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## **Scott A Jones, PE CFEI**

Professional Engineer – Mechanical Engineering  
Professional Engineer – Electrical Engineering  
B.S. Degree – Mechanical Engineering, University of California, Berkeley  
B.S. Degree – Nuclear Engineering, University of California, Berkeley  
Masters Degree Business Administration  
Certified Fire and Explosion Investigator  
Certified Vehicle Fire Investigator  
Private Pilot

### *PROFESSIONAL SUMMARY*

- Bachelor of Science Degrees: Mechanical Engineering and Nuclear Engineering; University of California, Berkeley, 1984
- Masters of Business Administration; Union College, Schenectady, New York, 1987

### PROFESSIONAL EXPERIENCE

2006 – Present

#### **ENGINEERING INVESTIGATION, LLC**

New Albany, Indiana

#### Senior Mechanical & Electrical Engineer

Investigate, analyze, and provide complete technical reporting on fire, failure, and defect causation. Specialties include: industrial and residential fires/explosions, heavy equipment and automotive systems, major appliances including gas and electric ranges, LP and natural gas systems, water heaters, HVAC systems, fireplaces, aircraft nacelle/EBU systems, sprinkler and fire detection systems, kitchen fire suppression systems, and industrial/OEM product failure.

- 2000 - 2006      **ENGINEERING AND FIRE INVESTIGATIONS, INC (EFI GLOBAL)**  
Lexington, Kentucky  
Senior Mechanical & Electrical Engineer  
Responsibilities the same as Engineering Investigation, LLC
- 1996 - 2000      **SERVEND INTERNATIONAL**  
Sellersburg, Indiana  
Director of Engineering  
Served as Engineering Department Leader for Design Engineering, R&D, Manufacturing Engineering, Tooling and Consumer Service. Conducted design, safety and Underwriter's Laboratories reviews to protect product integrity.
- 1994 - 1996      **GE APPLIANCES**  
Louisville, Kentucky  
Design Manager - Ranges  
Provided engineering leadership to a group of 31 engineering professionals in the Range product line. Provided design leadership for the GE, Profile, RCA, Hotpoint, and Kenmore brands in electric and gas. In addition, provided design guidance for the Calrod heater line.
- 1987 - 1994      **GE AIRCRAFT ENGINES**  
Cincinnati, Ohio  
Staff Engineer – New Engine Development  
Served as the staff engineer for the development, testing, and manufacture of components for military (F-14, F16, B2, and TR-2) and commercial (Boeing 777) aircraft engines. Designed EBU (fuel, hydraulic, pneumatic) systems within nacelle structures. Tested design adequacy through flight test for turboprop and turbofan engines.
- 1984 - 1987      **KNOLLS ATOMIC POWER LABORATORY**  
Schenectady, New York  
Design Engineer – Power Plant Systems  
Developed nuclear and steam plant maintenance and operating procedures for 3 land-based naval nuclear plants.

Wrote system specifications and developed budgetary analyses for major modification work. Participated in design evaluation and system performance testing for all contracted work.

1975 - 1981

**USS ALEXANDER HAMILTON (SSBN-617)**

New London, CT

Electrician

Served as an electrician and power plant operator aboard the submarine. Scheduled and performed preventive maintenance for the ship's power generation, propulsion and crew support equipment. Diagnosed and repaired ships' turbo-generators, high kW AC/DC motor-generators, and ships' single and 3-phase distribution switchgear and motor controllers. Received 5 US Navy Letters of Commendation for "...attention to detail, expedient problem solving, and dedication to duty."

## *CERTIFICATIONS*

Registered Professional Engineer, License Numbers PE10200078 (IN); E67726 (OH); 062-056115 (IL); 22984 (KY); 16252 (MS); 6201053251 (MI); PE073499 (PA); 110614 (TN); 108063 (TX)

Certified Fire and Explosion Investigator - National Association of Fire Investigators

Certified Vehicle Fire Investigator - National Association of Fire Investigators

Private Pilot Certificate Number 3375280 – Single Engine Land

## PROFESSIONAL ORGANIZATIONS

National Association of Fire Investigators (NAFI)

National Fire Protection Association (NFPA)

