

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

April 3, 2017

## **Personal Electronic Device**

**Specialist's Factual Report**  
**By Bill Tuccio, Ph.D.**

### **1. EVENT SUMMARY**

Location: Logan, Utah  
Date: July 18, 2016  
Aircraft: Diamond DA-40  
Registration: N419FP  
Operator: Utah State University  
NTSB Number: WPR16FA144

### **2. GROUP**

A group was not convened.

### **3. DETAILS OF INVESTIGATION**

The National Transportation Safety Board (NTSB) Vehicle Recorder Division received the following personal electronic device (PED):

Device Manufacturer/Model:	<b>Samsung Galaxy S III</b>
Serial Number:	<b>R21CC1WPSYT</b>

#### **3.1. Device Description**

The Samsung Galaxy S III is a PED capable of portable computing and communication functions.

#### **3.2. Device Condition**

Upon arrival at the Vehicle Recorder Laboratory, an examination revealed the unit had sustained minor cosmetic damage and the device powered on normally.

### **3.3. Data Description**

This device is capable of storing data in the non-volatile memory.<sup>1</sup> There is an optional security feature that requires a user-password to unlock the device and access functions and stored data.

Power was applied to the device and it was evident that the user-password security feature was enabled. According to the Investigator-in-charge, the password was not obtainable so the device's functions and any stored data were not accessible. It is unknown whether there were any stored data pertinent to the event. No further attempts were made to access the data.

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<sup>1</sup> Non-volatile memory is semiconductor memory that does not require external power for data retention.