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Subject: ANC23FA008 (Kaupo, HI) - Personal Electronic Devices - Email Report
Date: Tuesday, June 27, 2023 12:50:00 PM
Attachments: [FAA_Shipment.jpg](#)
[iPhone11.jpg](#)
[iPadMini.jpg](#)
[iPadMini_Open.jpg](#)
[iPhone11_Open.jpg](#)

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

An **Apple iPad Mini (IMEI unknown)** and an **Apple iPhone 11 (IMEI 3565611055xxxxxx)** were recovered with the wreckage on January 11, 2023. The recovery crew was advised to keep both the iPad Mini and the Apple iPhone in fresh water to inhibit contact with air and subsequent accelerated corrosion. Due to the restrictions of shipping damaged lithium batteries from Hawaii, the two devices were transferred to the custody of the FAA for battery removal. The FAA was instructed to bring the devices to a mobile phone repair facility on Maui to remove the lithium batteries for later transport. This was completed a few days after recovery.

The NTSB received an overnight UPS parcel containing the two devices on January 18, 2023. The shipment was opened and it was discovered that the two devices were shipped in plastic material. Photo **FAA_Shipment.JPG** shows the devices at this time.

The devices were taken out of the plastic material and were still partially wet. The devices are pictured in the arrival state as **iPadMini.JPG** and **iPhone11.JPG**. Both devices were cleaned with fresh water and their screens were removed in the NTSB Vehicle Recorder lab. The devices were found to be corroded. Pictures **iPadMini_Open.JPG** and **iPhone11_Open.JPG** show the internal condition of the devices. Both devices exhibited internal corrosion. Both devices were cleaned, and their internal boards were dried in a vacuum drying oven in accordance with laboratory procedures. After cleaning and drying, the devices were placed in surrogate devices to attempt data recovery. The devices were unable to be powered in the surrogate devices. The iPhone 11's sim card was able to be read, and the data indicated that it belonged to the accident pilot. A review of recovered data from the Appareo Vision 1000 showed the pilot using both the iPhone11 and the iPad Mini in flight. For more details on the usage of both devices, see the Onboard Image and Parametric Data Recorder – Group Chairman's Factual Report which can be found in the public docket for this accident.

In discussion with the Investigator-In-Charge, advanced recovery procedures were not pursued and no data was recovered from the devices.

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