

No: 11/88

Ref: EW/G88/08/14

Category: 1b

Aircraft Type and Registration: Cessna 340A, Ram Series 4, N6829R

No & Type of Engines: 2 Continental TSIO-520-B piston engines

Year of Manufacture: 1981

Date and Time (UTC): 29 August 1988 at 1805 hrs

Location: Guernsey Airport

Type of Flight: Private (business)

Persons on Board: Crew - 1 Passengers - None

Injuries: Crew - None Passengers - N/A

Nature of Damage: Damage to right engine and propeller, right wing lower surface, flaps, aileron and landing gear door

Commander's Licence: FAA Commercial Licence

Commander's Age: 43 years

Commander's Total Flying Experience: 507 hours (of which 102 hours were on type)

Information Source: Aircraft Accident Report Form submitted by the pilot

After an uneventful flight from Luton Airport, the pilot failed to obtain a right main landing gear-safe light after the gear had been selected down on approach to Guernsey Airport. In addition, the master landing gear unsafe light was on and the associated audible warning. Several attempts were made to re-cycle the landing gear using both the normal and manual systems, but with no success. After visual checks had been carried out from the ground, which indicated that all three landing gears were apparently down, a landing was carried out on Runway 27. However, as airspeed was lost during the ground-roll the right landing gear collapsed, the aircraft slewed to the right and collided with a runway light, before coming to a halt at the side of the runway. The pilot was uninjured and was able to vacate the aircraft unaided.

Subsequent examination of the right landing gear by a local maintenance organisation revealed that its operating mechanism was suffering from a lack of lubrication, the resultant stiffness in several joints having prevented it from locking-down.

The last maintenance check, an FAA Annual Inspection, was carried out in the USA on 30 November 1987.