



American Institute of
Aeronautics and Astronautics
Dayton-Cincinnati Section

Lunch 'n' Learn

X-60 Program

Guest Speakers:

**Mr. Barry Hellman
& Capt Travis Odom**

Thursday 20 Dec 2018, 11:45 AM



Abstract: The X-60A is an air-dropped liquid rocket, specifically designed for hypersonic flight research to mature technologies including scramjet propulsion, high temperature materials and autonomous control. AFRL's motivation for the X-60A program is to increase the frequency of flight testing while lowering the cost of maturing hypersonic technologies in relevant flight conditions. While hypersonic ground test facilities are vital in technology development, those technologies must also be tested with actual hypersonic flight conditions. Utilizing new space commercial development, licensing, and operations practices, X-60A is envisioned to provide the Air Force, other U.S. Government agencies, and industry with a platform to more rapidly mature technologies. This is the first Air Force Small Business Innovative Research program to receive an experimental "X" designation.

Biographies: Barry Hellman has worked for the Air Force for 15 years specializing in high speed vehicle conceptual design, tool development, and high speed experimental vehicle program management. He has a B.S. and M.S. in Aerospace Engineering from Georgia Tech. He is a former chair of AIAA's RLV Program Committee and is a former vice chair of AIAA's Space Logistics Technical Committee. He is currently the Program Manager for the X-60A program.

Capt Travis Odom is a distinguished graduate of Louisiana State University with a BS in Mechanical Engineering. Capt Odom's previous assignment was as an A-10 Structural Engineer at Hill AFB working sustainment at the System Program Office where he developed repairs and processes to be used in the field and at the depot. Captain Odom also deployed as a Depot Liaison Engineer to Qatar working for the 379th Expeditionary Maintenance Group for 7 months, gaining experience developing repairs for the B-52s, C-130s, KC-135s, RC-135s, E-8s, and P-3s. Currently, Capt Odom is the Deputy Program manager for the X-60A program working in the Air Force Research Labs at Wright-Patterson AFB.

Location

China Garden Buffet

Airway Center

112 Woodman Drive

Dayton OH 45432

Lunch

You will be able to purchase the all-you-can-eat Asian buffet.

