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FOR IMMEDIATE RELEASE

## Shell Shock's Next-Gen 7.62x51 Ammo Crushes Military's Most Demanding Live-Fire Evaluation

*Zero failures across the harshest testing conditions at the Naval Surface Warfare Center confirm NAS<sup>3</sup> case technology's battlefield readiness.*

**Eubank, KY (May 2025)** – [Shell Shock Technologies](http://www.shellshocktech.com), LLC. (SST), a leading innovator in the ammunition industry, is proud to announce a critical achievement in its mission to redefine military-grade ammunition performance. The company's 7.62x51mm NAS<sup>3</sup> cartridge cases have successfully completed rigorous testing at the Naval Surface Warfare Center, Crane Division, one of the most demanding environments in the defense sector. The results: zero case failures.

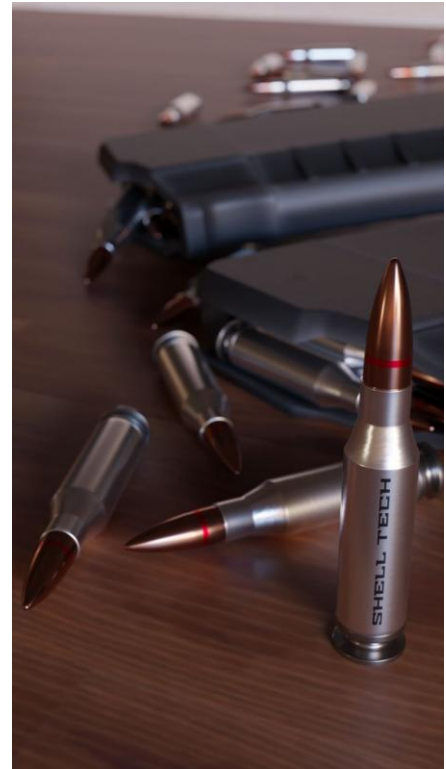
The tested ammo used a 155-gr bullet, loaded at 50,000 psi, and had velocities of 3000 ft/sec. It was tested under extreme pressure and velocity in belt-fed machine guns, including the 240 Bravo and Minigun platforms, SST's 7.62x51 cases passed with flying colors, even under the violent conditions of automatic fire and harsh ejection cycles. Testing was conducted at ambient temperature, -40°F and +160°F, with all pressure and velocity benchmarks met or exceeded.

"This milestone underscores the durability, consistency, and tactical advantages of our NAS<sup>3</sup> case technology," said [Peter Foss](#), Managing Director and CEO of Shell Shock Technologies. "Zero case failures in such unforgiving conditions is not just a win for us – it's a validation for every warfighter and defense partner looking for lighter, faster, and more accurate ammunition."

The 7.62x51mm success joins a growing list of calibers, including 300 BLK, 5.56, 6.5 Creedmoor, and the promising early results from .338 Lapua, that are reshaping battlefield expectations. The company is now ahead of schedule with initial test samples for the .338 Norma, and tooling is officially underway for .50 BMG. The 7.62x51mm will be available in Summer 2025.

Together, these advanced case offerings deliver a generational leap in combat performance:

- Reduced weight for increased mobility
- Higher velocity and extended range
- Improved accuracy and consistency



SST continues to drive innovation in ammunition design, helping international defense and ammunition manufacturers gain a critical edge in today's most complex operational environments.

Keep up with Shell Tech's advanced ammunition on the [website](#) and social media platforms: [Facebook](#), [Instagram](#), and [YouTube](#).

#### **About Shell Shock Technologies and Shell Tech Ammo:**

[Shell Shock Technologies, LLC](#) (SST), headquartered in Eubank, Kentucky, is a leading innovator in advanced ammunition case design and manufacturing. Since 2015, Shell Shock has supplied hundreds of millions of high-performance cases to commercial ammunition companies, U.S. defense contractors, and international defense allies. The company's patented, lightweight, and durable cases are engineered to enhance precision, reliability, and functionality across a variety of applications. Expanding on this legacy, Shell Shock introduced Shell Tech, a new line of factory-loaded, hand-inspected ammunition designed for hunters, sports shooters, and defense professionals. Produced at our Calhoun, Georgia facility, Shell Tech ammo brings unmatched quality, accuracy, and consistency directly to consumers.

Committed to ongoing innovation, Shell Shock's engineers continually develop advanced materials and processes, including pioneering lightweight ammunition links for belt-fed machine guns. With a focus on performance, dependability, and customer satisfaction, Shell Shock and Shell Tech set a new standard in ammunition technology.

For more information, please visit [www.shellshocktechnologies.com](http://www.shellshocktechnologies.com) or follow us on Instagram at [@shellshocktech](#).