



Frequently Asked Questions

By: Chief Robert Turpel

What formal educational degrees do our chief officers hold?

The Fire Chief has a Master of Business Administration, a Bachelor of Arts, and a Certificate in Emergency and Disaster Management. The Deputy Chief of Operations has a Bachelor of Science in Management, an Associate of Arts in Business, and is currently enrolled and has completed approximately one-half of the work required towards a Master of Science in Public Education. The Deputy Chief of Administration has a Master of Science in Public Safety Administration and a Bachelor of Arts. The Battalion Chief has an Associate in Applied Science in Fire Science Technology.

What is the current health of the Firefighters Pension Fund?

Excellent, the end of 2014 showed the Pension funded according to the District's private actuary at 90.2% and at 97.0% by the State's actuary. The return on investment for 2014 was 5.53%. Current 2015 contribution rates are 9.455% for the employee and 18.05% for the District.

Does the District provide food for firefighters during their 24 hour shift?

No, the firefighters are responsible for their own food. Each shift (three of them due to the 24 hours on-duty and 48 hours off-duty) operates a little differently. Some of the personnel eat meals together that they have cooked at the firehouse, others bring their own individual food from home or order out from local establishments. One thing for sure in the fire service, meal time is important for shift bonding and quality communication. Re-

gardless where the food comes from an attempt is

made to always eat together as a family/group. One caveat to this, the District may provide food to personnel during times of intensive/extensive calls and training.



Rescue 55 (mini-pumper)

Does the District have special operational guidelines/policies/procedures/equipment in place in order to properly handle fire emergencies in difficult/limited access (narrow, long private driveways/roads) areas?

Yes, several guidelines have been developed, implemented, monitored, reviewed/updated. They include, but are not limited to, Standard Operating Guideline (SOG) #31, Initial Full Alarm Code 3 (Structure Fire) Assignment Capability; SOG #56, Initial Long Grove Duty Crew Assignment During In-District, Offensive Mode, Structure Fire Attack; SOG #58, Rural Water Supply. The answer is also yes to possessing and utilizing specialized apparatus/vehicles in order to effectively, efficiently and safely combat fires in difficult/limited access areas. The District currently owns a mini-water tanker/tender (1250



Tanker 5 (mini-water tanker/tender)

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Interesting Calls

By: Deputy Chief Marc Small

On March 6, firefighters responded with a pumper squad, ambulance, on-duty battalion chief, fire chief, and deputy chief to a reported motor vehicle crash with entrapment involving a semi tractor trailer and a passenger vehicle. Assistance was received from Buffalo Grove FD, Lake Zurich FRD, and Lincolnshire-Riverwoods FPD. While en route, dispatch advised that the semi truck was on fire. Additional assistance was requested from Countryside and Prospect Heights FPDs with water tenders due to no fire hydrants in the area. Palatine FD responded to our station with an engine to cover our district. Once Long Grove units arrived they found a fully involved semi truck cab on fire. The driver and only occupant were out of the vehicle. The accident had occurred 4:58 am on Rt. 83 just north of Aptakisic Road. The truck was traveling north on Rt. 83, when it struck a passenger car that was stalled in the road. The car, at time of impact, was vacant, as the driver was off the side of the road waiting for help. The car sustained heavy damage as the truck rear ended at 45 mph, per the truck driver. After impact, the truck began to smoke and as the driver was calling for help it caught fire. The driver exited the truck cab with minor injuries, but refused transport by ambulance. The car and truck both sustained severe damage.

On March 18, at 2:40 pm we responded for a motor vehicle accident with a semi tractor trailer rolled over on Lake Cook Road just east of Rt. 53 expressway, with a fire chief, battalion chief, deputy chief, rescue pumper, and an ambulance. Arlington Heights FD, Buffalo Grove FD, Prospect Heights FPD and Lincolnshire-Riverwoods FPD also responded to the scene.

