

# COLLISION CONSULTANTS, INC.

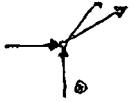
938 NORTH GRAND AVENUE

COVINA, CA 91724

(626) 869-0800 • (909) 391-0341 • (800) 435-1946

FAX: (626) 869-0820 • FAX: (909) 391-4368

S.O.A.R., S.A.T.A.I., S.C.F.I.A., C.A.'R.S.



Worley C. Jones, M.S., CHP Capt. (Ret)  
Walter L. Wiley, A.A., LASD Sgt. (Ret)

John P. McMahon, A.A.  
Frank L. Bell  
C. Dean Brewer, A.A.

## Curriculum Vitae

Worley C. Jones dba: Collision Consultants, Inc.  
CHP Captain (Ret) 938 N. Grand Ave.  
Born: May 20, 1928 Covina, California 91724  
Kaufman, Texas

## Education

Numerous Classes and Seminars sponsored by SATAI and SOAR between 1996 – 2006, relative to complete Traffic Accident and Reconstruction.

Training and qualification on the VC3000, accelerometer to determine X and Y forces in a collision as well as 'G' – forces, 2002

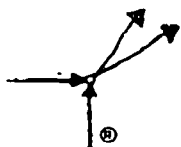
Certified by Vetronix in the Event Data Recorder Program, 2001.

Traffic Accident Reconstruction, Computerized Animation, IPTM 1993. SATAI Auto/Pedestrian Studies Conference & others through 1996.

Advanced Traffic Accident Reconstruction with the use of Microcomputers, Investigation of Pedestrian Accidents and Human Factors, Institute of Police Technology and Management (IPTM), University of North Florida, 1992. Low speed collision: Dynamics, Biomechanicals and Insurance Fraud, Auto-Pedestrian/Auto Bicycle Accidents, Southwestern Association of Technical Accident Investigators (SATAI), 1992.

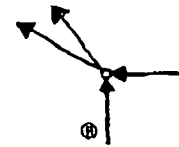
Anti Lock Brakes (ABS) & Supplemental Inflatable Restraints (Air Bags), General Motors Training Center, 1991. Insurance Fraud Control, USAA, San Antonio, Texas, 1991: Tire Forensics for Traffic Investigators and Vector Sum Analysis, IPTM, University of North Florida, 1991. Determining center of Mass, Speed from Yaw, Traffic Institute, Northwestern University, 1991. Seat Belt Effectiveness & Occupant Kinematics/Grade Crossing Collision Investigations, SATAI, 1991.

Traffic Accident Reconstruction (TAR), Motorcycle Accident Investigation (TAR), Commercial Vehicle Inspection & Commercial Vehicle Accident Investigation (TAR) and Investigation of Seat Belt/Child Restraint Injuries at IPTM, University of North Florida, 1990. Two Seat Belt/Child Restraint classes sponsored by the State of California and one by the Ford Motor Company have been attended.



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## Curriculum Vitae Page 2

Tar Vehicle Dynamics, 1986, Northwestern University, Traffic Institute, Evanston, Illinois. Lamp Examination, 1988, Northwestern University, Traffic Institute, Evanston, Illinois

TAR I, TAR II, MAPTAR (Computerized TAR) 1989, Northwestern University, Traffic Institute, Evanston, Illinois.

Reconstruction sponsored by Peace Officers Standards and Training, State of California, Riverside County Academy of Justice, 1987.

Master of Science in Behavioral Science with Emphasis in Management. Graduated from University of La Verne 1975.

Bachelor of Arts in Behavioral Science with Emphasis in Management. Graduated from the University of La Verne, 1975.

Associate in Arts in Police Science, Mount San Antonio College, 1970.

National Security Management (two Year course). Industrial College of the Armed Forces, Washington, D.C., completed 1970.

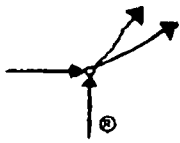
Civil Disorder Management, California Specialized Training Institute, San Luis Obispo, California 1973.

Commanders Management Conference, Speed from Skid Marks, Advanced Speed from Skid Marks, Pre-Sergeants and Pre-Lieutenants Training. These classes are more fully listed under the heading "Certificates held."

California Highway Patrol Academy. Graduated from Basic School, 1958.

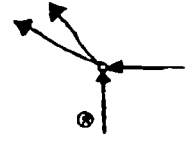
Los Angeles Sheriffs Academy, Graduated from Basic School 1958.

Dallas, Texas Police Academy, Graduated from Basic School 1954.



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## **Curriculum Vitae**

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Cal-Aero Technical Institute, Glendale, CA. Engine and Aircraft course leading to certification as Aircraft Engine Mechanic.

### **Experience and Background**

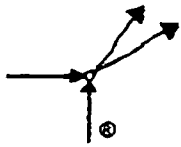
Accident Reconstructionist and/or Skid Marks Analyst from 1956 to present. Co-founder of Collision Consultants, Inc. 1988. Have represented agencies including Counties of Riverside and San Bernardino, Cities of Moreno Valley, Hemet, Riverside, Rancho Cucamonga, Perris and others. Have represented various insurance companies including State Farm, Allstate, Progressive Mercury, Prudential, Wawanesa, California Casualty, Midland Risk Insurance Services – California Inc., CALFARM Insurance Company, California Guarantee Insurance Association, Farmers insurance, 21<sup>st</sup> Century Insurance Company and others. Guest speaker at Insurance Fraud seminar in San Antonio, Texas.

