

National Transportation Safety Board

Office of Research and Engineering

Washington, DC 20594



ERA23FA008

ELECTRONIC DEVICE

Specialist's Factual Report

February 7, 2023

A. EVENT SUMMARY

Location: Newport News, Virginia
Date: October 6, 2022
Time: 15:07 eastern daylight time (EDT)
Airplane: Cessna 172, N97883

B. ELECTRONIC DEVICE SPECIALIST

Specialist W. Deven Chen
Electrical Engineer – Recorder Specialist
National Transportation Safety Board (NTSB)

C. DETAILS OF THE INVESTIGATION

A recorder group was not convened. The NTSB Vehicle Recorder Division received the following electronic device:

Device Manufacturer/Model: Sentry Mini ADS-B Receiver
Device Serial Number: N/A

1.0 Device Description

The Sentry Mini ADS-B receiver is a portable ADS-B and GPS receiver designed by uAvioni for ForeFlight. The unit generates a Wi-Fi network which allows portable electronic devices like smart phones and tablet devices to connect and exchange data. Portable electronic devices with ForeFlight (electronic flight bag software) can then receive and display inflight weather, traffic, and position data. The device itself does not have data recording functionality.

1.1 Device Data Recovery

The Sentry Mini ADS-B receiver was in good condition upon arrival at the Vehicle Recorder Division, as shown in figure 1. The device does not have data recording functionality; therefore, no data were recovered from the device.



Figure 1. Front and back of the Sentry Mini ADS-B receiver as received.