

DAVID A. NEAL

Accident Technician / Commercial Motor Vehicle Safety Analyst

Accident Technician | Commercial Motor Vehicle Safety

david.neal@kerleyreconstruction.com | www.kerleyreconstruction.com | Updated August 4, 2026

PROFESSIONAL PROFILE

Accident Technician and Commercial Motor Vehicle Safety Analyst with Kerley Reconstruction LLC supporting reconstruction analyses, commercial motor vehicle safety review, scene and vehicle evidence documentation, vehicle-data workflows, and technical case preparation. My background includes seven years investigating accidents in Arkansas law enforcement, Arkansas Highway Police service, and Federal Motor Carrier Safety Administration inspector certifications.

My experience includes more than 1,000 commercial motor vehicle inspections, hundreds of accident investigations, Title 49 regulatory compliance knowledge, state size-and-weight enforcement, and ten years of Army service operating commercial-style military vehicles and trailer configurations.

CORE EXPERTISE

- **Accident Reconstruction Support:** speed/time-distance support, human factors, EDR imaging support, damage profiles, lamp examinations, occupant kinematics, and video speed analysis
- **CMV Inspection & Regulatory Analysis:** 1,000+ CMV inspections, inspection documentation, regulatory conditions, vehicle/operator safety issues, and compliance-oriented case review
- **Military Vehicle Operations:** Army operation of commercial-style vehicles, HMMWVs, LMTVs/2.5-ton trucks, 44-passenger buses, and pintle, bumper, and gooseneck trailers
- **Commercial Motor Vehicle Safety:** FMCSA/Title 49 compliance, Level 1-5 inspections, HAZMAT inspections, state size-and-weight enforcement, and fleet safety review
- **Law Enforcement Collision Experience:** seven years of Arkansas law-enforcement accident investigation, traffic enforcement, incident documentation, and roadway evidence observation
- **Investigative Documentation:** evidence preservation, chain-of-custody practices, interviews, report writing, court preparation, and case-file organization

ACCREDITATION, CERTIFICATIONS, AND PROFESSIONAL AFFILIATIONS

Professional Affiliation	National Association of Professional Accident Reconstruction Specialists (NAPARS)
Commercial Motor Vehicle Safety	FMCSA Level 1-5 Certified Safety Inspector; FMCSA HAZMAT Certified Inspector; CFR Title 49 knowledge; state size-and-weight enforcement
Accident / Investigative Training	Response to MVA; SFST; Radar/Lidar; Reid; FTO; Arkansas CID Level 1; FBI ALERRT

PROFESSIONAL EXPERIENCE

KERLEY RECONSTRUCTION LLC

2025-Present

Accident Technician | Commercial Motor Vehicle Safety Analyst

- Support collision reconstruction and Commercial Motor Vehicle (CMV) safety analyses for legal and investigative matters involving fatal and serious-injury collisions, passenger vehicles, commercial vehicles, pedestrians, motorcycles, and bicycles.

- Apply Federal Motor Carrier Safety Administration (FMCSA) inspector training, Title 49 regulatory knowledge, and Arkansas Highway Police CMV enforcement experience to CMV collision investigations, inspection evaluations, and safety compliance reviews.
- Conduct and support CMV inspections and fleet safety audits. Evaluate regulatory compliance, inspection documentation, fleet safety practices, and corrective-action needs.
- Review commercial vehicle inspection findings and supporting records to identify safety concerns, documentation deficiencies, and matters requiring additional examination or compliance review.
- Assist reconstructionists with speed calculations, time-distance analyses, human factors evaluations, energy and damage analyses, lamp examinations, occupant kinematics, and video-based speed analysis.
- Assist with Event Data Recorder (EDR) imaging and electronic vehicle data retrieval. Prepare supporting technical documentation and organize retrieved data for reconstruction review.
- Prepare technical materials, evidence summaries, inspection notes, case records, and supporting exhibits for collision reconstruction, CMV safety analysis, report preparation, and case presentations.
- Communicate technical observations, commercial vehicle inspection findings, and safety compliance issues clearly to reconstructionists, attorneys, investigators, and other case participants.

