

Rans S6-116, G-BXCU

AAIB Bulletin No: 9/97 Ref: EW/G97/07/07 Category: 1.3

Aircraft Type and Registration:	Rans S6-116, G-BXCU
No & Type of Engines:	1 Rotax 912 piston engine
Year of Manufacture:	1997
Date & Time (UTC):	5 July 1997 at 1130 hrs
Location:	Oxton, North Yorkshire
Type of Flight:	Private
Persons on Board:	Crew - 1 - Passengers - 1
Injuries:	Crew - None - Passengers - None
Nature of Damage:	Nosewheel, propeller and engine cowling damaged.
Commander's Licence:	Private Pilot's Licence
Commander's Age:	43 years
Commander's Flying Experience:	150 hours (of which 22 were on type) Last 90 days - 22 hours Last 28 days - 10 hours
Information Source:	Aircraft Accident Report Form submitted by the pilot and telephone enquiries by the AAIB

The pilot was making an approach to Runway 03 at Oxton; the surface wind was 300_/10 to 15 kt. On the left side of the threshold is an earth embankment approximately 15 feet high on top of which, parallel to the runway, is a line of chicken sheds also approximately fifteen feet high. The net effect of these features is to cause a down draught over the threshold when the wind is from the west as it was on this occasion. The pilot had not flown into this airfield before and was unaware of this phenomenon. On encountering the down draught he reported that he pulled the stick back to counter the sink but omitted to increase the power. As a result the aircraft struck the ground firmly and damaged the nosewheel so that the propeller contacted the ground.