

NATIONAL TRANSPORTATION SAFETY BOARD

Office of Aviation Safety
Washington, D.C. 20594

June 23, 2020

Engine Data Monitor

Factual Report
By Heidi Kemner

1. EVENT SUMMARY

Location: Destin, Florida
Date: March 8, 2020
Aircraft: Beech BE-V35
Registration: N581U
NTSB Number: ERA20LA122

2. DETAILS OF INVESTIGATION

On March 8, 2020, about 1000 central daylight time, a Beech V35, N581U, was substantially damaged when it was involved in an accident near Destin Executive Airport (DTS) Destin, Florida. The private pilot and passenger were not injured. The airplane was operated as a Title 14 Code of Federal Regulations Part 91 personal flight.

The following device was downloaded:

Device Manufacturer/Model: JPI 700 Engine Data Monitor
Serial Number: 19632

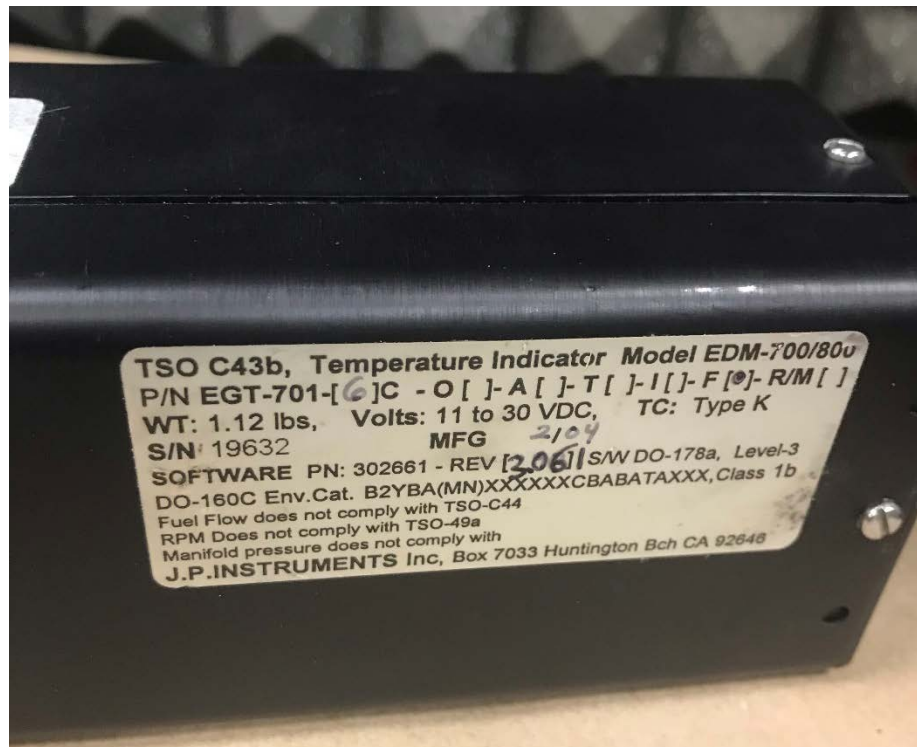
2.1. Data Recovery

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

Figure 1. Photo of undamaged device.



Figure 2. View of side of engine data monitor



2.2. Data Description

The data extracted included 13 sessions from January 24, 2020. The last flight was approximately 3.24 hours long and occurred on the day of the accident.

A graph of the engine data from the accident flight is attached at the end of this report.

Note: The offset to correct the JPI internal clock to UTC according to time.gov was 85 minutes. Therefore, to get the corrected time of the graph, take the JPI time and subtract 1 hour and 15 minutes to equal UTC.

2.3. TABULAR DATA

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

