

Canard Pusher Spinner:

The spinner and bulkhead trail your crush plate. The spinner cone will cover bulkhead and crush plate for a clean look and security. Use washers under your bolt heads to avoid scar the aluminum. Make sure you use an aircraft quality washer that is strong but ductile. Do not use hard washers as they may shatter. Torque the bolts as per AC 43-13, step torquing in a cross pattern and the hexagonal pattern to the specified prop torque recommended by the manufacturer of the prop. Over torquing will warp your spinner bulkhead causing the chamfering of the crush plate holes and the spinner to mistrack. Make sure you have an extra 1/8 in. of bolt length to accommodate the bulkhead and washer(s). **DO NOT THREAD BIND YOUR BOLTS.** Mounting a prop requires careful mechanical skills. Get help from a competent source if you need it. Improper propeller mounting can cause propeller loss and devastating results.

Spinner cones are built from 6-8 plies of 6 oz E-glass with SafetyPoxymat, with 2 oz. Kevlar imbedded for screw holding strength. Align the cone and bulkhead by aligning the X's. Inside the spinner cone is a large X, which will match the position of the Xamped in the bulkhead. This insures alignment of the screw holes as they were matched drilled. The base of the cone should fit flush to the prop, then secure it with the 6-32 SS FH screws and Tinnerman washers.

Check the track of your spinner cone. You can use a small jeweler file to adjust the holes if necessary, however the set should track true.

Safety wire your prop bolts per approved data. Check your work. Make the spinner, bulkhead, bolts washers and safety wiring part of your condition inspection program.

If you have any questions, call me at
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