



PENNSYLVANIA'S 1ST REGIONAL COMBINATION FIRE DEPARTMENT



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Fire Chief

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www.YAUFR.com

2021 ANNUAL REPORT



@YAUFRChief



/YorkAreaUnitedFireandRescue

FIRE CHIEFS COMMENTS

DANIEL J. HOFF, FIRE CHIEF



York Area United Fire and Rescue is pleased to present our 2021 Annual Report. Just like the previous year, we continue to deal with the Coronavirus Pandemic and associated fall out from that situation. Your fire department personnel have continued to meet each challenge with professionalism, resilience and a commitment to problem-solving – all of the qualities you have come to expect from the finest group of first responders to be found anywhere. As our call volumes, training hours and public education events rebounded to near normal levels following 2020's shut down periods, YAUFR personnel and command staff continued to seek areas for improvement and striving to be the best they can be. Our public education efforts continue to be successful and well attended, and our training programs have developed immensely over the last few years.

Thousands of dollars are saved each year with the work performed by firefighters/apparatus technicians involved in our intra-departmental apparatus maintenance program. Likewise, we are transitioning to a warehousing approach to our consumable supplies in an effort to benefit from bulk purchasing and streamlining supply usage among all of our stations. This would not be possible without the assistance of our volunteer companies providing us a storage facility for these products.

The YAUFR Command and Administrative Staff members are the most committed and motivated group of people I have ever been blessed to work with. That combined level of motivation and commitment benefits our community in all that we do by spilling over to our firefighters who continue to look for new ways to contribute and master their craft. This staff was charged with making this department the best it can be, and we will continue striving to reach that goal as we work with our employees to be second to none.

I have said it many times at recognition ceremonies and elsewhere, I am truly blessed to lead the group of people who are YAUFR and commit to each of them that we will continue to do everything we can do to make this organization the absolute best it can be. And along the way we will never forget our commitment to the community, our personnel and their families.

FIRE CHIEFS COMMENTS

With 2022 already underway, I encourage all of our personnel to make this our best year yet. Let's do the things we need to do in order to keep COVID from interfering with our work. Let us work together, better than ever before, to improve our service to the community. And to the community, we thank you for your support. We ask that you reach out to us for questions related to fire safety, or our general operations. We are here for you with an open door, and a willingness to speak and present at your civic functions, HOA gatherings or wherever we can gather to educate and help you better understand your fire department.

Thank you for allowing us to serve you. Stay Safe and God Bless!

Daniel J. Hoff

Daniel J. Hoff, Fire Chief

LISA EINSIG, ADMINISTRATIVE DIRECTOR



LAURIE NOEL, ADMINISTRATIVE ASSISTANT



TRAINING, VOLUNTEERS AND FIRE POLICE - BATTALION CHIEF BRETT GRAHAM



Throughout 2021, YAUFR personnel focused on maintaining certifications and completing requisite annual renewals such as CPR/AED Recertification, Hazardous Materials Operations, Bi-Annual live fire evolutions and Respiratory Protection.

As part of their career development and continued pursuit of excellence, eleven personnel achieved various levels of certification in 2021, broken down as follows:

- Fire Instructor I: 3 Firefighters
- Fire Instructor II: 1 Captain
- Fire Inspector 1: 1 Captain and 1 Battalion Chief
- Fire Inspector II: 1 Battalion Chief
- Plans Examiner I: 1 Battalion Chief
- Plans Examiner II: 1 Battalion Chief
- Fire Officer I: 1 Firefighter
- Fire Officer II: 2 Firefighters and 2 Captains
- Fire Officer IV: 1 Captain

Training hours for 2021 are broken down as follows:

A. Total training – **15,529 hours**

a. Driver Training NFPA 1002 – **3,177 hours**

b. Facility Training - **714 hours**. Training conducted at the York County Fire School. (i.e. burn sessions, hand line advancement, search and rescue, ladders, etc.)

