



Kauderer & Associates

Traffic Accident Reconstruction Experts

**CURRICULUM VITAE OF
MAURICE C. BIRCHER**

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Profile:

I am a retired Transportation Supervisor with a total of thirty eight years of service with a Transportation agency. I have a variety of experience in the area of inter-city transportation; Serving as a Motor Coach Operator, Transportation Supervisor, Senior Supervisor, Accident Specialist, and Assistant Superintendent. I have also served as a Reserve Police Officer, and Private Investigator's operative.

Employment:

Alameda/ Contra Costa Transit District

03/2006 – 01/2010

Federally Mandated Random Drug Testing Program.

Position: Transportation Supervisor.

- Duties:**
- > Notify Safety Sensitive employees of intent to collect urine samples.
 - > Take Safety Sensitive employees to urine collection site.
 - > Remove employees from service found under the influence of a substance.
 - > Report findings to proper authorities and recommend rehabilitation programs.

Alameda/ Contra Costa Transit District

12/1965 - 02/2002

A large inter-city

Position: Transportation Supervisor.

- Duties:**
- > Conduct more than 500 Accident Investigations and write reports..
 - > Monitor Daily On Time Operation.
 - > Caution and Re-instruct bus operators on Policy, Law, and Safety issues.
 - > Resolve Bus Operator and passenger disputes.
 - > Work in cooperation with Police with matters of law occurring on a bus.
 - > Explain various policies to the public/listen and report complaints.

Private Investigators' - operative.

1993 – 1997

I worked for several licensed Private Investigators during this period. I worked part-time as an operative.

Position: Investigators' Operative.

- Duties:**
- > Conduct Surveillance.
 - > Investigate Fraudulent Insurance claims.
 - > Video tape activity of fraudulent claimants.
 - > Give court testimony on reports and findings.
 - > Discover and report fraudulent automobile accidents.

Associate Staff Instructor

July 2000 - 2011

I worked as an Associate Staff member of the Transportation Safety Institute. A part of the Department of Transportation's Research and Innovative Technology Administration (RITA).

Position: Associate Staff Instructor

Duties:

- > Assist with classroom setup
- > Team teach with other associate staff instructors and lead instructor
- > Present 40 hours of course materials concerning Bus Collision Investigation
- > Give instruction for the fundamentals, intermediate and advanced courses.

Education:

California State University **1997 – Hayward California**

- **Mass Communications – Major**
- **Business – Minor**

Contra Costa College

- **Business Administration**

1966 – 67 – Richmond California

Vallejo High School

1959 – Vallejo California

Specialized Training:

California Association of Accident Reconstruction Specialist
San Jose California April 11, 2011-06-27

- Vehicle Inspection & Analysis for Repair & Fraud

California Association of Accident Reconstruction Specialist
Sacramento California August 2010

- Collision Fraud Investigation 8 hours

California Association of Accident Reconstruction Specialist
San Jose California February 2010

- Investigation and Analysis of Rollover Collisions

California Association of Accident Reconstruction Specialist
Davis, California January 2002

- Injury Mechanisms During Motor Vehicle Collisions

California Association of Accident Reconstruction Specialist
Anaheim, California October 2009

- Traffic Signal Intersections Auto- Ped Crashes, Auto-Bike Crashes
- Vehicular Homicide Prosecution Cases Validation of Searle Formulae

California Association of Accident Reconstruction Specialist
Sacramento California May 2009

- Seatbelt Analysis & Occupant Kinematics

Accident Dynamics Research Center
Sacramento California August 2009

- Human Factors for Traffic Accident Reconstruction

AC Transit Substance Abuse Compliance Unit. April 2008 – Oakland California
• Breath Alcohol Technician Course
• Certification by MEDI instructor, Dr. Charles Fankhauser, PhD.

California Association of Accident Reconstruction Specialist May 2008
Vacaville, California
• Intersection Collisions

California Association of Accident Reconstruction Specialist. October 2008
Sacramento California
• Comparing Methods of Measuring Drag Factor - Critical Speed/Yaw
• Investigating Roll-over Collisions - Momentum & Crush
• Human factors & Visibility - Crash Photography Issues

CDR Crash Data Retrieval System January 2007 – Concord California
• CDR System Technician
• Certification by CDR Crash Data Retrieval Systems.

Vericom Computers Inc. January 2007 – Vallejo California
• Acceleration and Vericom Familiarization
• Certification by Vericom Computers Inc.

Transportation Safety Institute November 2007 – San Francisco California
• Substance Abuse Management and Program Compliance
• Certification by U. S. Department Of Transportation. (TSI)

California Association of Accident Reconstruction Specialist July 2005
Hayward California
• Commercial vehicle brake inspections & determining braking efficiency

Transportation Safety Institute March 2004 – Oklahoma City, Oklahoma
• Federal transit Administration's course in Instructor Excellence
• Certification by U. S. Department Of Transportation. (TSI)

California Association of Accident Reconstruction Specialist 2004
Pittsburg, California
• Vehicle Lamp Analysis

Collision Safety Institute, Inc. April 2003 – Concord California
• Crash Data Retrieval (CDR) System Operator
• Certification by CSI

ARC – CSI Crash Conference June 9 – 12, 2003 Las Vegas, Nevada
• Airborne Events – Analysis and Modelling
• Commercial Vehicle Event Data Recorders
• Crush
• From Scene to Court Room
• Collision Trauma Biomechanics

Northern California Fraud Investigators Training Institute April 2002 – Monterey California
• Identity Theft Elder Abuse
• Health Care Fraud How Much Does Fraud Cost

Northern California Fraud Investigators Training Institute April 2001 – Monterey California
• The Book on Fraud Russian Organized Crime
• Tracking The Defrauder Insiders Fraud Perspective

California Association of Accident Reconstructions Specialist (Ca2rs). October 2001
Concord California.

