

EXPERT WITNESS SERVICES, INC

FORENSIC RESEARCH LABORATORIES

8387 UNIVERSITY AVE., LA MESA, CA 91942
(619) 464-3477

Daniel William Vomhof III, E.I.T.
Certified Accident Reconstruction Specialist

EXPERIENCE:

Expert Witness Services, Inc.

- (1992-present)* - Accident Reconstructionist.
- (1984-1992)* - Accident Reconstruction Assoc.
- (1981-1984)* - Accident Reconstructionist.
- (1976-1981)* - Technician.

Primary responsibilities include:

- Evaluation of traffic signal timing related to vehicle, pedestrian, and motorcycle accidents
- Reconstruction of vehicle, pedestrian, and motorcycle accidents
- Evaluation of Pedestrian/Facility/Walking Surface interactions
- Measurement and evaluation of lighting as it affects perception of hazards
- Measurement and evaluation of sound levels
- Documentation of vehicle evidence and scene conditions through photography and measurements
- Preparation of scale scene diagrams and other exhibits for use in depositions, arbitration hearings, and trial.

Additional responsibilities have included:

- Reanalysis of blood and urine samples for alcohol, typing of the blood samples, and review of DUI arrest reports for determination of driving behavior.

4N6XPRT Systems

- (1992-present)* - General Manager/Technical Support/Programmer

Primary responsibilities include:

- Maintain data and Software Programs available for sale
- Provide Technical Support to program owners
- Provide data to Accident Investigators throughout North America when requested via phone or fax
- Assist in the guidance towards development of new programs
- Provide out of office marketing

Coleman College - General Education

- (1994-1996)* - Adjunct Faculty.

Provide instruction in College Algebra and Statistics at the undergraduate level.

City of La Mesa - Traffic Engineering
(1988-1992) - *Engineering Technician I.*

Primary responsibilities in the field included preparation, review, and inspection of traffic control plans; preparation of striping, signing, and traffic signal plans and layouts for the field crews; traffic signal system coordination; field changes to traffic signal timing plans; and determination of proper sign type and placement to remedy existing traffic problems.

Primary responsibilities in the office included monthly review of accident reports for possible conditions contributing to the accidents which would be correctable by engineering projects; preparation of individual and system traffic signal timing plans; preparation of staff reports and exhibits for public hearings; and presentation of staff reports at public hearings.

Further responsibilities included supervising and conducting speed zone certification studies, traffic signal and stop sign warrant studies, delay studies, parking studies, intersection movement studies, flow and capacity studies, and line-of-sight studies.

Williamson Engineering
(1987-1988) - *Computer Systems Manager.*

Primarily responsible for entering, developing, and maintaining computerized survey points and providing radial stakeout information to the survey crews. Further responsibilities included design modifications to improvement plans as required to fit existing field conditions and conducting map record research for new projects.

Head chained and ran a Total Station for construction staking.

PROFESSIONAL CERTIFICATION:

Engineering E.I.T. Registration #XE088556, 1993

Accredited Traffic Accident Reconstructionist, The Accreditation Commission for Traffic Accident Reconstruction, Registration #484, 1993

Certified Accident Reconstruction Specialist - Institute of Police Traffic Management, 1983

Diplomate Board Certified Forensic Examiner, American Board of Forensic Examiners #3461, 1996

EDUCATION:National University

B. S. Engineering

October 1994

Mesa CollegeA. S. Engineering
Engineering Certificate

June 1992

June 1991

Cuyamaca CollegeA. S. Surveying
Surveying Certificate

August 1986

June 1986

ACCIDENT SPECIFIC EDUCATION

(3,344+ Contact Hrs)

"CDR Operator/Technician Training",
Newport Beach, CA 5/23-24/23

"WREX 2023"
Orlando, FL 4/17-21/23

"CA²RS Collision Reconstruction Conference",
Irvine, CA 10/20-22/22

"36'th Annual Illinois Association of Technical Accident Investigators Conference",
*-Invited Presenter, Springfield, IL 9/21-23/22

"Annual Meeting and Training Seminar - Midwest Association of Technical Accident Investigators", Des Moines, IA 9/12-14/22

