



# MASON FIRE DEPT.



## MAY 2022 COMMITTEE REPORT

1. **Mason Fire Department responded to a total of 14 incidents for the month of April with a 100% response rate:**
  - 7 EMS Calls
  - 1 EMS Call (Tipton County)
  - 2 Automatic Fire Alarms
  - 3 Motor Vehicle Accidents w/ Injuries (Tipton County)
  - 1 Vehicle Fire (Tipton County)
  
2. **At approximately 2:25 am on May 2<sup>nd</sup>, Mason Fire Department was dispatched to a motor vehicle accident with injuries and entrapment at the intersection of Highway 70 and Finde Naifeh Drive. Upon arrival, fire units were presented with one occupant that was trapped inside one of the vehicles and was in serious condition. Extrication was performed by Mason, Covington, and Three Star Fire Departments and the patient was transported to the hospital by helicopter. This was a major incident that shut down Highway 70 for several hours as several utility poles had to be replaced and the accident had to be investigated. Our department is very thankful for all of the assistance received by all agencies involved. Due to the power outage, Mason Fire Department was delayed in its initial response due to the station doors needing to be rolled up manually for fire apparatus to respond.**
  
3. **The department has submitted its initial budget request to meet the needs of an increasing call volume, limited available staffing, vehicle maintenance needs, and more. This budget request is preliminary and is subject to change as needed.**
  
4. **Firefighter Hannah Depoe was recognized on April 26<sup>th</sup> for having the highest overall score for the Basic Emergency Medical Technician program across all three Dyersburg State Community College campuses. Firefighter Depoe has also recently completed testing for certification obtaining her license as an EMT-B.**
  
5. **One of the front-facing roll up doors for the fire station is currently out of service. A quote has been received from Precision Door Service for a total of \$1,281.30 for repairs. It has been advised that due to the age of the doors, parts are no longer manufactured matching the station's current set-ups. Three other doors are showing signs of impending failure for similar issues that will be costly to the town. It is recommended that the town begin preparing to replace all roll up doors to reduce the overall maintenance costs to the station.**



# MASON FIRE DEPT.



## SEPTEMBER 2022 COMMITTEE REPORT

1. **Mason Fire Department responded to a total of 9 incidents for the month of August with a 100% response rate:**
  - 6 EMS Calls
  - 1 EMS Call (Tipton County)
  - 1 Motor Vehicle Accident W/ Injuries
  - 1 Automatic Fire Alarm
  
2. **The department is experiencing an increased shortage of volunteer firefighters and is starting to see an increase in average response times. In order to maintain adequate coverage, the department will be actively recruiting for volunteers, but it will take time to develop all new hires to respond to calls. The department is also in immediate need of additional full/part-time staff already possessing certifications to meet current demand.**
  
3. **The department needs an immediate replacement for Engine 72. Engine 71 is being used for manpower/EMS purposes only due to its pump being out of service. This needs to be repaired/replaced as quickly as possible. The department has located a suitable used fire engine located in McLendon-Chisolm, Texas for \$30,000. The engine is a:**
  - 2004 E-One Cyclone 1250/500
  
4. **The department needs approval to list and sell three vehicles that are out of service and have no further use for the fire department in order to afford another fire engine. All vehicles would be listed to Gov Deals for bid for a total of 30 days. Starting prices would be:**
  - 1981 American LaFrance Fire Engine - \$1
  - 1997 E-One Freightliner Chassis - \$15,000
  - 1986 Chevy Blazer CUCV - \$5,000
  
5. **All of Mason Fire Department's apparatus are in need of immediate maintenance and annual testing. All annual pump/aerial testing must be completed by December 31<sup>st</sup> of this year. If maintenance needs progress, the department will be immediately hindered in its capabilities in responding to emergencies. All maintenance is required by NFPA and OSHA to maintain a safe working environment for firefighters. Immediate major needs include:**
  - Pump maintenance/NFPA annual testing for Engine 71.
    1. Front pre-connect air leak.
  - Immediate oil change and NFPA annual pump testing for Tanker 74.
    1. Primer motor maintenance needed.



