

ACCIDENT

Aircraft Type and Registration:	Thruster T600N 450, G-REDZ	
No & Type of Engines:	1 Jabiru Aircraft Pty 2200A piston engine	
Year of Manufacture:	2003	
Date & Time (UTC):	15 July 2007 at 1450 hrs	
Location:	Redlands, Wiltshire	
Type of Flight:	Private	
Persons on Board:	Crew - 1	Passengers - 1
Injuries:	Crew - 1 (Minor)	Passengers - 1 (Minor)
Nature of Damage:	Damaged beyond economic repair	
Commander's Licence:	National Private Pilot's Licence	
Commander's Age:	39 years	
Commander's Flying Experience:	84 hours (of which 83 were on type) Last 90 days - 6 hours Last 28 days - 2 hours	
Information Source:	Aircraft Accident Report Form submitted by the pilot	

Synopsis

Whilst carrying out a practice engine failure after takeoff (EFATO), at about 100 feet agl the aircraft developed a steep nose-down attitude. The pilot attempted to arrest the descent rate by pulling back on the control stick. The aircraft's nose struck the ground and the aircraft came to rest inverted.

History of the flight

After a short uneventful local flight, the aircraft landed at Redlands, Wiltshire. The pilot then decided to carry out a practice engine failure after takeoff (EFATO). The intention was to use the full length of Runway 06 and to carry out the EFATO before landing back on the remaining runway and stopping within its 650 metre length. The pilot had carried out this manoeuvre several times before, but not with a passenger.

The takeoff and initial climb were uneventful. At about 100 feet agl the pilot closed the throttle and began the practice EFATO. The aircraft then descended in a steep nose-down attitude and, in an attempt to slow the descent rate, the pilot pulled back on the control stick. There was little response from the elevator, the aircraft's nose struck the ground and the aircraft came to rest inverted. Fuel was leaking from the fuel cap but there was no fire.

The pilot and passenger, who had been wearing four-point harnesses, were uninjured in the accident. The pilot managed to release his harness, before assisting his passenger with hers. Whilst exiting the aircraft both the pilot and passenger suffered grazes to their shins.