



SERVICE BULLETIN
FAA/DAS APPROVED

NUMBER CSB-2003-01
DATE 12-15-2003

TO: All Century Dealers, Service Centers and Aircraft Owners of Century Autopilots
SUBJECT: Unsecured Bridle Cable

It has come to the attention of Century Flight Systems that a situation occurred involving a bridle cable that came loose from the servo capstan and caused some control wheel friction. Upon investigation it was determined that the locking pin on the bridle cable had not been secured by the set screw located on the front side of the capstan. The cable guard was also "clocked" wrong and the bridle cable was not wound and attached to the main pitch cable correctly. This particular installation was about two years old and the aircraft had been through a recent annual. The aircraft pilot was performing a high speed taxi test and noticed the increased friction of the control wheel.

Century Flight Systems recommends a physical examination of the set screw and locking pin on any Roll, Pitch and Rudder Servo to insure locking pin is secure in the capstan. Also check the bridle cable wrap on the capstan and travel when the control wheel is moved from mechanical limit to limit.

SIGNATURE ON FILE

W.C. Eubanks / Vice President

SIGNATURE ON FILE

Loyd M. Higgins / DAS Administrator