

Phoenix Regional Automatic Aid System Overview

Presented by: Daisy Mtn Fire & Medical Fire Chief Brian Tobin

February 2026



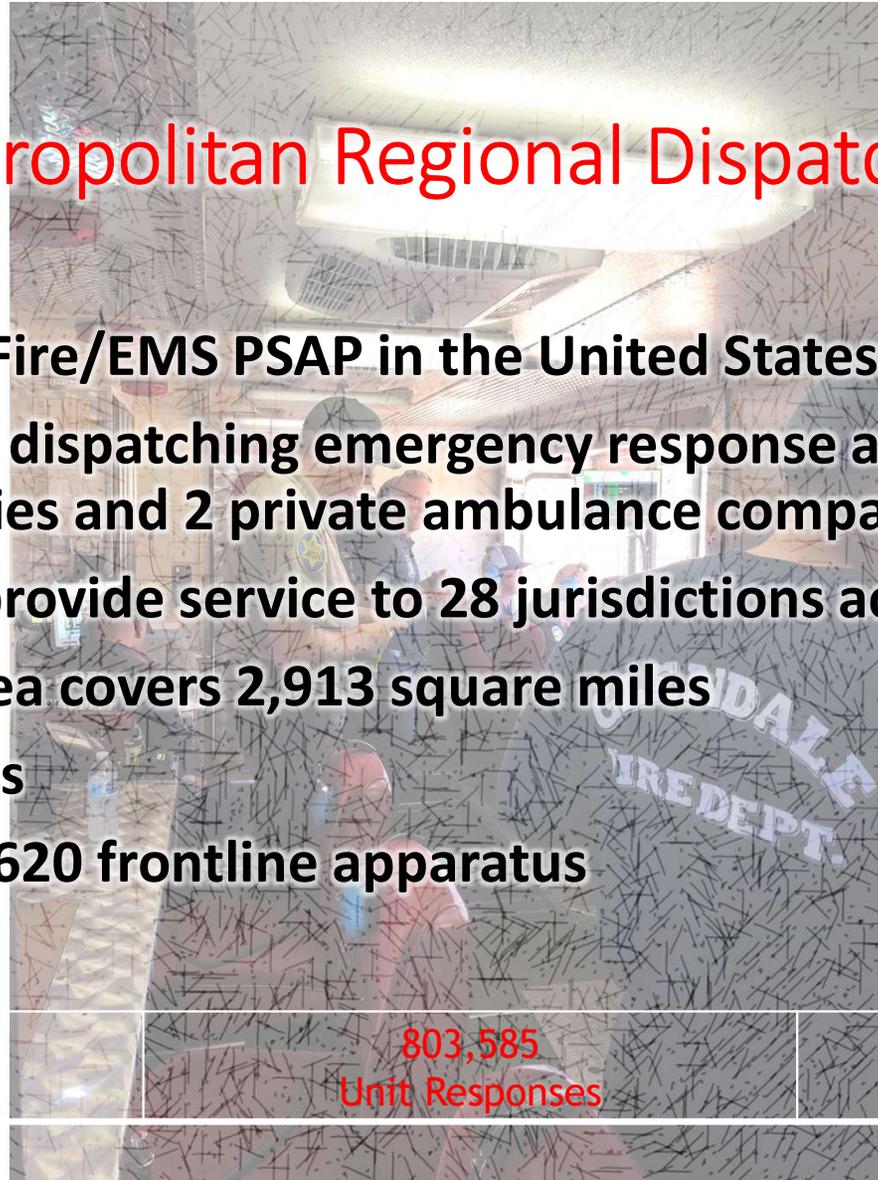
Phoenix Metropolitan Regional Dispatch Center

