



MEMORANDUM FOR RECORD

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Air Safety Investigator
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June 27, 2023

Subject: NTSB investigation ERA21LA384, N4100V, Cessna 150M, Hobe Sound, Florida, September 28, 2021. Recovered Automatic Dependent Surveillance – Broadcast (ADS-B) receiver – information.

A Crewdog Electronics model Stratux ADS-B receiver was recovered from the airplane. The unit can be used along with tablet to display ADS-B information, it cannot transmit and does not have an “ASD-B Out” function.



Figure 1 ADS-B Receiver

The unit had a removable MicroSD memory card which stores its both its operating system files, as well as logfiles generated each time the unit is powered on. The unit can optionally be configured to store some tracking information from its on-board GPS unit, however this device was not configured to do so. A review of the logfiles stored on the memory card in the NTSB laboratory revealed that it was powered on at 1503 Coordinated Universal Time (UTC) on the day of the accident (9/28/2021), and then powered off at 15:21 on the same day. The reported time of the accident was 1853 UTC (1453 Eastern Daylight Time),

The previous on/off power cycle was recorded on 9/22/28.

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