



Kauderer & Associates

Traffic Accident Reconstruction Experts

CURRICULUM VITAE OF JOEL SALINAS, ACTAR

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PROFESSIONAL CREDENTIALS

Full Accreditation as a Traffic Accident Reconstructionist (ACTAR #1569)
State of California - Commission on Peace Officer Standards and Training (POST) - Basic, Advanced, Supervisory, and Management Certificates
MapScenes Certified Training Instructor
CadZone Certified Instructor

EMPLOYMENT HISTORY

Vallejo Police Department, Vallejo, CA	1988 – Present
Joel Salinas & Associates, Vacaville, CA	2006 – Present
California Highway Patrol, Oakland, CA	1984 – 1988

EDUCATIONAL BACKGROUND

Saint Mary's College, Moraga, CA, 1991	B.A. Degree – Management
Solano Community College, Suisun, CA, 1988	A.S. Degree – Criminal Justice

SPECIALIZED TRAINING

- CA2RS Conference – Crash Reconstruction Topics, 20 hrs, Anaheim, CA, 2011
- Rhino 3D Software Training – 24 hrs, 2011
- Leica Scanner Basic Training Course, 30 hrs, Austin, TX, 2011
- ARAS 360 – Animation Course, 24 hrs, Vallejo, CA, 2011
- CA2RS Conference – Crash Reconstruction Topics, 20 hrs, South Lake Tahoe, CA, 2010
- MapScenes Point Cloud, 24 hrs, Kelowna, BC, Canada, 2010
- Visual Statement – Edge FX, 24 hrs, Pleasant Hill, CA, 2010
- ARC-CSI Conference, 20 hrs, Las Vegas, NV, 2010
- EDC - HVE 2010 Forum – Using EDCrash and EDSMAC, 20 hrs, San Antonio, TX, 2010
- IPTM - Energy Methods and Damage Analysis, 40 hrs, Tempe, AZ, 2009
- CA2RS Conference - Crash Reconstruction Topics, 20 hrs, Anaheim, CA, 2009
- DUI Standardized Field Sobriety Testing (SFST), 16 hrs, CHP, Vallejo, CA, 2009
- Autodesk - 3D Studio Max Level 1, 32 hrs, Mark Gerhard, Napa, CA, 2009
- IPTM - Motorcycle Crash Investigation, 40 hrs, Al Baxter, Vallejo, CA, 2009
- Google SketchUp Training, Essentials to Advanced Skills, 16 hrs, Mike Tadros, Davis, CA, 2009
- EDC - HVE - EDC Simulations Using HVE, 36 hrs, Terry Day Northridge, CA, 2009
- CA2RS Conference - Crash Reconstruction Topics, 12 hrs, Sacramento, CA, 2009
- Advanced MapScenes 3D and Capture Training, 40 hours, Kelowna, BC, Canada, 2008
- CA2RS - Vehicle Factors in Crash Reconstruction, 8 hrs, Kent E. Boots, Sacramento, CA, 2008
- Crash Data Retrieval System – Technician Course, 8 hrs, FactualDiagrams.com, Vallejo, CA, 2008
- PSFM - Forensic Mapping System - Recertification Program, Jacksonville, FL, 2008
- IPTM - Special Problems - Traffic Crash Reconstruction, 36 hrs, Jacksonville, FL, 2008
- Crash Data Retrieval - User's Conference, 20 hrs, Houston, TX, 2008
- CA2RS - Bicycle Collision Investigation, 8 hrs, Roman Beck, Vallejo, CA, 2008
- Traffic Collision - Vehicle Dynamics, 40 hrs, Contra Costa S.O., CA, 2007