TRAINING, VOLUNTEERS AND FIRE POLICE

- c. Hazardous Materials Training NFPA 472- **468 hours**. Annual Haz-Mat Ops. refresher
- d. Officer training - **616 hours**. Training required for officers. (i.e. incident command, scene size up, etc.)
- e. Company training NFPA 1001 – **8,351 hours**. (i.e. building construction, saw operations and maintenance, water supply, fire detection / alarm / suppression systems, General Order review, forcible entry, ropes & knots, fire behavior, building familiarization / reviews, elevator rescue, hand line advancement, ground ladders, etc.)
- f. Technical Rescue Training NFPA 1006 – **1,449 Hours** (i.e. Vehicle Extrication, Confined Space, Building Collapse, Rope, Trench)
- g. Emergency Medical Services – **754 Hours**. (EMS Certification and Con-Ed.)

New Hire Orientation and Training

In 2021, YAUFR hired two full-time and three part-time employees who successfully completed the Departments 120-hour orientation program and have become productive members in their respective roles. Two full-time employees continue to work through our rigorous rookie training process with a goal of completing their probationary period at their one-year anniversary date.

2022 Training Outlook

All staff will be required to complete annual training including:

- A. Respiratory protection fit testing.
- B. Hazardous materials operation refresher
- C. Confined Space Operations Refresher
- D. Bi-annual company level burns

Effective January 1, 2022, YAUFR implemented a revised department training policy to ensure that all active personnel receive a minimum level of annual training to maintain essential skills and expand their knowledge base. This policy is intended to encourage more regular and consistent participation from part-time and volunteer staff to not only meet national training standards but to keep them continually engaged in our organization.

Additionally in 2022, the department will be hosting training to credential members in Driver Operator/ Pumper, High Angle Rope Rescue, Flash Over Recognition and Active Shooter Operations.

TRAINING, VOLUNTEERS AND FIRE POLICE

Fire Police Division

In 2021, York Area United Fire and Rescue's Fire Police Division, consisting of 15 active Fire Police Officers led by a Fire Police Captain (Spring Garden Township) and two Fire Police Lieutenants (Manchester & Springettsbury Townships), committed **2,123.3 Man-Hours** of service to our participating municipalities and surrounding communities. Their activity break-down is as follows:

- Total Calls: **1,408 Emergency Responses**
- Total Hours: **2,123.3 Hours**
 - Emergency Response: **1,688.7 Hours**
 - Training: **321 Hours**
 - Details: **113.6 Hours**

As part of their recertification and continued development, our Fire Police Division had ten personnel achieve various levels of certification through the year. The breakdown is as follows:

- Basic Fire Police: **7 Officers**
- Haz-Mat Awareness: **8 Officers**
- NIMS ICS: **6 Officers**
- Infectious Disease / BBP: **9 Officers**
- CPR / AED: **9 Officers**
- Advanced Fire Police: **7 Officers**



TRAINING, VOLUNTEERS AND FIRE POLICE

2022 Fire Police Outlook

In 2022, Battalion Chief Graham, in his role as Fire Police Liaison, will be working with YAUFR Fire Police Leadership to ensure that all personnel meet their mandatory training objectives and develop a plan for regular updates to ensure our officers are receiving the most up to date information to provide for safe and efficient operations. It should be noted that while our Fire Police Officers are all volunteer, they dedicate a tremendous amount of time and dedication to supporting our mission. In addition to this time commitment, this group purchases and equips their own traffic control units, fund and manage their own retention program and offer an incredible amount of support to the fire and police departments of our service area during emergency and non-emergency events. Training requirements for our fire police officers include but are not limited to the following:

Part A:

- Basic Fire Police (requires renewal every 3 years)
- Hazardous Materials (requires annual renewal)
- NIMS 700
- Blood borne Pathogens (requires annual renewal)
- CPR/AED (requires bi-annual renewal)

Part B:

Requirements below are to be completed within one year after completion of those listed in Part A.

