

M-CRASH¹ group LLC

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EXPERIENCE

- 7-96 to 8-99 While assigned to the Alpena Post, personally investigated 160 property damage and personal injury crashes.
- 9-99 to 4-03 While assigned to the Alpena Post, personally investigated 10 personal injury and fatal crashes.
- 4-03- present Personally investigated 66 traffic crashes as of November 21, 2005. Reconstructions include crashes utilizing the conservation of linear momentum, airborne, and time/distance analysis.

COURT TESTIMONY

- 10-29-04 90th District Court, Petoskey, Michigan, Case number 04-1144-FY, before the honorable Judge Richard W. May, Ref: 01-368-04. Testimony in this case was made on speed determination using the conservation of linear momentum, vehicle damage profiles, roadway evidence, and general crash scene investigation. (Preliminary Examination, Bound over, Felonious Driving, Negligent Homicide)
- 4-19-05 84th District Court, Cadillac, Michigan, Case number 2005000287, before the honorable Judge David A. Hogg, Ref: 01-64-05. Testimony in this case was made on speed determination using the conservation of linear momentum, vehicle damage profiles, roadway evidence, sensing diagnostic module (SDM) download and analysis, and general crash scene investigation. (Preliminary Examination, Bound over, OUIL Causing Death. Eventual plea of No Contest entered)
- 5-18-05 57th Circuit Court, Petoskey, Michigan, Case number 04-2340-FH, before the honorable Judge Charles W. Johnson, Ref: 01-368-04. Testimony in this case was made on speed determination using the conservation of linear momentum, vehicle damage profiles, roadway evidence, and general crash scene investigation. (Jury Trial-Found Guilty, Felonious Driving, Negligent Homicide)

ACCREDITATION

- 2005 The Accreditation Commission for Traffic Accident Reconstruction ACTAR accredited registration # 1589

EDUCATION

- 6-1984 Graduated from Traverse City Central High School, Traverse City, Michigan.
- 9-84 to 12-88 Attended Northwestern Michigan College in Traverse City, Michigan. Graduated with an Associate degree in Career Aviation program.
- 9-89 to 6-92 Attended Ferris State University, Graduated with a Bachelor of Applied Science in Business Administration.
- 3-00 to 11-02 Attended Western Michigan University, School of Aviation, Battle Creek Michigan. Enrolled in Helicopter Flight Program.
- 3-1996 Entered the Michigan State Police – Attended the 114th Trooper Recruit School consisting of 18 weeks at the MSP Training Academy in Lansing, Michigan. Initial 40 hours of instruction obtained in the area of accident investigation.

Jerry D. Hilborn

- 2-1997 Attended a two week Advanced Trooper School at the MSP Training Academy. The training included additional instruction in accident investigation.
- 2-1998 Attended a one week Advanced Trooper School at the MSP Training Academy. The training included instruction on the MSP Forensic Laboratory capabilities in investigating property damage, personal injury, hit and run, and fatal traffic crashes.
- 8-1999 Completed a two-week, At-Scene Traffic Crash Investigation School at the Kettunen Center in Tustin, Michigan. Course consisted of 80 hours of instruction in initial at scene investigation including, but not limited to scene measurements, examination of roadway evidence, examination of tiremarks, minimum speed determinations, critical speed determinations, vehicle examinations, and photography.
- 4-2003 Completed a two-week, Advanced Traffic Accident Investigation School at IPTM (Institute of Police Technology and Management) in Jacksonville, Florida. Course consisted of 80 hours of instruction in advanced traffic crash investigation including, but not limited to, time/ distance determinations, conservation of linear momentum, and vector sum analysis.
- 5-2003 Completed a two-week, Traffic Accident Reconstruction School at IPTM in Jacksonville, Florida. Course consisted of 80 hours of instruction in traffic crash reconstruction.
- 5-2003 Completed a one-week specialized course for Crash and Crime Scene Investigators in Forensic Mapping utilizing the SOKKIA electronic Total Station (EDMI/ Theodolite) and data collector. The course was taught by SOKKIA Certified Instructor – Sgt. Rob Beach at the MSP Metro North Post.
- 5-2003 Completed a three-day Computer Aided Drawing (CAD) class utilizing Map Scenes Forensic Mapping software. The course was instructed by Sgt. Rob Beach at the MSP Metro North Post.
- 12-2003 Completed a one-week course in Human Factors in Traffic Crash Reconstruction. The course was instructed at the Michigan State Police Training Academy in Lansing and instructed by Patrick Robins from IPTM. The course focused on witness reliability and physiological human factors including, but not limited to memory, vision, and perception reaction times.
- 3-2004 Completed a two-day course in the use and operation of the VC3000. The course was instructed by the president of the company, Rick Jobe at the Oakland County Sheriff Department. The course focused on the operation of the instrument, internal functions, software applications, and courtroom testimony.
- 5-2004 Completed a three-day course in Railroad Grade Crossing Collision Investigation. The course was instructed by Norfolk Southern Railroad and FRA personnel. The course focused on safety, investigating, and reporting of grade crossing collisions.
- 5-2004 Completed a one-week course in Biomechanics in Accident Reconstruction. The course was instructed by North Coast Polytechnic Institute. The course focused on biomechanics and occupant kinematics as related to traffic crashes. Emphasis was placed on physical injuries sustained by occupants and their relation to crash dynamics.
- 9-2004 Completed a one-week course in Motorcycle Crash Investigation. The course was instructed by IPTM in Dublin Ohio. The course focused on the investigation of motorcycle crashes, motorcycle dynamics, motorcycle inspection; injury profiles and motorcycle braking/friction testing.
- 10-2004 Completed a three-day course in Crash Data Retrieval (CDM) System Operator instruction. The course was instructed by W.R. “Rusty” Haight. The course focused on Sensing Diagnostic Module (SDM) theory, downloading and analysis of downloaded data.