

# Nevada State Firefighter's Association **The PUMPER**

BY: AL DRAKE

**ARTICLES WELCOME**

## Mike Heidemann Distinguished Service Award



Special edition for Mike and .....

Read to the end for a peak at our 2019 conference . Stay tuned for more information to come,

Time to restructure your department ?

Aircraft Firefighting

Task Force 4209 Battling the Camp Fire

New FF License Plates

is your Christmas Tree Safe

Visitors From Japan

Mike Heidemann was in attendance with his wife Wendy when he received the 2018 Distinguished Service Award at the 2018 FF Memorial in Carson City the morning of Oct 13.

As all firefighters, Volunteer or career know, how involved our partners in life are in supporting us in what we do.

As you read on of Mike's accomplishments and commitment to the fire service you will know he could not have accomplished all he does without the support of Wendy.







**To: Nevada Firefighter Memorial Board**

**Fr: Mark Flesher**

**Re: Michael Heidemann Nomination of the Distinguished Service**

**Selection Committee – as President of the Nevada State Firefighters Association, on behalf of the Board of Directors, please except this document nominating Michael Heidemann to be recognized for his continued service to the Nevada Fire Service.**

**Innovations in firefighting techniques, training, equipment, historic preservation or documentation of the fire heritage of Nevada – 1,** As Co-Chair of the National Volunteer Fire Council Health, Safety and Training Committee Mike co-developed the B.E.S.T. (Behavior, Equipment, Safety and Training) program as part of a grant from the Motorola Foundation. He has delivered this program to several state associations across the country to promote this important concept. **2,** Mike has constructed a scrap-book encompassing the history of the Nevada State Firefighters Association since it's' inception in 1935. In addition he has researched all Past Presidents of the association which he had made into a plaque recognizing them which is housed at the Nevada State Fire Marshal Division in Carson City. **3,** as an adjunct instructor for the SFMO he continues to deliver best practices to Nevada fire departments, in particularly to rural areas.**4,** He has designed and facilitated many multi-jurisdictional trainings including full scale drills with the Nevada Department of Emergency Management.

**Key role in fire service legislation –** Mike has served as an unpaid lobbyist for the NSFA since 2009 and was successful in amending NRS617.457 to include volunteer firefighters age 50 and over to be included in the benefits of this chapter. He also was able to amend NRS286.520 which exempts volunteer firefighters from the critical labor shortage provisions and allows them to continue to volunteer upon retirement from public employment. In 2016 Mike addressed the obstacles for firefighters to obtain the required “F” endorsement for operating department vehicles over 26,000lbs. And was able to change NAC483.110 to allow local departments to certify their operators and eliminate the third party certifier requirement for fire departments.

**Served on statewide/national committees involved in developing fire service standards, codes, legislation etc.** – In addition to representing the fire service at the Nevada Legislature, Mike serves on the NVFC Health, Safety and Training committee, where he was instrumental in developing such initiatives as the Heart Health Firefighter and Share the Load programs and most recently input on the White Paper to develop the National Fire Fighter Cancer Registry. As a member of the NVFC Legislative Committee, he has been involved with efforts to continue to support funding for the Assistance to Firefighters grant programs as well as tax initiative to help recruit and retain volunteer firefighters. He has represented Nevada on the NVFC since September 2001. Mike has also been appointed by both Governors Kenny Guinn and Jim Gibbons to serve on the Nevada Emergency Medical Services Advisory Board. He currently serves on the Nevada Hazard Mitigation Subcommittee and the Nevada Intrastate Mutual Aid Committee. Mike also serves on the Advisory Board for the Fire-ShowsWest Education and Training Conference held in Reno each year as well as Safety Officer for the Great Reno Balloon Races held in Reno each September.

**Community service outside of the fire service** – Mike has always been involved in his community whether it be sports or service organizations.

## **Biography – Michael Heidemann**

Mike graduated from Pershing county High School in 1975. Mike moved to Reno and married his wife Wendy in June of 1979. They are the proud parents of two children Joshua and Paige. He returned to Lovelock in 1982 to work for Pershing County School District, where he retired from in March 2007 as the facilities engineer and maintenance supervisor. Mike then went to work for the Hawthorne Army Depot Fire Department in 2008 where he held the position of Training Officer/EMS Coordinator and later Assistant Fire Chief until he retired again in February 2017. He was approached by a few colleagues to consider a position in Emergency Management for Churchill County. Mike accepted the Churchill County Emergency Manager position February 2017 in time to assist in the “High Water 17” spring thaw event and implement some strategies to avoid flooding in the City of Fallon. He is still currently employed in this position. In addition, he is also employed as an adjunct instructor for the Nevada State Fire Marshal Training Division and is contracted as part of the Command Staff and Fire Chief for the annual Burning Man event held each year in the Black Rock Desert.

