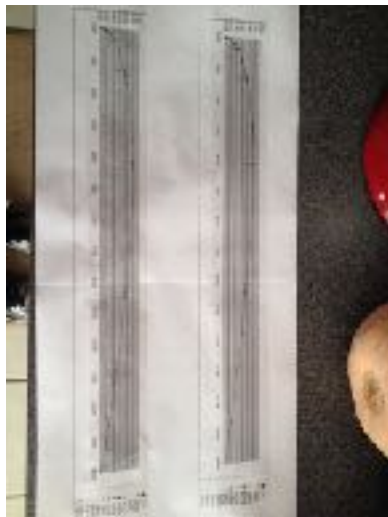


Sorry for the delay, been quite a week at work. I'll see if the mail system will drop the resolution of the photos to keep the file size down.

First, disassembly and clean to bare metal.



Next was to use a computer program (Excel calculator) to form the profile for the rudder. I can send the file if desired. You can modify at will for the shape and size. Off the top of my head, I don't remember what exactly I used, but the file probably has my numbers in it. I printed at 100% size and had to cut and paste the shape together to make the template. I made shapes in PVC boards, glued to the rudder (notched for the metal plate), then glued in foam. I shaped a 2x2 with a notch routed into it for the front.



I then used the wooden template as a shaper to know where to sand down the foam and lead edge wood.



I mixed some epoxy paste to fill-in and shape. (I should have layered completely to protect the foam from poly resin.)



Covered with fiberglass. Here, the polyester resin started to eat through the foam... So, I had to remove fiberglass over the holes I created, fill, then recover with fiberglass. Learn from my mistake.



For the hole in the rudder, I drilled it back open, used a straw to keep the hole open, filled with epoxy paste around it, then sanded down flush.



Another layer of fiberglass (a side at a time, with overlap in front which strengthens and allows to take a hit), paint, sand with a large block which lets you know where imperfections (low spots) are, fill low spots with a paste mix to smooth.



Once satisfied with "smooth enough," I primed and painted with bottom paint.



Please let me know if you want more details.

-Justin