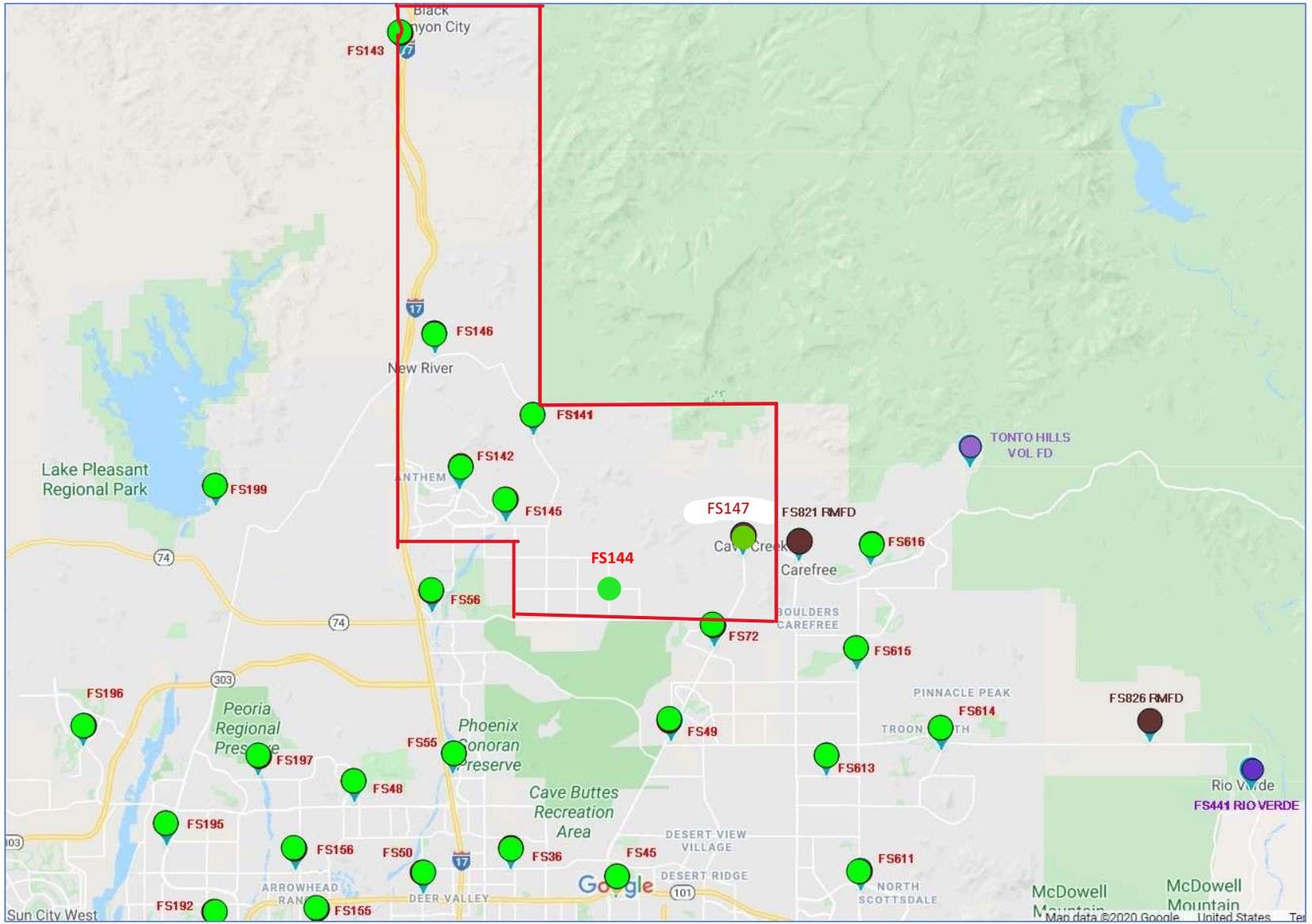
- **Second largest Fire/EMS PSAP in the United States**
- **Responsible for dispatching emergency response apparatus for 21 fire/EMS agencies and 2 private ambulance companies**
- **These entities provide service to 28 jurisdictions across 4 counties**
- **Total service area covers 2,913 square miles**
- **170 Fire Stations**
- **Approximately 620 frontline apparatus**
- **Key Metrics**

