

## **Vita**

James C. Newman, III was born in Newport News, Virginia on August 20, 1968. He graduated from Menchville High School in 1986. He then entered Old Dominion University where he received a Bachelor of Science degree in Mechanical Engineering in 1992. He thereafter began graduate studies in Aerospace Engineering at the same academic institution which culminated in the receipt of a Master of Science degree in 1993. Currently he is pursuing doctoral studies in Mechanical Engineering at Virginia Polytechnic Institute and State University, and is located at the Virginia Consortium of Engineering and Sciences (VCES) in Hampton, Virginia. Financial support for these studies has been provided by NASA through NASA's Graduate Student Researchers Program (GSRP). This GSRP fellowship was awarded from NASA Headquarters, and all research has been conducted at the Langley Research Center in Hampton, Virginia.

Mr. Newman holds membership in the academic honor societies of Tau Beta Pi and Pi Tau Sigma. He is author and co-author of eleven technical publications including those of references 13, 45, 49, 50, 78, 79, and 166.