

National Transportation Safety Board

Office of Research and Engineering

Washington, DC 20594



WPR22LA353

RECORDED FLIGHT DATA

Specialist's Factual Report

May 31, 2023

A. ACCIDENT

Location: Pasco, Washington
Date: September 20, 2022
Time: 07:09 Pacific daylight time (PDT)
Airplane: Cessna 525B, Private, N528DV

B. RECORDED FLIGHT DATA SPECIALIST

Specialist: Kyle Garner
Sr. Aerospace Engineer – Recorder Specialist
National Transportation Safety Board (NTSB)

C. DETAILS OF THE INVESTIGATION

A group was not convened.

The NTSB Vehicle Recorder Division received the following device:

Recorder Manufacturer/Model: Silicon Systems 2GB Compact Flash (CF) Card
Part Number: SSD-C02GI-3100
Associated Device: Aircraft Recording System (AReS)

1.0 Compact Flash Card Description

The aircraft manufacturer stated that the CF card contained data from the AReS, which was installed on the accident aircraft. The AReS system records flight and system data to aid in maintenance troubleshooting and flight data monitoring (FDM) programs. The AReS system records a minimum of 25 hours of data to a CF card for retrieval and processing post-flight.

1.1 Compact Flash Card Data Recovery

The CF card was in good condition and the data were downloaded using the manufacturer's software, AReS View.

1.2 Compact Flash Card Recording Description

The most recent data stored on the CF card was from a flight on November 11, 2021, almost a year before the accident. The aircraft manufacturer confirmed that they had previously downloaded the CF card at their facility in Wichita, Kansas, and found that the CF card did not contain any data related to the accident flight.

Thus, no data from the accident flight were recovered from the device.