

Biography Jeremy Sotzen

Jeremy Sotzen attended Embry-Riddle Aeronautical University as a Presidential Scholar and graduated with Honors with a degree in Aerospace Engineering with a concentration in Astronautics. Jeremy spent his years at Embry-Riddle designing micro-satellites, served as Project Manager of the University's first satellite, and founded Embry-Riddle's Satellite Development Group.

While at Boeing, Mr. Sotzen was a Test Engineer for the Ground Based Midcourse Defense Program and worked on the Interceptor missile. He was also a Design Engineer for NASA at Kennedy Space Center in Fluid Systems Design. His work included designing ground support systems for cryogenic, hypergolic, and pneumatic fluids and fuels. He served as a Lead Design Engineer for the gaseous Helium loading of the inter-stage Reaction Control System for Ares I. Jeremy also works for Zero-G Corporation as a Flight Coach on zero-gravity flights, logging over 100 parabolas.

Mr. Sotzen's research experience includes development and testing of Electrohydrodynamic (EHD) propulsion devices, hypersonic combines-cycle propulsion, and Martian entry descent and landing systems. In addition, he is a Technical Specialist for [4Frontiers Corporation](#), and has worked on the Generation II study of the Human Mars Settlement. This work included spearheading the design of a Martian spaceport and design of its entry, descent, and landing architecture.

Mr. Sotzen presented at the 2006 Space Generation Congress in Valencia, Spain on micro-satellite design. He also presented at the 2007 International Space Development Conference on Martian Entry Descent and Landing. Jeremy is a member of the American Institute of Aeronautics and Astronautics, National Space Society, and the International Association of Space Entrepreneurs.