

GRT Avionics  
3133 Madison Ave SE  
Wyoming, MI 49548  
616-245-7700  
support@grtavionics.com



**Date:** July 14, 2010

**Subject:** EFIS Rotary Encoder Knob - SB-0001

**Models Affected:** Sport HS, SX and Horizon HS, HX

**Time of compliance:** As soon as possible or within the next 25 hours of operation.

GRT Avionics has determined the set screw that holds the rotary encoder knob cap to the rotary encoder shaft may come loose over time rendering the rotary encoder inoperable with the knob cap in place.

Removing the knob cap will allow operation of the rotary encoder until the repair can be performed.

**Recommendation:** Contact sales@grtavionics.com with number of spacers required and mailing address.

Use a 0.050 inch Allen wrench. Loosen the set screw and remove the knob cap from the rotary encoder shaft.

Insert supplied spacer into the knob cap as far in as possible until seated in the knob cap.

Replace knob cap onto rotary encoder shaft. There should be approximately 1/16 inch spacing between the EFIS bezel face and the knob cap skirt.

Tighten set screw.

Operate the knob/rotary encoder to check for proper operation. The rotary encoder should “click” when pressed and rotate/”click” when turned.

This ends the recommended repair and should take less than five minutes per knob to complete.

