

AAIB Bulletin No: 2/95 Ref: EW/G94/12/04 Category: 1.3

Aircraft Type and Registration: Bede BD-5A, G-BCOX

No & Type of Engines: N/K

Year of Manufacture: 1973

Date & Time (UTC): 14 December 1994 at 1440 hrs

Location: Chivenor Airfield, Devon

Type of Flight: Test flight

Persons on Board: Crew - 1 Passengers - None

Injuries: Crew - Minor Passengers - N/A

Nature of Damage: Significant damage to fuselage underside, main gear doors and left aileron and its attachment

Commander's Licence: Basic Commercial Pilot's Licence

Commander's Age: 58 years

Commander's Flying Experience: 4,800 hours (of which 3 were on type)
Last 90 days - 28 hours
Last 28 days - 8 hours

Information Source: Aircraft Accident Report Form submitted by the pilot

When carrying out a go-around, at about 100 feet, the engine stopped and the pilot was able to make a wheels-up landing on a stretch of grass.

The pilot reports that during the flight he had noticed some power surges and vibration both at full power and cruise power settings. Subsequent inspection of the engine showed that the drive belt teeth had been ripped off and the pilot suggests that this may have been a pre-impact fault which caused the engine failure. On later aircraft this belt and drive design has been superseded as an optional fit.