

NATIONAL TRANSPORTATION SAFETY BOARD

Office of Aviation Safety
Washington, D.C. 20594

January 4, 2021

Engine Monitor Device Download

Factual Report
By Doug Brazy

1. EVENT SUMMARY

Location: Salinas, PR
Date: 07/24/2020
Aircraft: Cessna 177RG
Registration: N1813Q
NTSB Number: ERA20LA261

2. DETAILS OF INVESTIGATION

The following device was downloaded:

JPI EDM-900
Serial Number: 05588

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 rear of the device.

Figure 1. Front Panel



Figure 2. Rear



2.2. Data Description

The data extracted included 56 sessions from June 19, 2019, through July 24, 2020. The accident flight was recorded starting at 1203 Coordinated Universal Time (UTC) and ending at 1328 UTC on July 24, 2020. Recorded parameters included date, time, cylinder head temperature(1-6) , exhaust gas temperature(1-6), fuel flow, fuel pressure, battery voltage, manifold pressure, RPM, oil pressure, oil temperature, fuel used, groundspeed, latitude, longitude, and GPS altitude.

2.3. TABULAR DATA

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