ARKANSAS HIGHWAY POLICE

2023-2025

Commercial Motor Vehicle Safety Inspector | State Size and Weight Enforcement

- Enforced federal and state regulations governing commercial motor vehicles, including state size-and-weight requirements and safety-related regulatory requirements.
- Earned inspector certifications through the Federal Motor Carrier Safety Administration and performed Level 1-5 commercial motor vehicle inspections and HAZMAT inspections.
- Personally performed more than 1,000 commercial motor vehicle inspections, documenting vehicle, driver, inspection, and regulatory compliance conditions.
- Applied working knowledge of Code of Federal Regulations Title 49 to commercial motor vehicle safety, regulatory compliance, and roadside inspection matters.
- Contributed to roadway-safety enforcement and accident-investigation responsibilities involving commercial vehicles and other roadway users.

CRITTENDEN COUNTY SHERIFF'S OFFICE

2020-2023

Criminal Investigator

- Conducted criminal investigations involving serious offenses, including homicide-related matters, fraud, theft, and organized-crime inquiries.
- Collected, analyzed, and preserved evidence while maintaining chain-of-custody protocols for investigative and court-related use.
- Interviewed witnesses, victims, and suspects to gather critical information and develop accurate investigative chronologies.
- Coordinated with law-enforcement agencies, forensic personnel, and prosecutors to organize case materials and support prosecutorial review.
- Prepared detailed investigative reports and presented case findings in official proceedings with clear communication of facts and evidence.

WEST MEMPHIS POLICE DEPARTMENT

2017-2019

Patrol Officer

- Responded to and investigated a broad range of law-enforcement calls, including homicide-related calls, vehicular assault matters, domestic-violence calls, traffic incidents, and accident investigations.
- Documented roadway incidents, witness statements, scene observations, and evidence for official reports and follow-up investigative use.
- Applied patrol, traffic enforcement, radar/lidar, SFST, and collision-response training to public-safety and accident-investigation assignments.

UNITED STATES ARMY

2007-2017

Infantryman | Airborne | Drill Sergeant

- Served ten years in the United States Army, developing leadership, discipline, risk-management, documentation, and training experience applicable to investigative and technical case work.
- Operated military commercial-style vehicles including three-quarter-ton and one-ton trucks, High Mobility Multipurpose Wheeled Vehicles (HMMWVs), Light Medium Tactical Vehicles (LMTVs/2.5-ton trucks), and 44-passenger buses.
- Operated vehicle and trailer configurations involving pintle, bumper, and gooseneck hitches, supporting familiarity with vehicle handling, equipment, and operational considerations.
- Served as a Drill Sergeant with responsibility for training, supervising, and evaluating personnel in structured, safety-sensitive environments.

EDUCATION AND LAW ENFORCEMENT TRAINING

Arkansas State University Mid-South College West Memphis, AR	Associate of Applied Science (AAS), Business
Arkansas Law Enforcement Training Academy West Memphis, AR	February 2017 - June 2017
Arkansas Highway Police Recruit Training Academy	February 2023 - March 2023

RELEVANT TRAINING, CERTIFICATIONS, AND CONTINUING EDUCATION

Course / Certification	Course / Certification
Response to Motor Vehicle Accidents	FMCSA Level 1-5 Certified Safety Inspector
FMCSA Hazardous Materials (HAZMAT) Certified Inspector	Commercial Motor Vehicle Size and Weight Regulations Enforcement
Standardized Field Sobriety Tests (SFST)	Traffic Radar Operator
Traffic Lidar Operator	Reid Interview and Interrogation
Police Field Training Officer (FTO)	Arkansas Criminal Investigations Division Level 1 Certified
FBI Advanced Law Enforcement Rapid Response Training (ALERRT) Certified	