



John F Davis, Jr.

Senior Accident Reconstructionist

Department

Accident Reconstruction & Forensic Animation

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Locations

Pensacola, FL

Mobile, AL

Hattiesburg, MS

Biography

John F. Davis, Jr. is a Senior Accident Reconstructionist at YA Group who specializes in the investigation and reconstruction of motor vehicle collisions.

John has considerable experience downloading and analyzing leading-edge digital forensics data from various sources, including tractor-trailer and automobile electronic data recorders (ECM, EDR, RCM, ACM, CDR, black boxes, etc.), video event data recorders (DriveCam, SmartDrive, etc.), heavy truck telematics systems (Qualcomm, PeopleNet, etc.), Garmin and other personal GPS-based devices, ABS systems (Bendix, Wabco, etc.), and numerous other devices. He has extensive experience inspecting and documenting the condition of braking systems on tractor-trailers and heavy trucks to determine their existing braking capability and apply that to the specifics of a particular collision.

Additionally, John is trained in interrogating and analyzing digital video evidence, and produces demonstrative exhibits to highlight areas of concern. He has experience analyzing videos from dash cameras, surveillance cameras, body cameras, and other sources to determine speed, time, distance, traffic signal sequences, use of turn signals, and other important factors in accident reconstruction.

Credentials

- Accreditation Commission for Traffic Crash Reconstruction (ACTAR)
- FAA Drone Certified Pilot
- FAA Part 107 Small UAS Recurrent
- Axon Investigate - Certified Operator, Examiner, and Metrologist
- Crash Data Retrieval (CDR) - Certified Technician and Analyst
- State of Alabama - APOSTC Specialized Instructor (Accident Investigation, Traffic Homicide Investigation, Advanced Accident Investigation)
- Alabama Peace Officers Standards and Training Commission (APOSTC) Advanced Academy

Professional Experience

- 2026 - Current | Senior Managing Accident Reconstructionist | Ya Group
- 2024 - 2026 | Senior Accident Reconstructionist | YA Engineering Services
- 2017 - 2024 | Accident Reconstructionist | Bloomberg Consulting
- 2015 - 2017 | Lieutenant - North Precinct Shift Commander | Montgomery Police Department
- 2012 - 2015 | Lieutenant - Accident Investigation/Traffic Homicide Bureau Commander | Montgomery Police Department
- 2009 - 2012 | Sergeant - Accident Investigation/Traffic Homicide Shift Commander | Montgomery Police Department
- 2009 - 2009 | Regional Commander- Afghanistan Police Program | DynCorp International FZ-LLC
- 2008 - 2009 | Regional Training Coordinator- Afghanistan Police Program

- | DynCorp International FZ-LLC
- 2006 - 2008 | Police Advisor Lead Trainer- Afghanistan Police Program
| DynCorp International FZ-LLC
- 2002 - 2005 | - Afghanistan Police Program | Montgomery Police Department
- 1999 - 2002 | Corporal - Accident Investigation/Traffic Homicide Investigator | Montgomery Police Department
- 1995 - 1999 | Police Officer- Patrol Division | Montgomery Police Department

Area of Practice

- Accident Reconstruction
- Graphics & Animation
- Heavy Trucking
- Motorcycle Accident Reconstruction

Training Courses

- Symposium on EDR Research and Analysis - NAPARS - April - 2024
- Reconstructing Red Light Running Crashes at Signalized Intersections - NAPARS - October - 2023
- ADAS and Accident Reconstruction - NAPARS - August - 2023
- Recon-3D Training Course - Recon-3D - June - 2023
- WREX: World Reconstruction Exposition - WREX - April - 2023
- Axon Investigate Reverse Projection: Camera Match Overlay - Axon Inv - October - 2022
- Axon Investigate Examiner Certification - Axon Inv - October - 2022
- Axon Investigate Metrology: Calculating Speed from Video - Axon Inv - September - 2022
- Axon Investigate Operator Certification - Axon Inv - September - 2022
- Mack / Volvo Forensic Imaging Training - DELTA |v| - September - 2021
- Video Evidence Training Symposium - iINPUT-ACE - June - 2020
- Virtual Crash Simulation Software - vCRASH - October - 2019
- Aerial Photogrammetry Using PIX4D - Forensic Mapping Solutions Inc. - June - 2019
- iINPUT-ACE: A Dynamic Video Workflow Engine - iINPUT-ACE - May - 2019
- Event Data Recorder in Traffic Crash Reconstruction: Update and Advanced Analysis Techniques - Ruth Consulting - April - 2018
- U.S. DOT CMV Periodic Inspection & Maintenance Course - Transportation Safety Institute - September - 2017
- Traffic Incident Management (TIM) and Train the Trainer - National TIM Responder Training Program - February - 2015
- Crash Data Retrieval (CDR) Data Analyst Certification - Mississippi HP - September - 2014
- Advanced Computer Diagramming and Animation and Train the Trainer - ARAS 360 - December - 2012
- Traffic Homicide Investigation: On Scene Photography - Alabama DPS - November - 2012
- CDR Operator's Certification Course - MPD - September - 2011
- Laser Speed Measurement (LIDAR) Operator - MPD - March - 2010
- Commercial Vehicle Accident Reconstruction - IPTM - April - 2003
- Drager Operator - Alabama DFS - January - 2003
- Traffic Crash Reconstruction - IPTM - September - 2000
- Intermediate Investigative Seminar - MPD - April - 2000
- Doppler Radar Operator - MPD - March - 2000

Affiliations

- Accreditation Commission for Traffic Crash Reconstruction (ACTAR)
- National Association of Professional Accident Reconstruction Specialists (NAPARS)
- International Network of Collision Reconstructionists (INCR)