

## **James P Cycon**

James Cycon is Director of Aircraft Health Management Systems and General Manager of Impact Technologies, a small engineering company purchased by Sikorsky Aircraft in 2011 that specializes in the development of Prognostics and Health Management technologies. As Director Aircraft Health Management Systems, Jim is responsible for developing, integrating and transitioning advanced diagnostics/prognostics technologies into both production and development helicopters. Jim's organization is also responsible for supporting and maturing fielded health management systems on military and commercial products. As General Manager of Impact Technologies, Jim is responsible for growing Sikorsky's PHM capabilities and the value proposition of incorporating aircraft health management technology.

Prior to his present position Jim was a two term Sikorsky Technical Fellow for Prognostics and Health Management. In this role he was responsible for expanding Sikorsky's technical expertise in the area of Aircraft Health Management and Condition Based Maintenance. For the 14 years prior to Jim's involvement in aircraft health management Jim was responsible for Sikorsky's unmanned aircraft activities which included the design, fabrication, flight testing and demonstration of a new disk shaped vehicle called Cypher .

Jim has over 37 years of helicopter experience at Sikorsky Aircraft, holds a BS and MS from the University of Notre Dame and a MBA from the University of New Haven. Jim has 20 patents, 25 publications, is a two time winner of Sikorsky's Al Albert Leadership award, a winner of the American Helicopter Society's Paul E. Haueter Award for significant contributions to the development of non-helicopter VTOL aircraft and a two time winner of AHS's Harry T. Jensen Award for an outstanding contribution to the improvement of vertical flight aircraft reliability, maintainability, and/or safety..