

From: [Baker Daniel](#)
To: [Baker Daniel](#)
Subject: FW: N182PP
Date: Tuesday, January 26, 2021 10:13:46 AM

From: Crookshanks Clinton [REDACTED]
Sent: Tuesday, January 12, 2021 7:52 AM
To: Aguilera Jason [REDACTED] >
Cc: Deforge Carolyn [REDACTED]; Crookshanks Clinton [REDACTED];
Rodi Jennifer [REDACTED] >
Subject: RE: N182PP

Jason,

The airplane suffered a NLG collapse that damaged the propeller and forward fuselage. Photos supplied by the FAA show wrinkling of the left side of the fuselage between the firewall and cabin. The wrinkling suggests that there is underlying damage to the structure though we don't have any photos of the interior structure. One of the two diagonal stiffeners on the firewall is buckled. These are not considered the firewall and cannot be excluded. These stiffeners react the NLG and engine mount loads into the fuselage and are considered primary structure for our purposes. The damage would adversely affect the structural strength and requires a major repair or replacement. Therefore, this is considered substantial damage.

Let me know if you have any questions.

Thanks,

Clint Crookshanks

Aerospace Engineer (Structures)
National Transportation Safety Board

[REDACTED]