

NATIONAL TRANSPORTATION SAFETY BOARD

Office of Aviation Safety
Washington, D.C. 20594

April 2, 2019

Engine Data Monitor

Factual Report
By Joshua Lindberg

1. EVENT SUMMARY

Location: Austin, Texas
Date: January 27, 2019
Aircraft: Piper PA32RT-300T Lance II
Registration: N39650
Operator: Private
NTSB Number: CEN19LA076

2. DETAILS OF INVESTIGATION

The following device was downloaded:

Device Manufacturer/Model: J.P. Instruments, Inc. EDM 700
Serial Number: UNKNOWN
Part Number: EGT-701

2.1. Data Recovery

The device was undamaged and remained in the instrument panel. The device was downloaded normally using the manufacturer's software. Figure 1 shows the front of the device during the download.

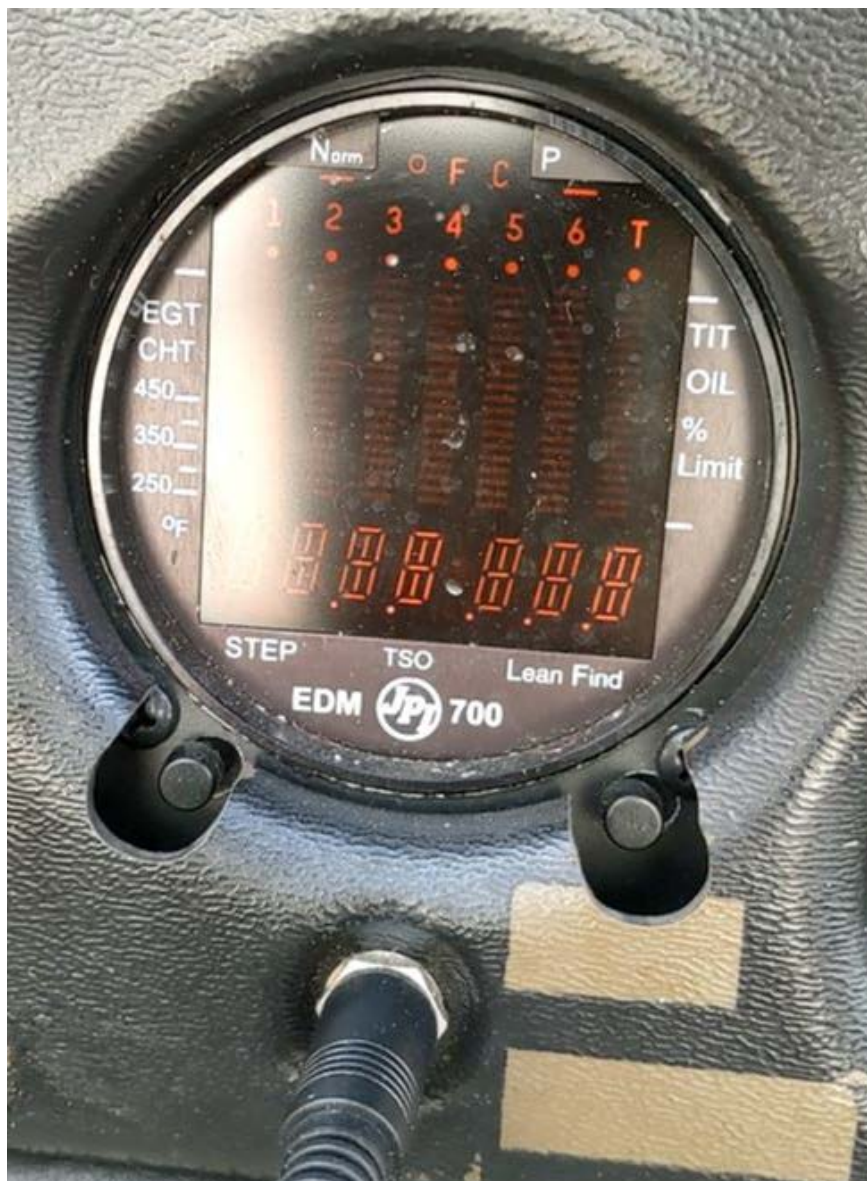


Figure 1 – Photo of undamaged EDM installed in the airplane.

2.2. Data Description

The data extracted included 12 sessions from January 17, 2019 through January 27, 2019. There were 5 distinct sessions on January 27, 2019, including the accident flight. The accident flight was recorded from 15:10:48 CST to 15:42:28 CST on January 27, 2019. The previous sessions before the accident date were not included in this report or the tabular data. The device was powered on and the internal time was compared to the current time during download for accurate time comparison. The unit was about 7 hours

and 5 minutes ahead of the actual time. The tabular data has been corrected to reflect the actual time.

2.3. TABULAR DATA

Tabular data are included as Attachment 1. This attachment is provided in electronic comma-delimited (.CSV) format. The tabular data only shows time in CST.