

Ryan Enders
Aviation Accident Investigator
ERA

Date: January 31, 2024

Subject: ERA24LA092, Discussion with Airframe Manufacturer on the o-ring and packing

Contact: Henry Soderlund, Manger of Air Safety Investigations, Textron Aviation,

Mr. Soderlund was contacted by e-mail at [REDACTED] to discuss the packing and o-ring inside of a master cylinder in a Cessna 172. Mr. Soderlund was shown a photo from the accident airplane right-hand master cylinder.

Mr. Soderlund stated that once an o-ring takes a set and/or gets flat spotted it could allow fluid to pass, not always consistently. He provided an example that it may work fine at a low pressure but then allow fluid to bypass at higher pressure.