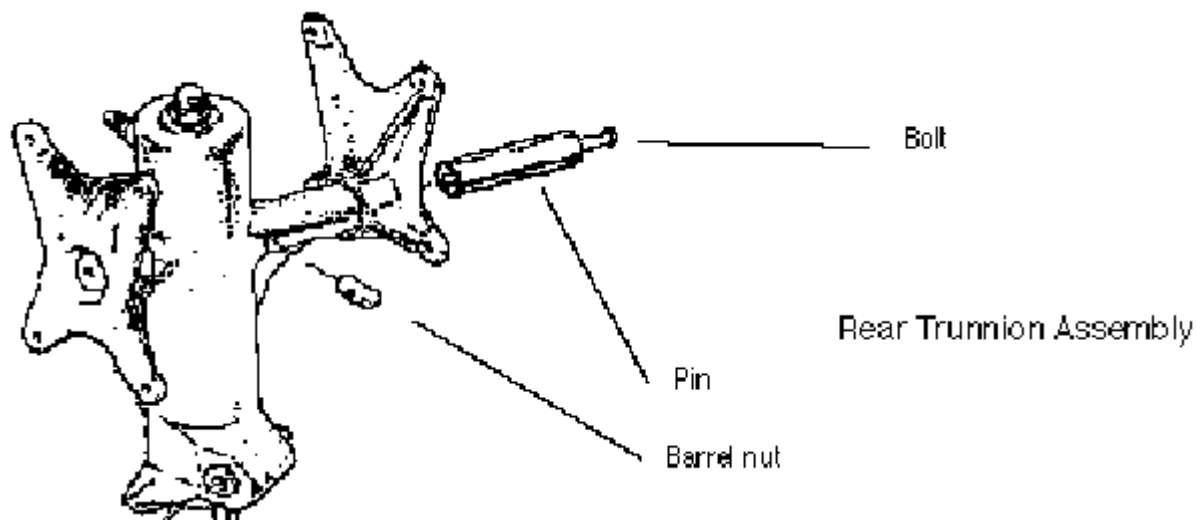
Commander's Flying Experience: 11,206 hours (of which 1,844 were on type)

Last 90 days - 141 hours

Last 28 days - 45 hours

Information Source: Aircraft Accident Report Form submitted by the pilot

The student pilot was reported to have completed a well flown asymmetric approach and landing with all landing gear indications normal. At approximately 10 kts, 30 metres from the runway turnoff, the right hand main landing gear leg collapsed; the instructor stop cocked both engines and the aircraft slewed to the right and departed the runway.



The failure was caused by the displacement of the rear main trunnion attachment bolt and pin. The pin is held into the fitting by a bolt through its centre that engages a cylindrical barrel nut containing a stiffnut. An inquiry by the maintenance organisation has concluded that the stiffnut was serviceable, but the thread engagement could not be determined after the accident due to damage; an independent check will be called for on this bolt in future. A bolt considered to have insufficient thread engagement has been found on another aircraft and a fleet check will be carried out.