

**GORDON "Chip" JOHNSTON**  
**President, Accredited Reconstructionist**  
**The Crash Lab, Inc.**

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**OBJECTIVE:**

The application of professional experience with tutorial and academic preparation allowing for professional growth and recognition.

**PROFESSIONAL EXPERIENCE:**

- Accredited Traffic Accident Reconstructionist, ACTAR #43, The Accreditation Commission for Traffic Accident Reconstruction, effective October 7, 1992, exceeding 38 years of Collision Experience
- Preparation of Collision Reconstruction for Counsel in Civil and Criminal Litigation, ~50/50% Civil Plaintiff/Defendant case ratio
- Preparation of Collision Reconstruction for the New England Law Enforcement Community
- Recognized Expert to give testimony before Federal and States Courts: greater than 80 Testimony, greater than 85 Deposition, appearances since 1990
- State of New Hampshire, Department of Safety, Division of State Police, Retired
- Adjunct Faculty member, University of North Florida, Institute of Police Technology & Management, (IPTM), Jacksonville, FL
- Certified Instructor, The Commission on Criminal Justice Standards and Training State of Florida
- Adjunct Faculty member, New Hampshire Police Standards and Training Council, (NHPS&TC), Concord, NH
- Governor's Appointment, State of New Hampshire Traffic Safety Commission
- Treasurer, National Association of Professional Accident Reconstruction Specialists, Inc., (NAPARS) since 1992

**STATE POLICE :**

- Patrol Supervisor
- Assistant Commander of the Technical Accident Reconstruction Unit
- Division Instructor for Patrol Preparation and In-Service Training
- Troop Training Officer
- Division Review and approval of Collision and Accident Reconstruction Reports
- Instructor, Police Standards & Training Council
- At-Large Instructor for Local and County Police in Collision Investigation and related courses.

**TRAFFIC COLLISION INVESTIGATION INSTRUCTOR/ COURSE DIRECTOR:**

***At-Scene Accident Investigation/Traffic Homicide Investigation:*** Introduction to Traffic Accident Investigation, Classification of Traffic Accidents, Series of Events, Physical Evidence from the Roadway and Vehicle, Accident Photography, Estimating Vehicle Speed, Traffic Template, Measuring & Diagramming Accident Scenes, The Human Element, Interviewing Drivers & Witnesses, Analysis of Information, and, Case Preparation

***Advanced Accident Investigation:*** Mathematics Review, Vehicle Lamp Evaluation & Analysis, Tire Forensics, Photogrammetry, Vehicle Dynamics-Acceleration & Deceleration Rate, Motion, Time, & Distance, Airborne Flips, Falls, & Vaults, Conservation of Linear Momentum, Vehicle Damage Evaluation, Vector Sum Analysis, Human Factors, Physical Evidence from the Roadway and Vehicle, and, Advanced Measuring & Diagramming

***Traffic Accident Reconstruction:*** Mathematics & Algebras Review, Formula Derivations, Newton's Laws of Motion, Kinetic Energy and Minimum Speed Formulas, Time, Distance and Velocity Equations and Accident Reconstruction, Conservation of Linear Momentum, Motorcycle Collisions, Vector Sum Analysis, Physical Evidence from the Roadway and Vehicle, Geometry and Trigonometry Review, Radius and Tangent Offset Equations, Airborne Formulas, Critical Speed, Commercial Vehicle Collision Reconstruction, Lane Change and Critical Turn-Away Equations, and, Multiple Departure Momentum

- Instructor/Course Director, ***At-Scene Accident Investigation/Traffic Homicide Investigation***, University of North Florida, IPTM:

Lake Oswego, OR, January 1996	Meriden, CT, March 1994
Lake Worth, FL, February 1993	Meriden, CT, September 1991
Germantown, TN, March 1991	Jacksonville, FL, September 1990
Howell, NJ, March 1988	Richmond, KY, October 1987
Prince Georges County, MD, September 1986	

- Instructor/Course Director, *At-Scene Accident Investigation for Supervisors*, New Hampshire State Police, Concord, NH, February 1989
- Instructor/Course Director, *Advanced Accident Investigation*, University of North Florida, IPTM:
 

Raleigh, NC, November, 1996	Miami, FL, June 1995
Jacksonville, FL, January 1995	Jacksonville, FL, April 1994
Fort Meyers, FL, February 1994	St. Petersburg, FL, November
1993Gainesville, FL, January 1993	Bergen County, NJ, April 1991
Columbia, SC, October 1990	Bergen County, NJ, May 1989
Tampa, FL, October 1988	
- Instructor, Traffic Accident Reconstruction, University of North Florida, IPTM:
 

Raleigh, NC, July 1996	Donelson, TN July 1995
Albany, NY, November 1994	London, OH, September 1994
- Lead Instructor, *Advanced Accident Investigation*, NHPS&TC, Concord, NH  
February 1989, November 1988, May 1988
- Instructor, *Photography in Traffic Accident Investigation*, University of North Florida, IPTM:
 

Northfield, NJ, May 1993	Tallahassee, FL, January 1991
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- Lead Instructor, Recruit Academy, *Basic Accident Investigation*, NHPS&TC, Concord, NH: October 1989, May 1989, February 1989, October 1988, July 1988, October 1986
- Instructor/ Course Director, *Basic Accident Investigation for Local & County Police Officers*, NHPS&TC, Kensington, NH, January 1987
- Lead Instructor, *Patrol Preparation, Accident Investigation*, New Hampshire State Police, Concord, NH, March 1988, December 1986, March 1986, March 1985