



Wayne Johnson

Aerospace Engineer
NASA Ames Research Center

Wayne Johnson obtained SB and SM degrees in aeronautical engineering in 1968 and Doctor of Science degree in 1970 from the Massachusetts Institute of Technology.

He worked at the U.S. Army Aeromechanics Laboratory from 1970 to 1981, assigned to the 40-by 80-Foot Wind Tunnel branch of Ames Research Center. He was with NASA from 1981 to 1986, including a couple years as Assistant Branch Chief. In 1986, Dr. Johnson founded Johnson Aeronautics, and from 1986 to 1998 developed rotorcraft software. Since 1998 he has worked at the Aeromechanics Branch of NASA Ames Research Center.

Dr. Johnson is author of the comprehensive analysis CAMRADII and the rotorcraft design code NDARC; and the books "Helicopter Theory" (1980 Princeton University Press, 1994 Dover Publications) and "Rotorcraft Aeromechanics" (2013 Cambridge University Press).

He is a Fellow of AIAA and AHS, and an Ames Fellow, and has received the U.S. Army Commander's Award for Civilian Service, NASA Medals for Exceptional Engineering Achievement and Exceptional Technology Achievement, the AHS Grover E. Bell Award, the Ames H. Julian Allen Award, the AIAA Pendray Aerospace Literature Award, the 2010 AHS Alexander Nikolsky Honorary Lectureship, and the 2014 Alexander Klemin Award of the American Helicopter Society.