

No: 1/83

Ref: EW/G82/09/04

Aircraft: Cessna Citation II G-MINE

Year of Manufacture: 1982

Date and time (GMT): 17 September 1982 at 13.32 hrs

Location: Sturgate Airport

Type of flight: Business Executive

Persons on board: Crew - 2 Passengers - 4

Injuries: Crew - Nil Passengers - Nil

Nature of damage: Damage to nose gear, minor damage to lower forward fuselage

Commander's Licence: ATPL

Commander's Age 36 years

Commander's total flying experience: 6013 hours (of which 80 hours were on type)

On touchdown at Sturgate, after an uneventful flight from Dusseldorf, the nose wheel became detached from the nose undercarriage forks and ran back under the forward fuselage. The aircraft was brought to rest some 650 metres along the 860 metre runway with the aid of the thrust reversers, the aircraft being supported by the mainwheels and nose undercarriage forks. The tyre fitted to the nose wheel was found in a deflated condition with no evidence to suggest a puncture. All components of the nose undercarriage were recovered with the exception of the nut from the axle retaining bolt. Examination of this bolt revealed its threads to have been sheared in an axial sense and the nut retaining split pin, the central portion of which had remained in the drillway through the bolt tail, had been sheared by the nut moving axially, not rotationally, along the threads.

No evidence of pre-existing defects within the damaged nose undercarriage components was identified.

The weather at the time of landing was reported as wind 135°/7 Kts, temperature +16°C, dry daylight conditions with 6 Km visibility in haze. The runway length required for this aircraft landing under these conditions at its quoted weight of 11,857 lb is given by the manufacturers as 718 metres.