Mike has always been community minded and has held many positions in Lovelock. In December 1988 he joined the Lovelock Volunteer Fire Department and found his true passion. Mike has held positions such as Captain, Safety Officer and EMS Coordinator for LVFD. He attended many meetings of the Nevada State Firefighters Association and was appointed Secretary in 1999, a position that transitioned in to the Executive Director, which he still holds today.



**Attached is a list of positions and acknowledgments of Mike's career:**

**History of Accomplishments – Michael Heidemann**

- President Lovelock Little League – 1987-1992
- President Lovelock Eagles Aerie #1557 – 1992
- Co-Chair Lovelock Frontier Days Committee-1992-1997
- AYSO Soccer referee – 1985-1992
- Basketball coach Lovelock Middle School 1993-2000
- Baseball coach Pershing County High School -1996-1999
- Pershing County Emergency Medical Services Coordinator 2000-2007
- Nevada EMS Advisory Committee 2004-2007/2009-2013
- Dave Drew Fire Instructor of the Year 2004 & 2013
- DoD/Hawthorne Army Depot Fire Officer of the Year 2016
- Nevada Hazards Mitigation Sub-Committee – Currently serving
- Nevada Intra-state Mutual Aid Committee – Currently serving
- Nevada State Firefighters Assn. Secretary/Executive Director–1999-Present

FireShowsWest Advisory Board – Presently serving

**Qualifications/Certifications:**

- ICS 100,200,300,400,700 and 800 levels
- NFPA Firefighter I and Firefighter II
- National Fire Academy Fire Safety Officer Trainer
- National Fire Academy Q-318 Fire Service Supervision Certification

## **Planning Certification**

- Emergency Management Institute (FEMA) Exercise Evaluation and Improvement **Planning Certification**
- Emergency Management Institute (FEMA) Emergency Manager Certification
- Emergency Management Institute (FEMA) Developing and Managing Volunteers
- Emergency Management Institute (FEMA) Public Information Officer
- Emergency Management Institute (FEMA) Threat and Hazard Identification and Risk **Assessment**
- Lead Evaluator for Nevada State Fire Marshal Division
- Adjunct Instructor Nevada State Fire Marshal Office
- Nevada Threat Analysis Center Intermediate Terrorism Liaison Officer – Department of Homeland Security
- NFPA Hazardous Materials Awareness, Operations, Technician and Hazmat Incident



## Command levels

- Fire Instructor I and Fire Instructor II - Fire Service Master Instructor III
- NFPA/DoD/IFSAC Fire Inspector I&II
- NFPA Fire Officer I and Fire Officer II
- NFPA Driver Operator
- Emergency Medical Technician Intermediate/Advanced
- Current OSHA 30 Certification
- Emergency Medical Instructor
- CFCA Emergency Medical Services Specialist
- Weapons of Mass Destruction Instructor
- National Fire Academy Arson Detection
- National Fire Academy Leadership I, II and III levels
- Nevada Hazardous Materials and Uniform Fire Code Certification
- Appointed by Governors Guinn, Gibbons and Nevada Health Division as member of **Nevada Emergency Medical Services Committee**
- Executive Director - Nevada State Firefighters' Association
- Nevada Director - National Volunteer Fire Council

# Task Force 4209: Tuolumne County firefighters battle the Camp Fire



Courtesy / Tuolumne Fire Protection District Task Force 4209 was comprised of 18 firefighters from regional departments in Tuolumne and Calaveras Counties. The group battled to save a neighborhood in Yankee Hill, assisted with animal control, and witnessed the devastation in the town of Paradise.

Steve McClintock sent a link to a great article on the California Camp Fire. ***Click on the link to open and read the entire story.***

My department that I am the Chief of (Mi Wuk Sugar Pine Fire Protection District ) is actually interviewed. It shows some issues that they and the rest of the Strike Team went through.

<http://www.uniondemocrat.com/localnews/6708952-151/task-force-4209-tuolumne-county-firefighters-battle-the>

Steve McClintock

# WANTED

## VOLUNTEER FIREFIGHTERS

### REQUIREMENTS:

must be willing to risk life  
save tax payer's \$137 billion per year  
train for hundreds of hours  
be very courageous  
ignore what your brain tells you  
respond 24/7  
leave family at dinner table  
get yelled at by angry motorists  
wear a snow suit in summer  
witness death and dismemberment  
never know what your getting into  
have balls of steel  
have a day job  
deal with people in pain  
not be afraid of heights  
keep a good attitude and...  
be ok with not getting a thank you

Not exactly sure who gets the credit for authoring this but I am sure who ever originally wrote this will not mind it being included in your Pumper.



## **10 Safety tips to keep your tree around for the season**

Though not common, Christmas tree fires usually cause serious and costly damage. Eighteen percent of these fires were caused by a heat source too close to the tree. Improper disposal of the tree is also implicated as a cause. Here are tips to prevent this very preventable type of residential fire.

**1. Choose fresh over cheap and dry.** The fresher the tree, the less likely it will pose a fire hazard. Look for flexible needles that don't break, and a trunk with sap.