"22'nd Southeastern Collision Reconstruction Conference",
Mt. Pleasant, SC 7/25-29/22

"Symposium on Traffic Safety", Institute of Police Traffic Management
Orlando, FL 6/13-16/22

"CrashCon22", Barczyk Biomechanics Institute
New Orleans, LA 5/19-21/22

"Identification and Application of HF & Visibility Issues in Traffic Recon", Washington
Association of Technical Accident Investigators,
Seattle, WA (ZOOM) 10/26-28/21

"21'st Southeastern Collision Reconstruction Conference",
Mt. Pleasant, SC 7/26-30/21

"Symposium on Traffic Safety", Institute of Police Traffic Management
Orlando, FL 6/21-24/21

"Human Factors and Nighttime Visibility", Texas Association of Accident Reconstruction
Specialists,
Round Rock, TX (ZOOM) 10/21-23/20

"NAPARS Virtual Joint Conference 2020", National Association of Professional Accident
Reconstruction Specialists
Worldwide, IL (ZOOM) 10/5-13/20

“2020 EDR Summit” ARC Network
 Houston, TX 3/9-11/20
“CA²RS Collision Reconstruction Conference”,
 Palm Desert, CA 10/24-26/19
“33rd Annual Illinois Association of Technical Accident Investigators Conference”,
 Springfield, IL 10/9-11/19
“2019 Motorcycle Crash Training”, Illinois Association of Technical Accident Investigators,
 Springfield, IL 10/7-8/19
“Energy Methods and Damage Analysis” Institute of Police Technology and Management
 Jacksonville, FL 8/26-30/19
“20th Southeastern Collision Reconstruction Conference”,
 Mt. Pleasant, SC 7/22-26/19
“Symposium on Traffic Safety”, Institute of Police Traffic Management
 Orlando, FL 6/3-6/19
“2019 EDR Summit” ARC Network
 Houston, TX 3/4-6/19
“CA²RS Collision Reconstruction Conference”,
 Lake Tahoe, CA 10/24-26/18
“32nd Annual Illinois Association of Technical Accident Investigators Conference”,
 Springfield, IL 9/26-28/18
“Nineteenth Southeastern Collision Reconstruction Conference”,
 Mt. Pleasant, SC 7/23-27/18
**“32nd Annual Meeting and Training Seminar - Midwest Association of Technical Accident
 Investigators”**, Des Moines, IA 6/18-20/18
“Symposium on Traffic Safety”, Institute of Police Traffic Management
 Orlando, FL 5/21-24/18
“CA²RS Collision Reconstruction Conference”,
 Anaheim, CA 10/26-28/17
“31st Annual Illinois Association of Technical Accident Investigators Conference”,
 Springfield, IL 10/4-6/17
“Eighteenth Southeastern Collision Reconstruction Conference”,
 Mt. Pleasant, SC 7/23-28/17
“Symposium on Traffic Safety”, Institute of Police Traffic Management
 Orlando, FL 5/15-18/17
“CA²RS Collision Reconstruction Conference”,
 Lake Tahoe, CA 10/27-29/16
“30th Annual Illinois Association of Technical Accident Investigators Conference”,
 Peoria, IL 9/21-23/16
“ARC-CSI Crash Conference 2016”
 Las Vegas, NV 5/22-26/16
“WREX 2016”, - *Poster Session Presenter
 Orlando, FL 5/1-6/16
“2015 TAARS / SOAR Combined Conference”, *-Invited Presenter, Texas Association of
 Reconstruction Specialists - Round Rock, TX 12/7-9/15
“29th Annual Illinois Association of Technical Accident Investigators Conference”,
 Peoria, IL 9/16-18/15

