



American Institute of Aeronautics and Astronautics Dayton-Cincinnati Section

Lunch 'n' Learn

“Lighter-Than-Air to Airships a Fresh Look”

Guest Speaker:

Mr. Robert Mitchell

Aeronautical Systems Center

Requirements and Capabilities Directorate

Friday, 23 March 2012



It has been 80 years since the end of the airship golden age. Having primarily been used for reconnaissance and passenger travel, the airship had been reduced to the role of airborne advertising billboard. However, in recent years there has been a renewed interest in airships and the energy efficiencies they can bring to both civilian and military applications. Mr. Mitchell will be discussing the basics of airship design, a historical perspective on airship employment, current planned airship developments as well as future ISR and mass cargo lift concepts.

Mr. Robert Mitchell attended the University of Dayton where he obtained his Bachelors of Science in Mechanical Engineering with a Concentration in Aerospace Engineering. He then attended the Georgia Institute of Technology where he received his Masters of Science in Aerospace Engineering, specializing in the areas of aircraft design and advanced design methods. Currently he works in the Requirements and Capabilities Integration Directorate of the Aeronautical Systems Center in the United States Air Force, at Wright Patterson Air Force Base. He has been working as an aircraft designer focusing on lighter than air and hybrid airship design and analysis. He has developed design methodologies for airships and has written several papers and been involved with several conferences on airships. He is currently the subject matter expert for airship design in the Aeronautical Systems Center.

Time

11:45 AM

Location

China Garden Buffet

112 Woodman Dr.

Dayton, OH 45431

Lunch

You will be able to
purchase the buffet