**2. YES....Keep the hot water coming.** Every time you water your tree be sure to use hot water out of the tap, this will help keep the bottom of the tree sap free and keep the tree drinking. The tree stand should contain a continuous source of water and be sturdy enough to resist toppling by kids or pets.

**3. Don't choke the cord.** Attach only three maximum strings of lights to any one extension cord, then place cords along walls to prevent a tripping hazard. Never run them under rugs or carpets.

**4. Trees don't need warmth.** Keep the tree away from heat sources such as fireplaces, candles and even a TV.



## **10 Safety tips cont:**

**5. Not any lights will do.** Use low energy, safe lighting that's been certified by a safety testing lab. Don't use damaged or frayed cords.

**6. Turn lights off.** Never leave the lights on overnight. Same goes for any appliances not in use when you are home or away.

**7. Don't keep a dry tree around.** Dispose of it at this point properly. Don't even keep it in the garage.

**8. Artificial tree safety awareness.** Artificial trees should be flame resistant and have a seal for an approved safety testing laboratory if the tree contains a built-in lighting set.

**9. Death by artificial tree.** If the tree is metal, never use electric lights, as they can charge the tree and lead to electrocution.

**10. Keep a fire extinguisher nearby.** Make sure everyone knows its location and how to use it.

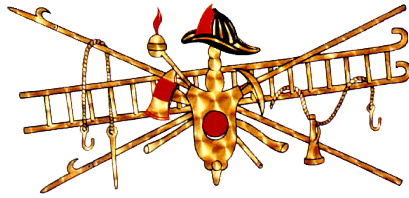
**Merry Christmas and Safe New Year**  
**Mark Flesher**



## **NSFA Supports Fireshows West**

The NSFA Board of Directors participated in the success of the 2018 Fireshows West Conference held November 6-9 2018 at the Grand Sierra Resort in Reno Nevada. The conference is attended by firefighters from ten western states and encompasses hands on training, class lectures and interactive training as well as a large vendor area displaying the latest and greatest in firefighter apparatus, gear and equipment. Board members participating with the training portion of the conference were Mark Flesher, Al Drake, Richard McNight, Bill Gorsline, and Jim Foster, Mike Heidemann served on the show management team. SFM Bart Chamber was Master of Ceremony. More on the show in the 2019 publication.

# *The Firefighter's Prayer*



**When I'm called to duty god  
wherever flames may rage  
give me strength to save a life  
whatever be its age  
Help me to embrace a little child  
before it is too late  
or save an older person from  
the horror of that fate  
Enable me to be alert  
to hear the weakest shout  
and quickly and efficiently  
to put the fire out  
I want to fill my calling and  
to give the best in me  
to guard my neighbor and  
protect his property  
And if according to your will  
I have to lose my life  
bless with your protecting hand  
my children and my wife**



## 11 Insurance Resolutions NSFA Members Should Make

As we drop the confetti and toast the New Year, an annual tradition is to make a resolution. What will yours be? Here are the [top five resolutions](#) Americans have made in recent years:

- Lose weight
- Get organized
- Spend less and save more
- Enjoy life
- Become more fit and healthy

Unfortunately, research shows less than 10 percent of us actually keep them.

Another area where we often fail is not taking stock of our biggest assets: our homes and vehicles. Here is a list of 11 simple resolutions you can make this New Year to protect the most valuable possessions you have worked so hard to attain.

### 7 Home Insurance Resolutions:

- Do a yearly policy review with an insurance advisor to check that you are getting all the discounts you qualify for, that you adequately insure any new additions or appliances, and verify that your liability coverage isn't lacking
- Make sure you have [replacement value](#) if a fire or other disaster strikes
- Purchase [earthquake or flood](#) insurance if you live in areas prone to either
- Save on your premiums by investing in [security and fire suppression](#) systems
- Get [renters insurance](#) if you don't have it yet
- Protect high-dollar items such as jewelry, fine art or musical instruments with [scheduled personal property](#) insurance
- Complete a [comprehensive inventory](#) of everything in your home in case you should ever have a claim



#### 4 Auto Insurance Resolutions:

Get a yearly policy review to check deductibles, coverages and to make sure you are getting all the discounts you qualify for (professional, multi-policy, good student, mature driver)

Make certain you have adequate protection from [uninsured or under-insured](#) drivers

Add any [new drivers](#) to your policy (teens or a new spouse)

Bundle your auto and home insurance to receive deeper discounts

#### We Are Here To Help!

Start the New Year off right; resolve to call California Casualty today to make sure you are getting the professional discounts and benefits you deserve, such as:

\$500 coverage for items (including turnout gear and uniforms) destroyed or stolen from your vehicle

Deductible waived or reduced if your vehicle is vandalized or hit while parked at the station where you work or volunteer

Fallen hero survivor benefit (the premium is waived for the remainder of the policy period and the following year for surviving spouses or partners of a firefighter who is killed in the line of duty).

Call a [\*\*California Casualty\*\*](#) advisor today for the best protection with the discounts you deserve by contacting your Nevada representative Jill Strandquist at [\*\*1.866.763.6285\*\*](tel:1.866.763.6285) or at [www.calcas.com/jstrandquist](http://www.calcas.com/jstrandquist).

