

No: 4/87

Ref: 1c

**Aircraft type and registration:** Scheibe SF25E G-KDFF

**No & Type of engines:** 1 Limbach SL 1700-EA1 piston engine

**Year of Manufacture:** 1977

**Date and time (UTC):** 29 December 1986 at 1322 hrs

**Location:** Aboyne Airfield, Deeside, Aberdeenshire

**Type of flight:** Private (pleasure)

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

**Injuries:** Crew — None                      Passengers — N/A

**Nature of damage:** Starboard outrigger detached; damage to undersurface of starboard outer mainplane

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

**Commander's Age:** 37 years

**Commander's Total Flying Experience:** 4766 hours rotary wing 366 hours fixed wing (of which 26 were on type)

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

The aircraft was executing touch and go landings on runway 27 in a surface wind slightly south of west at 15 knots gusting to 20 knots, which was causing moderate turbulence on the approach and a significant wind gradient. The second pilot was flying the aircraft and was established on what the pilot-in-command (PIC) considered to be a normal approach for a power-off landing. At a late stage of the approach the aircraft encountered a wind gradient that caused the PIC to take control and apply full power. He stated that he was slow to arrest the rate of descent and that he allowed the engine torque to yaw and roll the aircraft to the right. The starboard outrigger struck the rough ground to the right of the narrow macadam runway and separated from the aircraft, allowing the underside of the starboard wing to contact the ground. At this stage the aircraft was heading towards obstructions to the right of the normal landing path and the PIC considered it imprudent to continue the landing. Accordingly, he levelled the wings and carried out a further circuit and normal landing before terminating the flight.