

NATIONAL TRANSPORTATION SAFETY BOARD

Vehicle Recorder Division
Washington, D.C. 20594

April 5, 2019

Electronic Device

Specialist's Factual Report
By Gerald Kawamoto

1. EVENT SUMMARY

Location: Tyonek, AK
Date: August 23, 2017
Aircraft: Piper PA-18
Registration: N1905A
Operator: Private
NTSB Number: ANC17FA049

2. ACCIDENT SUMMARY

On August 23, 2017, about 2245 Alaska daylight time, a wheel-equipped Piper PA-18AS-125 airplane, N1905A, impacted remote tree-covered terrain while on route to Merrill Field (MRI), Anchorage, Alaska about 31 miles northwest of Tyonek, Alaska. The private pilot sustained fatal injuries, and the airplane was destroyed. The airplane was registered to and operated by the pilot as a Title 14 *Code of Federal Regulations* Part 91 visual flight rules (VFR) personal flight. Night, instrument meteorological conditions were present along the airplane's route of flight at the time of the accident, and no flight plan was filed. The flight originated from a remote airstrip in mountainous terrain near Telaquana Lake, located in the Lake Clark National Park and Preserve, about 2130.

3. DETAILS OF INVESTIGATION

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

Device Manufacturer/Model:	Unidentified Satellite Phone Circuit Board
Serial Number:	N/A

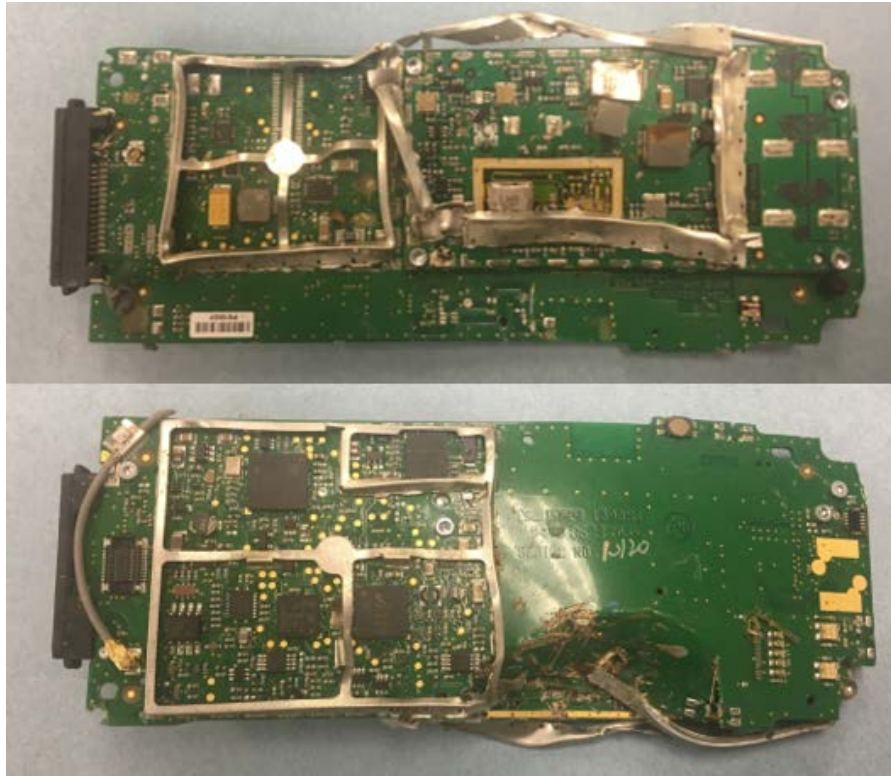
3.1. Device Description

The circuit board received was from an unidentified make and model of satellite phone. There were no discerning features or labels on the board to identify the unit. The enclosing case of the satellite phone was not received with the board.

3.2. Device Condition

Upon arrival at the Vehicle Recorder Laboratory, an examination revealed the board had sustained significant impact damage as shown in Figure 1.

Figure 1. Front and back of the unidentified satellite phone circuit board as received.



3.3. Data Description

This chips on the board were examined and it was determined that there was limited capability of storing data in the non-volatile memory (NVM)¹. Therefore, no data pertinent to the event were recovered.

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