

No: 11/83

INCIDENT REPORT

Ref: EW/G83/04/13

Aircraft type and registration: Cessna 404 Titan G--OEMA (twin engine, business or commuter fixed wing aircraft)

Year of manufacture:

Date and time (GMT): 16 April 1983

Location: Belfast Airport

Type of flight: Positioning after commercial cargo flight

Persons on board: Crew – 1 Passengers – Nil

Injuries: Crew – Nil Passengers – N/A

Nature of damage: Burst tyre, wheel rim destroyed, minor damage to noseleg

Commander's Licence: Air transport Pilot's Licence

Commander's Age: 35 years

Commander's total flying experience: 4430 hours (of which 450 hrs were on type)

During the take-off run, at 50 to 60 knots, the nosewheel tyre deflated and the nosewheel turned full right causing the wheel rim to disintegrate. Take-off was abandoned and directional control maintained using differential power.

The results of an investigation suggested that the initial failure may have been a separation of the inner tube valve due to deterioration of the rubber.