

Tempe Fire Medical Rescue 2020 Annual Report



We, the members of the Tempe Fire Medical Rescue Department, dedicate our efforts to provide for the safety and welfare of the public through preservation of life, health, property, and the environment.

Message from the Chief

It is my honor to present to you the Tempe Fire Medical Rescue Department's 2020 Annual Report. This report is intended to provide details about the remarkable services each member of our department provides every day. On the following pages you will find the highlights of the Tempe Fire Medical Rescue Department 2020 year in review. While people most readily identify with our medical, fire and special operations services, they may not realize the expertise the fire medical rescue department provides in other areas. Such areas include building and fire code enforcements, plan review of buildings, fire prevention and suppression systems, emergency planning for community events, fleet management and public education.

I have always believed every day brings us another opportunity to learn and grow. 2020 certainly did not let us down. It provided us with ample opportunities to learn and grow several times a day throughout most of the year. We started 2020 off with the challenges brought on by COVID-19. COVID-19 has reinforced the importance of preparation and how much our training for the worst-case scenario really does pay off. We have learned the importance of being agile and flexible during an ever-changing and unpredictable pandemic. In late July, the City of Tempe made headlines around the world when a train derailed while traveling over Tempe Town Lake. A total of 12 cars went off the track which included 3 hazardous tank cars. The derailment resulted in a large fire, which eventually burned a large section of the rail system over the lake. This was one of the largest incidents in the history of Tempe Fire Medical Rescue Department, loaded with challenges. Our preparation and training resulted in a rapid, coordinated and safely mitigated incident which also included several weeks of support through an on-going incident management system. On March 6th we were again reminded how fragile and delicate life can be when we lost Firefighter Tommy Arriaga after a long courageous battle with cancer. Not only did we lose another TFMRD member, but we suffered our second Line of Duty death. Tommy taught us so much about dedication, perseverance and courage. He also taught us, "it's cool to be clean."

In 2021 we will continue to provide for the safety of Tempe residents, visitors and workforce. We will continue to adapt to the COVID-19 pandemic challenges. We will continue to work toward several planned programs and projects. A few of the big projects include planning for a new Station 2, several station renovations and planning for our fifth ambulance to be placed in-service. Our commitment to serving our community is made possible through the ongoing support we receive from the citizens of Tempe, Mayor, City Council, City Manager, Tempe Chapter of Local 493 and City departments.

I'm honored to have been given the opportunity to continue to serve this department and community as the Fire Medical Rescue Chief. I look forward to a healthier 2021 and we will continue to support each other as we face whatever challenges 2021 has planned for us.



Accomplishments

Emergency Management

- Activated the City of Tempe Emergency Operations Center (EOC) in response to the COVID-19 pandemic.
- Provided guidance on employee/workplace safety related to COVID-19.
- Monitored federal, state and local agencies to provide up-to-date guidance in response to COVID-19.
- Sourced, evaluated, monitored and distributed Personal Protective Equipment (PPE) in response to COVID-19.
- Activated the Emergency Operations Center (EOC) and initiated an Incident Management Team in response to the Tempe Train Derailment on July 28, 2020.
- Supported City of Tempe Police Department in the Multi-Agency Coordination Center (MACC) in response to the Tempe 2020 Demonstrations.
- Completed After Action Reports and Improvement Plans from each activation of the EOC.

Personnel and Professional Development

- Highrise training with new hose implementation.
- Fireboat training completed.
- Resiliency training completed.
- Vitanya Brain Entrainment—for all members.
- New inventory tracking system was put into place.

Special Teams and Programs

- 5 MSU paramedics attended the CONTOMS Tactical Medic course.

Emergency Medical & Support Services

- Placed low acuity unit LA272 in service.
- Purchased Rosenbauer rear mount ladder truck.
- Purchased the City's/Department's 7th and 8th ambulances.
- Completed 167 scheduled Preventative Maintenance inspections to department apparatus.
- Finalized security gate upgrade to Fire Station 6.
- Finalized concrete upgrade to Fire Station 3.
- Finalized polished concrete upgrade project Fire Station 6.
- Completed Department wide mobile and portable radio refresh and upgrade.



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Joining the Department

Michelle Seitz	Emergency Manager	Jeremy Hester	Emergency Paramedic
Bryan Eisen	Emergency Medical Tech	Jennifer Metallo	Emergency Paramedic
Jason Brooks	Emergency Medical Tech	Marcel Benoit	Firefighter+
Audra Emmerson-Dombrowski	Emergency Medical Tech	Joseph Escontrias Jr	Firefighter+
Michael Fabish	Emergency Medical Tech	Vaugh Fredricks	Firefighter+
Carlos Leyva Heredia	Emergency Medical Tech	Jared Railsback	Firefighter+
Austin Houle	Emergency Medical Tech	Kurt Schupe	Firefighter+
Kyle Towles	Emergency Medical Tech	Adam Humphrey	Firefighter Recruit+
Jacob Anderson	Emergency Paramedic	Zackry Tamburo	Firefighter Recruit+
Jacob Fletcher	Emergency Paramedic	Rebecca Taylor	Firefighter Recruit+
Brian Goodman	Emergency Paramedic		