This article is furnished by California Casualty, providing auto and home insurance to members of the Nevada State Firefighter's Association since 2002. Learn more and get a quote at [\*\*1.866.763.6285\*\*](tel:1.866.763.6285) or [www.calcas.com/Firefighters](http://www.calcas.com/Firefighters).

## New Firefighter License Plate

The Nevada DMV has released the new Firefighter license plate



The new FF plate will replace the VF plate due to a stacked letter conflict between Volunteer Firefighters and Air Force Veterans. This conflict didn't bode well for anyone with either plate. If you shared a similar plate with an Air Force Veteran, you could get their speeding tickets and warrants for not appearing in court!

The new plates will be rolling out sometime in July and those of you who already have a non-personalized VF plate will automatically have one mailed to you for replacement.

As you may know, the fees for the now-retired VF plates and the new FF plates go towards training for volunteer firefighters in Nevada. So starting the end of December, go forth and get your new Firefighter plates to help support volunteer firefighters across Nevada.



## **Is It Time to Rethink Your Organizational Structure**

Is your department struggling to keep up? Not enough people to respond, not enough people to serve on committees, not enough people to take on added responsibilities, and not enough people to do all the jobs that need to get done. The biggest challenge faced by today's volunteer firefighter or EMS provider is time. Not enough time with the spouse and kids, not enough time to devote to our careers, favorite past times and not enough time to do what we love to do: volunteer.

Times have changed and the things we did for our communities thirty years ago are becoming more difficult to deliver, few individual volunteers have the time to be everything they once were to the fire department. We have always been there for anything our community needed. If you needed your flooded basement pumped out, who do you call? If a storm knocks down a tree and it blocks the roadway, it's the fire department that gets called to remove the hazard. Who do even the police call when they can't handle a situation? When the power goes out and the traffic signals are dark at every intersection in your town, the police call on the fire department to fill in and take over until power and order are restored. Brush fires, medical calls and good intention standbys are also increasing. In addition, we are also involved in community events such as blood drives, school events, parades and so on. The firehouse was always a central place for the community to reach out to for support. But those days are fading fast.



The advent of DINKs (Double Income-No Kids) and MWCs (Married with Children), the infiltration of countless activity opportunities, and the influence of and dependency on technology have created a time warp that is working against the volunteer fire service. People have more choices but seemingly less control over their “disposable” free time. (I Borrowed this from another source)

So, how can we get the same job done with the same set of people who have less time to volunteer? The blunt reality is: we can't any longer. Doing more with less isn't working.

How can we fix this problem, what are our options? One option is to cut down on the services we provide but is that in the best interest of the community or why we joined in the first place. And how do you decide what program to drop. Which are essential, and which can better be served by another organization? If your manpower situation warrants it, face the hard facts and cut back to delivering only those services for which your municipality contracts and pays for. For example, if your volunteers are struggling to keep up with the training and response requirements associated with your basic service offering, yet the added burden of specialized rescue training is keeping them from building on their core competencies, you must ask yourself, “Is it time to cut back on the number of services we provide? When we volunteer take on a job – being the over-achievers we are – we typically jump in with both feet. Unfortunately, we've jumped with both feet into so many jobs that we often spread ourselves too thin. We end up being fair or poor at a lot of things instead of being good at a few. This contributes to accidents and burn out. Not to mention potential litigation. However you choose to address a particular task, do it completely. Do it right or don't do it at all.

It's obvious that employing the option just discussed can be a double-edged sword. Reducing services can lead to reduced public support, financially and politically. Be careful and thoroughly think it through. Go to your local governing body, city, county commission or council and lay out your predicament. Ask them for input. There may be a chance they can provide an incentive tool for recruitment. Show them what it will cost in tax dollars to provide a total career fire department. To provide a paid department, they will have to pay at least as much as surrounding areas pay, plus all the benefits. Try to get a feel for where they are headed in the future.

Another option is to recruit more people. This would help to reduce the workload of each volunteer but utilize a larger total number of volunteers to share the load. But where are these new volunteers coming from? How many of you have a waiting list of people hoping for an opening on your department?

What do you need more volunteers for? What specific jobs do you need them to perform and how many volunteers do you need to perform each job function? What type of volunteer is best suited to get the job done? Do you need more suppression firefighters, EMS personnel or maybe just someone to coordinate fundraising events, social events or department record keeping. You need to do a community risk analysis and needs assessment to determine where the gap is. An honest needs assessment can determine what type and how many more volunteers. It sets the stage for how you structure or re-structure your membership, as well as how you plan to attract the new volunteers you need. If your department requires new volunteers to be certified in everything, for example Firefighter 1 & 2, EMT, Rescue Technician, etc., etc. – I say good luck. While cross training is essential to a certain extent, going overboard can easily overwhelm most volunteers, burning them out prematurely. Interior firefighting may not be for everyone, but there is a place in your department for someone who wants to volunteer their time. It is time to think outside the box and change some of the cultures in our organizations. This will take strong leadership and people skills as change is not accepted freely across the department. We need to recognize and admit that a job that once took 10 volunteers 10 hours a week to accomplish may now require 20 volunteers who only have 5 hours a week to offer.

