



American Institute of
Aeronautics and Astronautics
Dayton-Cincinnati Section

Lunch 'n' Learn

**"Space Launch-28 Years of
Studies"**

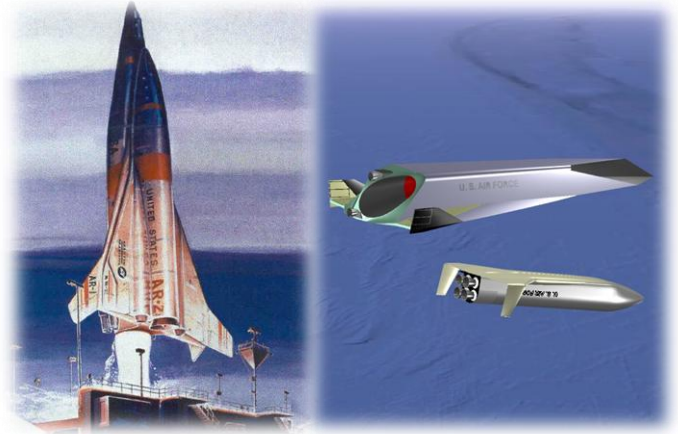
Guest Speaker:

Mr. John Livingston

Aeronautical Systems Center

Engineering Design and Analysis Division

Friday, 19 August 2011



John Livingston, of the Engineering Design and Analysis Division in the Requirements and Capabilities Integration Directorate at the Aeronautical Systems Center (ASC/XRE), will give a talk titled, "Space Launch-28 Years of Studies". He has been involved with Air Force hypersonic and space access systems planning for over 40 years. His work has greatly influenced the nation's hypersonic and space access decisions. He will review several years of interesting work that he personally participated in leading to the recent U.S. Air Force decision to opt for a next generation Reusable Booster System (RBS). The RBS plan is in development to replace the Air Force's Existing Evolved Expendable Launch Vehicles (EELV). This engaging and somewhat humorous "personal journey" will clearly show how good systems engineering and planning within the Air Force can avoid "false starts" and missteps, save immeasurable taxpayer funds and minimize development time which avoids obsolescence in our fast paced, technologically changing world.

Mr. John W Livingston is senior design engineer for ASC/XRE. He Conducts early systems engineering on advanced concepts and provides technical leadership and mentoring for design engineers within his organization. He has over 40 years experience in all types of air-vehicle and weapons design from low speed UAVs to hypersonic access to space vehicles. John has lead and conducted numerous studies on access to space alternatives and as authored numerous papers and presentations on the subject. He has received post graduate training in system engineering from the Air Force Institute of Technology, AFIT and Ohio State University, and is a current member of the International Council on Systems Engineering (*INCISE*). John received his Bachelors degree in 1973 from the University of Cincinnati where he currently teaches a senior capstone aircraft design class as an adjunct professor.

Time

11:45 AM

Location

China Garden Buffet
112 Woodman Dr.
Dayton, OH 45431

Lunch

You will be able to
purchase the buffet

