

ACCIDENT

Aircraft Type and Registration:	Europa XS, G-CGDH	
No & Type of Engines:	1 Rotax 912 ULS piston engine	
Category:	1.3	
Year of Manufacture:	2004	
Date & Time (UTC):	27 August 2005 at 1450 hrs	
Location:	North Moor, Lincolnshire	
Type of Flight:	Private	
Persons on Board:	Crew - 1	Passengers - None
Injuries:	Crew - None	Passengers - N/A
Nature of Damage:	Port wing to be replaced, propeller damaged, engine shock loaded and fuselage damage	
Commander's Licence:	Private Pilot's Licence	
Commander's Age:	60 years	
Commander's Flying Experience:	300 hours (of which 13 were on type) Last 90 days - 3 hours Last 28 days - 0 hours	
Information Source:	Aircraft Accident Report Form submitted by the pilot	

Following a normal approach to the grass Runway 27 at North Moor, the aircraft touched down harder than the pilot considered desirable, causing it to bounce and roll to the right. The pilot attempted to correct the manoeuvre by applying power and left aileron, but the right wing continued to drop. The pilot was unable to prevent the right wing from striking the ground, which caused the aircraft to rotate clockwise through 180° and roll to the left. The left wing impacted the ground during this final manoeuvre, which also resulted in two of the three propeller blades braking off. The aircraft

came to rest upright, facing east in a field of short cereal crop adjacent to the runway. There was no fire and the uninjured pilot vacated the aircraft unaided. In his comprehensive and frank statement to the AAIB, the pilot attributed the accident to his lack of currency on this type of aircraft. Its landing gear, comprising a single large main wheel, a tail wheel and wing outriggers, is known to produce unusual handling characteristics on touchdown. Also, at low speed following the bounce, the attempt to roll level using aileron probably stalled the right wing, preventing recovery.