



BURN BAN - OFF

FIRE DANGER - LOW

APR 2019

CHIEF'S REPORT

IN THIS ISSUE

Fire Chief's Update

by Autumn Carlisle

REVOLUTIONARY TECHNOLOGY & TRAINING

Firefighters from 70 West Fire, Fountain Lake Fire, and Hot Springs Village Fire participated in a Burn & Learn training exercise with Pyro UHP & Max Fire Training.

Training enables firefighters to learn new skills and techniques to make their jobs safer. It enables them to respond more efficiently and provides them the needed experience to be effective in their jobs and keeps them active and engaged. Firefighters risk their lives to save others. We believe with the right training and equipment some of the risk to our firefighters can be managed. We believe you should train as if your life depends on it, because in firefighting it does. The Fire Service and the tools and techniques are constantly changing and evolving, so we must also be willing to change and evolve with it to stay ahead and not fall behind, to be progressive and think outside the box.



PHOTO CREDIT - Shawn Bloemker, Max Fire Training captures various activities during the full day of exercises.



PICTURED ABOVE: Doug Eno from Pyro UHP and retired Fire Chief Steve Alexander from Wood River Fire Department discuss the Ultra High Pressure Technology with Firefighters before a day full of training and demonstration on the product. Firefighters trained using this product and conventional handlines during the 12 Hours of Training Exercises.

70 West Firefighters recently had the privilege of participating in an amazing training opportunity while learning techniques on use of a revolutionary tool for the fire service. Hoping to soon implement this technology in our fleet our firefighters learned how to properly put the system to use in the field. Pyro Ultra High Pressure (UHP) systems are faster, safer, and more effective in firefighting. The technology works by reducing the size of a water droplet, thus increasing the surface area for any given volume of water by 16 to 20 times. This process allows for greater heat absorption and extinguishes fires in record time with far less water than conventional methods. These water droplets are so small that they have a greater "hang time" in the air meaning that they will actually hang in the thermal layers longer absorbing more heat energy and will actually draw into the fire flow path to suppress the fire beyond the initial reach of firefighters.

P1 REVOLUTIONARY TECHNOLOGY & TRAINING

A FULL DAY OF LIVE FIRE TRAINING & DEMONSTRATIONS W/ PYRO UHP & MAX FIRE BOX MARCH CALENDAR MARCH EVENTS AND INFORMATION.

P2 RESPONSE STATS & FEBRUARY FINANCIALS

WHAT DID 70 WEST DO DURING THE MONTH OF FEBRUARY?



EVENTS & INFORMATION

- APR 1 - FD TRAINING @ 6 P.M.
- APR 15 - FD TRAINING @ 6 P.M.
- APR 29 - FD TRAINING @ 6 P.M.

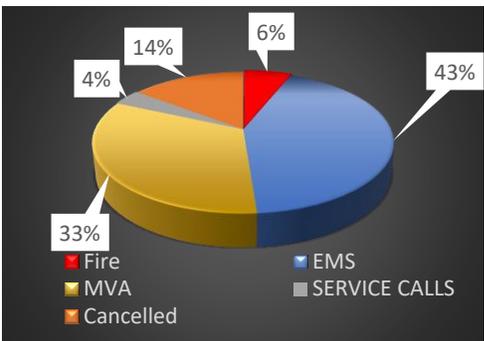
* First Responder Course on Tues/Thurs.



70 WEST FIRE PROTECTION ASSOCIATION
 2900 Airport Road - Hot Springs, AR 71913
 Telephone: 501.767.8540 * Fax: 501.767.3698
 Emergency 911
 Email us: firehouse@70westfd.com
 Website: www.70westfd.com



MARCH RUN STATS 82



70 West responders had a total of 82 Incidents in March. 5 (6%) were Fire related, 35 (43%) were Emergency Medical, 27 (33%) Motor Vehicle Collisions, 12 (14%) were false alarms or units were cancelled while enroute; or arrived to find no incident, and 3 (4%) of the calls were Service Calls. Of the responses (45) fell during the weekdays from 6AM to 6PM. A total of (37) incidents occurred during the hours of 6PM to 6AM weekdays and on the weekends when our volunteer availability is much higher.

REVOLUTIONARY TECHNOLOGY & TRAINING

CONTINUED FROM PAGE 1.

