

Steve Harbinson
Collision Analysis and Reconstruction, LLC
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EXPERIENCE:

Basic Collision Investigations since 1991
Pullman Police Department 1991 - 1995
Edmonds Police Department 1995 - September 2015

Technical Collision Investigator since 1998
Major Accident Response Team - Edmonds Police Department

Accident Reconstructionist since 2000
Lead or co-lead investigator- Edmonds Accident Response Team

Collisions Investigated since 1991 - approximately 2,500

Civil Cases Investigated since 2003 - approximately 1,900

Serious Injury and Fatality Collisions Investigated - greater than 100
Lead investigator on at least 45 major collisions

Reconstruction Expert - recognized by Superior Court Judge in 2003, testified in excess of 235 times on criminal and civil cases as an expert

ADVANCED TRAINING:

Advanced Accident Investigation
1996 - 80 hours

Technical Accident Investigation
1998 - 120 hours

Motorcycle Accident Reconstruction
1999 - 40 hours

Collision Investigation Reconstruction
2000 - 132 hours

Pedestrian / Bicycle Crash Investigation
2002 - 40 hours

Damage and Energy Applications for Collision Reconstruction
(Crush Analysis) - 2002 - 40 hours

Total Station Collision and Crime Scene Mapping
2006 - 40 hours

Advanced Motorcycle Accident Reconstruction
2008 - 40 hours

Commercial Vehicle Inspection Course
2008 - 120 hours

Pedestrian Reconstruction
2009 - 40 hours

Crash Data Retrieval (CDR) System Analyst/Operator's Course
2011 - 40 hours

Advanced Collision Reconstruction with CDR Applications
2012 - 40 hours

ADVANCED TRAINING CONTINUED:

Collision Reconstruction Update

2015 - 40 hours

Crash Data Retrieval (CDR) System Analyst/Operator's Course

2015 - 40 hours

HVE Forum Workshop for Engineering Dynamics Corporation-2D

2017 - 34 hours

Event Data Recorder use in Traffic Crash Reconstruction-Level 1

2017 - 40 hours

HVE Forum Workshop for Engineering Dynamics Corporation

Advanced HVE 2D 2018 - 34 hours

Forensic Video Analysis Workflow Training - Input Ace

2018 - 16 hours

HVE Forum Workshop for Engineering Dynamics Corporation

Advanced HVE 2D 2019 - 34 hours

Heavy Vehicle Event Data Recorder Use in Traffic Crash Investigation

Analyst Training 2020 - 38 hours

HVE Forum Workshop for Engineering Dynamic Corporation

Advanced HVE 3D - 2021 - 32 hours

WATAI 2021 FALL CONFERENCE - Virtual Conference

Identification and Application of Human Factors and Visibility Issues in

Traffic Collision Reconstruction - Bill Messerschmidt, Jeff Suway, Jim

Sobek, John Lloyd, Swaroop Dinakar, and Lou Peck – 20 hours

HVE Forum Workshop for Engineering Dynamics Corporation

Advanced HVE 3D - 2022 - 32 hours

WATAI 2022 Spring Conference – Virtual conference

Advanced Reconstruction with EDR Applications

Using Excel in Traffic Collision Reconstruction

Gregg Russell, Accident Analysis and Reconstruction – 16 hours

WATAI 2022 Fall Conference – Virtual conference

Crash Reconstruction at Traffic Signal Intersection and Current

Topics in Traffic Engineering for Crash Reconstruction

Daren E. Marceau, P.E.- 2022 - 16 hours

Motorcycle Collision Reconstruction

Louis R. Peck, P.E. - November 2022 - 25

Event Data Recorder use in Traffic Crash Reconstruction-Level 2

Andy Rich February 2023 – 40 hours

WREX 2023: WORLD RECONSTRUCTION EXPOSITION – Orlando, FL

A Historical Perspective on Technology in Reconstruction, Then and Now

Wade Bartlett – 1.5 hours

The Future of Reconstruction: Data Driven

Louis Peck – 1.5 hours

Toyota TSS VCH Research and Testing

Tim Reust and James Morgan – 2 hours

The Importance of Tires in Accident Investigation

T.J. Tennent – 2 hours

ADVANCED TRAINING CONTINUED:

Next Generation GM ACM EDRs/ASCMS/Front Camera Module EDRs

Don Floyd – 2 hours

EDR Accuracy of Modern Vehicles

Rick Ruth – 2 hours

Accessing Toyota Event/Camera Data Through Tech Stream Software

Brad Muir, Nick Manz – 2 hours

Passenger Vehicle / Light Duty Truck EDR Update

Rick Ruth – 2 hours

The Forgotten Force – Motorcycle-to-Auto Side Impact Model

Andre Doria – 2 hours

Dashboard Cameras and Human Vision

William Messerschmidt – 2 hours

Automotive Test Equipment, DTC's, and Pre-Crash Data Sources

Kent Boots – 2 hours

Nighttime Recognition and Visibility

Swaroop Dinakar – 2 hours

Crash Testing of Tractor Trailers, Cars, SUV's and Motorcycles

et al. – 7 hours

Collision Reconstruction Midway Day

et al. – 4 hours

Crash Data – Review of Crash Day

et al. – 2 hours

WATAI 2023 Fall Conference – Virtual

Collision Investigation – Working with Video to Calculate Speed-16 hours.

Aaron Parker, Marc Boardman

Reconstruction of Collisions Using Alternative Methodologies

Greg Russell

SPECIALIZED TRAINING:

Basic Accident Investigations - 1994

Seatbelt and Child Restraint Safety Course - 1998

Train Collision Investigation - 1999

Collision Occupant Kinematics - 2000

Newtonian Law - 2000

Commercial Vehicle Training in Reconstruction - 2000

MapScenes Pro Diagramming Software - 2004

Excel for the Accident Reconstructionist - 2004

Advanced Forensic Mapping and 3-D Animation Programming - 2005

Crash Data Retrieval (CDR) System Operator - 2005

Police Photography Basic Digital - 2006

Crash Data Retrieval (CDR) Technician level 1 - 2011

Crash Data Retrieval (CDR) Technician level 2 - 2011

Aras 360 HD Advanced 3D Computer Diagramming and Animation - 2012

Crash Data Retrieval (CDR) System Operators / Analysis and Application Update Course - 2014

Steve Harbinson's Curriculum Vitae

ADDITIONAL EXPERIENCE AND TRAINING CONTINUED:

Police Bicycle Operator Course - 1991
Seatbelt Safety Instructor - 1996
DWI Detection and Standardized Field Sobriety Testing Instructor - 1998
Motorcycle Operator Course - 1997
Advanced Motorcycle Course - annually - 1997 - 2000
Advanced Motorcycle Course Instructor since 2001
Motorcycle Operator Instructor - 2001- present

PROFESSIONAL ASSOCIATIONS:

Edmonds Police Officers Association (EPOA) - 1995 - Sept 2015
EPOA President - 1996 - 2001
EPOA President - 2005 - April 2015
Shop Steward - 1996 - Sept 2015
Negotiation Committee - 1996 - Sept 2015
North American Motor Officers Association - 1997 - present
Conference Motorcycle Instructor - 2001 - present
Washington Association of Technical Accident Investigators - 2001 - present
Executive Board Member - 2003 – 2010
Executive Board Member – 2023 - present
National Association of Professional Accident Reconstruction Specialists
NAPARS Member - 2022

EDUCATION AND EMPLOYMENT:

Bachelor of Arts Degree - Social Science - 1991
Washington State University, Pullman, Washington
Pullman Police Department, Pullman, Washington 1991 - 1995
Edmonds Police Department, Edmonds, Washington 1995 - Sept 2015 - retired
Last Position - Traffic Detective