“Sixteenth Southeastern Collision Reconstruction Conference”,
 Mt. Pleasant, SC 7/26-31/15
“ARC-CSI Crash Conference 2015”
 Las Vegas, NV 6/1-4/15
“Special Problems in Accident Reconstruction”, * - Invited Presenter, Institute of Police
 Traffic Management - Clearwater Beach, FL 5/18-22/15
“28'th Annual Illinois Association of Technical Accident Investigators Conference”,
 Peoria, IL 9/17-19/14
“2014 Joint Annual Conference” * - Invited Presenter, National Association of Professional
 Accident Reconstruction Specialists, Portland, ME 9/10-14/14
“Fifteenth Southeastern Collision Reconstruction Conference”,
 Mt. Pleasant, SC 7/20-25/14
**“28'th Annual Meeting and Training Seminar - Midwest Association of Technical Accident
 Investigators”**, Minneapolis, MN 6/10-13/14
“ARC-CSI Crash Conference 2014”
 Las Vegas, NV 6/2-5/14
“Special Problems in Accident Reconstruction”, Institute of Police Traffic Management -
 St. Petersburg, FL 4/28-5/2/14
“27'th Annual Illinois Association of Technical Accident Investigators Conference”,
 Peoria, IL 9/18-20/13
“Fourteenth Southeastern Collision Reconstruction Conference”,
 Mt. Pleasant, SC 7/21-26/13
**“Annual Meeting and Training Seminar - Midwest Association of Technical Accident
 Investigators”**, Wisconsin Dells, WI 5/10-12/13
“Special Problems in Accident Reconstruction”, Institute of Police Traffic Management -
 St. Petersburg, FL 5/20-24/13
“ARC-CSI Crash Conference 2013”
 Las Vegas, NV 5/13-16/13
“26'th Annual Illinois Association of Technical Accident Investigators Conference”,
 Peoria, IL 9/19-21/12
“Thirteenth Southeastern Collision Reconstruction Conference”,
 Mt. Pleasant, SC 7/22-27/12
“ARC-CSI Crash Conference 2012”
 Las Vegas, NV 6/4-7/12
“Special Problems in Accident Reconstruction”, Institute of Police Traffic Management -
 University of North Florida 4/30-5/4/12
“25'th Annual Illinois Association of Technical Accident Investigators Conference”,
 Bloomington, IL 9/19-23/11
“Twelvth Southeastern Collision Reconstruction Conference”,
 Mt. Pleasant, SC 7/25-29/11
“ARC-CSI Crash Conference 2011”
 Las Vegas, NV 5/23-26/11
“Special Problems in Accident Reconstruction” * - Invited Presenter, Institute of Police
 Traffic Management - University of North Florida 5/2-6/11
“CA²RS Collision Reconstruction Conference” * - Invited Presenter,
 Lake Tahoe, CA 10/14-16/10

- “24'th Annual Illinois Association of Technical Accident Investigators Conference” * - Invited Presenter**, Bloomington, IL 9/15-17/10
- “Eleventh Southeastern Collision Reconstruction Conference” * - Invited Presenter**, Mt. Pleasant, SC 7/26-29/10
- “ARC-CSI Crash Conference 2010”**
Las Vegas, NV 5/24-27/10
- “Special Problems in Accident Reconstruction” * - Invited Presenter**, Institute of Police Traffic Management - University of North Florida 4/26-30/10
- “Pennsylvania State Police Collision Reconstruction Seminar” * - Invited Presenter**, State College, PA 9/29-10/1/09
- “23'rd Annual Illinois Association of Technical Accident Investigators Conference”**, Bloomington, IL 9/16-18/09
- “ARC-CSI Crash Conference 2009”**
Las Vegas, NV 6/1-4/09
- “Special Problems in Accident Reconstruction”**, Institute of Police Traffic Management - University of North Florida 4/09
- “22'nd Annual Illinois Association of Technical Accident Investigators Conference”**, Bloomington, IL 9/10-12/08
- “Tenth Southeastern Collision Reconstruction Conference”**, Atlanta, GA 7/20-24/08
- “ARC-CSI Crash Conference 2008”**
Las Vegas, NV 6/2-5/08
- “Special Problems in Accident Reconstruction”**, Institute of Police Traffic Management - University of North Florida 4/21-25/08
- “21'st Annual Illinois Association of Technical Accident Investigators Conference”**, Bloomington, IL 9/19-21/07
- “Ninth Southeastern Collision Reconstruction Conference”**, N. Charleston, SC 7/22-26/07
- “ARC-CSI Crash Conference 2007”**
Las Vegas, NV 6/4-7/07
- “21'st Annual Meeting and Training Seminar - Midwest Association of Technical Accident Investigators”**, Minneapolis, MN 5/16-18/07
- “Special Problems in Accident Reconstruction”**, Institute of Police Traffic Management - University of North Florida 4/23-27/07
- “F³T² - Factors, Formulae, Forensic Technology Training” * - Invited Presenter**, Combined Conference, Houston, TX 9/18-21/06
- “20'th Annual Illinois Association of Technical Accident Investigators Conference”**, Bloomington, IL 9/6-8/06
- “20'th Annual Meeting and Training Seminar - Midwest Association of Technical Accident Investigators”**, Kansas City, MO 6/12-15/06
- “ARC-CSI Crash Conference 2006”**
Las Vegas, NV 6/5-8/06
- “Special Problems in Accident Reconstruction”**, Institute of Police Traffic Management - University of North Florida 4/24-28/06
- “19'th Annual Illinois Association of Technical Accident Investigators Conference”**, Springfield, IL 9/19-21/05

