

National Transportation Safety Board

Office of Research and Engineering

Washington, DC 20594



WPR22FA264

ELECTRONIC DEVICE

Specialist's Factual Report

September 28, 2022

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A. EVENT SUMMARY

Location: Seguin, Texas
Date: July 22, 2022
Time: 18:45 central daylight time (CDT)
Airplane: Piper PA-28-235, N8542W

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: Crew Dog Electronics Stratux ADS-B Receiver
Device Serial Number: unknown

1.0 Device Description

The Crew Dog Stratux ADS-B receiver is a portable ADS-B transceiver. 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 can then receive and display ADS-B information via electronic flight bag software (ex. ForeFlight). The device itself does not have data recording functionality.

1.1 Device Data Recovery

The Crew Dog Stratux ADS-B receiver had sustained severe fire damage upon arrival at the Vehicle Recorder Division, as shown in figures 1 and 2. The device does not have data recording functionality, therefore, no data were recovered from the device.



Figure 1. Front view of Crew Dog Stratux ADS-B receiver as received.



Figure 2. Back view of Crew Dog Stratux ADS-B receiver as received.