

National Transportation Safety Board

Office of Aviation Safety

Washington, DC 20594



WPR24LA267

ENGINE DATA MONITOR FACTUAL REPORT

Nov 4, 2024

A. ACCIDENT

Location: Sacramento, CA
Date: August 4, 2024
Airplane: Piper PA-28R-201T; N135DG

B. ENGINE DATA MONITOR FACTUAL REPORT

Specialist Elliott Simpson
NTSB
Federal Way, WA

C. DETAILS OF THE EXAMINATION

The following device was downloaded:

Device Manufacturer/Model: JPI 700 Series EDM
Part Number: EGT-701-4
Serial Number: 41996

1.0 Data Recovery

The device was undamaged, and the data was downloaded via a USB stick using the manufacturer's download protocols, and JPI EZTrends software version 2.2.21.97. Figure 1 shows the front of the device, figure 2 the rear.

The units time when checked on November 4, 2024, at 0814:32 PST indicated 1517:37. The internal date of the unit was correct.

The unit had been configured to record imported GPS data, along with exhaust gas and cylinder head temperatures, turbine inlet temperature, manifold pressure, RPM, fuel flow, and battery voltage.

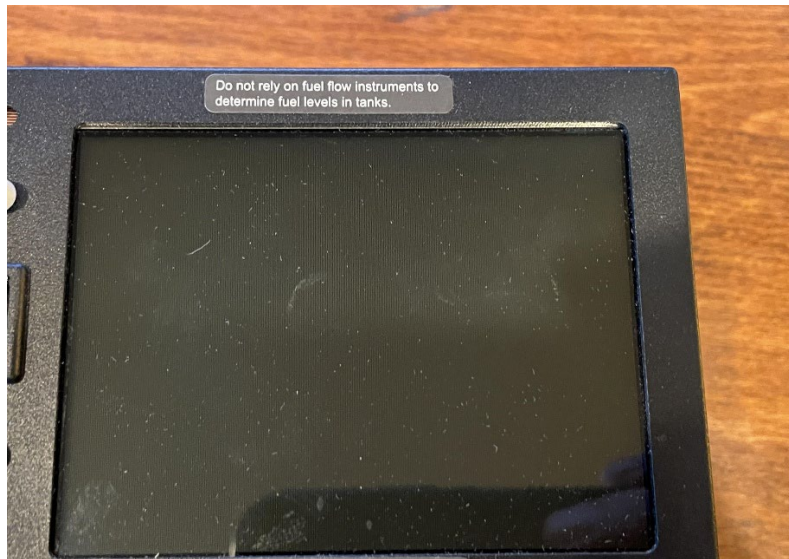


Figure 1 - Front



Figure 2 - Rear

2.0 Extracted Data

The last data record included a session (flight 199) on August 4, 2024. The recording began at a unit time of 1904:54 and ended at 1922:18.

Flight 199 is included as an attachment to this report.

Submitted by:

Elliott Simpson
Senior Aviation Accident Investigator