

Eric Gutierrez

From: Matthew Fox
Sent: Monday, May 6, 2024 11:42 AM
To: Eric Gutierrez
Subject: WPR24LA126 - Auburn, WA - Materials Laboratory Email Report
Attachments: IMG_1724.JPG; IMG_1727.JPG

Eric,

The submitted landing gear actuator from the subject investigation was received as shown in the attached images. The part had a label indicating it was a Cessna part, but the serial number and date on the label were not legible. The side of the actuator had raised characters that read, "1241619-5F Alcoa 2014". The barrel of the actuator had a longitudinal fracture that was bulged outward near the middle of the fracture as shown in the attached image of the fracture surface. The fracture had a uniform rough light gray appearance with fracture features oriented on slant angles, features consistent with overstress fracture. No evidence of a preexisting crack was observed.

Thank you,
Matt



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