



# Allegany Ballistics Laboratory

The Allegany Ballistics Laboratory (ABL) in West Virginia is one of only a small number of facilities in the U.S. producing components for tactical missiles. ABL is a Navy-owned facility on long-term lease to Northrop Grumman for developing and manufacturing rocket motors and warheads for nearly every tactical missile program fielded by the U.S. military. Infrastructure across ABL's 1,577 acres has been built up incrementally over decades, primarily through investments from new programs. ABL is a national asset for the U.S. Defense Industrial Base with capabilities that include rocket motors and warheads, metals, munitions, composite structures, and fuze and electronic integration.

## Fast Facts

- ABL produces 50% of the Nation's tactical rocket motors
- 2.1M Sq. Ft. of manufacturing floor space
- 1,600 employees
- Largest defense contractor in WV
- 1,577 acre campus

## Deliveries in 2023

- 4,441 warheads
- 19,859 rocket motors
- 225,821 bomb fuzing systems
- 1,278,800 rounds of medium caliber ammunition

## An Industry Leader

- Tactical Propulsion
- Ordnance
- Fuzing & Warheads
- Propellants & Energetics

## Key Programs

- Guided Multiple Launch Rocket System (Army)
- Precision Strike Missile (Army)
- Tube-launched, Optically Tracked, Wireless-guided (TOW) 2 Weapon System (Army)
- Rolling Airframe Missile (RAM™) Block 2 (Navy)
- Hellfire (Army)
- AIM-9X@ SIDEWINDER™ (Air Force, Navy)
- PAC-3 Missile Segment Enhancement (Army)
- Joint Air-to-Ground Missile (Marine Corps, Army, Navy)
- Evolved SeaSparrow Missile (ESSM®) (Navy)
- Advanced Anti-Radiation Guided Missile Extended Range (AARGM + AARGM-ER) (Navy, Air Force)



Guided Multiple Launch Rocket System (GMLRS)

## Missions We Support

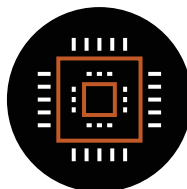
- Long-range precision fires
- Air-to-air missions
- Air-to-ground missions
- High-speed and hypersonic solutions
- General purpose and penetrating bombs
- Unmanned aerial systems
- Undersea applications



Energetics



Metals



Electronics



Composites

Northrop Grumman Proprietary Level 1

The appearance of U.S. Department of Defense (DoD) visual information does not imply or constitute DoD endorsement.

# Northrop Grumman Weapons Overview



Northrop Grumman designs, develops, builds and supports some of the world's most advanced defense products. We are committed to maximizing combat effectiveness for the warfighter today, while designing revolutionary new capabilities to meet the demands of the future. Whether it's missiles, munitions, armaments, or electronics, Northrop Grumman is an industry leader in weapons design, testing, integration, and manufacturing.



## Defining the Missile Systems of Tomorrow

From propulsion and components to integrated systems, we are an integral part of the industrial base. Our breadth of experience enables us to pioneer innovative solutions for the next generation of missile systems whether they be long range strike weapons, hypersonic systems, air-air missiles or affordable mass weapons.

## Bringing Precision and Advanced Effects to Munitions

Northrop Grumman manufactures a wide range of munitions and components for the U.S. military and its allies and partners. We are enhancing warfighter capability with precision guidance kits, guided proximity ammunition and flexible factories to handle surge production for the medium and large caliber market.



## Improving Lethality through Enhanced Armaments

Northrop Grumman's Bushmaster cannons arm combat vehicles and aircraft to meet the demands of multiple missions. Available in 25, 30 and 50mm sized cannons, the proven lethality of the Bushmaster gun makes it a preferred armament of the U.S. Army and many of our allies and partners.

## Building the Electronics that Enable New Capabilities

Northrop Grumman is an industry leader in electronics and mission systems. Our decades of experience in microelectronics, data links and weapons sensors allow us to create truly integrated solutions that are defining the art of the possible.

