

CURRICULUM VITAE

Gordon M. Jenish, P. Eng.

Education:

- Bachelor of Engineering, Mechanical, Carleton University, 1988

Professional Affiliations:

- Professional Engineer (Province of Ontario), 1990
- Member of Society of Automotive Engineers (SAE)
- Member of the Canadian Association of Technical Accident Investigators and Reconstructionists (CATAIR)
- Member of the Society of Accident Reconstructionists (SOAR)
- Member of the Association for the Advancement of Automotive Medicine (AAAM)
- Member of the Canadian Association of Fire Investigators (CAFI)
- Member of the National Association of Fire Investigators (NAFI)
- Certified Fire and Explosion Investigator (CFEI)

Professional Work Experience:

- **President - Jenish Engineering Limited., Oshawa (1999 to present)**
Conducted and supervised engineering investigations into accidents involving personal injury, property damage and mechanical failures. Areas of expertise includes accident reconstruction, injury cause, mechanical failures and fire cause and origin investigation. Analysis of vehicle accidents focussing on vehicle speed estimates, seat belt usage assessments, occupant dynamics and injury cause analysis. Has provided opinions on roadway geometry and vehicle mechanical fitness assessments. Downloaded and analysed data from event data recorders. Fire investigations have included vehicle, and equipment fires, and also explosion investigations. Preparation of drawings, computer simulations, and photographic exhibits in support of litigation.
- **President - Hovey Accident Investigation Services Ltd., Ottawa (1990 to 1999)**
Investigated accidents, fires and failures in addition to supervising other forensic engineers. Investigations have included motor vehicle accidents, fires, explosions, structural failures, vehicle defect analysis, and product liability investigations. Also conducted research projects for Transport Canada, the Canadian Coast Guard and others.

- **Project Engineer - TES Limited, Ottawa (1988 to 1990)**
Involved in design and research projects related to vehicle systems, including vehicle compliance testing, military vehicles kits, and the development of an electronic skid testing system for determining runway friction values at Canadian Airports. Conducted accident investigations, vehicle research and testing programs for Transport Canada.

Related Engineering Experience:

- study of child restraint system compatibility with vehicle seatbelts
- evaluation of ISOFIX child restraint anchorage system in vehicles
- testing child restraint system performance in vehicle rollovers
- vehicle recall audit conducted for Transport Canada
- quality control audit of Transport Canada accident investigations
- analysis of personal water craft standards for the Canadian Coast Guard
- evaluation and testing of anti-lock brake systems for Transport Canada
- vehicle compliance testing for Transport Canada
- study of accidents involving seat back failures
- mechanical system design, fabrication and testing

Relevant Courses and Seminars:

- *"Certified Fire and Explosion Investigator"* Markham ON, October 2011.
- *"Bosch CDR Technician & Analyst Courses"* Mississauga, ON, March 2010.
- *"Advanced PC-Crash Workshop"* Mississauga, ON, March 2009.
- *"Essentials of PC-Crash"* Las Vegas Nevada, January 2008.
- *"Crash Data Recorder User's Conference"* Houston Texas, January 2007.
- *"FAST Riding School - Phase 1"* Shannonville Motorsport Park, June 2006.
- *"Highway Vehicle Event Data Recorder Symposium"* (SAE International), June 2004.
- *"Crash Injury and Biomechanics"* (A.A.A.M.), Oct. 2003.
- *"Vericom Accelerometer Training Course"* (Vericom Computers), March 2003.
- *"Estimating Driver Perception-Response Times"* (organized by CATAIR), Dec. 2002.
- *"Crash Data Recorder System Analysis"* (Collision Safety Institute), June 2002.
- *"PC-Crash Training Workshop"* (MacInnis Engineering Associates Ltd.), Mar. 1999.
- *"Advanced Commercial Vehicle Inspection and Accident Investigation"* (Texas A & M University), Apr. 1997.
- *"Biomechanics of Accidents"* (Texas A & M University), Jan. 1996.
- *"Human Factors in Traffic Accidents"* (organized by CATAIR), Aug. 1994.
- *"The Investigation of Motor Vehicle Arson"* (CA FI), Nov. 1993.
- *"Advanced Accident Reconstruction with Microcomputers"* (University of North Florida), Oct. 1993.

Relevant Courses and Seminars (Continued):

- *"Fire and Arson Investigation"* (CAFI), Nov. 1992.
- *"Special Problems in Accident Reconstruction"* (University of North Florida), Apr. 1992.
- *"Traffic Accident Investigation"* (Northwestern University), June 1991.

Lectures and Published Articles:

- *"Investigation of Suspected Staged Collisions"* - Lectured at the *Co-operators Insurance Co.* August 10, 2012.
- *"Fraudulent Airbag Deployment and Electronic Data Recorders"* - Lectured at the *"Combat Auto Fraud"* seminar series presented by ISB Canada June and July, 2011.
- *"WinCrash Program - Damage and Energy Calculations in Collision Reconstruction"* - Lectured at Durham Regional Police Services, January 22 & 23, 2008.
- *Level II Collision Investigation Course* - Lectured at Durham Regional Police Services, May 2001, 2002, 2003 & 2004.
- *"Commercial Vehicle Data Recorders: The Black Boxes of the Trucking Industry"* - Without Prejudice Magazine, Vol. 69, No. 1, September 2004.
- *"Event Data Recorders - Those Little Black Boxes"* - Presentation at the Kawartha Chapter of the Ontario Insurance Adjusters Association Meeting, March 2004.
- *"Investigating Pedestrian Impacts: An Engineering Perspective"* - Without Prejudice Magazine, Vol. 67, No. 2, October 2002.
- *"Injury Reduction in Motor Vehicle Accidents: Seatbelt Usage Still a Critical Factor"* - Without Prejudice Magazine, Vol. 66, No. 9, May 2002.
- *"Accident Reconstruction - The Science Behind the Numbers"* - Canadian Underwriter Magazine, Vol. 69, No. 5, May 2002.
- *"Accident Biomechanics"* - Presentation at the Thousand Islands Adjusters Association Meeting in Kingston, Ontario, March 1999.
- *"Accident Biomechanics"* - Presentation at the Ottawa Valley Adjusters Association Meeting, February 1997.
- *Level IV Collision Reconstruction Course* - Instructed at the Canadian Police College in Ottawa, June 1994, 1995.

Expert Qualifications:

- Completed over 2,000 accident, fire and failure investigations to date.
- Qualified as an expert witness in civil trials, criminal trials, and arbitrations.