

COMPANY GOES LEAN, MORE THAN DOUBLES MANUFACTURING CAPACITY

ABOUT AEROVAULT LLC. Aerovault is a high-quality, aerodynamic car trailer manufacturer owned by Gail Brock and her husband, automotive designer Peter Brock. The company moved to Henderson, Nevada from Washington State in 2011, and has six employees.

THE CHALLENGE. Demand for Aerovault's intricate, fuel-efficient trailers was outpacing supply. The company was searching for the most effective way to scale their intricate, start-to-finish manufacturing process, and looking for consultation and training resources to tap into industry-leading manufacturing techniques and processes. After hearing about Nevada Industry Excellence (NVIE), company leaders decided to engage the NIST MEP affiliate.

MEP CENTER'S ROLE. Nevada Industry Excellence introduced a Lean and cellular manufacturing model to Aerovault that allowed the company to work on multiple trailers simultaneously. The model reduced the time spent on each trailer to just five work days, a significant decrease from 175 days. Employees continue to apply their Lean skills to implement further improvements.

"Nevada Industry Excellence is a resource that is hard to come by. It is not just training and implementation of manufacturing process that they offer, but also identifying what is needed. We operated our business elsewhere and had never heard of a state affiliated organization helping a business like this."

-Gayle Brock, Owner

RESULTS



Improved productivity by
350%



Reduced production time by
170 working days



Conducted training to
Aerovault employees

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