

CURRICULUM VITAE

FREDERICK W. LICKERT

ACTAR ACCREDITED TRAFFIC ACCIDENT RECONSTRUCTIONIST NO. 254

EXPERIENCE SUMMARY

Twenty-four (24) years experience as an accident reconstructionist having investigated more than 8400 serious and fatal accidents.

Accepted as an accident reconstruction expert in trial having testified over several hundred times in Federal District Court, Ohio Court of Claims, Common Pleas, Municipal and Juvenile Courts throughout Ohio and Kentucky.

FORMAL EDUCATION

University of Dayton, Dayton, Ohio (B.S. - 1987)

Eastern Kentucky University, Richmond, Kentucky (1973 - 1975)

Sinclair Community College, Dayton, Ohio (1972 - 1973)

Wilbur Wright High School, Dayton, Ohio (1968 - 1972)

PROFESSIONAL EXPERIENCE

Accident Reconstructionist -Law-Science Technologies  
(1989 to present)

Detective, Special Accident Investigations, Dayton Police Department  
(June, 1981 - August, 1989)

Uniformed Accident Investigator, Dayton Police Department  
(October, 1980 - June, 1981)

Radar Operator, Dayton Police Department  
(March, 1980 - October, 1980)

Police Officer, Operations Division, Dayton Police Department  
(1975 - March, 1980)

## TRAINING SCHOOLS ATTENDED

Crush Energy and Statistical Analysis for Accident Reconstruction  
West Chester, Ohio, Police Department  
John Daily, Instructor (2003)

Human Factors for Drivers & Pedestrians  
West Chester, Ohio, Police Department  
Jeffrey W. Muttart, M.A., ACTAR #96 (2003)

Collision Data Recorder - User Certification  
University of North Florida, Institute of Police  
Technology & Management (2002)

Motorcycle Accident Investigation  
University of North Florida, Institute of Police  
Technology & Management (2001)

Grade Crossing Collision Investigation  
Norfolk southern Police Department (1999)

Motorcycle Experienced Rider Course  
Ohio Department of Public Safety (1999)

Motorcycle Safety & Education Class  
Ohio Department of Public Safety (1999)

The Vehicle Damage & Energy Relationship  
Texas A&M University (1998)

Computerized Collision Diagramming  
University of North Florida (1996)

Human Factors and Visibility Concepts  
Hampering Perception/Reaction Times  
University of North Florida (1996)

Concept of Nighttime Visibility  
University of North Florida (1995)

Commercial Vehicle Accident Investigation  
University of North Florida  
Institute of Police Technology & Management (1994)

Pedestrian/Bicyclist Accident Reconstruction  
Texas A&M University (1994)

Advanced Traffic Accident Reconstruction With the Use of Microcomputers,  
University of North Florida,  
Institute of Police Technology & Management (1993)

Traffic Accident Reconstruction  
University of North Florida, Institute of Police  
Technology & Management (1992)

Special Problems in Accident Reconstruction  
University of North Florida  
Institute of Police Technology & Management (1990)

Commercial Vehicle Accident Investigation  
University of North Florida  
Institute of Police Technology & Management (1989)

Commercial Vehicle Inspection  
University of North Florida  
Institute of Police Technology & Management (1989)

Motorcycle Accident Investigation  
University of North Florida,  
Institute of Police Technology & Management (1987)

Detection, Detention and Apprehension of Persons Under the Influence of Alcohol;  
Certification in Use of Horizontal Gaze Nystagmus,  
Ohio State Highway Patrol Academy (1985)

Examiners School of Interviews, Interrogations and Confessions  
Ohio Association of Polygraph (1984)

State Certification – Use of Doppler Radar Ohio State Highway Patrol Academy (1981)

Technical Accident Investigation  
Ohio State Highway Patrol (1981)

Dayton Police Doppler Radar Certification (1981)

Dayton Police Academy (1975)

## SEMINARS ATTENDED

Commercial Vehicle Crash Investigation  
Sponsored by The Public Utilities Commission of Ohio  
Commercial Vehicle Enforcement Training (1998)

Illinois Association of Technical Accident Investigators',  
11<sup>th</sup> Annual Accident Reconstruction Conference – Rear End Collisions; Momentum  
Revisited; Vector Analysis; Barrier Equivalent Velocity Versus Delta-V; Three  
Separate Crash Tests (1997)

Collision Dynamics  
Sponsored by Accident Reconstruction Consultants of Louisville, Kentucky (1994)

Collision Dynamics  
Sponsored by the Kentucky Academy of Trial Attorneys (1993)

Illinois Association of Technical Accident Investigators',  
7<sup>th</sup> Annual Accident Reconstruction Conference – Crash Tests with Mathematic &  
Vector Analysis of Impact Speeds; Friction of energy Methods to Determine Impact  
Speeds (1993)

Bus Accident Investigation Seminar  
U.S. Department of Transportation (1992)

Collision Dynamics  
University of Louisville, Kentucky (1991)

Technical Accident Investigation  
Clark Technical College (1981, 1982)

## CERTIFICATION

Certified B.A.C. Senior operator (1989) Certified Evidence Technician (1988) Licensed  
FAA Pilot (1986 -Present)

Certified Instructor, Ohio Peace Officers Council

Certified by State of Ohio in the Use of Doppler Radar

## TEACHING EXPERIENCE

Miami Valley Hospital Emergency & Trauma Center  
Legal Issues & Emergency Medical Services (1996)

Dayton Police Academy, Accident Reconstruction (1981 -1989)

Dayton Public Schools, Career Academy  
Accident Investigation, DWI Laws (1982 -1989)

University of Dayton, Guest Lecturer  
Accident Investigation (1983 -1985)

## PUBLICATIONS

Co-Author of two articles on Accident Reconstruction

“Getting The Whole Picture,” Law and Order Magazine (1983)

“Test Skids vs. Drag Tire,” Ohio Police Magazine (1983)

PROFESSIONAL ASSOCIATIONS

The Society of Accident Reconstructionists

National Association of Professional Accident Reconstruction Specialists

Xenia, Ohio, Former Harley Owner’s Group Safety Director