

Stein Stephen

From: Epperson Joe
Sent: Tuesday, March 22, 2016 10:56 AM
To: Stein Stephen
Cc: Budinski Michael
Subject: Bakersfield CA, WPR16LA058

Bakersfield CA,
January 27, 2016
Cessna 340A, N346MC
WPR16LA058

Stephen Stein

The main landing gear (MLG) components were examined in the NTSB Materials Laboratory on March 22, 2016. The rod end fitting on the aft tube of the right MLG (RMLG) was fractured in two places. The fractures were through the bearing loop at the end of the rod that attaches to the bell crank. Magnified examination of the separated bearing loop revealed fracture features and deformation pattern indicative of a tensile overload of the rod end fitting. No indications of preexisting cracking such as fatigue or corrosion were noted. The rod end bearing was retained on the bolt thorough fork of the bell crank. The bearing rotated freely under finger pressure.

The left MLG was received as an exemplar and was not fractured.

Joe Epperson
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