# MASON FIRE DEPT.



## JULY 2022 COMMITTEE REPORT

1. **Mason Fire Department responded to a total of 17 incidents for the month of June with a 100% response rate:**
  - 4 EMS Calls
  - 1 EMS Call (Tipton County)
  - 1 Motor Vehicle Accident
  - 1 Motor Vehicle Accident W/ Injuries
  - 1 Carbon Monoxide Alarm
  - 1 Automatic Fire Alarm
  - 1 Automatic Fire Alarm (Tipton County)
  - 3 Illegal Burns
  - 1 Vehicle Fire
  - 1 Vehicle Fire (Tipton County)
  - 1 Grass Fire (Tipton County)
  - 1 Structure Fire (Tipton County)
2. **Annual equipment testing was completed on July 14<sup>th</sup>. All of the department's hose, hard suction, nozzles, and ladders were recertified for the year.**
3. **Engine 71 is currently out of service due to pump issues. Arrangements are being made to take the apparatus in for maintenance immediately.**
4. **A nearby department in Tipton County has expressed interested in obtaining a damaged forestry skid unit that came from the back of Mason's previous rescue truck. The department currently has no need for this unit, and its system inoperable. With the town's permission, the department would be willing to donate this item to help clear it from the property.**
5. **The Mason Fire Auxiliary was recently awarded a grant for the purchase and donation of brand-new EMS bags for all of Mason Fire Department's apparatus. This donation will help the department significantly in being able to afford additional medical supplies and equipment for its increasing number of EMS responses. The department is extremely thankful to the Auxiliary and to Southwest Electric Cooperative for their support.**

There are three types of fire response organizations that can be found:

\* Volunteer \* Paid \* Combination The main difference is the way the stations are staffed. Paid departments maintain a crew of paid firefighters at all times, ensuring a proper crew and a quick response.

Volunteer companies generally have more firefighters, however often times they will respond from their homes or jobs. Combination departments are those that have paid firefighters during certain hours, or they have a full paid staff supplemented by volunteers.

In terms of training, a volunteer firefighter obtains the very same certifications as a paid firefighter. Paid firefighters respond from the station usually only during their shift, while volunteers, continuing the traditions established by Benjamin Franklin centuries ago, will respond any hour day or night, with no expectation of financial reward.

## HOURS-PER-WEEK STANDARD

The common measurement for full-time status is the number of hours clocked per week. The [U.S. Bureau of Labor Statistics](#) considers a full-time workweek to be at least 35 hours. The agency found that full-time workers in nonagricultural industries averaged 42.5 hours per week in 2014.

According to Work and Education surveys conducted by Gallup in 2013 and 2014, full-time respondents averaged 47 hours per week. Gallup found that only 42 percent of full-time U.S. workers keep a 40-hour schedule, and 8 percent work less than 40 hours. Full-time salaried workers in the sample averaged four hours more per week than their hourly colleagues who must adhere to clock restrictions.

Sections 540-542 of the FSRS manual outlines in detail the criteria and formulas necessary for calculating the ISO credit allocation for a department's aerial device. ISO's FSRS manual states that a Fire Department must have an aerial ladder if their response area has five or more buildings, of three stories (or 32 feet) or more in height (ground to eaves), or with five buildings that have a "Needed Fire Flow" (NFF) greater than 3,500 gpm (*reference ISO FSRS section 300-340 for NFF calculation criteria*), or with at least five buildings meeting any combination of those criteria. Throughout the ISO FSFS manual, it references the NFPA 1901 standard. It is advised that an aerial purchasing department become very familiar with the NFPA standard, prior to evaluating what beneficial impact the ISO rating may have on their fire district. There are many factors that contribute toward an aerial's ISO points rating. Some of the evaluated criteria are as follows: