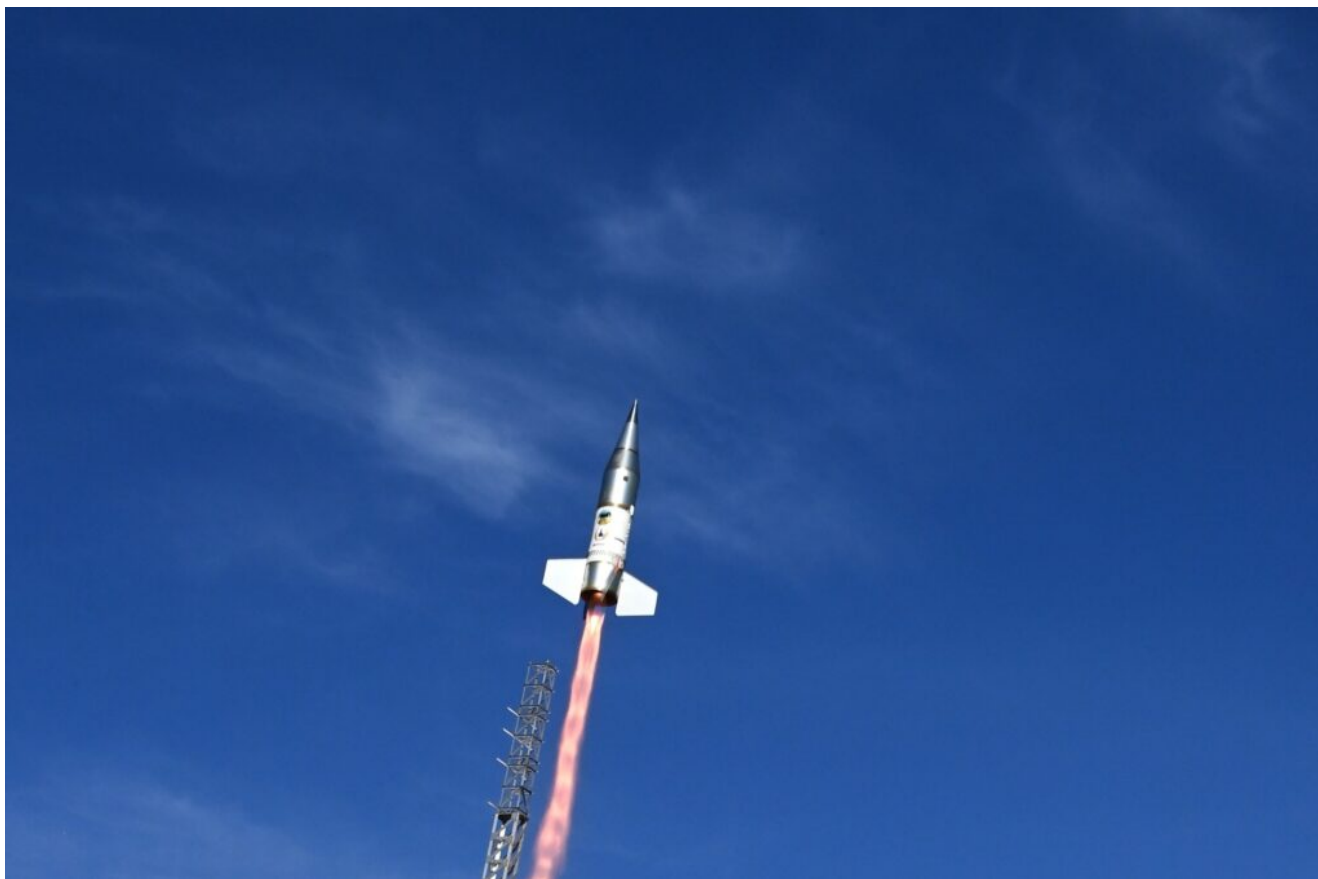


X-Bow First to Deploy Lockheed Martin's Secure AI for Rocket Production



Launching SRMs at the speed of software. X-Bow is the first to deploy the Astris AI Factory (a Lockheed Martin Co. platform) to establish a Defense-Grade Digital Backbone. This accelerates manufacturing and delivers affordable capability. *Establishes Defense-Grade Digital Backbone to Accelerate Warfighter Capability*

Release From X-Bow Systems

WASHINGTON, October 29, 2025 – X-Bow Systems Inc (X-Bow), the leading non-traditional producer of advanced manufactured solid rocket motors (SRMs) and defense technologies, announced today an agreement that establishes the company as the first customer to adopt defense-grade artificial intelligence (AI) capabilities within the Astris AI Factory, a secure, end-to-

end AI platform from Astris AI, a Lockheed Martin company.

This move is designed to accelerate X-Bow's ability to meet urgent national security production demands by establishing a trusted digital backbone for its factory operations.

Why It Matters: Faster, Affordable Rockets

This is about applying defense-grade AI to X-Bow's most sensitive, mission-critical functions—from secure data governance to factory control. This shift directly enables affordable and faster delivery of tactical rocket motors to the warfighter.

- **Defense Focus:** X-Bow is establishing an accredited digital environment with its first application being a secure AI agent. This initial governance step is critical to rapidly scaling affordable production for U.S. missile and hypersonics programs by proving the platform's security for all proprietary Advanced Manufactured Solid Propellant (AMSP) processes.
- **Security & IP:** Using the Astris AI Factory, which is proven in classified environments, allows X-Bow to handle its core manufacturing IP with defense-grade security, ensuring data integrity from design to deployment.
- **Manufacturing Control:** The platform's strategic operational focus is on advanced manufacturing control, leveraging Astris AI Factory's generative AI and MLOps framework to free up engineering time and improve process control, enabling rapid, reliable iterations essential for defense production.
- **Scale & Affordability:** The agreement paves the way for X-Bow to rapidly extend this accredited platform across its manufacturing enterprise, enabling real-time production execution and higher throughput for tactical and large-scale rocket motors.

The Tech Stack

The platform integrates the latest AI enterprise software to operationalize sophisticated models.

- This framework allows X-Bow's custom AI tools to securely retrieve and analyze proprietary technical data in real-time while drawing on multiple large language models for process optimization and digital twin fidelity.

- This architecture is designed to simplify and accelerate the accreditation process, a huge factor for defense suppliers operating on government programs.

The Takeaway

"This customer agreement dramatically improves our ability to secure the necessary accreditation to scale up manufacturing," said Jason Hundley, Founder and CEO of X-Bow Systems. "This secure, accredited digital backbone is a game-changer for data governance and production integrity, allowing us to focus our engineering resources on delivering rapid, affordable solid rocket motors for our customers."

"This collaboration marks a defining moment in bringing trusted and reliable AI directly to mission-critical environments," said James Droskoski, CRO, Astris AI. "By integrating the Astris AI Factory platform into X-Bow's advanced manufacturing operations, we're helping deliver a secure, data-driven foundation that accelerates production, strengthens supply chain resilience, and upholds the highest standards of national security. Together, we're proving that AI can transform both speed and affordability for critical systems that protect our nation."