

RICHFIELD FIRE DEPARTMENT 2015 ANNUAL REPORT



Richfield Fire Department 2015 Year-End Report

Dear Mayor Beshara, Village Council and Administration, Township Trustees, and to our local community, we are pleased to present our year-end report.

The year 2015 saw many positive and proactive changes to our fire department. We have started off the year with a new assisted living facility under construction. We provided much needed input during this phase to accommodate this very valuable asset to our community. We have also assisted many other businesses with their renovations, new construction, and fire prevention.

We have continually worked closely with the RJRD park on their facility. We look for the best possible way to provide the best fire protection for many historic buildings on their site. We also look for the best plans and response to effectively provide the best level of protection for all the park visitors.

Our new Pumper/ Rescue 3014 was put in to service. This valuable piece of fire apparatus replaced two units we took out of inventory. This apparatus holds all the tools necessary for structure fires, vehicle extrication, and various rescues that we encounter. 3014 is a specialized unit that many fire departments are utilizing now as it assumes the role of two apparatus and we look forward to many years of service with this unit.

Our goal continues to be proactive in our approach to offering the highest level of customer service through emergency medical services, fire prevention, firefighting, training and incident action planning which enhances our community risk reduction factor. We will continue to strive to minimize the risk of life and property loss from fire by controlling and eliminating hazardous conditions before they occur through fire prevention and education. We also look for the most up to date medical practices to enhance the quality of life for our community.

In closing, we would like to thank our community as we continually receive unwavering support for our organization. We will continue to provide the highest level of customer service through changes in technology, advances in emergency medicine, and continue to stay proactive to deliver the high level of service our community deserves. We are very fortunate to have such a highly trained staff to provide such a valuable service to our community.

