



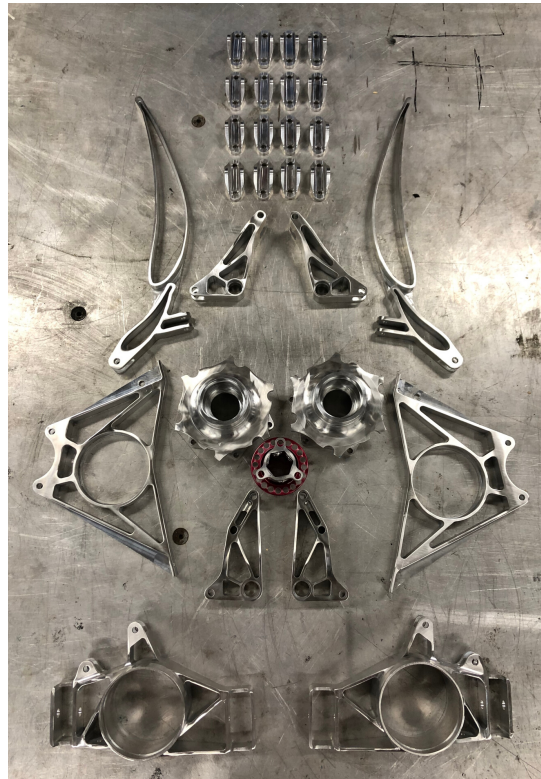
# JANUARY 2020 NEWSLETTER

## F-20: What is to Come

As we welcome the new decade we are also excited to bring a new chassis into our shop! During Winter Break we have been able to get a lot of manufacturing done without the distraction of classes. The chassis is welded and powder coated waiting to receive her skin of aircraft fabric and new livery for 2020!



Above: F-20's chassis freshly back from powdercoating  
Below: Parts laid out after being polished in preparation for anodization



Our new CNC mill Haas has been very productive for the team cutting our lead times on components from weeks to mere hours. We have taken full advantage of this in order to meet our schedule for this build cycle. The photo of all of the parts which includes uprights, wing mounts, and our differential carriers shows a small cross section of all that we have machined on the CNC. These parts are going off to be anodized, but we have also made other parts for our engine, the DRS system, and molds for our composite parts.

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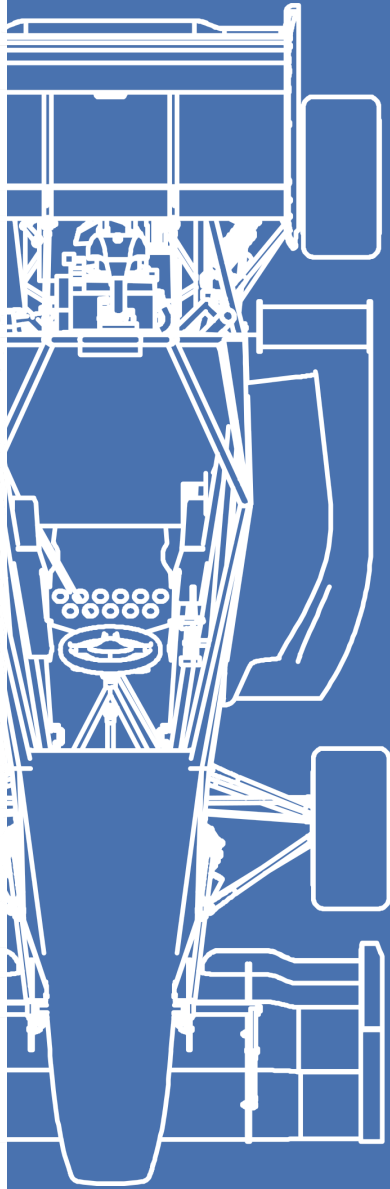


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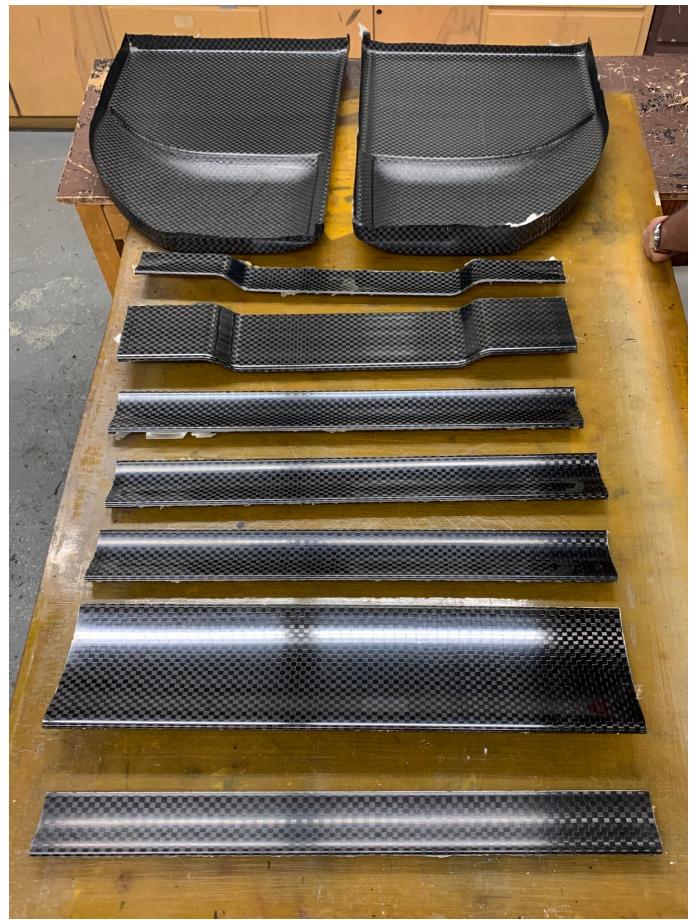
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Our composites team has been hard at work getting all of the wing components laid up and cured. They have done a fantastic job of getting all of the rear wing elements and endplates done!

On top of the wings they have also made a newly designed undertray. That process involved the machining of a foam buck, a wet lay-up of a mold, and finally manufacturing the part itself. The in house manufactured carbon rims are also getting finished with trimming and drilling.



Rear wing elements after being cured laid out in configuration that they will be assembled in

We are very excited to see the F-20 come together over the next couple of months and hope that you all will join us as we get ready for Formula SAE California!



In house manufactured carbon rim after having the wheel center mounting holes drilled