



Beyond the Transportation Industry

ARC, the Best Kept Secret in Efficiency!

The same tools and knowledge that ARC uses to benefit its transportation customers can be used to help you find **efficiencies in your product.**

ARC's motorsports heritage serves it well, the work ethic to get the **job done correctly on time** to quickly **adapting to new situations.**

In-house **Computational Fluid Dynamics (CFD)** services offers the biggest benefit for any industry that has anything that interacts with heat, air or water. ARC is also a reseller of HELYX® a general purpose CFD software developed by ENGYS Ltd.

The 7-post shaker rig allows for products to be **durability vibration** tested, by using custom vibration inputs to using generic wave input from a catalog.

ARC's rolling road **wind tunnel** is one of the more unique tools, with air speeds able to reach 50 meters per second (112 mph), testing products directly in a controlled environment that allows for optimization and real world learning.

Having a team of experts in-house, ranging from engineering, research and development to styling designers allows for a **comprehensive consulting packages** to improve product life cycles.

Every wind tunnel scale model is custom built and is highly detailed and must work first time out. Thus, ARC has a team of **custom fabricators** who work with metal, carbon fiber and rapid prototyping/3d printing.

Reverse Engineering services at ARC allow physical parts to be scanned and turned into digital 3D stl and CAD models. Combined with the **Rapid Prototyping/3D Printing** lab, at ARC we can produce prototype parts for your needs.