Buffalo Grove units arrived first on the scene at 2:43 pm and reported the crash to be located on the eastbound exit ramp to Lake Cook Road from northbound Rt. 53 and established command. They reported a semi tracker trailer rolled over on its roof just off the ramp in the grass, the truck was carrying two large rolls of steel. Heavy airbags were requested from Ernie's Wrecker Service in Lincolnshire and an aero medical helicopter was put on standby. The fire chief arrived at 2:45 pm and command was transferred to him. Crews found two trapped occupants in the cab and a dog running around outside the truck, police took custody of the apparently uninjured dog. The driver of the truck was able to speak and the passenger was unconscious but breathing. Crews, using multiple hydraulic rescue tools on both sides of the cab, were able to free the passenger at 2:59 pm and moved the patient into an Arlington Heights ambulance for transport to Lutheran General Hospital in Park Ridge with non-life threatening injuries. At 3:01 pm the driver of the truck was freed and moved into a Long Grove ambulance for transport to Northwest Community Hospital in Arlington Heights with non-life threatening injuries.

In March, Long Grove firefighters responded on several mutual aid calls to surrounding communities. On March 4 our pumper squad went to Rolling Meadow's fire station for coverage during a house fire; we responded to 5 calls while covering their station. On March 29, our pumper squad responded to Mundelein for a house fire. On March 30, our ambulance went to Mundelein for a house fire. On March 31, our pumper squad responded to Libertyville's fire station for coverage during a house fire.

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On April 17, at 4:00 pm we were dispatched for a brush fire in the rear of 4700 Royal Melbourne Drive. Due to multiple calls going on at the time, we responded with a pumper tanker with two personnel. While en route, a large column of smoke coming from the Royal Melbourne subdivision was seen. The response was immediately upgraded for a second pumper tanker and ambulance from our station. Mutual aid was requested for assistance from Buffalo Grove FD, Countryside FPD, and Lincolnshire-Riverwoods FPD. Upon arrival, the first in crew reported a large brush fire approximately 200' by 100' that was moving toward a growth of cattails. It took approximately an hour to extinguish the fire, no homes sustained any damage.

On May 4, we were dispatched to Nichols Road, in unincorporated Arlington Heights, for an oven fire in a multi-family dwelling. We responded with a pumper squad, pumper tanker, ambulance, fire chief, and deputy chief with assistance from Palatine and Buffalo Grove FDs. Palatine fire engine arrived first and went upstairs to the apartment, while the Fire Chief established command. Palatine reported the fire was out but there was severe damage to the kitchen. The apartment's occupants were moved to the ambulance and evaluated for smoke inhalation. The remaining apartments were initially evacuated by Cook County Sheriff's Police with confirmation of such by fire crews. The apartment was checked for hidden fire, none was found, and we removed the remaining smoke using fans. The occupants refused transport to the hospital. The American Red Cross was contacted to assist the residents of the affected apartment with temporary housing. The fire was determined to be accidental.

In May, firefighters responded to several mutual aid calls to surrounding communities. On May 1, to Libertyville with a brush truck and chief officer for a brush fire. On May 3, to Prospect Heights

with our pumper tanker, ambulance, and chief officer for a garage fire. On May 18, to South Barrington with our pumper tanker, ambulance, and chief officer for a house fire. On May 28, to Lincolnshire with a Hazardous Materials Technician to assist with a chemical leak.

On June 17, 2 the battalion chief, fire chief, deputy chief, rescue pumper, and ambulance were dispatched for a motor vehicle accident with entrapment on Old McHenry Road just north of Rt. 22. Automatic aid companies from Lake Zurich FRD, Buffalo Grove FD, and Lincolnshire-Riverwoods FPD also responded to the scene. Upon arrival, the Battalion Chief reported two vehicles involved. One of the vehicles was off the road upside down laying on its roof, the driver being entrapped in the vehicle. Crews removed the driver and passenger side doors, using multiple hydraulic tools to accomplish the task. The driver was removed from the vehicle and transported to Condell Medical Center in Libertyville, with non-life threatening injuries. The other vehicle had moderate front-end damage; the driver was medically evaluated but refused medical treatment and transport from the scene by ambulance. A fire engine from the Palatine FD covered our district from the fire station during the incident.

During the summer months, firefighters responded to several mutual aid calls to surrounding communities. On June 8, we responded to Libertyville with our pumper tanker and chief officer for a house fire. On June 20, we responded to Buffalo Grove with our pumper squad and chief officer for a fire in a health club. On July 18, we responded to Mundelein with our pumper squad for a house fire. On July 26, we responded to Nunda FPD with our pumper squad for a house fire. On August 2, we responded to Grayslake with our brush truck and fire chief for the tornado. On August 3, we responded to Grayslake with two of our Hazardous Materials technicians for a chemical leak.

