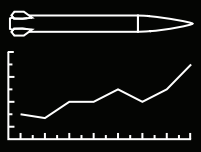
HYPERSONICS CAPABILITY CENTER

Ushering in a new era for faster, more survivable, highly capable weapons.

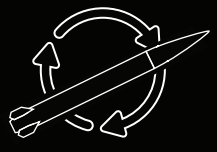
Northrop Grumman is expanding its hypersonic and high speed weapons production and integration footprint to increase capacity to meet our customer's demands of the future.

At the Hypersonics Capability Center, Northrop Grumman will manufacture scramjet propulsion. The new 60,000-square foot facility features state-of-the-art production technology and digital engineering best practices that will result in the ability to respond to mission requirements quickly.



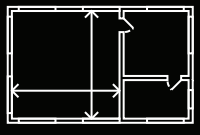
HYPERSONIC AIR-BREATHING MISSILE

Partnering with Raytheon, an RTX business, to develop the first of its kind HACM for the U.S. Air Force



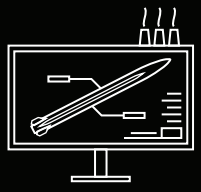
LIFECYCLE PRODUCTION OF PROPULSION SYSTEMS FOR **HYPERSONIC WEAPONS**

From design and development to production and integration



60,000 SQUARE FOOT FACILITY

Consolidating key manufacturing elements of hypersonic weapons in a single location to drive affordability and scale



DIGITAL DIFFERENTIATION

Combining the latest digital design tools and physical manufacturing techniques to meet the needs of our nation's warfighter as quickly as possible

ngc.com/hypersonic-capability-center

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NORTHROP GRUMMAN

Northrop Grumman
Elkton, MD

Northrop Grumman's 550-acre campus in Elkton, Maryland is the premier advanced propulsion manufacturing facility offering tip to tail capabilities in one location. The facility holds a rich heritage of solid rocket motor manufacturing dating back to 1948. Today, the facility specializes in developing, manufacturing, integrating and testing advanced propulsion systems for a wide variety of Government and commercial customers.

FAST FACTS

- 460,000 square feet of manufacturing space
- 700+ employees
- 550 acre campus

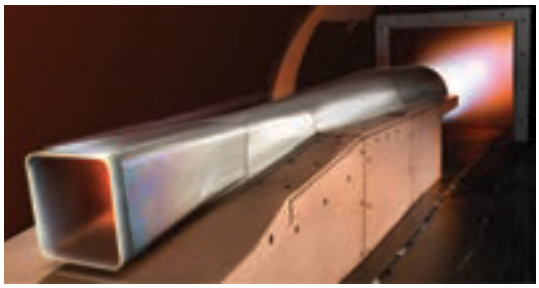
OUR ADVANCED WEAPONS EDGE

- Full lifecycle production of propulsion systems for hypersonic weapons from design and development to production and integration
- Efficient, modernized, and affordable production capability for propulsion
- Only defense company with integrated fuze and warhead design to maximize effectiveness and performance
- In-house static testing at sea level and simulated altitude

AN INDUSTRY LEADER

- Solid rocket motors
- Airbreathing propulsion systems
- Scalable composite robotic additive manufacturing

Attitude Control Motor for NASA



Aerothermal Testing

MISSIONS WE SUPPORT

- High-speed and hypersonic solutions
- Extended long range air-to-ground missiles
- Air and missile defense
- Space

Manufacturing

Engineering

Testing

Learn More

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