

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, 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:

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:

Litigation CV 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:

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., 2017
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)