

# Robinson R22 Beta, G-BXTU

<b>AAIB Bulletin No:</b> 3/2003	<b>Ref:</b> EW/G2003/01/05	<b>Category:</b> 2.3
<b>Aircraft Type and Registration:</b>	Robinson R22 Beta, G-BXTU	
<b>No &amp; Type of Engines:</b>	1 Lycoming O-360-J2A piston engine	
<b>Year of Manufacture:</b>	1998	
<b>Date &amp; Time (UTC):</b>	5 January 2003 at 1104 hrs	
<b>Location:</b>	Cranfield Airport, Bedfordshire	
<b>Type of Flight:</b>	Training	
<b>Persons on Board:</b>	Crew - 2	Passengers - None
<b>Injuries:</b>	Crew - 2 (Minor)	Passengers - N/A
<b>Nature of Damage:</b>	Severe damage to main rotor system, fuselage and landing gear.	
<b>Commander's Licence:</b>	Private Pilots Licence with Instructors Rating	
<b>Commander's Age:</b>	30 years	
<b>Commander's Flying Experience:</b>	701 hours (of which 673 were on type)	
	Last 90 days - 37 hours	
	Last 28 days - 10 hours	
<b>Information Source:</b>	Aircraft Accident Report Form submitted by the pilot	

The instructor and his student pilot had completed an uneventful one-hour training flight involving circuit practice. The student had successfully hover taxied back to the apron and had attempted one landing into the light wind which he abandoned and raised the aircraft back into a hover which he then stabilised. On the second attempt to land the left skid touched the ground in what the instructor considered was a normal manner with a small bounce to the right skid at which point the student fully raised the collective lever and applied full left pedal. The instructor who had been following through on the controls the whole time, was unable to override the students control inputs due to the students additional strength brought on by the situation. The aircraft yawed through 180° to the left, and at the same time rolled to the right impacting the surface of the apron coming to rest on its right side. An aircraft ground incident was declared by the duty Air Traffic Control Officer and both occupants vacated the aircraft through the left door with minor injuries.

The instructor concluded that the total duration of event was less than three seconds and despite his attempts to correct the situation, he was unable to overpower the control inputs of the student.