

# Grumman G-21A, N93GS, 19 September 1996

**AAIB Bulletin No: 12/1996**

**Ref: EW/G96/09/14 Category: 1.2**

<b>Aircraft Type and Registration:</b>	Grumman G-21A, N93GS
<b>No &amp; Type of Engines:</b>	2 Pratt & Whitney R-985-AN6 piston engine
<b>Year of Manufacture:</b>	1943
<b>Date &amp; Time (UTC):</b>	19 September 1996 1510 hrs
<b>Location:</b>	Elstree Airport, Borehamwood, Herts
<b>Type of Flight:</b>	Private
<b>Persons on Board:</b>	Crew - 2 - Passengers - None
<b>Injuries:</b>	Crew - None - Passengers - N/A
<b>Nature of Damage:</b>	Right main landing gear
<b>Commander's Licence:</b>	Commercial Pilot's Licence (USA) with multi-engine and seaplane ratings
<b>Commander's Age:</b>	57 years
<b>Commander's Flying Experience:</b>	7,000 hours (of which 100 were on type) Last 90 days - 30 hours Last 28 days - 10 hours
<b>Information Source:</b>	Aircraft Accident Report Form submitted by the pilot

The Grumman G21A, known in military service as the Goose, is a high-wing amphibian with a boat-shaped hull and floats mounted on outriggers beneath each wing. The landing gear consists of two retractable main gears mounted on parallelogram linkages and a retractable tailwheel.

Following a touchdown described by the pilot as "firm but not heavy" the right hand main landing gear collapsed. The aircraft swung onto the grass on the north side of the runway incurring no additional damage. Later examination showed that the drag links on the right main landing gear leg had failed.