“Seventh Southeastern Collision Reconstruction Conference” , N. Charleston, SC	7/24-28/05
“ARC-CSI Crash Conference 2005” Las Vegas, NV	6/7-10/05
“18'th Annual Illinois Association of Technical Accident Investigators Conference” , Peoria, IL	9/8-10/04
“Sixth Southeastern Collision Reconstruction Conference” , Biloxi, MS	7/25-29/04
“ARC-CSI Crash Conference 2004” Las Vegas, NV	6/21-24/04
“Washington Association of Technical Accident Investigators Fall Conference” , Seattle, WA	10/6-9/03
“17'th Annual Illinois Association of Technical Accident Investigators Conference” , Mt. Vernon, IL	9/10-12/03
“Fifth Southeastern Collision Reconstruction Conference” , Mt. Pleasant, SC	7/27-31/03
“ARC-CSI Crash Conference 2003” Las Vegas, NV	6/9-12/03
“16'th Annual Illinois Association of Technical Accident Investigators Conference” , Rockford, IL	9/18-20/02
“ARC-CSI Crash Conference 2002” , Seattle, WA	8/18-21/02
“Fourth Southeastern Collision Reconstruction Conference” , Mt. Pleasant, SC	6/16-20/02
“15'th Annual Illinois Association of Technical Accident Investigators Conference” , Danville, IL	9/26-28/01
“The Vehicle Damage & Energy Relationship in Collision Reconstruction” , Texas A&M Engineering Extension Service, Danville, IL	9/24-25/01
“Special Problems in Accident Reconstruction” , Institute of Police Traffic Management - University of North Florida	4/17-20/01
“WREX 2000 - World Reconstruction Exposition” , College Station, TX	9/24-29/00
“Special Problems in Accident Reconstruction” , Institute of Police Traffic Management - University of North Florida	5/1-5/00
“13'th Annual Illinois Association of Technical Accident Investigators Conference” , Collinsville, IL	9/22-24/99
“Special Problems in Accident Reconstruction” , Institute of Police Traffic Management - University of North Florida	4/26-30/99
“CRASH '98 - Conference on Reconstruction And Safety on the Highway '98” , Texas Engineering Extension Service Law Enforcement & Security Training Division Texas A&M University System	10/26-30/98
“Advanced Traffic Accident Reconstruction with the use of Microcomputers” , Institute of Police Technology & Management - Oxnard, CA	4/8-12/96
“Pedestrian/Bicyclist Accident Reconstruction” , Texas Engineering Extension Service, Texas A&M - San Diego, CA	11/13-17/95

