

Gulfstream AA-5A, G-BXCY

AAIB Bulletin No: 6/2000 Ref:EW/G2000/04/17 Category:1.3

Aircraft Type and Registration:	Gulfstream AA-5A, G-BXCY
No & Type of Engines:	1 Lycoming O-320-E2G piston engine
Year of Manufacture:	1978
Date & Time (UTC):	6 April 2000 at 1022 hrs
Location:	Cranfield Airport, Bedfordshire
Type of Flight:	Training
Persons on Board:	Crew 1 - Passengers - None
Injuries:	Crew None - Passengers - N/A
Nature of Damage:	Bent nose gear and Torque tube
Commander's Licence:	Student Pilot
Commander's Age:	22 years
Commander's Flying Experience:	22 hours (of which 16 were on type) Last 90 days - 16 hours Last 28 days - 4 hours

Information Source: Aircraft Accident Report Form submitted by the pilot

The student pilot had completed 1 hour 20 minutes of circuit and landing training with an instructor and, following a break, was authorised for a similar solo exercise.

The first take off and circuit were flown normally and the aircraft was correctly positioned on the final approach with full flap selected. The pilot rounded out and reduced power higher than normal and the aircraft sank rapidly, landing heavily on both the main and nose landing gear at the same time. The aircraft bounced and the pilot applied full power performing a successful go around. Although the landing had been hard, no damage was detected but the pilot noted that the aircraft nose had seemed slightly lower than before.

A further five circuits were flown and the aircraft taxied back to the parking area where the person conducting the refuel noticed that the nose landing gear was slightly bent backwards and reported the matter to operations.