



Robert J Krenz, MSEM, PE  
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Brad R DeHaven, BSEM, PE  
Haley J Furrer, Managing Partner  
Janice J Krenz, Project Manager

## Brad R DeHaven, BSEM, PE

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### Date of Birth

September 17, 1956

### Education

Bachelor of Science Degree Engineering Mechanics

- University of Wisconsin – Madison, December 1985

### Professional Experience

Krenz Engineering | Oregon, Wisconsin

2006 to Present

Engineering Assistant

Safety Engineering Associates, Inc | Madison, Wisconsin

1988 to 2006

Engineering Assistant

BRD Home Construction & Repair | Madison, Wisconsin

1985 to 1988

Self-employed General Contractor and Carpenter

Moseleys Office Supplies & Furniture | Madison, Wisconsin

1980 to 1985

Installation Technician

Oscar Mayer Foods, Inc | Madison, Wisconsin

1976 to 1980

Personnel Clerk and Production Employee

### Certifications and Licenses

- Society of Automotive Engineers – Accessing and Interpreting Heavy Vehicle Event Data Recorders HVEDR (2019)
- Northwestern University - Crash Data Recorder System Analyst (2014)
- Northwestern University - Crash Data Recorder System Technician Level 1 & 2 (2013)
- Registered Wisconsin Professional Engineer



## Areas of Expertise

- Motor Vehicle Accident Analysis and Evidence Preservation
- Passenger vehicle "Black box" crash data retrieval and analysis
- Heavy vehicle event data recorder downloads and analysis
- UAS (Drone) accident site aerial photograph, video and terrain mapping
- Vehicle speeds
- Impact locations
- Time-distance avoidance analysis
- Visibility analysis
- Restraint analysis
- Impact severity analysis
- Lighting analysis
- Driver determination "Who was driving" analysis
- Simulation/animation analysis & presentation
- Recreational vehicle - ATV, snowmobile, watercraft accident analysis

## Professional Development

- Crash Data Group 2019 Event Data Recorder Summit
- Crash Data Group 2018 Event Data Recorder Summit
- Attendance/participation at professionally related conferences
- Continuing review and independent study of industry related publications

## Memberships/Societies

- American Society of Mechanical Engineers
- National Association of Professional Accident Reconstruction Specialists
- Society of Automotive Engineers