

2009 Engineer of Distinction



Charles Scott Bartlett

B.S. Mechanical Engineering, TTU, 1982
M.S. Mechanical Engineering, UT Space Institute, 1992

Chief Engineering Officer
Aerospace Testing Alliance

Citation

Charles Scott Bartlett was born in Florida and raised in Winchester, Tennessee. His parents instilled within him a fascination with science and how things work. He graduated from Franklin County High School in 1977. He received a Bachelor of Science in mechanical engineering from Tennessee Technological University in 1982. He earned membership in Pi Tau Sigma and Tau Beta Pi. Scott received the Master of Science degree in mechanical engineering from the University of Tennessee Space Institute in 1992.

At Pratt and Whitney Aircraft and Sverdrup Technology (Arnold Engineering Development Center or AEDC), Scott interned prior to accepting a full-time position with Pratt and Whitney engines group upon graduation. At Sverdrup Technology he worked in the aerospace ground test facility business, leading studies in development and application of new test techniques, diagnostics, and modeling. During this time he gained a national reputation in aircraft icing testing techniques. He was promoted to Branch Manager and Deputy Director in the Space and Missile testing and evaluation.

In 2004, Scott was named Test Operations Manager for Aerospace Testing Alliance (ATA) which is responsible for all of AEDC's testing assets. Utilizing his knowledge of the engineering process, Scott investigated and solved many difficulties concerning ground testing and its infrastructure. From 2005 until the present, he serves as the Chief Engineer and is responsible for technical advice to the ATA General Manager's office, ensuring technical excellence throughout the AEDC O&M contract execution.

Scott's accomplishments include the following: authored over 15 reports and papers relating to aerospace testing and facilities; chaired the Tennessee Sections of the American Institute of Aeronautics and Astronautics; chaired the National SAE technical subcommittee for aircraft icing; held membership on the AIAA Atmospheric Environment Technical Committee; and is a certified Maintenance and Reliability Professional. He received the 1994 American Defense Preparedness Association Contractor Tester of the Year.

He serves as a mentor for cooperative education and intern students within ATA and encourages high school and college students to pursue careers in science and engineering. He and his wife Ginger, live in Winchester, Tennessee.



2009 Award winners pose with Dean David Huddleston (right)
(l-r) Technologist of Distinction Jason Smith, Engineers of Distinction Tom Hudson and Scott Bartlett