The Concept for Advanced Military Explosion-mitigating Land Demonstrator (CAMEL) is a new, nontraditional U.S. Army ground vehicle survivability demonstrator. The CAMEL’s outer structure undergoes significant shape and construction engineering to limit the vulnerabilities of the seams during a blast event. CTC friction stir welded the hull for contractor Pratt & Miller. U.S. Army photo.

Concurrent Technologies Corporation (CTC) is an independent, nonprofit, applied scientific research and development organization. As a nonprofit, CTC partners with clients to provide the best possible advanced engineering & manufacturing solutions. We offer extensive ground systems expertise, including:

- Design and Prototype
- Armor
- Advanced Manufacturing Process and Materials
- Signature Management

CTC’s quality management system is certified to the ISO 9001:2015 and AS9100D:2016; CTC’s environmental management system is certified to 14001:2015.
CTC scientists and engineers respond to DoD challenges by delivering high-value engineering and manufacturing solutions through services such as failure analysis, rapid prototyping, reverse engineering, and sustainment support that reduce cost, improve performance, gain efficiencies, and reduce risk.

Clients benefit from our focus on space, weight, and cost savings as well as energy efficiencies, which are integrated as appropriate into each project. Successful projects don’t just meet mission requirements; they are sustainable and maintainable.

CTC’s customized engineering designs identify solutions to reduce manufacturing costs for our clients by developing more efficient and dependable options. Our in-house machining and fabrication services enhance CTC’s ability to produce full size prototypes.

CTC supports warfighter survivability and mission readiness through design, development, testing and demonstration of creative and innovative alternatives and improvements to existing systems.

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