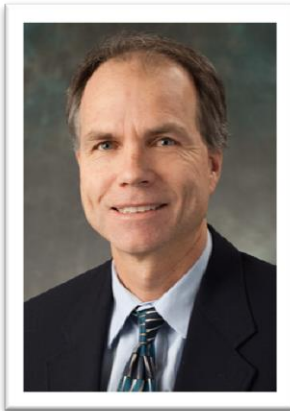


Dr. Brian E. Wake **Fellow, Advanced Aerodynamic and Aeroelastic Modeling**



Biographical Profile

Brian Wake, Ph.D., is Fellow and Project Leader (Sikorsky Program Office), United Technologies Research Center (UTRC). As such, Wake develops capabilities and directs projects in advanced aerodynamic and aeroelastic modeling for rotorcraft; leads projects related to active rotor control and flow control technologies; and develops capabilities and leads projects related to improved efficiency and reduced drag for high-speed rotorcraft.

Wake's professional awards and honors include American Institute of Aeronautics and Astronautics (AIAA) Associate Fellow, 2012; Collier Trophy Team Contributor (2010) for Sikorsky's X2 Technology

Demonstrator; NASA Team Award, *Experimental Replication of an Aeroengine Combustion Instability*, 2003; and several UTRC Outstanding Achievement Awards.

Additionally, Wake is a Gold Circle member, American Helicopter Society, (AHS); and member of the American Society of Mechanical Engineers.

Wake holds 16 patents in the areas of aerodynamics, and acoustics and active control, and has been published in numerous journals and technical conference publications. He holds an undergraduate degree in engineering science from the University of California, San Diego, California, and M.S and Ph.D. degrees in aerospace engineering from the Georgia Institute of Technology, Atlanta, Georgia.