

NATIONAL TRANSPORTATION SAFETY BOARD

Vehicle Recorder Division
Washington, D.C. 20594

October 30, 2017

Electronic Devices

Specialist's Factual Report
By Bill Tuccio, Ph.D.

1. EVENT SUMMARY

Location: Vernon, Texas
Date: October 8, 2017
Aircraft: Aero Vodochody L39C
Registration: N580LL
Operator: Bravo Charlie Mike One, LLC.
NTSB Number: CEN18FA004

2. GROUP

A group was not convened.

3. DETAILS OF INVESTIGATION

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

Device Manufacturer/Model:	Apple Watch Series 2
Serial Number:	Unknown
Device Manufacturer/Model:	GoPro Hero 5
Serial Number:	Unknown

3.1. Device Description

The Apple Watch is a solid-state watch that interfaces with other devices. The GoPro Hero 5 is a point-of-view camera.

3.2. Device Condition

Upon arrival at the Vehicle Recorder Laboratory, an examination revealed the watch had not sustained any damage. The GoPro was damaged, as was its internal 64 GB microSD card, as shown in figure 1.

Figure 1. GoPro and microSD card.



3.3. Data Description

The GoPro's microSD card is capable of storing data in the non-volatile memory.¹ The extent of the damage precluded normal recovery procedures and additional attempts were unsuccessful in yielding usable data. Therefore, no data pertinent to the event were recovered.

In agreement with the Investigator-in-Charge, the Apple Watch was not considered pertinent to the investigation and no recovery was attempted.

¹ Non-volatile memory is semiconductor memory that does not require external power for data retention.