



NATIONAL TRANSPORTATION SAFETY BOARD

Office of Aviation Safety
Western Pacific Region

October 27, 2022

FUEL PUMP EXAMINATION

WPR22LA083

This document contains 2 embedded photos.

A. ACCIDENT

Location: Williams, Arizona
Date: January 26, 2022
Aircraft: Beech, F33A, N1HH
NTSB Investigator-in-Charge: Eric M. Gutierrez

B. PARTICIPANTS

Eric M. Gutierrez
Air Safety Investigator
National Transportation Safety Board
Federal Way, Washington

C. DETAILS OF THE INVESTIGATION

1.0 Fuel Pump

Manufacturer: Continental Motors
Part Number: R-646212-4641
Serial Number: B12AA193R

A visual examination of the recovered fuel pump revealed that it was intact and undamaged. A hand tool was connected to the drive shaft and would not rotate. The fuel pump was disassembled, and extensive rust and corrosion was observed throughout the fuel pump, which prevented a functional test.



Figure 1: View of fuel pump during exam (photo courtesy of the NTSB)

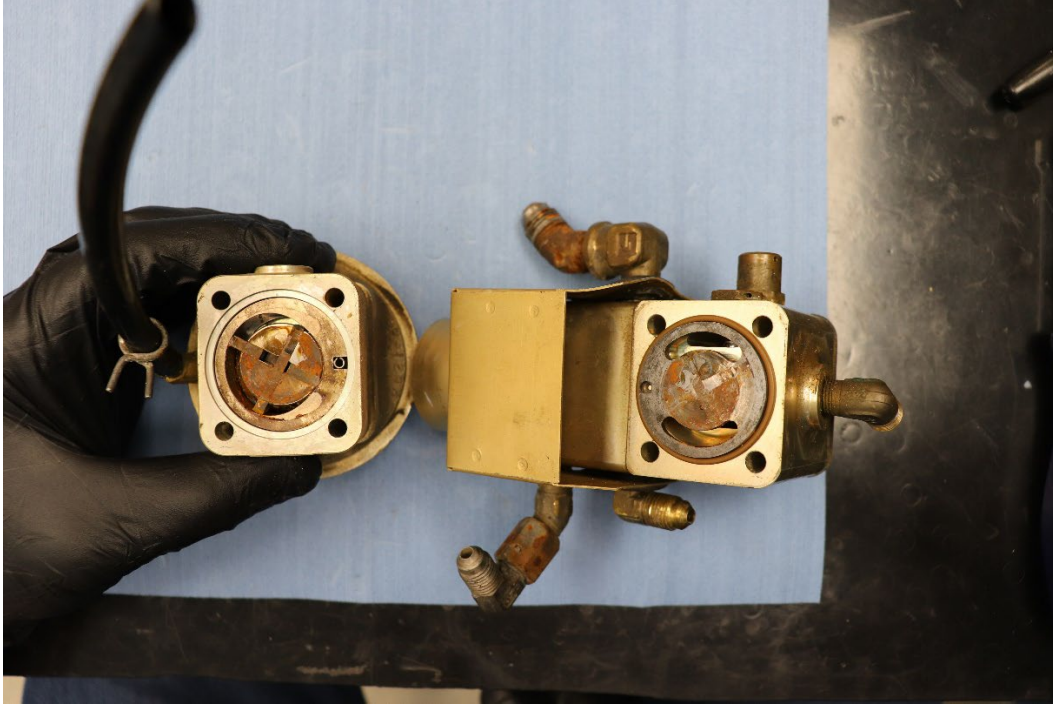


Figure 2: View of rust and corrosion in fuel pump (photo courtesy of the NTSB)

Submitted by: Eric M. Gutierrez