Meet Our Fire Service Family...

By: Firefighter/Paramedic Kris Mullen

To do the best job possible you have to hire the best. We are proud of our top personnel, so in each newsletter we feature a few of our finest firefighters, who are part of our team and fire service family.

Firefighter/Paramedic Tyler Gates joined LGFPD during the summer in 2014. FF/PM Gates recently graduated from paramedic school, at Northwest Community Hospital, this summer. He completed the fire academy, at Northeastern Illinois Public Safety Training Academy (NIPSTA) in Glenview, in the fall of 2014.

Tyler graduated from Crystal Lake Central High School in 2010. He comes from a firefighting family and is looking forward to serving the residents of the district. When Tyler is not on duty his hobbies include fitness, bodybuilding, nutrition, and the outdoors.

Firefighter/Paramedic Matt Sadowski joined LGFPD this year. FF/PM Sadowski became a paramedic in 2010 and a firefighter in 2014. When he is not serving the residents of our district, he is serving the residents of Newport Fire Protection District, where he also works part-time.

Matt came to the United States from Poland when he was two years old, he has lived here for 26 years. During his free time, he enjoys spending time with his three year old son, snowboarding, and is an avid Chicago Bears and Blackhawks fan.

LGFPD Mission Statement

To provide residents, owners, businesses, and visitors within the Long Grove Fire Protection District, and any recognized emergency agency requesting automatic/mutual aid, with the safest, effective, efficient, comprehensive, and customer focused Fire, Rescue, and Emergency Medical Services possible. This high level of professional services will not be limited in scope to emergency situations only, but will encompass the broader spectrum of public safety, to include Public Education, Fire Inspections, and all other support services.

Calendar of Events

October 1	CPR/AED Class
October 3	Open House
November 5	CPR/AED Class
December 1	First Aid Class
December 3	CPR/AED Class
January 12	CPR/AED Class
February 2	CPR/AED Class
March 15	CPR/AED Class
March 18	First Aid Class
April 5	CPR/AED Class

Classes begin at 6 pm. Class fees are \$15 for residents of LGFPD, \$30 for non-residents. Call Jeff Baygood for additional information at 847-634-3143.

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gallon per minute pump, 1,850 gallons of water, 50 gallons of foam), and a mini-pumper (500 gallon per minute pump, 300 gallons of water, 15 gallons of foam). These mini-apparatus are quite smaller than their full size counterparts but still pack a significant punch while being paramedic equipped and carrying all the needed equipment to fight fires. These apparatus and their personnel can gain access quickly and aggressively go to work on rescuing victims,



extinguishing/controlling the fire and limiting property damage. This year, the District placed in-service a 4-wheel drive all terrain utility vehicle that can be transported to an emergency scene on a trailer. This vehicle has a small pump, water and foam tanks with a hose wheel. The vehicle's fire component is mainly for brush/grass fires but can be used on small fires related to the congested downtown Long Grove festivals. The all terrain utility vehicle has the capability of transporting an injured/sick patient on a collapsible stokes rescue basket. This is extremely important if a patient is located in a remote limited access area where the vehicle would be utilized to remove the patient to an awaiting ambulance for transport to the hospital. The same concept applies below as with a patient, the utility vehicle would be able to transport personnel/equipment/supplies into any remote, limited access or rough terrain work location and bring them back out to a main rally/staging point after the assignment has been completed. Finally, the District is joint owners of a hose tender apparatus which carries 4,000 feet of flat loaded 5" large diameter supply hose. This rig also has a small overall foot print and can gain

access to these problem areas. Its primary function is to lay their large hose in order to supply the attack pumping apparatus with water from portable water tanks and water tankers/tenders located out on the main road.

How is the District prepared to answer an emergency event similar to the recent tornado that touched down in the Grayslake area?

