# RICHARD M. MOORE
CRASH RECONSTRUCTION EXPERT

## FORMAL EDUCATION

- Bachelor of Science Degree, University of Texas Permian Basin, 2012
    - Major – Information Systems
    - Minor – Business Management
    - Summa Cum Laude Honors
- Associate of Science Degree in Criminal Justice, Midland College, 1999

## PROFESSIONAL CERTIFICATIONS AND LICENSES (Past and Present)

- Accredited Traffic Accident Reconstructionist, Accreditation Commission for Traffic Accident Reconstruction (ACTAR) #2876 (2015 – current)
- FAA sUAS Part 107 (drone) Commercial Pilot
- TxDPS Private Investigator Manager's License #A09393301
- Master Peace Officer – Texas Commission on Law Enforcement (TCOLE) (2012)
- Instructor – TCOLE (2003)
- Firearms Instructor – TCOLE (2003)
- HGN/SFST Practitioner – TCOLE/TEEX (2001)
- Intoxilyzer Operator – TCOLE (2007-2014)

## EXPERIENCE

| | |
|---|---|
| 2020 – Present | Crash Reconstruction Expert, Kittelson LLC |
| 2018 – 2020 | Owner and Principal Analyst of Forensic Collision Investigation, LLC |
| 2010 – 2020 | Midland Police Department, Traffic Division |

- Motor vehicle crash investigation
- Traffic enforcement
- Lead investigator and instructor for the department
- On-call investigator and/or supervisor for fatal crashes in Midland
- Criminal case compilation and presentation to District Attorney or Grand Jury for prosecution
- Expert witness testimony in crash investigation and reconstruction in Municipal, District, and Civil courts

| | |
|---|---|
| 2000 – 2010 | Midland Police Department, Patrol Division |

- General police services including criminal investigations ranging from homicides to low-level misdemeanor offenses; conducting interviews with victims, witnesses, and suspects; filing case reports in a timely, professional manner.

## FORMAL TRAINING

- Virtual Crash v5 Simulation and Software Training. Gainesville FL, July 13-15, 2021. (24 hours)
- Advanced Reconstruction with CDR Applications by C.G. Russell. Oklahoma City OK, May 17-21, 2021 (40 hours)
- Tire Forensics presented by TJ Tennett. Chattanooga TN, March 24-26, 2021 (24 hours)
- TAARS 2020 online conference – Low light visibility topics presented by Jeff Suway, October 21-23, 2020 (15 hours)
- NAPARS 2020 online conference – various short topics, October 5-13, 2020 (14 hours)
- Pix4D for Crash Reconstruction – Accident Analysis & Reconstruction, Midland TX, September 2020 (40 hours)
- Heavy Vehicle Event Data Recorder Technician and Analyst – Forensic Training Group, Boise ID, August 2020 (40 hours)
- IDRR Update and User Conference – Crash Safety Solutions, Las Vegas NV, February 2020 (24 hours)
- Heavy Vehicle Event Data Recorder training – TAARS convention, Round Rock TX, April 2019 (24 hours)
- FARO scanner certification including ScanPlan and Scene software – FARO Technologies, Midland TX, May 2019 (40 hours)
- Human Factors in Traffic Crashes and Analysis of Driver's Response – Crash Safety Solutions, Grapevine TX, December 2018 (40 hours)
- EDR Update – TAARS, Round Rock TX, October 2018 (24 hours)
- Forensic mapping and Faro Zone 3D – Crash Dynamics, Midland TX September 2018 (40 hours)
- Crash Data Retrieval Data Analyst – Collision Safety Institute, Florence TX, August 2018 (40 hours)
- IPTM Symposium on Traffic Safety – Orlando FL, May 2018 (32 hours)
- Motorcycle crash reconstruction – IPTM, Jacksonville FL, Feb 2018 (40 hours)
- Basic Forensic Photography – Crash Dynamics, January 2017 (24 hours)
- CRUSH Energy Applications - Crash Dynamics, Hurst Police Department Hurst, TX, March 2015 (40 hours)
- Commercial Motor Vehicle Crash Reconstruction - Crash Dynamics, Euless Police Department Euless TX, May 2014 (40 hours)
- Event Data Recorder (EDR) Applications - Crash Dynamics, Mansfield Police Department, Mansfield TX, February 2014 (40 hours)
- Scientific Collision Reconstruction - Complete Accident Reconstruction Service Inc., PBLEA Midland, TX, February 2014 (80 hours)
- Master RADAR/LIDAR Instructor - Speed Measurement Laboratories, Ft Worth Police Department, Ft. Worth, TX, March 2012 (24 hours)
- Vista FX3 Suite, 2D/3D Computer Diagramming, Animations, Photogrammetry, & Simulations - Visual Statement, PBLEA Midland, TX, December 2010 (40 hours)
- Scientific Collision Investigation - United Transportation Training Inc., PBLEA Midland, TX, January 2009 (80 hours)
- Permian Basin Law Enforcement Academy (PBLEA) (including traffic law and basic crash investigation) 2000 (18 weeks)

## INSTRUCTOR EXPERIENCE

- Permian Basin Law Enforcement Academy
  - Traffic Law Instructor, 2012 – 2020
  - Crash Investigation Instructor, 2010 – 2013
  - Intermediate Use of Force Instructor, 2003 – 2012
  - Firearms Instructor, 2003 – 2020

- Midland Police Department
  - TxDOT CRASH System Trainer and Agency Authorization Manager
  - Field Training Officer
  - RADAR/LIDAR Master Instructor

## PROFESSIONAL ORGANIZATIONS

- Texas Association of Accident Reconstruction Specialists (TAARS) – Board of Directors
- National Association of Professional Accident Reconstruction Specialists (NAPARS)
- Society of Automotive Engineers (SAE) – Associate
- INCR – International Network of Collision Reconstructionists
- IASIU – International Association of Special Investigative Units (Insurance Investigations)