



Webinar, Tuesday July 18th, 7:00 PM EDT

Brent Cobleigh

The X-66A Sustainable Flight Demonstrator



Please join us this month when Brent Cobleigh, Sustainable Flight Demonstrator (SFD) Project Manager at NASA Armstrong, will discuss the latest U.S. X-plane, NASA's X-66A. The Sustainable Flight Demonstrator is a full-scale, transonic truss-braced wing aircraft in development by Boeing for flight tests later in the decade. Based on a highly modified MD-90 fuselage, The SFD's very high aspect ratio wing combined with other technologies such as advancements in propulsion systems and materials could reduce fuel burn and the resulting carbon emissions by up to 30% as compared to current aircraft.

Over his 33-year NASA career Brent Cobleigh has worked a wide variety of flight research projects supporting NASA's aeronautics, science, and exploration goals. He was project manager of the Ikhana Unmanned Aircraft System that demonstrated 20-hour wildfire mapping missions over the Western United States, and the SOFIA airborne observatory that flew hundreds of infrared astronomy missions in a highly modified 747SP. He also served in engineering roles on more than 10 research aircraft and spacecraft projects including the X-29, X-31, F-16XL Supersonic Laminar Flow, SR-71 Linear Aerospike, X-33, Autonomous Formation Flight, and X-37. He has a B.S. in Aerospace Engineering from California State Polytechnic University, Pomona and an M.S. in Aeronautical Engineering from the George Washington University. Brent is a member of the AIAA Flight Test Technical Committee.

Pre-registration is required. Use this link <https://tinyurl.com/522u9cxc> to register and receive your invitation to attend on the 18th.