

OREGON TECH RACING



Monthly Newsletter March 2014

SSCC Spring Enduro

The team entered and participated in the Sisikyou Sports Car Club Spring Enduro on April 4-6 this past weekend. This event is great for practicing core fundamentals of racing and driver control. We had a great experience and are proud to announce that we broke the track record by 12 seconds!

Our electronics team lead and driver Cody Bulkley took the record in our F2013 car. Unfortunately, our car continues to have oil starvation issues which prevented the drivers from fully utilizing all of the mechanical grip which is produced by our aerodynamics package.

For this reason our F2014 car will feature a dry sump oil system which will eliminate oil starvation issues. However, our car outperformed every other competitor due to its handling characteristics. We competed against other open wheeled race cars, Corvette's and an older formula continental and put down faster lap times. We had four other drivers participating in the event and they all finished with some of the fastest times of the weekend.

These events are great for exposure for both the team and our sponsors. Participants and spectators constantly ask us about our car, the project and continue to show interest in what we do. We have been attending the spring enduro for the past three years and have a great relationship with other racers and spectators.

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Upcoming Events:

- Manufacturing (ongoing)
- Testing and Validation (ongoing)
- FSAE WEST 2014 June 18-21

2013 FSAE WEST Notable Results:

- 16th Overall
- 7th in Design
- 4th in Autocross
- 7th in Endurance



Cody on his record setting laps

Sponsorships:

One of the many obstacles that every formula team faces is finances.

These cars cost a lot of money to produce. Everything from raw material such as steel, aluminum and composites is expensive.

Testing the car requires the use of tires which are consumed at a rapid rate and are also extremely expensive.

We are always looking for new sponsors in any form, such as machining time, purchased parts, materials, apparel etc.

If you would like information about our sponsorship program please contact us.

We would not be anywhere without sponsors and donations.

To our existing and future sponsors:

Thank You!

Reports:

The past few weeks we have been focusing on static events and reports that are mandated by FSAE and all due on April 1st.

The team spent approximately 500 hours redoing our cost report from the ground up. This was difficult because nobody had ever done the cost report who is still on the team. We managed to increase our reports accuracy and completeness substantially. Our 2013 cost report was a mere 30 pages whereas our 2014 cost report was 271 pages!

This was a key achievement because it put into place the ground work for the cost report for next years team. Additionally, several younger team members helped and worked along side our seniors so they are fully aware of the process for next years team.

We also produced the design report for our car. This report is much shorter than the cost report and is limited to four pages of text, three drawing sheets and one optional page defined by the team. Our optional page shows images of our new and advanced components.

However, the design report is critical to our design score and is the first thing design judges will read and start to form opinions of our car based on it.



SSCC Enduro Team Shot

Contact Us

Email:

oitracing@gmail.com

Follow us on Facebook:

www.facebook.com/oitracing

Check out our website:

www.oitracing.com