James D. Glenn

Principal Consultant / Atlanta

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Background

Mr. Glenn holds a B.S. in Mechanical Engineering from Purdue University. He is an accredited collision reconstructionist with the Accreditation Commission for Traffic Accident Reconstruction (ACTAR #1494). He has been involved in design and development of specific tire lines involving tread pattern selection and design, mold cavity contour design, material selection and construction design. He has studied the effect of mold contour on production defects and participated in adjusted tire analysis involving high quantities of returned failed tires. He has served as an engineer in the tire industry involving development, design and testing of passenger, motorcycle and experimental tires. He holds Tire Design Patent Award Number D240,615.

He worked as a senior product engineer in the axle and wheel division and was directly involved in steel manufacturing processes including stamping, coining, welding, spinning, painting and electro deposition. He has also performed experimental work in powdered iron products as well as plastic products. The latter involved production methods such as injection molding, rotocasting and vacuum forming. He has served in an engineering capacity in the design and development of industrial and highway wheels, hubs and axle systems.

Since 1980, Mr. Glenn has provided numerous courtroom testimonies on tire cases in Georgia, Florida and South Carolina. In recent years, he has participated in approximately 50 tire cases and testified on vehicle accident reconstruction cases in Alabama, Georgia, Florida, Mississippi, North Carolina, and South Carolina. Additionally, in 2003, he participated in a court-ordered inspection of a passenger tire production plant. He has testified on cases involving vehicle accident reconstruction and various vehicle component failures. Mr. Glenn has over 20 years in forensic engineering work. His accident reconstruction work has included numerous cases involving automobiles, trucks, motorcycles, pedestrians, bicycles, night time visibility and golf carts. His

vehicle component work has included tires, wheels, hydraulic and air brake systems, steering systems, suspensions, seat belts, air bags and lamp analysis.

Education and Certifications

• Mechanical Engineering, B.S.: Purdue University
• Registered Professional Engineer: Georgia (#13219)
• Certified Accident Reconstructionist: The Accreditation Commission for Traffic Accident Reconstructionist (ACTAR #1494)
• Bendix Truck Air Brake School
• Commercial Vehicle Braking Systems