



INVESTIGATION | ENGINEERING | RESEARCH

## CURRICULUM VITAE

RONALD TRIVETT

### PROFESSIONAL PROFILE

Mr Ronald Trivett is a Forensic Collision Investigator with GBB (UK) Ltd. Prior to studying for his current role he served an apprenticeship as a motor vehicle mechanic and was responsible for all manner of repairs including electrical failures and light vehicle body repairs.

He spent his time in the motor trade specialising in Volkswagen, BMW and Renault marques working for both franchised and non-franchised dealerships.

On leaving the motor trade he joined Strathclyde Police where he was employed as a Traffic Patrol Officer utilising the knowledge and experience gained in the motor trade. He became a qualified police vehicle examiner and carried out vehicle examinations for a large number of serious injury collisions or collisions where mechanical failure was alleged,

During his career as a Traffic patrol Officer he carried out all aspects of collision investigation from minor non-injury impacts through to multiple fatal collisions.

Mr Trivett then transferred to Northamptonshire Police where he qualified as a Forensic Collision Investigator studying through De Montfort University in Leicester.

Again he had carried out full enquiries and reconstructions of a large number of collisions during his four years on a dedicated Collision Investigation Unit.

Having worked both in the City of Glasgow and in rural Northamptonshire he gained a wide experience of collisions involving pedestrians through to high speed single vehicle impacts on rural roads, in addition to several multiple fatal motorway collisions.

Mr Trivett has given evidence in court for both civil and criminal proceedings in all Scottish courts including the District, Sheriff and High Court as well as in the Civil arena.

Similarly, Mr Trivett has given evidence in Coroner's court, and all courts in England and is experienced in the procedures relating to both civil and criminal law.

Mr Trivett's expertise covers all aspects of collision investigation and includes traditional investigation techniques. He is capable to provide scale plan drawings using Topcon electronic surveying equipment.

Mr Trivett regularly physically inspects all types of vehicles from pedal cycles through to articulated LGVs and assesses the damage sustained and considers the consistency of the damage with the laws of physics and the incident circumstances.

His time in both the motor trade and police gave a wide range of experience in understanding how differently constructed vehicles behave when struck in a collision.

He has participated in full scale crash testing where he has crashed vehicles and then dismantled them to investigate structural reactions to the collisions and has personally experienced being an occupant in both the struck and the striking vehicles in a wide variety of different types of collisions.



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He has witnessed crash tests carried out by the Institute of Traffic Accident Investigators involving pedestrian dummies, HGVs, barriers and street furniture, which gave a good understanding of how vehicles behave when impacted at high speed.

During his career Mr Trivett has kept abreast of vehicle developments attending many courses including ABS diagnostics, electronic chassis management, airbags and secondary passenger restraints, motorcycle handling and dynamics as well a training course in pedestrian conspicuity at night which involved driving a variety of vehicles with the latest headlight technology.

## ACADEMIC CREDENTIALS

| Qualification   | Location                             | Date          |
|---|--------------------------------------|---------------|
| Scotec Certificate Part I & II in Motor Vehicle Principles and Technology   | Reid Kerr Technical College Paisley  | (1980 - 1982) |
| City & Guilds Craft Certificate in motor vehicle studies  | Reid Kerr Technical College Paisley  | 1981          |
| City & Guilds Technician certificate in Motor Vehicle Studies   | Springburn Technical College         | (1982 - 1984) |
| City and Guilds Certificate in Vehicle Examination for Police Purposes  | SPC                                  | 1992          |
| City and Guilds Level 2 Certificate – Tachograph Chart Analysis & Drivers’ Hours                                    | Northants Police FHQ                 | 2000          |
| City and Guilds Level 3 Certificate – Tachograph Installation and Calibration Techniques (including serious damage) | AITs                                 | 2002          |
| City and Guilds Certificate in coning and lighting of road works  | Northants FHQ (External facilitator) | 2003          |

## SPECIALISED QUALIFICATIONS

| Qualification   | Location                     | Date |
|---|------------------------------|------|
| Standard Forensic Collision Investigation Training  | Hendon Police College        | 2001 |
| Diploma in Accident Investigation and Reconstruction Techniques from De Montfort University Leicester | AITs                         | 2002 |
| Qualified and approved in AI Crush Damage Analysis techniques   | AITs                         | 2005 |
| Course in Airbags and Passenger Restraints  | Wednesbury Technical college | 2002 |
| Course in Motorcycle Handling and Dynamics  | Wednesbury Technical college | 2003 |
| Course in Electronic Chassis Management (Traction control, ABS and stability controls)                | Wednesbury Technical college | 2004 |
| Skidman Skid testing equipment  | AITs                         | 2002 |
| Topcon and Trimble Total Station Electronic Survey Equipment  | Northants Police FHQ         | 2002 |
| Basic tyre construction and technology  | Goodyear tyre company        | 1995 |