" Discover Factor H ", Canadian Association of Technical Accident Investigators and Reconstructionists - Mississauga, Ontario, Canada	8/18-21/94
" Bio-Mechanics of Accidents ", Criminal Justice Academy, Texas Engineering Extension Service - Texas A&M	7/25-29/94
" Concept of Night Visibility for Traffic Accident Investigators ", Institute of Police Technology & Management - University of North Florida	8/23-27/93
" Investigation of Pedestrian Accidents and Human Factors ", Institute of Police Technology & Management - Tempe, AZ	7/20-24/92
" Bicycle Law Enforcement Seminar ", Institute of Police Traffic Management - University of North Florida	6/6-7/85
" Special Problems in Accident Reconstruction ", Institute of Police Traffic Management - University of North Florida	4/9-12/85
" Workshop on the Investigation of Motorcycle Accidents ", Institute of Police Traffic Management - University of North Florida	8/7-9/84
" Special Problems in Traffic Accident Reconstruction ", Institute of Police Traffic Management - University of North Florida	4/8-11/84
" Tire Forensics for the Accident Investigator ", Institute of Police Traffic Management - University of North Florida	2/6-8/84
" Traffic Accident Reconstruction ", Institute of Police Traffic Management - University of North Florida	2/21-3/4/83
" Advanced Traffic Accident Investigation ", Institute of Police Traffic Management - University of North Florida	2/7-18/83
" At-Scene Traffic Accident Investigation ", Institute of Police Traffic Management - University of North Florida	1/24-2/4/83

California Association of Accident Reconstruction Specialists

* Training - Seatbelts, Pre-Tensioners, and Airbags: How they work and their effect on occupant safety	6/23
* Training - Traffic Engineering: How it Influences Accident Reconstruction (Online)	3/23
* Training - What is PRT and how to apply it to rear-end crashes?	1/23
* Training - ABS and non-ABS deceleration rates on different surfaces.	9/22
* Training - Understanding and Using Ignition Cycles in your Investigations	5/22
* Training - Using activity app GPS data in accident reconstruction	3/22
* Training - Case Studies and Research on Pedal Misapplication	2/22
* Training - 3D Scene Visualization and Courtroom Presentation (Online)	2/21
* Training - An overview of collision reconstruction/investigation using Crash Data Retrieval event data	12/20
* Training - How have drivers responded in real world crash and near crash scenarios?	11/20
* Training - Forensic Photography and Video for the Accident Reconstruction Specialist	2/20
* Training - Video Analysis in Collision Investigations	6/19
* Training - The Math and Physics Behind Accident Reconstruction Equations	1/19
* Training - Forensic Testing and Analysis of Seat Belts with Case Studies	8/19
* Training - Evaluating Injury Causation in Motor Vehicle Accidents: Applied Biomechanics and Clinical Science	8/18
* Training - Introduction to Pedestrian/Bicycle vs. Auto Collisions	6/18
* Training - Crash with Practical Applications / Traffic Signal Timing*	8/17

* Training - Accident Reconstruction and Injury Biomechanics	6/17
* Training - Work Zone Crashes	2/17
* Training - Injury Mechanism and Medical Causation/Sleep Deprivation	8/16
* Training - Photogrammetry	6/16
* Training - Damage Energy Methods	2/16
* Training - Reconstructing Intersection Collisions	5/14

