

Jabiru UL, G-BYNR

AAIB Bulletin No: 5/2002	Ref: EW/G2002/03/04	Category: 1.3
Aircraft Type and Registration:	Jabiru UL, G-BYNR	
No & Type of Engines:	1 Jabiru Aircraft PTY 2200A piston engine	
Year of Manufacture:	1998	
Date & Time (UTC):	2 March 2002 at 1050 hrs	
Location:	Sandtoft Aerodrome, Doncaster	
Type of Flight:	Private	
Persons on Board:	Crew - 1	Passengers - 1
Injuries:	Crew - Minor	Passenger - Serious
Nature of Damage:	Extensive	
Commander's Licence:	Private Pilots Licence	
Commander's Age:	65 years	
Commander's Flying Experience:	1,590 hours (of which 389 on type)	
	Last 90 days 35 hours	
	Last 28 days 11 hours	
Information Source:	Aircraft Accident Report Form submitted by the pilot	

The aircraft landed on Runway 23 at Sandtoft Aerodrome after a local flight. The surface wind was reported as being 310°/12 kt. The landing was normal and at about 20 kt the pilot turned the aircraft to the left, intending then to turn right through 180° to backtrack. As the aircraft turned to the left, the right wing and landing gear lifted, causing a further deviation to the left. The pilot returned the aircraft to a level attitude but it departed the side of the 18 metre wide paved runway and hit a concrete slab which secured a lighting unit. The nose landing gear leg was pushed backwards and the aircraft nosed over into soft ground and slowly pitched inverted.

The aircraft was fitted with lap and diagonal shoulder strap type of harnesses which were being worn by both occupants. The passenger suffered a cracked breastbone, probably as a result of the shoulder harness restraining the deceleration loads.

The crosswind landing limit for the aircraft type is 14 kt. The section of runway where the pilot commenced the turn was located downwind of several hangars. The pilot attributed the accident to a gust of wind and in hindsight considered that he should have brought the aircraft to a halt on the centreline before attempting to turn.