

**William F. Messerschmidt**  
**Principal Technical Analyst, MSC**

<http://mscrecon.com/>

Bill Messerschmidt began his career investigating vehicle crashes and mishaps as a police officer in Auburn, AL. While there, he completed training in Traffic Homicide Investigations, Advanced Accident Investigations, and Accident Reconstruction. Bill Messerschmidt was a member of the APD's Accident Investigation Unit and assisted with teaching Accident Investigations at The Alabama Police Academy in Selma, Alabama.



In 2003, Bill began work as a consultant in accident investigation and reconstruction. Between 2003 and 2006, Bill took part in the investigation and reconstruction of hundreds of vehicle crashes and traffic accidents.

In 2006, Bill founded Messerschmidt Safety Consultants (MSC) with the purpose of applying scientific principles to mishap prevention and forensic accident investigations. Bill, an Auburn University alumnus, has investigated and reconstructed crashes in AL, MS, TN, GA, and across the US (from New York City, NY, to Los Angeles, CA).

In order to analyze and reconstruct crashes thoroughly, Bill Messerschmidt has devoted much time to the study of Human Factors Psychology, particularly in the area of driver response time and driver decision-making. Bill has taken academic courses related to perception and cognition through The University of Alabama at Birmingham (UAB), and human factors and engineering psychology coursework through the University of Idaho. He has received training in night visibility studies through Michigan State University and training in human factors from the University of North Florida. Messerschmidt has co-authored peer-reviewed research on driver response time with Jeffery Muttart. In addition, he has authored and coauthored six research papers on EDR (black box) technology, as well as *The ECM Field Guide*, which he co-authored with Tim Austin of the Wisconsin State Patrol. Bill's EDR research has been published in *Collision Magazine*, as SAE Technical Papers, and in the *SAE International Journal of Commercial Vehicles*.

Bill Messerschmidt is widely recognized as one of the nation's top experts in the forensic analysis of data from Event Data Recorders (EDR) in heavy trucks and Commercial Motor Vehicles. He developed and co-teaches *How to Interpret Commercial Vehicle Event Data Recorders (EDRs)* through The University of Tulsa, and he has been an invited speaker across the United States on the subject of "Black Box" or EDR data.

[Send Bill Messerschmidt an email.](#)