

Dan Meyer

Aerojet



Education – Undergraduate study in Mechanical Engineering, New Mexico State University, BS, MS, Cum Laude, Mechanical Engineering, Brigham Young University, Graduate Classes in Chemistry, California State University Sacramento

Experience - Mr. Meyer has 27 years of formal engineering experience in solid rocket motor technical development management, design, analysis, fabrication and test. He is currently the Chief Engineer on the Aerojet Atlas V SRB. He has previously worked on Peacekeeper, Small ICBM, Trident-II, Integrated Stage, ASAT and numerous tactical and sounding rocket motor programs. He has extensive experience in composite structure design, analysis and fabrication including motor cases on the Integrated Stage, Small ICBM Technology Demonstration, Trident-II, and Viper-V programs. He was responsible for the design and development of the large composite overwrapped liquid propellant tanks for the EELV program. Other areas of composites expertise include the design and analysis of composite bolted joints on the Integrated Stage and Viper-V programs, and the design of various tactical rocket motor nozzles. He has experience in the design and thermal analysis of internal and external insulation systems for solid rocket motors including the lightweight internal insulation system on the Peacekeeper Stage-II motor. He has extensive experience in solid rocket propellant formulation, processing and cast tool design on various solid rocket motor programs. Mr. Meyer was previously with Industrial Solid Propulsion Inc. from 1987 to 1996 where he was Vice President of Engineering and later Corporate President. In addition to his formal engineering experience, Mr. Meyer has ten years of informal rocket motor and propellant development experience which achieved it's greatest fame when he set his mother's carpet on fire while mixing nitroglycerine propellant when he was in high school. In his spare time Mr. Meyer has served as a pro-bono expert witness for the defense in trials involving young people who have run afoul of fireworks & explosives regulations while attempting to follow the same career path into solid propellant rocketry that was legal when he was young.