Texas Emergency Medical Task Force

Component Overview

The TX EMTF Program is a series of components that activate resources on behalf of Texas on a State Mission Assignment [SMA] that provides a custom, scalable approach to medical disaster response. The key to the program is the ability to activate our members from EMS & fire departments, public and private healthcare organizations, regional coalitions, & state and local government who provide personnel & assets that activate during disasters.

Medical Incident Support Team

- Medical Incident Mgmt. Personnel Augmenting Operations Centers &/ Command Posts
- Subject Matter Experts & Leaders in the ESF-8, Health & Medical Arena

Ambulance Staging Mgmt. Team

- Public Safety Logistics Subject Matter Experts in Staging Large Numbers of Assets
- Manges the Staging Site, Mobilization, & Tracking of Activated ESF-8 Resources

AMBUS / MPV

- Custom Multi-Patient Vehicles with a Transport Capability of 20+ Patients
- Care & Mass Trasport / Evacuation of Injured / Ill
- REHAB / Force Protection for Responders

Mobile Medical Unit

- Temporary Healthcare Infrastructure that Rapidly Deploys & Provides High Quality Patient Care in the Field
- Deployable Emergency Room with Scalable Teams & Assets

Ambulance Strike Team

- Teams of 5 Ambulances with a Strike Team Leader
- Supplemental Medical Transport of Large-Scale Patient Movement Missions

Registered Nurse Strike Team

- Teams of 5 Nurses with a Strike Team Leader
- Augment Nursing Staff Shortages in Disasters that are Specialty Specific (ED, ICU, Burn, etc.)

Mass Fatality Operations Response Team

- Provide Assistance with Site, Morgue, Victim ildentification & Information Center Operations to Medicolegal Authorities in a Mass Fatality Incident

Infectious Disease Response Unit

- Deployable Pre-Hospital & Hospital Teams Capable of Caring for &/ Transporting a HCID Patient
- PPE Caches Pre-Positioned Across the State

Air Medical Strike Team

- Teams of 5 Air Ambulances with a Strike Team Leader
- Supplemental Medical Transport for Critical and Large-Scale Patient Movement Missions

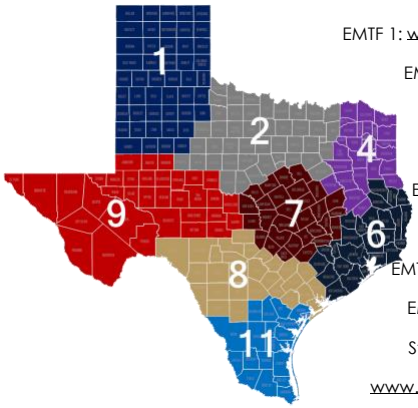
Wildland Fire Support Unit

- Dedicated Medical Response & Force Protection Teams & Assets for Firefighters Working Moderate- to Large-Scale Wildland Fires
- Covering the Fireline to Staging & Base Camps to Incident Command Posts

Tactical Medic Support Unit

- Dedicated Medical Support for Law Enforcement Entities During High Risk Incidents
- Specialized Teams of 2 Paramedics / APPs / Physicians & an ALS / MICU Ambulance

For more information, visit www.TXEMTF.org or contact your Regional Coordinator:



EMTF 1: www.PanhandleRAC.com

EMTF 2: www.NCTTRAC.org

EMTF 4: www.RAC-G.org

EMTF 6: www.SETRAC.org

EMTF 7: www.CATRAC.org

EMTF 8: www.STRAC.org

EMTF 9: www.BorderRAC.org

EMTF 11: www.CBRAC.org

State Coordinating Office:

www.TXEMTF.org #TXEMTF

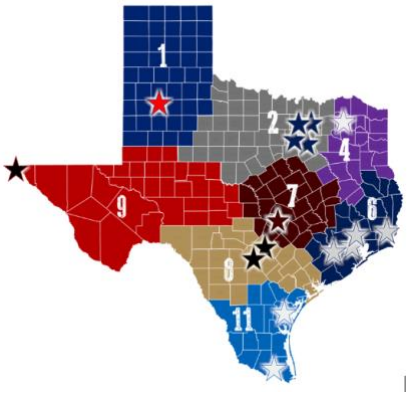
TEXAS Health and Human Services | Texas Department of State Health Services

