

CURRICULUM VITAE

WILLIAM O. (BILL) HAGERTY
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AREAS OF EXPERTISE

AUTOMOTIVE TIRES, FIRES AND BRAKES. -Tire failure analysis; Vehicle Fire Origin and Cause, Vehicle component failures (brakes, suspension, fuel systems); Alleged auto theft.

EDUCATION

Bachelor of Arts in Economics - Lafayette College, Easton, Pa

Master of Business Administration - Wharton School, University of Pennsylvania

CERTIFICATES OF COURSE COMPLETION AND SEMINARS ATTENDED

Tires: Tire Forensics

Tire Failure Analysis (2 courses)
Tire Construction and Manufacture
Tire Installation and Repair
Wheel Failure Analysis
Tire Litigation Issues (SAE)
Tire Safety Issues (SAE)
NDT of Radial Tires
Microscopy of Tire Failures
Chemical Analysis of Tire Failure Surfaces
Belt Misalignments and Tear Patterns
Shearography of Tires (2 courses)
Wheel Torque

Theft:

Vehicle Theft (NICB)
Mechanics of Vehicle Theft
Basic Locksmithing
Automotive Investigation Locksmithing
Field Service Methods for Auto Locks
Auto Theft Prosecution
Defeating Vehicle Security Systems
Auto Theft and Forensic Examinations
Automotive Transponders
Lock Picking

Expert Witness Preparation:

Law School for Experts
Spoliation of Evidence (2 Courses)
Preparation for Daubert (3 courses)

Fires: Vehicle Fire Investigation –26 Courses

Mechanics of Vehicle Fires
NFPA 921 – Guide for Fire Investigation
Fire Science and Technology
Fire Pattern Analysis
Current Trends in Fire Investigation
Fire Science and Technology
Electrical Fire Investigation

Brakes: ASE Certified Brake Technician

Hydraulic Brake Systems (SAE)
Brakes – Design and safety (SAE)
Truck Brake Systems
ABS Theory and Operation

MISC:

Sudden Acceleration (NHTSA)
Lamp Examinations (2 Courses)
Automatic Transmissions (SAE)
Automotive Electronics (SAE)
Insurance SIU Operations (2 Courses)
Interviewing Techniques
Airbags and Restraint Systems (2 Courses)
Insurance Fraud

Expert Witness Preparation (3 Courses)

Expert Witness Seminar (3 Courses)

Evidence In Civil Cases

PROFESSIONAL HISTORY

1995 - Present - **FORENSIC CONSULTANT: AUTOMOTIVE TIRES, FIRES AND BRAKES EXPERT, STANDARD OF CARE FOR AUTOMOTIVE TIRE/BRAKE/REPAIR BUSINESS**

Investigation of vehicle systems failures (tires, brakes, suspension and fuel); Vehicle Fire Origin and Cause; Vehicle Theft; Conducted over 2400 investigations consisting of Field Inspection, Photography and Report Writing, Depositions, Arbitration and Superior Court Testimony. Instructed multiple classes in Tires/Fires/Vehicle Theft.

1993 -1995 Private Investor/Consultant

1987 -1993 - OWNED AND OPERATED K&S TIRE AND WHEEL

Independent wholesale/retail automotive repair store. Official Uniroyal, Goodyear, BF Goodrich, Yokohama, Hoosier Tire Dealer. Sold, repaired, and adjusted thousands of all makes of tires on all makes of cars and light trucks. Received over 200 failed tires to return to manufacturers for possible warranty replacement. Replaced brakes, suspension components and did alignments. Became intimately familiar with Manufacturer Tire Guides, Fitment Guides, authorized substitutions. Analyzed failures to determine if manufacturer defect, road hazard or misuse. Sold Business 1993.

1977 - present - SCCA ROAD RACE TEAM OWNER AND DRIVER

Road race team owner and driver. Owned, Prepared and Raced 14 different race cars at hundreds of races on dozens of race tracks throughout the US. Since 1983, concentrated on Showroom Stock Classes (basically stock sedans) using DOT approved street tires on high speed race courses such as Willow Springs, Button Willow, Riverside, Laguna Seca, Sears Point, Mid Ohio and Road Atlanta. Won over 140 races and set 43 track records. Has extensive tire wear and failure experience with Goodyear, Yokohama, BF Goodrich, Hoosier and Kumho Tires. Tested various manufacturer brake and suspension components, often to failure. Personally replaced nearly every removable part on numerous cars just before (or after) failure.

1963 - 1985 - UNITED STATES NAVY - RETIRED AS A COMMANDER

United States Navy (retired as Commander). Commissioned in US Navy 1963. Held increasingly more responsible positions including Instructor, US Naval Academy; Supply Officer, US Naval Advisory Group, Saigon, Vietnam; Legal Officer, USS Niagara Falls (AFS3); Commanding Officer, Plant Rep Office, McDonnell Douglas; Director of Quality Assurance, Defense Industrial Supply Center. Received and gave training in probability and failure analysis. Analyzed failures on all types of hardware.

LICENSES/MEMBERSHIPS

Certified Vehicle Fire Investigator (CVFI #8444-3577V)
Certified Fire and Explosion Investigator (CFEI #8444-3577)
California Private Investigator (License #21488)
California Conference of Arson Investigators (CCAI)
International Association of Arson Investigators (IAAI)
National Association of Fire Investigators (NAFI)
ASE Certified Brake Technician
Tire Industry Association (TIA)
Insurance Chairman, San Diego Tire Dealers Association (1988-92)
Southern Association of Technical Accident Investigators (SATAI)
Society of Automotive Engineers (SAE)
International Association of Forensic Locksmiths (IAIL)
San Diego Forensic Consultants Association (SDFCA)
SCCA National Racing License Since 1977
Race Driving Instructor, SCCA
Note: On State Farm Insurance "Approved Vendor" list
On 21st Century Insurance "Approved Vendor" list
On Progressive Insurance "Approved Vendor" list

William O. Hagerty
Consulting Case Summary through 6/1/06
Lead Investigator

| | |
|---|----------|
| Car/truck/motor home/trailer <u>fire origin/cause</u> | 891 |
| Wheels/tires | 635 |
| Brake failure | 357 |
| Stolen vehicle recovery | 100 |
| Engine failure | 89 |
| Vehicle inspection | 92 |
| Steering failure | 76 |
| Unintended sudden acceleration | 66 |
| Transmission/axle failure | 33 |
| Suspension failure | 27 |
| Seat belt issues | 10 |
| Headlights on? | 7 |
| Motor Home water damage | <u>7</u> |
| Total cases | 2390 |
| Plaintiff cases (P) | 739 |
| Defense (insurance company) (D) | 1651 |

**William Hagerty
DBA GEMINI CONSULTING, Inc
(619) 981-8840 cell (760) 735 3222 ph (760) 735 8074 fax**

**Fee Schedule
November 1, 2004**

Our regular rates are:

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|-----------------------------------|---------------------------------------|
| Investigation/Consultation: | \$195/hr |
| Travel hours | \$195/hr |
| Deposition/Arbitration/Court: | \$250/hr |
| Mileage: | .50/mile |
| Photographs | \$2.00 each (2 copies plus negatives) |
| Phone: (long distance/mobile) | as incurred |
| Outside test labs/travel expenses | as incurred |
| Travel (air/rental car/parking) | as incurred |