

Tyson Kropp

PO Box 402, Tuscola Texas, 79562

844-796-1050

tyson.kropp@collisionsvcs.com

www.collisionsvcs.com

Professional Experience

Scientific Collision & Reconstruction Services, LLC. – September 2016 to present

Owner

**Abilene Police Department Traffic Division – March 2021 to January 4th, 2024
(Honorably Retired)**

Traffic Investigations Unit, Collision Reconstructionist/Analyst

Abilene Police Department Traffic Division – January 2009 to March 2021

Police Motorcycle Operator and Instructor

Fatality Collision Investigation and Collision Reconstruction

Collision Investigation

Traffic Enforcement

Texas Transportation Code Instructor

Abilene Police Department Patrol Division – November 2004 to January 2009

Basic Police Services

Certificates and Accreditations

Accreditation Commission for Traffic Accident Reconstruction, ACTAR #3939

Part 107 Certified Remote Pilot

Crash Data Analyst

Crash Data Retrieval Specialist

Master Peace Officer – TCOLE

Police Motorcycle Instructor – Northwestern University

Basic Instructor - TCOLE

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Education

Forensic Training Group

Advanced Commercial Data Systems and Analysis
October 14th-15th, 2024, Tinley Park Illinois

Driver Research Institute

Interactive Driver Response Research User Forum
February 19th-21st 2023, Atlanta Georgia

Accident Analysis & Reconstruction, Inc. – Gregory Russell

Advanced Collision Reconstruction with CDR Applications
May 17th – 21st 2021, Oklahoma City Oklahoma

NAPARS - T.J. Tennent

Tire Forensics March 24th – 26th, Chattanooga Tennessee

Forensic Training Group

Heavy Vehicle Event Data Recorder (HVEDR) Use in Traffic Crash Investigation
Analyst Training – August 3rd - 7th 2020, Boise Idaho

Eugene Liscio

Photogrammetry 4 Forensics – July 6th - 7th 2020, online course

Lee Jackson

Commercial Motor Vehicle Crash Investigation – November 18th -22nd 2019
Beaumont Texas

Jeffery W. Muttart

Human Factors for Traffic Crash Reconstruction
December 3rd-7th 2019, Grapevine Texas

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John Daily

Crush Measurement and Analysis for Accident Reconstruction – TAARS 2017,
Dallas Texas

Collision Safety Institute

Crash Data Retrieval Data Analyst – October 23rd-27th 2017, San Antonio
Texas

International Association of Directors of Law Enforcement Standards and Training – Keith A. Ternes

Truck & Bus Enforcement Training (Train the Trainer) – July 19th 2016,
Abilene Texas

Ted Wilson

Search Warrant Writing – May 23-24th 2016, Abilene Texas

Texas Forensic Science Training & Consulting

Night Crime Scene Photography – March 10th 2016, Abilene Texas.

Collision Safety Institute

Crash Data Retrieval Specialist Level 1 and 2 – October 8-9th 2015, Odessa
Texas

Northwestern University

Police Motorcycle Instructor – December 2013, Houston Texas

Police Motorcycle Operator – December 2011, Houston Texas

C.A.R.S. Incorporated

Scientific Collision Reconstruction – August 2013, Abilene Texas

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TEEX

Advanced Collision Investigation – September 2008, San Antonio Texas

Abilene Police Academy

Basic Peace Officer – Began June 1, 2004, Abilene Texas

Computer Programs

Interactive Driver Response Research – Crash Safety Solutions

ARAS 360 – Faro Technologies

FARO Zone 3D

C.R.A.S.H.

Easy Street Draw

Quick Maps 3d

Accident Reconstruction Professional – Dirigo Software

Professional Organizations

Accreditation Commission for Traffic Accident Reconstruction (ACTAR)

Texas Association of Accident Reconstruction Specialists – T.A.A.R.S. Treasurer

National Association of Professional Accident Reconstruction Specialists (NAPARS)

Society of Automotive Engineers International (SAE)

Combined Law Enforcement Associations of Texas - CLEAT

Abilene Police Officers Association - APOA

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Teaching Experience

Forensic Training Group

Motorcycle Collision Investigation Techniques – IATAI 2024 Conference, Orland Park Illinois

CARS Incorporated

Scientific Collision Reconstruction – February 2022, Lubbock Texas

Advanced Collision Investigation (Momentum Applications), December 2021, Fort Worth Texas

Conservation of Linear Momentum, 360 Method, February 2019, Abilene Texas

Advanced Collision Investigation (Time and Distance), December 2018, Midland Texas

Abilene Police Department

Police Motorcycle Operation

Transportation Code Update

Advanced Collision Investigation Continuing Education (Traffic Division)

Low Light Photography (Traffic Division)

Abilene Police Academy

Texas Transportation Code

Basic Collision Investigation

Traffic Direction

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West Central Texas Council of Governments Law Enforcement Academy (Abilene and Brownwood)

Texas Transportation Code

Basic Collision Investigation

Traffic Direction

T.A.A.R.S. Seminars

Advanced Driver Assistance Systems – Alan Moore, 2024

Human Factors for Traffic Crash Investigation – Bill Messerschmidt, 2023

Advanced Heavy Vehicle Event Data Recorder Systems – Steve Anderson & James Loftis, 2022

Night-Time Accidents and Applied Human Factors Concepts for Accident Reconstruction – Jeff Suway, 2021

Night-Time Accidents and Applied Human Factors Concepts for Accident Reconstruction – Jeff Suway, 2020

Heavy Vehicle Event Data Recorder – Bill Messerschmidt & Shannon Burgess, 2019

CDR Update with Analysis for Accident Reconstruction – Jon Northrup, 2018

Crush Measurement and Analysis for Accident Reconstruction – John Daily, 2017

Video Analysis – Adam Cybanski, 2016

Crash Reconstruction Workshop and Review of Cases – 2015

Use of UAV's for Scanning, Mapping and Aerial Photography – Steve McKinzie, 2015

Measurement and Analysis of Crush Damage – Daniel Vomhof III, 2015

Evaluation and Analysis of Traffic Signal Timing – Daniel Vomhof III, 2015

Human Factors – Jeff Muttart, 2014

Turning Behavior – 2014

Daubert Proof Reports – 2014

HVEDR Analysis – 2014

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Other Conferences

Illinois Association of Technical Accident Investigators – Orland Park Illinois, 2024

World Reconstruction Exposition (WREX) 2023 – Orlando Florida, April 2023

Technical Reconstruction of Heavy Truck Crashes – SOAR 2019, Denver Colorado