

Dr. Robert Boyd

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Robert (Bob) Boyd is the Program Manager of Hybrid Airships for Lockheed Martin Aeronautics' Advanced Development Programs. He is responsible for leading all Hybrid Airship development and production activities including the LMH-1, 20 metric ton capacity commercial airship.

Dr. Boyd has a diverse background in the aerospace field with industry, government, and university experience over three decades. His experience includes low and high altitude airships, high speed concepts including missiles, aircraft and space launch systems, in-space architectures such as tethers, advanced unmanned aircraft and heavy transports.

He previously served as a senior engineer for Lockheed Martin Aeronautics' Advanced Development Programs (Skunk Works) on a variety of programs. Key developments include the current Hybrid Airship design, high altitude airship development, advanced hypersonic missile design, the "Bridge to Space" launch vehicle/tether system, and a number of advanced hypersonic flow component designs, receiving 5 patents across these diverse areas.

Outside Lockheed Martin Aeronautics, Dr. Boyd served as an Assistant Dean for Academics at the Ohio State University College of Engineering, Technical Fellow at NASA Glenn Research Laboratory, and co-founded two independent commercial businesses. His responsibilities included leading all aspect of business operations for a small business, bidding and executing contract work, supporting business plan and prospectus production, and shareholder interfacing.

Dr. Boyd holds a Phd and BS in Aerospace Engineering from The Ohio State University, has authored papers, has five patents granted and others pending, and is a graduate of the DAU Advanced Program Managers' Course. He is an Associate Fellow of the AIAA and serves on the Airship Technical Committee. He and his family reside in Valencia, California.