

Curriculum Vitae

**Andrew A. May**  
Forensic Consultant



## Professional Profile

Mr. May is a Forensic Consultant with extensive experience, education, and training in the fields of Accident Reconstruction and Mechanical Engineering. He has over 17 years of experience with reconstructing collision events using advanced engineering methodologies, as well as over a decade in Mechanical Engineering design, development, and manufacturing roles. As an Adjunct Professor for 12 years, Mr. May led numerous university-level Mechanical Engineering research and design projects focused on innovation and production of mechanical engineering concepts.

At Focus Forensics, Mr. May conducts investigations and analyses of collision events, including factors related to vehicles, drivers, and roadway environments. He applies his broad and deep mechanical engineering experience to the data collection, modeling, and analytical understanding of dynamic vehicular incidents. His practice includes the evaluation of issues related to all types of transportation users, including automobiles, pedestrians, bicycles, motorcycles, commercial vehicles, transit, highway-rail grade crossings, and work zone temporary traffic control.

His role includes field investigations, data collection, vehicle and scene documentation, electronic data retrieval, and inspections of vehicular and roadway systems. Mr. May utilizes cutting edge technology to capture evidence and preserve electronic information, including FARO 3D laser scanning, Total Station laser mapping, Bosch CDR vehicle download system, commercial vehicle Engine Control Module (ECM) data extraction systems, unmanned aerial vehicle (UAV) mapping and imagery, speedometer inspection, forensic photography, photogrammetry, and traffic signal data documentation. He is skilled in forensic diagramming and 3-D modeling for the analysis and demonstrative visual communication of engineering concepts.

## Contact Information

Cell: (801) 889-0890  
Andy@focusforensics.com

### Salt Lake Office

51 West Center Street, Suite #317  
Orem, UT 84057

## Education

Brigham Young University  
*Provo, Utah*  
B.S. in Mechanical Engineering

## Work Experience

Focus Forensics, LLC  
Consultant: 2018-Present

IMSAR, LLC  
Director of Programs: 2015-2018  
Program Manager: 2012-2015  
Director of Manufacturing: 2011-2013

CompleteSpeech  
Director of Product Development:  
2006-2011

Brigham Young University  
Mechanical Engineering Department  
Adjunct Professor: 1996-2008

Collision Safety Engineering  
Forensic Consultant: 1990-2006



## Licensure and Professional Certification

Remote Pilot – Small Unmanned Aircraft System  
*Federal Aviation Administration*

## Professional Development

### Department of Public Safety, State of Utah

- Utah’s Child Passenger Safety Technical Training Course, May 2000

### HVE

- Training Seminar

### Light Point Scientific, LLC

- Motorcycle Collision Reconstruction, 2018
- Advanced Photogrammetry for Collision Reconstruction, 2019

### PC-Crash

- PC-Crash and PC-Rect Training Workshop, June 2000

### Society of Automotive Engineers (SAE)

- Vehicle Crash Reconstruction: Principles and Technology, August 2019
- Accident Reconstruction, The Autonomous Vehicle and ADAS, 2020

## Technical Reports and Publications

“Physical Evidence Analysis and Roll Velocity Effects in Rollover Accident Reconstruction”, SAE World Congress, 2001

## Seminar and Course Presentations

“Physical Evidence Analysis and Roll Velocity Effects in Rollover Accident Reconstruction” *SAE World Congress*, 2001