Respectfully submitted,

Fire Chief Jason Mihalek

CHIEF

Jason Mihalek

ASSIST. CHIEF

Phillip McLean

LIEUTENANT

Bruce Butler

Robert Jones

LIEUTENANT

Jason Purkey

Ronald Urban

FIREFIGHTERS

Brian Abbott

Ronald Boryk

Eric Ellis

Anthony Katzakis

Daniel Merryman

Matthew Null

Ted Skwarski

Kevin Urban

Jared Winar

Robert Benza

Dan Dopslaf

Gabe Gerbasi

Geoff Kuzas

Chris Najsztup

Jeremy Parkhurst

Thomas Sullivan

Steve Weinert

Eric Boleman

Daniel Elbert

Steve Kamp

Michael Lester

Chris Null

George Seifert

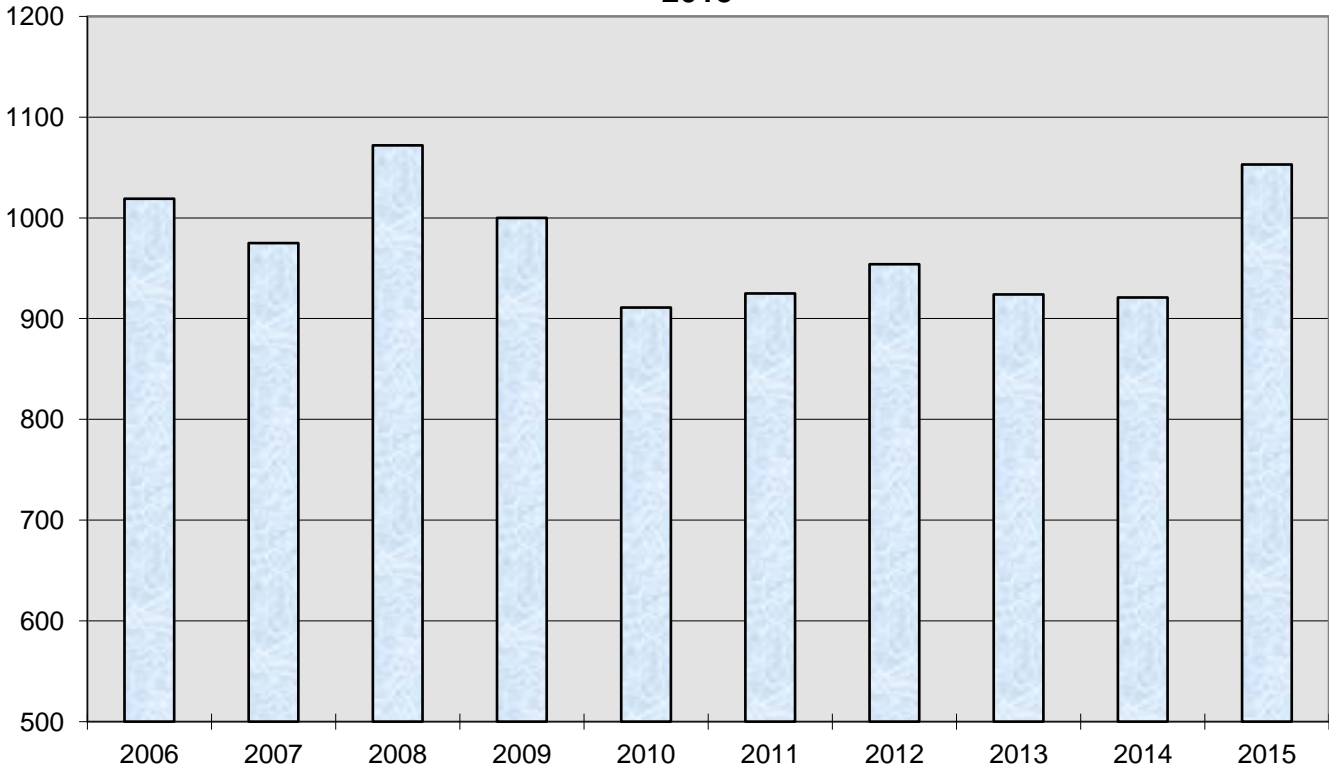
Mark Tibbs

Mark Willis

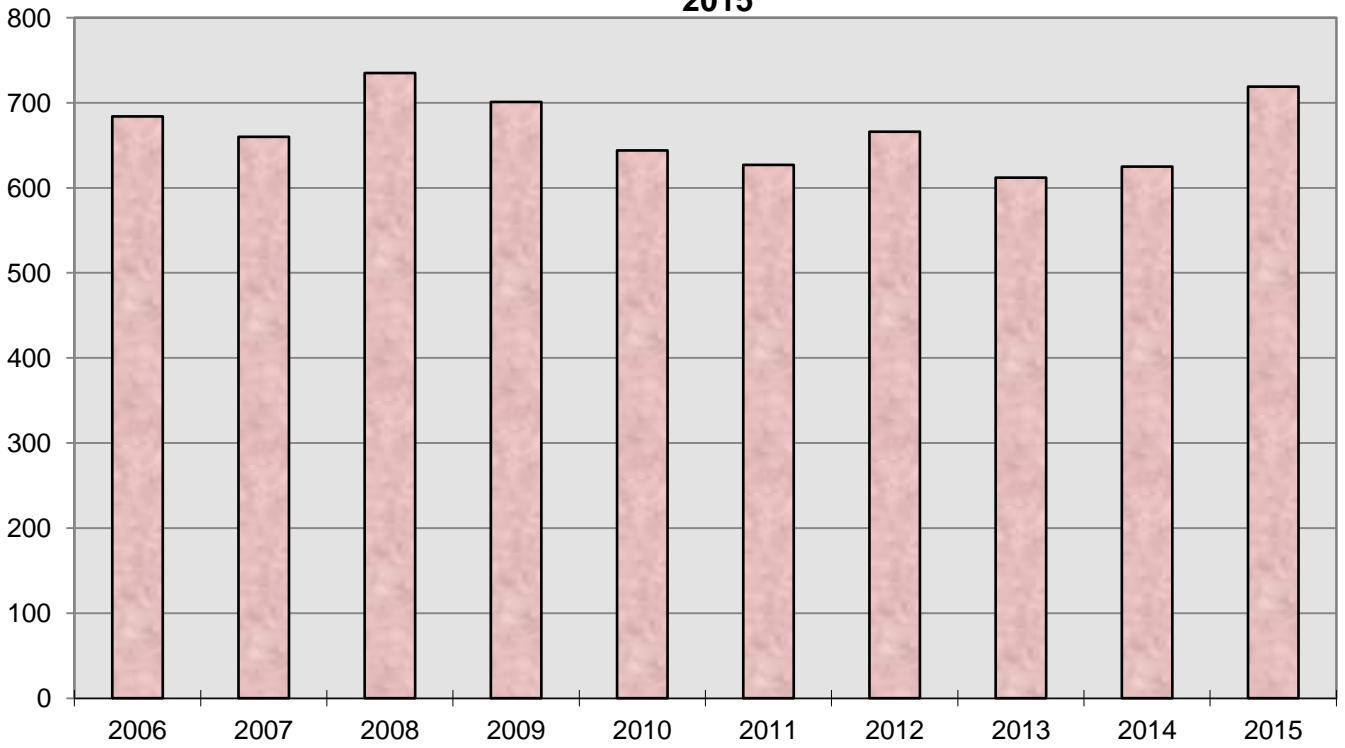
STATISTICS 2015

<u>TOTAL CALLS</u>	<u>1053</u>	
<u>TOTAL FIRE</u>	<u>334</u>	<u>32%</u>
VILLAGE FIRE	216	65%
TOWNSHIP FIRE	77	23%
MUTUAL AID FIRE	41	12%
<u>TOTAL RESCUE</u>	<u>719</u>	<u>68%</u>
VILLAGE RESCUE	461	64%
TOWNSHIP RESCUE	210	29%
MUTUAL AID RESCUE	48	7%

