



James Kalberer

*Vice President of Propulsion Systems
Northrop Grumman Space Systems*

James Kalberer is vice president of Northrop Grumman's Propulsion Systems business unit (BU) within Launch and Missile Defense Systems division.

In this role, Kalberer is responsible for key programs including the solid rocket booster for NASA's Space Launch System, Trident II (D5) and Minuteman III strategic missile product lines, Sentinel, the Ground-based Midcourse Defense program, hypersonics and commercial rocket motors and products including the Graphite Epoxy Motors (GEM) supporting Amazon Kuiper. Kalberer will also be responsible for the significant growth in both new programs and an increase in production rates that Propulsion Systems is experiencing and will guide the Propulsion 2030 facility modernization and expansion effort.

Most recently, Kalberer led the Missile Products business unit, an industry leader in the design and production of tactical and advanced propulsion systems, fuzes, warheads, propellants and controls for our nation's most important air, sea and land-based weapons systems. Missile Products is home to advanced missile interceptor capabilities for the SM-3 missile, hypersonic propulsion and testing, and upper stage motors and controls. The BU also specialized in advanced manufacturing technologies for a variety of programs supporting current and future U.S. industrial base needs in conventional munitions assemblies, solid rocket motor propulsion, electronics integration, and advanced composite materials and structures.

Prior to this role, Kalberer served as the vice president for Armament Systems business unit and the Guns Operating Unit where he oversaw the portfolio that designs and produces precision weapons and munitions, guided projectiles, the Bushmaster® family of Chain Guns®, medium and large caliber ammunition, and the integration of counter unmanned system defeat capabilities, and served as the portfolio director for advanced medium caliber ammunition, international co-production, and various medium and large caliber portfolio

James brings more than 25 years of aerospace and defense industry experience with a significant portion of his career spent in strategic planning, technology, business development and international business. He directly applies this experience to drive business success and develop high performing teams to ultimately deliver outstanding business results.

James earned a bachelor's degree in mechanical engineering from the University of North Dakota in Grand Forks, and a master's degree in business management from Friends University in Wichita, Kansas.

Northrop Grumman is a leading global aerospace and defense technology company. Our pioneering solutions equip our customers with the capabilities they need to connect and protect the world, and push the boundaries of human exploration across the universe. Driven by a shared purpose to solve our customers' toughest problems, our employees define possible every day.