



Mr. Steven Donaldson

Naval Air Warfare Center Aircraft Division
Director, Air Vehicle Engineering Department
Senior Scientific Technical Manager (SSTM)

Mr. Donaldson (B.S. '87) currently serves as the Director of the Air Vehicle Engineering Department within the Air System Group at the Naval Air Warfare Center, Aircraft Division (NAWCAD). This department is comprised of over 450 personnel responsible for delivering air vehicle engineering products and services for acquisition and sustainment engineering activities for Naval Aviation. He is responsible for the planning, direction, and execution of the Research, and Engineering efforts related to the development and sustainment of Naval Aviation assets across the technical disciplines within the department including Aeromechanics, Structures, Materials, and Aircraft Subsystems engineering.

Mr. Donaldson currently serves on the Board of Directors for the Department of Defense (DoD) High Performance Computing Modernization Program Computer Research and Engineering Acquisition Tools and Environments (CREATE) Air Vehicles Project whose charter is to develop and deploy computational engineering tools that address the needs of the air vehicle acquisition programs across the DoD.

Mr. Donaldson serves on the Project Lead the Way Program Advisory Council for the Calvert County Maryland Public Schools advising and assisting with educational curriculum, advising students, faculty, county and state-level administrators, and providing educational opportunities to program participants. With a similar function, Mr. Donaldson serves on the University of Maryland Aerospace Engineering Department's Board of Visitors.

From August 2007- March 2020, Mr. Donaldson served as the Head of the Aeromechanics Engineering Division within the Aircraft and Unmanned Aerial Vehicle Department at the Naval Air Systems Command. This national engineering division is comprised of approximately 160 personnel responsible for delivering aeromechanical engineering products and services for acquisition and sustainment engineering activities for Naval Aviation. He served as the principal NAVAIR spokesman and authority for air vehicle aeromechanics engineering matters and technology. His responsibilities included the planning, direction, and execution of the Research, and Engineering efforts related to the development and sustainment of Naval Aviation assets across the technical disciplines within the division including Applied Aerodynamics, Stability & Control, Aircraft Performance, Flight Controls, Store Separation, and Flight Vehicle Modeling and Simulation.

Mr. Donaldson holds a Bachelor of Science degree in Aerospace Engineering from the University MD and has over 35 years of service with the Department of the Navy including serving as an aerospace engineer within the Product Integrity and the Aeromechanics Engineering Divisions within the Naval Air Systems Command.