

# **CURRICULUM VITAE of MALLIE D. DONOHOE**

Court Qualified Traffic Accident Reconstructionist  
ACTAR Accredited #1354

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## **SUMMARY OF QUALIFICATIONS**

- 23 years law enforcement experience
- 18 years traffic accident investigation experience
- 22 years traffic accident reconstruction experience

## **PROFESSIONAL EXPERIENCE**

1970 - 1993 LOS ANGELES POLICE DEPARTMENT

Specialized Collision Detail (S.C.I.D.) 1984 -1993

Investigated and reconstructed major injury and death traffic accidents to seek out and document latent contributory factors; conducted investigations and rendered opinions for the L.A. City Attorney's office and L.A. County District Attorney's office For criminal and civil litigations.

Central Traffic Division - Traffic Accident Investigator 1975 - 1989

Investigated and reported approximately 15,000 traffic accidents; evaluated engineering designs and rendered suggestions for adequate traffic controls; evaluated existing California Vehicle Code sections; and rendered suggestions for new legislation.

Training Officer - Trained new officers in accident investigation.

Basic Accident Investigation School

Los Angeles Police Academy

Instructor - Basic accident investigation and reporting procedures; skid identification and diagraming.

Intermediate Accident Investigation School

Los Angeles Police Academy

Instructor - Tire mark identification and speed computation from tire marks.

Technical Accident Investigation

Los Angeles Police Academy

Instructor - Damage analysis, principle direction of thrust, advanced diagraming, energy and momentum calculations.

1983 - present

Traffic Accident Reconstructionist - has investigated and rendered opinions regarding time, distance, speed, damage analysis, collision forces, and causation factors involving approximately 2500 collisions. Has testified at 350 arbitrations and 75 trials regarding questionable losses.

## **EDUCATION AND TRAINING**

1983 Northwestern University Traffic Institute  
Technical Traffic Accident Investigation Course  
Los Angeles Police Academy

Principles for gathering information and physical evidence necessary to conduct a thorough accident investigation; comprehensive research projects.

Traffic Accident Reconstruction I

1985-88 University of North Florida  
Institute of Police Traffic Management

Tire Forensics - accident causation as a result of tire failure.

Motorcycle Accidents - inherent factors, field testing and practical applications.

Special Problems in Accident Investigation - truck tractor and commercial vehicle accidents.

1989 Northwestern University Traffic Institute  
Traffic Accident Reconstruction II  
Los Angeles Police Academy

1994 MediLegal Institute, Seattle WA  
The Biomechanics of Injury in Motor Vehicle Accidents  
Injury Mechanics - The Kinesiology of the human body during a collision, "How" and "Why" injuries occur.

Society of Automotive Engineers  
Low Speed Rear End Collision - Occupant Kinematics  
Impact severity, Injury potential, Cervical Injuries, the roll of the bumper, current research.

1996 Texas A&M University  
Impact Bio-Mechanics of Traffic Accidents  
The relationship between physical forces and injury

## **COURT QUALIFICATIONS**

Qualified in court, (Superior, Municipal, Criminal, Civil) approximately 60 times as an expert in the fields of traffic accident reconstruction, accident causation, damage analysis and collision forces.

## **AFFILIATIONS**

- Society of Accident Reconstructionists (SOAR)
- Southwest Association of Technical Accident (SATAI)
- California Association of Accident Reconstruction Specialists (CAARS)
- Southern California Fraud Investigators Association (SCFIA)
- Los Angeles Police Department - Retired