- Advanced Fire Police (requires renewal every 3 years)
- ICS 100

DEPARTMENT STATISTICS

Incidents handled for 2021– 4228

Property Loss for 2021 - \$1,792,346

Property Saved for 2021- \$166,513,908

Overlapping Call % for 2021 – 43.21

Most Active Zone for 2021 – 89-104

Busiest Station for 2021 – 891

Busiest Day for 2021 – Wednesday

Most Active Hour for 2021 – 16:00

Manchester Twp. calls for 2021 – 1060

Springettsbury Twp. calls for 2021 - 1691

Spring Garden Twp. calls for 2021 – 982

Incidents handled for 2020– 3617

YTD Property Loss for 2020 - \$1,254,120

Property Saved for 2020 – \$149,963,026

YTD Overlapping Call % for 2020 – 38.48

YTD Most Active Zone for 2020 – 89-104

Busiest Station for 2020 – 895

Busiest Day for 2020 – Wednesday

Most Active Hour for 2020 – 13:00

Manchester Twp. calls for 2020 – 824

Springettsbury Twp. calls for 2020 – 1477

Spring Garden Twp. calls for 2020 - 869

DEPARTMENT STATISTICS

The chart below is an analysis of the 90th percentile performance times for all incidents that occurred within the YAUFR primary response area in 2021. 90th percentile is used statistically to determine a more realistic baseline performance. Baseline performance is shown for the department overall and then broken down by station response area.

About the chart:

The baseline performance is shown in minutes and seconds (MM:SS). The number in parenthesis after the time is the number of incidents analyzed to determine the baseline performance.

Call processing time: The time it takes a 9-1-1 dispatcher to answer a call and send the fire department.

Turnout time: How long it takes fire apparatus to leave the station after being dispatched.

Travel time: How long it takes the fire department to drive from the station to the scene.

90th Percentile 2021 Performance For No Aid Given Incidents						
	Overall	Station 891	Station 892	Station 893	Station 894	Station 895
Call Processing Time	04:51 (3,103)	04:38 (948)	04:41 (383)	04:35 (482)	05:19 (434)	04:51 (856)
Turnout Time	02:45 (2,855)	02:27 (854)	02:37 (360)	03:09 (474)	02:18 (413)	02:58 (754)
Travel Time	07:26 (3,135)	06:50 (910)	08:11 (380)	06:39 (500)	06:41 (463)	08:05 (882)
Dispatch to Arrival Time	09:11 (3,196)	08:21 (928)	09:22 (390)	08:42 (508)	07:47 (471)	10:10 (899)
Total On-Scene Time	37:47 (3,324)	36:36 (971)	37:59 (395)	32:49 (523)	32:09 (490)	45:01 (945)
Total Incident Duration	48:57 (3,732)	46:53 (1,130)	47:36 (430)	44:44 (566)	45:16 (548)	56:43 (1,058)

Average Turnout Time (Dispatch to Enroute) per Station for Date Range

Start Date: 01/01/2021 | End Date: 12/31/2021

STATION	TURNOUT TIME (min)
891 - Station 891	1:12
892 - Station 892	1:25
893 - Station 893	1:34
894 - Station 894	0:59
895 - Station 895	1:19

DEPARTMENT STATISTICS

Average Response Time per Station for Date Range

Start Date: 01/01/2021 | End Date: 12/31/2021

STATION	AVERAGE RESPONSE MM:SS (Dispatch to Arrived)
891 - Station 891	5:32
892 - Station 892	5:56
893 - Station 893	6:20
894 - Station 894	5:29
895 - Station 895	7:32

