

Barry A. Bennett, P.E.

President



Biographical Sketch

Mr. Barry Bennett is the President of Metals and Materials Engineers. His broad areas of expertise include non-destructive testing, welding engineering, metallurgy, structural materials testing, and vehicle testing. Prior to founding MME, Mr. Bennett served as the Director of Materials Engineering at Qore Inc. /Atlanta Testing and Engineering. Mr. Bennett holds a Master of Science Degree from Brunel, The University of West London in Materials Engineering. Mr. Bennett has extensive trial testimony experience and is among the nations foremost experts in the area of emergency vehicle testing and certification. Mr. Bennett has extensive experience in the aerospace industry, with particular emphasis on non-destructive testing and evaluation. He has provided expertise to investigative agencies involving catastrophic failure investigations.

Education

Brunel, University of West London, UK

Master of Science, Nondestructive Testing of Materials and Quality Control

Thesis: *“Relative Attenuation Property of Shielding Materials”*

University of the West Indies

Bachelor of Science, Materials Sciences

Experience And Expertise

Mr. Bennett has more than 19 years of experience in the following technical disciplines:

- Non-Destructive Testing of Materials
- Technical Litigation Support
- Maintenance and Certification of Automotive and Aerospace Systems
- Failure Analysis
- Evaluation of Aerospace Systems and Components

Representative Projects

Epps Aviation (1989-1995): Provided extensive metallurgical and non-destructive testing expertise to a regional FBO. Services included comprehensive structural evaluations to comply with airworthiness directives, development of specific non-destructive testing procedures and training of personnel.

Garrett Aviation (A GE Company) (1989-Pres.): Provided non-destructive testing services, including procedure development, for the Westwind aircraft.

Northwest Airlines (1989-2002): Provided third party consulting in materials testing, including metallurgical evaluation.

Hale Aircraft (1992-Pres.): Provided extensive metallurgical and non-destructive testing expertise to a regional FBO. Services included comprehensive structural evaluations to comply with airworthiness directives, development of specific non-destructive testing procedures and training of personnel and component failure analysis, including litigation support.

Professional Certifications

Professional Engineering Registration, Georgia

Corporate Level III SNT-TC-1A Certification in all Major NDT Disciplines.

Archival Publications (Examples below beginning with most recent)

3. “Metallurgical Failure Analysis of Cold Cracking in A Structural Steel Weldment” M.E. Stevenson, S.L. Lowrie, R.D. Bowman and B.A. Bennett *Practical Failure Analysis* 2(4), 55-60 (2002)
2. “Standard for evaluating the properties and dimensions of nails” Bureau of Standards Jamaica, 1984.
1. “Standard criteria for certifying NDT personnel” Bureau of standards, Jamaica, 1984.