When the water droplets absorb the heat they convert to steam which displaces the oxygen, removing heat from the superheated environment thus putting the fire out. This technology introduces the ability to cool the gaseous phase of the fire taking the energy out of the thermal column. Reducing the fire to one that does not threaten the safety of the fire crews and keeps the fire from spreading laterally. All while using far less water, causing less water damage in the structure. The hose line is smaller and easier to maneuver for firefighters and since the units themselves are more compact it can fit in smaller apparatus making it easier to get into the fire areas than a conventional fire engine. Down narrow treelined driveways and into tight spaces and during times of inclement weather these units have no trouble navigating. They are not meant to replace your conventional engines but offer firefighters another tool, an amazing tool that in rural areas can really be an asset. This Ultra High Pressure is a revolution in firefighting equipment and changes the game for firefighters, for the fire it means game over.



PICTURED ABOVE: 70 West Firefighters Tyler Vincent & John Hackney use the Pyro UHP System to extinguish a fully engulfed car fire.

A fully involved vehicle fire at over 1200 degrees on our Thermal Cameras and our crew had the fire out in just 30 seconds with using approx. 5 gallons of water. The same vehicle fire with conventional methods took well over 1 minute and 30 seconds and used almost 400 gallons of water! In the burn building we simulated a large fire in the burn room and found that we were able to extinguish the fire quickly in a little over one minute using approx. 10 gallons of water.



PICTURED ABOVE LEFT: (Left) Instructor Jennifer Henson from Arkansas Fire Training Academy & (Right) Instructor and owner of Max Fire Training/Max Fire Box Shawn Bloemker preparing for the Live Burn Demonstrations. PICTURED MIDDLE: Shawn Bloemker demonstrated Fire Behavior in his Max Fire Box Training Prop. PICTURED TOP RIGHT: 70 West Firefighter Eli Prell learning a technique to advance charged handlines. PICTURED BOTTOM RIGHT: Fire Corps Tech Selah Rogers uses a Bullard Thermal Camera to record one of the Training Exercises while learning about Thermal Imaging techniques.

Shawn Bloemker with Max Fire Training & Max Fire Box put on an exceptional Burn & Learn training on Fire Behavior and Thermal Imaging. His presentation brought fire behavior and thermal imaging to life right before our live burns in the burn building. He also taught some of the limitations of thermal cameras and what to watch for. We used some great Bullard Thermal Cameras for the exercise. He also stayed and assisted Instructor Jennifer Henson from the Arkansas Fire Training Academy (AFTA) with some of the training evolutions after the equipment demonstrations. These instructors were great, their expertise was unparalleled and their enthusiasm for firefighting was contagious; we all learned so much. Thanks to Fountain Lake Fire and Hot Springs Village Fire joined us for the training exercises. We appreciate Hot Springs Village Fire letting us utilize their burn building. A big Thank you to Holcomb's Transport and Recovery for providing us the vehicles for the vehicle fire training and demonstration. Thanks also to Darrell Osborn from Sunbelt Fire for providing lunch. Lastly, thanks again to our instructors: Jennifer Henson from AFTA, Doug Eno from Pyro UHP, Steve Alexander, and Shawn Bloemker for making this training possible.

FIRE INCIDENTS (5)	
Building/Structure Fires	1
Vehicle Fires- ATV, Passenger, RV, Equip.	1
Good Intent Calls – Controlled Burns, Smoke Scare, Unauthorized Burning	3
EMERGENCY MEDICAL (35)	
EMS – Medical Assist, First Responder	35
VEHICLE COLLISIONS & RESCUE INCIDENTS (27)	
MVA with Injury (Includes Extrication MVAs)	10
MVA with No Injury	17
FALSE ALARMS, FALSE CALLS, CANCELLED (12)	
Dispatched, Cancelled Enroute	7
Fire Alarm – False Alarm	5
SERVICE CALLS (3)	
Lightning Strike (No Fire)	1
Gas Leak	1
Missing Person Search	1

70 WEST FIRE PROTECTION ASSOCIATION
 2900 Airport Road - Hot Springs, AR 71913
 Telephone: 501.767.8540 * Fax: 501.767.3698
Emergency 911
 Email us: firehouse@70westfd.com
 Website: www.70westfd.com



FINANCIALS AT A GLANCE

COVERING THE MONTH OF MARCH

In March, 70 West took in a total of \$20,171.74 in membership dues, donations, sale of signs, and non-member fire fees. Our expenses totaled \$27,627.27 leaving a net income at the close of the month - \$7,455.53. Most of our larger expenses for March included (\$1,029.67) in textbooks for training, (\$1,577.05) in service expense on our Breathing Air Compressor & Airpacks, (\$3,114.03) shared (1/3) expense for AWIN Consolette to receive dispatches from Hot Spring County.