

ACCIDENT

Aircraft Type and Registration:	Rans S6-ESD Coyote II, G-MYGP	
No & Type of Engines:	1 Rotax 503 piston engine	
Year of Manufacture:	1992 (Serial no: PFA 204-12368)	
Date & Time (UTC):	3 April 2016 at 1400 hrs	
Location:	North Moor Airfield, Lincolnshire	
Type of Flight:	Private	
Persons on Board:	Crew - 1	Passengers - 1
Injuries:	Crew - None	Passengers - None
Nature of Damage:	Right Main Landing Gear (MLG) leg detached	
Commander's Licence:	Private Pilot's Licence	
Commander's Age:	71 years	
Commander's Flying Experience:	670 hours (of which 35 were on type) Last 90 days - 8 hours Last 28 days - 8 hours	
Information Source:	Aircraft Accident Report Form submitted by the pilot	

The aircraft was returning to North Moor Airfield after a flight of about one hour. On the downwind leg to land on Runway 09, the pilot followed his usual practice with two-stroke engines and ran the engine up to maximum rpm. Shortly after turning base leg, he reduced power but the engine stopped; he radioed to report the problem and attempted to restart but to no avail.

The pilot elected to land straight ahead into a field with a short crop. The landing was successful but, as the aircraft came to a halt, the right mainwheel slid into a rut made by a tractor, resulting in detachment of the landing gear leg. The pilot believes that carburettor icing was responsible for the engine failure and has subsequently fitted an electrical carburettor heating system with its associated switch and ammeter, plus a carburettor temperature gauge.