

Short Listing:

Dr. Carney is a practicing metallurgist and professional engineer with over 28 years of experience in failure analysis and accident investigation for the United States Navy. He accepts cases from a wide variety of fields and is particularly skilled at analyzing transportation (esp. aviation), mechanical and industrial incidents. Over the years he has conducted over 700 failure analyses and consulted in hundreds more--many with national or international implications. Resolved cases have consisted of a broad range of mechanical devices and events including aviation structure, mechanical system, and turbine engine failures. Feel free to inquire about our capabilities and expertise at (904)-233-3660

Long Listing

Dr. Carney has worked as a materials engineer (polymers & metals specialties) for a major military aircraft overhaul facility in Northeast Florida for the past 28+ years. In this capacity he has risen to the level of senior engineer and technical supervisor over 11 other engineers and technicians. Over his career he has performed hundreds of failure analyses and accident investigations dealing with a wide spectrum of exotic materials and manufacturing processes. Cases have ranged from evaluating simple fasteners to analyzing incidents involving multi-million dollar airframe or engine losses.

In the regular course of business, Dr. Carney has worked on a multitude of national and international engineering problems, incidents and accidents in support of U. S. Navy, Air Force, Marine and Army aviation programs. In defending the interests of the United States Government, he has worked with--and at times vigorously debated--industrial giants such as Boeing, Lockheed, General Electric, Pratt & Whitney and Rolls-Royce Aircraft Engines. As such he has earned a well-deserved reputation for clear reasoning, trustworthy advice and effective results.

Southeastern Metallurgy was established to meet the technical needs of the legal, industrial and manufacturing communities which seldom have ready access to experienced materials engineering talent. While the roots of the firm lie in aviation, mechanical systems and industrial metallurgy, neither our expertise or focus is limited to these fields. Recent cases have included failures involving auto, truck and industrial machinery. The firm wishes to continue broadening its expertise and the industries it serves.

Dr. Carney and any necessary support personnel will provide a no-expense consultation to evaluate your requirements and determine a possible solution. We strive to make the resolution of your technical problems as easy as possible. Please visit our web site for more information or call at (904)-233-3660 for a prompt discussion of your needs.