

Wednesday, April 22, 2014



Greetings from Crimson Racing,

Thank you once again for your support of Crimson Racing. We have experienced some highs and lows since our last update, but we hope you share the same excitement as we do of the direction that our car and program are headed.

We have successfully driven the car several times and been able to collect valuable data while trying to improve the car more and more between drives. Unfortunately, we damaged our differential severely in our most recent drive. Instead of simply waiting for the differential to be replaced, we decided to be as efficient as possible and use the waiting time to build our new frame. After many long days and late nights of welding, we are proud to say that the frame is completed and freshly painted. The new frame was built with our newly redesigned suspension in mind and we are even able to safely fit our tall team members (6'3").



From an electrical stand point, we decided to put off changing to the MicroSquirt engine control unit until next year. The amount of time required to tune the engine with a new ECU would have been too much of a task to complete before competition. Despite remaining with the Performance Electronics ECU, we have purchased several new sensors to collect more data and make better design decisions in the future. We would like to buy more sensors in the hope of impressing the judges with large amounts of data and the subsequent improvement of the car. One issue we have experienced is applying the data in a useful way, but as we have more exposure to the sensors and continue to do research, we feel we will be able to take advantage of the full potential of all the sensors.

Although people claim that it's what is on the inside that matters, we have taken a bold step towards also making the outside of our car look spectacular. The car now has side pods between the wheels not only to add aerodynamic functionality, but also to present the car in a more fashionable manner.

We are also excited to announce that we have a running website that is live now. We will be trying to keep it updated as we get more pictures and newsletters. Keep your eye on it if you want to see the latest information about our car and team. The website also provides some information about FSAE as a whole and about how to sponsor us if you ever need more information on those topics.

As the car continues to improve, so does the team. With all the extra time spent working at the shop, the whole team has developed strong bonds with each other that will last for years to come. The fact that the whole team is young excites us because we feel that in



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our remaining years at the university, we can really turn the University of Alabama Formula SAE into a top program.

We greatly appreciate your support for our program. We would not be where we are today if it were not for your help. We hope that you are excited about our recent successes and also about what the future holds. If you have any questions or would like to know more about a certain area of this update, please send us an email.

Sincerely,
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