496,561
Total Incidents

803,585
Unit Responses

•1 min 24 sec (90th PCT)
Call Processing Time





DMFD Fire Station 144

2402 E Cloud Road



NORTH 24TH STREET VIEW



PUBLIC LOBBY PARKING VIEW

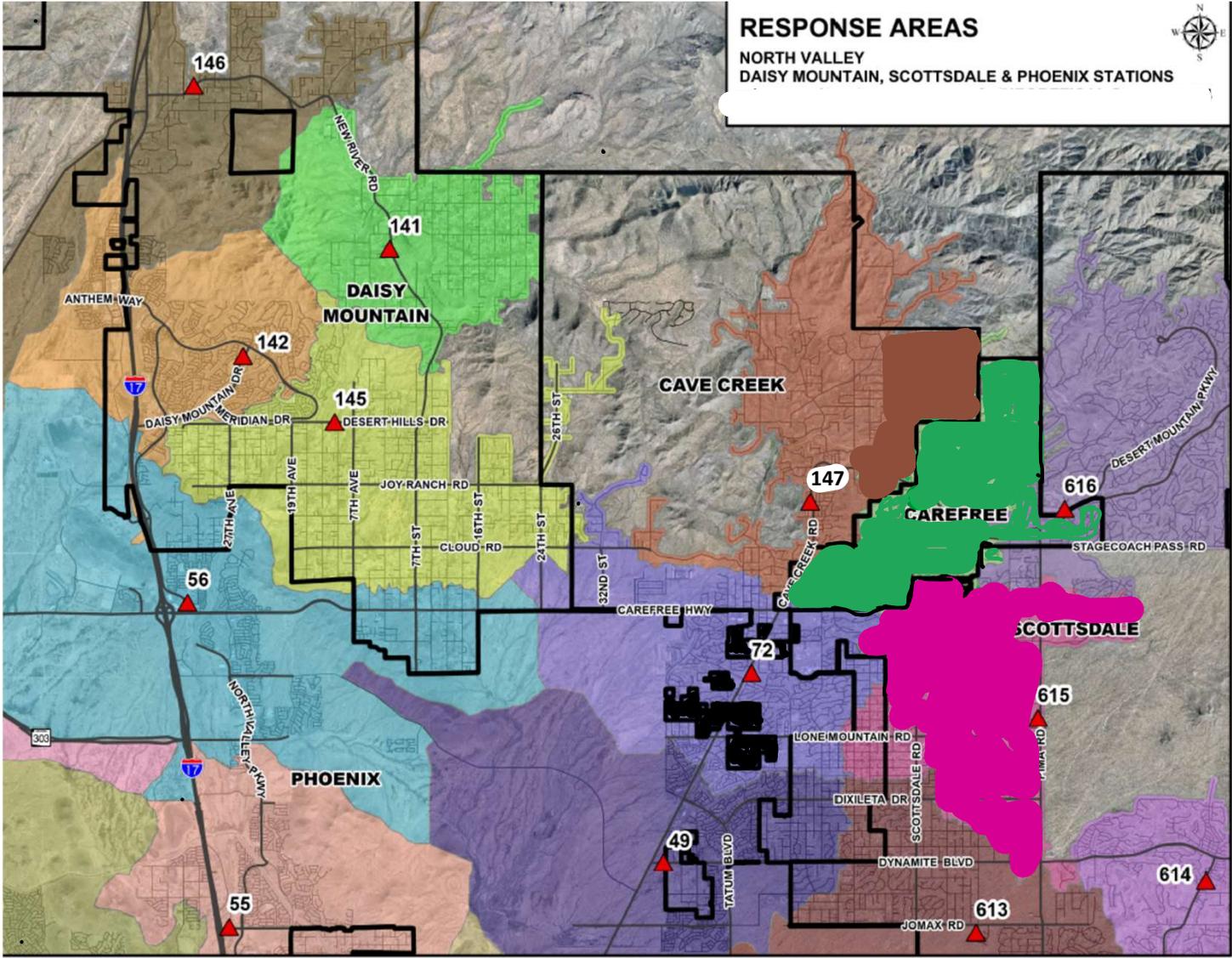


