

From: [Budinski Michael](#)
To: [Stein Stephen](#)
Subject: Email Report--WPR22LA124, McGrath, AK, Cessna 310
Date: Thursday, June 2, 2022 1:01:05 PM
Attachments: [Bell crank lower arm fork.JPG](#)
[Bell crank pivot bolt.JPG](#)
[Trunion clevis.JPG](#)
[Trunion clevis 2.JPG](#)

Place McGrath, AK
Date March 10, 2022
Vehicle Cessna 310R
NTSB No. WPR22LA124,
Investigator Stephen Stein

Accident parts: Fractured bell crank assembly, fractured trunnion

The IIC submitted cell phone images of the fracture surfaces taken by the operator (see attached four images). The submitted images are considered to be of poor quality, but the macroscopic fracture mode could be determined. The poor image quality precludes the observation of any small regions of fatigue cracking.

Macroscopic fracture modes

1. Bell crank lower arm fork fracture: consistent with overstress fracture
2. Bell crank pivot bolt: consistent with overstress fracture
3. Trunnion bell crank lug (or clevis ear): consistent with overstress fracture

Mike Budinski

Chief, Materials Laboratory Division

National Transportation Safety Board
Office of Research and Engineering
Materials Laboratory Division
490 L'Enfant Plaza East, SW
Washington, DC 20594

