

National Transportation Safety Board

Office of Aviation Safety

Washington, DC 20594



ERA23LA218

ENGINE DATA MONITOR FACTUAL REPORT

September 27, 2023

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A. ACCIDENT

Location: Greenville, North Carolina
Date: May 5, 2023
Time: 0900 EDT
Airplane: Piper PA-28-180: N180LR

B. ENGINE DATA MONITOR FACTUAL REPORT

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C. SUMMARY

On May 5, 2023, at 0900 eastern daylight time, a Piper PA-28-180 airplane, N180LR, was substantially damaged when it was involved in an accident near Greenville, North Carolina. The private pilot and the passenger were seriously injured. The airplane was operated as a Title 14 Code of Federal Regulations Part 91 personal flight.

D. DETAILS OF THE EXAMINATION

The following device was downloaded:

Device Manufacturer/Model: JPI 930 Engine Data Monitor
Serial Number: 03351

1.0 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. View of Front of JPI

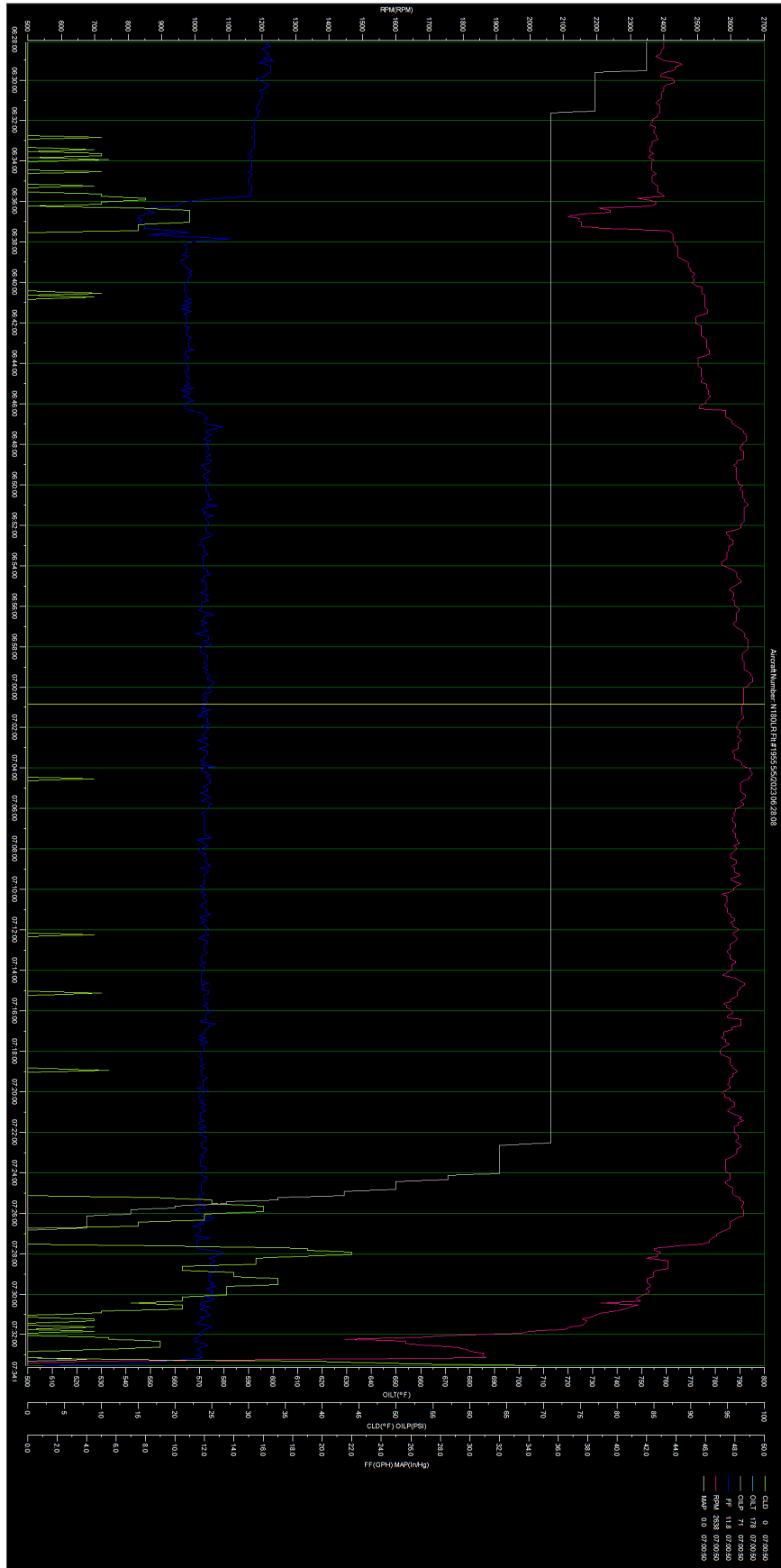


Figure 2. View of Back of JPI

2.0 Data Description

The data extracted included 261 sessions from March 18, 2023 to May 5, 2023. The accident flight recording began at 06:28:08 and ended at 07:33:32. When the JPI was downloaded a time offset was noted of about 1:19. Therefore, the accident flight began around 07:47 EDT and ended around 08:52 EDT.

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



Submitted by:

Heidi Kemner
Senior Air Safety Investigator

APPENDIX 1 - ERA22FA368 ENGINE DATA MONITOR - TABULAR DATA