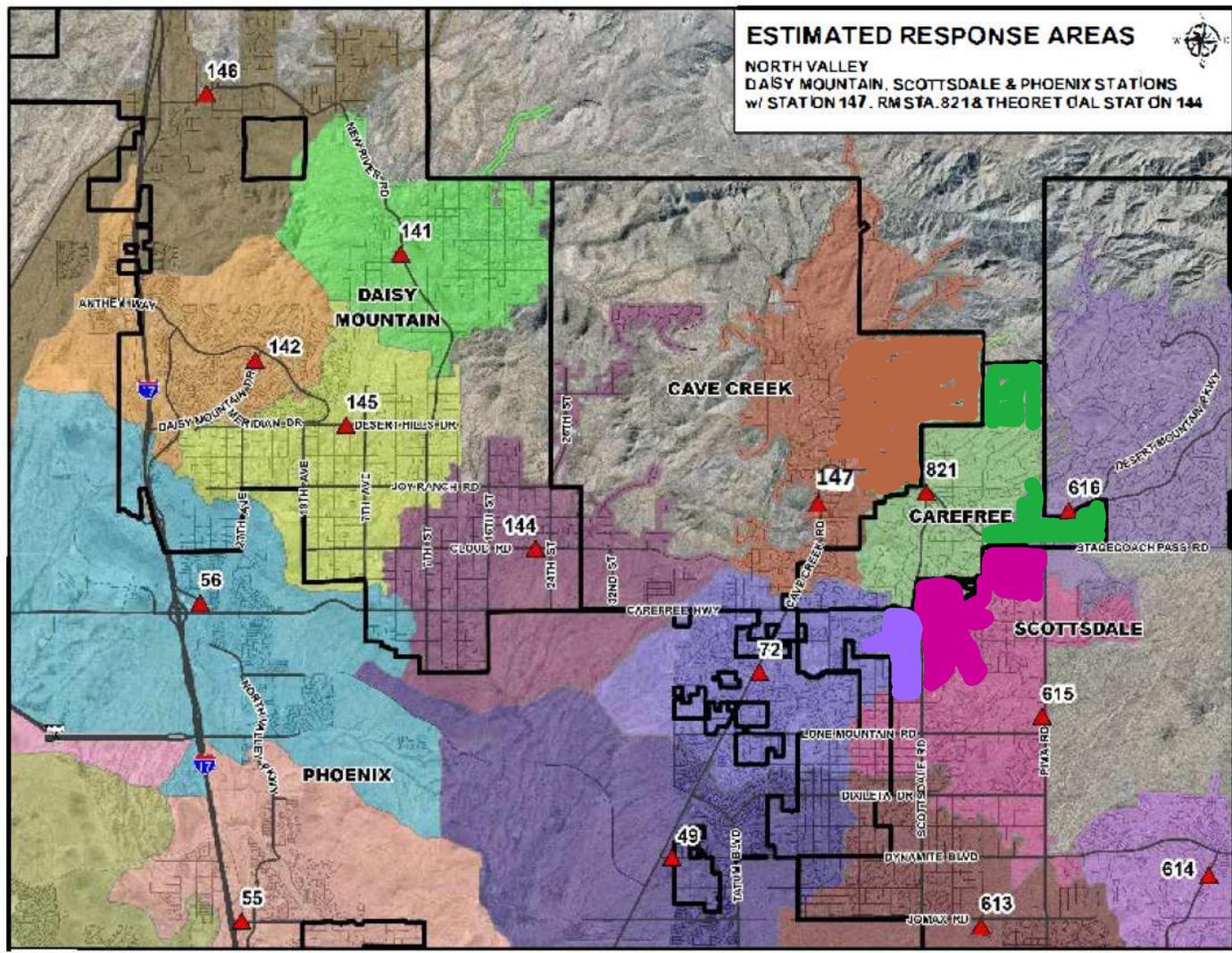
STAFF ENTRY VIEW



RESPONSE AREAS

NORTH VALLEY
DAISY MOUNTAIN, SCOTTSDALE & PHOENIX STATIONS









Heavy Rescue 144



Engine 144



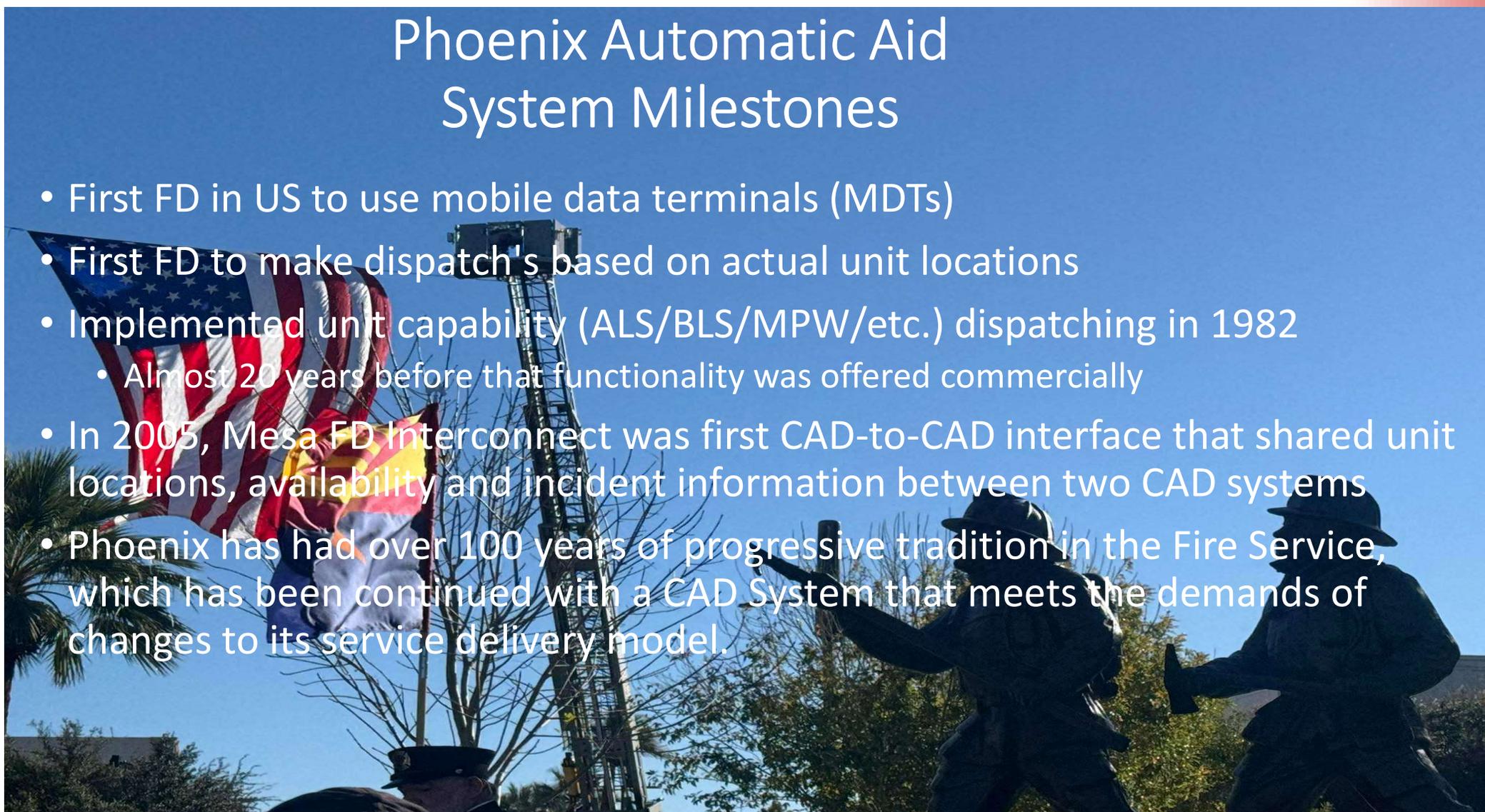
Automatic Aid Regional Partner Start Dates

Start Date	Jurisdiction
1982	Glendale
1982	Tempe
1987	Peoria
1988	Tolleson
1989	Laveen
1990	Sun City
1991	Daisy Mountain
1994	Sun City West
1994	Guadalupe
1995	Avondale
1996	Sun Lakes
1998	El Mirage

