

**Adam Grill**  
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## **Professional Background**

Raised in a family environment that centered on truck driving and truck driver training, I have worked around large commercial vehicles and studied the intricacies of commercial vehicle transportation among the best in the industry. I received my certification as a commercial vehicle operator in 2005. I hold a CDL with endorsements for hazardous materials, tankers, double trailers, triple trailers, passenger buses, and school buses. I am certified for forklift operation, operation of longer combination vehicles (LCVs), crane hoist and rigging, aerial manlift, telehandler, and heavy equipment including payloaders and motor graders. I am a certified pilot car operator and flagger through Gulf Coast Community College in Panama City, Florida.

For eight years I served in the US Army and US Army National Guard where I was called upon to teach truck and heavy vehicle operation and driver safety, among other duties. I am currently an active truck driver, and an associate of Atlantic Pacific Resource Group. I have formal truck driver training and education from Sage Technical Services, MTS Freight, the United States Army, the Montana Army National Guard, and the Smith System Driver Improvement Institute.

My family experience and lifestyle have always centered on the instruction and operation of heavy equipment and tractor-trailers. I currently serve as a trucking consultant and manage the fleet for Lew Grill Specialized Services. I have also assisted in over a dozen special studies and trucking projects covering safety procedures as well as time and motion studies including visibility from CMV drivers' point-of-view, starting/stopping, turning, and various other aspects of safe and efficient trucking operation. I have worked in various capacities at Sage, including classroom instructor, off-road driving range instructor, and on-road skills instructor.

I have over 12 years of combined experience as a truck driver, forklift operator, heavy equipment operator, industrial machinery operator, truck-driving instructor, dock supervisor, truck-driving consultant, and accident investigator. I am a current member of the Transportation Research Board of the National Academies, Owner-Operator Independent Drivers Association, Truckload Carrier's Association, Montana Contractor's Association, Montana Motor Carrier's Association, and the American Trucking Association. I have participated in educational training at the American Trucking Associations Technology and Maintenance Council. I am currently working on a project for the Federal Motor Carrier Safety Administration relating to the testing protocol for Electronic Logging Devices (ELDs) as required under the proposed rulemaking.

My current focuses include training and supervision of truck drivers, training instructors, and warehousing staff, fleet management for Lew Grill Specialized Services and The Legacy International Corporation, freight hauling and truck/trailer transportation, truck and driver dispatching, special projects for various fleet, industry, and government entities, and the development of educational programs for commercial drivers, equipment operators, and industry professionals, as well as supervisor for the motor carrier and broker relationships involving Atlantic Pacific Resource Group and The Legacy International Corporation with outside brokers, shippers, motor carriers, and others.

I have experience in truck accident investigation, vehicle dynamics, and accident reconstruction from the Legacy Corporation. I have testified in litigation matters where I have qualified as an expert concerning safe operation of commercial motor vehicles and the standard of care of commercial vehicle operators and motor carriers. I have operated a commercial vehicle in AL, AZ, AR, CA, CO, CT, DE, FL, GA, ID, IL, IN, IA, KS, KY, LA, ME, MD, MA, MI, MN, MS, MO, MT, NE, NV, NH, NJ, NM, NY, NC, ND, OH, OK, OR, PA, RI, SC, SD, TN, TX, UT, VT, VA, WA, WV, WI, WY.

