

ACCIDENT

Aircraft Type and Registration:	Gulfstream AA-5A Cheetah, G-RATE	
No & Type of Engines:	1 Lycoming O-320-E2G piston engine	
Year of Manufacture:	1978	
Date & Time (UTC):	13 May 2010 at 1617 hrs	
Location:	Leicester Airfield, Leicestershire	
Type of Flight:	Private	
Persons on Board:	Crew - 1	Passengers - 3
Injuries:	Crew - None	Passengers - None
Nature of Damage:	Wings scratched, tailplane and one runway light damaged	
Commander's Licence:	Private Pilot's Licence	
Commander's Age:	20 years	
Commander's Flying Experience:	59 hours (of which 8 were on type) Last 90 days - 2 hours Last 28 days - 2 hours	
Information Source:	Aircraft Accident Report Form submitted by the pilot	

The accident flight was the pilot's first flight in the aircraft as pilot in command with three passengers onboard. As part of the pre-takeoff checks, he set the pitch trim to a position he thought appropriate for the aircraft loading. However, during the subsequent takeoff, the aircraft became airborne several knots less than the published rotate speed. Shortly afterwards the pilot felt the right wing drop. He reduced the engine speed to idle and landed the aircraft back on the runway, during which

both wing tips and the tail contacted the ground. He then applied the brakes, bringing the aircraft to a full stop in the grass field at the end of the paved runway. The pilot considered that he selected too much nose-up trim for takeoff and allowed the aircraft to get airborne prematurely. He believed that the aircraft then stalled and landed heavily back on the runway.