

Dr Andreas Bernhard: Biography



Dr Andreas Bernhard is the Director of Aircraft Design at Sikorsky, a Lockheed Martin Corporation Company. In this capacity he is responsible for all technical aspects related to the design of blades, rotors, transmissions, airframes, propulsion systems, landing gear and miscellaneous subsystems (rescue hoists, weapon mounts), across all development, in-production and out-of-production platforms. Previous assignments were Chief Engineer for the CH-53K KING STALLION and S-97™ RAIDER. Dr Bernhard graduated from the WITS in 92 (B.Sc. Aeronautical Engineering) and in 2000 from the University of Maryland with a Ph.D. (Aerospace Engineering). His research was on smart rotor technology including hover testing of blades with active tips, active twist and trailing edge flaps. He holds 5 patents, has authored 12 peer reviewed Journal Articles and over 20 Conference papers. He has also won numerous awards including most recently the Lockheed Martin Nova award (2016) and the American Helicopter Society Grover Bell Award (2016).