

From:

Kramer Donald

To:

Yeager Leah;

cc:

Budinski Michael;

Subject:

Email Report for Pueblo, CO - Learjet 35 - CEN12LA151 - February 2, 2012

Date:

Friday, March 23, 2012 10:50:44 AM

Leah,

Here are the results of the Materials Lab's exam for the above referenced accident.

Don Kramer,

Materials Engineer

Component examined: Right-hand main landing gear torque link

The right hand torque link was examined by eye with and without a stereomicroscope. The pivot was fractured on each side of the pivot pin hole, the two fractures being approximately 180 degrees apart from one-another. The fracture surfaces had a rough appearance. Portions of the fracture were oriented 45 degrees to the pivot surface and other regions of the fracture were oriented at 90 degrees to the pivot surface. The observations of the fracture surfaces were consistent with an overstress fracture.