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JAMES W. TORPY, BS, PARTNER

Paul T. Erdtmann, BSEE, MSME, PE

Date of Birth February 6, 1970

Professional Experience

Skogen Engineering Group, Inc. - August 2005 to Present - Madison, WI

- Consulting engineer in accident investigation and reconstruction.
- Partner

Autoliv Corporation - April 2002 to July 2005 - Southfield, MI

Visteon Corporation - June 2000 to April 2002 - Dearborn, MI

Ford Motor Company - June 1999 to June 2000 - Dearborn, MI

- Product Design Engineer, Restraint Electronics Group – Developed and executed test plans for air bag modules. Developed algorithms and vehicle-specific calibrations for airbag modules.

Ford Motor Company - January 1993 to June 1999 - Dearborn, MI

- Product Assurance Engineer – Developed and executed test plans to validate the design of various automotive electronic modules.
- Manufacturing Engineer – Designed customized test equipment to integrate into the manufacturing lines of various automotive electronic modules.

Areas of Consulting Activities

Motor vehicle accident reconstruction, industrial accident investigation and analysis, failure analysis and design analysis, standard/code research.

Education

December 1992 – Northwestern University – Evanston, IL

- Bachelor of Science Degree – Electrical Engineering
- Successful completion of Cooperative Engineering Education Program with Ford Motor Company

May 2012 – University of Wisconsin – Madison, WI

- Master of Science Degree – Mechanical Engineering

**Memberships/
Societies**

- Registered Wisconsin Professional Engineer
- National Society of Professional Engineers
- Wisconsin Society of Professional Engineers
- Society of Automotive Engineers

**Professional
Development**

- Research and testing with Skogen Engineering Group, Inc., Madison, WI.
- Continuing review and independent study of industry related publications.
- Bosch Crash Data Retrieval (CDR) Certified, August 2008:
 - Bosch Crash Data Retrieval (CDR) Technician Course
 - Bosch Crash Data Retrieval (CDR) Data Analyst Course
- SAE International, Accessing and Interpreting Heavy Vehicle Event Data Recorders, May 2013
- Wisconsin Society of Professional Engineers, Continuing Professional Development Program, May 2013
- SAE International, Vehicle Crash Reconstruction Methods, May 2016
- SAE International, Vehicle Dynamics for Passenger Cars and Light Trucks, July 2016
- SAE International, Applying Automotive EDR Data to Traffic Crash Reconstruction, October 2017
- SAE International, Introduction to Brake Control Systems, May 2018