

SERVICE BULLETIN 55

SUBJECT: POSSIBLE PLAY BETWEEN PROP EXTENSION AND LUG BUSHINGS FOR FIXED PITCH PROPELLERS

APPLICATION: All fixed pitch propeller extensions for Glasair I and Glasair II aircraft.

DESCRIPTION: Improper tolerance between the propeller extension and the lug bushings may cause wear in the counterbored holes in the propeller extension.

SOLUTION: Use a two-part, pastic steel product called "JB weld" to eliminate any play between the lug bushings and the propeller extension. JB weld should be available in any auto supply or hardware store.

First wax the propeller and the spinner back plate around the lug bushing holes. Then press the lug bushings into the propeller about 1/2", slightly short of bottoming out. This ensures that the bushings will completely seat into the prop extension when assembled and torqued.

Mix the JB weld according to the directions on the package and apply a liberal amount to the counterbored holes in the propeller extension.

Make sure the spinner back plate, the propeller plate, and the spinner front plate are oriented properly, and install them with the propeller onto the extension. Torque the nuts on the propeller bolts (to about 22-25 ft. lbs. for 3/8" bolts) and let the JB weld cure for 12 to 24 hours before use.

CAUTION: Retorque the nuts after about 10 hours of use, and check the torque about every 50 hours thereafter. Always torque the nut, not the bolt head.


STODDARD-HAMILTON
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