



## TOM PIERONEK

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Vice President, Chief Technology Officer  
Research, Technology and Engineering  
Northrop Grumman Aerospace Systems

Tom Pieronek serves as vice president and chief technology officer in the Research, Technology and Engineering organization for Northrop Grumman Aerospace Systems, a premier provider of military aircraft, autonomous and space systems, and next-generation solutions to assist our customers worldwide, preserve freedom and advance human discovery.

In this role, Pieronek provides strategic counsel and management, fosters community relationships, and establishes research and development partnerships with customers, university partners, industry and the broader corporation, enabling technology to drive business objectives.

Previously, Pieronek served as vice president, Basic Research, where he was responsible for all aspects of basic research strategy, development and operations, resulting in fundamental scientific advancements in alignment with Aerospace Systems' core competencies. With a focus on university academia and industry research experts within and beyond the aerospace and defense industries, Pieronek oversaw the expansion of efforts that grew new and deeper collaborations with external researchers.

Pieronek has over 30 years of technical and programmatic experience in the aerospace industry. He has served as the director of Research and Technology for Aerospace Systems where he was responsible for integrating, growing and managing a portfolio of advanced technologies for both air and space applications. For more than half of his career, he has been closely associated with technology development and the United States science and technology community. His development experience runs from self-contained technologies (thin film amorphous silicon solar cells, flywheels, etc.) through major flight programs (Space Tracking and Surveillance System). His technical background is in electromagnetic environmental effects.

Pieronek holds a master's degree in engineering management from the University of Southern California (USC) and a bachelor's degree in electrical engineering from the University of Notre Dame. His continuing education in systems architecting included a year as a presidential fellow at the USC Leadership Institute. He also serves on the Dean's Council of Advisors for the Jacobs School of Engineering at the University of California San Diego, and is on the Steering Advisory Council with Purdue University's School of Aeronautics and Astronautics.

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