Recognition



Aley Roberts

Cadet of the Year



Joe Escontrias

**Kyle Brayer Veteran in Public
Safety Award**



Tommy Arriaga

**Tempe South Rotary Club Outstanding
Firefighter/Employee of the Year Award**



Mike Atkinson

**Jim Gaintner Leadership
Award**

Promotions

Tony Butch—Assistant Fire Chief

Nick Ells—Deputy Chief

Drew Ashcraft—Captain Paramedic

Dustin Preston—Captain Paramedic

John Reese—Captain

Cian Carvalho—Engineer Paramedic

Josh Colby—Engineer Paramedic

Eric Gordon—Engineer Paramedic

Paramedic Assignments

Firefighter Kyle McGauley—MSU paramedic

Firefighter Austin Jardine—MSU paramedic

Firefighter Scott Leatham—MSU paramedic

Graduations

Captain Drew Ashcraft—TRT

Firefighter John Guglielmo—TRT



STATISTICS

CITY INFORMATION

Land Area	40.1 sq. mi.
Population	175,826

DEPARTMENT INFORMATION

Total Personnel	219
Sworn Personnel	164
Civilian Personnel	55
FD Operating Budget	\$47,311,426
Insurance Services Office Rating	1
Total Emergency Calls	25,183
Fire	2,025
EMS (Medical Calls)	20,290
Other	2,868
Ambulance Transports	7,519
Drownings	1
Advanced Life Support Response Time	06:41
Fire Response Time	07:11

INCIDENTS BY PROPERTY USE

Public Assembly	876
Educational	136
Health Care	1,092
Residential	14,418
Mercantile/Business	2,485
Industrial	16
Manufacturing	25
Storage	154
Outside	5,277

FIRE INSPECTIONS

High Risk Occupancy Inspections	544
Moderate Risk Occupancy Inspections	60
Low Risk Occupancy Inspections	32
Construction Permit Plan Reviews	1,346
Construction Permit Inspections	1,318
Total Occupancy Inspections/Activities	6,471

INCIDENT INVESTIGATIONS

Fire Investigations	123
Other calls for service	68
Total calls for service	191

FIRE INVESTIGATIONS BY

Unintentional	55%
Undetermined	31%
Intentional	14%

COMMUNITY AND LIFE LOSS PREVENTION SERVICES

Public Education Presentations, Including: Fire Safety, Water Safety, Injury	502 people attended 18 classes
Smoke Alarms Installed	18
Juvenile Fire Setter Interventions	0
In-home Day Care Inspections	5
Car Seats and Booster Safety Seats	78
Fire Extinguisher Training	130

Community Outreach Through Technology Platforms

In 2020, Community Risk Reduction took a significant hit in the ability to conduct public outreach and community engagement for public education. To adapt to the conditions of the COVID-19 pandemic, Community Risk Reduction developed a quarterly newsletter in partnership with Tempe Police Department. The following are statistics associated with the development and implementation of the quarterly newsletter to track in different manner the amount of reach the public safety messaging has in the community.

Quarterly Newsletter Recipients/Readership

<u>Quarter</u>	<u>Year</u>	<u>Readership</u>
Summer	2020	1,772
Fall	2020	2,171
Winter	2020	1880
Spring	2021	2024

Community Risk Reduction will be engaging more in social media for public outreach and messaging, using metrics to demonstrate increases and decreases in public engagement with messaging. These figures will be reported in the 2022 Annual Report.

Public education messaging will also use QR codes in the future which will provide additional tracking information on citizen's readership.



Retirements



Engineer Paramedic

Todd Lunn

1/31/20



Fire Captain

John Abramson

6/27/20



Fire Engineer

Gary Brown

6/29/20



Assistant Fire Chief

Craig Fredricks

6/30/20

Line of Duty Death

Firefighter

Tommy Arriaga

3/6/20

Cause: Occupational Cancer





Grants & Donations Received

- U.S. Department of Homeland Security, Federal Emergency Management Agency; \$338,273 to screen members of the Department for certain types of cancer. This project is dedicated to fallen Tempe Firefighter Thomas “Tommy” Arriaga.
- Arizona Department of Homeland Security; \$103,000 to sustain the Department’s Special Teams programs.
- Arizona Department of Homeland Security; \$22,867 to sustain the Department’s Threat Liaison Officer (TLO) program.
- Arizona Department of Homeland Security; \$5,259 to purchase an Information Technology Systems Event Response Team (ISERT) portable incident command response network.
- Arizona Department of Homeland Security; \$3,742 in reallocated federal fiscal year 2018 funds to purchase medical supplies and equipment for the Department’s Metropolitan Medical Response System (MMRS).
- Arizona Department of Homeland Security; \$6,961 in reallocated federal fiscal year 2017 funds to sustain the Department’s Community Emergency Response Team (CERT) program.
- Arizona Department of Homeland Security; \$1,400 to sustain the Department’s Community Emergency Response Team (CERT) program.
- Home Instead, INC; \$2,500 for the Patient Advocate Services Program.
- Salt River Pima Maricopa Indian Community Grant; \$77,000 to support the Patient Advocate Services Program.
- Contempo Tempe Social Club; \$2,500 for the Paramedic Donations Fund.
- The Meadows Mobile Home Community; \$6,509 for the Paramedic Donations Fund.
- Archie and Phyllis Armstrong; \$100 for the Paramedic Donations Fund.
- Dan and Margrett Majetich; \$1,000 for the Paramedic Donations Fund.

Looking Forward

Fire Station 2— fiscal year 2022, TFMR will begin construction on the new Fire Station 2. The project consists of building a completely new station at the same location as the old Station 2. The new station will have additional capacity to house apparatus and staff while increasing safety for the firefighters and staff working at that location. The design phase began in FY 2021.

Fire Station 1— Major renovations will take place at Fire Station 1. The restroom facilities and office space will be renovated to allow for increased capacity and improved health and safety of the personnel assigned to Station 1. Design work for this project began in FY 2021.

New Apparatus— In FY 2021, TFMR will take delivery of three new pumper apparatus. These pumpers are designed with features that will improve the health and safety of the firefighters assigned to them while also improving the reliability of our fleet of response vehicles by replacing older pumpers in service now.

