

GRT Avionics
info@grtavionics.com
3133 Madison Avenue SE
Wyoming MI 49548



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 which holds the rotary encoder knob to the rotary encoder shaft may/will come loose over time rendering the rotary encoder inoperable with the knob in place.

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

Recommendation: Contact info@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 from the rotary encoder shaft.

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

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

