

NATIONAL TRANSPORTATION SAFETY BOARD

Office of Aviation Safety
Washington, D.C. 20594

July 3, 2019

Engine Monitoring System

Factual Report
By Heidi Kemner

1. EVENT SUMMARY

Location: Palatka, Florida
Date: March 30, 2019
Aircraft: Flight Design CTLS
Registration: N81KK
NTSB Number: ERA19LA141

2. DETAILS OF INVESTIGATION

On March 30, 2019, about 1700 eastern daylight time, a Flight Design CTLS airplane, N81KK, was substantially damaged following a total loss of engine power and forced landing at Palatka, Florida. The commercial pilot and one passenger sustained serious injuries. The airplane was substantially damaged. The flight was operated by the pilot as a Title 14 Code of Federal Regulations Part 91 personal flight. Day, visual meteorological conditions prevailed near the accident site, and no flight plan was filed. The flight originated at Hilton Head Airport (HDX), Hilton Head, South Carolina about 1500 and was destined for Palatka Municipal Airport (28J), Palatka, Florida.

The following device was downloaded:

Device Manufacturer/Model: Dynon Avionics – EMS-D120
Serial Number: 1897

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. Photo of undamaged device.



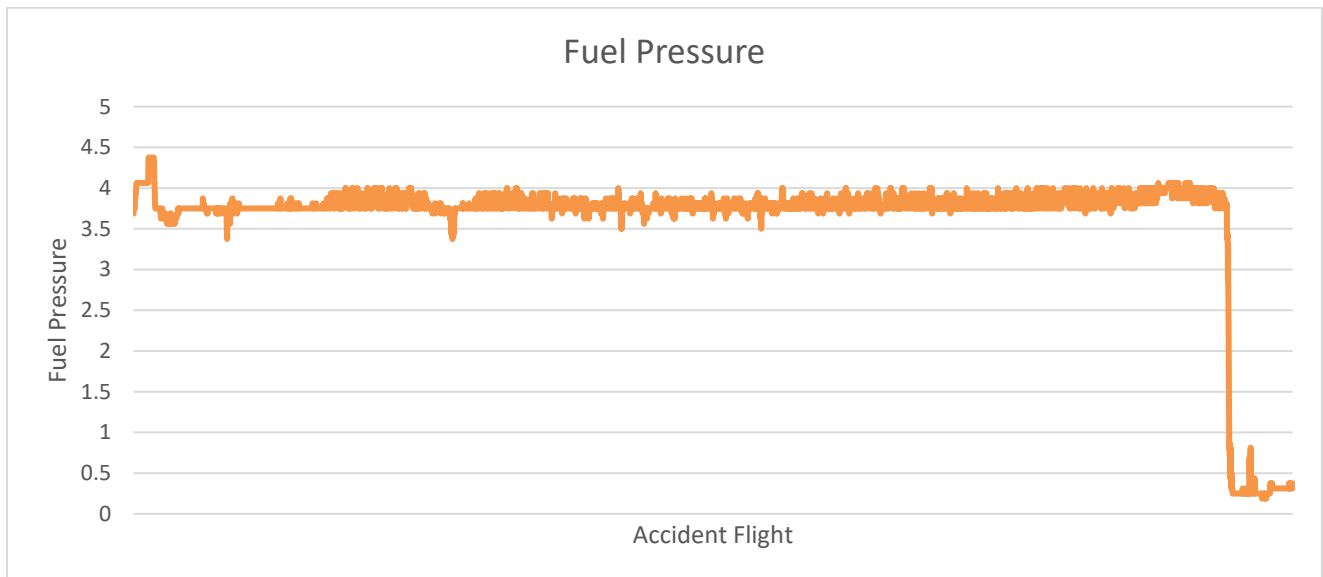
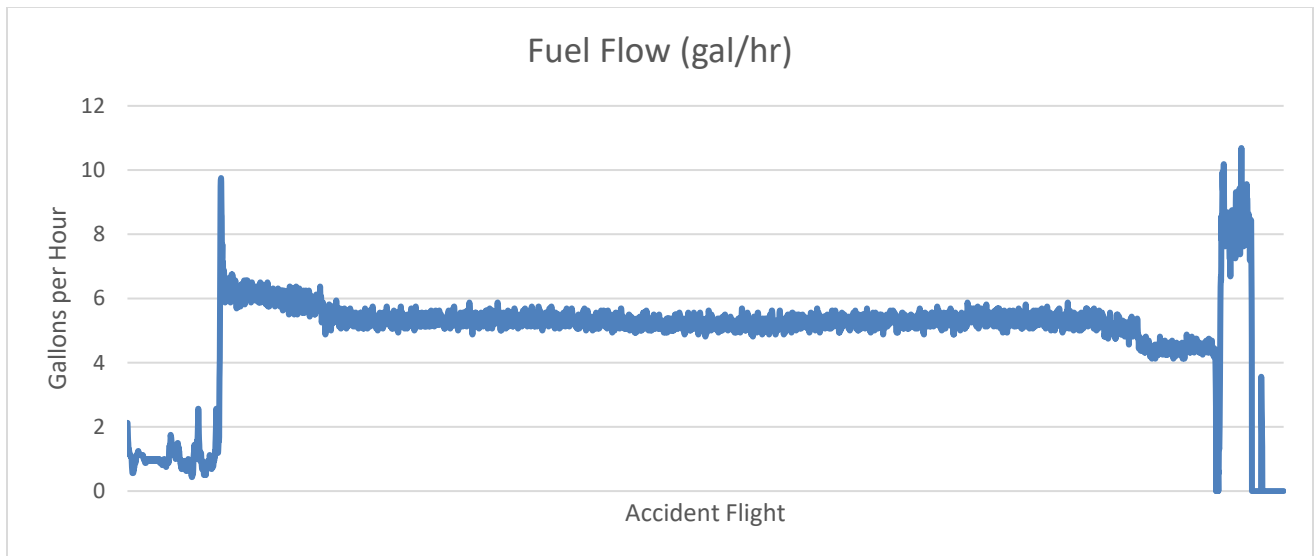
Figure 2. Photo of back of device.

