

NATIONAL TRANSPORTATION SAFETY BOARD

Office of Aviation Safety
Washington, D.C. 20594

August 11, 2017

Engine Data Monitor

Factual Report
By Joshua Lindberg

1. EVENT SUMMARY

Location: Kewanee, Illinois
Date: August 30, 2015
Aircraft: Cirrus SR22
Registration: N765CD
Operator: Private
NTSB Number: CEN15FA388

2. DETAILS OF INVESTIGATION

The following device was downloaded:

Device Manufacturer/Model: J.P. Instruments, Inc. EDM-900
Serial Number: 04805

2.1. Data Recovery

The device sustained damage to the front panel buttons and some corrosion was noted on the back of the device around the wiring connections. The device powered on using an external power source and the data was downloaded normally onto a USB drive. Figures 1 shows the front and side of the device.

Figure 1. Photo of front and side of the device



2.2. Data Description

The data extracted included 71 logs from June 26, 2015 through August 30, 2015. The accident log was recorded starting 09:12:38 CDT and ending 09:14:43 CDT on August 30, 2015. In addition, four previous logs August 28-30, 2015, were determined to be of interest and are included in this report. All logs of interest are listed below:

8/28/15 – 08:49:54 CDT to 12:04:52 CDT – 3.25 hours
8/28/15 – 12:24:34 CDT to 14:47:22 CDT – 2.38 hours
8/29/15 – 08:46:12 CDT to 09:08:24 CDT – 0.37 hours
8/30/15 – 09:05:38 CDT to 09:11:38 CDT – 0.10 hours
8/30/15 – 09:12:38 CDT to 09:14:44 CDT – 0.04 hours (accident flight)

2.3. TABULAR DATA

Tabular data are included as Attachment 1. This attachment is provided in electronic comma-delimited (.CSV) format. All tabular data is listed in Coordinated Universal Time (UTC).

2.4. GRAPHICAL DATA

Graphical data were produced using the manufacturers software and are included as Attachment 2. All graphical data is listed in Coordinated Universal Time (UTC).