

## Prof. George Donohue, Ph.D. Bio

**Prof. George L. Donohue** was granted the status of Professor Emeritus in December 2010 and has been a Professor of Systems Engineering and Operations Research at George Mason University since 2000. He has an MS and Ph.D. in Mechanical and Aerospace Engineering from Oklahoma State University (1968, 1972) and a BSME from the University of Houston (1967). From 1994 to 1998, he was the Associate Administrator for Research and Acquisitions at the FAA and is the founding Director of the Center for Air Transportation Systems Research in the Volgenau School of Engineering. Donohue is a former Vice President of the RAND Corporation and Director of PROJECT AIR FORCE (1989-1994); previously he was the Director of the Aerospace and Strategic Technology Office (DARPA) (1988-1989), a Vice President of Dynamics Technology (1979-1984). He served as Head of the Advanced Technology Division (1977-1979) and Head of the Fluid Mechanics Branch (1973-1976) at the U.S. Naval Ocean System Center in San Diego California. In the interim, he served as a Program Manger in the Tactical Technology Office, ARPA (1976-1977).

He has been awarded an NRC Post-Doctoral Fellowship with the U.S. Navy (1973-74), the Secretary of Defense Meritorious Civilian Service Medal (1977), the Air Traffic Control Association Clifford Burton Memorial Award (1998), and the Embry Riddle Aeronautical University Pinnacle Award for initiating the Alaska Capstone ADS-B Program (2007). He was named one of **Federal Computer Week's** top 100 Executives in 1997, and was also named one of the top 100 decision makers in Washington, D.C. by the **National Journal** in 1997. In the same year, Dr. Donohue was nominated for Senate confirmation by President Clinton to be the Deputy Administrator of the FAA and was chosen to head the United States Delegation to the ICAO Conference on Air Traffic Management Modernization in Rio de Janeiro, Brazil in 1998 (afterward, he withdrew his nomination in order to pursue an academic career). He is a member of Tau Beta Pi, Pi Tau Sigma, Omicron Delta Kappa and Sigma Xi honorary societies. He is a Fellow of the American Institute of Aeronautics and Astronautics and a licensed private pilot with a single engine land rating. In addition to over 60 published unclassified papers, he has been the principle author of two books on air transportation. The most recent book is titled "**Terminal Chaos: Why U.S. Air Travel is Broken and How to Fix It**". Donohue is currently teaching an undergraduate capstone design course and advising doctoral students; he is a co-author of a new National Academy evaluation of the FAA NextGEN air traffic management system and is conducting research on water quality improvements to the West and Rhode rivers, two sub-estuaries of the Chesapeake Bay. He is a member of the Board of Directors of the West and Rhode River Keepers organization. He was Commodore of the Chesapeake Yacht Club (CYC) in 2009 and is still an active sailor. His other current hobbies are flying, motorcycle riding, skiing, sporting clays shooting and golf. He has a wife, Andreana and four married daughters.

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