- CA2RS Conference - CA2RS Toolbox, 20 hrs, Anaheim, CA, 2007
- CA2RS - Vehicle Damage & Crush Measurement, 8 hrs, Boots & Kauderer, Healdsburg, CA, 2007
- CadZone Instructor - Certified as a CadZone Instructor, Sacramento, CA, 2007
- MapScenes Instructor Training Course, 24 hrs, MapScenes, Las Vegas, NV, 2007
- CA2RS - Forensic Mapping Revisited, 8 hrs, Mick Capman, Vallejo PD, CA, 2007
- Forensic Mapping - MapScenes Certified Training Course, 80 hrs, Mike Selves, IA, 2007
- Cad Zone - Advanced Crash/Crime Scene Diagramming, 16 hrs, Contra Costa S.O. CA, 2007
- Forensic Mapping Training with MapScenes 2006, 40 hrs, Steve Gatterman, Vallejo, CA, 2007
- Vericom - Acceleration and Familiarization Course, 12 hrs, Vallejo PD, CA, 2007
- CA2RS - Crash Data Retrieval Technician Course, 8 hrs, Kent Boots, Vacaville, CA, 2007
- CA2RS Conference - Crash Reconstruction Start to Finish, 20 hrs, South Lake Tahoe, CA, 2006
- Cad Zone - Crash Zone Training Class, 40 hours, George Maglaras, San Diego, CA, 2006
- Traffic Collision Reconstruction Level 2, 40 hrs, Contra Costa S.O., CA, 2006
- Pursuit Immobilization Technique (PIT) Instructor, 8 hrs, CHP Academy, CA, 2006
- Crash Data Retrieval - Technician & Analyst Course, 40 hrs, Rusty Haight, Vallejo PD, CA, 2006
- ARC-CSI Conference, 28 hrs, Las Vegas, NV, 2006
- Auto - Pedestrian Traffic Collision Investigation, 40 hrs, WeCare, Vallejo PD, CA, 2006
- Traffic Collision - Computer Aided Diagramming, 40 hrs, Contra Costa S.O., CA, 2006
- Crash Data Retrieval – User’s Conference, 16 hours, Dallas, TX, 2006
- CA2RS - Anti-Lock Braking Systems, 8 hrs, Alan Coulter / Wes VanDiver, Vallejo PD, CA, 2006
- Forensic Mapping Training, 24 hrs, Sokkia Corporation - Duke Dutch, Vallejo, CA, 2005
- Forensic Mapping Training - MapScenes 2006 Update, 40 hrs, Steve McKenzie, Yuma, AZ, 2005
- CA2RS Conference - Investigating Emergency Vehicle Collisions, 20 hrs, Temecula, CA, 2005
- IPTM, Methodology and Techniques of Crash Data Retrieval, 24 hrs, San Jose, CA, 2005
- CA2RS - Commercial Vehicle Brake Inspections and Braking Efficiency, 8 hrs, Hayward, CA, 2005
- CA2RS - Forensic Mapping and Diagramming, 8 hrs, Duke Dutch, Stockton, CA, 2005
- CA2RS Conference - Motorcycle Investigation and Reconstruction, 20 hrs, Santa Rosa, CA, 2004
- CA2RS - Momentum Review, 8 hrs, Stockton, CA, 2004
- Traffic Collision - Vehicle Dynamics (Speed from Crush), 40 hrs, Contra Costa S.O., CA, 2003
- CA2RS Conference – Cars versus Bikes, 20 hrs, Anaheim, CA, 2003
- Vericom – Acceleration and Familiarization Course, 13 hrs, Sacramento, CA, 2003
- Forensic Mapping Training with MapScenes Pro, 40 hrs, Vallejo PD, CA, 2003
- Traffic Accident Reconstruction, 80 hrs, Contra Costa S.O., CA, 2003
- Advanced Accident Investigation, 80 hrs, Contra Costa S.O., CA, 2003
- CA2RS - Tire Forensics - Mechanics and Inspection, 8 hrs, Thomas Giapponi, Concord, CA, 2003
- CA2RS Conference - Heavy Vehicle Reconstruction, 24 hrs, Anaheim, CA, 2002
- Police Pursuit Liability Update, 8 hrs, CPOA, 2000
- Driver Training / PIT Training, 8 hrs, Napa College, 2000
- EVOC Update, Alameda S.O., 8 hrs, Pleasanton, CA, 1998
- Dual Purpose Motorcycle Training, 80 hrs, Oakland PD, CA, 1996
- Police Pursuit Liability Update, 8 hrs, CPOA, San Francisco, CA, 1994
- Drug Influence / 11550 H&S, 32 hrs, California DOJ, Sacramento, CA, 1994
- Driver Awareness / EVOC, 8 hrs, Vallejo PD, CA, 1993
- Driver Training Instructor, 40 hrs, Contra Costa Training Center, CA, 1992
- Radar Operator Update, 8 hrs, Vallejo PD, CA, 1991
- Driver Awareness Instructor, 24 hrs, Contra Costa Training Center, CA, 1990
- Traffic Accident Reconstruction, 80 hrs, Sacramento Regional Training Center, CA, 1990
- Radar Operator Training, 32 hrs, Sacramento Regional Training Center, CA, 1990
- Motorcycle Training, 80 hrs, San Mateo PD, CA, 1989
- Drug & Alcohol Recognition Update, 24 hrs, Sacramento Regional Training Center, CA, 1989
- Speed from Skid Marks, 40 hrs, CHP Academy, 1987
- Advanced Accident Investigation, 80 hrs, CHP Academy, 1987
- Drug Recognition Expert (DRE), 44 hrs, CHP Academy, 1985
- California Highway Patrol Academy, Bryte, CA, 1984

EXPERT WITNESS TESTIMONY

Qualified as a Motorcycle Expert and an expert in Forensic Mapping in San Joaquin County, Stockton, California.

Qualified as an expert in Traffic Accident Investigation and Speed from Skid Marks in Alameda County Superior Court and in Contra Costa County Superior Court.

Qualified as an expert in Traffic Accident Investigation, Speed from Skid Marks, Traffic Accident Reconstruction, and Forensic Mapping in Solano County Superior Court.

Deposed as an expert in Traffic Accident Reconstruction and Speed Surveys.

PUBLICATIONS

Fundamentals of Forensic Mapping, Kinetic Energy Press, ISBN 978-0-9716631-0-4, 2010

PROFESSIONAL AFFILIATIONS

Accreditation Commission for Traffic Accident Reconstruction (ACTAR)
California Association of Accident Reconstruction Specialists (CA2RS) - Board Member
National Society of Professional Accident Reconstruction Specialists (NAPARS) – Member
Northern California Fraud Investigators Association (NCFIA) - Member
Professional Society of Forensic Mapping (PSFM) – Member – PSFM Approved Instructor
State of California - Commission on Peace Officer Standards and Training (POST), Officer Involved Traffic Collisions Committee (OITC) - Committee Member

RELATED EXPERIENCE

Law Enforcement - Four years as a Traffic Officer with the California Highway Patrol where primary duties were traffic enforcement and accident investigation. Twenty-three years with the Vallejo Police Department, currently serving as a Lieutenant.

Over twenty-seven years of experience investigating and reconstructing traffic collisions. Investigated or assisted in the investigation of over 1000 traffic collisions. Primary accident reconstructionist for the Vallejo Police Department serving as the lead investigator and/or providing assistance and direction to other officers in the investigation of fatal and major injury collisions.

Over 1000 hours of training specific to accident investigation and reconstruction.

Manage the driver training program for the Vallejo Police Department. Review officer involved collisions and make training recommendations.

35 years of motorcycle riding experience with 21 years of law enforcement motorcycle riding experience.

Private Accident Reconstruction - Joel Salinas and Associates, providing forensic mapping, laser scanning, collision reconstruction services, animations, training and consulting.