

NATIONAL TRANSPORTATION SAFETY BOARD

Vehicle Recorder Division
Washington, D.C. 20594

October 30, 2018

Personal Electronic Device

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

1. EVENT

Location: Calipatria, California
Date: August 22, 2017
Aircraft/ID: Rockwell International S2R / N5022X
Operator: Farm Aviation, Inc.
NTSB Number: ANC17FA047

2. EVENT SUMMARY

On August 22, 2017, about 1100 Pacific daylight time, a Rockwell International S2R agricultural airplane, N5022X, was destroyed when it collided with terrain following a loss of control while maneuvering, about 8.5 miles east of Calipatria, California. The airplane was registered to the Bank of Utah and was being operated by Farm Aviation Inc. as a visual flight rules (VFR) aerial application flight, under 14 *Code of Federal Regulations* Part 137, when the accident occurred. The certificated commercial pilot, the sole occupant, was fatally injured. Visual meteorological conditions prevailed, and no flight plan was filed. The flight originated at an unimproved dirt strip, about 4 miles from the accident location, at about 1050 and was a local flight for aerial application.

3. DETAILS OF DEVICE INVESTIGATION

The NTSB's Vehicle Recorder Division received the following devices:

Device: Samsung Galaxy S7 Smartphone
Device IMEI¹ Number: 355301075978281

Figure 1 shows the device as it arrived in the laboratory. The device exhibited significant damage due to the accident.

3.1. Smartphone Detailed Description

The Samsung Galaxy S7 is a smartphone with Wi-Fi and cellular communication abilities running the Android operating system. The device is equipped with GPS and can be used for navigation using applications installed by the user.

Due to the damage, no data could be recovered from the device.

¹ The International Mobile Equipment Identity (IMEI) is used to identify the user of a cellular network and is a unique identification associated with all cellular networks.



Figure 1. Samsung Galaxy S7