

NATIONAL TRANSPORTATION SAFETY BOARD

Vehicle Recorder Division
Washington, D.C. 20594

May 10, 2022

Garmin G5

Specialist's Factual Report By Nick Swann

1. EVENT SUMMARY

Location: Attalla, AL
Date: December 12, 2020
Aircraft: Beechcraft V35A
Registration: N5470U
Operator: Private
NTSB Number: ERA21LA068

2. GROUP

A group was not convened.

3. DETAILS OF INVESTIGATION

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

Device Manufacturer/Model:	Garmin G5
Serial Number:	4JQ006599

3.1. Device Description

The Garmin G5 is a digital display that can be configured as a directional gyro/horizontal situation indicator or an attitude indicator. When used in conjunction with other sensors, it can display aircraft attitude on an artificial horizon or work as a replacement heading indicator or directional gyro.

3.2. Device Condition

Upon arrival at the Vehicle Recorder Laboratory, an examination revealed the unit had sustained significant impact damage as shown in figure 1.



Figure 1. Photo of damaged Garmin G5 with micro Secure Digital (SD) card slot highlighted.

3.3. Data Description

This device is capable of storing data if there is a micro Secure Digital (SD) card loaded into the appropriate slot on the front of the unit. This micro SD card slot is indicated by the red circle in figure 1. With no card in the micro SD card slot, the accident device contained no recorded data.