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## **Thomas G. Rudowsky**



### **Director Aircraft and Unmanned Aerial Vehicle Department Naval Air Systems Command**



Mr. Rudowsky currently serves as the Director of the Aircraft and Unmanned Aerial Vehicle (AUAV) Department. This national organization is comprised of 940 government and 120 contract support personnel responsible for delivering over \$150M worth of organic engineering products and services annually. He serves as senior civilian responsible for all acquisition and in-service engineering related to air vehicle systems engineering, aeromechanics, structure, materials, and subsystems for Naval Aviation. He is the principal NAVAIR and DoN spokesman/authority for air vehicle engineering matters and technology.

Mr. Rudowsky was appointed to the Senior Executive Service in January, 2010. At the time of his appointment, he had over 21 years of service.

With his appointment to the SES, Mr. Rudowsky was named Director of the Battlespace Simulation Department (AIR-5.4) at the Naval Air Systems Command, Patuxent River, Md. As the Director, he led a team of approximately 725 personnel across the nation. He was responsible for the planning, direction, and execution of the Naval Air Systems Command Installed System Test Facilities to support test and evaluation of aircraft avionics and weapon systems which included platform level ground testing as well as modeling and simulation in a battlespace environment.

Mr. Rudowsky was selected in May 2009 to serve as Senior Advisor to the Research and Engineering Group leadership. Responsibilities included coordination of a comprehensive assessment of the Joint Strike Fighter program technical risks and overall workforce strategic planning activities within the Research and Engineering Group.

In May, 2007, Mr. Rudowsky was selected as the Deputy Director for the AUAV Engineering Department. His responsibilities included the leadership and support of strategic initiatives, strategic planning, competency policy development and implementation, fiscal management, personnel management and technical advisor. While serving in this position, Mr. Rudowsky was a key member in the development of a strategic framework that better aligned customer demand to the workforce. This framework provided improved visibility of the products and services being delivered, methodology for quantifying individual empowerment, and the assessment of workforce capacity and individual development requirements.

In April, 2005, Mr. Rudowsky was selected as the head of the Aeromechanics Division within the AUAV Department. The division was responsible for supporting over 80 programs and projects representing the full spectrum of research, development, test and evaluation, and sustainment of air systems.

From November 1999 through April 2005 Mr. Rudowsky served as the head of the Flight Vehicle Performance Branch and was responsible for the Command's official assessment and reporting of aircraft performance characteristics, validation of the performance data contained in fleet mission planning products, and ensured overall airworthiness measures were met.

In October, 1997, he was assigned to the AUAV Department to lead the development of fleet mission planning products and advanced algorithms associated with aircraft performance prediction and assessment. This included serving as Aircraft Energy Conservation program manager. In July, 1996, he was assigned to lead the Joint Strike Fighter Air Vehicle System Integration Sub-Team responsible for the performance-based specification development strategy for the program.

Mr. Rudowsky began his federal government career in 1988 as a flight test engineer at the Naval Air Test Center, Patuxent River, Md specializing in aerodynamics and performance testing where he was responsible for executing complex flight test programs involving prediction, testing, modeling, and analysis of advanced and/or unique experimental prototype, pre-production, and production aircraft.

Mr. Rudowsky has received numerous Command level recognitions including recipient of the Naval Air Systems Command T. Michael Fish Award in 2009 for Work Life Quality, Naval Air Warfare Center Aircraft Division Test Engineer of the Year in 1992 and the Engineer and Scientist's John E. Burdette Memorial Award for Outstanding Project Engineer also in 1992. In 2001 he was selected as a NAVAIR Senior Engineer (Associate Fellow) and is the recipient of the Department of Defense Exceptional Civilian Service Award.

Mr. Rudowsky is a graduate of the Pennsylvania State University earning both a bachelor's and master's degree in aerospace engineering and is a Graduate of the United States Naval Test Pilot School, Class 99. Additionally, he is a graduate of the Naval Air Systems Command Senior Executive Management Development Program and a Member of the Acquisition Professional Community.