

National Transportation Safety Board

Office of Research and Engineering

Washington, DC 20594



ERA24FA127

ENGINE MONITORING DEVICE

Specialist's Factual Report

May 24, 2024

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A. ACCIDENT

Location: Nashville, Tennessee
Date: March 4, 2024
Time: 1943 central standard time (CST)
Airplane: Piper PA-32RT-300T, C-FBWH

B. ENGINE MONITORING DEVICE SPECIALIST

Specialist: Gerald Kawamoto
Recorder Specialist
National Transportation Safety Board (NTSB)

C. DETAILS OF THE INVESTIGATION

A group was not convened. The NTSB Vehicle Recorder Division received an unidentified engine monitoring device. The model, part number and serial number were not identified due to the damage sustained to any potential identifying labels.

Recorder Manufacturer/Model: Unknown Engine Data Monitor
Recorder Serial Number: Unknown

1.1 Data Recovery

The device sustained extensive fire damage, as shown in figure 1. The internal components, as shown in figure 2, were examined and potential non-volatile memory chips were attempted to be identified.¹ The extent of the damage rendered all internal components inoperable, therefore, no data were recovered.

¹ Non-volatile memory (NVM) is semiconductor memory that does not require external power for data retention.

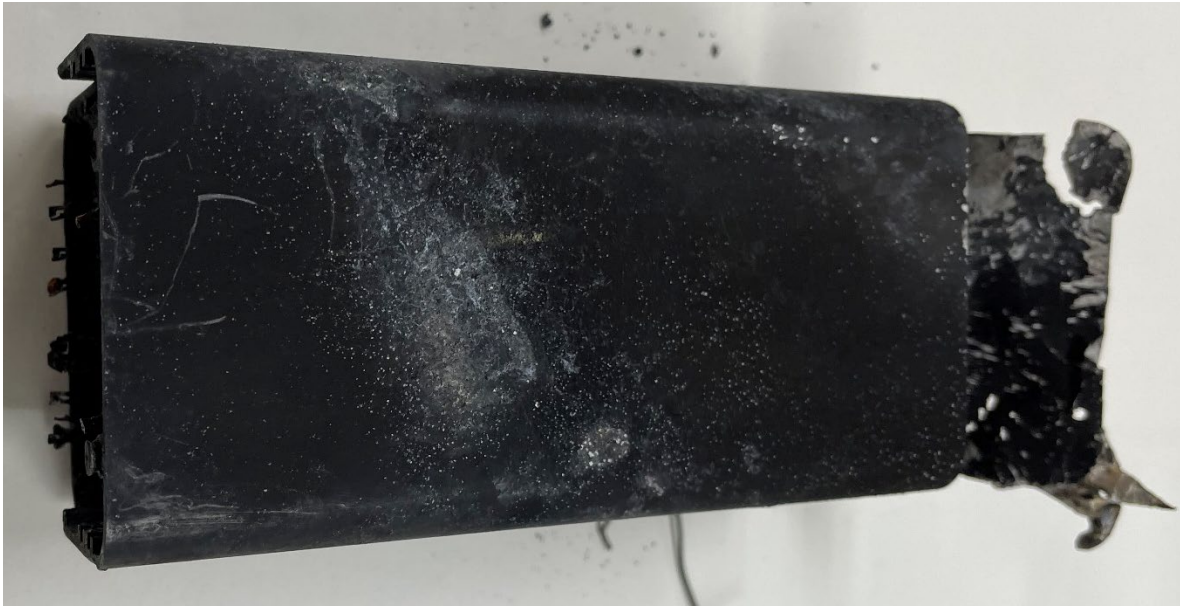


Figure 1. Unidentified engine data monitor as received.

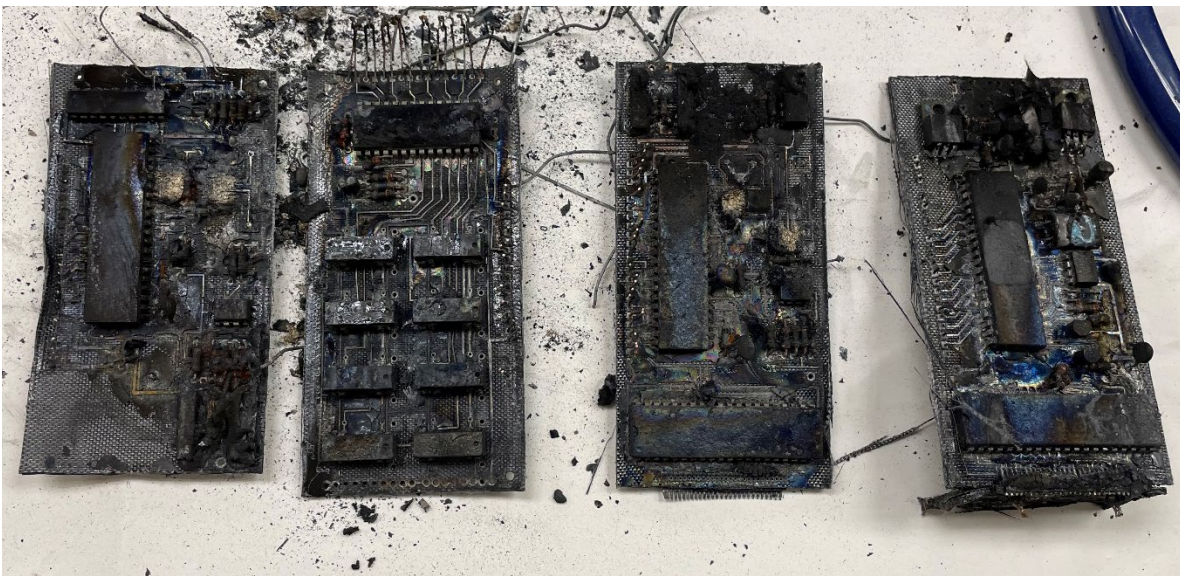


Figure 2. Internal components of the engine data monitor.

Submitted by:

Gerald Kawamoto
Recorder Specialist