# Work Experience

- 2014 – Current**      **The Legacy Corporation International, Billings, MT**  
**Warehouse Manager, Safety Supervisor, Training Supervisor, FMCSA Consulting**
- Assist in the setup and management of freight forwarding operations, warehousing, industrial safety programs, CMV driver training school, CMV driver training curriculum development, CMV instructor hiring and management, and special projects for fleet, industry, and government.
- 2003 – Current**      **Atlantic Pacific Resource Group, Inc./Lew Grill Specialized Services, Billings, MT**  
**Supervisor of Maintenance and Equipment, Transportation Consultant**
- Accident analysis and trucking litigation consulting, truck driving assignments, transportation studies, special projects, truck and trailer management, training program development and facilitation, various DOT projects for the Federal Motor Carrier Safety Administration. Assistance in various truck-driving investigations, time and motion studies, turning studies, visibility studies, and human factors tests.
- 2010 – 2016**      **MTS Freight, Billings, MT**  
**Truck Driver, Forklift Operator, Dock Supervisor**
- Local and regional LTL operations using 4 to 8-axle tractor/trailer combinations including doubles/triples, straight trucks, and lift gate operations. Forklift and dock work including loading/unloading of trailers, freight staging, and warehousing. Dock operations management including truck driver dispatching, manifesting, warehousing oversight, customer relations, and forklift operator management.
- 2008 – 2009**      **Briggs Distributing, Billings, MT**  
**Truck Driver**
- Local and regional truck driving and lift gate operations, customer relations including bill of lading management and cash/check/credit receivables.
- 2008 – 2013**      **Sage Technical Services, Billings, Montana**  
**Truck Driving Instructor**
- Classroom, lab, range, and public road truck driving instruction on various tractor/trailer combinations.
- 2007 – 2014**      **US Army National Guard, Montana**  
**Chemical Specialist**
- Various military duties including specialized chemical training, equipment hauling, military/civilian driver relations, driver safety, truck-driving operation, close quarters backing/maneuvering.
- 2006**      **GEO Distributing, Billings, Montana**  
**Truck Driver**
- Local and regional truck driving operations. Customer relations including bill of lading management and cash/check/credit receivables.

# Special Projects, Research, Truck Driving and Instructional Assignments, and Presentations

## **2014 - Current      USDOT Project**

Assisting on USDOT project relating to ELD required testing protocol and procedures to meet the federal rule for Electronic Log Device testing. Providing subject matter expertise on the user experience of working with ELD's, assisting with the information gathered for FMCSA, and providing trucks and driver services for use as a real-time test.

## **2017                      Speech and Presentation on Accident Preventability and Fault Analysis**

Whitewood Transportation Annual Convention, "Accident Preventability, Fault & Negligence", Billings, Montana. Presented on fault analysis and techniques for recognizing and determining preventability.

## **2016                      Legacy International Corporation Assessment of Safety Technologies in Trucking.**

ELD's, tire pressure monitoring (TPMS) and tire pressure balancing systems, fuel efficiency monitoring, remote truck and driver video monitoring, satellite based tracking, mobile communications/telematics/dispatching, real-time performance alerts, lane departure warning, forward collision warning, pedestrian and bicycle path intrusion warning, GPS mapping, CMV-to-CMV communications.

## **2016                      Speech and Presentation on Accident Scene Breakdown**

Speech on accident scene breakdown, standard procedures, hazards, and effective practices conducted for insurance agencies, motor carriers, and drivers.

## **2016                      Time and Motion Study**

Time and distance testing for left and right lane change maneuvers with a tractor and 53-foot semi-trailer.

## **2015                      Time and Motion Study**

Time testing for various left-turn, right-turn, and lane change maneuvers with a 48-foot and 28-foot set of doubles.

## **2014                      Visibility Study**

Study testing various forward and lateral visibility factors from the driver seat of a tractor.

## **2013                      Truck Driving Investigation**

Investigation measuring U-turn distances and space requirements for a 5-axle tractor/53-foot trailer combination.

- 2013**                    **Truck Driving Investigation**
- Driving to and from Houston, Texas for the purpose of recreating possible driving routes in conjunction with an accident investigation.
- 2011**                    **Truck Driving Investigation**
- Nighttime visibility study on I-40 west of Kingman, Arizona.
- 2010**                    **Truck Driving Investigation**
- Drove a 5-axle tractor/53-foot trailer combination to, from, and during an investigation of right-turn visibility factors. Filmed truck drivers, mirrors, and streets for the purposes of measuring and studying right-turn visibility.
- 2008**                    **Velocity Investigation**
- Investigation of velocity ranges of commercial vehicles as a function of gear selection at low engine speed versus top governed speed.
- 2008**                    **Time and Motion Study**
- Study and reconstruction of CMV movements using low gears from a stopped position.
- 2007**                    **Stopping Distance Investigation**
- Stopping tests of a fully loaded tractor-trailer within measured distances at various speeds.
- 2005**                    **Time and Motion Study**
- Right-turn study of 5-axle tractor-trailer.
- 2005**                    **Visibility Study**
- Visibility measurement study regarding mirror use of tractor-trailer.
- 2004**                    **Time and Speed Study**
- Study of various complex truck transmissions in all gears.
- 2004**                    **Time and Motion Study**
- Right-turn study testing the recognition and feel of tractor-trailer off tracking.

