

# NATIONAL TRANSPORTATION SAFETY BOARD

Vehicle Recorder Division  
Washington, D.C. 20594

November 5, 2018

## Global Positioning System Device

Specialist's Factual Report  
By Ben Hsu

### 1. EVENT

Location: Micanopy, Florida  
Date: April 4, 2017  
Aircraft/ID: Pipistrel Virus SW / N155CL  
Operator: Private  
NTSB Number: ERA17FA145

### 2. EVENT DESCRIPTION

On April 4, 2017, about 0910 eastern daylight time, a Pipistrel Virus SW, N155CL, was destroyed when it impacted a pasture in Micanopy, Florida. The airline transport pilot was fatally injured. The flight departed Sebring Regional Airport (SEF), Sebring, Florida, at 0800, destined for Oconee County Regional Airport (CEU), Clemson, South Carolina. Instrument meteorological conditions prevailed, and an instrument flight rules flight plan was filed for the personal flight, which was conducted under the provisions of 14 *Code of Federal Regulations* Part 91.

### 3. DETAILS OF DEVICE INVESTIGATION

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

Device: Dynon SV-D700  
Device Serial Number: 4478

The device arrived exhibiting severe damage from impact forces. Figure 1 shows the condition of the device as it arrived in the laboratory. The device's internal memory module was removed, however, due to the damage, no data could be recovered.

Figure 1. Photo of device



### 3.1. Device Description

The Dynon SV-D700 is a panel-mounted combination Electronic Flight Instrumentation System (EFIS) and Engine Monitoring System (EMS). The device is capable of displaying both EFIS and EMS data on a 7" LCD display. Data is stored on *non-volatile*<sup>1</sup> memory.

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