

Beech 36, N8258F

AAIB Bulletin No: 5/2003	Ref: EW/G2003/02/16	Category: 1.3
Aircraft Type and Registration:	Beech 36, N8258F	
No & Type of Engines:	1 Continental TSIO 520 piston engine	
Year of Manufacture:	1990	
Date & Time (UTC):	23 February 2003 at 1421 hrs	
Location:	Tregorras Farm, Llangorren	
Type of Flight:	Private	
Persons on Board:	Crew - 1	Passengers - None
Injuries:	Crew - None	Passengers - N/A
Nature of Damage:	Airframe, engine and landing gear damage	
Commander's Licence:	FAA Commercial Pilot's Licence	
Commander's Age:	45 years	
Commander's Flying Experience:	700 hours (of which 200 were on type) Last 90 days - 1 hour Last 28 days - 1 hour	
Information Source:	Aircraft Accident Report Form submitted by the pilot	

The pilot was attempting to practice a short field takeoff from grass Runway 22 (800 metres long) at Tregorras Farm. The runway has a 4° upslope for the first 400 metres and is then level. To reduce his take-off distance to a minimum the pilot held full up elevator from the start of the take-off roll until the nosewheel lifted at 60 kt. The aircraft became airborne and stabilised at 60 kt, with the stall warning horn operating in a high nose attitude approximately 20 feet above the ground. In an attempt to reduce the drag the pilot raised the landing gear. Unfortunately there was an increase in drag as the landing gear bay doors opened. The pilot was unable to see the end of the runway and decided to abort the takeoff. He selected the landing gear down and as he reduced power the aircraft descended, touching down in a nose high attitude with the landing gear still partially retracted. The aircraft veered off the runway and stopped approximately 200 metres from the end. The pilot exited the aircraft without injury. He reported that the unusual visual cues from the steep sloping runway led to a higher nose attitude than normal and premature raising of the landing gear prevented him carrying out a normal aborted takeoff.