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*Aerodynamics For Engineers**

Now reissued by Cambridge University Press, this sixth edition covers the fundamentals of aerodynamics using clear explanations and real-world examples. Aerodynamics concept boxes throughout showcase ...

Aerodynamics for Engineers

Engineers from Lawrence Livermore National Laboratory (LLNL) have proposed reshaping heavy vehicles such as semi-trucks to be more aerodynamic. This new continuous design could significantly reduce ...

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This New Aerodynamic Design Could Improve Fuel Efficiency for Heavy Vehicles

MSBAI, an Air Force Techstars 2020 company, has been selected for an AFWERX Small Business Innovation Research (SBIR) Phase 2 contract in the 20.3 cycle, in which they will adapt their GURU cognitive ...

EVisionaries Bring Digital Engineering Revolution

By altering the size and angle of the wickers, engineers can significantly change the aerodynamics of their vehicles. To find out how much change they've wrought, they bring the vehicles to the wind ...

Indy Aerodynamics the Difference Between Victory & Defeat

Engineers trained in the most in-demand fields can earn among the highest salaries of all college graduates in the country.

High-paying Engineering Jobs

Semantics are for marketing people. I'm an engineer. It all comes down to aerodynamic drafting and safety. If you look into guidance on "safe following distances" you find that it largely is ...

Powertrain type doesn't matter without aerodynamics

We spoke to Haas F1 Team's Edward Regan to find out what a Performance Engineer does, how to become one, and what skills you need for the job.

How to become a Performance Engineer in F1 – Qualifications, skills & more

For us at home, the paper airplane continues to serve as a popular model to explore physics, aerodynamics, and engineering. Discover what makes a paper airplane fly longer, farther, and higher with ...

Paper Airplane Flight Challenge

Extraordinary challenges demand new ideas - and the Hyperloop project is a vast and daring undertaking,' explains Christof Bachmann, VAT Head of Engineering Advanced Design. 'The VAT team has ...

VAT Valves Enable Hyper Speeds for Hyperloop Projects

Aston Martin owner Lawrence Stroll expects to be able to fight for Formula One titles in four or five years' time after investing heavily in his Silverstone-based team.

Aston Martin aim to fight for F1 titles in four or five years

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From the testing of subscale to full-scale models at speeds ranging from subsonic to hypersonic, work performed over the decades in the nine wind tunnels that comprise the Arnold Engineering ...

Defense, Space exploration among the contributions of the Aerodynamics Test Branch

"[Car constructor] Dallara had engineers in Italy five hours ahead of us and they ... Indycar and Dallara wanted to rebalance the car for 2021, so now they're doing the aerodynamic detail work that ...

Indycar Conducts Aero Testing to Validate Wind Tunnel and CFD Modeling of Changes

Red Bull will lose their head of aerodynamics, Dan Fallows ... restructuring their staff by appointing a performance director, engineering director, and technical director, all reporting to ...

Aston Martin poach Red Bull's head of aerodynamics

Approximately 670 skilled workers at Arnold Engineering and Development Complex (AEDC) in Tullahoma, Tennessee, voted overwhelmingly Friday to reject a new contract proposal, choosing instead to ...

Tennessee workers at military research facility continue strike for health and safety

It takes a wing, a spoiler, and more to keep the CT4-V Blackwing firmly pressed against the asphalt. Here's how it all works. By Rob Verger
July 01, 2021 Airplanes fly because their wings generate ...

This Cadillac gets heavier the faster it goes—and that's a good thing

Longer, with more tire clearance, and more aero – the Addict Gravel takes cues from Scott's aero road bikes and its mountain bikes.

Scott refines Addict Gravel for speed and handling

Engineers extensively improved the GTR's aerodynamics for the 1998 season and replaced the 6.0-liter V12 with a 5.0-liter V8 derived from the unit used in the Le Mans-winning Sauber C9 and the ...

The Story of the Mercedes-Benz CLR, the Silver Arrow That Took Flight at Le Mans

In wind tunnel tests at MIRA, V-Air reduced WMC250EV's aerodynamic resistance by as much as 70 per cent compared to a market-leading high performance road bike. Warwick team reveal design of Aurora ...

Prototype electric motorcycle set for tilt at land speed records

Needless to say, designers and engineers paid special attention to the car's aerodynamics especially in regards to the available carbon fiber packages. Both packages were developed using a new ...

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