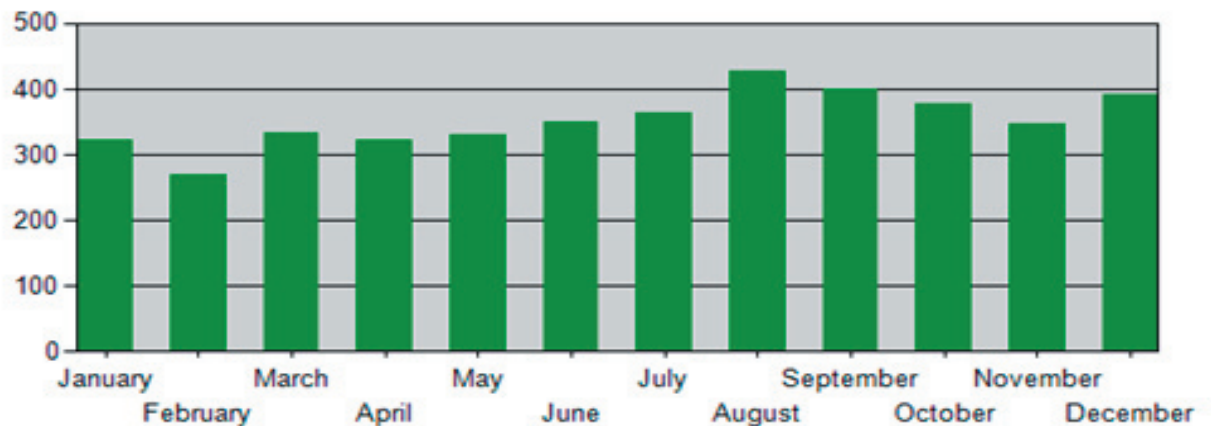
Incidents per Station for Date Time Range for Station

Start Time: 00:00 | End Time: 23:00 | Incident Type(s): All Incident Types | Station: All Stations | Start Date: 01/01/2021 | End

STATION	COUNT
891 - Station 891	1137
892 - Station 892	463
893 - Station 893	567
894 - Station 894	556
895 - Station 895	1087

Incidents by Month for Month Range

Start Month: January | End Month: December | Year: 2021



MONTH	INCIDENTS
January	322
February	269
March	334
April	321
May	330
June	350
July	364
August	426
September	399
October	378
November	347
December	390

PLANNING AND PREPAREDNESS - BATTALION CHIEF JOSEPH MADZELAN



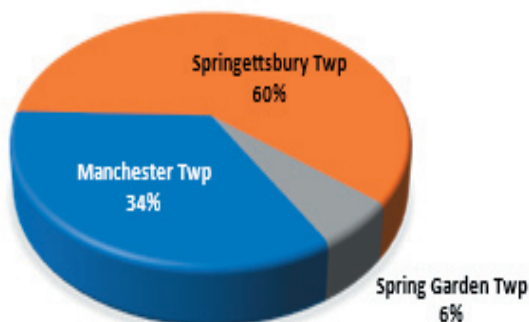
Inspections, Plan Review, and Code Enforcement

In 2021, approximately nine hundred forty-one (941) hours were spent on plan review and inspection activity. A total of two hundred fifty-two (252) plan reviews were conducted, including eighty-four (84) for Manchester Township, twenty (20) for Spring Garden Township, and one hundred, forty-eight (148) for Springettsbury Township. This included review of land development plans, as well as plans submitted for commercial building permits. BC Madzellan attended twenty-nine (29) staff plan review meetings among all three municipalities, where Township staff actively discuss plans submitted by developers.

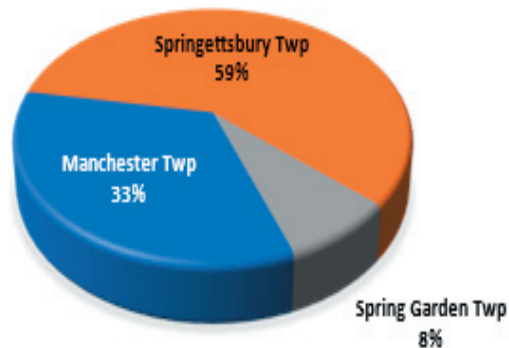
Two-hundred, forty-five (245) inspections were conducted. This included buildings, permit-related inspections of new or renovated buildings, changes in occupant, as well as investigations of complaints and life safety inspections conducted at the request of a business owner. Eighty-three (83) inspections were conducted in Manchester Township, fourteen (14) in Spring Garden Township, and one-hundred, forty-eight (148) in Springettsbury Township.