Another burden on departments today is requirements by our municipalities to provide a certain level of service. Whether NFPA standards or OSHA requirements, and yes Nevada Firefighters both career and volunteer are subject to OSHA requirements as they are employees of the authority having jurisdiction. We must convince our elected officials that public safety is a priority and fund it as such. Property tax breaks, defined contribution programs, reimbursement for lost wages while attending certification training etc., etc. are some possibilities to help recruit and/or retain our membership.

Remember how the fire service got started with Benjamin Franklin and his plea to “come when you can” was the standard. I believe helping when you can is still the core value of the volunteer service, however we must ensure that everyone is trained to be proficient at whatever their particular area of participation may be. Stay safe out there.



“People don’t care how much you know, until they know how much you care”.

Michael Heidemann/Executive Director-NSFA



## NSFA President/Clark Co. Fire Department Host Japanese Firefighter Association Members in Las Vegas

I would like to take the time to thank the Japan Firefighters Association for giving the Nevada State Firefighter's Association and the hosting Fire Department, Clark County Fire Department the great honor to meet each and every one of the Fire Chief's that represent the Volunteers in Japan. Even though our Associations are so far apart we are so much alike in the way that we care about the Firefighters that put their life on the line every day without pay to save a life or to extinguish a fire.

Special thanks to: Mr. Toshifumi Akimoto, President of the Japan Firefighters Association and Mr. Hiroshi Fukuchi, Assistant Chief of International Division, Japan Firefighters Association for the warmest thank you that you bestowed upon Chief Larry Haydu and I during your visit to Las Vegas. With our two Associations backing volunteers with the opportunity for quality training and to make funding available for specialty firefighting equipment and lifesaving garments will only make the volunteer Firefighters safer as well as educated in life saving techniques.

Honorable Mention to:

Ms. Keiko Hirano

Mr. Takashi Akiwa

Mr. Hiroshi Fukuchi

Mr. Masafumi Izumi

Mr. Toru TanakaMr. Koji Okuma

Mr. Kazuya Habara

Mr. Takamaru Takeshita

Mr. Hiroshi Tanaka

Mr. Shinichi Shizukawa

Mr. Norio Nagahori

Mr. Ikuro Fukuda

Mr. Terao Azuma

Ms. Yuki Uchida

Fire Station 21-C

*Mark Flesher*





## ***Aircraft Rescue Firefighting and what it means to you.***

Are you ready for that call? Will you know and understand what steps need to be taken in order to mitigate that situation? Be prepared, you may not be a certified airport rescue firefighter but when you respond to an off airport crash you most certainly will be placed in that roll.



Aircraft emergencies can happen at any location and anytime, in nice weather and bad weather. At any given time, there are thousands of flights every day. The State of Nevada has approximately 80 airports. Six of those airports have scheduled passenger service. Four of the eighty are classified as Part 139 certified airports. That means the rest of the airports are not covered by full time firefighters. Although most airports might not see much traffic that does not mean the local departments don't have to be ready. Aircraft accidents just do not happen at airports. They can happen anywhere.

Commercial service airports are required to provide Airport Rescue Fire Fighting during commercial operations at airports. They are guided by NFPA 403, CFR 14 Part 139 and advisory circulars. These documents talk about training, equipment and personnel requirements. Advisory Circular's are more specific than what Part 139 describes. Even though these are used at commercial airports they can benefit small rural fire departments that may have to respond to a downed aircraft near their jurisdiction.

If your department is required to cover an airport in your jurisdiction, then have a plan in place. Develop standard operating guidelines and response plans. Part 139 airports are required to have emergency plans for every possible situation that could occur at the airport. Local departments should do the same.



At all aircraft accidents/incidents the FAA and the NTSB should be notified. The Regional Operations Center (ROC) will decide if a further investigation is warranted. It will depend on the severity of the accident. If you contact the FAA or NTSB directly they will be able to coordinate with the ROC on appropriate response to the accident.



