

Fox Todd

From: Budinski Michael
Sent: Wednesday, October 6, 2021 4:48 PM
To: Fox Todd
Subject: CEN22LA004, Watkins, CO, Cessna 195B (N3027B) Materials Laboratory Email Report
Attachments: CEN22LA004 Left Main Landing Gear Leg Fracture.jpg

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Todd:

Based on photographic evidence (see attached images) only, a small thumbnail-shaped crack is present in the upper forward portion of the left main landing gear leg adjacent to the fuselage. The oxidation and general morphology of the thumbnail-shaped crack is consistent with a pre-existing fatigue crack. The balance of the fracture surface on the landing gear leg exhibits chevron features and shear lips along the upper and lower edges, consistent with instantaneous overstress fracture.

--Mike B.

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