ACCIDENT

Aircraft Type and Registration:	Cessna 208B Grand Caravan, G-BZAH
No & Type of Engines:	1 Pratt & Whitney Canada PT6A-114A turboprop engine
Year of Manufacture:	2000 (Serial no: 208B0811)
Date & Time (UTC):	21 February 2018 at 1630 hrs
Location:	Netheravon Airfield, Wiltshire
Type of Flight:	Private
Persons on Board:	Crew - 1 Passengers - None
Injuries:	Crew - None Passengers - N/A
Nature of Damage:	Nose gear drag link spring failure
Commander's Licence:	Commercial Pilots Licence
Commander's Age:	36 years
Commander's Flying Experience:	3,000 hours (of which 2,100 were on type) Last 90 days - 150 hours Last 28 days - 40 hours
Information Source:	Aircraft Accident Report Form submitted by the pilot and further work comissioned by the operator

The pilot reported that during the landing roll, following a normal landing, he heard a loud bang, after which the aircraft nose appeared to be lower than normal. He stopped the aircraft and shut it down to carry out an inspection. This identified that the nose landing gear drag link spring had failed (Figure 1).

A detailed analysis of the failed part, carried out on behalf of the operator, indicated that the failure was most likely due to damage to the protective coating which had allowed the high-strength steel material to be exposed to moisture. A corrosion fatigue mechanism then led to the crack which resulted in the failure.

The failure is being dealt with through normal continued airworthiness processes.

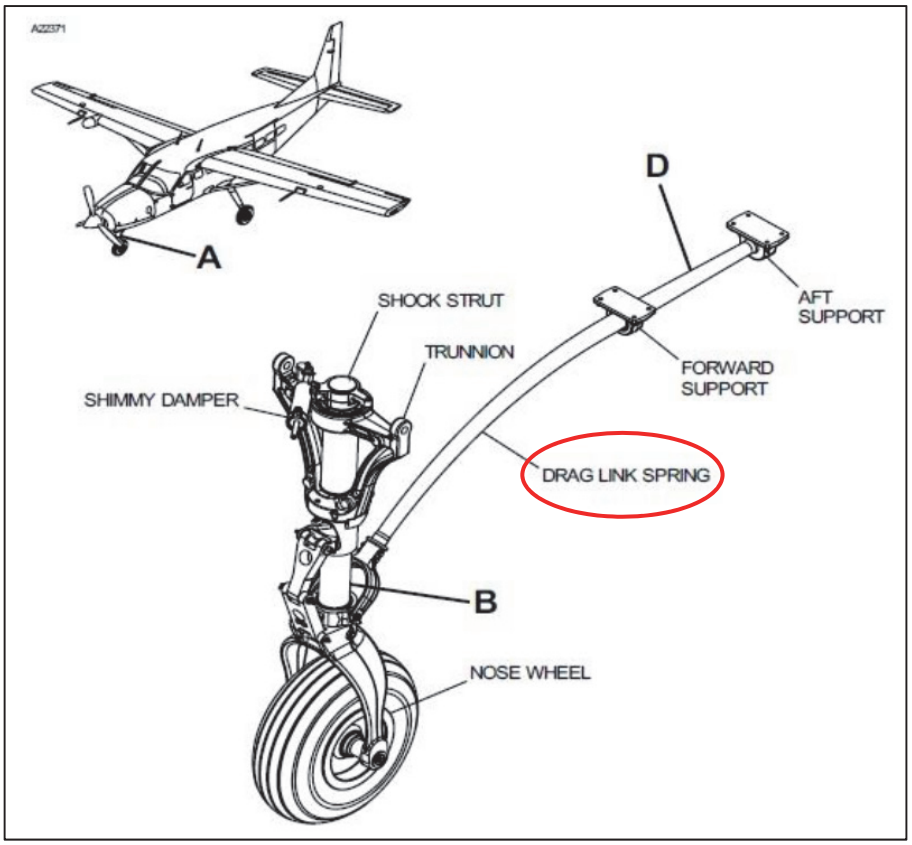

Figure 1

General arrangement of nose landing gear