- 2003**                    **Visibility Study**  
 Visibility study of truck/tractor right side port window.
  
- 2002**                    **Load Study**  
 Study on various loading techniques and load shifting patterns.
  
- 2001**                    **Visibility study**  
 Study testing driver visibility at acute angle intersections and special scenarios such as railroad crossings and freight/yard entrances and exits.

## **Licensing, Certifications, Continuing Education**

- 2005 – Current        Commercial Driver License with endorsements for hazardous materials, tankers, double trailers, triple trailers, passenger buses, and school buses.
  
- 2017                    Telehandler Certification Course, Billings, Montana.
  
- 2017                    Aerial Man Lift Certification Course, Billings, Montana.
  
- 2017                    Forklift Certification Course, Billings, Montana.
  
- 2016                    Crane Hoist and Rigging Certification Course.
  
- 2016                    Transportation Worker Identification Credential (TWIC): Security clearance certification by the U.S. Department of Homeland Security for unescorted access to secure areas of facilities and vessels regulated under the Maritime Transportation Security Act (MTSA).
  
- 2016                    Truck and Bus Safety Subcommittee Meeting, Transportation Research Board of the National Academies (TRB), Washington D.C.
  
- 2015                    Technology and Maintenance Council research and forum education.
  
- 2015                    Pilot/Escort Driver & Flagging Certification for Oversize and Super Loads of extreme weight & dimension, Gulf Coast College, Panama City, Florida.
  
- 2015                    Truck and Bus Safety Subcommittee Meeting, Transportation Research Board of the National Academies (TRB), Washington D.C.
  
- 2014                    Distracted Driving certificate of training, Smith System Driver Improvement Institute.
  
- 2014                    Truck Forward Motion certificate of training, Smith System Driver Improvement Institute.
  
- 2014                    USDOT/Federal Motor Carrier Safety Administration safety audit on Atlantic Pacific Resource Group d/b/a Lew Grill Specialized Services.
  
- 2012                    Forklift safety certification and training, MTS Freight.
  
- 2011                    Heavy Equipment operation certification and training.
  
- 2010                    LCV training, MTS Freight.

2009	LCV Certification, Sage Technical Services
2008	Certified Driving Instructor, Sage Technical Services
2007	US Army Heavy Vehicle Operator's License
2005	Tractor-Trailer Driver TTD 150 certificate of training, Sage Technical Services.
2005	Certificate of Attainment, PTDI.
2005	Safety Management Council certificate of driver/dispatch relations, Sage Technical Services.

## **Expert Witness Testimony by Trial or Deposition – Last 4 Years**

<u>TESTIMONY</u>	<u>CASE NAME</u>	<u>STATE</u>	<u>CASE NO.</u>
09/16/2015	Paulette Hansen vs. Perry Keyes, et al.	WI	14-CV-208
12/10/2015	Angela Thomas vs. Ricardo Hernandez, et al.	TX	CV 14-09-626
03/08/2016	Heacock vs. Frito Lay, et al.	WA	14-2-27412-2-SEA
09/04/2016	Trejo vs. Raja Trucking	TX	DC-15-04842
12/29/2016	Weston vs. Sony Music	IL	2014 L 3672
01/19/2017	Snider vs. ASF Intermodal, et al.	LA	2:14cv2132
05/31/2017	Malovanyi vs. North American Pipe Corp.	WI	3:15-cv-00548

## **Memberships**

- Transportation Research Board of the National Academies (affiliate member);
- Truckload Carrier's Association;
- Montana Contractor's Association;
- Owner-Operators Independent Driver Association;
- American Trucking Association;
- Montana Motor Carriers Association.