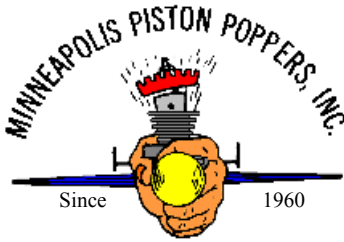


Prop



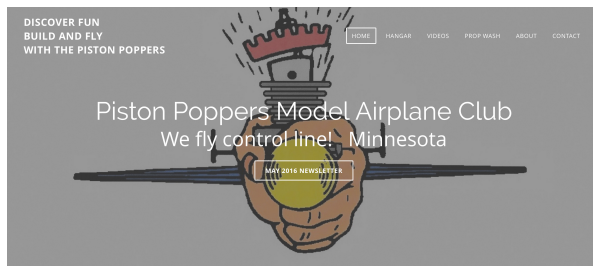
Wash

Prop Wash is a publication of the Piston Poppers Inc., an AMA U-control club

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Any articles for the newsletter are greatly appreciated and will be published as soon as possible.

November 2021



<http://www.pistonpoppers.com>

October Meeting In lieu of report.....



FLYING DAYS

After a call from Keith plans were made to meet at the school flying site for a few flights. John and Shug were also there to enjoy the morning with some flying.

Only having flown a couple of flights during the last couple of years was I rusty? You bet I was rusty and it showed as on the first flight I loss line tension and crashed. Second and third flights were better but still I was very timid about getting too aggressive. The rust was starting to flake off my hands a little

What a super fall day to get together with friends and enjoy the hobby we love.

Bob Cheney

Before 1st flight



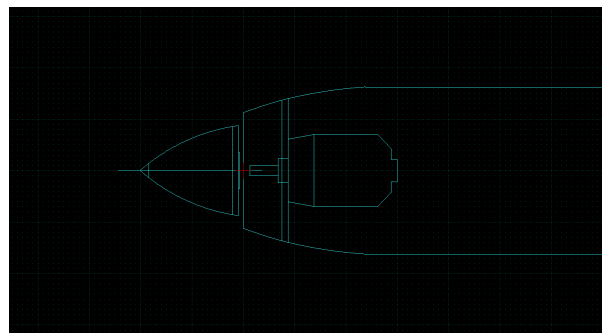
The result of 1st flight

Nose, Nose Anything Goes

Winter is approaching and I'm starting another airplane. Normally I build the wing first, but these are not normal times. So I decided to build the cowl.

A while back I saw a picture of an electric stunter on Stunt Hanger that had a space around the spinner to allow air into the fuselage for cooling. Yeah!

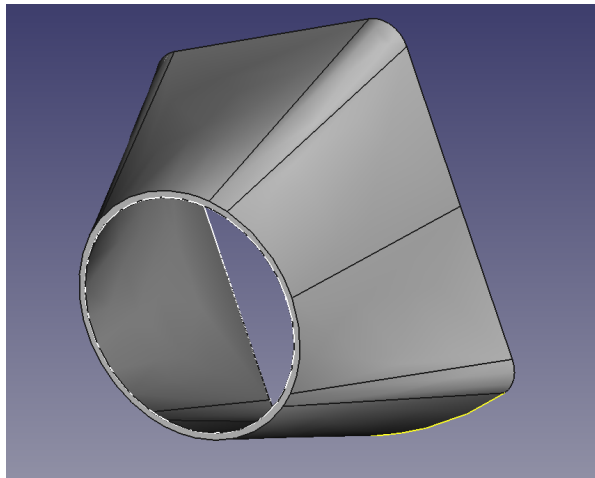
So I drew up a side view in Libre Cad (free open source design software) to get an idea of what it would look like.



After thinking about it for a while I came to the conclusion that having the firewall in front of the motor introduced too many structural difficulties. So, I decided to move the firewall to the back and make a cowl. After downloading FreeCAD (free open source 3D design software), I set about to learn how to use it. This was during the start of Covid and I needed a break from hoarding toilet paper and stocking up on can goods.

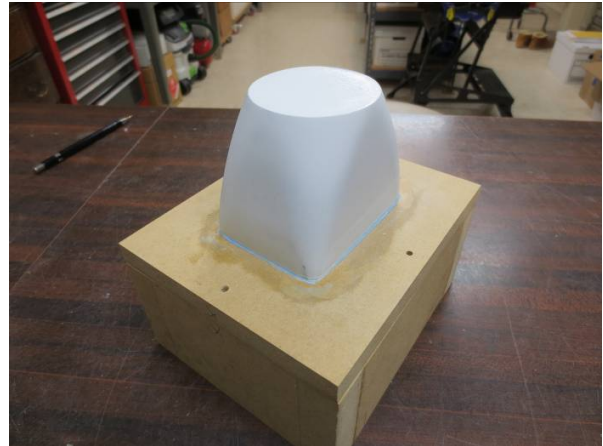
At the time, I was thinking I could draw up the cowl in FreeCAD and then

get someone to 3D print it. After watching more YouTube videos than I can count (it is so easy to get distracted!), this is an early result:



I could not get the software to taper on a curve as per the side view. Discouraged, and in a weak moment, I agreed to refinishing the kitchen cabinets.

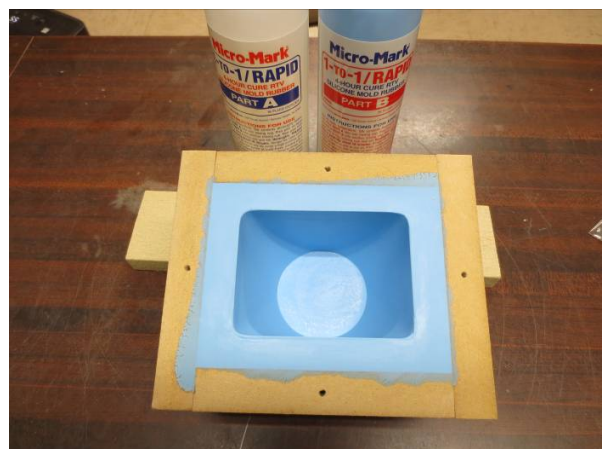
Spooling up to the present day, I decided to go old school. Printed the side view, glued it to a block of wood and started to make shavings and wood dust. The result is a plug for molding the cowl.



Made a mold box:



Filled it with silicone rubber and made the mold:



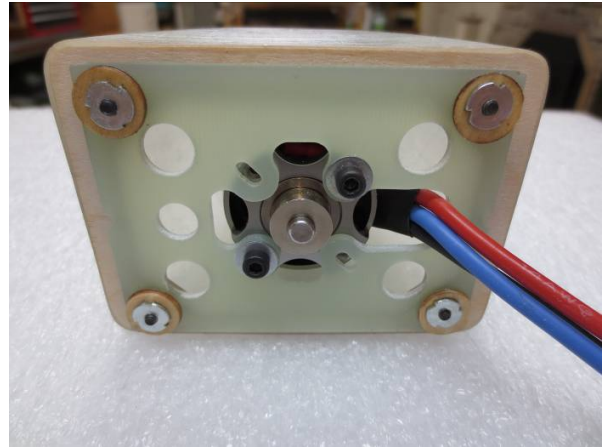
Here is the finished product with the mounting plate installed:



With the motor installed:



From the backside showing the firewall to be glued into the fuselage:



The toilet paper is gone and the canned goods are expiring.

Ivars Greizins



**MEETING NOTICE:- ASSUMING
The Piston Poppers meeting will be
at the Airport Field in the Lynx
reception building conference room.**