

ACCIDENT

Aircraft Type and Registration:	SAN Jodel DR1050 Ambassadeur, D-EAKM	
No & type of Engines:	1 Continental Motors Corp O-200-A piston engine	
Year of Manufacture:	1960	
Date & Time (UTC):	17 August 2006 at 1533 hrs	
Location:	Kemble Airfield, near Cirencester	
Type of Flight:	Private	
Persons on Board:	Crew - 1	Passengers - 2
Injuries:	Crew - None	Passengers - None
Nature of Damage:	Main landing gear legs collapsed; damage to left wing, underfuselage fairing and propeller	
Commander's Licence:	Commercial Pilot's Licence	
Commander's Age:	35 years	
Commander's Flying Experience:	3,770 hours (of which 1,001 were on type) Last 90 days - 46 hours Last 28 days - 13 hours	
Information Source:	Aircraft Accident Report Form submitted by the pilot	

Synopsis

During the landing roll the aircraft turned into wind and the pilot was unable to arrest the turn. The main landing gear legs collapsed causing additional damage to the wing and propeller.

History of the flight

The Jodel DR1050 is a low-wing aircraft with a tailwheel landing gear. The aircraft was on approach to Runway 08 at Kemble with a direct crosswind from the right of 15 kt. The pilot reported that the approach was normal and that he was using a 'right wing low' sideslip technique to correct for the wind drift. The aircraft touched down on all three wheels simultaneously and rolled normally for

a distance of 200 to 250 metres. During the deceleration the pilot felt the tailwheel starting to vibrate and shimmy, then the aircraft began to turn right into the wind. The pilot applied full left rudder and brakes but was not able to arrest the turn. Prior to reaching the runway edge both main landing gear legs collapsed.

Pilot's assessment of the cause

In an open and frank report the pilot stated that he applied the rudder too late to stop the turn and he should have tried to stop the tailwheel shimmy. Contributory factors were the strong crosswind and weak brakes, which were out of adjustment.