

### Professional Summary:

Scott Sayban is a court-recognized expert in collision reconstruction with over 38 years of experience. He has participated in more than 2,000 on-site collision investigations and reviewed hundreds of additional cases. His expertise includes advanced collision scene diagramming, utilizing 2D and 3D animation, Total Station mapping, 3D scanning, and photogrammetry.

Mr. Sayban's investigative work spans a wide range of incidents involving trains, planes, helicopters, off-road vehicles, and all classes of road vehicles. He also brings significant experience in Workmen's Compensation and fraud claim investigations. In addition to his fieldwork, Mr. Sayban is highly skilled in the collection and preservation of physical evidence. He has contributed to the design and execution of staged collision training scenarios and has taught courses on vehicle dynamics.

### Areas of Expertise:

- Collision Investigations and Reconstruction of passenger vehicles, commercial vehicles, off-road vehicles, trains, pedestrians, motorcycles and bicycles.
- Certified Event Data Recorder Technician
- Certified Event Data Recorder Analyst
- Occupant Kinematics

### Licenses and Certifications:

Certified Forensic Locksmith, General and Automotive

Accreditation Commission for Traffic Accident Reconstruction (ACTAR) #2739

Certified Crash Data Retrieval (CDR) Technician and Analyst

Certified Investigator, Rio Salado College, Arizona Certified General Instructor, Arizona Peace Officer Standards and Training Board

Certified Radar Operator

### Project Experience:

#### **Dual Helicopter Mid-Air Collision Scene Investigation, Phoenix, AZ**

Tasked with the investigation of the entire ground area documentation and collection of evidence for the FAA and NTSB, covering a quarter mile. This involved total station mapping of several scenes to map together to create the finished diagram product, which also took into account wind direction at the time of the collision.

#### **Passenger Vehicle Collision Analysis, Phoenix, AZ**

Tasked with the at-scene investigation of a single vehicle collision involving an occupant being thrown from the vehicle during a high-speed rotation. The collision was reconstructed using a total station, occupant kinematics and rotational analysis.

**Off-Road Vehicle Collision Analysis, Phoenix, AZ**

Tasked with analysis of a fatal collision involving a dirt bike and a quad colliding from a blind corner of native foliage. The collision was reconstructed with the use of a total station after identifying proper tire marks in the dirt for the involved vehicles. The use of energy computations was used in the determination of vehicle speeds at the point of impact.

**Heavy Rail Train and Pedestrian Collision, Phoenix, AZ**

Tasked with documentation and establishing the sequence of events resulting in the collision between the train and pedestrian. The Project included the retrieval and review of the trains data recorder and timing and activation of the crossing signals.

**Professional Experience:**

EFI Global, Inc., Western Region Principal Accident Reconstructionist, 2022 - Present  
Infortal Worldwide, Investigations Manager, 2018 - 2020  
Stanford Healthcare and clinics, Lead Security Officer, 2015 – 2018  
G4S Compliance and investigations, SIU Investigator, 2014 – 2015  
Phoenix Police Department, Detective, 1987 - 2014

**Specialized Education:**

American Center for Locksmithing, 2025  
Professional Locksmiths of America, 2025  
SATAI Southwest Association of Traffic Accident Investigators, Spring Conference, 2025  
26th Annual Anti-Fraud Conference, NCFIA, CDAA, CDI and NICB, 2015  
ARC-CSI Crash Conference, ARC Network, 2013  
Crash Data Retrieval Summit, Crash Data Group, 2013  
Faro Focus 3D Laser Scanner, Allen Instruments, 2012  
Digital Photography for Traffic Crash Investigations, IPTM, 2012  
Event Data Recorder Technician and Analyst, IPTM, 2011  
Occupant Kinematics for Traffic Crash Reconstruction, IPTM, 2011  
Grade Crossing Collision Investigation, Burlington Northern & Santa Fe Railroad Co., 2009  
Bosch Standardized Crash Data Retrieval Data, Technician/ Analyst, Collision Safety Inst., 2008  
Special Problems in Traffic Crash Reconstruction, IPTM, 2008  
Commercial Vehicle Collision Investigation and Air Bake Systems, Dr. Rudy Limpert, 2007  
Traffic Crash Reconstruction Update, IPTM, 2006  
Human Factors in Traffic Crash Reconstruction, IPTM, 2005  
Speed Determination from Collision Damage, Collision Reconstruction Engineers Inc, 2005  
Special Problems in Traffic Crash Reconstruction, IPTM, 2004  
Transit Rail Incident Investigations, U.S. Department of Transportation, 2003  
Inspection and Investigation of Commercial Vehicle Crashes, IPTM, 2002  
Special Problems in Traffic Crash Reconstruction, IPTM, 2002  
Occupant Kinematics/Injury Mechanisms, Motor Vehicle Collisions, U.C. California, Riverside, 2001  
Vehicle Dynamics, Northwestern University, 2000 Acceleration and VC2000PC Training, Vericom, 2000

**Education:**

Bachelor's Degree in Criminal Justice, California Coast University, Santa Ana, CA, Attending

### Affiliations:

Southwestern Associate of Traffic Investigations (SATAI)  
National Associations of Professional Accident Reconstruction Specialist, Inc. (NAPARS)  
California Association of Accident Reconstruction Specialists (CA2RS)  
Northern California Fraud Investigators Association (NCFIA)  
Phoenix Law Enforcement Association (PLEA)

### Courses Instructed/ Guest Lecturer:

Collision Reconstruction and Evidence Collection  
At-scene Collision Investigations  
Courtroom Demeanor  
Vehicle Dynamics  
Visual Statements Edge FX  
Arizona Traffic Law

### Honors and Awards:

Employee of the Month, Stanford Healthcare and Clinics, 2018  
Police Chiefs Unit Award, Phoenix Police Department, 2013  
Recognition of Excellence, Phoenix Police Department, 2012  
Certificate of Recognition, Phoenix Police Department, 2010  
Police Chiefs Unit Award, Phoenix Police Department, 2007  
Distinguished Service Award, Phoenix Police Department, 2008  
Distinguished Service Award, Phoenix Police Department, 2007  
Employee of the Month, Phoenix Police Department, 1996  
Employee of the Month, Phoenix Police Department, 1995  
Certificate of Recognition, Phoenix Police Department, 1995  
Certificate of Recognition, Phoenix Police Department, 1995  
Medal of Lifesaving, Phoenix Police Department, 1989  
Employee of the Month, Phoenix Police Department, 1989