



Curriculum Vitae

Tyler S. Munson



Professional Profile

Mr. Munson is a consultant with over 20 years of experience and training in the investigation and analysis of vehicle collisions and other transportation safety related incidents. He has completed field investigations and vehicle inspections throughout the United States and in several international locations. He has inspected, analyzed, and reconstructed hundreds of collision and rollover accidents involving commercial trucks, buses, motorcycles, and passenger vehicles.

Mr. Munson utilizes the latest technology to collect and preserve physical evidence and electronic data. He has extensive experience in passenger vehicle electronic data retrieval systems including Bosch CDR, Hyundai (EDR), Kia (EDR), Tesla and Toyota Techstream; commercial vehicle Engine Control Module (ECM) data extraction systems, 3D laser scanning, handheld LiDAR scanning, total station laser mapping, small Unmanned Aircraft Systems (UAS) 3D mapping, 3D modeling, forensic photography, photogrammetry, video analysis, and visual demonstratives using proven scientific methodologies and advanced technology.

Licensure and Professional Certification

Remote Pilot – Small Unmanned Aircraft System
Federal Aviation Administration

MINNEAPOLIS
ORLANDO
SALT LAKE CITY
TALLAHASSEE
TAMPA
WEST PALM BEACH

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Contact Information

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Salt Lake City Office

51 West Center Street, Suite 317
Orem, UT 84057

Education

Bachelor of Arts in Mathematics
Brigham Young University
Provo, Utah

Data Analytics Professional Program
Utah Valley University
Orem, Utah

Work Experience

Focus Forensics, LLC
Consultant: 2022-Present

Collision Safety Engineering
Associate: 2011-2022

Germane Engineering
Associate: 2000-2011

Benson Engineering
Technician: 1998-2000



Publications

Germane, G.J., Munson, T.S., Munson, K.C., "Side Impact Motor Vehicle Structural Characteristics from Crash Tests," *Society of Automotive Engineers* 2003-01-0495. 2003

Professional Development

Focus Forensics, LLC

- Transportation Engineering and Accident Reconstruction Insights, 2024
 - Human Factors for Driver Response
 - Traffic Signal Design and Operation
 - Transportation Engineering Sight Distance Standards
 - Automotive Mechanical Systems and Data Acquisition
 - Photogrammetric Methods
 - Video Analysis with Telemetry Data
 - LIDAR Scanning and Data Processing
 - Virtual Crash Applications for Simulation and Animation
 - PC Crash Applications for Steering and Yaw Rate
 - Expert Testimony Regulations and Standards
 - Commercial Vehicle EDR Data Extraction and Analysis
 - Vehicle EDR Systems for Toyota and General Motors

Society of Automotive Engineers (SAE)

- Accessing and Interpreting Heavy Vehicle Event Data Recorders, 2023
- Advanced Applications of Heavy Vehicle EDR Data, 2023

World Reconstruction Exposition (WREX)

- World Reconstruction Exposition (WREX), 2023