Appointed by State of Nevada Supreme Court to handle appeal and accident reconstruction in the matter of State of Nevada Vs. James Larry Anderson. Selected by United States Government to travel to Japan, reconstruct accident and testify in homicide trial of United States Vs. Davis (1996).

Products Liability Investigations from 1983 to 1988. Representing firms such as Ford Motor Company, General Motors, American Motors Corp., Honda, Toyota, Nissan, Mazda, Isuzu, Renault, Peugeot, International Harvester and Cessna Aircraft Co.

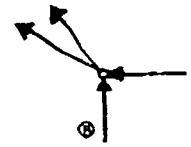
First qualified as an expert witness in determining speed from skid marks in 1956 in the State of Texas. Testified in both criminal and civil cases. California experience includes assisting in criminal prosecution for the Highway Patrol, Police Departments of Los Angeles, Pasadena, Costa Mesa, El Centro, Pomona, Ontario, Claremont, Upland, Montclair, Covina, West Covina, Baldwin Park, Irwindale, Monrovia, Hemet, Riverside, Downey, Azusa, Glendora, Los Angeles County Sheriff's Department and others. Appearances have also been made in civil matters over the years.

Experience includes teaching at Rio Honda Community College. Classes include Accident Reconstruction, Skid Mark Analysis and commercial Vehicle Enforcement. In addition, taught traffic matters at the Police Academy. It is estimated that a minimum of 2500 people have been instructed in Skid Marks Analysis alone over the years. Teaching has been done at Chaffey Community College, Citrus and Mount San Antonio Community Colleges. Additional, Skid Marks instruction has been presented at Imperial Valley Community College.



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## **Curriculum Vitae**

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Police Academy presentations in Accident Investigations and Skid Mark Analysis have been done at El Centro and Pomona Police Departments.

Classes have been done at the California Highway Patrol Academy, both uniformed Pre-sergeants and non-uniformed Supervisors levels.

Programs and presentations have been developed and presented to Southern California Rapid Transit District Personnel. These programs have been made to their instructors and division managers in addition to others. Material has included Accident Investigation and Skid Mark Analysis.

### **Employment History**

Accident Reconstructionist, Worley C. Jones and Associates 1983 to 1988. Products Liability Investigator, Kurtz, Richards and Wilson Company 1983-1988. Co-founder Collision Consultants, Inc. 1988 to 1999. Sole Proprietor of Collision Consultants to present. Instructor, Rio Hondo Community College 1976 to 1991. CHP responsibilities have included Safe Pursuits & Defensive Driving Program.

#### **California Highway Patrol**

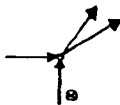
Captain, Area Commander, Santa Fe Springs Area, August 1976 to December 1985, (placed off active duty pending retirement October 1983. Retirement effective December 21, 1985).

Captain, Area Commander, Los Angeles Communications Center, July 1975 to August 1976.

Captain, Area Commander, Pomona Area, May 1972 to July 1975. Developed pursuit policy for CHP & Associated agencies for L.A./San Bernardino Counties.

Lieutenant, Programs Coordinator/Administrative Aid to the Zone Commander, Los Angeles, CA., January 1971 to May 1972.

Lieutenant, Officer in Charge, Communication Unit, Los Angeles, February 1970 to January 1971.



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Wurley C. Jones, M.S., CHP Capt. (Ret)  
 Scott Naramore, B.A.  
 Walter L. Wiley, A.A., LASD Sgt. (Ret)

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## Curriculum Vitae

### Page 5

Lieutenant, Field Operations/Executive Officer, Baldwin Park, December 1968 to February 1970.

Lieutenant, Field Operations Officer, Santa Fe Springs, July 1968 to December 1968.

Sergeant, Officer in charge, Applicant Investigation Unit, Los Angeles, Ca., December 1966 to July 1968.

Sergeant, Field Supervisor, Baldwin Park, December 1964 to December 1966.

Sergcant, Field Supervisor, El Centro, September 1964 to December 1964.

Traffic Officer, Pomona, October 1958 to September 1964.

Cadet, CHP Academy, July 1958 to October 1958 Prior to California Highway Patrol employment, positions were hld with the Los Angeles County Sheriff's Department, Covina, California Police department and Dallas, Texas Police Department.

Prior to police work, employment was in the areas of Aircraft and Automobile Mechanic.

### Certificates Held

In addition to those listed under Education, the following:

Insurance Fraud Certificate issued both for Attending & Guest Speaker, USAA, San Antonio, Texas.

State of California, Special Training Credential, Class D Vocational, Peace Officer Training.

Full time credential issued by the California State Board of Education, which allows Teaching in grades 13 and 14.

State of California, Peace Officer Standards and Training, (POST).

