



Ed Weber

M.A., ACTAR, ASE

Senior Managing Accident Reconstructionist

Department

Accident Reconstruction & Forensic Animation

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Locations

New York, NY

Philadelphia, PA

Biography

Mr. Ed Weber is a highly experienced forensic specialist with deep expertise in the investigation, analysis, and reconstruction of motor vehicle collisions. His work spans failure analysis involving automobiles, trucks, and mechanical equipment, as well as determining the cause and origin of vehicle fires. As automotive technologies continue to evolve—particularly in automated safety systems—claims of vehicle defects have increased significantly. Ed's comprehensive approach to investigating these complex issues plays a critical role in determining the circumstances and contributing factors of collisions.

Ed holds a Master's degree in Leadership and Public Administration, as well as a Bachelor's degree in Human Services and Administration of Justice. He is an accredited accident reconstructionist through the Accreditation Commission for Traffic Accident Reconstruction (ACTAR #1017), a licensed FAA commercial drone pilot, a Certified Vehicle Fire Investigator, and a Certified Master Automobile and Truck Technician.

Credentials

- M.A.
- ACTAR
- ASE
- FAA Certified Drone Pilot
- National Institute for Automotive Service Excellence (ASE)
- Master Automobile Technician
- Master Medium/Heavy Duty Truck Technician

Professional Experience

- 2025 - Present | Senior Managing Accident Reconstructionist | YA Group
- 2015 - 2025 | Principal Consultant | Rimkus Consulting Group
- 2014 - 2015 | President | Team Edge Forensics
- 1990 - 2014 | Team Leader | Fatal Accident Unit, Bergen County Prosecutor's Office
- 1988 - 2014 | Lieutenant, Traffic Bureau Commander | Waldwick Police Department

Area of Practice

- Accident Reconstruction
- Construction Zone Safety
- Failure Analysis
- Fire Origin & Cause
- Heavy Trucking
- Drone Pilot
- Sight Distance Visibility
- Vehicle Electronic Data Download

Publications and Presentations

- 2000 - "Effects of Poorly Maintained Brakes on Stopping Performance", Accident Investigation Quarterly, Fall, 2000.

Education

- Centenary University - Master of Arts - Leadership and Public Administration - Hackettstown - New Jersey
- Thomas Edison University - Bachelor of Science - Justice Administration - Trenton - New Jersey

Training Courses

- At-Scene Traffic Accident Investigation
 - Advanced Accident Investigation
 - Traffic Accident Reconstruction
 - Investigation of Seatbelt/Child Restraint Injuries
 - Pedestrian & Bicycle Accident Reconstruction
 - Advanced Accident Reconstruction
 - Motorcycle Collision Investigation
 - Child Restraint Technician
 - Special Problems in Crash Reconstruction
 - Bus/Train Crash Investigations
 - Crash Data Retrieval System Operator
 - Traffic Safety Crash Investigation Conference
 - Crash Data Retrieval Analyst
 - Railroad Grade Crossing Crash Investigation
 - Special Problems in Crash Reconstruction
 - Truck Crash Investigation
 - Trailer Under-ride Crash Investigation
 - Bicycle Collision and Cyclist Standard of Care
 - Crash Reconstruction Update
 - Detroit Diesel DDEC Reports
 - Special Problems In Traffic Crash Reconstruction
 - Special Problems in Crash Reconstruction
 - HVE Users Forum
 - Human Factors in Accident Reconstruction
 - Statistical Analysis in Accident Reconstruction
 - Motorcycle Accident Investigation Forum
 - Combined Joint Conference - Human Factors
 - Human Factors in Crash Reconstruction
 - Tire Analysis and Forensics
 - The Importance of Accuracy in a Visibility Study
 - Berla iVE Training
 - Commercial Driver's License Instructor
 - Tactical Driving for Police Officers
 - Traffic Engineering for Police Officers
 - Traffic Incident Management
 - Incident Command System 100
 - Incident Command System 200
 - Advanced Traffic Engineering
 - Public Safety Management and Supervision
 - Commercial Vehicle Enforcement
 - Police Supervision, Management & Law
 - Fleet Safety Management
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- Investigation into Police Misconduct
- Work Zone Safety
- Mechanics of an Internal Affairs Investigation
- Internal Affairs Policy & Procedures
- Driving Simulator Instructor's Course
- Command Institute for Law Enforcement Executive
- Incident Command Systems 400
- Law Enforcement Executive Development Seminar
- Executive Command Leadership
- Forklift and Aerial Boom Lift Operator
- Vehicle Fire Investigations
- Fire/Arson Investigation
- Phase II Fire Investigation

Affiliations

- National Association of Professional Accident Reconstruction Specialists (NAPARS)
- New Jersey Association of Accident Reconstructionists (NJAARS)
- National Association for Automotive Service Excellence (ASE)
- National Association of Fire Investigators (NAFI)
- Society of Automotive Engineers (SAE)
- International Automotive Technicians Network (IATN)

Licenses

- Accreditation Commission for Traffic Accident Reconstruction (ACTAR) No. 1017 FAA Certified Drone Pilot
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