

S. Melville McCarthy

Registered Professional Engineer

417 Audubon Drive, Tallahassee, Florida 32312-1633

Telephone (850) 893-5845

Fax (850) 893-8018

E-mail smmcpe@att.net

Curriculum Vitae

Formal Education

Washington and Lee University, Lexington, Virginia

Bachelor of Science, 1959

Major: Physics and Pre-Engineering

University of Florida, Gainesville, Florida

Bachelor of Science Mechanical Engineering, High Honors, 1968

Major: Machine Design

University of Florida, Gainesville, Florida

Graduate Courses in Mechanical Engineering, 1969

Major: Machine Design

Professional Experience

Forensic Consultant, 1980-Present

S. Melville McCarthy, Professional Engineer, Tallahassee, Florida

General Manager, 1978-1979

Wayne H. Coloney Company, Incorporated, Tallahassee, Florida

General Manager, 1978

Coloney Company Consulting Engineers, Incorporated, Tallahassee, Florida

Director, Consulting Engineering, 1977-78

Manager, Legal Engineering Division, 1974-77

Wayne H. Coloney Company, Incorporated, Tallahassee, Florida

Liability Consulting Engineer, 1972-1974

Mechanical Engineer, 1969-1972

Tampa Bay Engineering Company, St. Petersburg, Florida

Professional Registrations

Florida Professional Engineer, 13675, 1973-present

Georgia Professional Engineer, 10101, 1975-present

Alabama Professional Engineer, 13823, 1982-present

Publications

Chapter 31, Machine Guarding (except annotations), Volume Two, pp. 31-1-99,

Attorney's Guide to Engineering, Ira S. Kuperstein, Ph.D. P.E. and Neil L.

Salters, Esq., Matthew Bender & Company, Inc., New York, NY, 1986

Honors

National Honorary Engineering Fraternity, Tau Beta Pi
National Honorary Mechanical Engineering Fraternity, Pi Tau Sigma

Technical Courses and Seminars

Fire Cause Analysis

Fire and Arson Investigation, 1988, Albany, Georgia
International Association of Arson Investigators
Fire Cause Analysis, 1981, 1989, Madison Wisconsin
University of Wisconsin
Gas Appliance Fires, 1980, Birmingham, Alabama
University of Alabama
Arson Detection and Investigation, 1975, Ocala, Florida
Florida State Fire College

Product Safety

Machine Safeguarding, 1999, Rockford, Illinois
Rockford Systems, Incorporated
Applied System Safety, 1988, Orlando, Florida
American Society of Safety Engineers
Machine Guarding, 1985, Orlando, Florida
Robinson & McCarthy
Human Factors, 1983, Atlanta, Georgia
Anacapa Sciences, Incorporated
Product Safety Warnings, 1982, Madison, Wisconsin, 1998, Orlando, Florida
University of Wisconsin
Power Press Safety, 1981, Tampa, Florida
National Safety Council and American Society of Safety Engineers

Automotive Accident Reconstruction

Pedestrian Accidents and Human Factors, 1994, Tallahassee, Florida
University of North Florida, Institute of Police and Traffic Management
(IPTM)
Pedestrian Facilities Design, 1992, 1991, Tallahassee, Florida
Florida Department of Transportation
Commercial Vehicle Accident Reconstruction, 1991, Tallahassee, Florida
University of North Florida, Institute of Police and Traffic Management
(IPTM)
Brakes: Design and Safety, 1988, Orlando, Florida
Society of Automotive Engineers
Functional Requirements of Highway Safety Devices, 1987, Tallahassee, Florida
University of Florida, Florida Department of Transportation and Federal
Highway Administration
Human Factors in Highway Design and Traffic Control, 1987, Tallahassee,
Florida
Federal Department of Transportation and Federal Highway Administration
Truck Brakes, 1987, Jacksonville, Florida
Seat Belts, 1987, Tallahassee, Florida

Univ. of North Florida, Institute of Police and Traffic Management (IPTM)
Special Problems in Accident Reconstruction, 1983, 1984, 1988, 1989, 1990,
1992, 1994, 1995, 1996, 1997, Jacksonville, Florida
University of North Florida, Institute of Police and Traffic Management
(IPTM)

Miscellaneous

Pumps, 1990, Jacksonville, Florida
Techpro

Previous Affiliations

American Society of Mechanical Engineers (ASME)
American Society of Safety Engineers (ASSE)
National Safety Council, Northwest Florida Branch (NSC)
National Society of Professional Engineers, (NSPE)
Florida Engineering Society (FES)
Society of Automotive Engineers (SAE)
American Academy of Forensic Sciences, Incorporated (AAFS)
National Fire Protection Association (NFPA)
International Association of Arson Investigators, Incorporated, Florida Chapter
(IAAI)
American Society of Heating, Refrigeration, and Air Conditioning Engineers
(ASHRE)

Military

United States Navy, Naval Weapons Station, Yorktown, Virginia
Ensign, 1959-1961
Lieutenant Junior Grade, 1962
Technical Officer, Surface-to-Air Guided Missile Program

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Federal Tax Identification Number: 59-1971135

Fee Schedule

(Subject to change without notice)

Services:

Retainer (per project in advance)	\$1,000.00
Retainer to be applied to final invoice.	
Minimum per project	\$500.00
Testimony Minimum (covers first 2 hours)	\$450.00
Engineering	\$175.00/hr.
Travel (trips one hour or longer)	\$150.00/hr.
Travel advance (per day or partial day expenses not prepaid)	\$2,000.00
Travel advance (per day or partial day expenses prepaid)	\$1,000.00
Testimony at deposition or trial (includes waiting)	\$200.00/hr.
Technician	\$45.00/hr
Clerical	\$35.00/hr.

Expenses not prepaid:

Meals, lodging, consultants, publications, special tools, laboratory analysis, parts, models, car rental, air fare, drafting services, postage, parking, etc.	
Income tax deductible	cost plus 10%
Non-deductible	cost plus 60%
Photographic	
Color (2 - 4x6 prints per negative)	\$2.50 ea.
Reprints (\$10.00 minimum)	\$1.00 ea.
Copies	\$0.20 ea.
Long distance calls	\$5.00 ea.
Mileage	\$.50/mi.

Evidence Storage:

First two months	No Charge
Each succeeding six-month period (in advance)	\$30.00
Supervised access to evidence same as professional services.	

Notes:

1. McCarthy must decline to testify until the \$450 testimony minimum is paid.
2. McCarthy must decline to travel until a travel advance (including tickets if appropriate) is paid.
3. Any unused portion of a travel advance is fully refundable.
4. The travel advance is not a per diem.
5. McCarthy requires aisle, exit row or first class seating.
(Delta #2202422313 US Airways #68L5T48)

Invoice Terms: Net 30 days from date of invoice. (Overdue 1.5% per month)

Signature: _____ Date: _____

(Indicates agreement to terms)