

**NATIONAL TRANSPORTATION SAFETY BOARD**  
Vehicle Recorder Division  
Washington, D.C. 20594

January 15, 2015

## **Personal Electronic Devices**

### **Specialist's Factual Report By Ben Hsu**

#### **1. EVENT**

Location: Highmore, South Dakota  
Date/Time: April 27, 2014  
Aircraft/ID: Piper PA-32-300 / N8700E  
Operator: Private  
NTSB Number: CEN14FA224

#### **2. DETAILS OF DEVICE INVESTIGATION**

The National Transportation Safety Board's Vehicle Recorder Division received the following devices:

Device: Apple iPhone 5C  
Device Serial Number: Unknown

Device: Apple iPhone 5  
Device Serial Number: Unknown

Device: Apple iPad Air  
Device Serial Number: DMPMCBEPF4YD

The Apple iPhone 5C sustained minimal damage from impact forces during the accident (Figure 1). Power was applied normally but the device was unresponsive. In consultation with the Investigator-In-Charge, no additional data recovery attempts were made.

The Apple iPhone 5 sustained major damage from impact forces during the accident (Figure 2). Due to the damage, no data could be recovered from the device.

The Apple iPad Air sustained minimal damage from impact forces during the accident (Figure 3). Data was downloaded normally using NTSB laboratory hardware and software. No accident-related data was found on the device.



**Figure 1: Apple iPhone 5C (S/N Unknown)**



**Figure 2: Apple iPhone 5 (S/N Unknown)**



**Figure 3: Apple iPad Air (S/N DMPMCBEPF4YD)**