

S-E-A Transportation & Heavy Equipment Practice

50
YEARS
Forensic Engineering,
Investigation and Analysis
Since 1970



Know.

Trucking has its laws, science, engineering, and questions of accountability when an incident occurs. Knowing what really happened can relieve a lot of pressure, and here at S-E-A, we've been revealing the cause of accidents and failures since 1970.

S-E-A Provides Technical Expertise for Transportation & Heavy Equipment Evaluations, including those related to:

Highway and Environmental Factors

- Construction zones
- Guardrail protection
- Hazardous spills
- Line of sight and contrast analysis
- Road and bridge design compliance
- Structural evaluation
- Traffic signing

Detailed Inspection of Vehicle Systems

- Air, hydraulic/cable service and parking brakes
- Occupant restraints, seat belts and air bags
- Steering, suspension, tires
- Traction control systems
- Tractor and trailer braking components

Commercial Vehicle Accidents

- Jack-knife
- Rollovers
- Trailer off-tracking
- Trailer swing out
- Underride/rear impact protection

Truck & Heavy Equipment Fire Analysis

- Electrical, mechanical, or fuel-supplied systems evaluations
- Fire analysis
- Origin and cause

Utilization of Electronic Data from Vehicle Systems

- Antilock braking systems
- Engine control modules
- Obtain, preserve and analyze electronic data
- Supplemental inflatable restraint modules

Accident Reconstruction, Documentation & Causal Analysis

- 3D laser scanning, camera matching and video analysis
- Biomechanical analysis
- Time/speed/distance analysis
- Vehicle accident reconstruction
- Visibility testing/conspicuity

CONTACT US — WE'RE READY TO ASSIST.



Steve Price AIC

Practice Lead, Transportation & Heavy Equipment

(717) 440-5133 mobile | sprice@SEAlimited.com | S-E-A Charlotte



We test.
We investigate.
We reveal.
We explain.
So you know.