* - **Invited Presenter**

** - **Requested Stand-In Presenter**

Southwestern Association of Technical Accident Investigators

* Meeting - Various Acc. Investigation/Reconstruction Topics	3/23
* Meeting - Various Acc. Investigation/Reconstruction Topics	2/22
* Meeting - Various Acc. Investigation/Reconstruction Topics	1/21
* Meeting - Various Acc. Investigation/Reconstruction Topics	1/19
* Meeting - Various Acc. Investigation/Reconstruction Topics	1/18
* Meeting - Various Acc. Investigation/Reconstruction Topics	3/17
* Meeting - Various Acc. Investigation/Reconstruction Topics	3/16
* Meeting - Various Acc. Investigation/Reconstruction Topics	9/15
* Meeting - Various Acc. Investigation/Reconstruction Topics	3/15
*Invited Presenter - Crash3 - Researching Stiffness Values (Errors Myths and Truths)	
* Meeting - Various Acc. Investigation/Reconstruction Topics	9/14
* Meeting - Various Acc. Investigation/Reconstruction Topics	3/14
* Meeting - Various Acc. Investigation/Reconstruction Topics	9/13
* Meeting - Various Acc. Investigation/Reconstruction Topics/ Force Balance Application and Thought Process**	3/13
* Meeting - Various Acc. Investigation/Reconstruction Topics	9/12
* Meeting - Various Acc. Investigation/Reconstruction Topics	3/12
* Meeting - Various Acc. Investigation/Reconstruction Topics	3/11
* Meeting - Various Acc. Investigation/Reconstruction Topics	11/10
* Meeting - Various Acc. Investigation/Reconstruction Topics	7/10
* Meeting - Various Acc. Investigation/Reconstruction Topics	3/10
* Meeting - Various Acc. Investigation/Reconstruction Topics	11/09
* Meeting - Various Acc. Investigation/Reconstruction Topics	7/09
* Meeting - Various Acc. Investigation/Reconstruction Topics	3/09
* Meeting - Various Acc. Investigation/Reconstruction Topics	11/08
* Meeting - Various Acc. Investigation/Reconstruction Topics	7/08
* Meeting - Various Acc. Investigation/Reconstruction Topics	3/08
* Meeting - Various Acc. Investigation/Reconstruction Topics	11/07
* Meeting - Various Acc. Investigation/Reconstruction Topics	7/07
* Meeting - Various Acc. Investigation/Reconstruction Topics	3/07
* Meeting - Various Acc. Investigation/Reconstruction Topics	11/06
* Meeting - Various Acc. Investigation/Reconstruction Topics	7/06
* Meeting - Various Acc. Investigation/Reconstruction Topics	3/06

* Meeting - Various Topics/ Overview of 4N6XPRT Software features and measurement procedures for Expert AutoStats®*	11/05
* Meeting - Crash Testing/ Crush Formulas Applicability*	7/05
* Meeting - Bicycle/Pedestrian Crash Reconstruction	3/05
* Meeting - Commercial Vehicles	11/04
* Meeting - Crash Testing/CDR	7/04
* Meeting - Math in Traffic Crash Reconstruction	3/04
* Meeting - Visibility/Friction Testing	11/03
* Meeting - Various Acc. Investigation/Reconstruction Topics	7/03
* Meeting - Various Acc. Investigation/Reconstruction Topics	3/03
* Meeting - Vehicle Examination/Work Zones/ITS/ NHTSA Data*	11/02
* Meeting - Vehicle Rollovers	7/02
* Meeting - Human Factors/Brake Performance/Vehicle Spin	3/02
* Meeting - Airbags/CDR/Brake Failure	11/01
* Meeting - Vehicle Rollovers	7/01
* Meeting - Pole Impacts	3/01
* Meeting - Various Acc. Investigation/Reconstruction Topics	11/00
* Meeting - Various Acc. Investigation/Reconstruction Topics	7/00
* Meeting - Various Acc. Investigation/Reconstruction Topics	3/00
* Meeting - Signal Timing* /Pedestrians/Low Speed Accidents	11/99
* Meeting - Various Acc. Investigation/Reconstruction Topics	7/99
* Meeting - Various Acc. Investigation/Reconstruction Topics	3/99
* Meeting - Various Acc. Investigation/Reconstruction Topics	11/98
* Meeting - Various Acc. Investigation/Reconstruction Topics	7/98
* Meeting - Various Acc. Investigation/Reconstruction Topics	3/98
* Meeting - Various Acc. Investigation/Reconstruction Topics	11/97
* Meeting - Various Acc. Investigation/Reconstruction Topics	7/97
* Meeting - Various Acc. Investigation/Reconstruction Topics	3/97
* Meeting - Various Acc. Investigation/Reconstruction Topics	11/96
* Meeting - Various Acc. Investigation/Reconstruction Topics	7/96
* Meeting - Low Speed Investigation, Night Visibility	3/29-30/96
* Meeting - Seatbelts/Airbags, Night Visibility (16 hrs)	12/1-2/95
* Meeting & Low Speed Crash Tests (16 hrs)	7/21-22/95
* Meeting - Automotive Insurance Fraud (16 hrs)	3/17-18/95
* Meeting & School Bus Crash Test (16 hrs)	7/22-23/94
* Meeting & Med. Speed Crash Tests (16 hrs)	3/4-5/94
* Meeting & High Speed Dump Truck Crash Test (16 hrs)	7/16-17/93