Start Date	Jurisdiction
1998	Surprise
1999	Goodyear
2001	Chandler
2001	Buckeye
2001	Buckeye Valley
2005	Scottsdale
2007	Paradise Valley
2007	Maricopa
2010	Harquahala
2017	Tonopah
2017	Wittmann
2020	Black Canyon City

Phoenix Automatic Aid System Milestones

- First FD in US to use mobile data terminals (MDTs)
- First FD to make dispatch's based on actual unit locations
- Implemented unit capability (ALS/BLS/MPW/etc.) dispatching in 1982
 - Almost 20 years before that functionality was offered commercially
- In 2005, Mesa FD Interconnect was first CAD-to-CAD interface that shared unit locations, availability and incident information between two CAD systems
- Phoenix has had over 100 years of progressive tradition in the Fire Service, which has been continued with a CAD System that meets the demands of changes to its service delivery model.



Automatic Aid Since 1976

- A. Standard Automatic Dispatch. The Participants executing this Agreement agree to dispatch their respective assigned fire department/district units on an automatic basis. The Computer Aided Dispatch and Automatic Vehicle Locator system will automatically determine the closest available, most appropriate unit(s) regardless of jurisdictional boundaries. Each jurisdiction agrees that such unit(s) will respond.

PHOENIX REGIONAL
STANDARD OPERATING PROCEDURES

MUTUAL AID RESPONSE AND OPERATIONS

M.P. 205.17

11/24-R

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PURPOSE

The purpose of this procedure is to provide a standard and acceptable practice for all Phoenix Regional Automatic Aid Partners with Mutual Aid assistance to fires, medical emergencies, hazardous materials incidents, technical rescues, and other types of emergency incidents that are within the scope of services provided by the partner fire departments with written formal agreements.

DEFINITIONS

Mutual Aid is defined as, any Fire Department emergency response and/or incident mitigation assistance provided by one jurisdiction to other jurisdictions when no formal Automatic Aid agreement has been instituted. Any Mutual Aid assistance provided will be the result of a formal request for assistance from one jurisdiction to the other jurisdiction. Requests for mutual aid can be refused by any requested agency.

Automatic Aid System Tenets

- All Participants must be part of a **Regional Dispatch System**
- The Computer Aided Dispatch and the required Automatic Vehicle Locator system will automatically determine the closest available, most appropriate unit(s) regardless of jurisdictional boundaries.

Automatic Aid System Tenets

Fire Fighter Safety

- The Dispatch System relies on a consistent and preplanned **radio system** with multiple tactical radio frequencies.
- Participants are required to provide for their **individual needs** to ensure consistent, interoperable and safe communications not only within their jurisdictional areas, but within the entire Automatic Aid System. (Carry over their radio channels to the system)
- All Participants must also be a member of the **Regional Wireless Cooperative** for radio system connectivity.



Automatic Aid System Tenets

Fire Fighter Safety

- All Participants will use **standard command procedures** for efficient management of the emergency and for the **safety of firefighters** through the use of standard terminology, reporting relationships, and support structures.
- The standard operating procedures adopted for use by all Automatic Aid Participants is the Phoenix Fire Department's "Bret Tarver" Manual, Volume 2.

Automatic Aid System Tenets

Fire Fighter Safety

- Command Officers that function in an Operational response capacity, attend at least 50% of the **Command Officer training** curriculum offered at the Phoenix Fire Department Command Training Center.
- To ensure safety, participants shall use an **Incident Safety Officer System** that will follow NFPA Standard 1521.

The background of the slide features a clear blue sky. On the left, an American flag is flying. In the center, a fire truck's aerial ladder is extended upwards. On the right, the silhouettes of two firefighters in full gear are visible, one holding a hose. The overall scene is bright and clear, suggesting a sunny day.

Automatic Aid System Tenets

Fire Fighter Safety

Participants shall maintain an inventory of **compatible equipment**, including hoses, couplings, pump capacity, communications equipment, and will maintain the minimum standard amount of equipment on each type of apparatus.