U.S. Department  
of Transportation  
Federal Aviation  
Administration

## Advisory Circular

**Subject:** FIRST RESPONDERS' RESPONSIBILITY FOR PROTECTING EVIDENCE AT THE SCENE OF AN AIRCRAFT ACCIDENT/INCIDENT  
**Date:** 9/28/2009  
**AC No.:** 150/5200-12C  
**Initiated by:** AAS-300  
**Change:**

1. **PURPOSE.** This advisory circular (AC) furnishes general guidance for airport employees, airport management, and other personnel responsible for aircraft rescue and firefighting (ARFF) operations at the scene of an aircraft accident on the proper preservation of evidence. It explains the need for preservation of evidence and details operational actions which may be permitted if performed in the interest of preserving life.
2. **CANCELLATION.** AC 150/5200-12B, *Fire Department Responsibility in Protecting Evidence at the Scene of an Aircraft Accident*, dated September 3, 1999, is cancelled.
3. **APPLICATION.** The material contained in this AC is applicable for use on all civil airports. The Federal Aviation Administration (FAA) recommends the guidance and specifications in this Advisory Circular be used by First Responders responsible for protecting evidence at the scene of an aircraft accident/incident. In general, use of this AC is not mandatory. However, use of this AC is mandatory for all projects funded with federal grant monies through the Airport Improvement Program (AIP) and with revenue from the Passenger Facility Charges (PFC) Program. See Grant Assistance No. 34, *Policies, Standards, and Specifications*, and PFC Assurances No.9, *Standards and Specifications*.

That is why it is necessary to protect the scene as much as possible during firefighting operations. Only do as much as is needed in order to protect the interest of saving lives. Take notes while performing firefighting or lifesaving duties. The investigators will want to know if you removed part of the fuselage in order to gain access to a patient.

**Flight Standards District Office (FAA FSDO) and the National Transportation Safety Board (NTSB) should be contacted as soon as it is safe to do so. In most cases, the pilot in charge will contact the FAA after in the incident. If that does not happen then the senior most member of the response team should make the notification.**

**Have all the pertinent information ready for the FAA/NTSB investigators. Some questions that will be asked.**

**Pilots name and address along with contact information.**

**Make and model of the aircraft.**

**Tail number or N number.**

**Type of damage to the aircraft.**

**Was it an accident or an incident?**

**Injuries to the occupants, any other injuries.**

**Location of the accident.**

**Damage to property on the ground.**

**Pictures (take many pictures including the instrument panel).**



Think about the type of fire you will be fighting. Aircraft crashes have the ability to be considered hazmat incidents due to the amount of fuel that is carried on board. Does your fire truck have the ability to produce foam to create a vapor barrier? Can you provide a safe egress for the crew and passengers?

You will not know what is carried in the aircraft. Was the aircraft carrying cargo? What kind of cargo?

Chemicals? What if the aircraft is leaking fuel and not on fire? Many of these questions can come to mind while responding to an aircraft crash. Be prepared and expect the worst.



## Advisory Circular

Subject: AIRCRAFT FIRE EXTINGUISHING AGENTS

Date: 7/08/04

AC No: 150/5210-6D

Initiated by: AAS-100

Change:

1. **PURPOSE.** This Advisory Circular (AC) provides guidance for reference material covering Aircraft Fire Extinguishing Agents.

2. **CANCELLATION.** Advisory Circular 150/5210-6C, dated January 28, 1985, is cancelled.

3. **APPLICATION.** The Federal Aviation Administration (FAA) recommends the guidelines contained in this AC for Aircraft Fire Extinguishing Agents. This AC is not mandatory and does not constitute a regulation. However, the information it contains provides an acceptable methodology for complying with Title 14 of the Code of Federal Regulations (CFR), part 139, *Certification of Airports (Part 139)*. In the event of a conflict, part 139 takes precedence over the other documents identified in this AC.

#### 4. APPLICABLE DOCUMENTS.

The following documents are applicable to the extent specified in this AC:

##### 4.1 Code of Federal Regulations (CFR).

14 CFR part 139, *Certification of Airports (part 139)*.

##### 4.2 National Fire Protection Association (NFPA).

NFPA 18, *Standard on Wetting Agents*, 1995 edition.

NFPA 403, *Standard for Aircraft Rescue and Fire-Fighting Services at Airports*, August 7, 2003, edition.

NFPA 412, *Standard for Evaluating Aircraft Rescue and Fire-Fighting Foam Fire Equipment*, 2003 edition.

##### 4.3 Military Specifications.

MIL-F-24385F, *Fire Extinguishing Agent, Aqueous Film Forming Foam (AFFF) Liquid Concentrate, for Fresh and Seawater*, dated January 7, 1992.

Unless you are a pilot or around an airport a lot you may not know and understand what type of aircraft you are dealing with. Pre incident knowledge on aircraft familiarization is a critical component when responding to an aircraft emergency. For example, Cirrus aircraft have a ballistic parachute system that could still be charged. Do you know where they are located? If you are working in the wrong place you may discharge the parachute.

Some of the most common general aviation aircraft that you should become familiar with are; Cessna( all models), Piper (all models) and Beechcraft (all models). Where are the fuel shut offs located? What about the battery disconnects?



## Advisory Circular

**Subject:** Programs for Training of Aircraft Rescue and Firefighting Personnel

**Date:** 6/12/2015  
**Initiated By:** AAS-300

**AC No:** 150/5210-17C  
**Change:**

1 **Purpose.**

This Advisory Circular (AC) provides information on courses and reference materials for training of Aircraft Rescue and Firefighting (ARFF) personnel.

