

Short Biography for Robert S. Bell

Mr. Bell has over 31 years of aerospace engineering experience and over 21 years of experience in various aspects of engineering management. Mr. Bell currently serves as the Chief Project Engineer and Deputy Director of Design and Development for Sierra Nevada Space Systems Dream Chaser Program. He is responsible leading the Concurrent Engineering Working group and is responsible for program integration of program engineering, manufacturing, business operations, and quality for the Dream Chaser program, as well as establishing standardized engineering processes for the program. He is currently an active member of the Space Propulsion Synergy Team (SPST).

Upon completing his degree in Mechanical Engineering from the University of Colorado, he completed the Naval Nuclear Power Plant Graduate School. He has maintained a discipline of continuing education through-out his career with class work at University of Colorado, West Coast University and University of Southern California. He has experience as a chief engineer for launch vehicles, Mission Assurance Director for Boeing, Integrated Product Team membership/leadership for a number of development programs (Delta Clipper (DC-X/DC-XA), Delta IV Booster, RS-68 development program to name a few); functional engineering management of large engineering organizations; and site management roles in Colorado Springs, CO and Maui, Hawaii. He has been active on a number of development programs in the aerospace industry and he has wrote and taught a number of technical courses in the fields of Cryogenics, Safety and Systems Engineering. He has held positions with Westinghouse Electric, Lockheed Martin, Ball Aerospace, McDonnell-Douglas Corporation and the Boeing Corporation during his career.

Mr. Bell has significant experience in the areas of technology process management based upon the positions he has held during his career. Examples include, while Chief Engineer for the SLC-2W launch complex at Vandenberg AFB, CA he developed an engineering tracking and modification processes that is still in use today. Additionally, as Director of Mission Assurance for the Ground-Based Missile Defense System he developed and maintained a series of processes for the Root Cause/Corrective Action, Undetermined Failure Analysis, and Responsible Engineer Training and Standards.

Mr. Bell was inducted into the International Space of Fame on August 17, 2013. This honor was bestowed to him based upon his work on the McDonnell Douglas Delta Clipper programs (DC-X/DC-XA) during the 1992 thru 1994. Additionally, he was awarded the status of Associate Fellow with the AIAA and asked to join the Liquid Propulsion Technical Committee for the AIAA.