



Brennan P. Kirby, BS
Engineer / Research and Testing
Accident Reconstruction

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Mr. Kirby graduated from the Colorado School of Mines with a Bachelor of Science in Engineering Physics. The Engineering Physics program at Mines focuses on application and problem solving.

Brennan's time at Mines included research and application of particle dynamics and how they interact with each other on a micro to macro level. He was part of a team that collaborated with NASA on the EUSO-SPB2 mission. During this project he was able to successfully estimate and track the trajectories of relativistic Tau Leptons through Earth's atmosphere, which was critical to the mission and its outcomes.

At VSI Brennan has quickly demonstrated enthusiasm and aptitude to adapt his applied physics skill set to vehicle dynamics analysis and testing, and crash dynamics analysis and testing including as part of the VSI team working on dynamic testing of wheel separation events and resulting vehicle and occupant kinematics.

Brennan has completed numerous courses in traffic crash investigation and reconstruction, and received specialized training on Virtual Crash 5 Accident Reconstruction Software. He has certifications for Bosch/Vetronix Crash Data Retrieval (CDR) Technician I, Technician II, and CDR Analyst and System Operator, and he is a Fully Accredited Traffic Accident Reconstructionist from the Accreditation Commission for Traffic Accident Reconstruction (ACTAR).

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