



American Institute of Aeronautics and Astronautics

St. Louis Section

Tuesday, April 13, 2021

Virtual Zoom Meeting

Meeting login information will be distributed via email

The Evolution of Stealth Technology

Presented by Mike Harrison, Mechanical/Structural Engineer at Boeing



Stealth technology as we know it, evolved in a shroud of secrecy from a need to sneak past the enemies defenses in the early 1950s to today's requirements to.... well, still sneak past the enemies defenses! Stealth has become more than just radar cross-section reduction. But the history of how stealth evolved requires looking past what the politicians, industry leaders and trade journals claim, pronounce and speculate. This is a look at the people, companies, airplanes, and defenses that shaped this

journey. The open source material for this study is available, if you know where to look and how to navigate it.

Mike Harrison started his career in the aerospace industry as a Project Tool Engineer at Lockheed-GA in the mid-1970s. He evolved as a Robotics Engineer in the early 1980s, and later became a BR&T Producibility Engineer in the world of Stealth in 1986. After leaving Lockheed-GA in 1989, he worked at Phillips Petroleum in Oklahoma on composites producibility, and subsequently Lockheed Missiles and Space in Huntsville in the areas of missile defense, wind tunnel model design, and neutral buoyancy hardware design. He joined Boeing in 1998, where he has worked in the Design Center on the design of satellites, both manned and unmanned spacecraft, commercial aircraft, military aircraft and missile defense projects. Aircraft, and especially military aircraft has always been his passion.

Schedule

6:00 – 7:00 CT Presentation
7:00 – 7:30 CT Additional questions or follow-on conversations

Menu

None – all virtual due to COVID-19

Ticket Price

Free

Please RSVP by completing our Jotform

<https://form.jotform.com/210876877916170>

Contact [John Schaefer](#) for questions