Texas Emergency Medical Task Force

Component Overview

AMBUS / MPV

[Ambulance Bus / Multi-Patient Vehicle]

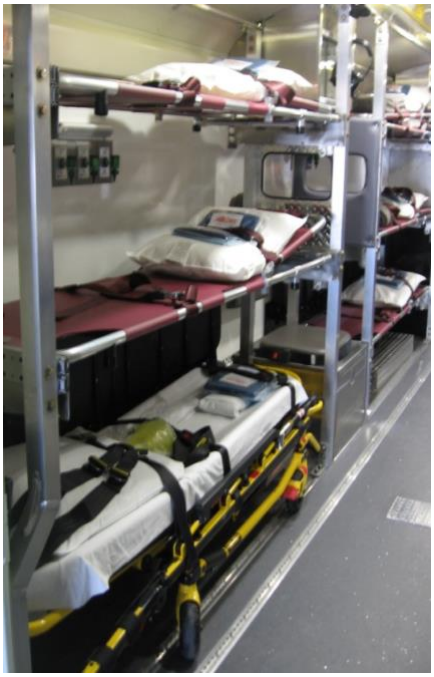


MISSION

- Primary mission is to provide advanced medical transport and evacuation services for a large-scale disaster.
- Secondary missions include responding to mass casualty incidents, incident support, firefighter rehabilitation, and other appropriate, like missions
- AMBUSs are incorporated into local & regional response plans in addition to being available for a state activation

CAPABILITIES

- 24/7 response capable, mobile intensive care capable, vehicle configurable to support up to [20-22] littered patients, or [24-30] seated patients, or a combination thereof [can support wheelchairs & isolets]
- Crew compliment is [6] with a minimum of [4] Paramedic care givers for state mission assignments.
  (Local / Regional staffing varies by host agency)
- The TX EMTF has [16] AMBUSs pre-positioned with host EMS/FD members



TYPING/STAFFING

- AMBUS:
  Custom ambulance, licensed *Specialty Vehicle*, Mobile Intensive Care Unit [MICU] with advance medical monitoring &equipment, integrated electrical, oxygen & communication systems
- Personnel / Asset Counts
  - [7] Personnel [State Mission Assignment]
    - [6] AMBUS Crew: [4] Paramedic minimum
    - [1] Strike Team Leader
    - Local/regional staffing varies by mission/host agency
  - [2] Vehicles
    - [1] AMBUS/MPV
    - [1] EMS CMD Vehicle

Texas Emergency Medical Task Force

Component Overview

AST & AMST

[Ambulance & Air Medical Strike Teams]

MISSION

- Primary mission is to provide medical transport & evacuation services during a large-scale disaster.
- Secondary missions include responding to mass casualty incidents, firefighter rehabilitation, incident support for all hazards, & other appropriate, like missions.
- Strike teams are incorporated into regional response plans in addition to being available for a state activation

CAPABILITIES

- 24/7 response capable, mobile intensive care / advanced / basic life support ambulances [based upon license & crew credentials]
- A Strike Team is comprised of 5 [ground or air] ambulances led by a Strike Team Leader in an EMS Command vehicle
- Over 300 EMS, Fire, & Air Medical Providers are TX EMTF members, deployable on behalf of the State of Texas
- Each of the [8] EMTF Regions recruits strike teams that provide 35+ deployable teams

TYPING/STAFFING

- Ground Ambulances:
  Basic Life Support [BLS]: minimum [2] emergency care attendants
  Advanced Life Support [ALS]: minimum [1] EMT-Intermediate & [1] EMT-Basic
  Mobile Intensive Care Unit [MICU]: minimum [1] EMT-Paramedic & [1] EMT-Basic
- Air Ambulances [Rotary/Fixed]:
  Mobile Intensive Care Unit [MICU]: minimum [1] EMT-Paramedic/ Registered Nurse/ Physician & [1] EMT-Basic; both solely dedicated to patient care

Personnel / Asset Counts

AST:

