

23/09/25 - Rivetting flanges to firewall - 3h

Category: 6.10 Sam James Cowling

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Short work session. The primer on the flanges has dried and I installed them with the shims underneath on the bottom and side firewall flanges. For most of them I used the pneumatic squeeze to set them.

Here is a picture of the pilot side bottom cowl side flanges rivetted on.



I had previously rivetted the bottom flanges but drilled them out and made shims to be installed underneath. Some of these were shot with the rivet gun and bucking bar.



At one place, I had to install an oops rivet, my rivetting skills are getting rusty after long time not doing it.



In some places, the space for placing a bucking bar is really tight like here around the weldment of the engine mount. I have a small triangular tungstend bucking bar which is just perfect for this kind of locations. It is small but still has sufficient mass in it to set rivets.

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