

NATIONAL TRANSPORTATION SAFETY BOARD

Vehicle Recorder Division
Washington, D.C. 20594

July 15, 2019

Engine Monitor Device

Specialist's Factual Report
By Gerald Kawamoto

1. EVENT SUMMARY

Location: Mayport, Florida
Date: August 17, 2018
Aircraft: Beechcraft 35
Registration: N1330Z
Operator: Private
NTSB Number: ERA18LA227

On August 17, 2018, about 1318 eastern daylight time, a Beech N35, N1330Z, sustained substantial damage after it ditched in the Atlantic Ocean after a total loss of engine power three miles east of the Mayport Naval Station (NRB), Mayport, Florida. The private pilot was not injured. The airplane was operated by the private pilot as a personal flight conducted under the provisions of Title 14 *Code of Federal Regulations* Part 91. Visual meteorological conditions prevailed, and no flight plan was filed for the flight that departed Rutherford County Airport (FQD), Rutherfordton, North Carolina, about 0930. The flight was destined to Ormond Beach Municipal Airport (OMN), Ormond Beach, Florida.

2. DETAILS OF INVESTIGATION

The National Transportation Safety Board (NTSB) Vehicle Recorder Division received the following device:

Device Manufacturer/Model:	Insight G2 SD Memory Card
Serial Number:	BE1135521872G

2.1. Device Description

The Insight G2 is an engine data monitor device. It is capable of monitoring engine parameters including, but not limited to, cylinder head temperature (CHT), exhaust gas temperature (EGT), and fuel flow information. Data is stored on a Secure Digital (SD) memory card installed in the front panel of the device.

2.2. Device Condition

The SD memory card was received by the lab without the G2 unit. It arrived in good condition as shown in Figure 1.



Figure 1. Front and back of the of Insight G2 SD Memory Card as received.

2.3. Data Description

The data stored on the device's SD card was reviewed. The last session recorded was dated January 4, 2017. No accident-related data was found on the device.