[11] Personnel
- [2] Medics/Ambulance
- [1] Strike Team Leader

[6] Vehicles
- [5] Ground Ambulances
- [1] EMS CMD Vehicle

AMST:

[11+] Personnel
- [2] Medics /Aircraft [+Flight Crew*]
- [1] Strike Team Leader

[6] Vehicles
- [5] Air Ambulances
- [1] EMS CMD Vehicle

*Flight Crew is aircraft specific

Texas Emergency Medical Task Force

Component Overview

MMU

[Mobile Medical Unit]

MISSION

- Augment & support the needs of a disaster impacted community with temporary healthcare infrastructure that is configurable to the incident.
- Primarily used for the initial triage, treatment, stabilization & transfer purposes but may be used for a variety of other missions. [the MMU is not intended for long term care]

CAPABILITIES

- 24/7 response asset providing care for a variety of acuity levels while providing triage, treatment, transfer, & or discharge.
- Physical assets to create a self-sufficient, tent & trailer based, field hospital or ER [based upon the number of beds needed].
- Medical equipment, supplies, & a pharmaceutical cache was specifically developed for the MMU.
- Over 175 Hospitals, Healthcare Systems, & Physician Groups provide the deployable team members who actively practice in an acute care setting every day.
- MMUs are pre-positioned in all [8] TX EMTF Regions.

TYPING/STAFFING

- Typing is dependent upon number of beds, mission duration, & number of patient beds.
- MMU's are typed in [6] scaled personnel & asset packages that range from a team of [5] for [4-8] beds for a single shift/day to a team of [36] for [32+] beds for multi-day, 24/7 operations.
- MMU teams are comprised of team members that are actively practicing in an acute care setting: Physicians, mid-level practitioners, nurses, paramedics, pharmacy & patient care technicians, clerks, communications/IT technicians, & logistics personnel

Personnel / Asset Counts

Staffing & asset profiles are based upon the number of patient beds & duration of patient care coverage needed

[32+] Bed MMU

Type I [operational 24/7]
[35-36] Personnel Team

Type II [operational 1 Shift/Day]:
[19] Personnel Team

Type I/II Asset Profile:
[6-9] MMU Assets; ~40,000ft$_2$ Site / Area
- MMU Tent Structure for 32+ Beds,
- 53' MMU Command Trailer
  - MMU Supply, Pharmacy, & Diagnostic Equipment Caches
- [2] Generators [60-125 kW]

Personnel Transport & Shelter

[12-16] Bed MMU

Type III [operational 24/7]
[20] Personnel Team

Type IV [operational 1 Shift/Day]:
[11] Personnel Team

Type III/IV Asset Profile:
[4-7] MMU Assets; ~22,500ft$_2$ Site / Area
- MMU Tent Structure for 12-16 Beds
- 36' MMU Command Trailer
  - MMU Supply, Pharmacy, & Diagnostic Equipment Caches
- [1] Generator [60 kW]

Personnel Transport & Shelter

[4-8] Bed MMU

Type V [operational 24/7]
[8] Personnel Team

Type VI [operational 1 Shift/Day]:
[5] Personnel Team

Type V/VI Asset Profile:
[2-3] MMU Assets; ~15,625ft$_2$ Site / Area
- MMU Tent Structure for 4-8 Beds / A Building of Opportunity
- 36' MMU Command Trailer
  - MMU Supply, Pharmacy, & Diagnostic Equipment Caches

Personnel Transport & Shelter

EMERGENCY MEDICAL TASK FORCE
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Texas Emergency Medical Task Force

Component Overview

RNST

[Nurse Strike Team]

MISSION

- To provide surge nursing staff for an Emergency Department or specialty area [ICU, burn unit, etc.] nursing staff, to a disaster inundated or impacted

CAPABILITIES

- Rapidly deployable, [24/7] statewide response asset
- A strike team is composed of [5] registered nurses able to augment a requesting facility's staffing with credentialed nursing staff.
  [Requested RNST will adhere to requesting facility's disaster credentialing processes & policies]
- Over 175 Hospitals & Healthcare Systems provide the deployable team members who are actively practicing clinicians.
- RNSTs are rostered in all [8] TX EMTF Regions.

