

BRENT R. GRAHAM, ACTAR

EDUCATION:

B.B.A. Marketing, Colorado Mesa University

REGISTRATION:

Accredited Traffic Accident Reconstructionist (ACTAR), Registration No. 2560

EXPERIENCE:

Project Manager, Knott Laboratory, LLC March 2021 to present
Owner/Reconstructionist, Blue Line Reconstruction, LLC June 2017 to March 2021
Trooper, Vehicular Crimes Unit, Colorado State Patrol, November 2010 to June 2017
Trooper, Colorado State Patrol, June 2007 to November 2010



ACCIDENT RECONSTRUCTION:

Formerly at the Colorado State Patrol and Blue Line Reconstruction, Mr. Graham 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, the majority of Mr. Graham'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 conservation of energy and conservation of momentum analysis to determine the speed of vehicles involved in accidents, occupant injury analysis, driver reaction, and time/space relationships and analysis. Mr. Graham's 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 looked for mechanical failure and performance of the brakes, tires, seat belts, and airbags.

ACCIDENT RECONSTRUCTION TECHNOLOGIES:

Mr. Graham frequently utilizes the latest technologies available in accident reconstruction throughout all analysis stages, from gathering evidence through accident reconstruction and accident simulation. The majority of his cases involved laser 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. Graham has retrieved and analyzed crash data from electronic data recorders in numerous passenger vehicles. After reconstructing an accident, Mr. Graham often simulates the accident using advanced crash simulation software.

EXPERT TESTIMONY

As a result of Mr. Graham's investigations and analyses, he had provided expert witness testimony in court and sat as an advisory witness for the District Attorney's Office. Mr. Graham's work has been for both plaintiffs and defendants in the areas of vehicular accident reconstruction.

INVESTIGATION AND POLICING:

Mr. Graham investigations with the Colorado State Patrol also included gathering of physical evidence, video/digital photography, searches, and data gathering to include cell phone records and GPS to map location and path of travel. Mr. Graham's was previously a Post Certified Driving Instructor and Field Training officer. He has experience with DUI enforcement and impairment identification, use of force and de-escalation, critical incident/emergency management, and community policing.

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