

May 17, 1999

GSC SYSTEMS SERVICE BULLETIN

AFFECTED MODELS **All GSC Systems 2 and 3 blade ground adjustable**

GSC Systems has been in the business of producing quality props for over 15 years for many types of aircraft. Over the course of these 15 years, it is possible that the original aircraft and/or the GSC propeller may have changed ownership several times. During the transfer of ownership often the instructions and maintenance procedures of our propellers have been lost. To that end, many propellers receive incorrect maintenance.

The most critical assembly procedures of our propellers are that the hub and root ends not be tighten past the recommended **100 in/lb** torque specification. It is also possible that due to the over tightening of the attach bolts, that the space between the aluminum hub halves is no longer visible. The result of this improper assembly or maintenance could result in premature blade failure resulting in either injury or death.

If you do not presently have a set of GSC assembly instructions please contact GSC Systems and one will be forwarded to you.

REQUIRED SERVICE **Immediate inspection**

1. Inspect to insure that a visible gap between the Aluminum hub halves is detected. If no gap is visible contact GSC Systems.
2. If you are the initial and original owner of a GSC Propeller, are you certain that the hub has never been torqued past the 100 in/lb MAX torque specification, if not contact GSC Systems.
3. If you are not the original owner of a GSC propeller can you be assured that the GSC propeller hub has never been torqued past the 100in/lb Max torque specification, if not contact GSC Systems.

GSC SYTEMS TBO

GSC systems have documented user times of over 1000 hours but due to the nature of the exchange and selling of our product we are implementing a 500 or 5 year TBO for all GSC propellers.

If you require further information please feel free to contact GSC Systems. Our goal is to continue the supply of a quality and safe product.