

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

April 17, 2015

## **Electronic Device**

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

### **1. EVENT SUMMARY**

Location: Clayton, Alabama  
Date: April 3, 2014  
Aircraft: Cessna 210  
Registration: N1631X  
Operator: Private  
NTSB Number: ERA14LA179

### **2. GROUP**

A group was not convened.

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

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

Device Manufacturer/Model:	<b>Electronics International UBG-16</b>
Serial Number:	<b>101096</b>

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

The UBG-16 is an engine bar-graph display designed to sense and display engine operating parameters – including exhaust gas temperature (EGT) and cylinder head temperature (CHT) – to a display in the cockpit. The UBG-16 can also send this data to the MUX-8A data recorder using a manufacturer specific bus interface. The UBG-16 does not record data.

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

Upon arrival at the Vehicle Recorder Laboratory, an examination revealed the unit had not sustained any damage.

#### **3.3. Data Description**

No data was recovered; the device did not record data.