

The Aerospace & Defense Forum



Facilitating Business Communication, Collaboration, & Commerce

“The X-59 – Pioneering Quiet Supersonic Flight”

Presenter:

David C. Richardson
X-59 Program Director
Lockheed Martin Aeronautics Company

Santa Clarita Valley Chapter Meeting

Tuesday, May 16, 2023

In-Person Meeting: Networking & Breakfast: 7:15-7:45am
Meeting: 7:45-9:00am Pacific Time

[Click here to register](#)

Both members and non-members must register to attend.

Registration for the meeting will close 24 hours before the event to give time to send parking passes.

In-Person Registration Fees

Free - A&D Forum member &
Corporate Members

\$35 - Non-member (until May 9)

\$45 - Non-member (after May 9)



“The X-59 – Pioneering Quiet
Supersonic Flight”

You will receive multiple invitations, regardless of whether you have already registered. Please do not register more than once!

Please register as an A&D Forum member ONLY if you have a currently active membership. Claimed memberships will be verified before the meeting and erroneous registrations will be cancelled.

To Attend

NOTE: You MUST RSVP to receive a parking pass which is required for parking. Registration will close 24 hours before the meeting (i.e., at 7:15am, May 15) to give enough time to get attendees the parking passes. [Click here](#) for a map with directions and Lot 14 parking location.

The meeting room is at:

Dr. Dianne G. Van Hook University Center
UCEN Room 258
College of the Canyons
26455 Rockwell Canyon Road
Valencia, CA 91355

2023 Santa Clarita Valley Chapter Sponsor



SANTA CLARITA VALLEY
ECONOMIC DEVELOPMENT CORPORATION

Presenter:

David C. Richardson
X-59 Program Director
Lockheed Martin Aeronautics Company

The return of supersonic passenger air travel will soon be one step closer to reality. The X-59 is part of NASA's Low Boom Flight Demonstration mission and will demonstrate aircraft that can fly at supersonic speeds with a greatly reduced sonic signature - a soft thump rather than the disruptive boom currently associated with current supersonic flight. This is the next logical step in our path to enabling the industry's decision to open supersonic travel for the flying public.

David Richardson, X-59 Program Director, will take us through the concept and the test program. He will discuss the challenges and how the Lockheed Martin Skunk Works® has met them.

Of interest to ADF members and guests will be the unique design features of the configuration and the pilot interface. Mr. Richardson will also tell us about the challenges of finding suppliers for one of a kind aircraft.

Presenter



David (Dave) Richardson is the Program Director leading the Lockheed Martin engineering, production and flight test team of the X-59 Low-Boom Flight Demonstrator Program.

Originally from Reno, NV, Mr. Richardson grew up flying as the son of a bush pilot and

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The Aerospace & Defense Forum

is a global aerospace and defense leadership 9-chapter community of over 2400, providing opportunities for sharing of information, current events, and analysis, mutual support and encouragement, partnering, innovation, and performance breakthroughs.

AerospaceDefenseForum.org

joined Lockheed Martin's Advanced Development Programs (Skunk Works®) over 31 years ago as a conceptual designer in Burbank, CA. His career has spanned responsibilities as design lead, air vehicle lead, chief engineer, project manager, technology portfolio director and program director. Over his career, Mr. Richardson has worked fighter, transport, patrol, and bomber programs, as well as rotary wing, lighter-than-air and unmanned systems.

Mr. Richardson holds a master's degree in Mechanical Engineering from Brigham Young University and speaks French and Tahitian. He and his wife, Debra, live in Lancaster, CA and have four, adult children and seven grandchildren. Aside from his passion for airplanes, his interests include photography, astrophotography, backpacking, fishing and home improvement.

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