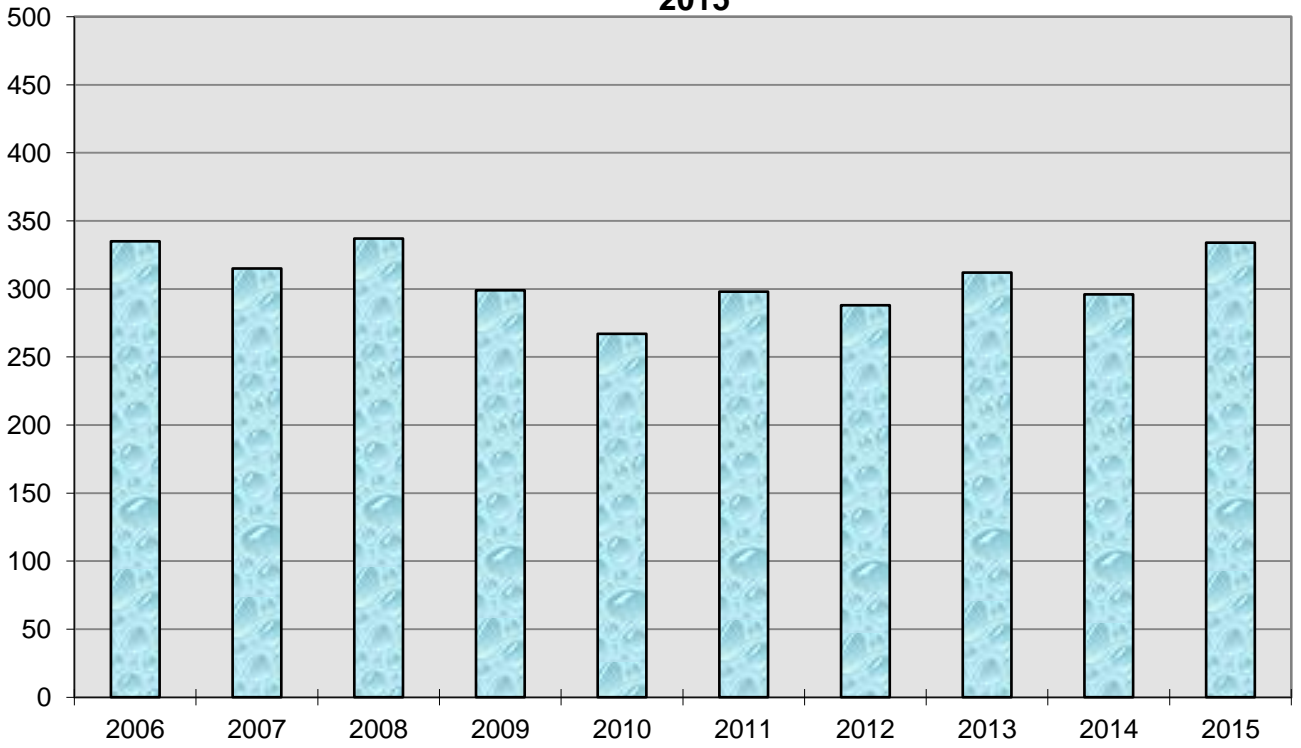
TOTAL CALLS 2015



FIRE CALLS 2015



EMS CALLS 2015



SPECIALIZED FIELDS OF TRAINING 2015

INSTRUCTORS :

C.P.R.:

Boryk, Butler, Merryman, R. Urban

Advanced Cardiac Life Support:

Boryk,

Emergency Medical Technician:

Boryk, R.Urban

Fire Service:

Boleman, Boryk, Ellis, Jones, McLean, Mihalek, Sullivan

TEAM MEMBERS :

Rope Rescue:

Benza, Boleman, Boryk, Butler, Ellis, Lester, Merryman, Mihalek, Purkey, Sullivan, K. Urban, R. Urban,

Fire Safety Inspectors:

Boleman, Boryk, Ellis, Jones, Mihalek McLean, Purkey, R.Urban,

Ice Rescue Technicians:

Boleman, Boryk, Butler, Elbert, Ellis, Lester, Merryman, Mihalik, Najsttup, Purkey, Sullivan, R.Urban, K. Urban, Benza

Honor Guard:

Boryk, Butler, Ellis, Lester, Merryman, K. Urban McLean, Najsttup, Purkey

Fire Investigation:

Boryk, Ellis

Metro Swat Medic:

Lester

County T.R.O.T./HAZ-MAT:

Ellis, Sullivan



**TYPE OF ALARM REPORT
2015**

TYPE OF CALL	COUNT
CODE 1 – HEART	52
CODE 2 – BREATHING	56
CODE 3 – INJURY	154
CODE 4 – VEHICLE ACCIDENT	87
CODE 5 – UNKNOW MEDICAL	47
CODE 6 – POISONING	10
CODE 7 – ILLNESS	258
CODE 8 – BLEEDING	15
CODE 9 – SHOOTING	0
CODE 10 – AUTO RESPONSE	5
CODE 11 – CAR FIRE	21
CODE 12 – GRASS FIRE	10
CODE 13 – MISC. FIRE	18
CODE 13A – STRUCTURE FIRE	25
CODE 13AD – ALARM DROPS	112
CODE 14 – INVESTIGATION	143
CODE 16 – D.O.A.	6
CODE 90 – MEDICAL ASSIST	34
TOTAL	1053

Fire Training Report & Training Hours 2015

To: Chief Mihalek

From: Assistant Chief Phil McLean

During the year 2015 our EMS Training Team and our Fire Training team continued with an aggressive approach toward training. We are fortunate that we have several qualified Fire & EMS Instructors that deliver quality in service training to all our members. We are also fortunate that many of our instructors and members attend State and National Training conferences and seminars to learn about new technology related to training and bring it back to our department.



Our new Engine 3014 set up for drafting water from a portable tank

- **The Division of Emergency Medical Services in Ohio** is the certifying agency for all our EMS and Fire Certifications, such as Firefighter, Paramedic, Emergency Medical Technician, Fire Inspector, and Fire Instructor. Each of these certifications requires continuing education as shown below.

- The basic recertification hours required are as follows:

• Firefighter training hrs.	<i>54 hrs.</i>	<i>3 year cycle</i>
• Emergency Services Instructor	<i>6 hrs.</i>	<i>3 year cycle</i>
• Fire Inspectors	<i>30 hrs.</i>	<i>3 year cycle</i>
• EMT's	<i>48 hrs.</i>	<i>3 year cycle</i>
• Paramedic	<i>92 hrs.</i>	<i>3 year cycle</i>

- All the above Certifications are on a 3 year cycle and the card holder renews his or her certification on line every three years. We, Richfield Fire provide the needed hours for our members to maintain the certifications listed along with other valuable training related to special operations such as Hazardous Materials, Confined Space & Collapse, Fire Investigation and Ice Rescue.

- **Fire Instructor Team**

- We are fortunate that our Fire Training Program is kept up to date with the latest training tips from across the country by our Instructor Staff. Eric Ellis and Tom Sullivan continually attend many outside trainings schools and seminars to learn new techniques and procedures and bring the training back to our members. Lt. Bob Jones and Assistant Chief Phil McLean help to oversee Fire Training and assist in teaching and planning.



Ice Rescue: Training is conducted on a yearly basis by our instructors. The techniques for identification of ice, the lake or pond conditions and the victim's situation are the steps we take before rescue operations. This training is conducted at Richfield Woods Park every year by our Department and is a required training.

The equipment that is needed is carried on Engine 3014, 3012 and 3011.



Fire Training Skills

All firefighters on a yearly basis go through mandatory skills based training assessment per Ohio and NFPA Fire Training Standards.