2 **Application.**

The Federal Aviation Administration (FAA) recommends the guidelines and standards in this AC for aircraft rescue and firefighting training programs. In general, use of this AC is not mandatory. However, for airports certificated under Title 14 Code of Federal Regulations, Part 139 (14 CFR part 139), this AC is required. It provides acceptable guidance in meeting the requirements for aircraft rescue and firefighting training outlined in 14 CFR §139.319. The standards contained in this AC to help an airport's ARFF training program. An airport operator may elect to follow an alternative method, provided it is also approved by the FAA as an acceptable, alternate means of complying with the requirements of part 139. In the event of a conflict, the requirements under 14 CFR Part 139 take precedence over the guidelines set for in this AC.



**Keep these things in mind if you are ever responding to a downed aircraft including helicopters. Rely on your training during these incidents. Knowledge is the key to what we all do. Become familiar with aircraft in general. Check out some advisory circulars, read the standards the NFPA has provided.**

**Advisory circulars are located at [FAA.gov](http://FAA.gov) if you would like further information. Ask the questions to your department and find the answers that you need.**

**Train for these emergencies and please be safe.**

**Jim Foster**



A fireman knocked at the heavenly gate  
His face was scarred and old  
He stood before the man of fate  
For admission to the fold.

"What have you done," Saint Peter said,  
"To gain admission here?"  
"I've been a firefighter, sir," he said  
"For many, many years."

The Pearly Gates swung open wide,  
As Saint Peter touched the bell.

"Come in and choose your harp, my son,  
You've seen your share of hell."

- Author Unknown

*Susan Corbin 2012*

To give you a slight preview of our 2019 training conference at the

***Colorado Belle-Edgewater Casino & Resorts 2100 S. Casino Drive Laughlin, NV 89028***

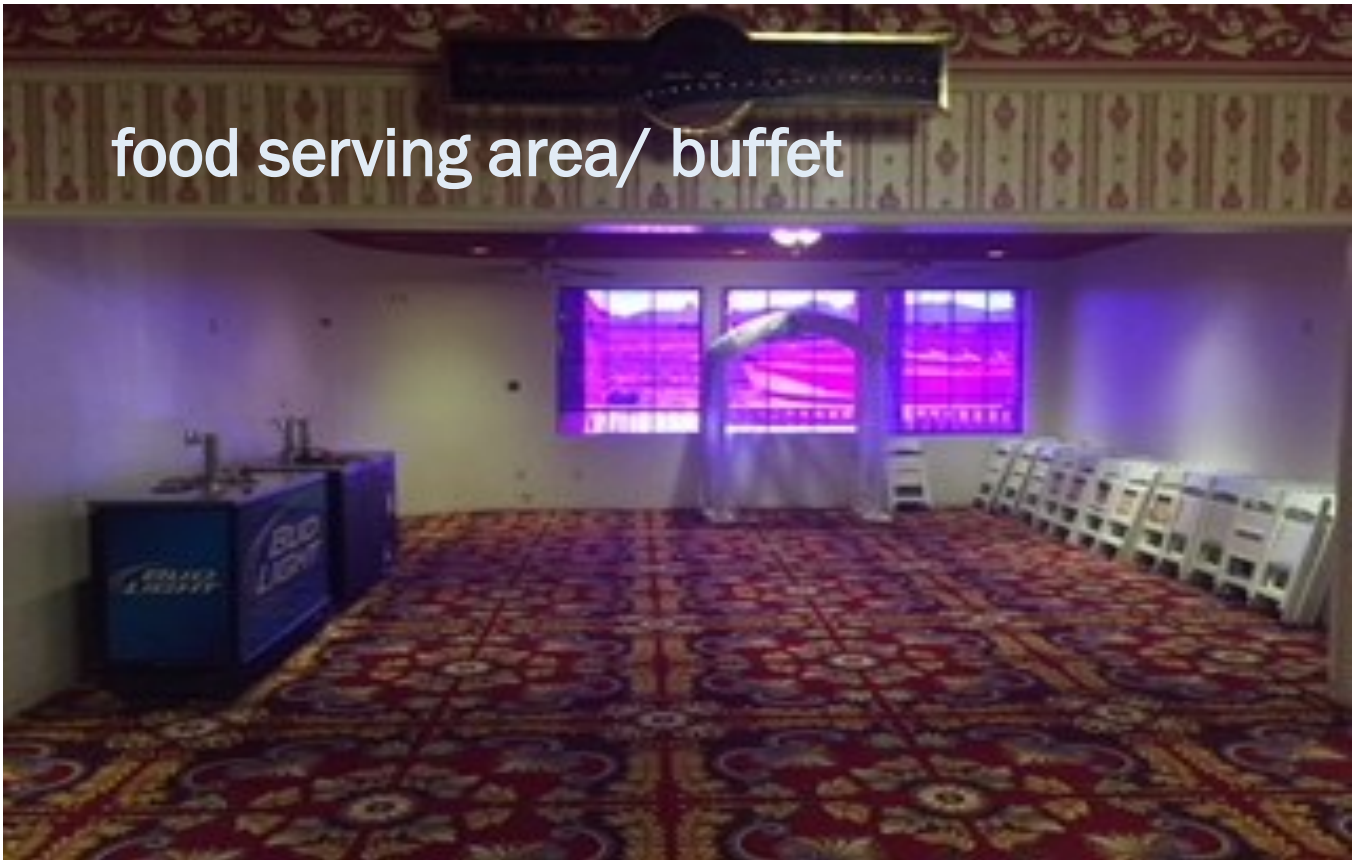
*See a few photos. Stay tuned for a full blown Pumper edition on our 2019 conference. Plan on taking a family vacation to Laughlin NV for the conference!!*

