

DANIEL R. BILLINGTON II, ACTAR #1913

ACCREDITED COLLISION RECONSTRUCTIONIST

CURRICULUM VITAE

EXECUTIVE SUMMARY

- Accredited by ACTAR (Accreditation Commission of Traffic Accident Reconstructionists) – Member of the ACTAR GBOD
- Certified instructor of ARAS360 and Visual Statement FX3.
- 17 years of experience in law enforcement – 11 years crash and crime scene investigation and reconstruction
- Collision reconstruction cases involving occupant positioning, speed determination, time/distance studies, point of impact placement and computer-aided reconstruction
- Specialist in forensic visibility analysis
- Specialist in the area of forensic animation
- Analysis of low-velocity collisions
- Photographer and videographer
- Seat belt usage analysis
- Occupant kinematics analysis (who was sitting where)
- Vehicular collision causes relating to mechanical malfunctions
- Dynamic analysis of commercial tractor/trailer collisions
- Collision investigations involving witness interviews, collision scene investigations, and vehicle examinations
- Motor vehicle/pedestrian analysis
- Computer animation and simulation of motor vehicle collisions
- Dynamic avoidance analysis
- Completed more than 300 collision reconstructions since 2005

- Investigation of more than 2000 collisions since 1998

EXPERT WITNESS EXPERIENCE – CRIMINAL & CIVIL MATTERS

- More than 10,000 hours of experience in traffic safety & enforcement
- Qualified as an expert in criminal and civil courts in Wisconsin, Tennessee and Michigan
- Evidence given on the following issues: seat belt usage, low-speed impact analysis, police vehicle operation, vehicle vs. pedestrian, truck rollover speed, time/distance analysis, commercial vehicles, impact speed analysis, crime scene preservation and diagramming, human factors, video analysis, animation, and more.

ACADEMIC BACKGROUND

- * BA in Criminal Justice, Ashford University, Iowa
- * Milwaukee County Sheriff's Department Training Academy; 400 hours. Certified as a law enforcement officer in the State of Wisconsin; June - August, 1998
- * Wisconsin Department of Transportation; Basic Collision Investigation; August, 2003
- * Vericom Computers; Trained in the use of VC3000 accelerometers; September, 2003
- * Waukesha County Technical College; Certified in the application of standard field sobriety tests; September, 2003
- * Fox Valley Technical College; CrashZone computer aided diagramming software; October, 2003
- * Laser Technologies, Inc.; LTI Quick-Map System; January, 2004
- * Wisconsin Department of Transportation; Technical Collision Investigation; June, 2004
- * Institute of Police Technology and Management; Vehicle Dynamics; September, 2004
- * Institute of Police Technology and Management; Traffic Collision Reconstruction; October, 2004

- * Dechant Consulting, LLC; iWitness Photogrammetry Scene and Evidence Diagramming software; August, 2005
- * Milwaukee Area Technical College; Certified Basic Evidentiary Photography; January, 2006
- * Waukesha County Sheriff's Department; Commercial Vehicle Inspection Training; April through October, 2006
- * Waukesha County Technical College; Advance Evidentiary Photography; May, 2006
- * Collision Safety Institute; Certified as an airbag control module technician and analyst; October, 2006
- * VS Visual Statement, Inc.; Completed training in the use and application of the VistaFx computer aided diagramming software; January, 2007
- * Institute of Police Technology and Management; Experiments in Crash Reconstruction; September, 2008
- * Successfully completed the examination for the Accreditation Commission for Accident Reconstruction
- * Institute of Police Technology and Management; Collision Reconstruction Update; February, 2009
- * ARAS360; Train-the-Trainer; September, 2010
- * Institute of Police Technology and Management; Energy Analysis and CRASH 3; January, 2011
- * Various seminars, conferences and lectures; on-going

PROFESSIONAL WORK EXPERIENCE

- Senior Collision Reconstruction - M-Crash Group (licensed as Crashteam Great Lakes); 2008 to present
- Collision Reconstruction instructor; 2005 to present
- Lauderdale Lakes Police Officer; June, 2010 to present
- Owner of Great lakes Collision experts, LLC; 2009 to present

- * Deputy Sheriff with the Waukesha County Sheriff's Department; June, 1998 to January, 2009
- * Owner of DB II Productions; 1999 to 2009
- * Correctional Officer with the Waukesha County Sheriff's Department; April, 1994 to June, 1998
- * Wisconsin Department of Natural Resources – Range Safety Officer; 1992 to 1994

PROFESSIONAL ASSOCIATIONS

- * The Accredited Commission for Traffic Collision Reconstructionists, member (ACTAR) #1913; Member of the ACTAR Governing Board of Directors 2008-2012
 - * Theory Test Development Committee Chariman 2010 to present
- * Illinois Association of Technical Accident Investigators (IATAI); Served two terms as Secretary
- * National Association of Professional Accident Reconstruction Specialists (NAPARS)
- * Midwest Association of Technical Accident Investigators (MwATAI)
- * The Society of Accident Reconstructionists (SOAR)

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