



Scotty Nowlin, DPhil, CSEP, Col, USAF (Ret.)
Chief Engineer

Intelligence & Security | Air Force Solutions | Strategic Systems

Dr. Nowlin holds engineering authority for a unit that provides the U.S. Air Force, U.S. Space Force, and other Department of Defense organizations and combatant commands with innovative solutions to help acquire, modernize, maintain, test, and cyber-harden intercontinental ballistic missile and space systems.

Scotty joined BAE Systems in December 2016 after serving 24 years as an Air Force developmental engineer, flight test engineer, Sustainment Center military director of engineering, and U.S. Air Force Academy (USAFA) Aeronautics Department Assistant Professor and Deputy Head.

Since joining BAE Systems, Scotty has served as the ICBM Integration Support Contract (ISC) Modeling, Simulation, and Analysis Lead and Systems Engineering and Integration Lead for the next-generation Ground Based Strategic Deterrent (GBSD) ICBM system. He now directly supports the USAF Minuteman III and GBSD Chief Engineers as they execute their OSS&E authorities over their respective weapon systems. He also enables the 700+ ISC employees to develop and apply Systems Engineering, Model Based Systems Engineering, and Digital Engineering, Acquisition, and Sustainment capabilities.

Dr. Nowlin earned a Bachelor of Science (Aeronautics—Distinguished Graduate) from USAFA, a Master of Science (Aerospace Engineering) from the University of Texas at Austin, and a Doctorate of Philosophy (Engineering Science) from Oriel College, Oxford University, UK. He is also an International Council on Systems Engineering (INCOSE) Certified Systems Engineering Professional (CSEP).