

Mr. Stewart specializes in product failure analysis and the reconstruction of traffic accidents involving trucks, buses, automobiles, motorcycles, bicycles, and pedestrians. He received a Bachelor of Aerospace Engineering from Auburn University in 1994 and is a registered Professional Engineer in the states of Florida and Georgia. Mr. Stewart has over 20 years of experience in engineering consulting and traffic accident reconstruction. He is a Board-Certified Diplomate in Forensic Engineering by the National Academy of Forensic Engineers and an ACTAR Certified Traffic Accident Reconstructionist. Mr. Stewart has testified in cases venued in both state and federal court. Mr. Stewart employs leading edge technologies in the preservation of evidence and the reconstruction of accidents.

Licensure and Certification

- Licensed Professional Engineer in Florida, #68183 and Georgia, #PE040603
- Board Certified Diplomate in Forensic Engineering by NAFE, Senior Member, #783
- ACTAR Accredited Traffic Accident Reconstruction, #1483
- Certified Fire and Explosion Investigator, National Association of Fire Investigators, #7033
- Certified Vehicle Fire Investigator, National Association of Fire Investigators #7033V
- Certified Vehicle Fire, Arson & Explosion Investigator, National Association of Fire Investigators, #7033V
- Certified Crash Data Retrieval System Operator
- Certified XL Tribometrist (CXLT)
- Certified Aerial Work Platform Operator, Sunbelt Rentals, 2019

Formal Education

- Bachelor of Aerospace Engineering, Auburn University, 1994

Professional Development

- Analyzer Fundamentals, JLG Industries, 2019
- JLG Basic Electrical, JLG Industries, 2019
- Boom Lift Service Training, JLG Industries, 2019
- Forensic Engineering and Analytical Techniques, NAFE Winter Annual Meeting, 2019, 2016
- Advanced Vehicle Fire, Arson and Explosion Investigation Training Program, National Association of Fire Investigators, 2018
- Investigation of Motorcycle Crashes, Institute of Police Technology and Management, 2017
- World Reconstruction Exposition, Orlando, FL, 2016
- Crash Data Retrieval User's Summit, Collision Safety Institute, Inc, 2016
- EdgeFX – 3D Accident Reconstruction Animation Software, Visual Statement, 2014
- Applying Automotive EDR Data to Traffic Crash Reconstruction, SAE International, 2014
- Accessing and Interpreting Heavy Vehicle Event Data Recorders, SAE International, 2013
- Advanced Vehicle Fire, Arson and Explosion Investigation Training Program, National Association of Fire Investigators, 2013
- Heavy Vehicle Event Data Recorders, 2013
- Advanced Crash Reconstruction Utilizing Human Factors Research, Northwestern University, 2012
- FARO 3D Laser Scanner Training, FARO, 2011
- Special Problems in Traffic Crash Reconstruction, Institute of Police Technology and Management, 2011

- Crash Data Retrieval Update, Institute of Police Technology and Management, 2010
- Heavy Truck ECM, Institute of Police Technology and Management, 2010
- Special Problems in Traffic Crash Reconstruction, Institute of Police Technology and Management, 2010
- Human Factors for Accident Reconstruction, 2010
- Advanced Fire, Arson, and Explosion Investigation Training Program, National Association of Fire Investigators, 2008
- Southeastern Collision Reconstruction Conference, 2008
- Inspection and Investigation of Commercial Vehicle Crashes, Institute of Police Technology and Management, 2006
- PC Crash 6.2, MacInnis Engineering Associated Ltd., 2005
- Pro/Engineer Wildfire 2.0, Enser Corporation, 2005
- PhotoModeler Pro 5 Training for Collision Investigation, DMC Technical Services, 2005
- Analysis of Collisions Involving Pedestrians or Bicyclists, Collision Safety Institute, Inc., 2004
- Traffic Accident Reconstruction, Northwestern University, 2004
- Crash Data Retrieval System Operator, Collision Safety Institute, Inc., 2003

Professional Affiliations

- National Academy of Forensic Engineers, Senior Member (2011 – present)
- Human Factors and Ergonomics Society, Member (2017 – present)
- National Council of Examiners for Engineering and Surveying (NCEES), Mechanical PE test preparation committee (2008 – present)
- Society of Automotive Engineers (SAE), Member (2003 – present)
- American Society of Mechanical Engineers (ASME), Member (2003 – present)
- American Society for Testing and Materials (ASTM), Member (2009 – present)
- National Association of Professional Accident Reconstruction Specialists (NAPARS), Member (2004 – present)
- International Code Council, Professional Member (2010 – present)
- National Society of Professional Engineers, Member (2010 – present)
- National Association of Fire Investigators (NAFI), Member (2005 – present)
- Accident Reconstruction Network (ARC Network,) Member

Professional Experience

- Project Manager, Forensic Engineering Technologies, LLC, Lake Mary, FL, 2009 - present
- Project Manager/Forensic Analyst, Kimley-Horn and Associates, Inc., Orlando, FL, 2008 – 2009
- Engineer/Accident Reconstructionist, BEC Consulting, LLC, Tallahassee, FL, 2003 – 2008
- Engineering Drafting Department Manager, Quincy Joist Company, Quincy, FL, 1999 – 2003
- Sales Consultant, Capital Eurocars, Tallahassee, FL, 1997 – 1999
- Sales Consultant, Courtesy Volvo, Tallahassee, FL, 1996 – 1997
- Sales Consultant, Hayes Hyundai, Harvey Toyota, Shreveport, LA, 1995 – 1996

Presentations & Publications

- “Vehicle to Ground Impact Velocities During a Rollover Event,” presented at the Southeastern Collision Reconstruction Conference, Atlanta, GA, July 2008