

TOTALSIM^{US}

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Ray was able to stop by Mid-Ohio over the July 4th weekend and catch this pic with Jagger Jones' Cooper Tire USF2000 car. Seeing the TotalSim US logo on track is always a thrill for our team!

TotalSim joins the Jagger Jones Racing team

TotalSim is excited to partner with driver Jagger Jones in support of his points-leading Cooper Tire USF2000 Championship entry with Cape Motorsports.

Ray and Naethan met Jagger at the Grand Prix of St. Petersburg and were immediately impressed with his success in open-wheel racing at such an early point in his career.

“We have been involved in motor racing collectively for over 40 years and I’m thrilled that TotalSim is able to add real value via our work in computational fluid dynamics (CFD), aerodynamics and race engineering in support of Jagger,” expressed Ray.

“Helping young drivers has always been one of the best parts of my racing career and I’m excited to continue that through this relationship. The INDYCAR ladder system is only getting better and Jagger is off to a great start on working his way up!”

To learn more about Jagger and TotalSim’s partnership with him, check out the article on our website [here](#).

Catching up

The recent weeks have been jam packed for us here at TotalSim.

Our team was kept busy reducing drag on an electric motorcycle, scanning a full human body on a snowmobile for future modeling and simulation analysis, developing a process for modeling water spray behind race cars, along with many other projects. In addition to all of this, one of our favorite Senior Engineers gave us a reason to come together outside of the office with a wedding celebration at the end of May.

Also in the month of May, we hired our newest CFD Engineer, Drew, and welcomed our two interns, Saj and Danielle, into our Dublin office. We can’t wait to show them what TotalSim is all about and see what they learn and contribute.

In June, Robyn attended NRC22 Americas; this NAFEMS regional conference was a deep dive into all areas of engineering simulation in which attendees presented papers on topics from CFD to FEA to the use of AI or machine learning in simulation. The Keynotes from a wide range of industries were especially good.



Ray goes camping at AirVenture!

It’s that time of year again, Ray will be attending [EAA AirVenture](#) this month at Wittman Regional Airport in Oshkosh, WI. This event is one of the company favorites, seeing as Ray gets to fly himself there and camp under the wing of his Piper

Cherokee Six for most of the week. Ray will also be attending the Vertical Flight Society Electric Aircraft Symposium on the opening weekend July 23-24.

More than 500,000 aviation enthusiasts from 80 different countries attend this event each year to join in on what has been deemed “The World’s Greatest Aviation Celebration.” With over 10,000 aircraft on the field it makes KOSH the busiest airport in the world during the week of the show.

The show includes daily airshows, informative programs and hands-on workshops, diverse display aircraft spanning all eras of flight, evening programs, and nearly 1000 exhibitors making it a bucket-list trip for any aviation enthusiast.

Coming up

- **Electric Aircraft Symposium (EAS)** | July 23-24 | Ray will be attending the Vertical Flight Society EAS prior to AirVenture. This event sponsored by the Vertical Flight Society is where presenters will discuss the latest in electric aircraft, propulsion systems, energy sources, certification, regional and urban use cases, and the current market opportunities.
- **EAA AirVenture** | July 25-31 | This is an annual event for Ray and he always enjoys attending, seeing new aircraft innovation and meeting up with fellow aviators and engineers at this event
- **National Advanced Air Mobility Industry Forum** | Late August | TotalSim will be an exhibitor and have several staff at this two day event promoting Urban Air Mobility.

Please reach out if you are attending any of these events. We would love to catch up with you and hear about what you have been up to!

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