Fire Training Hours and topics that our members participated in

•Live Fire Attack, Interior and Exterior	29
•Incident Command and Pre Incident Planning	44
•Water Supply, Hydrant Operations & Rural Water	24
•Hose lines, Advancement, Stairways	23
•Pump Operations, New Engine	34
•Auto Extrication	10
•Apparatus Driving, and Addresses	23
•Search & Rescue	14
•New Equipment Review	35
•Fire Alarms & Systems, Building Tours	18



Hydrant Operations: Engine 3013 set up at a hydrant on Highlander Parkway to fill tankers. Richfield Tanker 3018 is being filled up with 2000 gallons to transport the water to a portable tank at the scene of a fire.



Richfield New Engine 3014 is being put through pumping operations and training for all members.

In 2015 our department did a total of 2543 hours of Fire Training Hours to stay current with certifications, become updated on new engine and work with our neighboring Departments

Training is an investment in our future. I want to thank all of our instructors that have planned and organized many of our drills and have dedicated their time towards instruction and education. Training is the key to maintain a state of readiness and preparedness for the protection of citizens and community.

EMS Training 2015

To: Chief Jason Mihalek

From: LT. Jason Purkey

In the year 2015 the Richfield Fire Department members continued the monthly Medical Trainings Provided by our Medical Director Dr. Anthony Daher. We conducted these trainings on the second Wednesday of every month. There were also several off site trainings that our paramedics and EMT's attended as well as quarterly fire chief and EMS coordinator meetings. Our members also recertified in Pediatric Advanced Life Support (PALS) and Advanced Cardiac Life Support provided to us by University Hospital. Several of our members recertified their paramedic or EMT certification during the year. Early in 2015 the Fire Department began using a new software program to document EMS reports. This program is very efficient way of providing documentation. This was also provided by University Hospital at no charge to the Richfield Fire Department. The fire was provided training on the new software and is using it currently. There are a few upgrades that will be done in the upcoming year to streamline the process of sending ECG's and time stamping procedures and vitals.

The Richfield Fire Department has received many thank you letters for our services we provided throughout the year from patients we have taken to the hospital or cared for in the field. The Richfield Fire Departments continual exemplary service is a direct result of our dedication to our community and constant training.



A RESOLUTION RECOGNIZING AND COMMENDING CITIZENS KELLI CHRONISTER, KRISTEN MILLER AND RENE WARD-ZAPISEK; FIREMEDICS RON BORYK, STEVE KAMP, AND ANTHONY KATZAKIS; EMT'S DAN MERRYMAN AND MARK TIBBS; POLICE OFFICERS DAVE ARBOGAST, SCOTT DRESSLER AND TONY PADULA AND DISPATCHERS AMY ANTER AND MATT CERN FOR THEIR ACTIONS IN SAVING THE LIFE OF A CYCLIST PARTICIPATING IN THE 2015 SWEET CORN CHALLENGE

WHEREAS, on July 26, 2015, Kelli Chronister and Kristen Miller were participating in the annual Sweet Corn Challenge when they observed a fellow rider lose consciousness and collapse on the roadway; and

WHEREAS, Kelli Chronister and Kristen Miller immediately began resuscitation efforts after determining the cyclist had no pulse and was not breathing; and

WHEREAS, Rene Ward-Zapisek, a passing motorist, observed the resuscitation efforts and stopped to render assistance by assisting with CPR and calling for emergency medical assistance; and

WHEREAS, Communications Specialists Anter and Cern immediately dispatched emergency crews and maintained contact with the citizens who were assisting at the incident scene; and

WHEREAS, Firemedics Boryk, Kamp, and Katzakis; and EMT's Merryman and Tibbs arrived quickly and took control of the situation, and performed advanced cardiac life support procedures including CPR and the use of an Automated External Defibrillator; and

WHEREAS, Officers Arbogast, Dressler, and Padula responded to the scene and provided assistance to the emergency medical personnel and remaining cyclists and motoring public; and

WHEREAS, Due to the quick response of the citizens and public safety personnel, critical minutes were able to be used to save the life of the cyclist and provide a high quality of life for he and his family.

NOW, THEREFORE, BE IT RESOLVED by the Council and Mayor of the Village of Richfield, State of Ohio:

SECTION 1. The Administration and Council, on behalf of the citizens of Richfield, do hereby commend Kelli Chronister, Kristen Miller and Rene Ward-Zapisek; Firemedics Ron Boryk, Steve Kamp, and Anthony Katzakis; EMT'S Dan Merryman and Mark Tibbs; Police Officers Dave Arbogast, Scott Dressler, and Tony Padula; and Dispatchers Amy Anter and Matt Cern in saving the life of the cyclist.

SECTION 2. The Clerk of Council is hereby authorized and directed to forward a certified copy of this resolution to the Richfield Fire Department, the Richfield Police Department and to spread this resolution upon the permanent records of the Village of Richfield.

SECTION 3. It is hereby found and determined that this legislation complies with Section 121.22 O.R.C. regarding notification of meetings and all deliberations of this Council pertaining hereto have been conducted in accordance therewith.

SECTION 4. This resolution shall be in full force and effect from and after its adoption and approval by the Mayor or at the earliest period allowed by law.