There are five key components which allows the District to maintain a ready state for disaster response. First, extensive and realistic ongoing classroom, tabletop and practical training. Topics include National Incident Management System (NIMS) with heavy emphasis on unified command and coordination of multi-jurisdictional response; special technical rescue team training involving the four major disciplines including structural collapse, high angle, trench and confine space rescue; tabletop exercises simulating large local events; active shooter response exercises along with other mass casualty drills. Internally, two of the Districts personnel possess Certificates in Emergency and Disaster Management from the College of Lake County and two personnel completed the Professional Development Series for Disaster Management through the Federal Emergency Management Agency (FEMA) and the Illinois Emergency Management Agency (IEMA).

Second, the District is a member of the Illinois Mutual Aid Box Alarm System (MABAS). On the local level, the District is a member of Lake County MABAS Division IV. Through MABAS, a pre-designated Disaster Response Card has been developed and implemented by local fire departments, such as Long Grove. These cards are set up using a Task Force deployment type concept. In other words, 1-7 levels of escalating response apparatus and personnel from multiple jurisdictions are noted on the cards. The MABAS Division dispatch center coordinates the response and all associated radio traffic. Each level of response on the card is a self-sustaining group made up of a certain number of Chief Officers, Pumpers, Rescue Squads, Ladder Trucks, Water Tankers/Tenders, Ambulances and

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other miscellaneous equipment. Let's say Long Grove was initially struck by a tornado and three different subdivisions were damaged. The on-duty chief officer could request the Disaster Box Card be activated to the third alarm level and he could then send each level of the alarm into different subdivisions to initiate emergency operations. These initial operations may need to be built up even more as the incident progresses. Also, other resources would be added to the fire service companies on the scene, as needed, including law enforcement, utility companies (electric, natural gas, phone, cable), public works or other contracted private heavy equipment companies, Community Emergency Response Teams, Red Cross, Local/County/State/Federal Emergency Management Personnel, the list is endless.

Third, the District is a member of the Lake County MABAS Division IV Special Rescue Teams. This organization consists of different teams, including Divers, Hazardous Materials technicians, Technical Rescue technicians, Side Scan Sonar technicians, a Mechanics team and Wildland Fire technicians. A response matrix similar to the Disaster situation is utilized. The District has personnel serving on all the previously mentioned teams with the exception of the sonar team.

Fourth, the District's partnership with South Lake County Regional Community Emergency Response Team (CERT). This team is used to supplement both fire and police personnel during significant emergency situations and for special events. Although they are not trained to the level of firefighters and police officers, they have received significant training and can perform such tasks as traffic/crowd/perimeter control, movement of personnel and equipment via an ATV, outdoor search and rescue, interior search and rescue (structurally sound buildings only), property conservation assistance, debris removal, cutting up and removal of trees blocking a roadway, hazard stand-by, Emergency Operations Center assistance, emergency responder rehab assistance, first responder First Aid, shelter operation assistance, planned well-being checks, missing person search, damage assessment, warming shelter operation, cooling shelter operation, mass casualty assistance, and sand bagging.

Fifth, the District is a member of the Emergency Management Coordinating Council of Lake County. One of the District's personnel is serving as President-elect for the organization. Participation in this group is highly beneficial for the District due to the membership being multi-disciplined, the significant training opportunities, sharing of ideas and general networking.

Are You Weather Ready?

By: FF/PM Jeffrey Baygood

With all the severe weather we have been experiencing, especially the recent tornado in the Grayslake area, how can you and your family be alerted to the potential hazards. The answer is "there is an app for that." The Federal Emergency Management Agency (FEMA) has developed an app for smart phones and recently added a severe weather alert function. The alerts are issued by the National Weather Service and you can set up the app for up to five locations across the country.

In addition to this upgrade, the app also provides a customizable checklist of emergency supplies, maps of open shelters and Disaster Recovery Centers, and tips on how to survive natural and manmade disasters. The FEMA app also offers a "Disaster Reporter" feature, where users can upload and share photos of disaster damage.

Some other key features of the app include:

- **Safety Tips:** Tips on how to stay safe before, during, and after over 20 types of hazards, including floods, hurricanes, tornadoes and earthquakes
- **Disaster Reporter:** Users can upload and share photos of damage and recovery efforts

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Heating Safety Tips

By: Fire Marshal Michael Schmitt

Heating equipment is a leading cause of home fire deaths. Half of home heating equipment fires are reported during the months of December, January, and February. Some simple steps can prevent most heating-related fires from happening.

