

**PROFESSIONAL RESUME OF WILLIAM P. "TED" THORWARTH, P.E.**

**I. General Information**

**Compendium:**

**Senior Electrical Engineering**, Certified Aircraft Mechanic, gas fired industrial and construction heating devices, electro-mechanical medical devices, aircraft maintenance and system analysis, electrical shock, non-ionizing radiation accidents, large electrically powered utility pumping systems, malfunctions of systems and equipment in marine craft, electrical issues in commercial freezer facilities, alarm and monitoring of critical systems, consumer product investigations, batteries and electrolytes, electrical and mechanical devices involved with fire investigations, aircraft damage assessment

**II. Professional Summary**

**Education:**

**Bachelor of Science, Electrical Engineering**  
University of Maryland  
College Park, Maryland  
May 1975

**Experience:**

Investigative Engineer and President, Engineering Forensics, Inc., 2002 to present; formerly Preston Aircraft Corporation. Founder of Corporation in 1987.

Senior Aviation Specialist and Electrical Engineer, rti/FTI Consulting, Annapolis, Maryland, 2004 to present.

Investigative Engineer, Chesapeake Engineering & Design-Accident Analysis, Inc., 2003 to present.

Senior Electrical Design Engineer, Radar Transmitter Design & Development, Defense Electronics Systems Group, Westinghouse Electric Corporation, 1981-1991.

**Airframe and Powerplant Mechanic, 1991 to present.**

Avionics Specialist, repair and installation of aircraft electronic equipment, Baltimore Avionics Company, 1976-1977.

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Professional Pilot, employed by many commercial operators and corporate entities. Extensive flight experience as pilot carrying passengers and freight and in engineering flight test operations. Types of aircraft include Lear 23, 25 and 35, Cessna Citation 500, North American

Sabre 40, Beechcraft King Air, Baron and numerous other Beechcraft models, Piper Navajo, Aztec, Seneca, Twin Comanche and numerous other Piper models, Cessna 421, 402, 310, 337 and numerous other Cessna models. 1977-present

### III. Professional Societies

Institute of Electrical and Electronic Engineers (IEEE)  
Society of Automotive Engineers (SAE)

*rbl 6/03*