

2017 Ammunition Hall of Fame Inductee

ROBERT SCOTT



Mr. Robert W. Scott, Deputy Director, Quality Engineering and System Assurance (QESA) Directorate (retired) began his career at the U.S. Army Armament Research Development and Engineering Center, Picatinny Arsenal, New Jersey, in January of 1975 after graduating from Rutgers University, where he received his Bachelor of Science Degree in Mechanical Engineering. From the start of his civilian career, Mr. Scott has demonstrated the highest standards of leadership, technical competence and selfless service in support of numerous ammunition programs and in doing so was recognized by his superiors, subordinates and peers as having made significant, innovative and lasting contributions to the U.S. Army and Marine Corps ammunition mission over a professional career spanning 39 years of service.

From 1975 through 1986 Mr. Scott served in Engineering and Project Leader positions with increasing levels of responsibility for the quality, reliability and safety of artillery ammunition systems' design and manufacture. Early in his career he established himself as an individual committed to delivering the highest quality ammunition to the field by spending countless hours evaluating and troubleshooting new artillery projectile and fuze designs as well as evaluating production data and bringing innovation to manufacturing processes and inspection equipment for ammunition production programs. To his credit, Mr. Scott pioneered the application of Statistical Quality Control to improve the quality level of the eight-inch M509 projectile at Scranton Army Ammunition Plant; enhanced Warfighter safety through the development of automated, non-destructive inspection systems for application in the detection of cracks in artillery projectiles; conducted failure analysis for the Copperhead projectile in support of Program Manager - Cannon Artillery Weapon System; led an extensive four-month effort to evaluate and improve DPICM projectile quality at Mississippi Army Ammunition Plant; and conducted several design analysis to assure the safety and reliability of the M732 fuze, XM762 Fuze and XM915 projectile.

In 1987, Mr. Scott was promoted to Chief, Artillery Systems Branch, Indirect Fire and Experimentation Division, and in 1999, he was promoted to Chief of the Indirect Fire and Experimentation Division. In these positions, Mr. Scott's scope and responsibility increased significantly to include planning, development and execution of the quality mission in support of indirect fire ammunition and weapon systems. In these roles, Mr. Scott not only served as a design expert, but also served to establish policies and programs to assure the safety, quality and reliability for indirect fire ammunition and weapon systems in all stages of their lifecycles. As a manager, Mr. Scott directed the efforts of his team in support of the Modular Artillery Charge System, Sense and Destroy Armor Projectile, M795 HE Projectile, M864 DPICM, M913

Projectile, M915 Projectile, 60/81/120mm Mortars, M234 Self Destruct Fuze, M732A2, M762 Fuze, M767 Fuze and the Multi-Option Fuze for Artillery.

As the Deputy Director, Mr. Scott continued to serve the ammunition mission by providing senior-level safety, quality and reliability oversight and technical consultation to the design, development, production and sustainment of all ammunition product lines at ARDEC, including their launch platforms. He provided leadership and management to more than 500 employees and was responsible for the strategic planning, development and execution of the overall quality, reliability, system safety, radiation protection, and standardization functions for ARDEC ammunition and weapons programs. In executing these functions, he was responsible for the overall planning and administration of a budget. His knowledge of ammunition systems was always in high demand and was frequently brought to bear in support of the U.S. Army's Excalibur, guided-artillery, projectile program where he served as an Executive Member of the XM982 Excalibur Team. The success of the battle-proven, Excalibur program was directly influenced by the many hours Mr. Scott spent working with the Excalibur Project Office and prime contractor in developing joint Test Readiness Review (TRR) criteria for major Excalibur All Up Round Testing which made significant contribution to the first successful, fully integrated, end-to-end Excalibur system demonstration.

As a member of the Army Acquisition Corps, Mr. Scott maintained Level III certifications in both Quality, Manufacturing and Production, and Systems Engineering. He has been recognized with numerous awards including the AUSA Exceptional Service Award in Support of National Defense (1997); the Honorable Order of Saint Barbara's Artillery Award (2005); the Commander's Award for Civilian Service (2007); American Society for Quality – Quality Service Award (2012) and the Federal Executive Board Distinguished Federal Manager (2012).

As a highly regarded ARDEC Six Sigma Master Black Belt, Mr. Scott also championed for the implementation of Lean Six Sigma across ARDEC, PEO Ammunition/PMs, and several ammunition contractors, facilitating the deployment of leading-edge quality improvement and cost savings approaches to hundreds of technical, managerial and administrative personnel supporting ammunition programs. Through this effort, Mr. Scott not only demonstrated his commitment to ammunition systems, but has assured that current and future generations of ammunition technical, managerial and administrative personnel are well equipped to continue the development, production and sustainment of cost-efficient ammunition, meeting the highest standards of quality for our U.S. Army and Marine Corps Warfighters. Mr. Scott is inducted into the 2017 Ammunition Hall of Fame.