The department has developed an excellent working relationship with the municipal building code officials. This relationship has allowed for consistent input into building and development projects to ensure public safety needs are met. YAUFR personnel are able to assist building code officials in the completion of inspections when their own staff are unavailable. Since the department does not currently have a proactive fire inspection program, participation in inspections for building renovations and changes of occupancy are often the only opportunity available to ensure that life safety systems in existing buildings are being properly maintained.

2021 INSPECTIONS



2021 PLAN REVIEWS



PLANNING AND PREPAREDNESS

YAUFR was able to begin the process of an alarm registration program in 2021 and contracted with Inspection Reports Online. Priorities for 2022 include continuing to work toward 100% inspector certification among command staff and completing implementation of alarm and commercial property registration system in Manchester Township.

Emergency Management

Fifty-two (52) hours were committed to emergency management tasks in 2021. Notable Emergency Management-related activity in 2021 included:

- Participated in York Hospital's Hazard Vulnerability Assessment
- Participated in Central York School District's Safety Committee meetings
- Participated in quarterly LEPC meetings
- Participated on quarterly County EMA trainings and monthly EMS update calls
- Assisting with review of and/or revisions to emergency plans at the following facilities:
 - o York County Prison
 - o Central York School District
 - o GameStop warehouse
 - o YMCA Kids Club (Hayshire, Sinking Springs, & Stonybrook Elementary Schools)
 - o Personal care home on Scarboro Way

Our Regional Emergency Operations Plan (EOP) is due for review at the end of 2022, with promulgation anticipated in early 2024.



PLANNING AND PREPAREDNESS

Pre-Planning

YAUFR personnel conducted thirteen-hundred, forty-nine (1,349) preplans during 2021, a 63% increase from 2020. This did not represent a full year's worth of work, as the preplan program was on hold due to COVID for several months of the year. Working with Captain Stroble, we have set a goal of conducting preplans on all commercial properties throughout 2022. We have implemented a new process to ensure that preplans are assigned in Emergency Reporting. Captains will assign them to personnel at the start of each month and consistently follow up to ensure completion.

Accreditation

YAUFR officially became a Commission on Public Safety Excellence (CPSE) Registered Agency in 2020. A strategic planning committee was formed at the start of 2021 and worked throughout the year to complete a draft strategic plan, which is presently before our Commission for review. BC Madzellan, in his role as Accreditation Manager continues developing our Community Risk Assessment (CRA) and Standard of Cover (SOC) documents.

During 2021, Battalion Chief Madzellan was certified by the CPSE as a Level I Peer Assessor, after participating in a peer review and site visit to a DoD fire department in San Diego, California. Additionally, Battalion Chief Matt Arnold also serves as a credentialing Peer Reviewer for CPSE. Approximately twelve hundred, forty-two (1,242) hours were spent on accreditation tasks in 2021.

2022 Outlook

Goals for 2022 include:

- Adoption of the 2022-2024 YAUFR Strategic Plan
- Completion of Community Risk Assessment and Standard of Cover documents
- Beginning work on the self-assessment manual.



SAFETY, FACILITIES AND QUALITY ASSURANCE -

BATTALION CHIEF MATTHEW RUSS



Safety and Infection Control

- Six line of duty injuries were reported in 2021 resulting in 718.5 hours of time off being used. One injury was reported as serious and consumed 519 hours of the 718.5 hours total.
- Twenty-two members used 1832.75 hours of leave due to COVID-19 during 2021.
- All five fire stations are inspected regularly for safety violations during monthly safety meetings.
- All safety committee members attended Annual Safety Committee Certification Training through the Department of Labor and Industry – Bureau of Workers Compensation.
- Covid supplies have been inventoried and are stored at Station 893's warehouse.

2022 Outlook

- Monthly safety committee meetings have been scheduled for the first Thursday of each month. The first five months will consist of station inspections while the remainder of the year will be held at Station 891.
- Recertification will take place later in the year to remain certified by the Department of Labor and Industry.
- Accountability General Order is under review and will be completed in 2022.

