



GS ENGINEERING HAS A PROVEN TRACK RECORD

of utilizing processes compliant with AS9100D/
ISO9001:2015 registered processes to deliver
innovative, robust, and practical designs to our clients.

- Extensive experience in lightweight, high strength, cost-conscious, manufacturable designs.
- Scalable support from targeted design tasks to fully managed, turn-key design packages.
- Utilization of a comprehensive analysis approach leveraging numerous CAE software programs.
- History of product development from initial concept through build support and design validation across various industries.
- Knowledgeable procurement and quality management staff versed in supplier qualification for prototype through high volume production.

ADVANCED ENGINEERING AND PROTOTYPE SERVICES

- Seamlessly supporting your existing design by utilizing advanced development software
- Refining design through Finite Element Analysis (FEA) utilizing ANSYS, Altair, and proprietary internally developed CAE tools
- Benchmarking services that include portable CMM, 3D scanning and material analysis
- Metallurgical consulting covering mechanical testing, metallography, microstructure analysis, corrosion testing, and elemental characterization
- Materials and failure diagnosis leveraging our engineering staff's years of experience across various industries along with proven engineering processes



FROM CONCEPT TO PRODUCTION

GS Engineering works with a network of preferred suppliers in addition to our own internal capabilities to support production of components using the best manufacturing process for your application. Whether it is a single prototype component or a full serial production run, contact us to see how we can help with your manufacturing needs.