

**Mark Davis**, Sikorsky Aircraft Corporation, has 33 years of experience in leading multi-disciplinary teams to achieve advanced rotorcraft R&D objectives. Prior to joining Sikorsky in 2004, Mark worked 22 years at United Technologies Research Center, where prior to his transfer he had responsibility for all UTRC rotorcraft R&D programs conducted in support of Sikorsky. Since joining Sikorsky, Mark has been the Tech Lead Engineer responsible for Aircraft Health Management R&D. Mark was also Chief of the Sikorsky HUMS Group from 2004-2007. Mark was recently named Sikorsky's Tech Fellow for Prognostics & Health Management and is currently the Chief Engineer for three CR&D programs: 1) SAC-AATD Capability-Based Operations Sustainment Technology – Aviation (COST-A) , 2) ONR/NAVAIR Integrated Hybrid Structural Management System (IHSMS), and 3) FAA Structural Usage-Based Maintenance.