banquet room as well as meeting space

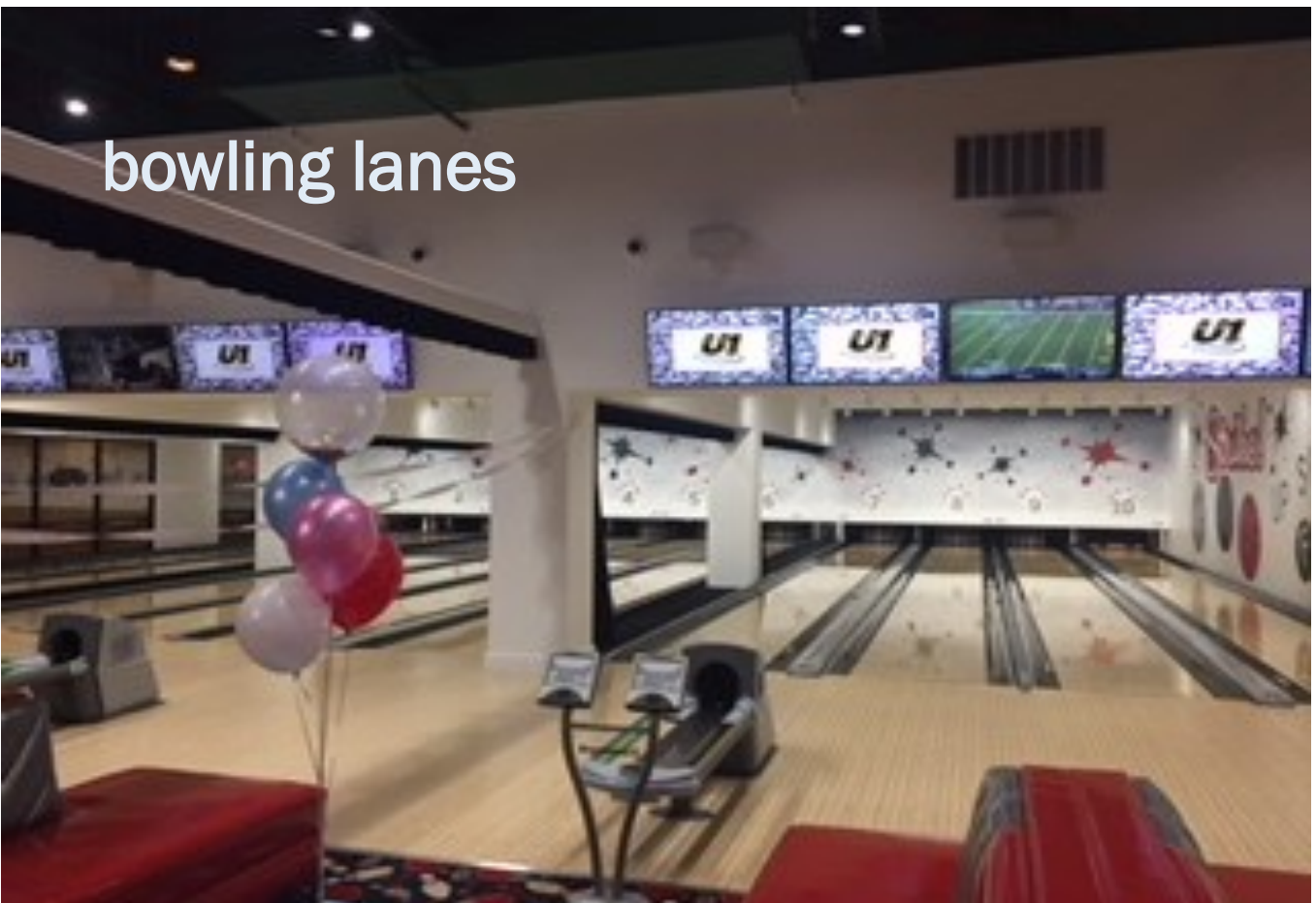




food serving area/ buffet



bowling lanes



class rooms



Stay tuned for more information  
on our 2019 conference at the

***Colorado Belle-Edgewater Casino  
& Resorts 2100 S. Casino Drive  
Laughlin, NV 89028***

This conference is building up to be  
a conference of all conferences!!!!



**Nevada State  
Firefighter's Association**

# **The PUMPER**

BY: AL DRAKE



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