* - **Invited Presenter**

** - **Requested Stand-In Presenter**

OTHER PROFESSIONAL EDUCATION:

Ai2-3D / Recon-3D

- * Cloud Compare (10 hrs) 2023
- * Recon-3D Training Course (4 hrs) 2022

Enforcement Engineering and Education Annual Traffic Safety Training Course - California Institute of Transportation Safety - San Diego State University

- * Traffic Safety and Liability Analyses (8 hrs) 2002

Institute of Traffic Safety - University of California Berkeley

- * Geometric Design (16 hrs) 1991
- * Human Factors in Highway Design (24 hrs) 1990

American Public Works Association

- * Traffic Engineering Technician Training (8 hrs) 1990

American Construction Inspectors Association

- * Traffic Signals (8 hrs) 1990

University California San Diego - Extension Course

- * Drinking and Driving Another Year Down the Road (8 hrs) 1983

San Diego State University - Summer Course

- * The Effects of Alcohol and Drugs on Driving (16 hrs) 1983

PROFESSIONAL MEMBERSHIP:

- Institute of Transportation Engineers #25348
- National Association of Traffic Accident Reconstructionists and Investigators
- Southwestern Association of Technical Accident Investigators, Inc.
- South Carolina Association of Accident Reconstruction Specialists
- Washington Association of Technical Accident Investigators
- Illinois Association of Technical Accident Investigators
- Society of Accident Reconstruction Specialists

FORMER PROFESSIONAL MEMBERSHIP:

- International Conference of Building Officials #57603-5
- California Society of Professional Engineers - National Society of Professional Engineers #103429978
- Life Fellow of the College, American College of Forensic Examiners #496
- The National Association of Professional Accident Reconstruction Specialists, Inc.
- American Board of Forensic Examiners
- Who's Who Worldwide
- Forensic Consultants Association
- New York Academy of Sciences
- Society of Automotive Engineers #5557524898

SWORN TESTIMONY:

Qualified in San Diego and San Bernardino Superior Court on:

- *Traffic Signal timing sequence and “who had the green” issues
- *Vehicle Accident Reconstruction with emphasis on Time-Speed-Distance-Force issues and calculations

Qualified in Wisconsin, San Diego, El Cajon, Fairfield, Vista, San Bernardino, and Pasadena Superior Courts on one or more of the following elements:

- *Vehicle Accident Reconstruction with emphasis on Time-Speed-Distance-Force issues and calculations
- *Speed survey design, conduction, & data analysis
- *Preparation of scale diagrams of roadways
- *Lighting considerations
- *Vehicle Accident Reconstruction with emphasis on Vehicle and pedestrian paths of travel
- *Vehicle Accident Reconstruction with emphasis on Vehicle and Bicycle paths of travel
- *Vehicle Accident Reconstruction with emphasis on "Normal" vehicle speeds for an area
- *Vehicle Accident Reconstruction with emphasis on Human factors - Perception, Reaction, Line-of-Sight, Night Time Visibility, Glare
- *Vehicle Accident Reconstruction with emphasis on Vehicle and Occupant movements
- *Vehicle Accident Reconstruction with emphasis on Speed from Damage
- *Vehicle Accident Reconstruction with emphasis on video analysis for headlights on/off, Brake application and response to which threat
- *Vehicle Accident Reconstruction with emphasis on CDR/EDR report - Speed/Brake/Turn

Qualified in El Cajon Superior Court on:

- *Vehicle Accident Reconstruction with emphasis on Time-Speed-Distance-Force issues and calculations
- *Sound measurement data collection from vehicles
- *Sound measurement interpretation
- *Sound measurement test procedures

Qualified Workman's Compensation Hearing on:

- *Data and evidence collection
- *Data analysis
- *Sampling techniques

Qualified Arbitration Hearing on:

- *Vehicle Accident Reconstruction with emphasis on Lighting considerations
- *Vehicle Accident Reconstruction with emphasis on Paths of travel
- *Building Code requirements
- *Vehicle Accident Reconstruction with emphasis on Human factors - Perception, Reaction, Line-of-Sight
- *Vehicle Accident Reconstruction with emphasis on Time-Speed-Distance-Force issues and calculations
- *Vehicle Accident Reconstruction with emphasis on Traffic Signal timing sequence and “who had the green” issues

PRESENTATIONS:

- D. W. Vomhof III, *Crush Analysis Considerations: Use of Crush in Vehicle Accident Reconstruction for the Purpose of Determining Impact Speed*, Illinois Association of Technical Accident Investigators, September, 2022
- D. W. Vomhof III, *Traffic Signal timing plan elements, basics in deciphering traffic signal timing plans, and steps to determine "who had the green" through case examples*, Orange County Traffic Investigators Association, November 8, 2017
- D. W. Vomhof III, *Crush-Stiffness-Force Balance: Crush Measurement, Stiffness Value Research, and Force Balance Application through "Case" Examples and Traffic Signal timing plan elements, basics in deciphering traffic signal timing plans, and steps to determine "who had the green" through case examples*, California Association of Accident Reconstruction Specialists, Glendora, CA, August 21, 2017
- D. W. Vomhof III, *Crush-Stiffness-Force Balance: Crush Measurement, Stiffness Value Research, and Force Balance Application through "Case" Examples and Traffic signal timing plan elements, basics in deciphering traffic signal timing plans, and steps to determine "who had the green" through case examples*. California Association of Accident Reconstruction Specialists, Alameda, CA, August 16, 2017
- D. W. Vomhof III, *Crush-Stiffness-Force Balance: Crush Measurement, Stiffness Value Research, and Force Balance Application through "Case" Examples*, Orange County Traffic Investigators Association, April 26, 2017
- D. W. Vomhof III, *Traffic Signal Timing Basics for the Traffic Accident Investigator: What do all those Numbers Mean?*, Texas Association of Accident Reconstruction Specialists, December, 2015.
- D. W. Vomhof III, *Traffic Signal Timing Case Study Interpretations*, Texas Association of Accident Reconstruction Specialists, December, 2015.
- D. W. Vomhof III, *Researching and Using Stiffness Values: Erros-Myths-Truths-and Other Things Too*, Texas Association of Accident Reconstruction Specialists, December, 2015.
- D. W. Vomhof III, *Crush-Stiffness-Force Balance: Crush Measurement, Stiffness Value Research, and Force Balance Application through "Case" Examples*, Texas Association of Accident Reconstruction Specialists, December, 2015.
- D. W. Vomhof III, *Crush-Stiffness-Force Balance: Crush Measurement, Stiffness Value Research, and Force Balance Application through "Case" Examples*, Institute of Police Technology and Management - Special Problems, May 2015.
- D. W. Vomhof III, *Researching and Using Stiffness Values: Erros-Myths-Truths-and Other Things Too*, Southwest Association of Technical Accident Investigators, March, 2015.

- D. W. Vomhof III, *Researching and Using Stiffness Values: Errors-Myths-Truths*, Combined Annual Conference-NAPARS-NATARI-MdATAI-NJAARS-NYSTARS, September, 2014.
- D. W. Vomhof III, *SCARS 2013-2014 Pole Crash Test Summary*, South Carolina Accident Reconstruction Specialists, July 2014.
- D. W. Vomhof III, *Using 4N6XPRT StifCalcs and the Force Balance Module to Evaluate Speed From Crush*, Pennsylvania State Police Training, September, 2013.
- D. W. Vomhof III, *Using 4N6XPRT StifCalcs and the Force Balance Module to Evaluate Speed From Crush*, Pennsylvania State Police Training, September, 2013.
- D. W. Vomhof III, *Using 4N6XPRT StifCalcs and the Force Balance Module to Evaluate Speed From Crush*, Pennsylvania State Police Training, September, 2013.
- D. W. Vomhof III, *Using 4N6XPRT StifCalcs: Illustrating Basic Search - Advanced Search - and Force Balance Application Through "Case" Examples*, Illinois Association Technical Accident Investigators, September, 2013.
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