

Kevin Bowcutt Bio

Dr. Kevin G. Bowcutt has 35 years of experience as a hypersonics expert. He is an AIAA Fellow, a Fellow of the Royal Aeronautical Society, and a member of the National Academy of Engineering. He holds BS, MS and PhD degrees in aerospace engineering from the University of Maryland. Dr. Bowcutt is an internationally recognized expert in hypersonic aerodynamics, propulsion integration, and vehicle design and optimization. Notable accomplishments include developing the viscous-optimized hypersonic waverider; flight testing scramjets by shooting them from a light gas gun; originating and optimizing the design of the X-51A scramjet-powered demo vehicle; and helping the Space Shuttle Columbia accident investigation by simulating wing aero-thermal-structural failure. In the spring semester of 2007 Dr. Bowcutt was a visiting professor at Princeton University's Mechanical and Aerospace Engineering Department where he taught a course in hypersonic aircraft design. Dr. Bowcutt leads Boeing's efforts to design advanced hypersonic missiles, airplanes and space-planes.