

GREG A. SULLENBERGER

ACCREDITED ACCIDENT RECONSTRUCTIONIST #677

CURRICULUM VITAE

SPECIALIZED EXPERIENCE

- Airbag module (black box) download certified
- Seat belt usage analyses
- Driver identity analysis (who was driving?)
- Dynamic analysis of tractor/trailer accidents
- Accident reconstruction cases involving occupant positioning, speed determination, time/distance studies, point of impact placement and computer-aided reconstruction, lamp analysis
- Accident investigations involving witness interviews, accident scene investigations, and vehicle examinations
- Vehicular accident causes relating to mechanical malfunctions
- Pedestrian collision analysis
- Motorcycle collision analysis
- Computer simulation and animation of motor vehicle accidents
- 2D and 3D animation of car accident
- Analysis of low-velocity impacts
- Completed over 150 accident reconstructions since 1994
- Consulted on or assisted with over 300 reconstructions since 1994

EXPERT WITNESS EXPERIENCE

- Qualified expert in numerous county courts and in USDC Eastern District in Pennsylvania and in Pochahontas County Court in West Virginia

- Evidence given on the following issues: seat belt usage, low-speed impact analysis, driver ID, point of impact placement, vehicle speed, truck tractor speed, time/distance analysis, impact speed analysis, sight distance, CDR (black box) download, etc.

ACADEMIC BACKGROUND

- Various seminars and lectures including guest speaking invitations
- Pennsylvania State Police, On Scene Accident Investigation, January 1990
- Pennsylvania State Police, Advanced Accident Investigation, February 1994
- Institute of Police Training and Management, University of North Florida, Traffic Accident Reconstruction, November 1994
- Pennsylvania Department of Education, Motorcycle Accident Investigation, March 1995
- Pennsylvania Department of Education, Commercial Vehicle Rollover, October 1995
- Successfully completed the examination for the Accreditation Commission for Accident Reconstruction , an 8 hour exam designed to qualify experienced accident reconstructionists on an international basis. This commission is sponsored by all the professional accident reconstruction organizations in North America. This exam was written October 1995. Mr. Sullenberger was the 677 accident reconstructionist in the world to have passed this examination.
- Pennsylvania Department of Education, Occupant Kinetics, October 1996
- Pennsylvania Department of Education, Pedestrian Collision Reconstruction, April 1997
- Pennsylvania Department of Education, Investigation of Commercial Vehicle Accidents, May 1997

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- Pennsylvania Department of Education, Heavy Truck Reconstruction, May 1998
- Institute of Police Training and Management, University of North Florida, Applied Physics for Traffic Investigators; January 1999
- Pennsylvania District Attorneys Institute, Investigating Homicide by Vehicle, August 2000
- University of California Riverside, Speed Determination from Crush Analysis, September 2000
- Institute of Police Training and Management, University of North Florida, Investigation of Motorcycle Crashes, April 2001
- Institute of Police Training and Management, University of North Florida, Pedestrian/Bicycle Crash Investigation, February 2002
- Collision Safety Institute, Crash Data Retrieval System Operator, March 2003
- North Coast Polytechnic Institute, Low Speed Impacts, September 2003
- Institute of Police Training and Management, University of North Florida, Human Factors in Collision Reconstruction, November 2003
- North Coast Polytechnic Institute, Biomechanics in Accident Reconstruction, May 2004
- Collision Safety Institute, Vehicle Damage and Energy Relationships, January 2005
- Pennsylvania Department of Transportation, Pennsylvania State Inspection Mechanic certification, May 2005
- National Transportation Safety Board, Biomechanics of High-Impact Injuries, April 2007
- Institute of Police Training and Management, University of North Florida, Special Problems in Traffic Crash Reconstruction, April 2007

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- National Highway Transportation Safety Administration, Child Passenger Saefty Seat Technician Training, October 2007
- Institute of Police Training and Management, University of North Florida, Special Problems in Traffic Crash Reconstruction, April 2007, Invited Guest Speaker - Overall Throw Distance in Pedestrian Collisions
- Leica Geosystems, Leica Laser scanner Training, August 2008
- Institute of Police Training and Management, University of North Florida, Advanced Commercial Vehicle Collision Investigation, November 2008
- Society of Automotive Engineers, Forensic Analysis of Medical Records in Injury Biomechanics and Accident Reconstruction Studies, December 2008
- Institute of Police Training and Management, University of North Florida, Special Problems in Traffic Crash Reconstruction, April 2009
- National Study Center for Trauma and EMS, CIREN meeting, May 2009
- California Association of Accident Reconstruction Specialists, Invited Guest Speaker, Overall Throw Distance in pedestrian Collisions, October 2009
- Institute of Police Training and Management, University of North Florida, Event Data Recorder Use in Traffic Crash Reconstruction, April 2010
- Institute of Police Training and Management, University of North Florida, Special Problems in Traffic Crash Reconstruction, April 2010, Invited Guest Speaker - Occupant Kinematics for Traffic Crash Reconstruction

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PROFESSIONAL WORK EXPERIENCE

- Accident Reconstruction - Crashtams PA/WV/ECC 2009 to present
- Accident Reconstruction Instruction - University of North Florida, Institute of Police Technology and Management 2004 to present
- Accident Reconstruction and Training - Pennsylvania State Police 1988 to 2009
- Collision Investigation Training Coordinator - Pennsylvania State Police 1997 to 2004
- Deputized as United States Marshall during United Flight 93 airplane crash on September 11, 2001 - located and documented evidence via forensic mapping

LITERATURE:

- Author of all Pennsylvania State Police collision investigation lesson plans as of 2004
- Author of "Validating the "f" in Searle" - currently being reviewed for publication by the Society of Automotive Engineers

OTHER SPECIALIZED TRAINING:

- NHTSA Certified Standardized Field Sobriety Testing Practitioner/Instructor/Master Instructor
- Intoxilyzer 5000 Operator and Maintenance Officer
- Intoxilyzer RBT IV Operator
- Firearms Instructor
- American Red Cross First Aid and CPR Instructor

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INSTRUCTIONAL EXPERIENCE:

LECTURES

- Validating the "f" in Searle, University of North Florida, Institute of Police Technology and Management, April 2008
- Validating the "f" in Searle, California Association of Accident Reconstruction Specialists, October 2009
- Occupant Kinematics for the Traffic Crash Reconstructionist, University of North Florida, Institute of Police Technology and Management, April 2010

COURSES

- At Scene Traffic Crash/Traffic Homicide Investigation - an 80 hour course of basic crash information
- Advanced Traffic Crash Investigation - an 80 hour course of intermediate crash information
- Traffic Crash Reconstruction - an 80 hour course of reconstruction information
- Traffic Crash Reconstruction Update - a 40 hour course of in-depth reconstruction information
- Investigation of Motorcycle Collisions - a 40 hour course of motorcycle collision techniques
- Pedestrian/Bicycle Crash Investigation - a 40 hour course of pedestrian and bicycle collision techniques
- Mr. Sullenberger has taught courses for the following agencies:
 - Pennsylvania State Police
 - Ohio Highway Patrol
 - West Virginia State Police
 - Wyoming Law Enforcement Academy
 - Baltimore Co. P.D.
 - Colorado State Police
 - Delaware State Police

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PROFESSIONAL ASSOCIATIONS

- The Accredited Commission for Traffic Accident Reconstructionists, member (ACTAR) #677
- International Network of Collision Reconstructionists
- National Association of Professional Accident Reconstruction Specialists
- Society of Automotive Engineers
- Boy Scouts of America - Eagle Scout

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