

CURRICULUM VITAE
GEORGE M. SAUNDERS, Jr., P.E., C.F.E.I.
Mechanical Engineer

Academic Background

M.E.M.E., Mechanical Engineering, University of Maryland, 2001
B.S.M.E., Mechanical Engineering, University of Maryland, 1995
B.S., Physics, Frostburg State University, 1994

Registrations and Qualifications

Registered Professional Engineer, State of Maryland, License No. 29241
Registered Professional Engineer, Commonwealth of Pennsylvania, License No. PE070469
Registered Professional Engineer, State of New Jersey, License No. 24GE04665500
Registered Professional Engineer, Commonwealth of Virginia, License No. 0402-042997
Registered Professional Engineer, State of Delaware, License No. 14969
Certified Fire and Explosion Investigator, Registration No. 8599-3590
Certified Training Instructor, Aerial Work Platforms and Rough-Terrain Forklifts, No. 26746

Professional Work History

Senior Mechanical Engineer CED/Accident Analysis Inc. 2002 - Present
Senior Drive Systems Engineer Naval Air Systems Command 1998-2002
Junior Mechanical Engineer Naval Air Systems Command 1995 - 1998
Junior Mechanical Engineer (Co-op) Naval Air Warfare Center - Aircraft Division 1990 - 1995

Professional Societies and Honors

American Society of Mechanical Engineers American Society of Safety Engineers
Society of Automotive Engineers International National Assoc. of Fire Investigators
National Fire Protection Association
Nominated for American Helicopter Society Francois Xavier Bagnoud Award 2001

Areas of Expertise

Mechanical Engineering	Aerial Work Platforms
Fork Lifts	Heavy Equipment
Machine Analysis, Interlocks and Guarding	Consumer Products and Appliances
Mechanical Power Transmission	Mechanical Systems Design and Analysis
Accident Reconstruction	Natural and Propane Gas Systems
Fire Origin & Cause Determination	Explosion Investigation

Continuing Education Seminars

ASME Failure Mode, Effect and Criticality Analysis (1997)•Gear Design (1996, 1998)•Rolling Element Bearing Design (1996)•Rotary Wing Technology (2000)•Turbine Engines (1994, 1996)•Investigation of Vehicle Fires Seminar (2002)•National Seminar on Fire Analysis Litigation (2002)•National Fire, Arson and Explosion Investigation Training Program (2002)•Computer Fire Modeling (2002)•Investigation of Gas and Electric Appliance Fires (2004) • Train the Trainer-Aerial Work Platforms (2006) • Train the Trainer-Rough-Terrain Forklifts