

**NATIONAL TRANSPORTATION SAFETY BOARD**

Office of Aviation Safety  
Washington, D.C. 20594

October 28, 2021

## **Engine Data Monitor Download**

**Factual Report  
By Doug Brazy**

### **1. EVENT SUMMARY**

Location: Easton, Maryland  
Date: 7/15/21  
Aircraft: Piper PA-23  
Registration: N776MC  
NTSB Number: ERA21LA289

### **2. DETAILS OF INVESTIGATION**

The following device was downloaded:

JPI EDM-760 Engine Data Monitor  
Serial Number: 05672

#### **2.1. Data Recovery**

The device was undamaged and was downloaded normally using the manufacturer's software. Figures 1 and 2 show the front and back of the device.

Figure 1. Font Panel



Figure 2. Data Plate



## 2.2. Data Description

The data extracted included 20 sessions from July 6 through July 16, 2021. The session recorded on July 15 (the accident day) began about 08:25<sup>1</sup> and ended about 11:29 eastern daylight time. Recorded parameters included cylinder head temperatures, exhaust gas temperatures, cool down and battery voltage.

Figure 3. Screen Image



## 2.3. TABULAR DATA

Tabular data are included as Attachment 1. This attachment is provided in electronic comma-delimited (.CSV) format.

<sup>1</sup> As adjusted for local time zone. The recorded time values were found to be approximately 2 hours and 17 minutes earlier than eastern daylight time, when comparing the unit's clock time at startup (1540) to the USNO Master clock (1757 EDT) during the download.