Personnel / Asset Counts

[5] Personnel
- [5] Nurses
  - [1] Designated as a Strike Team Leader

[3] Vehicles

TYPING/STAFFING

- A strike team is staffed with 5 registered nurses of the same specialty with one team member designated as the Strike Team Leader.
- RNSTs are comprised of team members that are actively practicing in the team's designated clinical setting.
  - Current RNSTs include the following specialties:
    - Emergency Department
    - Internal Medicine/Surgical
    - Pediatrics
    - Labor & Delivery
    - Intensive Care Unit
    - Neonatal Intensive Care Unit
    - Burn Unit

Texas Emergency Medical Task Force

Component Overview

ASMT

[Ambulance Staging Management Teams]

MISSION

- Provide management & oversight of the Ambulance Staging Area during an incident.
- The ASMT is responsible for the facilities being utilized, for the accountability of all units & personnel in staging, & logistics support for the resources on site.

CAPABILITIES

- Rapidly deployable, 24/7 statewide response asset.
- The ASMT maintains a base camp that provides all the tracking, rehabilitation, & logistics needs for staged units & support personnel to include fuel, medical supplies, medical gas, food, water, hygiene, communications, & maintenance.
- ASMT personnel are selected from our EMS, Fire, & Hospital entities & received specialized training.
- Each of the [8] EMTF Regions recruits & rosters ASMT personnel.

TYPING/STAFFING

- Typing is dependent upon the number of units to be staged & the mission duration.
- Staging sites can be set up for a single operational period for [25] or fewer units with [2] personnel / scaled up to a multi-day, [500+] unit site managed by a team of [40] personnel.
- ASMTs are composed of the following positions:
  - Ambulance Staging Managers
    - Vehicle Staging Team Leaders
      - Vehicle Staging Technicians
    - Mission Tasking Team Leaders
      - Mission Tasking & Accountability Technicians
    - Administrative Team Leaders
      - Data Entry & Documentation Technicians
    - Logistics Team Leaders
      - Communications & Logistics Technicians

Personnel / Asset Counts

[500] Unit Staging Site

Type I [sustained 24/7 OPs]
[40] Personnel Team

Type I Asset Profile:
[20-25] ASMT Assets; ~350,000ft$_2$ Site / Area
- 53'-36' Command Trailer
- 40' Staging Support Unit: Check-in/out Trailer/CONEX, Support Cache, Skid Steer, Cones
- [2-4] Generators [60-200 kW]; [8-12] Light Towers
- [2-4] All Terrain/Utility vehicles
- ADMIN, Parking, & COMM Packages
- ASMT Personnel Transport

~1300 Responders Shelter

[250] Unit Staging Site

Type II [sustained 24/7 OPs]
[26] Personnel Team

Type II Asset Profile:
[15-20] ASMT Assets; ~200,000ft$_2$ Site / Area
- 53'-36' Command Trailer
- 40' Staging Support Unit: Check-in/out Trailer/CONEX, Support Cache, Skid Steer, Cones
- [2] Generators [60-200 kW]; [6-8] Light Towers
- [2-3] All Terrain/Utility vehicles
- ADMIN, Parking, & COMM Packages
- ASMT Personnel Transport

~650 Responders Shelter

[125] Unit Staging Site

Type III [sustained 24/7 OPs] / [single OP]:
[14] Personnel Team. / [6] Personnel Team

Type III Asset Profile:
[10-18] ASMT Assets; ~100,000ft$_2$ Site / Area
- 53'-36' Command Trailer
- 40' Staging Support Unit: Check-in/out Trailer/CONEX, Support Cache, Skid Steer, Cones
- [2] Generators [60-200 kW]; [4-6] Light Towers
- [2] All Terrain/Utility vehicles
- ADMIN, Parking, & COMM Packages
- ASMT Personnel Transport

~330 Responders Shelter

[25] Unit Staging Site

Type IV [sustained 24/7 OPs] / [single OP]:
[6] Personnel Team / [3] Personnel Team

Type IV Asset Profile:
[7-12] ASMT Assets; ~30,000ft$_2$ Site / Area
- 36' Command Trailer
- [1] Generators [60kW]; [2-4] Light Towers
- ADMIN, Parking, & COMM Packages
- ASMT Personnel Transport

~100 Responders Shelter

Texas Emergency Medical Task Force

Component Overview

MIST

[Medical Incident Support Teams]

MISSION

- Trained acute healthcare leadership providing Health and Medical subject-matter expertise & support to local jurisdictions, healthcare facilities & local health care infrastructure during disasters.

