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Subject: ERA26LA028
Contact: Brian Fuchs, Materials Engineer,
NTSB RE-30

The following is in regards to an accident that happened on October 31, 2025, in Dayton TN. Involving a Consolidated Vultee 28-5ACF, PBV-5A Catalina. Photos of a failed bolt that connects the left main landing gear actuator lower end to the landing gear assembly were shared with Brian Fuchs, Material Engineer in the NTSB Materials Laboratory.

Examination of the failed landing gear bolt revealed reverse bending fatigue resulting from bending loads. The fractured surface exhibited a distinct overstress region with beach marks visible on both sides.

