

National Transportation Safety Board

Office of Aviation Safety

Washington, DC 20594



CEN23LA388

COMPONENT EXAMINATION

December 13, 2023

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A. ACCIDENT

Location: Wichita, Kansas
Date: August 30, 2023
Time: 1314 Local
Airplane: N9663X - Cessna 210B

B. COMPONENT EXAMINATION

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C. SUMMARY

On August 30, 2023, about 1314 central daylight time, a Cessna 210B airplane, N9663X sustained substantial damage when it was involved in an accident near the Wichita Dwight D Eisenhower International Airport (ICT), Wichita, Kansas. The pilot, flight instructor and passenger received minor injuries. The airplane was operated as a Title 14 Code of Federal Regulations Part 91 instructional flight.

D. DETAILS OF THE EXAMINATION

1.1 Fuel/Fuel System

The fuel servo, fuel pump, and fuel flow sensor for the airplane were shipped to the NTSB IIC for examination and testing. The testing was conducted at RLB Accessory Service, Addison, Illinois.

The fuel control unit and throttle body were examined and the fuel mixture screen removed. There was a substantial amount of debris on the screen. The screen was reinstalled and the unit connected to a calibrated flow bench for functional testing. The functional testing of the fuel control unit did not reveal any discrepancies.



Figure 1 Debris as found on fuel control unit screen.



Figure 2. Fuel control unit/throttle body connected to flow bench.

The fuel pump was placed on the fuel test bench and functionally tested. No discrepancies were noted.



Figure 3. Fuel pump connected to test bench.

The fuel flow sensor was examined, and no obstruction was noted when blown through by mouth. The turbine could be heard spinning while blowing by mouth. The unit was then connected to the flow bench and test fluid pumped through it. No blockage was noted.



Figure 4. Fuel flow sensor connected to test bench.

Submitted by:

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