

STEVEN M. PUSTAY

MV ENGINEERING COMPANY
345 MT. LEBANON BOULEVARD
PITTSBURGH, PA 15234-1505
(412)-344-6875 or 1-(800)-227-6833

EMPLOYMENT HISTORY

- 1994 to Present** **Project Engineer, MV Engineering Company, Pittsburgh, PA.**
Directed over 1200 forensic engineering analyses of motor vehicle related incidents, including traffic accident reconstruction, vehicle defect investigations, highway analyses and vehicle fires.
- 1986 to 1994** **Project/Lead Engineer, Special Product Design Group, GE Aircraft Engines, Cincinnati, OH.**
Led engineering design group for the design, fabrication and test of an advanced jet engine exhaust nozzle system. Responsibilities also included client/customer relations. Engineering tasks included expertise in mechanical design, heat transfer analysis, fluid dynamics, thermodynamics and chemical system design.
- 1984 to 1986** **Design Engineer, Special Product Design, GE Aircraft Engines, Cincinnati, OH.**
Handled design, analysis and experimental evaluation of low observable aircraft engine components, including structural/NASTRAN analysis of engine flight test hardware. Directed a \$3 million development test program, exceeding all design specifications.
- 1982 to 1984** **Engineering Development Program Engineer, GE Aircraft Engines, Cincinnati, OH.**
Broad-based program of entry level assignments in various departments/organizations, to provide diversified training.

EDUCATION

- 1982** **Bachelor of Science in Mechanical Engineering, Pennsylvania State University, State College, PA.**
Attained 3.3/4.0 average in mechanical engineering program.
- 1978** **Honors Graduate, Derry Area High School, Derry, PA.**

PROFESSIONAL AFFILIATIONS

- * American Society of Mechanical Engineers (ASME)
- * American Society of Civil Engineers (ASCE)
- * National Association of Fire Investigators (NAFI)
- * Society of Automotive Engineers (SAE)
- * National Association of Professional Accident Reconstruction Specialists (NAPARS)

ENGINEERING CERTIFICATIONS

Registered Professional Engineer in Pennsylvania, West Virginia, Ohio and Kentucky.

PERTINENT CONTINUING EDUCATION

- 2001** **Collision Trauma Biomechanics, TEEX, Dallas TX**
- 1995-2005** **Accident Reconstruction Presentations, SAE Annual Congress, Detroit, MI**
- 1998** **Investigation of Vehicle Fires, Lee Cole and Associates, Chicago, IL**
- 1996** **High Speed Crash Testing, NAPARS Joint Conference, Waldorf, MD**
- 1996** **Bump for Bucks Seminar, Pittsburgh Chapter IASIU, Aliquippa, PA**
- 1995** **Accident Reconstruction and YOU, North Huntingdon, PA**
- 1995** **Traffic Accident Reconstruction, Northwestern University, Evanston, IL**
- 1994** **Manufacturing Technology, GE Aircraft Engines, Cincinnati, OH**
- 1990** **Measurement Uncertainty Workshop, GE Aircraft Engines, Cincinnati, OH**
- 1986**

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