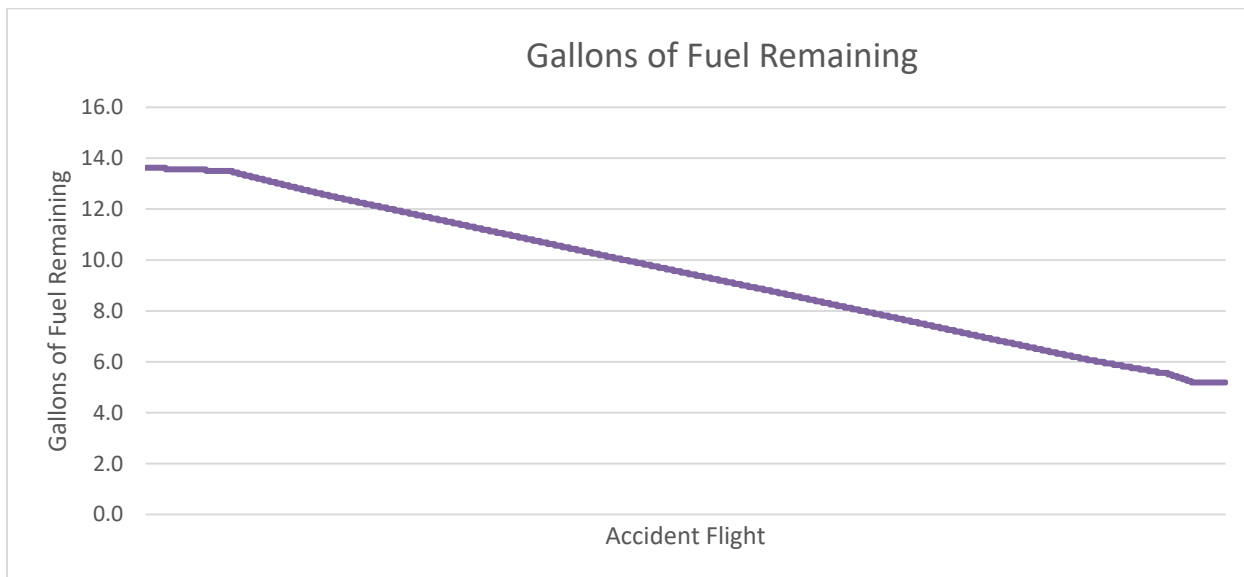


2.2. Data Description

The data extracted included an unknown number of flights beginning on March 24, 2019, and ended with the accident flight. The accident flight began at 19:15:52 and ended at 21:01:44 on March 30, 2019.

Airplane Fuel Information





2.3. TABULAR DATA

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