

**Aviation Safety Investigation Report
199600242**

**Sindlinger Aircraft
Sidelinger Hurricane**

26 January 1996

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NOTE: All air safety occurrences reported to the ATSB are categorised and recorded. For a detailed explanation on Category definitions please refer to the ATSB website at www.atsb.gov.au.

The Bureau did not conduct an on scene investigation of this occurrence. The information presented below was obtained from information supplied to the Bureau.

Occurrence Number: 199600242 **Occurrence Type:** Accident
Location: Serpentine, (ALA)
State: WA **Inv Category:** 4
Date: Friday 26 January 1996
Time: 1038 hours **Time Zone** WST
Highest Injury Level: None

Aircraft Manufacturer: Sindlinger Aircraft
Aircraft Model: HH-1
Aircraft Registration: VH-AFW **Serial Number:** W140
Type of Operation: Non-commercial Practice
Damage to Aircraft: Substantial
Departure Point: Serpentine WA
Departure Time: 1000 WST
Destination: Serpentine WA

Crew Details:

Role	Class of Licence	Hours on	
		Type	Hours Total
Pilot-In-Command	Private	15.0	250

Approved for Release: Thursday, February 1, 1996

The pilot reported that he was practicing circuits and landings at the time of the accident. During an approach for a touch-and-go landing the aircraft encountered windshear at a height of about 15 ft resulting in a heavy landing. The pilot applied power and continued for another circuit.

It was the pilot's normal practice not to retract the gear during circuit training. He noted that the gear indications were still green, despite the heavy landing, during his pre-landing checks for the final circuit.

The aircraft's touchdown appeared normal but both main landing gear legs collapsed during the landing roll.

A post-accident inspection indicated that the right main gear attachment bracket probably suffered an overload failure during the heavy landing but the leg was held in place by the drag brace thus providing a safe (green) indication. During the final landing the right leg brace failed allowing the leg to collapse. The asymmetric loads then caused the left leg to collapse.