Post Basic Certificate

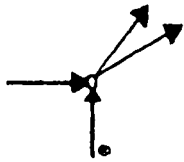
Post Advanced Certificate

Post Supervisory Certificate

Post Management Certificate

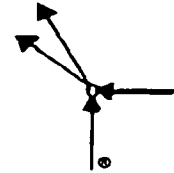
State of California, Merit Award Board, Certificate of Award.

Explosive Ordinance Reconnaissance.



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## **Curriculum Vitae Page 6**

### **California Highway Patrol Academy:**

- Speed from Skid Marks
- Advanced Speed from Skid Marks (Would be known as an Accident Reconstruction Class today).
- In Service Technical Training
- Pre-Sergeants Training
- Pre-Lieutenants Training
- Commanders Management Training
- Commanders Management Conference
- Management Conference of 1977

Industrial College of the Armed Forces, National Security Management

State of California, Governor's Emergency planning and Operations Conference.

California State Polytechnic University, Fifth Annual National Institute on Police – Community Relations.

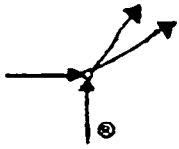
### **California State Department of Education:**

- Conference Leading
- Techniques of Teaching
- Teacher Training
- Twentieth Annual Technical Institute of Peace Officer Training
- Twentieth First Annual Technical institute of Peace Officers Training

Veterans of Foreign Wars, State Level, J. Edgar Hoover Gold Medal Award as the Most Outstanding Peace Officer in the State of California for the years 1973 and 1974.

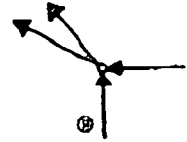
### **Affiliations, Past And / Or Present**

- North Area Police Administrators
- Southeast Police Chief's Associations
- San Gabriel Valley Police Chief's Association
- Greater Law Enforcement Executives, West End, San Bernardino County



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## **Curriculum Vitae Page 7**

San Bernardino Drug and Alcohol Toxic Abuse Committee  
 San Bernardino County Traffic Safety  
 Pomona Safety Council  
 Norwalk Traffic Safety Committee  
 California Association of Highway Patrolmen

Police science Advisory Committee for:  
 Chaffey Community College  
 Mount San Antonio Community College  
 Rio Hondo Community College  
 El Cerrito Community College

Criminal Justice Advisory Committee, University of La Verne  
 Society of Accident Reconstructionst (SOAR)  
 Ontario Chamber of Commerce  
 Southwestern Association of Accident Investigators (SATAI)  
 Southern California Fraud Investigators Association

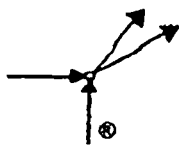
### **Affiliations**

The Society of Accident Reconstructionists  
 California Association of Highway Patrolmen (CAHP)  
 Southern California Fraud Investigation Association (SCFIA)

### **Supplemental Training**

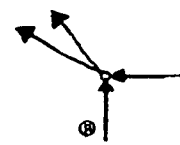
1999

SATAI meeting in Phoenix, AZ: 1) Staged Vehicle Under-ride Collision studies; 2) NTSB Commercial Vehicle Collision; 3) NHTSA Anti-lock Braking System; 4) NHTSA Sleep Disorders and Driving.  
 SATAI meeting in Laughlin, NV: 1) Linear Momentum; 2) Perspective; 3) Energy in Reconstruction.



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## **Curriculum Vitae**

### **Page 8**

1998

SATAI meeting in San Diego, CA: 1) Injury Patterns and Airbag Deaths: 2) Occupant Kinematics.

Low Speed Crash Studies-Collision Consultants, Inc. with Worley Jones and William Sommers. Seminar held at Haddick's Tow Company, 15120 East Valley Blvd., City of Industry, CA 91744. Personally drove 126 of these crash vehicles.

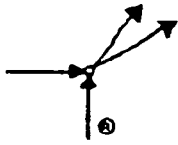
SATAI meeting in San Diego, CA; 1) Injury Patterns and Airbag Deaths: 2) Occupant Kinematics.

SATAI meeting in AZ: 1) Staged Motorcycle Collisions Studies: 2) Aerodynamics of Collision.

SATAI meeting in Laughlin, NV: 1) Vehicle Crush Measurements; 2) Insurance Fraud; 3) Biomechanics.

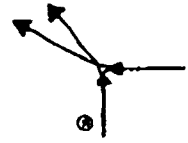
1997

Low Speed Crash Studies – Collision Consultants, Inc., with Worley Jones and William Sommers. Seminar held at Haddick's Tow Company, 15120 East Valley Blvd., City of Industry, CA 91744.



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## Curriculum Vitae Page 9

**Location:** California and Southwest

**Areas of Expertise:**

Expert in traffic accident investigation and reconstruction in the fields of automobiles, motorcycles, pedestrian, commercial vehicles loading and transportation and bicycles.

Skid mark analysis, determine speed from skid marks, driving under the influence of drugs/alcohol and recognition, occupant kinematics vehicle dynamics and driver training as well as police procedures.

Experience in staged and actual automobile, motorcycle, boat and aircraft incidents.