

NATIONAL TRANSPORTATION SAFETY BOARD
Vehicle Recorder Division
Washington, D.C. 20594

July 10, 2019

Personal Electronic Device

Specialist's Factual Report By Ben Hsu

1. EVENT

Location: Miami, Florida
Date: March 15, 2018
NTSB Number: HWY18MH009

2. EVENT SUMMARY

For a summary of the crash, refer to the *Crash Summary Report* in the docket for this investigation.

3. DETAILS OF DEVICE INVESTIGATION

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

Device: Apple iPhone 4S (A1387)
Device Serial Number: Unknown

Figure 1 shows the device as it arrived in the laboratory. The device was sent to the laboratory by a private data recovery firm at the request of the NTSB. According to the firm, the device had been previously disassembled but arrived in an assembled state.

3.1. Device Description

The Apple iPhone is a portable computing device with Wi-Fi and cellular communication abilities running the iOS operating system. Data recorded on the device can include call logs, text message conversations, audio, photos, and video. Additional data may be recorded depending on the applications installed by the user.



Figure 1. Photo of device.

3.2. Data Description

The device's internal logic board was removed and placed in a laboratory surrogate device. Power was applied normally, however, the device was unresponsive. The laboratory surrogate device was tested using a different logic board and appeared to function normally.

No data could be recovered from the device associated with this accident.