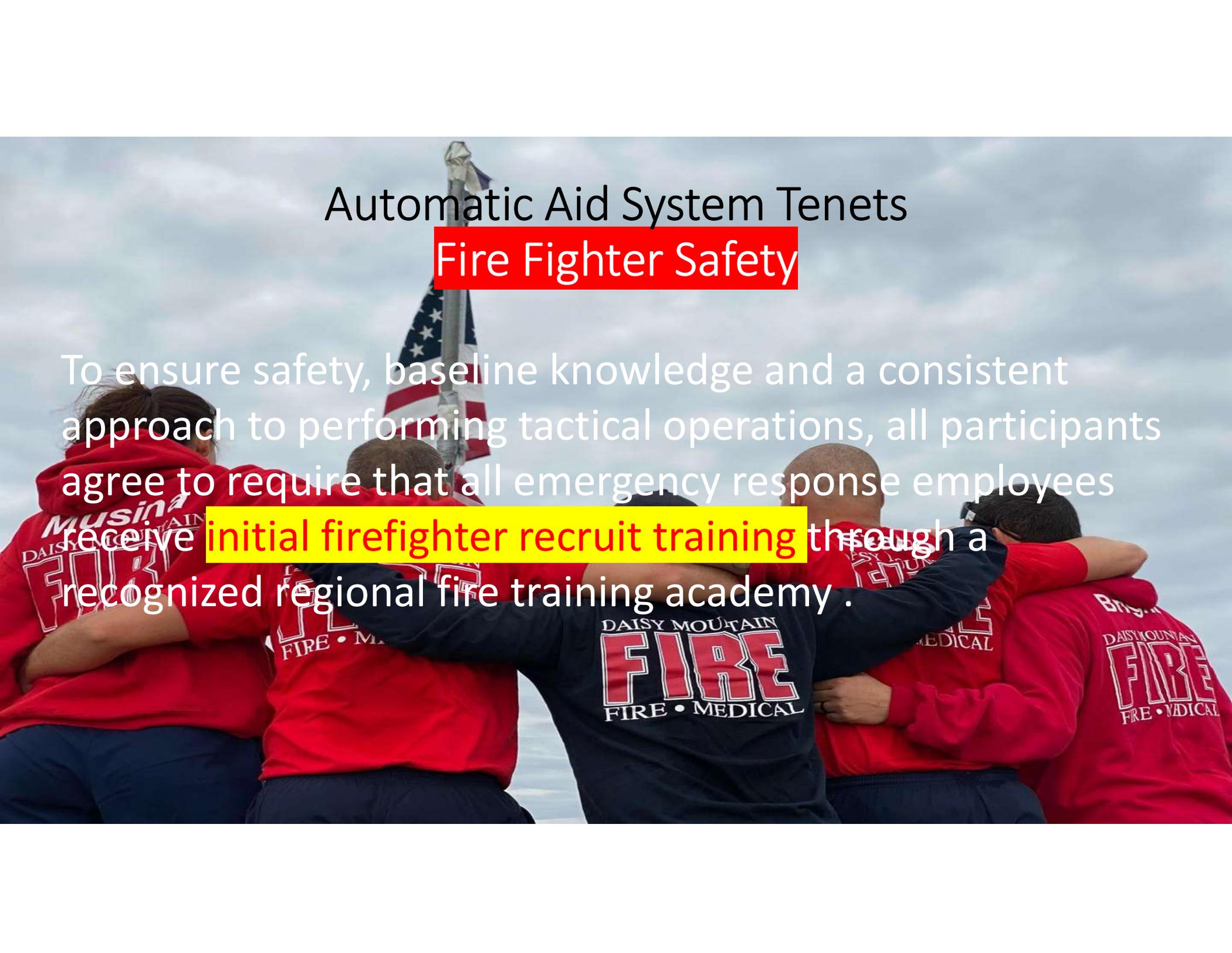
Automatic Aid System Tenets Fire Fighter Safety

- Participants shall use **standardized response criteria.**
- The CAD system can tailor the response to specific types of incidents by jurisdiction upon request by the jurisdiction needing the tailored response.

