



MEMORANDUM FOR RECORD

Heidi Kemner
Air Safety Investigator
Eastern Region Aviation

January 30, 2020

Subject: ERA20LA051
Who: Michael Budinski – Chief of NTSB Materials Laboratory

In an email, Mr. Budinski stated the following:

- The bolt fractured by reverse bending fatigue.



Figure 1. View of Fractured Bolt at Accident Site



Figure 2. Closer view of fractured bolt.