- Keep anything that can burn at least three feet away from heating equipment, like the furnace, fireplace, wood stove, or portable space heater.
- Have a three-foot “kid-free zone” around open fires and space heaters.
- Never use your oven to heat your home.
- Have a qualified professional install stationary space heating equipment, water heaters or central heating equipment according to the local codes and manufacturer’s instructions.
- Have heating equipment and chimneys cleaned and inspected every year by a qualified professional.
- Remember to turn portable heaters off when leaving the room or going to bed.
- Always use the right kind of fuel, specified by the manufacturer, for fuel burning space heaters.
- Make sure the fireplace has a sturdy screen to stop sparks from flying into the room. Ashes should be cool before putting them in a metal container. Keep the container a safe distance away from your home.
- Test smoke alarms monthly.

Carbon Monoxide Safety Tips

Often called the invisible killer, carbon monoxide is an odorless, colorless gas created when fuels (such as gasoline, wood, coal, natural gas, propane, oil, and methane) burn incompletely. In the home, heating and cooking equipment that burn fuel can be sources of carbon monoxide (CO).

- CO alarms should be installed in a central location

outside each sleeping area and on every level of the home, and in other locations where required by applicable laws, codes or standards. For the best protection, interconnect all CO alarms throughout the home. When one sounds, they all sound.

- Follow the manufacturer’s instructions for placement and mounting height.
- Choose a CO alarm that has the label of a recognized testing laboratory.
- Call your local fire department’s non-emergency number to find out what number to call if the CO alarm sounds.
- Test CO alarms at least once a month; replace them according to the manufacturer’s instructions.
- If the audible trouble signal sounds, check for low batteries. If the battery is low, replace it. If it still sounds, call the fire department.
- If the CO alarm sounds, immediately move to a fresh air location outdoors or by an open window or door. Make sure everyone inside the home is accounted for. Call for help from a fresh air location and stay there until emergency personnel arrive.
- If you need to warm a vehicle, remove it from the garage immediately after starting it. Do not run a vehicle or other fueled engine or motor indoors, even if garage doors are open. Make sure the exhaust pipe of a running vehicle is not covered with snow.
- During and after a snowstorm, make sure vents for the dryer, furnace, stove, and fireplace are clear of snow build-up.
- A generator should be used in a well-ventilated location outdoors away from windows, doors and vent openings.
- Gas or charcoal grills can produce CO — only use outside.

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- **Maps of Disaster Resources:** Users can locate and receive driving directions to open shelters and disaster recovery centers
 - **Apply for Assistance:** The app provides easy access to apply for federal disaster assistance
- Please take the time to download the app and be more prepared.

For a brief video tutorial on the app visit:

<https://www.youtube.com/watchv=BxBdhLtNuxM&feature=youtu.be>

For additional information please visit www.READY.gov



Fire Line
A newsletter of
Long Grove Fire Protection District
1165 Old McHenry Road
Long Grove IL 60047
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**Open House
October 3**

Emergency always dial 9-1-1
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Come One, Come All to our Open House!

Every year, LGFPD opens its doors to the community to showcase its equipment and facilities, and it offers more than the chance for children to climb on the fire trucks. The event takes place from 11:00 am to 3:00 pm on Saturday, October 3, and features a free hot dog lunch. Its real mission is to help educate the community on the importance of fire safety and fire prevention in residents' homes. This year's open house coincides with National Fire Prevention Week, which runs Oct. 4-10, and locally commemorates the Great Chicago Fire of 1871. The massive destruction that the Chicago Fire left changed the way firefighters and public officials thought about fire safety. Its anniversary ultimately

led the International Fire Marshals Association to design National Fire Prevention Week, timed around the anniversary of the Chicago Fire, as a way to promote fire safety and prevention. It has run consecutively every year since President Warren Harding issued the first National Fire Prevention Day in 1922.



Children and kids-at-heart will have fun climbing in the fire trucks, sliding down the fire pole and making fire safety buttons. There will also be demos throughout the event, including side-by-side home sprinkler demo, vehicle extrication demo, and the water rescue team will be on display with members diving in a tank. As always, firefighters will be on hand to answer any questions you may have. This is a great time to meet the firefighter and paramedics that serve your community.