

CURRICULUM-VITAE

Daniel Ray Phillips
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EDUCATION

Texas A&M University, College Station, Texas
Master of Science, Mathematics, December 2008

University of North Texas, Denton, Texas
Bachelor of Science in Mathematics (Cum Laude), May 1994

SPECIALIZED TRAINING

Northwestern University, Evanston, Illinois
Traffic Accident Investigation I, May 2005
Traffic Accident Reconstruction I, November 2005
Traffic Accident Reconstruction II, November 2005

Engineering Dynamics Corporation
EDC Reconstruction, January 2006
EDC Simulations, November 2007

Collision Safety Institute
Crash Data Retrieval System Technician Certification Course, April 2006
Crash Data Retrieval System Analyst Certification Course, April 2006

United Transportation Training, Inc.
Commercial Motor Vehicle Air Brake Analysis for the Accident Reconstructionist, September 2006

Daimler Trucks North America Service Training Academy
Detroit Diesel Electronic Controls (DDEC) Reports Training Program, August 2008

United States Air Force
Reserve Officer Training Corps, 1994
Contingency Theater Automated Planning System Operator Course, 1995
Joint Doctrine Air Campaign Course, 1996
Joint Flag Officer Warfighting Course (Audit), 1996
Joint Forces Air Component Commander (JFACC) Course (Audit), 1996
Introduction to Fighter Fundamentals, 1998

SPECIALIZED TRAINING (Continued)

United States Air Force (Continued)

Water Survival School, 1998
F-15E Weapon Systems Officer (WSO) Qualification Training, 1999
Combat Survival School, 1999
Supervisor of Flying Upgrade Program, 2001
Squadron Officer's School (Distinguished Graduate), 2001
F-15E Instructor WSO Formal Course, 2003
F-15E Flight Examiner/Evaluator WSO Upgrade Program, 2004
Joint Air Commander Seminar, 2004
Air Command and Staff College, 2004

United States Navy

Aviation Pre-Flight Indoctrination, 1997
Joint Specialized Undergraduate Navigator Training (Commodore's List), 1998

CONTINUING EDUCATION

Texas Association of Accident Reconstruction Specialists

2005 Semi-Annual Summer Conference – “Cummins, Detroit/Mercedes ECM Capabilities and Resources”, “A Lawyer’s Perspective of ECM Data” & “Scientific Materials Analysis”, June 2005

Accident Reconstruction Network and Collision Safety Institute

Crash Data Retrieval System Annual User’s Conference, January 2008

The National Association of Professional Accident Reconstructionist Specialists

Combined Annual Conference – “Heavy Vehicle Crash Reconstruction”, October 2009

EXPERIENCE

*June 2005 to
Present*

Accident Reconstructionist: Scientific Analysis, Inc.

Accident investigation, reconstruction, and analysis for passenger and commercial vehicles through employment of engineering and scientific disciplines. Accident scene and vehicle inspection, photography, and measurement. Production of trial and testimony aids such as accident site diagrams, maps, charts, and crime scene exhibits. Deposition and trial testimony.

EXPERIENCE **(Continued)**

September 1994 to March 1997 ***Professional Military Officer: The United States Air Force***

Scientific Analyst at the Air Force Wargaming Institute. Responsible for evaluating the validity of various wargame models and applying them to the adjudication of multiple exercises and seminars for the professional military education of international and U.S. officers. Performed after-action analysis of exercises for higher-level review to include the Chief of Staff of the U.S. Air Force.

March 1997 to May 2005 ***Professional Military Officer: The United States Air Force (Continued)***

Combat Mission Ready aircrew in the F-15E fighter aircraft. Responsible for worldwide deployment and employment of U.S. Air Force fighter aircraft. Responsible for the direct employment of air to ground and air to air weaponry. Instructor responsibilities included academic, simulator, and in-flight instruction on operation and employment of the F-15E. Flight Examiner responsibilities included evaluation and certification of Combat Mission Ready status for all unit assigned aircrew. Conducted in-flight testing, evaluation and certification of F-15E aircraft being returned to flying status. Responsible for overseeing daily fighter flying operations for the entire base.

Career Flying Experience: Total Fighter Time: 1,013 hours
Combat Time: 68 hours

PRESENTATIONS

“*Capabilities and Limitations of the FZU-39*”, presented to the 336th Fighter Squadron Commander and staff, Seymour Johnson Air Force Base, NC, 2000.

“*A Short History of the Balkans*”, presented to an audience at the Squadron Officer’s School, Maxwell Air Force Base, AL, 2001.

Airpower Demonstration in an F-15E Strike Eagle, presented to public audience at the Wings Over Wayne County Airshow, Seymour Johnson Air Force Base, NC, 2001.

PRESENTATIONS (Continued)

“Applications of the Pilot/Aircrew Cockpit Management System in the F-15E”, presented to the 4th Fighter Wing Commander and staff, Seymour Johnson Air Force Base, NC, 2001.

Airpower demonstration in an F-15E Strike Eagle, presented to public audience at the National Air and Space Show and broadcast on the ESPN television network, Ft. Lauderdale, FL, 2002.

“4th Fighter Wing Mission and Capabilities,” presented to Senator Elizabeth Dole, Seymour Johnson Air Force Base, NC, 2003.

“Accident Reconstruction,” presented to Texas Independent Insurance Adjusters Association, Dallas, TX, 2006.

“Handling the Trucking Case in Texas: Lessons Learned from the School of Hard Knocks,” presented to a continuing legal education audience through Lorman Education Services, Dallas, TX, 2007.

“Understanding Accident Reconstruction,” presented to a continuing education seminar for insurance claims professionals and risk managers, Dallas, TX, 2008.

“Accident Reconstruction,” presented to an audience of insurance claims professionals and risk managers, Dallas, TX, 2008.

“Least Squares Fit: Theory and Applications,” presented to a graduate advisory committee, Texas A&M University, College Station, TX, 2008.

“Root Finding: Bisection and Newton Methods,” presented to a graduate advisory committee, Texas A&M University, College Station, TX, 2008.

AWARDS AND DECORATIONS

Distinguished Flying Cross
Meritorious Service Medal
Air Medal with 3 Oak Leaf Clusters (OLC)
Aerial Achievement Medal
Air Force Commendation Medal with 1 OLC
Air Force Outstanding Unit Award with Valor Device and 3 OLCs
Air Force Organizational Excellence Award with 1 OLC
Combat Readiness Medal
National Defense Service Medal with 1 Bronze Star

AWARDS AND DECORATIONS (Continued)

Global War on Terrorism Expeditionary Medal
Global War on Terrorism Service Medal
Air Force Longevity Service Ribbon with 1 OLC
Air Force Training Ribbon

AFFILIATIONS

The Society of Automotive Engineers
Texas Association of Accident Reconstruction Specialists
The National Association of Professional Accident Reconstructionist Specialists
The Accreditation Commission for Traffic Accident Reconstruction

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