



## SERVICE ADVISORY

**NO.: 0910 Revision A**

**TO:** Owner/Operators of Garmin Integrated Flight Deck Systems equipped with GFC 700

**DATE:** 10 March 2009

**SUBJECT:** Possible AFCS (Automatic Flight Control System) failure in Garmin Integrated Flight Deck Systems using GIA SW v5.80 and v5.81

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### **AFFECTED PRODUCTS**

All GFC 700 equipped Garmin Integrated Flight Deck Systems using GIA 63W (WAAS) Software v5.80 and v5.81 are affected. Integrated Flight Deck Systems using non-WAAS GIA 63 units are not affected by this service advisory.

### **DESCRIPTION**

During power-up of Garmin Integrated Flight Deck Systems using GIA 63W SW v5.80 or v5.81, a GIA initialization issue may cause the AFCS to fail on start-up, or to fail when the AFCS is switched to the alternate GIA. The AFCS automatically switches to the alternate GIA in case of active GIA failure (reversionary mode) or can be switched manually by using the GMC controller.

### **PILOT ACTION**

If an AFCS Failure annunciation appears during the Pre-Flight Test (PFT), or if an abnormal disconnect occurs due to GIA failure, remove then restore power to the GIA that did not initialize properly. A successful reboot may require more than one power cycle.

### **RESOLUTION**

GIA 63W Software versions 5.82 and above, have corrected this issue.

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