PASSED: 9-1-15

Dick Hudak
President of Council

Babek Basbara
Mayor

Dated: September 1, 2015

ATTEST: *Carolyn E. Sullivan*
Clerk of Council

TRANSPORTS BY FINAL DESTINATION 2015

DESTINATION	COUNT	PERCENT
AKRON GENERAL WEST	138	25%
AKRON GENERAL MAIN	110	20%
MARYMOUNT	58	11%
UH AHUJA MEDICAL	29	5%
AKRON CITY	39	7%
MARYMOUNT SOUTH	16	3%
PARMA COMMUNITY	33	6%
MEDINA GENERAL	18	3%
SAINT VINCENT CHARITY	23	4%
CHILDRENS MEDICAL OF AKRON	31	6%
CLEVE CLINIC BRUNSWICK	14	3%
CLEVELAND METRO HEALTH	4	1%
SUMMA LAKE MEDINA	7	1%
UH SOUTHWEST GENERAL	7	1%
UH SW BRUNSWICK	6	1%
SUMMA WESTERN RESERVE	7	1%
SAGAMORE HILLS	1	1%
AKRON GENERAL NORTH	4	1%
OTHERS	2	1%
TOTALS	547	

FIRE INSPECTION PROGRAM 2015

To: Chief Mihalek

From: Lieutenant Jones

Fire safety inspections are a very important part of our job, these inspections are done to ensure the safety of our citizens, individuals who work in Richfield and for the firefighters who will enter these building during times of emergencies. We will continue to witness fire alarm tests, fire hood system tests and sprinkler tests. By having the on duty crews present at these test allows our members to become familiar with the many different buildings and fire safety systems that are located in Richfield.

During the past year we have worked with Summit County Building Department on a new nursing home and two new commercial buildings. We also completed 21 plans review for Summit County Building Department on new commercial permits. We will continue to work with the Summit County Building Department in the year to come and look forward to continuing our good relations.

During the past year we have continued to have a good relationship with the Richfield Zoning Department. This relationship has allowed the Richfield Fire Department to be involved on new projects from the beginning and to be notified of new occupants before they move in to an existing building. This is an important relationship and I look forward to working with Brain Frantz and in the upcoming year.

With the opening of the Joint Recreation District (Girl Scout Camp) The Richfield Fire Department has been working with this group to ensure that all buildings are brought up to current Building and Ohio Fire Codes. I would like to thank Asst. Chief McLean for leading this project.

During 2015 Fire/Medic Kevin Urban completed the update of oil wells located in Richfield and during 2016 we plan inspecting all of wells for safety and compliance to current requiremnets.

The upcoming year promises to be another busy year as we continue to meet the needs of our community.

**INCIDENT TYPE REPORT
2014**

INCIDENT TYPE	COUNT
1 FIRE	
111 BUILDING FIRE	14
113 COOKING FIRE, CONFINED TO CONTAINER	10
114 CHIMNEY FIRE, CONTAINED TO CHIMNEY	2
115 FIRE IN MOBILE HOME	1
131 PASSENGER VEHICLE FIRE	10
132 ROAD FREIGHT, VEHICLE FIRE	10
143 GRASS FIRE	8
150 OUTSIDE RUBBISH FIRE	4
161 OUTSIDE STORAGE FIRE	4
TOTAL	63
2 OVERPRESSURE RUPTURE, EXPLOSION, OVERHEAT (NO FIRE)	
251 EXCESSIVE HEAT, NO FIRE	1
TOTAL	1
3 RESCUES AND EMERGENCY MEDICAL SERVICE	
300 EMS INCIDENT OTHER	2
311 MEDICAL ASST.	10
320 EMERGENCY MEDICAL SERVICE OTHER	1
321 EMS CALL, EXCLUDING VEHICLE ACCIDENT	581
322 VEHICLE ACCIDENT WITH INJURIES	61
324 VEHICLE ACCIDENT NO INJURIES	14
350 EXTRICATION RESCUE	1
341 SEARCH FOR PERSON LOST	3
353 REMOVAL OF VICTIM FROM ELEVATOR	3
TOTAL	589

INCIDENT TYPE	COUNT
4 HAZARDOUS CONDITIONS (NO FIRE)	
400 HAZARDOUS CONDITIONS OTHER	4
410 COMBUSTIBLE/ FLAMABLE OTHER CONDITION	1
411 FLAMMABLE LIQUID SPILL	1
412 NATURAL GAS OR LPG LEAK	9
413 OIL OR COMBUSTIBLE LIQUID SPILL	2
422 CHEMICAL SPILL OR LEAK	2
424 CARBON MONOXIDE INCIDENT	4
440 ELECTRICAL WIRING/EQUIPMENT PROBLEM	6
441 HEAT FROM SHORT CIRCUIT	2
443 BREAKDOWN OF LIGHT BALLAST	1
444 POWER LINE DOWN	18
445 ARCING ELECTRICAL EQUIPMENT	4
TOTAL	51
5 SERVICE CALL	
500 SERVICE CALL OTHER	5
510 PERSON IN DISTRESS	1
511 LOCK-OUT	2
520 WATER PROBLEM	2
522 WATER OR STEAM LEAK	6
531 SMOKE OR ODOR REMOVAL	3
550 PUBLIC SERVICE ASSISTANCE	6
551 ASSIST TO OTHER GOVERNMENTAL AGENCY	7
553 PUBLIC SERVICE	7
554 ASSIST TO INVALID	38
561 UNAUTHORIZED BURNING	2
571 COVER ASSIGNMENT, STANDBY	1
TOTAL	78