Automatic Aid System Tenets

Fire Fighter Safety

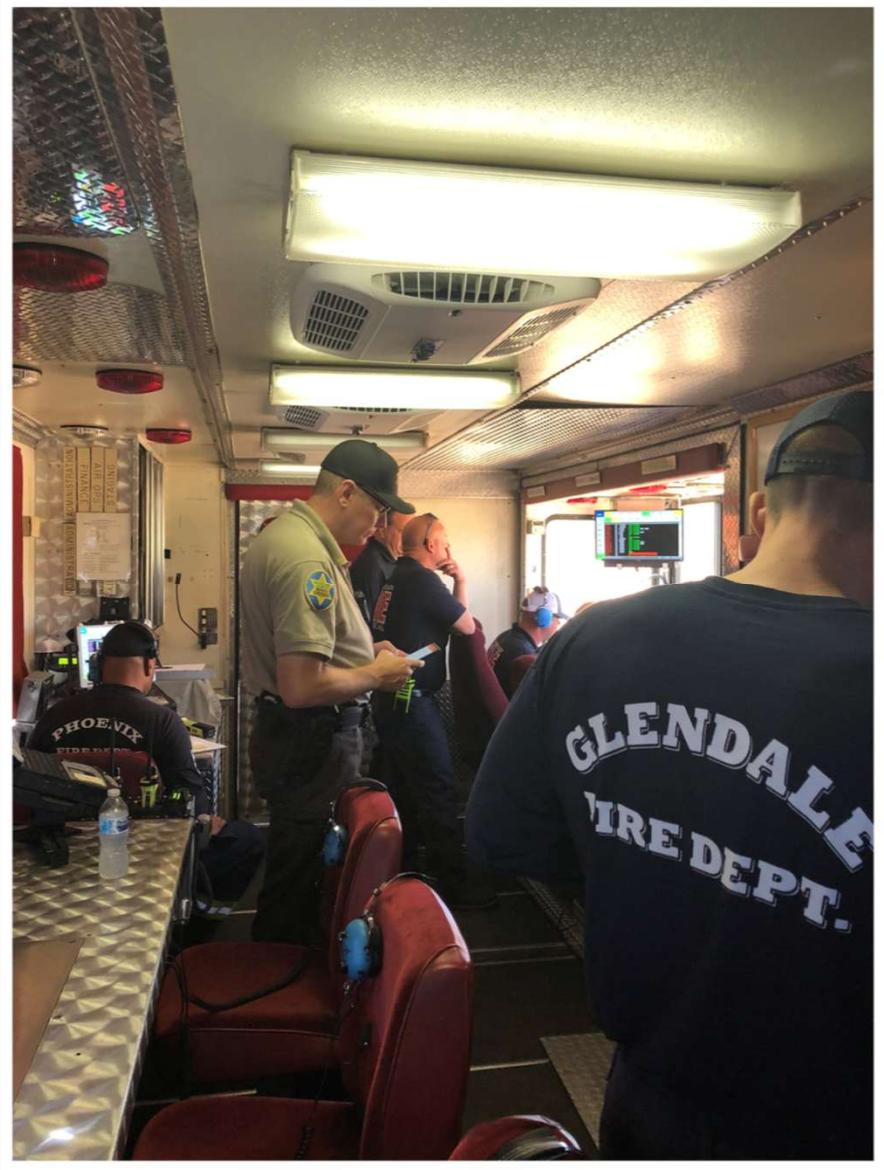
- **Full staffing** as described in NFPA 1710 on engines and ladders provides the most efficient and effective personnel safety and service delivery to the public. System Participants recognize the importance of service delivery and personnel safety issues.
- The minimum daily staffing level for all engines and ladders **shall be four (4) members** which is "full staffing" under NFPA 1710.



Automatic Aid System Tenets

Fire Fighter Safety

To ensure safety, baseline knowledge and a consistent approach to performing tactical operations, all participants agree to require that all emergency response employees receive **initial firefighter recruit training** through a recognized regional fire training academy .





Questions?





DAISY MOUNTAIN FIRE & MEDICAL

HONORABLE • COMPASSIONATE • EXCEPTIONAL

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