

No: 9/89

Ref: EW/G89/07/02

Category: 1c

Aircraft Type and Registration:	Stinson 105, G-BMSA
No & Type of Engines:	1 Continental Motors Corp A75 piston engine
Year of Manufacture:	1939
Date and Time (UTC):	1 July 1989 at 1040 hrs
Location:	Cranfield aerodrome, Beds
Type of Flight:	Private (pleasure)
Persons on Board:	Crew - 1 Passengers - None
Injuries:	Crew - None Passengers - N/A
Nature of Damage:	Left landing gear leg collapsed, damaged left wing and horizontal stabiliser, minor damage to one propeller tip
Commander's Licence:	Private Pilot's Licence
Commander's Age:	45 years
Commander's Total Flying Experience:	323 hours (of which 56 were on type)
Information Source:	Aircraft Accident Report Form submitted by the pilot

During the Popular Flying Association (PFA) rally at Cranfield, the aircraft was flying the downwind leg of a left circuit for runway 22, the runway in use for landing. Another aircraft had been heard to request runway 26, but was told to re-position for runway 22.

The Cranfield PFA Rally instructions, published before the event, stated that if the wind was from the west or southwest and less than 10 kt mean speed, runway 22 would be used for take-off and runway 26 for landing. If the crosswind was greater than 10 kt, single runway operation would take place. The wind, as the aircraft joined the circuit, was given as 270°/17 kt.

When the aircraft was on the final approach for runway 22, considerable turbulence was noted, with drift to the left. Immediately after touchdown the right wing lifted and the aircraft began to weathercock into wind, collapsing the left landing gear leg under the fuselage. When the aircraft came to rest, still on the runway centreline, the pilot immediately vacated the aircraft.

The pilot states that he noted that the runway was changed to 26 immediately after his accident.