



Curriculum Vitae

Reed Rabideau
Forensic Consultant



Professional Profile

Mr. Rabideau is a Forensic Consultant with Focus Forensics LLC, specializing in field investigations, data collection, vehicle and scene documentation, electronic data retrieval, and inspections of vehicular and roadway systems. Mr. Rabideau is a degreed Mechanical Engineer with 4 years of experience at engineering design firms preparing plans and conducting inspections of a wide variety of infrastructure. He has an extensive background in photography, vehicle dynamics, mechanical systems, and automotive engineering, including hand-on applications as an amateur race car driver and mechanic.

Mr. Rabideau 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. Mr. Rabideau has been trained in the identification and documentation of evidence related to all forms of transportation, including motor vehicles, tractor-trailers, work equipment, motorcycle, bicycles, pedestrians, and other modes of travel. He has experience in gathering and researching roadway related data such as traffic control devices, highway construction work zones, and roadside safety projects. He also incorporates the latest developments in engineering software, modeling, physics calculation methods, and rigorous analytical tools for evaluation of a wide variety of collision scenarios.

Licensure and Professional Certification

Certified Bosch Crash Data Retrieval (CDR) Technician

Remote Pilot – Small Unmanned Aircraft System
Federal Aviation Administration

MINNEAPOLIS
ORLANDO
SALT LAKE CITY
TALLAHASSEE
TAMPA
WEST PALM BEACH

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West Palm Beach Office

2656 Greenway Drive
Jupiter, FL 33458

Education

Bachelor of Science Mechanical
Engineering
Clemson University
Clemson, South Carolina

Work Experience

Focus Forensics, LLC
Consultant: 2024-Present

Auto, Architecture, and Events
Photographer: 2023-2024

Tower Engineering Professionals
Telecom Engineering Associate:
2022-2023

Freelance Tennis Professional
Teacher: 2021-2022

Kimley-Horn and Associates
Civil Engineer Analyst: 2019-2021



Other Certifications

OSHA 30-hour Construction
Certified SolidWorks Mechanical Associates

Other Certifications

Eagle Scout – Boy Scouts of America

Professional Development

Drone Launch Academy

- FAA Part 107 Remote Pilot Exam Prep Course, 2024

Focus Forensics, LLC

- Transportation Engineering and Accident Reconstruction Insights, 2025
 - EDR Extraction and Analysis Methods for Video Radar Decision Units (VRDU)
 - Acquisition and Analysis Methods for Temporary Roadway Conditions
 - LIDAR Scanning and Data Processing
 - Air Brake Testing Standards and Techniques
 - Heavy Vehicle EDR Extraction and Analysis Methods
 - Drone Mapping Techniques and Processing
 - Data Processing and Analysis with Cloud Compare
 - Photogrammetry Software Methods and Techniques
 - Technology for Capturing Photo/ Video Demonstratives of Available Driver Views
 - Telemetry Overlay Software Techniques and Processing
 - VCrash Animations and Simulations for Pedestrian and Bicycle Collisions
 - Monte Carlo Statistical Analysis for Uncertainty Ranges
 - Human Factors Analysis of Road User Detection and Response

- Transportation Engineering Design and Limitations for Micromobility Vehicles on Sidewalks
- EDR Vehicle Yaw and Steering Data Simulation, Analysis and Modeling
- Contextual Evaluation of Slow-Moving Lead Vehicle Scenarios and Looming Calculations
- Comprehensive Context Points for Collision Reconstructions

Recon-3D Training (R3D)

- Recon-3D Training Course, 2025

SAE International

- Fundamentals of Automotive All-Wheel Drive System, 2024
- Introduction to Brake Control Systems: ABS, TCS, and ESC, 2024
- Applying Automotive EDR Data to Traffic Crash Reconstruction, 2024
- Driver Distraction from Electronic Devices: Insights and Implications, 2025
- Applied Vehicle Dynamics, 2025