REBECCA F. JEWELL

Accident Reconstructionist

Accident Reconstruction | Serious Injury and Fatal Collisions | Traffic Investigations

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PROFESSIONAL PROFILE

Accident Reconstructionist with Kerley Reconstruction LLC in the Dothan, Alabama field office. Her law enforcement career spans more than 25 years and includes reconstruction of serious injury and fatal collisions for civil and criminal proceedings, traffic enforcement, patrol, narcotics investigations, and coordination with federal partners. She has completed more than 480 hours of specialized training in traffic law and enforcement, driving procedures, impaired-driving investigations, vehicular homicide, collision investigation, and reconstruction.

Ms. Jewell applies her investigative and reconstruction training to scene and vehicle evidence, collision sequences, speed and time-distance analysis, energy and damage assessment, lamp examinations, occupant kinematics, and pedestrian and bicycle collision matters. Her training includes Basic Traffic Homicide Investigation, Advanced Traffic Crash Investigation, Traffic Crash Reconstruction, Bosch Crash Data Retrieval technician coursework, and Occupant Kinematics for the Traffic Crash Reconstructionist.

CORE EXPERTISE

- **Collision Reconstruction:** scene evidence, vehicle damage, collision sequence, speed and time-distance analysis
- **Vehicle and Occupant Evidence:** damage and energy assessment, lamp examinations, occupant kinematics, CDR technician training
- **Impaired Driving and Narcotics:** DUI enforcement, narcotics investigations, undercover operations, coordination with federal partners
- **Serious Injury and Fatal Investigations:** traffic homicide investigation, roadway and vehicle documentation, case preparation
- **Pedestrian and Bicycle Collisions:** pedestrian and bicycle crash investigation and roadway evidence
- **Law Enforcement and Casework:** patrol, criminal investigations, investigative documentation, findings for civil and criminal proceedings

ACCREDITATION, CERTIFICATIONS, AND PROFESSIONAL AFFILIATIONS

Alabama Peace Officer Certification	Alabama Peace Officers' Standards and Training Commission (APOSTC) certification
Traffic Homicide Investigation	Basic Traffic Homicide Investigation, 2009
Collision Reconstruction	Traffic Crash Reconstruction, IPTM, 2011
Vehicle Data and Occupant Analysis	Crash Data Retrieval (CDR) Technician Course, 2009; Occupant Kinematics for the Traffic Crash Reconstructionist, 2018
Advanced Collision Investigation	Advanced Traffic Crash Investigation, Institute of Police Technology and Management (IPTM), 2011
Narcotics and Leadership	Undercover drug and narcotics investigation training; FBI-LEEDA Command, Executive, and Supervisor Leadership Institutes and Trilogy

PROFESSIONAL EXPERIENCE

KERLEY RECONSTRUCTION LLC — 2026–Present

Accident Reconstructionist | Dothan, Alabama Field Office

- Conduct collision reconstruction assignments involving serious injury and fatal crashes for legal and investigative matters, drawing on more than two decades of law enforcement and crash investigation experience.
- Review investigative records, scene photographs, measurements, vehicle damage, roadway evidence, witness information, and other case materials to evaluate collision sequence and contributing circumstances.
- Analyze speed and time-distance relationships, damage and energy evidence, and vehicle movements where the physical record supports those methods.

- Evaluate lamp evidence, occupant movement, and pedestrian or bicycle collision evidence when relevant to the assignment and supported by the available materials.
- Review Crash Data Retrieval reports in conjunction with physical evidence when vehicle electronic data is supplied; her CDR technician training supports this work.
- Document findings, calculations, evidence references, and analytical limitations in reports and technical materials for attorney and investigative review.

DOTHAN POLICE DEPARTMENT — Dec 2001–Nov 2026

Accident Reconstructionist | Narcotics Investigator | Patrol Officer

- Investigated and reconstructed traffic collisions involving serious physical injury or death for civil and criminal proceedings.
- Evaluated collision scenes and physical evidence and prepared investigative findings in matters requiring traffic crash reconstruction.
- Patrolled Dothan, Alabama; enforced traffic laws, responded to calls for service, and investigated criminal and traffic incidents.
- Conducted extended narcotics investigations, including undercover work and coordination with federal investigative partners.
- Completed specialized training in traffic homicide, advanced collision investigation, reconstruction, impaired driving, occupant kinematics, and related investigative methods.

OZARK POLICE DEPARTMENT — Oct 1998–Dec 2001

Patrol Officer | Bicycle Patrol

- Patrolled assigned areas, responded to calls for service, and carried out law enforcement duties.
- Performed bicycle patrol assignments and supported community safety and police response.

DALEVILLE POLICE DEPARTMENT — Aug 1998–Oct 1998

Emergency Medical Dispatcher

- Answered emergency and nonemergency calls, assessed requested assistance, and dispatched appropriate resources.

EDUCATION

Enterprise State Community College | Enterprise, Alabama	Associate of Arts, Criminal Justice

LAW ENFORCEMENT TRAINING ACADEMIES

Association of Public -Safety Communications Officials	April 2000
Southwest Alabama Police Academy	September 2000 – December 2000

RELEVANT TRAINING, CERTIFICATIONS, AND CONTINUING EDUCATION

Course / Certification	Date
Emergency Medical Dispatch	April 2000
APOSTC certification	December 12, 2000
Clandestine Laboratory Safety	June 20, 2001
Officer Survival	July 10, 2001
Driver Training Skid Car System	April 2, 2001
Basic Mountain Bike Officer	October 26, 2001
Conducting Undercover Drug/Narcotic Investigations	March 9, 2006
Alabama Narcotics Officer Association Conference	March 31, 2006
Hazardous Materials Awareness and Operations	November 21, 2008
Hazardous Materials Technician	March 3, 2009
Basic Traffic Homicide Investigation	May 9, 2009

Course / Certification	Date
Crash Data Retrieval (CDR) Technician Course	July 17, 2009
Pedestrian/Bicycle Crash Investigation	October 1, 2010
Advanced Traffic Crash Investigations	April 22, 2011
Traffic Crash Reconstruction	October 21, 2011
Law Enforcement Fitness Specialist	April 26, 2013
Occupant Kinematics for the Traffic Crash Reconstructionist	March 2, 2018
FBI - LEEDA Command Leadership Institute	December 15, 2023
FBI - LEEDA Executive Leadership Institute	June 7, 2024
FBI - LEEDA Supervisor Leadership Institute	July 26, 2024
FBI - LEEDA Trilogy	July 26, 2024

AWARDS AND RECOGNITION

Award / Recognition	Date
Law Enforcement Officer of the Year	2015
Supervisor of the Year	2022