

## Investigative Training as Licenced Private Investigator

Licensed Private Investigative Services - Commenced July 1997

### Investigation services provided:

Motor Vehicle Crash Analysis / Reconstruction  
Serious Crime Investigation / Analysis

### Academic Specialist training:

TERNZ Static Roll Over Threshold Course	Transport Engineering Research NZ Ltd	2009
Vericom Certification	Lower Hutt Police Station	2003
<i>Crash data Specialists -Crash Data Retrieval [CDR] certification in:</i>		
CDR Operators	ASPACI Penrith NSW	2011
CDR Analysis & Applications	ASPACI Penrith NSW	2011
<i>Institute of Police Technology and Management [IPTM], University of North Florida USA certification in:</i>		
Energy Methods & Damage Analysis in Traffic Crash Reconstruction	Murfreesboro	2011
Traffic Crash Reconstruction	Sydney	2000
Pedestrian & Bicycle Accident	Florida	2000
Motorcycle Crash Investigation	Florida	2000
Commercial Vehicle Crash	Florida	2000
Reconstruction Technology Course (Rectec)	Honolulu Police Department Hawaii	1999
Motor Vehicle Crash Analysis	Royal New Zealand Police College Massey	1998
Motor Vehicle Crash Reporting & Investigating	Royal New Zealand Police College Massey	1998
I2 Analysis Advanced Training	Wellington	1998
Intelligence Analysis	Royal New Zealand Police College	1991

### Practical experience:

Driving Instructor	Motorsport New Zealand – Race	2008 -current
V8 Race Experience (instructor)		2006-current
Advanced Driver Training (Instructor)	Holden Advanced Driver Training	2003-2006
NZ Transport Agency m/v licences current - Car, motorcycle , heavy vehicle cat 4		
Previously held licence– Private Pilots [expired]		

### I have previously:

- 1 Attended motor vehicle crashes whilst a member of the general duties branch of the NZ Police
- 2 Witnessed a number of real world road crashes as a road user , CMV near roll over , car roll over after striking traffic island, bullet vehicle into parked car, trailer wag causing collisions x2 , car v pedestrian [on Pedestrian crossing]
- 3 Witnessed countless single vehicle and multiple vehicle crashes as a result of my motorsport involvement – the dynamics and laws of physics are the same
- 4 Been involved in accident reconstruction testing involving, car, motorcycle ,pedestrian and Commercial motor vehicles.
- 5 Performed countless tests in wet and dry conditions involving:
  - 5.1 acceleration and emergency deceleration with & without ABS
  - 5.2 steering inputs for change of direction
  - 5.3 steering &/or other inputs to induce – yaw and override of ESP equipped vehicles
- 6 Taught and continue to teach correct cornering ,steering and vehicle handling techniques
  - 6.1 I continue to advise on motor vehicle dynamics.

## Professional Memberships

ASPACI - Australasian and South Pacific Association of Collision Investigators

IFPI - Independent Forensic Practitioners Institute [Inc]

## Forum Membership

INCR – International Network Collision Reconstructionist's

CDR - Crash Data Retrieval User group

## Subscriptions to dedicated accident reconstruction publications

Momentum – Australasian & South Pacific Association of Collision Investigators Inc

Impact – The Journal of the Institute of Traffic Accident Investigators

Collision – Collision Publishing

## Forensic workshops attended

Grave Site examination	ANZFSS	2004
Shoeprint SICARS	ANZFSS	2004
Crime Scene Reconstruction Dr Henry Lee	ANZFSS	2004
Accident reconstruction Bi-ennial conference	ASPACI	2004

ANZFSS - Australian & New Zealand Forensic Science Society

ASPACI - Australasian and South Pacific Association of Collision Investigators

## History of Police Service:

Service commenced 1 April 1986 ended: 5 July 1996

### Rank:

Acting Detective Sergeant	Wanganui	1993,1994,1995
Acting Sectional Sergeant	Wanganui	1994
Detective CIB:	Wanganui	1993 - 1996
Detective Constable CIB:	Wanganui	1991 - 1993
Constable CIB:	Wanganui	1988 – 1991
Sectional Constable GDB	Wanganui	1986- 1988

## Courses - Training –Police Qualifications:

Criminal Investigation & Theft Assessment	November	1994
Sergeants Qualifying Course 94/93	RNZPC	1994
Detective Qualifying Course ( <b>Placed 1<sup>st</sup></b> )	RNZPC	1993
Helicopter Supplementary Crew Member	RNZPC	1992
Advanced Drug Investigation Course	RNZPC	1992
Intelligence Analysis Course	RNZPC	1990
Regional Child Abuse Conference	P/North	1991
National Child Abuse Conference	Wellington	1990
CIB Selection & Induction Course( <b>Placed 1<sup>st</sup></b> )	RNZPC	1990
Basic Investigation Course [m/v accident investigation content]	RNZPC	1988
Basic Recruit Course ( <b>Placed 2<sup>nd</sup></b> )	RNZPC	1986

## Specialist Squads:

Armed Offenders Squad	Wanganui	1989 – 1994
Aerial Cannabis recovery team	Wanganui District	91/92, 92/93,93/94, 95
Designated Drugs Detective	Wanganui CIB	1993 -1995
Intelligence Analyst	Wanganui CIB	
Sexual Abuse	Wanganui CIB	

**Police Awards / Commendations**

Certificate of Appreciation – Operation Aramoana November 1990

Commissioners Commendation Intelligence Analysis & Trial preparation work Norton Homicide

Meltzer Trophy for weapons training (firearms)

February 2012