INCIDENT TYPE	COUNT
6 GOOD INTENT	
600 GOOD INTENT OTHER	2
611 DISPATCHED AND CANCELLED ENROUTE	29
622 NO INCIDENT FOUND ON ARRIVAL	2
631 AUTHORIZED CONTROLLED BURING	1
651 SMOKE SCARE	5
652 STEAM OR VAPOR THOUGHT TO BE SMOKE	1
661 EMS CALL PARTY TRANSPORTED BY OTHER	2
671 HAZMAT INVESTIGATION NOTHING FOUND	19
TOTAL	61
7 FALSE ALARMS	
700 FALSE CALLS OTHER	4
710 MISCHIEVOUS FALSE ALARM	1
711 MUNICIPAL ALARM MALICIOUS FALSE	4
715 LOCAL ALARM SYSTEM MALICIOUS FALSE	1
730 SYSTEM MALFUNCTION OTHER	5
731 SPRINKLER ACTIVATION DUE TO MALFUNCTION	5
733 SMOKE ALARM ACTIVATION MALFUNCTION	22
735 ALARMS SOUNDED DUE TO MALFUNCTION	7
736 CO DETECTOR MALFUNCTION	11
740 UNINTENTIONAL TRANSMISSION OF ALARM	1
741 SPRINKLER ACTIVATION NO FIRE	2
743 SMOKE DETECTOR ACTIVATION NO FIRE	45
744 DETECTOR ACTIVATION NO FIRE	3
745 ALARM SYSTEM ACTIVATION NO FIRE	9
746 CARBON MONOXIDE ACTIVATION NO CO	3
TOTAL	123
8 SEVERE WEATHER	
813 WIND STORM, TORNADO	0
9 SPECIAL INCIDENT	
900 SPECIAL INCIDENT OTHER	2
911 CITIZEN COMPLAINT	3
TOTAL	5

NEW EQUIPMENT PURCHASES FOR 2015

To: Chief Mihalek

Lt. R. Urban

In order to maintain the excellent fire and rescue services for the citizens and businesses' of Richfield while ensuring the safety of our fire department personnel, the following new equipment was purchased during the year 2015:

ALTAIR Pro Single-Gas Detector



[CLICK IMAGES TO ENLARGE](#)

With today's modern furnishings and construction materials, the chemicals and gases released into the atmosphere during a structure fires are extremely deadly for today's firefighters. One of the most common and deadly is Hydrogen Cyanide (HCN).

Hydrogen Cyanide (HCN) is a by-product of the combustion of materials used in products used in everyday life (insulation, carpets, clothing, and synthetics). High temperatures and low-oxygen concentrations favor the formation of cyanide gas. The real offender is the combustion of manmade plastic and resins containing nitrogen, especially if the fire is hot and in an enclosed space. Common manmade materials that generate cyanide gas during combustion include nylon, polyurethane, melamine, and acrylonitrile. These materials are ubiquitous in building furnishings, vehicles, foam insulation, carpets, draperies, appliances, many plastics, and articles of clothing. HCN is extremely toxic and seriously affects the body targeting the heart and brain.

Objects within a fire continue to produce cyanide as long as their temperature remains elevated. Given that HCN is 35 times more toxic than CO and can enter the body by absorption, inhalation, or ingestion, firefighters should not remove their SCBA's since HCN may still be present in the atmosphere in high concentrations during overhaul. Firefighters must wear their SCBAs until HCN levels have been assessed with atmospheric air monitoring.

It is for the above reasons that the **ALTAIR Pro Single-Gas Detector** was purchased and will be used to monitor the interior atmosphere of every structure fire during overhaul. In addition to HCN monitoring, the **ALTAIR Pro Single-Gas Detector** will also detect oxygen deficient atmospheres. With its rugged rubberized housing, excellent impact resistance and one-button operation, the **ALTAIR Pro Single-Gas Detector** accurately measures gas concentration or percent oxygen. Alarms are indicated by flashing LED's, audible alarm and an internal vibrating alarm. We must do everything possible to keep all of our fire fighters safe. The **ALTAIR Pro Single-Gas Detector** will truly be a life saver for all of our fire fighters.

EVOLUTION 6000 Plus Thermal Imaging Camera



The core of a firefighter's job is to efficiently locate and safely extinguish the fire. A thermal imaging camera (TIC) can be an invaluable tool when firefighters are in attack mode. Thermal imaging firefighting cameras can assist in finding victims through smoke, see in darkness and locate the seat or center of a fire by seeing the flow of hot gases seeping from it. They can even assist in spotting holes in flooring or other structural weaknesses, warning firefighters before their lives are endangered.

Thermal imaging is a powerful tool for determining where to place horizontal ventilation. Once the size-up step has been completed and the seat of the fire is identified, the thermal imager can aid the firefighter in choosing the best location for ventilation. It can also identify possible dangerous structural beams that might interfere with a safe ventilation cut.

Even after the fire has been extinguished, a thermal imaging survey during overhaul can detect unseen embers and lurking danger. Hot spots and lingering embers can be rapidly identified with a thermal imager. This assists firefighters in reducing unnecessary and expensive teardown. Firefighters can also determine the extent of the fire and pinpoint the exact location.

It has been proven many times over that firefighters equipped with thermal imagers help save more lives and preserve property. Being able to locate a "down" firefighter and trapped victims through dense smoke or darkness is the most obvious application for thermal imaging, but the possible applications are endless. A thermal imager can contribute in a variety of unique ways and become an indispensable firefighting tool.

Some other uses of the **EVOLUTION 6000 Plus Thermal Imaging Camera**:

- **HAZMAT Incident:**
Whether spilled fuel or other materials, the imager helps size the situation.
- **Motor Vehicle Accident:**
The vehicle with a car seat, no child in sight, and an unconscious adult, the thermal imager can speed up the search tremendously with much less manpower.
- **Outdoor: Search and Rescue:**
There are increasing numbers of adults and children turning up missing, and finding them is time-consuming and all too often ends in tragedy. A thermal imager detects the heat people give off, and can see through light foliage and into the shadows in heavily wooded areas. It can find people faster, and requires less manpower and resources than traditional methods.

The **EVOLUTION 6000 Plus Thermal Imaging Camera** is only one of many life saving tools that is a requirement for any progressive fire department.

Hydraulic Extrication Tools

Emergency responders often deal with emergency situations that require extricating entrapped victims. Powered rescue tools are an important resource used by emergency first responders to cut, shear, bend, or otherwise remove fixed metal obstructions to complete their rescue mission. A common example is the extrication of a trapped individual following a motor vehicle crash.

