

EDUCATION

Bachelor of Mechanical
Engineering, Florida
Atlantic University

REGISTRATIONS

Professional Engineer
in FL, #71455

Professional Engineer
in GA, #045621

Certified Fire and Explosion
Investigator, #14036-7503v

Accredited Traffic Accident
Reconstructionist
(ACTAR), #2052

Certified XL Tribometrist,
#1606607

Diplomat of Forensic
Engineering-NAFE

FDOT MOT 85642

COURT QUALIFICATIONS

Mr. Marajh has offered
sworn testimony by way
of deposition and trial.

AFFILIATIONS

ASTM International

National Association of
Fire Investigators (NAFI)

Illuminating Engineering
Society (IES)

National Academy of
Forensic Engineers (NAFE)

National Fire Protection
Agency (NFPA)

KEVIN MARAJH, PE, ACTAR, CXLT, CFEI CVFI, HAAG HCI, DFE MECHANICAL ENGINEER

As a professional engineer, Mr. Marajh applies the principles of design, analysis, testing, and safety to forensic evaluations involving accident investigation and reconstruction. His professional background includes advisory and hands-on positions in the automotive, heavy equipment and consulting industries.

Mr. Marajh has been involved in product defect cases involving a wide range of consumer and industrial products. He has received specialized training in traffic accident reconstruction and traffic collision investigation. His training also includes preserving and analyzing electronic data stored in vehicles such as airbag modules and engine control modules. He conducts vehicle accident, fire cause and origin, premises liability, and mechanical component investigations for clients throughout the United States and the Caribbean. He has investigated and reconstructed incidents involving commercial vehicles, passenger vehicles, agricultural equipment, motorcycles, bicycles, personal mobility devices, pedestrians, ladders, construction hoists, slip and falls, structure, vehicle and marine fires. He is Maintenance of Traffic (MOT) certified. Mr. Marajh offers Rapid Response evidence preservation program for vehicle accidents, fire events, and premises cases.

His services include:

- Forensic engineering services related to vehicle accident reconstruction (cars, trucks, commercial vehicles, bicycles, and multiple-vehicle collisions)
- On-site vehicular accident documentation and reconstruction
- Mechanical equipment assessments in industrial/commercial facilities
- Policy and procedure recommendations for OSHA compliant workspace
- Failure analysis on fastener systems and consumer products
- Industrial/commercial site assessments for useful life estimates and rehabilitation costs
- ADA and applicable building codes, slip/trip and falls and coefficient of friction testing help identify non-compliant surfaces and potential liability
- Photometric and acoustical mapping surveys
- Routine and repair maintenance on the full line of Caterpillar Heavy Equipment, quality inspections, and technical reports addressing modes of failure
- Ladder and mechanical hoist systems evaluations
- Best practice guideline development for retail and general industry
- Fire cause and origin investigations involving vehicles, commercial equipment, buildings, marine vessels and battery powered devices

PROFESSIONAL DEVELOPMENT

- SAE Tire Forensic Analysis
- SAE Applying EDR Data to Accident Reconstruction
- Crash Data Retrieval (CDR) Technician Level 1 and 2
- Institute of Police Technology and Management (IPTM) Motorcycle Crash Investigation
- CDR Users Conference, Houston, TX
- US EPA Mold Course

Kimley»Horn

PROFESSIONAL EXPERIENCE

Forensic Project Manager,
Kimley-Horn and Associates,
Inc., Jacksonville, FL,
2012 – Present

Vice President, Forensic
Solutions, LLC, Palm Beach
Gardens, FL, 2010 – 2012

Forensic Mechanical
Engineer, Kimley-Horn and
Associates, Inc., West Palm
Beach, FL, 2005 – 2010

Warranty Claims Technician,
Kelly Tractor Company,
Miami, FL, 2003

Quality Control Engineer,
Autohaus Mercedes
Benz, Pompano Beach,
FL, 1997 – 1999

AWARDS

Award for Technical and
Academic Excellence from BMW

EPA Clean Air Award

KEVIN MARAJH, PE, ACTAR, CXLT, CFEI CVFI, HAAG HCI, DFE (CONTINUED) MECHANICAL ENGINEER

PROFESSIONAL DEVELOPMENT (CONTINUED)

- International Fire, Arson, and Explosion Investigation Conference, National Association of Fire Investigators
- IPTM Commercial Vehicle Crash Investigation
- Vehicle Accident and Reconstruction Methods, Society of Automotive Engineers
- IPTM At-Scene Traffic Crash/Traffic Homicide Investigation Certificate
- CXLT Training and Certification
- NAFI Certified Vehicle Fire Training
- Heavy Vehicle Event Data Recorder (HVEDR) use in Traffic Crash Investigation
- Low Light & Night-Time Photography, West Palm Beach, FL
- Symposium on Traffic Safety, Institute of Police Technology and Management (IPTM) 2019, Orlando, FL
 - + Tesla EDR Case Study
 - + Integrating Aerial and Terrestrial Scan Data
 - + Crash Reconstruction and the highly Automated Vehicle
 - + Video Analysis in Crash Reconstruction
 - + EDR Data and Video Images-Synchronization and Analysis
 - + Inline Collisions solved using Simultaneous Equations
 - + Call Phone Call and Tower Mapping in Crash Investigations
 - + Vehicle System Forensics in Crash Reconstruction
 - + Bosch EDR Update
- World Reconstruction Exposition (WREX) 2016, 2023, Multiple Providers, Orlando, FL
 - + Crash Testing, Infotainment Data Collection and Survivability
 - + Vehicle Velocity Extraction from Witness Video
 - + Motorcycle and Speed Estimation Methods
 - + Air Disc Brakes
 - + Highway Loss Data Institute (HLDI)
 - + EDR Data Survivability
 - + Driver Response Depends Upon Information Content
 - + Motorcycle Collision Reconstruction
 - + Crash Data Retrieval Update
 - + Digital Forensics and Heavy Vehicle Post Crash Inspections
 - + EDR Anomalies and Limitations
 - + Human Factors – the Anatomical Blind Spot
- American Ladder Institute: Single, Extension, Mobile, Articulated and Step Ladder Safety Training
- OSHA General Industry 30 HR Certificate
- Mobile Elevating Work Platform (MEWP) and Scissor Lift Certification
- Industrial Powered Truck (Forklift) certification