



Stephen R. Harper, B.S., P.E.

Senior Engineer

**Principia Engineering, Inc.
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Experience

Mr. Stephen Harper is a Mechanical Engineer with Principia. Mr. Harper has an emphasis on vehicular accident reconstruction, mechanical and structural failure analysis, along with product liability and slip/trip and fall investigations. He is involved in collection and analysis of field data. Mr. Harper has forensic specialization in automobile accident reconstruction, occupant kinematics, product liability, industrial accident analysis and machine guarding.

Prior to working at Principia Engineering, Mr. Harper worked at J2 engineering and prior to that worked at Floway Pumps.

Education and Credentials

- B.S., Mechanical Engineering, California State University, Fresno 1991
- Registered Professional Mechanical Engineer, California #M30228

Continuing Education

- Engineering Dynamics Corporation, EDC Simulations, January, 1999, Northridge, CA.
- Engineering Dynamics Corporation, 2001 HVE Forum, May, 2001, Santa Fe, New Mexico.
- Forensic Consultants Association Orange County, Testifying Skills Workshop, March 2002, Newport Beach, CA.
- MacInnis Engineering, PC-Crash workshop, July 2004, Vancouver, British Columbia, Canada.
- Engineering Dynamics Corporation, HVE Forum, February 2005, Miami, FL
- FARO Technologies, FARO Laser Scanner and Scene Software Training, February 2014, Fresno, CA

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Publications

Simulation of a Side Impact and Vehicle Rollover using EDVSM and EDSMAC4 within HVE JE, Harper S, Underwood HW, Buckert R, Parks P, J2 Engineering Incorporated. 2005 Engineering Dynamics White Paper Session, February 2005, Miami FL. www.edccorp.com

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