

Dusty A. McWilliams
Fire Safety & Underwater Consultant
Augsburger 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

PROFESSIONAL EXPERIENCE (Continued)

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 Association
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.