

Karl Hoose

Eglin 2018

Karl Hoose is the CEO/CTO of VALT Enterprises, a revolutionary company developing the VALT launch system, specifically to address the fast-growing launch demand and space access requirements of the emerging nanosatellite industry. Beginning with the National Aerospace Plane Program, Karl has over 30 years of experience with high-speed air-breathing (i.e. ramjet/scramjet) and rocket propulsion, high performance piston and combined cycle engines, and advanced vehicle systems. He was the Founder and President of Applied Thermal Sciences, Inc. an award winning, Maine-based research and development (R&D) engineering firm that earned a national reputation for developing cutting edge technologies, and has successfully transitioned concepts to commercial product. He has been awarded patents for his innovative technologies, including an innovative internal combustion engine and variable thrust rocket motor. Karl is a licensed professional engineer, and received his B.S. and M.S. degrees in mechanical engineering from the University of Maine. He has and continues to serve on several boards to facilitate the growth of an innovative STEM workforce.