

BRIAN LONBERG, ACTAR

EDUCATION:

Criminal Justice, Eastern Gateway Community College
Automotive Technology, NASCAR Technical Institute / Universal Technical Institute

REGISTRATION:

Accredited Traffic Accident Reconstructionist (ACTAR), Registration No. 4640

EXPERIENCE:

Accident Reconstructionist, Knott Laboratory, LLC January 2025 to present.
Corporal, Traffic Enforcement Unit (TEU), Cherokee Sheriff's Office, February 2023 to January 2025
Corporal, Uniform Patrol Division, Cherokee Sheriff's Office, March 2021 to February 2023
Deputy, Traffic Enforcement Unit (TEU), Cherokee Sheriff's Office, October 2017 to March 2021
Deputy, Uniform Patrol Division, Cherokee Sheriff's Office, May 2015 to October 2017
Deputy, Adult Detention Center, Cherokee Sheriff's Office, December 2013 to May 2015
Diesel Mechanic, YRC Freight, June 2012 to December 2013
Automotive Technician, March 2008 to June 2012



ACCIDENT RECONSTRUCTION:

Formerly at the Cherokee Sheriff's Office, Georgia, Mr. Lonberg 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. Lonberg'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 a multitude of accident reconstruction disciplines such as: conservation of energy and conservation of momentum analysis to determine the speed of vehicles involved in accidents, occupant injury analysis, driver reaction, and time/distance relationships and analysis. Mr. Lonberg'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 looks for mechanical failure and performance of the brakes, tires, seat belts, airbags, and overall fitness and safety of the vehicle.

ACCIDENT RECONSTRUCTION TECHNOLOGIES:

Mr. Lonberg 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 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. Mr. Lonberg is a FAA-licensed remote pilot and performs aerial surveys of sites using unmanned aerial systems (drones). In addition, as a technician certified in Bosch crash data retrieval, Mr. Lonberg has retrieved and analyzed crash data from electronic data recorders in numerous passenger vehicles. Additionally, Mr. Lonberg being trained as a HVEDR Technician and Analyst has retrieved data on numerous commercial motor vehicles. Mr. Lonberg is a certified XL tribometrist through Excel Tribometers, LLC.

INVESTIGATION AND POLICING:

Mr. Lonberg's investigations with the Cherokee Sheriff's Office also included gathering physical evidence at large scale crime scenes, video/photography, searches, and data gathering to include cell phone records and GPS to map location and path of travel. Mr. Lonberg was previously a POST Certified Drug Recognition Expert (DRE), DRE Instructor, Standardized Field Sobriety Evaluation (SFST) Instructor, ARIDE Instructor, as well as a Field Training Officer. Mr. Lonberg is a certified Accident Reconstruction Specialist in the state of Georgia and ACTAR accredited (Registration No. 4640). Mr. Lonberg has experience with DUI enforcement and impairment identification, use of force and de-escalation, critical incident/emergency management, and community policing.

PROFESSIONAL AFFILIATIONS:

Mr. Lonberg is a member of the following technical and professional societies:
NAPARS National Association of Professional Accident Reconstruction Specialists