

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

August 30, 2012

## **17 - GPS Factual Report**

by **Bill Tuccio**

**A. EVENT**

Location: Winslow, Arizona  
Date: July 11, 2012  
Aircraft: Cozy-Canard III  
Registration: N718JT  
Operator: Private  
NTSB Number: WPR12LA302

**B. GROUP - No Group**

**C. SUMMARY**

On July 11, 2012, about 1240 mountain standard time (MST), an experimental Bunch-Cozy Canard III, N718JT, impacted terrain during takeoff at Winslow, Arizona. The owner/pilot was operating the airplane under the provisions of 14 Code of Federal Regulations (CFR) Part 91. The private pilot sustained serious injuries, and the passenger was fatally injured. The airplane sustained substantial damage by impact forces. The cross-country personal flight was departing Winslow-Lindbergh Regional Airport (INW) about 1240, with an unconfirmed destination. Visual meteorological conditions prevailed, and no flight plan had been filed.

**D. DETAILS OF INVESTIGATION**

On August 16, 2012, the NTSB Vehicle Recorder Laboratory received the following device(s):

GPS Manufacturer/Model:	Garmin nüvi 200w
Serial Number:	1DN127475

**Garmin nüvi 200w Device Description**

The Garmin nüvi 200w is a portable GPS unit designed for use in automotive environments. It is capable of storing a detailed tracklog within the unit whenever the

receiver has a lock on the GPS navigation signal. All recorded data is stored in non-volatile memory<sup>1</sup>. Communication to the device is provided by a built-in USB port.

### **GPS Data Recovery**

Upon arrival at the laboratory, it was evident that the device had sustained substantial damage, as shown by figures 1 and 2. An internal examination revealed no internal damage. All recorded information was extracted normally, without difficulty.

**Figure 1. Photo of damaged device - front.**



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

**Figure 2. Photo of damaged device - back.**



### **GPS Data Description**

The extracted data consisted of about 28 user created waypoints. However, no track history information was retrieved.