



Memorandum For Record

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Eastern Region

Date: January 28, 2022
NTSB Accident Number: ERA20LA297

Email Report

The Vehicle Recorder Division received the following personal electronic devices (PEDs) on October 9, 2020: iPhone 11 - IMEI 356543102360228, iPhone XS Max - IMEI 357278099941255, Apple iPad 5th Generation – serial number f9ftkdnzhjj.

iPhone 11, IMEI 356543102360228

The iPhone was received in working condition. A photo of the device is attached as DSCN9654.jpg (Figure 1). The iPhone was determined to be associated with the 56-year-old left seat pilot. The iPhone was unlocked with a passcode provided by the pilot rated passenger's family member.

In general the iPhone contained limited personal and aeronautical data. No personal data (text messages, emails, personal photos/videos, app usage) were determined to be relevant to the investigation.

Of the limited aeronautical data, some flight logs and performance specification files were found related to the operation of a Convair CV-340 aircraft. There were some videos taken from the cockpit's of various aircraft in flight, none were on the accident day or determined to be relevant to the accident. On the iPhone's browser, there were two tabs open related to pilot oriented job searches and job listings. On the iPhone's web history for the Google Chrome internet browser app, there were a series of google searches and visited web pages related to the Rockwell Aero Commander. These searches and page visits were conducted on August 23, 2020 between approximately 2:00 and 2:30 pm local time. Subsequently, on August 23, 2020, there were two screenshots taken from a webpage that listed "Standard Aircraft Specifications" for a Rockwell AC-500S Aero Commander. The first screenshot consisted of basic information about the aircraft (engine type, ceiling, rate of climb, operational airspeeds, electrical system, basic weight and loading specification, fuel capacity, fuel burn, range and endurance, and aircraft dimensions and volumes). The second screenshot was also of what appeared to be Aero Commander specifications (specific model not listed), the screenshot was captured in such a way that performance specifications such as the aircraft's speeds were prominently

displayed. This screenshot is attached to this report as (Figure 2). The screenshot listed the following speeds: maximum speed, cruise speed, stall speed, and the following performance specifications: range, service ceiling, and rate of climb. There was one video taken on August 24, 2020, of the accident aircraft taxiing on an airport ramp being marshalled by an FBO employee. There was nothing anomalous about the accident aircraft's operation or condition displayed in the video. There was no other relevant aeronautical data found on the iPhone.

iPhone XS Max, IMEI 357278099941255

The iPhone was received in working condition. A photo of the device is attached as DSCN9653.jpg (Figure 3). The iPhone was determined to be associated with the 53-year-old right seat pilot. The iPhone was locked with a six digit numerical passcode. The pilot's relatives were contacted by the NTSB and were unable to provide a passcode for the device. As of the for time of writing of this report, there were no passcode bypass options available for this iPhone model and the particular version of iOS software the device was running at the time of the accident.

Apple iPad 5th Generation, serial number f9ftkdnzhjj

The iPad was received in damaged condition. The device's screen was shattered and the device's chassis and main board were bent. A photo of the device is attached as DSCN9647.jpg (Figure 4). The main board was removed and inspected. Although bent, there were no obvious defects. The main board was placed in a surrogate device and the iPad was unable to be powered. Further recovery efforts were not pursued.



Figure 1: Photograph of the Left Seat Pilot's Cellular Phone in NTSB Vehicle Recorder Division.

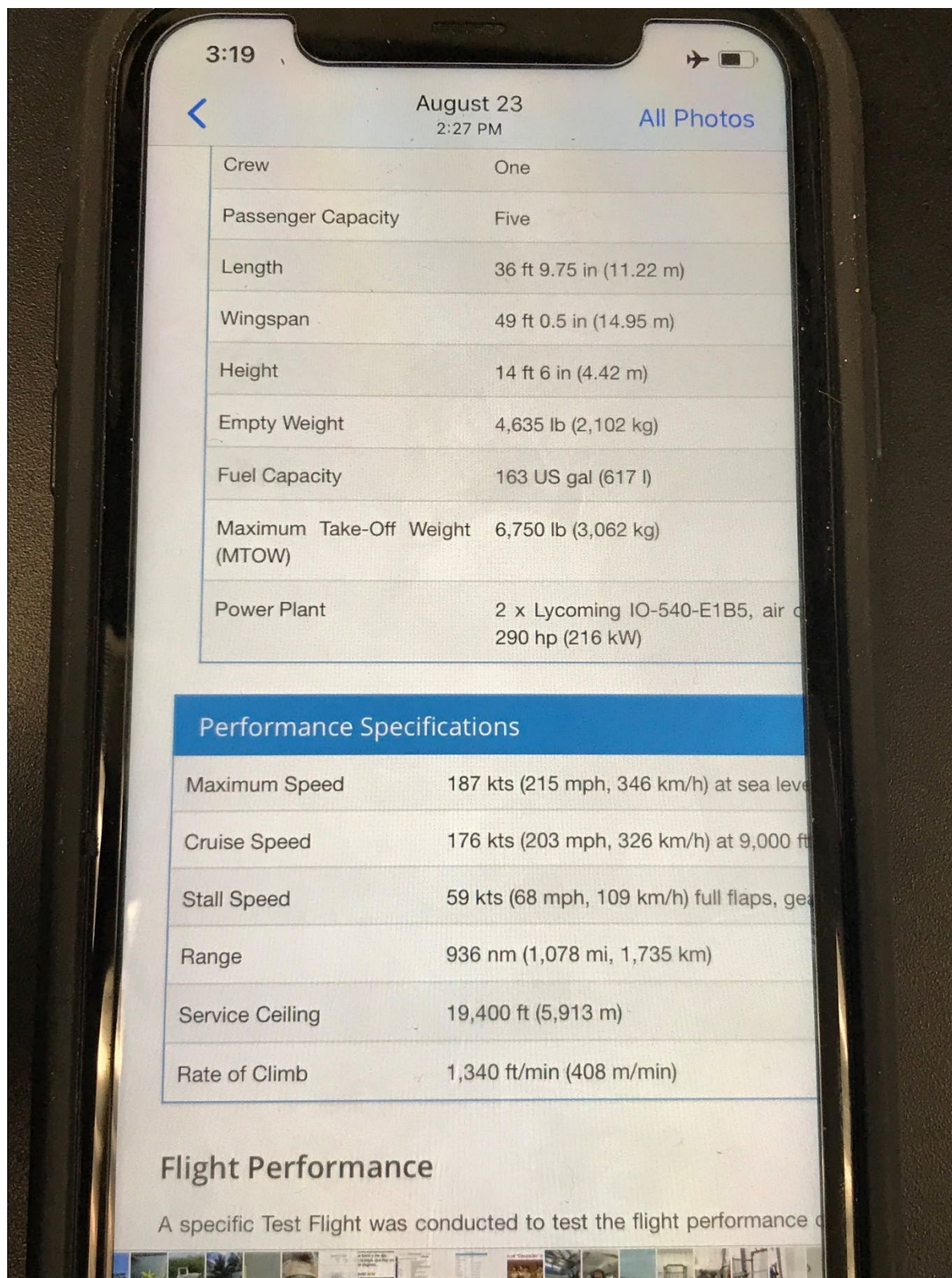


Figure 2: Screenshot from Left Seat Pilot's Cellular Phone.



Figure 3: Photograph of the Right Seat Pilot's Cellular Phone in NTSB Vehicle Recorder Division.



Figure 4: Photograph of the Impact Damaged iPad in NTSB Vehicle Recorder Division.