

Cawthra Joshua

From: Little Thomas
Sent: Wednesday, July 7, 2021 4:25 PM
To: Cawthra Joshua
Subject: Fwd: N764SU, Beech BE-55 landing gear examination findings

Statement from the Vegas Aviation DOM, Jonathan Bogart.

Get [Outlook for iOS](#)

From: Jonathan Bogart [REDACTED]
Sent: Wednesday, July 7, 2021 10:50 AM
To: Little Thomas; [REDACTED]
Subject: Re: N764SU, Beech BE-55 landing gear examination findings

[CAUTION] This email originated from outside of the organization. Do not click any links or open attachments unless you recognize the sender and know the content is safe.

I've removed floor boards to access the landing gears motor and components inside the fuselage. I did not find any mechanical failure resulting in the incident. Upon inspection I have found the left main tire has been flat spotted through the tire and the tube which leads me to believe it was operational not mechanical. I believe the pilot or copilot got on the brakes hard and it blew the tire, leading the aircraft to yaw left on roll out. I would assume the struggle to keep it on centerline put a side load on the left main which cause the left landing gear actuator arm to bend allowing the gear to unlock when the aircraft went off the runway. I've attached photos of the gear system. You can see where the gear actuator rod has bent up and forward contacting the flap drive cable from the result of the gear leg folding. I have not found any cracks in the spar but I feel it should be NDT inspected to confirm.

Thanks

Jonathan