

**Aviation Safety Investigation Report
199900529**

**Yakovlev
55-M**

07 February 1999

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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.

Occurrence Number: 199900529 **Occurrence Type:** Accident
Location: Camden, Aerodrome
State: NSW **Inv Category:** 4
Date: Sunday 07 February 1999
Time: 1511 hours **Time Zone** ESuT
Highest Injury Level: None

Aircraft Manufacturer: Yakovlev
Aircraft Model: 55-M
Aircraft Registration: RA-44512 **Serial Number:**
Type of Operation: Non-commercial Practice
Damage to Aircraft: Substantial
Departure Point: Camden NSW
Departure Time: 1511 ESuT
Destination: Camden NSW

Crew Details:

Role	Class of Licence	Hours on	
		Type	Hours Total
Pilot-In-Command	Commercial	101.0	2003

Approved for Release: Thursday, August 19, 1999

The pilot reports that he intended to conduct a practice flight to rehearse for an upcoming air display. His intention was to activate the aircraft's display smoke system on the runway threshold and complete a tight turn through 360 degrees, prior to commencing the take-off roll. This would be followed by a steep climb out to position the aircraft for commencement of the airborne display routine. A gusting crosswind was blowing across the runway being used for departure.

The pilot indicates that after turning left through approximately 90 degrees, the aircraft accelerated sideways across the grass and the right main wheel began to skip. The pilot was unable to maintain control of the aircraft and the right wheel appeared to dig into the grass runway surface. The aircraft was observed to nose over, before toppling onto its back. The pilot was not injured.

The pilot states that the loss of control was most likely a combination of the gusting crosswind conditions and the right main wheel digging into the soft runway surface.

