

Thomas C. Boddorff, P.E.

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SPECIALIZED PROFESSIONAL EXPERIENCE

- *Business Development*: strategic planning, financial analysis, marketing, internet strategies, small business accounting systems, static website design
- *Forensic Engineering*: Causation and contributing factor determination in accident and failure issues. Involved in numerous failures/ accident projects since 1982 and provided testimony of findings in courts of law in MD, PA, VA and FL. Specific projects have included: motor vehicle accidents, farm/ commercial/ industrial failures and accidents, mechanical failures, mechanical systems analysis, construction issues, fires, vehicle performance testing, recreational marine accidents and water sports accidents. Analysis techniques have included calculations, evidence mapping, testing, photogrammetry, computer techniques and simulations.
- *Mechanical Design*: mechanisms, machine tools, paper handling equipment, packaging and printing equipment, vacuum formed plastic product and tooling design, pumps, compressors, couplings, pneumatic systems, hydraulic systems, HVAC systems, kerosene heaters, noise level assessment.

ACADEMIC BACKGROUND

- MBA (Executive), Crummer Graduate School of Business, Rollins College (FL), 2000
- The Traffic Institute, Northwestern University, (IL), courses in accident reconstruction, 1986
- MS Mechanical Engineering, Youngstown State University (OH), 1976
- BS Mathematics, Westminster College (PA), 1972

PROFESSIONAL WORK EXPERIENCE

- Board Member, CBA Information Services, Cherry Hill, NJ, 1994-present
- VP/ Treasurer/ Shareholder, Camden Credit Association, Inc., Cherry Hill, NJ, 1998-present
- Consultant (engineering and business), 1986-present
- Adjunct Professor, Anne Arundel Community College, Arnold, MD, 1982-1983, 2001-2003
- Mechanical Engineer/ Engineering Manager, FTI Corporation, Annapolis, MD 1982-1986
- Engineering Manager, Hydrasearch Company, Inc., Annapolis, MD, 1980-1982
- Sales Engineer, Cummins Wagner Company, Inc., Annapolis Jct., MD, 1979-1980
- Mechanical Engineer, Maryland Cup Corporation, Baltimore, MD, 1977-1979
- Design Engineer, Valley Mould & Iron Company, Hubbard, OH, 1974-1976

ADVISORY BOARDS AND POSITIONS

- National Director (1991-1994), American Water Ski Association, Winter Haven, FL; various technical and education positions from 1987-1996
- Member, Maryland Boat Act Advisory Committee, Maryland Department of Natural Resources, Annapolis, MD, 1989-1993

PUBLISHED WORKS

- "Simple Overhead Photography Techniques for Accident Reconstruction", Thomas C. Boddorff and Ian S. Jones, Society of Automotive Engineers International Congress and Exposition, Detroit, MI, 1990.
- Several technical articles that have appeared in, Waterways Education Manual and The Water Skier, publications of the American Water Ski Association, Winter Haven, Florida

PROFESSIONAL AFFILIATIONS

- Registered Professional Engineer (PE) in Maryland and Florida
- American Society of Mechanical Engineers
- Society of Automotive Engineers
- Association on Independent Consultants, Inc. (Treasurer)
- National Association of Professional Accident Reconstructionists