

U.S. Navy Awards Ursa Major \$137M for Advanced Solid Rocket Motor Programs



BERTHOUD, Colorado – The U.S. Navy has awarded Ursa Major two separate contracts, totaling \$137 million, funded through the Office of the Under Secretary of War (OUSW), to develop and qualify advanced tactical solid rocket motors for the Compact Air-to-Air Missile (CAAM) program and the Naval Modular Missile (NMM) program. The awards leverage Ursa Major’s Lynx manufacturing approach, expanding energetics production capacity and applying advanced additive manufacturing techniques to deliver tactical motors that can be produced at scale.

“By investing in CAAM and NMM, the Navy and OUSW are building solid rocket motor capacity now and getting new tactical air and naval capabilities into development sooner,” said Jason Meredith, president, Solid Missile Systems at Ursa Major. “Our Lynx manufacturing approach and growing energetics capacity enable us to design, build, test, qualify and field these

motors faster to support the warfighter. Production is the bottleneck in missile programs right now, and that's the part we've been building for."

For CAAM, an air-launched missile for current and next-generation aircraft, Ursa Major is designing a high-performance compact, low-cost 7-inch solid rocket motor designed to achieve performance requirements inside a tight volume and at low unit cost using Highly Loaded Grain. The design is being developed with the same manufacturing methods planned for full production, so it can be built at scale once qualified.

Ursa Major will also support the NMM medium-range variant by providing a 10-inch solid rocket motor designed for high-rate production and compatibility with existing Navy shipboard launch systems. The effort is aimed at delivering an operational motor that meets Navy performance and safety requirements while supporting high annual production volumes.

The awards build on Ursa Major's existing solid rocket motor work with the Navy. In July, the [Navy awarded the company \\$10 million to advance its MK 104](#) design through critical design review and static fire testing to support the Standard Missile family. In February, [Ursa Major completed a \\$25 million cost-share Solid Rocket Motor Manufacturing Pathfinder Program with the Navy and the Office of Strategic Capital](#), designing, building and static-firing a 10-inch Highly Loaded Grain motor and developing a proprietary propellant for it. That work was conducted with the Naval Air Warfare Center Weapons Division at China Lake and the Naval Surface Warfare Center Indian Head Division.

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