FCIR FORENSIC COLLISION
INVESTIGATION &
RECONSTRUCTION LTD

Andrew Slark

BSc (Hons), ChFP (Collision), AAE, MIMI, MITAI, CSFS.

Senior Consultant

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Collision Investigation

I am a qualified independent Forensic Collision Investigation Consultant and Vehicle Examiner. I am experienced in investigating road traffic collisions from my own scene examination and also from the evidence obtained by others. I am experienced in the peer review of another investigator's work. I was a Police Officer, with Sussex Police, between 1994 and 2019, having been a member of the Road Policing Unit from 2001, and a full time Forensic Collison Investigator from 2006, until retiring from the Police in 2019.

I am an experienced expert witness preparing expert reconstruction reports and in presenting oral evidence in H.M.Coroners', Magistrates, Crown and County Courts in both criminal and civil cases.

I am a detail orientated person, who enjoys a challenge in both practical and analytical areas. My reliability, communication skills, responsibility and friendly nature are assets I bring to all my casework.

Qualifications

Academic Qualifications
Bachelor of Science Degree with First Class Honours in Work-Based Studies (Combined Sciences) 2011 – 2014 Teesside University

Collision Investigation
Police Forensic Collision Investigation - City and Guilds (2011)
Licentiateship of the City and Guilds of London Institute in Traffic Accident Investigation (*LCGI*) (2011)

Vehicle Examination
Motor Vehicle Inspection – City and Guilds (2009)
Advanced Automotive Engineer (*AAE*) (2012)

Other
Basic Vehicle Electrics (Sussex Police, 2001)
Police Tyre Examination (Michelin Training Centre, Stoke-on-Trent, 2007)
Vehicle Mechanics (Metropolitan Police, 2008)

Road Traffic Collision Extrication Course (West Sussex Fire & Rescue Service, 2009)

I have received training in the use of certain surveying equipment for the purposes of preparing computer generated scale plans and have successfully completed a course in basic diagramming and animation (with Visual Statement, a Trimble company, 2010)

Level 3 Preparing to Teach in the Lifelong Learning Sector (City and Guilds, 2010)

Forensic Investigation of Light Bulbs (Sheffield Hallam University, 2010)

National Vehicle Fire Investigation Course (Park Lodge International, 2011)

Training on the RiEGL VZ-400 Laser Measurement Systems and RiSCAN Pro software (3D Laser Mapping, 2012)

Photographic Course for Forensic Collision Investigators (Park Cameras and Nikon, 2012)

Pedestrian and Pedal Cycle Collision Course (Ai Training Services Ltd (*AiTS*), 2013)

Computer Diagramming and Animation for Incident Reconstruction (ARAS 360, 2013)

Recovery Incident Manager Course (Midhurst Engineering, 2014)

Bosch Collision Data Retrieval Tool Technician & Analyst (EUDARTS, 2014)

Routine Maintenance Activities on Electrically Propelled Vehicles (Institute of the Motor Industry (*IMI*), 2015)

Tachograph Recording Systems – Digital Tachographs and Data Analysis Programme (*IMI*, 2015)

Vericom Accelerometers Course (Vericom / *AiTS* 2015)

Motorcycle Collision Course (*AiTS,* 2015)

Introduction to PC-Crash software (North West Technical Services, 2017)

Calculation of speed from CCTV footage (Hague Forensic Ltd, 2017)

Training and approval to use CI 200 TS instrumentation (Scene Pro Digital Forensics, 2020)

Human Factors for Traffic Crash Reconstruction (Jeff Muttart, Crash Safety Solutions, LLC, 2020)

Forensic Video Analysis training through the LEVA (Law Enforcement and Emergency Services Video Association) Level 1 and 2 training courses. Certified Forensic Video Technician (*LEVA*) (2021 – 2024).

Driving

DVLA categories including car, motorcycle and large goods vehicle and holds advanced police, class one, driving certificates for cars (2002) and motorcycles (2004).

Institute of Advanced Motorists (*IAM*) – car (2018) and Police Pursuit Trained Driver.

Professional Designations and Memberships

By both qualification and experience of my work within the field of Collision Investigation I am a full member of the following bodies;

I am a Member of the Institute of the Motor Industry (*MIMI*) (2011).

I am an Advanced Automotive Engineer (*AAE*) (2012).

I am a Member of the Institute of Traffic Accident Investigators (*MITAI*).

The Chartered Society of Forensic Sciences (*MCSFS*) (2015) and been awarded the status of Chartered Forensic Practitioner *(ChFP (Collision))* (2020-2023).

Published Research

My research within the field of Collision Investigation has been published in the following paper:
"*An exploration to find the threshold luminance values associated with the detection of a pedestrian at night on an unlit road*"
The Journal of the Institute of Traffic Accident Investigators
Spring 2015 Vol 23 No. 1

Notable Recent Casework

R v Brazil (2014) – Murder by motor vehicle
Andrew compiled reports relating to the collision reconstruction aspects of this incident, presenting expert witness testimony at Lewes Crown Court.

R v Daley (2016) – Manslaughter 'road rage'
Andrew secured evidence from a non-deployed airbag and completed an analysis of the data which was widely reported across the press.

R v Ayling (2017) – Causing death without due care/consideration
Andrew completed CCTV analysis providing the courts with a reconstruction and verification video, with overlaid footage, directly showing comparison speeds.