

CURRICULUM-VITAE

Andrew Jones Mask
5746 Richmond Avenue
Dallas, Texas 75206
(214) 320-8686

EDUCATION

Texas A&M University: Commerce, Texas

Bachelor of Business Administration, December 1989

Texas A&M University: College Station, Texas

Biomechanics for Collision Reconstruction, February 1998

Low Speed Collision Analysis, April 1998

Pedestrian and Bicyclist Crash Tests, April 1998

Collision Reconstruction, July 1998

National Highway Traffic Safety Administration (U.S. DOT)

Accident and Scene Investigation, April 1992

Crush Analysis and Collision Deformation Classification, June 1992

Advanced Accident and Scene Investigations, August 1992

Computerized Reconstructions, November 1993

Occupant Kinematics and Injury Mechanisms, December 1994

Pedestrian Impact Analysis, May 1995

Air Bag and Restraint Systems Analysis, November 1995

Electronic Data Collection for Accident Reconstruction, September 1996

Digital Imaging for Scenes and Vehicles, September 1996

Child Safety Seat Evaluation, November 2001

Advanced Air Bag Systems, November 2001

Event Data Recorder Analysis, November 2001

Texas Association of Accident Reconstruction Specialists

Cummins, Caterpillar and Detroit Diesel/Mercedes Electronic Control Module

Capabilities and Resources Course, June 2005

Collision Safety Institute

Crash Data Retrieval System Technician Certification Course, April 2006

Crash Data Retrieval System Analyst Certification Course, April 2006

EXPERIENCE

Current:

Accident Reconstructionist: Scientific Analysis, Inc.

Traffic accident investigation and reconstruction of passenger and commercial vehicles. Survey and document scene evidence and roadway characteristics. Vehicle crush deformation analysis. Deposition and trial testimony.

*September 1996 to
2004*

Team Leader: National Highway Traffic Safety Administration

Principal investigator for federally sponsored National Automotive Sampling System (NASS) crash investigation team. Collect detailed data on crash performance of minor, serious and fatal crashes involving passenger vehicles. Perform vehicle structural deformation documentation along with crush profiles for computerized reconstructions. Analyze Event Data Recorder information. Document interior injury mechanisms and intrusions along with restraint system evaluation. Determine occupant kinematics. Identify and document scene evidence and roadway characteristics. Prepare scaled diagrams for analysis. Interview driver and occupants to determine avoidance, causation and injuries. Train and supervise research associates. Involved in the reconstruction, investigation and review of over 1500 traffic crashes since 1991.

*December 1991 to
September 1996*

Research Associate: National Highway Traffic Safety Administration

Safety investigation and reconstruction for the National Automotive Sampling System (NASS). Performed investigations on vehicle to vehicle, vehicle to object (yielding and non-yielding), multiple vehicle, vehicle to heavy truck, vehicle to motorcycle and vehicle to pedestrian crashes. Crash types included head on, rear end, rollovers and various angle configurations. Submitted cases included digital images, scaled diagrams, crush profiles, interior restraint documentation, driver statements, injury information and crash summary reports.