

Peter M.W. Dill
DILL ENGINEERING and ASSOCIATES

Motor Vehicle Accident Reconstruction

Bio-Mechanical & Human Factors-Motor Vehicle Injury Analysis,
Automobile & Motorcycle Design and Mechanical/Electronic Failure Analysis
30100 Town Center Drive, Suite 0-151, Laguna Niguel, Ca. 92677

949-249-9057

E-Mail: pdill9041@gmail.com

Professional Categories Covered by Dill Engineering and Associates:

ACCIDENT RECONSTRUCTION:

1. Automotive engines/controls
2. Unintended Acceleration
3. ATV
4. AirBags
5. Bicycles
6. Biomechanics
7. Boating/jet skis
8. Cars & Light Trucks
9. Collision Analysis
10. Computer Simulations/analysis
11. Driver perception
12. Failure analysis
13. Fire/burns
14. Friction measurement
15. Highway design
16. Home, workplace, vehicles, mobility devices
17. Human kinematics/biomechanics
18. Industrial
19. Industrial/construction machinery & equipment
20. Lighting, visibility, anthropometry, acoustics, noise
21. Materials/metallurgy
22. Motor vehicles
23. Motorcycles
24. Off-highway vehicles
25. Parking lots, doors, stairs, ladders, ramps
26. Repair fraud
27. Rollovers/rollover propensity
28. Safety & human factors
29. Slips, trips, missteps, falls
30. Snowmobile
31. Tire Failure
32. Traffic accidents
33. Trucks - light/heavy
34. Walking surfaces and slip resistance
35. Warnings, labeling, effectiveness of warnings.

Product Defect Analysis and Cause, Patent Infringements:

1. Any Motorized Vehicle e.g. (Automobile, Truck, Motorcycle, Jet Ski, ATV, Snow Mobile, Golf Cart, Go Kart, Big Rig Trucks, Airplanes for design and manufacturing defects and patent infringement.

2. Airbags
3. Seatbelts
4. Seats
5. Engines
6. Fuel System/fires
7. Transmission (park-2-reverse)
8. Brakes
9. Suspensions
10. Tires
11. Axle failures
12. Roof Crush
13. Crashworthiness
14. Front Impact
15. Rear Impact
16. Side Impact
17. Rollover/propensity
18. Vehicle Handling and Dynamics
19. Suspension and chassis
20. Design and Manufacturing defects
21. Unintended Acceleration

Construction:

1. Accidents/injury
2. Defect Analysis
3. Equipment Inspection
4. Expert Witness
5. Failure Analysis
6. Personal Injury

Engineering:

1. Auto/Truck/Motorcycle/Jet Ski/Snowmobile/Bicycle/Golf Cart/Go Kart
2. Biomechanics
3. Brazing/Welding
4. Equipment Safety
5. Failure to Warn
6. Failure Analysis
7. Product Defect Inspection
8. Seats/seat belts/restraints
9. Slip and Fall
10. Traffic Accidents

Photography & Video:

1. Construction Defects and Failures
2. Complete Vehicle and Scene Inspections and Photography.

Recreation, Athletics & Leisure:

1. ATV, Boat, Motorcycle, Snowmobile, & Jet Ski, Golf Cart, Go Kart accidents.