

## James Carpenter | Fire Investigator, IAAI-CFI & ECT, NAFI-CFEI

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### Professional Summary:

James Carpenter has worked for EFI Global since the beginning of 2023. Before then he worked for 25 years on the Clark County Fire Department in Las Vegas, Nv, from Jan 1995 to Jan 2020. James was a Fire Fighter/Paramedic until July of 2012 where he was promoted to Fire Investigator. In July of 2015, James was promoted to Fire Investigator II. James also worked part-time for the Boulder City Police Department since 2009 as their Fire Investigator and as a police officer.

James has earned the titles of Certified Fire Investigator, CFI, Certified Fire and Explosion Investigator, CFEI, Certified Vehicle Fire Investigator, CVFI, and Certified Evidence Collection Technician, CECT, Fire Investigation Technician, FIT.

James has investigated over 1000 fire related incidences to include hotels, commercial structures, small businesses, apartments, residential houses, and vehicles. He was responsible for writing the reports on at the least half of those fires. James has testified several times in court, to a Grand Jury and in depositions as an expert witness.

James earned the title of State of Nevada Private Investigator, 2024.

### Licenses and Certifications:

CVFI, National Association of Fire Investigators, September 2025

Vehicle Fire Investigation Training Program, 28 hrs., Tested, 2025

Nevada Private Investigator, #644, 2024

Certified Fire Investigator, International Association of Arson Investigators, #43-020524, 2024

Certified Evidence Collection Technician, IAAI, #1286, 2024

National Fire Academy FEMA, Fire & Arson origin and cause, 2011

CFEI, National Association of Fire Investigators, #16525, 2011 & 2023

CECT, National Association of Fire Investigators, #119, 2013 & 2016

IAAI-FIT, International Association of Arson Investigators, #2011

NAFI, Advanced Fire, Arson, & Explosion Investigation Training Program, 2013

### Court Qualifications/ Depositions:

Mr. Carpenter has extensive experience testifying as an expert witness in mediation, arbitration, depositions, and trials and has been accepted as an expert witness in numerous jurisdictions.

\*List of Expert Witness Testimony Experience is Available Upon Request

### Professional Experience:

EFI Global, Inc. Fire Investigator, 2023 -2025  
Clark County Fire Department, Fire Investigator, 2012 - 2020  
Clark County Fire Department, Fire Fighter Paramedic, 1995 - 2012  
Boulder City Police Department, Marshal / Fire Investigator, 2021 - 2023  
Boulder City Municipal Court, Boulder City, NV, Marshal / Fire Investigator, 2013 - 2016  
Boulder City Police Department, Boulder City, NV, Police Officer / Fire Investigator, 2009 - 2013  
United States Marine Corps Reserves, Platoon Sergeant, 2003 – 2008  
United States Marine Corps, Active Duty, Company Administration Chief, 1986 – 1992

### Specialized Education:

When Energy Goes Bad: An Investigation into Lithium-Ion Batteries and Their Failures, EFI Global Webinar, 1 hour, 2023

### **CFI Trainer.Net, IAAI: 304 Total Earned Credit Hours**

Ethics & Social Media, 3hrs. tested, 2025  
Introduction to Appliances, 3 hrs. tested, 2025  
Ethical Duties Beyond The Fire Scene, 3 hrs. tested, 2025  
Fire Dynamics in the Wildland, 3 hrs., 2025  
Origin & Cause Hypothesis Testing Fundamentals, 3 hrs., 2025  
The Deposition Part 1: Format, Content, and Preparation 3 hrs., 2025  
Electric & Hybrid Vehicle Design Basics 3 hrs., 2025  
Electric & Hybrid Vehicle Fires 3 hrs., 2025  
Lithium-Ion Battery Fires 3 hrs., 2025  
Electric & Hybrid Vehicle Design Basics, 3 hrs. 2025  
The Deposition Part 1: Format, Content, and Preparation, 3 hrs. 2025  
Process of Elimination, 3 hrs., 2023  
Fire Effects Part 1: Heat Effects on Fuels, 3 hrs., 2023  
Fire Effects Part 2: Combustion By-Products Effects, 3 hrs., 2023  
Understanding Undetermined, 3 hrs., 2022  
NFPA 1033 & 921: 2022/2021 Editions Important Updates, 3 hrs., 2022  
Fire Flow Analysis, 3 hrs., 2021  
Fire Investigation for Fire Officers, 3 hrs., 2019  
Investigating Natural Gas Systems, 3 hrs., 2019  
NV 2019-Fire Investigation Training, 24 hrs., 2019  
Motor Vehicles: The Engine and the Ignition, Electrical, and Fuel Systems, 3 hrs., 2018  
Motor Vehicles: Transmission, Exhaust, Brake, and Accessory Systems, 3 hrs., 2018  
Fire Protection Systems, 3 hrs., 2018  
Fire Chemistry, 3 hrs., 2018