Facilities and Station Supplies

- The departmental station supplies program has been revamped and supplies are now purchased in bulk and stored in the warehouse at Station 893. Crews will: submit a station supply request to the Administrative Assistant, requested items will be pulled by the Station 893 Captain, then crews will pick up the items at Station 893. A hands-on inventory of in stock items is completed every month as well as an electronic inventory.

SAFETY, FACILITIES AND QUALITY ASSURANCE

2022 Outlook

- We will continue to monitor and tweak this supply process as it is new.
- We will continue to competitively shop for the best price on supplies due to price fluctuations.

Quality Assurance

- Captains Matt Brown and Patrick Mooney have been brought on to the quality assurance team. They have been trained in the quality assurance process to successfully capture data that we require for incident reports and events.
- Team members reviewed 4228 incidents and 440 events.

2022 Outlook

- Department personnel will need to adapt to new changes coming from our records management system vendor (ESO) as they will be changing reporting software currently in use.
- Additional training regarding quality assurance is anticipated as the platform continues to be developed.

APPARATUS AND EQUIPMENT MAINTENANCE - BATTALION CHIEF CURVIN WOLFGANG



Apparatus

YAUFR was able to finish 2021 under budget in the area of apparatus maintenance by approximately 21% with the help of Pennsylvania OSFC Grants and with work completed in-house, saving the expense of third-party vendor charges. We also were able to take advantage of remaining comprehensive warranties on our 2018 Spartan engines, which expired in early 2022. Our 2019 Spartan aerial will remain under warranty for most of 2022.

APPARATUS AND EQUIPMENT MAINTENANCE

Our newer apparatus's warranty and lower operating costs, along with station personnel trained in apparatus maintenance, have provided outstanding value to our department and our stakeholders. In many cases, costs of repairs were limited to necessary part(s) costs. Maintenance tasks completed in-house included outrigger replacement, generator replacement, valve rebuilds, pump testing, and more. Having YAUFR personnel complete specific house maintenance tasks saved approximately \$19,500.00 in external labor costs in 2021.

Below are summarized apparatus utilization and associated maintenance costs for the year.

Apparatus	Maintenance Work Order Completions	Out of Service Hours	Usage Hours	Mileage Driven	2021 Maint. Costs
E891 (2018)	49	1,008	947	9,013	\$7,053.00
E892 (2018)	24	96	774	8,385	\$2,721.00
E893 (2018)	31	184	814	8,381	\$3,175.00
E894 (2014)	27	72	485	5,357	\$1,925.00
E895 (2018)	45	901	1,008	11,548	\$2,484.00
TK891 (2019)	22	1,685	996	11,072	\$8,719.00
TK892 (2002)	96	66	676	7,920	\$26,772.00
R89 (2002)	47	78	396	4,522	\$8,896.00
XE896 (2010)	17	46	142	1,676	\$2,141.00
XE897 (2010)	14	31	202	2,107	\$1,430.00
TOTAL	372	4,355	6,440	69,981	\$53,644.00

APPARATUS AND EQUIPMENT MAINTENANCE

Equipment

In 2021, YAUFR replaced all life safety rope in the second battalion through an OSFC grant. Our largest safety-related equipment project for 2021 was replacement of the Self-Contained Breathing Apparatus (SCBA). After months of testing and evaluation, 3M/Scott was chosen to replace our MSA units which were set to expire in 2022. Training of personnel to the technician level is ongoing and should be completed in late 2022. A lifetime warranty covers our new SCBA, and cost of ownership should be limited to normal maintenance and incidental damage repairs not covered by warranty. Monthly air monitor calibrations, annual hose testing, and most annual portable equipment preventative maintenance functions are completed by station personnel saving YAUFR over \$17,000.00 in those areas alone.

