

BRANDON M. STONE, ACTAR

EDUCATION:

Criminal Justice, Eastern Gateway Community College

REGISTRATION:

Accredited Traffic Accident Reconstructionist (ACTAR), Registration No. 3648

EXPERIENCE:

Accident Reconstructionist, Knott Laboratory, LLC March 2024 to present.

Corporal, SCRT Training Coordinator, April 2021 to March 2024 (retired)

Trooper, Specialized Collision Reconstruction Team (SCRT), March 2006 to April 2021

Trooper, Georgia State Patrol, February 2001 to March 2006

Radio Operator, Georgia State Patrol, November 1997 to February 2001

Drivers Education Instructor, Southern Crescent Technical College, January 2008 to March 2024



ACCIDENT RECONSTRUCTION:

Retired from the Georgia Department of Public Safety, Georgia State Patrol, Mr. Stone has performed hundreds of investigations and reconstructions of high and low-speed motor vehicle accidents involving passenger cars, motorcycles, pedestrians, bicycles, and commercial vehicles. During this time, most of Mr. Stone's cases consisted of fatal felony, and/or high-profile cases. His experience includes the initial on-scene investigation and gathering of evidence. His reconstructions would require the use of multitude of accident reconstruction disciplines such as: the conservation of energy and conservation of momentum analysis to determine the speed of vehicles involved in accidents, occupant kinematics analysis, driver reaction, time and distance relations and analysis. Mr. Stone investigations often involve analysis of vehicle dynamics, vehicle safety, human factors and visibility investigations. Frequent aspects of these investigations also involve a mechanical evaluation of the vehicle which looks for mechanical failure and performance of the brakes, tires, seatbelts, airbags, and overall fitness and safety of the vehicle.

ACCIDENT RECONSTRUCTION TECHNOLOGIES:

Mr. Stone frequently utilizes the latest technologies available in accident reconstruction throughout all analysis stages, from gathering evidence through reconstruction and accident simulations. The majority of his cases involved forensic mapping of the scene and importing that data into computer-aided diagramming and animation computer software packages to view the evidence and gather detailed measurements in virtual space. In addition, as a technician certified in Bosch crash data retrieval, Mr. Stone has retrieved and analyzed crash data from electronic data recorders in numerous passenger vehicles.

EXPERT TESTIMONY:

As a result of Mr. Stone's investigations and analyses, he has provided expert witness testimony in the Superior Court System of Georgia and lower courts.

INVESTIGATION AND POLICING:

Mr. Stone's investigations with the Georgia State Patrol also included gathering physical evidence at large scale crime scenes, video/digital photography, and searches. Mr. Stone was previously a POST Certified Driving Instructor and Radar Instructor, as well as a Field Training Officer. Mr. Stone is a certified Accident Reconstruction Specialist in the state of Georgia and has experience with DUI enforcement and impairment identification. Mr. Stone spent the last 8 years of his career with the Georgia State Patrol Specialized Collision Reconstruction Team as an instructor at the Georgia Public Safety Training Center and was tasked with teaching law enforcement across the southeast in Crash Investigations and Reconstruction. Mr. Stone was also tasked with teaching the Georgia State Patrol's Trooper Schools.