

Gretz Robert

From: Chen Deven
Sent: Monday, November 2, 2020 9:38 AM
To: Gretz Robert
Cc: Smith Greg
Subject: ERA20FA086 (Senoia, GA) iPhone 8 Email Report
Attachments: iPhone 8 front.jpg; iPhone 8 back.jpg

Follow Up Flag: Follow up
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Email Report Instructions

The narrative and attachments from this email report may be used in other reports at the discretion of the IIC. This email, including attachments (if applicable), should also be placed in the public docket by the IIC.

Email Report

The Vehicle Recorder Division received an iPhone 8 (IMEI 353002090459560). The device arrived exhibiting signs of impact damage (iPhone 8 front.JPG and iPhone 8 back.JPG). The motherboard was removed and did not power up on a surrogate device. In a discussion with the IIC, the device was sent to a commercial data recovery facility. With passcode provided by the family member of the owner, the data recovery facility fully extracted data from the device. The recovered data contained some pictures of the pilot on a flight prior to the accident flight, but did not contain any photos or video recordings from the accident flight.

Video devices in high impact scenarios that are recording at the time of impact have the potential to contain a corrupted video file. In traditional camera devices, these corrupted video files are often able to be detected and recovered by the lab. Due to the nature of the Apple device's encryption scheme, search and recovery of a corrupted video file is not possible.

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