

ACCIDENT

Aircraft Type and Registration:	Cessna 525A, N525DT
No & Type of Engines:	2 Williams FJ44 turbofan engines
Year of Manufacture:	2000
Date & Time (UTC):	17 May 2017 at 0929 hrs
Location:	Gloucestershire Airport
Type of Flight:	Private
Persons on Board:	Crew - 1 Passengers - 1
Injuries:	Crew - None Passengers - None
Nature of Damage:	Minor damage to the right main landing gear door and right flap
Commander's Licence:	Airline Transport Pilot's Licence
Commander's Age:	56 years
Commander's Flying Experience:	3,800 hours (of which 1,020 were on type) Last 90 days - 57 hours Last 28 days - 21 hours
Information Source:	Aircraft Accident Report Form submitted by the pilot

The aircraft completed an ILS/DME approach to Runway 27 at Gloucestershire Airfield. The pilot reported the weather to be raining with broken clouds at 500 ft, a temperature of 13°C, 5,000 m visibility, and negligible wind. A runway inspection conducted approximately 5 minutes prior to the incident indicated that the runway surface state was wet with water patches.

After landing the pilot reported that the aircraft brakes were inoperative. He steered the aircraft off the runway to a clear grassy area on the right hand side, where it came to rest. The aircraft sustained minor dents on the right main landing gear door and on the right flap.

Subsequent engineering work could not replicate the reported brake fault. However, as a precaution, the brake cable rigging was checked, and the brake metering valve and the anti-skid computer were replaced.