Passenger motor vehicles since the 2006 through 2008 time frame have seen a noteworthy increase in the use of high-strength steels and composite materials, which can be expected to significantly challenge the effectiveness of powered rescue tools that cut and shear. These new materials are stronger and harder than anything rescuers have seen before and can make it near impossible to free entrapped patients in a timely basis unless the rescuers have the proper tools. Future use of high-strength steels and composite materials is expected to increase in future vehicles, thus, the probability that fire departments will encounter these materials also will increase.

In order to stay current with today's dynamic new car technology, we purchase a **3050 NCT Cutter** a **4242 Spreader** and a **Spider Range SR 20 Series Motor Pump** from Holmatro.

Holmatro 3050 NCT Cutter



The **Holmatro 3050 NCT (New Cutter Technology) Cutter** has an advanced blade design which is able to cut modern car constructions, blade design is an important part of the solution. The revolutionary Holmatro NCTTM blades, with their characteristic 90° blade angle, have a huge opening at the tips. They easily surround the wide pillars of modern cars. This U-shape of the NCTTM blades automatically pulls the material to the recess which is the point with the highest cutting force. The result: a superior cutting performance. Modern vehicle constructions and new hard materials are cut with far more efficiency and at a much lower working pressure than is possible with general purpose (GP) blades. The i-Bolt squeezes the blades together more tightly, resulting in less blade separation and improved cutting performance. The much flatter design of the revolutionary i-Bolt also provides better access in narrow spaces. In order to cut the hard materials and reinforced constructions of modern cars, Holmatro created more hydraulic cutting force with the same maximum working pressure.

Holmatro 4242 Spreader



The **Holmatro 4242 Spreader** is a hydraulic tool designed with two arms which come together in a narrow tip, and which uses hydraulic pressure to separate or spread the arms. The tip of the tool can be inserted into a narrow gap between two vehicle panels (such as between two doors or between a door and a fender). When the tool is operated, the arms are opened, pushing apart the metal in the panels. Spreaders may also be used to "pop" vehicle doors from their hinges. Holmatro spreaders feature serrated tips for perfect grip during spreading and squeezing, quick interchangeable tips/accessories and a dead man's handle. The dead man's handle improves one-hand operation with a positive grip, features an accurate spring return to neutral position, and allows for proportional operation for more precise control.

Spider Range SR 20 Series Motor Pump



The **Spider Range SR 20 Series Motor Pump** uses Holmatro's patented CORE technology which provides a quicker, safer and easier set up of the hydraulic tools. The 3-stage pump technology provides a much higher flow/speed in 2nd stage for quicker rescue operations.

The **Spider Range SR 20 Series Motor Pump** has an ergonomic, compact design and is easier to carry and store. The hydraulic oil level indicator makes for a quick and accurate monitoring of the oil level from outside the pump. The LED lighting makes the pump easier to locate and facilitates the coupling and uncoupling of the hoses in the dark. This new **Spider Range SR 20 Series Motor Pump** will provide the RFD with many years of reliable service.

Stryker Power-Load Cot Fastening System



With the help of a BWC grant, we purchased a second **Stryker Power-Load Cot Fastening System** for our rescue squad. The **Stryker Power-Load Cot Fastening System**, in conjunction with the **Stryker Power-PRO XT Cot**, improves operator and patient safety by supporting the cot throughout the loading and unloading of the patient. The **Stryker Power-Load Cot Fastening System** is also designed to minimize “cot drops” by supporting the cot until the wheels are fully on the ground. The **Stryker Power-Load Cot Fastening System** has been tested to meet current crash tests standards. In the event of a power loss, a back-up system allows the power cot and loading system to be operated manually.

The **Stryker Power-Load Cot Fastening System** lifts cots into and out of the squads with the touch of a button and is ergonomically designed to reduce operator spinal load which helps to prevent cumulative trauma injuries to the operator. Medics experience frequent spinal loading due to repetitive motions such as lifting, lowering, carrying, and bending. Use of the **Stryker Power-PRO XT** and the **Stryker Power-Load Cot Fastening System** has proven to reduce spinal loading, resulting in reduced injuries, lost or modified workdays, and workers’ compensation costs, and increased recruitment and retention.

As the number of obese patients that we transport continues to increase, the **Stryker Power-Load Cot Fastening System** is an essential device now and into the future.

We are very fortunate to have funds available to purchase new equipment that will enhance the safety of our firefighters at emergency scenes while providing the highest level of fire and emergency medical care to the Community of Richfield.

Fire & Life Safety Educator II

Year End Report 2015

Another year has come and gone. Once again the Fire Prevention program was active at Hillcrest Elementary in grades K, 1, 2 & 3 and St. Peregrines Academy in grades K thru 8. Lessons were presented not only about fire safety but other safety topics as well.

In January the lesson was Pond and Ice Safety. Children grades K through 8 were taught the importance of never going out on or following pets on to untested ice, never going on the ice without adult supervision, and the importance of having a cell phone available to call 911 for any ice related emergency. It was stressed that children should never try to rescue a person or pet when an ice emergency occurs but should call 911 instead.

Children in grades K, 1, and 2 also had a lesson that taught them how to dress appropriately for cold weather with an emphasis on never wearing a scarf on the outside of a coat because of the choking hazard. K9s Kodak and Jpeg served as the models for this lesson.

The February lesson for grades K, 1 and 2 used the video “Be Cool About Fire Safety” and also included a lesson that emphasized the importance of never playing with matches, crawling under the smoke, having a meeting place, having working smoke detectors and calling 911 in an emergency.

Grades 3 thru 8 learned about Carbon Monoxide Poisoning and the importance of having a working CO detector.

In March, all grades had a review of water safety since many of the children would be going swimming during their spring break. The Disney video “Safety Smart In the Water” featuring Pumbaa and Timon from the “Lion King” was used to highlight knowing how deep the water is before diving in, wearing a life jacket if you are not a strong swimmer, looking before leaping into the water and not running on wet pool area surfaces.