CONTINUING LEARNING

*Aerial Photogrammetry, Electrical Reliability of North American Electric Power Systems, Indiana Statutes, Rules, and Ethics for Professional Engineers, and Emergency and Standby Power Systems* – EZ.pdh.com - Multiple lecturers – October 2020

*Engineering Law & Ethics* – Multiple lecturers - Halfmoon Education, Inc. – Indianapolis, IN – November 22, 2019

*Rotordynamics* – Albert Storace, PE - Halfmoon Education, Inc. – Cincinnati, OH – February 21, 2019

*NFPA 72 – 2019 Edition, National Fire Alarm and Signaling Code (2019)* – Indianapolis, IN - November 26-28, 2018

*Laws, Rules and Ethics for Indiana Professional Engineers; R901; PDHOnline* – October 4, 2018

*7 Habits of Highly Effective Engineers plus Oil & Gas Production and Process; P245T and M535T; PDHOnline* – December 24-26, 2017

*Fundamentals of Material Science & Electrical Design plus Lightning and Static Electricity Protection; M152T and E112T* – PDHOnline – May 17 & 18, 2016

*NFPA 70E – 2015 Edition, Electrical Safety in the Workplace* - National Fire Protection Association – Indianapolis, IN – September 25-25, 2015

*NFPA 921 Origin and Cause/Subrogation/Burn Cells* – Grinnell Mutual Reinsurance Investigations – Cincinnati, OH – June 17, 2015

*National Electrical Code 2014 Edition Seminar* – National Fire Protection Association – Indianapolis, IN – July 7-9, 2014

*Train-the-Trainer Review of Kirk's Fire Investigation – 7th Edition* – Dr. David Icove, PE and Gerald Haynes, PE – Miamisburg, OH - November 5-7, 2013

*National Electrical Code 2011 Edition Seminar* –National Fire Protection Association – Cincinnati, Ohio – October 24-26, 2012

*Advanced Deposition Skills for Experts* – SEAK, Inc. – Naples, Florida – April 13, 2011

*National Expert Witness Conference* – SEAK, Inc. – Naples, Florida – April 14-15, 2011

*Certified Fire Protection Specialist Primer* – National Fire Protection Association – Orlando, Florida – December 13-14, 2010

*National Electrical Code 2008 Edition Seminar* – National Fire Protection Association – Cincinnati, Ohio – October 19-21, 2009

*2008 International Symposium on Fire Investigation Science and Technology* – National Association of Fire Investigators – University of Cincinnati, Ohio – May 19-21, 2008

*Preview of the New (2008) Indiana Building Code* – American Institute of Architects/Lorman – Evansville, Indiana – February 19, 2008

*2007 Vehicle Burn Seminar* – International Association of Arson Investigators, Inc. – Georgetown College in Georgetown, Kentucky – March 29 & 30, 2007

*2006 International Symposium on Fire Investigation Science and Technology* – National Association of Fire Investigators – University of Cincinnati, Ohio - June 26-28, 2006

*2005 IASIU Insurance Fraud Seminar* – Kentucky Chapter IASIU – Louisville, Kentucky - May 12 & 13, 2005

*2004 National Seminar on Fire Analysis Litigation* – Sarasota, FL – National Association of Fire Investigators – August 12-13, 2004

*2003 IASIU Seminar* – Elizabeth, Indiana – May 19-20, 2003

*2003 World Tire Expo* – Seminar series presented by Tire Industry Association – Louisville, Kentucky – March 27 & 28, 2003

*2002 Vehicle Fire, Arson & Explosion Investigation Science & Technology Seminar* – Eastern Kentucky University, Richmond, Kentucky – September 30 – October 2, 2002

*Insurance Fraud Seminar* – Elizabeth, Indiana – May 13-14, 2002

*2001 Advanced Insurance Fraud Seminar* – Cincinnati, Ohio – November 14-15, 2001

*Overview of the 2000 International Residential Code* – Indianapolis, IN – October 30, 2001

*Indiana Fire and Arson Conference 2001* – Indianapolis, Indiana – August 20-22, 2001

*2000 Advanced Insurance Fraud Seminar* – National Society of Professional Insurance Investigators – Cincinnati, Ohio – November 14-16, 2000

*Arson Investigation for the Second Millennium* – National Association of Fire Investigators – Somerset, KY – May 2-6, 2000