

# Tyson Kropp

PO Box 402, Tuscola Texas, 79562

844-796-1050

[tyson.kropp@collisionsvcs.com](mailto:tyson.kropp@collisionsvcs.com)

[www.collisionsvcs.com](http://www.collisionsvcs.com)

## Professional Experience

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

Owner

**Abilene Police Department Traffic Division – March 2021 to current**

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

### **Accident Analysis & Reconstruction, Inc. – Gregory Russell**

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

### **NAPARS - T.J. Tennent**

Tire Forensics March 24<sup>th</sup> – 26<sup>th</sup>, Chattanooga, Tennessee

### **Forensic Training Group**

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

### **Eugene Liscio**

Photogrammetry 4 Forensics – July 6<sup>th</sup> - 7<sup>th</sup> 2020, online course

### **Lee Jackson**

Commercial Motor Vehicle Crash Investigation – November 18<sup>th</sup> -22<sup>nd</sup> 2019  
Beaumont Texas

### **Jeffery W. Muttart**

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

### **John Daily**

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

### **Collision Safety Institute**

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

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

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

## **Ted Wilson**

Search Warrant Writing – May 23-24<sup>th</sup> 2016, Abilene Texas

## **Texas Forensic Science Training & Consulting**

Night Crime Scene Photography – March 10<sup>th</sup> 2016, Abilene Texas.

## **Collision Safety Institute**

Crash Data Retrieval Specialist Level 1 and 2 – October 8-9<sup>th</sup> 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

## **TEEX**

Advanced Collision Investigation – September 2008, San Antonio Texas

## **Abilene Police Academy**

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

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## 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

## Teaching Experience

### **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

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## **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

## **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 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

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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

## Other Conferences

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