The Child Safety Trailer was used in the month of April to teach children in grades K thru 8 about tornados and the importance of preparing for severe storms. A discussion with children helped them to understand the difference between a safe place for fire and a safe place for severe weather, and how to prepare their safe place for storms.

For grades 3 thru 8 the May lesson about Poison Prevention involved a game I designed that taught children how easily toxic substances can be mistaken for safe things to eat or drink.

Grades K, 1 & 2 heard the story “The Gingerbread Man Loose on the Fire Truck” and a review of never playing with matches, never playing in or around vehicles of any kind, having working smoke detectors and how a firefighter looks and sounds when they come to rescue you.

Safety Town was in June and Kodak was used to teach the children to Stop, Drop and Roll, crawling under the smoke, and going to your meeting place as soon as a smoke detector begins to make noise.

The importance of never touching matches was emphasized with the children.

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Escaping from a smoky dwelling was the focus of the September lesson. Using the Safety Trailer once again, the children were able to see what it looks like when smoke is at the top of a room, the importance of crawling under the smoke, how to check a door before opening it during a fire, how to escape out of a window as an alternate escape route and getting to their meeting place. Children heard the sounds of a smoke detector and were taught the importance of getting out of a house that is on fire and not going back in to save toys or pets. Using the Disney video "Donald's Fire Safety Hits" the fire safety rules taught in September were reviewed in the month of October. Donald Duck was the featured character that helped to emphasize the points of the lesson. A strong emphasis was placed on exit drills in the home (EDITH).

In October I also met with a group of homeschooled children and their mothers. A good overview of fire safety and prevention was given to these students since they have had little or no fire safety education.

In November, with the anticipation of colder weather, grades K, 1 & 2 had a review of never putting things near or over space heaters. The Disney video "Safety Smart at Home" taught the children the song "3 Feet From The Heat". Each child was measured with a yardstick to show them that the span of their arms out stretched was at least 3 feet. This gave them what I referred to as a "Magic Measure" to be able to judge things were a safe distance from heaters and fireplaces. There was also a review of never placing things against or over lamps and keeping stairways clear for escape routes

Grades 3 thru 8 learned how to manage a cooking fire and the importance of never putting water on a grease fire. Fire extinguishers were reviewed as was the importance of having one in the kitchen.

December seemed to arrive very quickly and grades K, 1 & 2 had a lesson about candle safety, not playing with matches, keeping decorations away from candles and fire places and the importance of keeping The Elf on the Shelf away from heat sources such as lamps, candles and stoves.

Grades 3 thru 8 had a lesson about keeping fresh trees watered while in the house, the safe placement of decorations, the importance of having working smoke detectors, a current escape plan and a meeting place.

In addition to teaching classes, in April I attended a Juvenile Fire Setters Conference. In November I attended a meeting with Fire Prevention Educators from various counties in Ohio. bothh events were held in Columbus.

In April I completed the Fire and Life Safety Educator II class at the Ohio Fire Academy. After completion of a 4 month project, I became certified at that level.

Respectfully Submitted,

Lydia Wochna

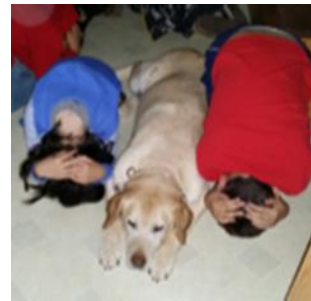
Fire & Life Safety Educator II

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FIREFIGHTER LYDIA'S K-9 CREW



Little Kurt the Leprechaun



Jpeg helping children during
Tornado Drill in the Safety Trailer



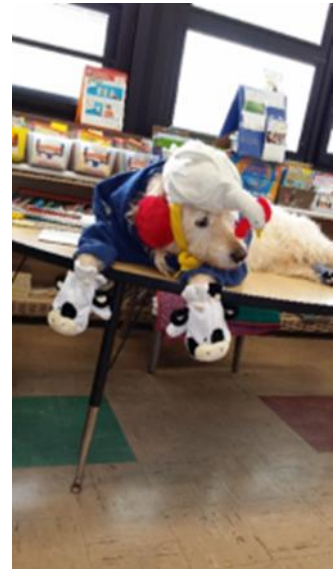
Kodak dressed for work



Kodak watching children at their meeting place after they used the window as an exit from the Safety Trailer



Canon the Elf



Kodak dressed for winter fun

Bath – Richfield Explorer Post 2542

The Bath Richfield Explorer Post completed its third full year. The group is comprised of 12 students and graduates from area schools with a total of 3 advisors. Tim Baker of Bath FD heads up the group while Dustin Muehlfeld from Bath and Mark Tibbs and Bob Benza from Richfield Fire Dept. and our very supportive Chief's Jason Mihalek, Phil McLean, Walt Hower and Rob Campbell.

Our group meets twice a month with other activities and trainings that may be going on as well between the two departments. We continue training with both departments on their training nights as well as train on our own. During the past year in 2015 we participated in the following department trainings:

- Richfield and Bath Fire Department Ice Rescue Training
- Bath Fire Department live burn training at house behind fire station
- EMS Trainings at both Bath and Richfield's stations under University Hospital
- Fire hose evolutions with Richfield FD

We also do a lot of community relations with both departments throughout the year that includes:

- Community Day Parades and activities for both Bath and Richfield
- Bath Fire Horse Show
- Richfield Fire Works Night
- Bath special fireworks details
- Our very own pancake breakfast that raises money for the post.
- Ohio State Firefighters Conference in Boston Hts., helped with memorial service and set up for the conference.



Explorers assist each other in water evolution training



Our annual Pancake Breakfast in Richfield is always a hit.



Explorers assist at Bath Community Day with new squirrel house.



Explorers assisted the departments with annual hydrant maintenance

