



Expertise. Precision. Innovation.

## Curriculum Vitae

### John F. Davis Jr., ACTAR

**Profession:** Mr. Davis specializes in the investigation and reconstruction of motor vehicle collisions. He holds full accreditation in accident reconstruction from the Accreditation Commission for Traffic Accident Reconstruction (ACTAR). Prior to joining Bloomberg Consulting he worked in the traffic accident and traffic homicide division of the Montgomery Police Department and was the bureau chief or shift commander of that division for many years. He has investigated more than 3500 traffic collisions and supervised hundreds of serious and fatal collision investigations involving commercial vehicles, passenger vehicles, pedestrians, bicyclists, motorcycles, etc. He has considerable experience with leading edge technology in the field, including EDR “black box” data retrieval systems, robust 3-dimensional accident reconstruction simulation and animation programs, collision scene photography, surveying equipment, etc.

**Testimony:** Mr. Davis has been qualified as an expert in approximately 20 trials, has testified in more than 30 depositions, and has testified more than 40 times before a Grand Jury.

**Certification:** Certificate of Full Accreditation from ACTAR– Registration #3329  
Alabama Peace Officers Standards and Training Commission Advanced Academy, #18177

**Experience:** *Bloomberg Consulting, LLC- Pensacola, FL*  
2017 to present - Accident Reconstructionist

*Montgomery Police Department - Montgomery, AL*  
2015 to 2017 - Shift Commander - Lieutenant, North Precinct  
2012 to 2015 - Bureau Commander - Lieutenant, Accident Inv. & Traffic Homicide  
2009 to 2012 - Shift Commander - Sergeant, Accident Inv. & Traffic Homicide

*DynCorp International FZ-LLC - Afghanistan Police Program*  
2009 to 2009 – Regional Commander - Gardez, Afghanistan  
2008 to 2009 – Regional Training Coordinator - Konduz, Afghanistan  
2006 to 2008 – Police Advisor Lead Trainer - Herat, Afghanistan

*Montgomery Police Department – Montgomery, AL*  
2002 to 2006 - Shift Commander - Sergeant, Accident Inv. & Traffic Homicide  
1998 to 2002 - Investigator - Corporal, Accident Inv. & Traffic Homicide  
1995 to 1998 - Police Officer, Patrol Division

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**Professional  
Development:**

- ◆ Ongoing Accident Reconstruction training – Since 1998 Mr. Davis has analyzed hundreds of serious injury and fatal traffic collision investigations for presentation to the District Attorney’s Office and Grand Jury.
- ◆ “Virtual Crash Simulation Software” – Hands on traffic collision analyses training utilizing VCRASH simulation software to; draw scale diagrams, manipulate 3D models and terrain environments, and create high definition animations and simulations. *vCRASH Academy & Forensic Training Group*, Sandy Springs, GA (October 2019)
- ◆ “Aerial Photogrammetry Using PIX4D Mapper Software for Crash and Crime Scene Investigation” – Hands on ‘crash/crime scene to courtroom’ workflow utilizing Pix4D generated images and point cloud data. *Forensic Mapping Solutions Inc.*, Hattiesburg, MS (June 2019)
- ◆ “iNPUT-ACE: A Dynamic Video Workflow Engine” – Hands on training with digital multimedia workflow including basic file interrogation techniques for the accurate interpretation of video images. *iNPUT-ACE*, Miami, FL (May 2019)
- ◆ “Event Data Recorder in Traffic Crash Reconstruction: Update and Advanced Analysis Techniques” – Training on the latest vehicle updates to the Bosch® Crash Data Retrieval (CDR) system, Hyundai/Kia systems and advanced analysis techniques for the extracted data. *Ruth Consulting*, Navarre, FL (April 2018)
- ◆ “U.S. DOT Commercial Motor Vehicle Periodic Inspection & Maintenance Course”, *U. S. Department of Transportation – Transportation Safety Institute*, Oklahoma City, OK (September 2017)
- ◆ “Traffic Incident Management” and “Train the Trainer”, *National Traffic Incident Management Responder Training Program*, Montgomery AL (February 2015)
- ◆ “Crash Data Retrieval (CDR)Data Analyst Certification” (Vehicle “Black Box” Systems), *Mississippi Highway Patrol*, Jackson MS (September 2014)
- ◆ “Nikon Total Station” and “Train the Trainer”, *ARAS 360*, (December 2012)
- ◆ “Advanced Computer Diagramming and Animation” and “Train the Trainer”, *ARAS 360*, (December 2012)
- ◆ “Traffic Homicide Investigation: On Scene Photography”, *Alabama Department of Public Safety*, (October 2012)
- ◆ “Crash Data Retrieval (CDR) Operator’s Certification Course,” *Montgomery Police Department*, Montgomery AL (September 2011)
- ◆ “Laser Speed Measurement (LIDAR) Operator”, *Montgomery Police Department*, Montgomery AL (March 2010)
- ◆ “Commercial Vehicle Accident Reconstruction”, *Institute of Police Technology and Management*, Selma AL (April 2003)
- ◆ “Drager Operator”, *Alabama Department of Forensic Sciences*, Montgomery AL (January 2003)



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- ◆ "Traffic Crash Reconstruction", *Institute of Police Technology and Management*, Selma AL (September 2000)
- ◆ "Intermediate Investigative Seminar", *Montgomery Police Department*, Montgomery AL (April 2000)
- ◆ "Quick Map Operator", *Montgomery Police Department*, Montgomery AL (March 2000)
- ◆ "Doppler Radar Operator", *Montgomery Police Department*, Montgomery AL (March 2000)
- ◆ "Advanced Accident Investigations", *Montgomery Police Department*, Montgomery AL (July 1999)
- ◆ "Intoxilyzer 5000 Operator", *Alabama Department of Public Safety*, Montgomery AL (June 1997)
- ◆ "Advanced Police Academy", *Montgomery Police Department*, Montgomery AL (April 1996)
- ◆ "DWI Detection and Standardized Field Sobriety Test", *Montgomery Police Department*, Montgomery AL (February 1996)

### **Synopsis:**

Mr. Davis has extensive knowledge and experience in motor vehicle accident investigations and reconstruction. He has personally investigated more than 3500 traffic collisions and has been involved in the documentation, analysis, and reconstruction of hundreds of serious motor vehicle collisions involving commercial vehicles, passenger vehicles, pedestrians, motorcycles, bicycles, etc. His experience has included time/speed/distance analysis, seat belt use, headlamp filament analysis, and traffic signal sequencing. Mr. Davis developed and implemented the Montgomery Police Department's Standard Operating Procedure and case file format for the investigation of serious and/or fatal traffic collisions. He continuously conducted traffic homicide training for the investigators under his command which included accident reconstruction, evidence documentation, collision scene photography, 3-dimensional animation, EDR downloads, collision scene mapping, computer diagramming, etc.

Mr. Davis has testified in deposition and trial numerous times in Alabama and has been qualified as an expert in both municipal and state courts. He has given expert opinion testimony regarding collision and approach speeds of vehicles, reaction times and collision avoidance possibilities, vehicle crush and delta-v, pedestrian impact evidence, time-speed-distance relationships, headlamp and seatbelt usage, etc.