

**Dusty A. McWilliams**  
Fire Safety & Underwater Consultant  
Augspurger Komm Engineering  
& BTI Consultants  
3315 E. Wier Avenue  
Phoenix, AZ 85040  
(602) 443-1060  
(602)443-1074 fax  
www.AKEINC.com

**EDUCATION**

A.A. General Studies, Phoenix College, Phoenix, Arizona  
B.S. Fire Science, University of Los Angeles, Los Angeles, California

**PRINCIPAL AREAS OF RESEARCH, TEACHING OR CONSULTING**

Investigation of Fire Losses: Cause, Origin, and Circumstances; Underwater Investigation, Reconstruction and Recovery; Arson Strike Force: Cause and Origin; Firefighting Tactics and Procedures; Paramedic Program; Fire Prevention; Wildlife Fire Training; Hazardous Materials; Explosive Safety Management

**CERTIFICATION/REGISTRATION**

National Certified Fire and Explosion Investigator  
Community Colleges of Arizona - Teaching Certificate #26090

**PROFESSIONAL EXPERIENCE**

1987- Fire Protection Engineer, Captain, Boeing Fire Department, Mesa  
Arizona  
  
Code Enforcement, Engineering Plan Reviews, New  
Construction  
  
Department Liaison with Government, State and City Agencies  
  
Incident Commander  
  
Fire Investigations for Boeing Company

1980- Fire Investigator, BTI Consultants, Tempe, Arizona  
  
Investigation of Fire Losses  
  
Provide Expert Testimony in Deposition Testimony and Court  
Testimony  
  
Develop Case Reports  
  
Interact with Government, State, City and Private Agencies

1972-87 Fire Captain, Scottsdale Fire Department, Scottsdale, Arizona  
  
Fire Investigator with City Arson Strike Force  
  
Relief Captain with Fire Suppression Force  
  
Code Enforcement, Occupancy Inspections, Plan Reviews

**MEMBERSHIP/ORGANIZATIONS**

National Fire Protection Associations  
Advisory Board Member to International Airport Mobility Network  
National Association of Fire Investigators  
International Conference of Building Officials  
Arizona Homicide Investigators Association  
International Association of Arson Investigators

**OTHER**

Conducted over 6000 investigations as to the cause, origin and related Circumstances of different fire losses to include both accidental and intentional.

Qualified and testified as a fire cause and origin expert in civil and criminal cases.

Given depositions and provided consultant expertise as to the cause, origin and related circumstances of different fire losses to include areas of: fire behavior, point of fire origin determination, accidental and incendiary fire cause determination, motivation of fire setters, fire death investigation, and fire scene investigation.

Attended numerous educational institutions throughout the United States in fire investigation to include but not limited to: National Fire Academy, Arizona State Fire Marshall, California Fire Service Academy, Universities and Community Colleges.

Provided direct fire investigation assistance and instruction to organizations that include but are not limited to: Federal Bureau of Investigations, Alcohol, Tobacco and Firearms, fire and police departments, private investigators, attorneys, insurance companies, civic groups and organizations.