

Rans S6-116, G-BXBN, 15 April 2001 at 1700 hrs

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Aircraft Type and Registration: Rans S6-116, G-BXBN
No & Type of Engines: 1 Rotax 582 piston engine
Year of Manufacture: 1996
Date & Time (UTC): 15 April 2001 at 1700 hrs
Location: North Coates, Lincolnshire
Type of Flight: Private
Persons on Board: Crew - 1 - Passengers - None
Injuries: Crew - 1 (Minor) - Passengers - N/A
Nature of Damage: Propeller, engine cowlings and nosegear
Commander's Licence: Private Pilot's Licence
Commander's Age: 52 years
Commander's Flying Experience: 279 hours (of which 58 were on type)
Last 90 days - 15 hours
Last 28 days - 6 hours
Information Source: Aircraft Accident Report Form submitted by the pilot

The pilot had planned a local flight from North Coates airfield. The flight was uneventful and the pilot returned to land. The aircraft was on the downwind leg for Runway 06 at 500 feet when the engine coughed and then stopped. The pilot landed in a ploughed field and the aircraft came to rest inverted. The pilot, who received minor injuries, vacated the aircraft unassisted. The pilot reported that when the aircraft was recovered the engine turned freely and he suspected that he had experienced carburettor icing.

An aftercast provided by the Meteorological Office indicated that at the surface the temperature was +7° and the dewpoint was +2°, the relative humidity was calculated to be 71%. Even allowing for the minor differences present at 500 feet this places the aircraft in conditions where serious carburettor icing is likely to occur at any power setting.