- A Collision Odyssey – Three Day Conference
- Sponsors; CA2RS, SOAR, TAARS, WATAI, FARO
- Incident Management - Staged Collisions - Insurance Fraud - Momentum Basics
“Do’s & Don’ts”
- CA2RS Certificate of Attendance.

Los Medanos College January 2000 – Pittsburgh California

- Computer Assisted Diagramming
- Certified by Peace Officer Standards in Training. (P.O.S.T.)

Transportation Safety Institute March 2000 – Hayward California

- Fundamentals of Bus Collision Investigation.
- Certification by U. S. Department Of Transportation. (TSI)
Oklahoma City Oklahoma

Northern California Fraud Investigators Training Institute April 2002 – Monterey California

- Utilizing photography to detect property damage fraud
- Computer Forensics Investigation of Ring Activities.
- Legal Bounds of Surveillance

AC Transit – Training and Education Center May – September Hayward California

- Leadership 2000
- Certified by University Of California Berkeley Extension.

Los Medanos College May 1999 - Pittsburgh California

- Instructor Development Course
- Certified by P.O.S.T.

Northern California Fraud Investigators Training Institute April 1999 – Monterey California

- Accident Reconstruction: Lecture and Live Demos.
- Fraud Investigation on the Internet

Northern California Fraud Investigators Training Institute April 1998 – Monterey California

- Interviewing Techniques using Neurolinguistics, - mind over body.
- Defending your case through human factors/visual effects evidence
- Sexual Harassment – overview of current laws.

Los Medanos College February 1998 – Pittsburgh California

- Driver Judgement Simulator Course
- Certified by P.O.S.T.

Northern California Fraud Investigators Training Institute March 1997 – Monterey California

- Photograph & Appraise – parts 1 & 2 Lecture and Demo’s
- Gangs & Rings – recent trends
- Court Room Demeanour

Los Medanos College March 1997 – Pittsburgh California

- Traffic Accident Reconstruction
- P.O.S.T. Certified

Curriculum Vitae of Maurice C. Bircher

- AC Transit – Training and Education Center 1996 – Hayward California
- 30 hour course in Accident Investigation
 - Certificate of Completion
- Northern California Fraud Investigators Training Institute April 1996 – Monterey California
- Recon: I analysis of the “Crash Test.” Recon II – Low Speed Impact
 - How to investigate Fraudulent Traffic Collisions using Reconstruction
 - Gathering evidence through the interview.
- Los Medanos College February 1995 – Pittsburgh California
- Advanced Traffic Accident Investigation
 - P.O.S.T. Certified
- Northern California Fraud Investigators Training Institute April 1995 – Monterey California
- No Impact/Low Impact Collisions
 - “Greed, Avarice and the Low Speed Auto Accident”
- Transportation Safety Institute June 1995 – San Francisco California
- Transit Explosives Incident Management Seminar
 - Certification by U. S. Department Of Transportation. (TSI)
- Los Medanos College August 1994 – Pittsburgh California
- Intermediate Traffic Accident Investigation
 - P.O.S.T. Certified
- Los Medanos College May 1994 – Pittsburgh California
- Basic Traffic Accident Investigation
 - P.O.S.T. Certified
- Northern California Fraud Investigators Training Institute March 1994 – Monterey California
- Uncovering Fraud: A Media Perspective
 - Legislative and Legal Update: Detection and Defence of Suspected Fraud Claims
- California Commission on Peace Officer Standards and Training June 1994
Fremont California
- Firearms Familiarization and Safety
 - P.O.S.T. Certified
- California Commission on Peace Officer Standards and Training June 1994
Fremont California
- Powers of Arrest
 - P.O.S.T. Certified
- Northern California Fraud Investigators Training Institute April 1993 – Monterey California
- The Art of Statement Taking
 - Current Schemes of Auto Fraud, (Staged Accidents).
- AC Transit May 1987 – Hayward California
- Managing Conflict
 - Letter of Completion – Michal Settles Director of Administration

Publications:

Co-Authored Deceleration testing on Busses, Technical data collection. Posted to the World Wide Web. Distributed to members of California Association of Accident Reconstruction Specialist. July 2000.

Analysis of Collisions and trends at Ac Transit. Presented to Executive Staff in June of 2001. Distributed to Associate Staff members of The Transportation Safety Institute.

Professional Memberships:

Northern California Fraud Investigators Association, (N.C.F.I.A.).
California Association of Accident Reconstruction Specialist (CA2RS) August 1998 to Present.

NOT FOR DISCLOSURE