



Memorandum For Record

Timothy W. Monville
Sr. Air Safety Investigator
Eastern Region

Date: March 21, 2023
NTSB Accident Number: ERA21LA106

On March 17, 2021, two Garmin G5's each without a micro SD card, Garmin G5, P/N 011-03809-00, SN 4JQ033857, and PN 011-03809-00, SN 4JQ033876, were shipped via UPS Ground 1ZA3978T0399604926 on March 26, 2021 to NTSB Vehicle Recorder Division, Washington, DC. They were delivered on March 29, 2021.

On April 22, 2021, Mr. Payne of the NTSB Vehicle Recorder Division sent the following e-mail:

“Email Report

The Vehicle Recorder Division received two Garmin G5 devices (serial numbers 4JQ033857 and 4JQ033876) on March 29, 2021. Neither device contained externally removable microSD cards. The devices are pictured in the attached photo IMG-4926.jpg.

Data Discussion

According to Garmin, an externally removable microSD card needs to be installed in the unit in order to record flight data. The presence of the externally removable microSD card is not required for the unit to function normally. The device has limited internal memory that stores executable software, configuration data, and in certain software configurations can record an abnormal autopilot disconnect log.

No flight data was recovered from either of the devices.

Author,

Sean Payne
Sr. Mechanical Engineer // Investigator
National Transportation Safety Board – NTSB”

The devices were returned via UPS Ground 1ZA3978T0395326074 to the insurance on April 26, 2021, and were delivered on April 28, 2021.



Figure 1: NTSB Digital Photograph IMG-4926.jpg. View of the Garmin G5's Received at the NTSB Vehicle Recorder Division.