

M2 NEWSLETTER UPDATE



NEW POWDER COATED PARTS

We are processing a select group of parts first. During processing, these parts are cut, machined and/or welded and stress relieved. They are then QC'd for proper fit. We have already started the creation of “production travelers” (paperwork that tracks a part through processing), as well as new written instructions for process and training purposes to ensure correct production procedures are followed.

Once parts are complete in the processing stage, they move into Coating and Finishing. The purpose of processing these in small batches is to ensure proper tolerances are achieved. This also allows some parts to be set aside for “Pre-Assembly”. For example, you can see the pre-assembly with the control system in the photo below. This allows Sport Copter to fine tune their production procedure for smoother and more efficient “mass-production” assembly if the components powder coating color does not change.



CURRENT PRODUCTION PROGRESS

Along with normal production as shown, we recently received a new batch of extrusions for the current M-2 orders. They just arrived this month as the back log from our vendors was a 52-week lead time. We could not believe it as we were promised a delivery time of fall of last year, but we understand it takes time to retool the dies and change vendors. **NOW WE HAVE STOCK!** And normal Rotor production and shipping continues. The tooling we must make sure that the drill tooling is correct and every machine we build is precision fit so now to into the future parts fit every time and you can see we have splashed off the seat and we are in the process of the finishing of making a new drill tool. Also, we built a sanding booth because carbon fiber dust can easily contaminate other parts of production, so it was necessary when moving forward. Currently, we can build the M-2 carbon parts, bring them to the booth and the downdraft table pulls in the dust for trimming and sanding. Tails and other parts shown. At this time, we are continuing production of the first four machines and then the additional 45+ M-2 aircraft. The first four will help us with vetting any tolerance issues, so we do not build any parts that are unusable. The first machine we will deliver is the Australian dealer then the rest to follow as other machines will be right behind it. Next week, we plan to send an informational production/flying video for the M2.





