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## **SERVICE BULLETIN**

## **SB016-0021**

Subject: VR Avionics Prop Heat Controller Software Update

Date: June 30, 2014

Status: Mandatory

### **PURPOSE**

This Service Bulletin is to explain the procedure for updating the VR Prop Heat Timer Software to v2.2.

### **PRODUCTS AFFECTED**

All Lancair Evolution aircraft equipped with VR Avionics Prop Heat Controller.

### **DESCRIPTION**

Installation of v2.2 software is designed to eliminate false prop heat failure annunciations on G900X flight decks.

### **ACTIONS**

Go to [www.vravionics.com](http://www.vravionics.com), and under "Products", click on "PDC Propeller De Ice Controller".

Click "Run" to install the program on the computer.

Access the Prop Heat Laptop connector. This is located either under top engine cowl near the controller (EVO-0043 & previous) or under the glare shield behind the instrument panel on top of the equipment tray assembly (EVO-0044 & on).

Using a USB extension cable, connect the Prop Heat Laptop connector to the laptop. Since many laptop computers do not have serial ports; a USB to serial adaptor, such as the Tripp-Lite U209-000R, will be needed. The adapter should be available from most computer accessories stores.

Ensure the Prop Heat Switch in the overhead panel is turned off.

Connect the laptop to the controller, open the System Link Software and apply power to the aircraft.

The System Link should communicate with the timer, and the program will query if you want to install v2.2 software. Click "Yes" and the software will update automatically.

When the update is complete, turn aircraft power off, and disconnect the laptop from the Prop Heat Laptop connector. Reinstall cowl or glare shield as required.