

NATIONAL TRANSPORTATION SAFETY BOARD

Office of Aviation Safety
Washington, D.C. 20594

July 12, 2021

Nonvolatile Memory Devices

Factual Report
By Heidi Kemner

1. EVENT SUMMARY

Location: San Mateo, FL

Date: December 12, 2020

Aircraft: Mattioli AR-1 Gyroplane

Registration: N11TG

NTSB Number: ERA21LA071

2. DETAILS OF INVESTIGATION

On December 12, 2020, about 1523 eastern daylight time, an experimental amateur-built American Ranger-1 gyroplane, N11TG, was substantially damaged when it was involved in an accident near San Mateo, Florida. The private pilot was fatally injured. The gyroplane was operated as a Title 14 Code of Federal Regulations Part 91 personal flight.

The following devices were attempted to be downloaded:

Device Manufacturer/Model: iFly740b GPS

Serial Number: ZZ19060241

Device Manufacturer/Model: MGL Avionics Stratomaster Xtreme

Serial Number: Unknown

2.1. Data Recovery – iFly GPS

The device was minimally damaged and was downloaded normally using an SD Card. There was no data on the SD card.

Figure 1. Photo of undamaged device.



Figure 2. View of back of GPS



2.2. Data Recovery – MGL Avionics Stratomaster Xtreme

The device was undamaged and was downloaded normally using an SD Card. There was no data downloaded from the device.

Figure 3. View of front of device.



Figure 4. View of back of device.



Figure 5. View of device with no data displayed.

