

NATIONAL TRANSPORTATION SAFETY BOARD

Office of Aviation Safety
Washington, D.C. 20594

August 12, 2019

Global Positioning System

Factual Report
By Heidi Kemner

1. EVENT SUMMARY

Location: Sequatchie, TN
Date: July 17, 2019
Aircraft: Glasair II FT
Registration: C-GAFT
NTSB Number: ANC19LA036

2. DETAILS OF INVESTIGATION

On July 17, 2019, about 1523 central daylight time, a Fred Burr Glasair II FT experimental amateur built airplane, C-GAFT, made an emergency off-airport landing following a complete loss of engine power about 30 miles northwest of Sequatchie, Tennessee. The pilot sustained serious injuries, and the airplane sustained substantial damage. The airplane was registered to the pilot and was operated under the provisions of Title 14 Code of Federal Regulations Part 91 as a visual flight rules personal flight. Day visual meteorological conditions prevailed at the time of the accident, and no flight plan was filed. The flight originated from Cleveland, Tennessee, about 1500.

The following device was downloaded:

Device Manufacturer/Model: Garmin 495 GPS
Serial Number: 1E0001218

2.1. Data Recovery

The device was undamaged and was downloaded normally using the manufacturer's software. Figures 1 and 2 show the front and back of the device.

Figure 1. Photo of undamaged device.



Figure 2. Photo of back of device.



2.2. Data Description

The data extracted included 43 track logs from beginning on September 9, 2018 and ending with the accident flight on July 17, 2019.

2.3. TABULAR DATA

Tabular data are included as Attachment 1. This attachment is provided in electronic comma-delimited (.CSV) format.