Introduction to Evidence, 4 hrs., 2018  
Thermometry, Heat, and Heat Transfer, 3 hrs., 2018  
The Potential Value of Electronic Evidence in Fire Investigations, 4 hrs., 2018  
Fire Investigator Scene Safety, 3 hrs., 1017  
Introduction to Fire Dynamics and Modeling, 4 hrs., 2017  
Investigating Fatal Fires, 4hrs., 2017  
Fundamentals of Residential Building Construction, 3 hrs., 2017  
The Scientific Method for Fire and Explosion Investigation, 3 hrs., 2017  
Search and Seizure, 4 hrs., 2017  
Smart Meters Data Hardware Nevada Conference, 7 hrs., 2016  
Solid Fuel & Gas-Burning Appliance Nevada Conference, 3 hrs., 2016  
The Deposition Part 2: Questioning Tactics and Effective Responses, 3 hrs., 2016  
Interrogation Law & Technique Nevada Conference 2016  
Motive, Means, and Opportunity: Determining Responsibility in an Arson Case, 4 hrs., 2016  
Electrical Safety, 3 hrs., 2015  
Insurance and the Fire Investigation, 4 hrs., 2015  
Advanced Electrical Aspects of Fire Investigation Mike Keller, 16 hrs., 2015  
Basic Electrical Aspects of Fire Investigation Mike Keller, 16 hrs., 2015  
NFPA 921 and 1033 2014 Editions: Important Revisions, 3 hrs., 2015  
The Deposition Part 1: Format, Content, and Preparation, 3 hrs. 2015  
Residential Electrical Systems, 4 hrs., 2014  
Basic Electricity, 4 hrs., 2014  
DNA, 3 hrs., 2013  
NFPA 1033 and Your Career, 2 hrs., 2013  
The Practical Application of the Relationship Between NFPA 1033 and NFPA 921, 2013  
Evidence Examination: What Happens at the Lab?, 4 hrs., 2013  
Effective Investigation and Testimony, 3 hrs., 2013  
Using Resources to Validate your Hypothesis, 2 hrs., 2012  
Wildland Fires Investigation, 5 hrs., 2012  
Writing the Initial Origin and Cause Report, 3 hrs., 2012  
Critical Thinking Solves Cases, 4 hrs, 2012  
Digital Photography and the Fire Investigator, 4 hrs., 2012  
Arc Mapping Basics, 4 hrs., 2012  
Documenting the Event, 4 hrs., 2011  
Search and Seizure, 4 hrs., 2011  
Ethics and the Fire Investigator. 3hrs., 2011  
Explosion Dynamics, 4 hrs., 2011  
Fire Investigator Scene Safety, 3 hrs., 2011  
Fundamentals of Residential Building Construction, 3 hrs., 2011  
IAAI-FIT Test, 2011  
The Fire Investigator & the 2011 NFPA 921 Changes, 4 hrs., 2011  
Investigating Fatal Fires, 4 hrs., 2011  
Fire and Explosion Investigations: Utilizing NFPA 1033 and 921, 4 hrs., 2010  
Managing Complex Fire Scene Investigations, 4 hrs., 2009  
Physical Evidence at the Fire Scene, 4 hrs., 2009  
Vacant and Abandoned Buildings: Hazards and Solutions, 4 hrs., 2009  
Introduction to Evidence, 4 hrs., 2008  
Introduction to Fire Dynamics and Modeling, 4 hrs., 2008  
Investigating Motor Vehicle Fires, 4 hrs., 2008  
The Impact of Ventilation in Building Structures on Fire Development, 4 hrs., 2008  
The Scientific Method for Fire and Explosion Investigation, 3 hrs., 2008

Understanding Fire Through the Candle Experiments, 4 hrs., 2008

### Affiliations:

International Association of Arson Investigators  
National Association of Fire Investigators  
Veterans of Foreign Wars

### Honors and Awards:

#### Military Decorations:

- Purple Heart
- Certificate of Commendation (individual award)
- Navy and Marine Corps Achievement Medal
- Meritorious Mast
- Letter of Appreciation
- Navy Meritorious Unit Commendation
- Combat Action Ribbon (x2)
- Marine Corps Good Conduct Medal
- Selected Marine Corps Reserve Medal
- National Defense Service Medal (x2)
- Global War on Terrorism Service Medal
- Sea Service Deployment Ribbon (x3)
- Southwest Asia Service Medal
- Iraqi Campaign Medal
- Kuwait Liberation Medal (Saudi Arabia)

#### Community Service:

- Special Olympics Torch Run; 5 years, Tip-a-Cop, Bowling
- Susan Komen events
- Assisting in the Southern Nevada leg of the Law Enforcement Torch Run for the Special Olympics (2010, 2014)
- Bone Marrow Platelet Donor; (2013)
- Bone Marrow Donor; (2011)
- Assisted with U.S.M.C. Toys for Tots campaign (2003 - 2009)
- Provided guidance for Marines transitioning to civilian life, as part of the Marines 4 Life program (2007 -2009)
- Assisted LIGA International (The Flying Doctors of Mercy) in El Fuerte, Mexico (1999, 2000)