

***2014 Ammunition Hall of Fame Inductee***  
**COLONEL (RET.) KILBERT LOCKWOOD**



Colonel (Ret.) Kilbert Lockwood first began working with ammunition in the Office of the Assistant Secretary of the Army in Washington D.C. as the Special Assistant to Assistant Secretary of the Army in 1963 to 1967. In this position he was responsible for all Army missile, rocket and ammunition procurements. He prepared and assisted in negotiation of highly complex ammunition and missile research and development resulting in production contracts.

Over the course of his career he completed a long list of education and courses: United States Military Academy, Ranger, Airborne, Armor Officer Advanced Course, Ordnance Officer Advanced Course, Command and General Staff College, Industrial College of the Armed Forces and the Army War College.

As an Associate Professor of Engineering at the United States Military Academy from 1967 to 1970 COL Lockwood taught senior college level courses in differential equations, analog and digital computers, engineering materials, automotive engineering and systems engineering. He also supervised all elective courses in the engineering department.

From 1975-1976 he was assigned as commander of Picatinny Arsenal in Dover, New Jersey. As the chief executive of the 5000 person installation, he directed all aspects including personnel, financial management, installation planning, labor union relations, technical program management, planning and control. He oversaw the programs valued at over \$200 million per year; with a capital investment of over \$700 million. He was instrumental in formulating the establishment of the Program Manager (PM) Selected Ammunition, the first PM office in the US Army located at Picatinny Arsenal. He successfully led the organization to accomplish the following ammunition type classifications:

- 40mm M661 Cartridge, Green Star, Parachute
- 40mm M662 Cartridge, Red Star, Parachute
- 40mm M676 Cartridge, Yellow Smoke, Canopy
- 40mm M680 Cartridge, White Smoke, Canopy
- 40mm M682 Cartridge, Red Smoke, Canopy
- 40mm M714 Cartridge, Red Smoke, Ground Marker
- 40mm M715 Cartridge, Green Smoke, Ground Marker
- 40mm M716 Cartridge, Yellow Smoke, Ground Marker
- 90mm M764 Cartridge, TP-T
- 152mm M409A2 Cartridge, HEAT-T-MP
- 8-inch M188 Propelling Charge
- M431 Fuze, Rocket
- M439 Fuze, Rocket
- M63 Fuze Setter

155mm M483A1 Projectile, HE  
155mm M692 Projectile, HE  
155mm M731 Projectile, HE  
2.75-inch XM255 Warhead, Flechette

In Col. Lockwood's next assignment he served as the Project Manager, Selected Ammunition from 1970 to 1975. He was responsible for a large multi-item ammunition project with a value of approximately \$300 million per year. He was responsible for conceptual planning, research and development, procurement, production and financial management. Items included Improved Conventional Munitions and the mine program. He directed the fielding of M483 Projectile, M577 Fuze and two Scatterable Mine Projectiles. He was instrumental in development of Scatterable Mine doctrine. He was responsible for furnishing new and more capable munitions to forces in the Vietnam War.

In 1976, Col. Lockwood retired from the military and continued working with ammunition in the private sector. From 1976 to 1978, he developed an automated production line for M223 Fuze Program. He developed concepts to upgrade fuze production lines. These concepts were adopted by the US Army. He also developed new product lines in the environmental protection area.

From 1978 to 1980, he was the Director of a Technical Center and developed new research and development programs for approximately 30 new military and commercial products. He also developed new product opportunities in the environmental protection area.

From 1980 to 1986, he directed tank ammunition programs for a commercial company. He was responsible for a \$128 million technology transfer program of a major German family of ammunition. He guided the research and development program's growth to \$128 million in four years. He directed approximately 200 people and 17 major subcontractors. He was responsible for all phases of the program including R&D, production, product assurance, test and cost control. He directed the program through transition from R&D to production and the total program value was approximately \$750 million. Both the technology transfer and transition to production programs have been cited as examples of highly successful, well managed programs.

From 1988 to 1990, Col. Lockwood served as a President of a tactical systems division and was responsible for operations of a Radar Pedestal Manufacturing Group. As the Vice President for Systems he set up project organization to direct and control a 120mm production program. He also set up systems division organization to direct and control overall systems operations. From 1990 to 1996, Col. Lockwood transferred to a different company and managed the development program for the 120mm tank ammunition program.

Col. Lockwood received the following significant awards: American Defense Preparedness Association Knowles Award, the Picatinny Arsenal ADPA Firepower Award and the John Ulrich Project Manager's Award.