ADMINISTRATIVE SERVICES AND FIRE PREVENTION- BATTALION CHIEF MATTHEW ARNOLD



Gear Evaluation

In Spring of 2021, YAUFR personnel completed evaluating several different manufacturers of turnout gear. After a process that spanned more than seven months, it was decided to switch to LION for our structural firefighting gear. This decision was based upon feedback provided by our Firefighters and Captains, and many hours working with vendors to determine what was best for our department. The initial gear order was placed over the summer of 2021, and delivery is expected early in 2022.

2022 Outlook

As with many items, COVID has played a role in limiting supplies necessary for construction of our structural firefighting gear. We are expecting delivery of our new gear in March and have placed a preliminary order for our yearly allotment for 2022 to secure our place in line for manufacturing.

ADMINISTRATIVE SERVICES

Public Education / Fire Prevention

In 2021 we saw our public outreach programs return to more normal levels. We were again able to interact with schools, businesses, and community groups to discuss fire safety and interact with our public.

2021 Summary

Total Public Contacts Through Education Programs and Events – **8,253** (Compared to 690 in 2021, an increase of almost 1200%)

Total Number of People Trained in Fire Extinguisher Use – **612** (Compared to 366 in 2021)

Total Number of Smoke Alarms Distributed – **64** (Compared to 27 in 2021)

Total Number of Supervised Fire Drills Conducted – **7**

Total Number of Station Tours Provided – **14**

Total Hours Spent on Public Events: **759** hours

2021 PROGRAM HIGHLIGHTS

Youth Safety Camp

We conducted our second annual Youth Safety Camp in 2021, and it was an overwhelming success. In all, 20 youth attended our camp and blew us away with their knowledge! By the conclusion of camp, they were able to tie various fire department knots, perform basic pump calculations, lay out the first arriving apparatus at a fire scene, and explain various types of fires and how to extinguish them. In addition, many of them opted to become First Aid/CPR certified so that they can help people in their community. We couldn't be prouder of this group! In all, our personnel invested over 200 hours into the program.



2021 PROGRAM HIGHLIGHTS

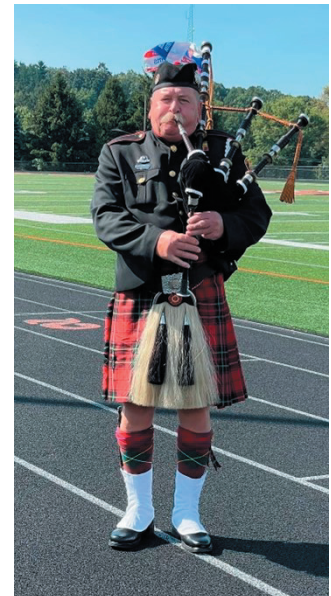


Recruiting

In fall of 2021, we began recruiting to establish an eligibility list for potential new hires. In all, we received over 130 applications from five states. The application process consisted of a written exam, physical agility test, and oral internal panel. The finalized list will be utilized to fill vacancies in both our full-time and part-time ranks.

September 11th Memorial Event

Working together, York Area United Fire & Rescue and York City Department of Fire/Rescue Services held a memorial event to mark twenty years since the tragic events of September 11, 2001. The event was held at York Suburban High School and included a remembrance ceremony as well as a memorial stair climb. Over \$5,200 was raised through the sale of t-shirts with the proceeds split between the Tunnel to Towers Foundation, and the Fuel Their Fire scholarship program.



2021 PROGRAM HIGHLIGHTS



2022 Public Education / Fire Prevention Outlook

In addition to traditionally offered programming, we are excited to have several new programs in the planning phase to be offered during 2022. These programs include:

High Risk Safety Program – This effort will focus on our higher risk occupancies including hotels, motels, and apartment buildings. Using lessons learned from noteworthy fatal fires in New York City and Philadelphia, we will be performing site visits to these facilities and verifying their fire safety features to keep their occupants safe.

Firefighters Involved in Reading and Education (F.I.R.E) – Working with various schools in our response district, we will work to be more involved with students outside of our traditional fire safety programs. This many include reading to younger students, track and field events, and other school sponsored programs throughout the year.