CAPABILITIES

- Rapidly deployable, 24/7 statewide response asset.
- MIST deploy to impacted emergency & medical operations centers, & DDCs to provide integrated ESF-8 [Public Health & Medical] support to authorities, government agencies, hospitals, & state, regional, / local response partners during incidents.
- MIST personnel are selected & received specialized training. TX EMTF MIST members come from the leadership of EMS, Fire, & Hospital member entities.
- Each of the [8] EMTF Regions rosters MIST personnel.

TYPING/STAFFING

- Staffing is based upon personnel needs by location & are typed as teams of [2] or [6] personnel, [1] of which is designated as the Team Leader.
- MIST personnel come from all component & mission profiles to cover the full spectrum of ESF-8 activations the TX EMTF responds to.
    - Specialized components / mission profiles include but are not limited to:
        - TX EMTF Overhead Team staff
        - Incident command posts & emergency & medical operations center liaisons / support
        - Wildland fire support
        - Hospital, nursing home, / assisted living center evacuations
        - Infectious disease response
        - Mass fatality response, etc.

Personnel / Asset Counts

Type I:
[6] Personnel
[1] MIST Leader
[5] MIST
[3-4] Vehicles
EMS CMD / SUV type
COMM Package
Remote Office Package

Type II:
[2] Personnel
[1] MIST Leader
[1] MIST
[1-2] Vehicles
EMS CMD / SUV type
COMM Package
Remote Office Package

Texas Emergency Medical Task Force

Component Overview

TMORT

TEXAS MASS FATALITY OPERATIONS RESPONSE TEAM

MISSION

- Provide operational assistance to medicolegal authorities with incident site, deployable morgue, victim identification center, & victim information center operations following a mass fatality incident that overwhelms a local jurisdiction.

CAPABILITIES

- Available statewide as an activated, 24/7 response asset
- TMORT is composed of [4] teams that can deploy independently or all at once on behalf of the State:
  - **Incident Site Team (IST)**: Conduct scene investigations to locate, document, & recover human remains & personal effects. Staffing: Human Remains Recovery, Mapping, & Evidence Tracking Specialists
  - **Morgue Operations Team (MOT)**: Conduct disaster morgue operations to examine human remains. Staffing: Admitting, Triage, Storage, Personal Effects, Photographers, Radiographers, Pathologists, Autopsy Assistants, Dentists, Anthropologists, DNA & Fingerprint Specialists, & Exit Review. [Disaster Portable Morgue Unit is maintained by SETRAC in Houston]
  - **Identification Review Team (IRT):** Compares antemortem & postmortem data to identify human remains. Staffing: Dependent on the ID methods used, & could include Anthropologists, DNA Scientists, Fingerprint Analysts, Pathologists, Odontologists, &/or Death Investigators.
  - **Victim Information Center Team (VICT):** Conducts family interviews, gathers antemortem data, & collects DNA samples. Staffing: Family Interviewers, Records Collection & Management, Personal Effects, & DNA Reference Collectors.
  - TMORT will collaborate with jurisdictions in the set-up of Family Assistance Centers [FAC] however, FAC staffing & operations are the jurisdiction's responsibility.
- Medical examiners' offices, academic institutions, & private entities provide the deployable team members for the TMORT.

TYPING

- Matrix for determining TMORT team requests: [scaled & typed by fatality count & incident variables]

Type I	Type I	Type II	Type II	Multiple Locations
Type I	Type I	Type II	Type III	Contaminated
Type I	Type I	Type II	Type III	Charred
Type I	Type I	Type II	Type IV	Fragmented, Commingled
Type I	Type II	Type III	Type IV	Intact, Visually Recognizable
Est. 100 fatalities	Est. 50 fatalities	Est. 25 fatalities	Est. 10 fatalities	

Personnel / Asset Counts

Staffing & asset profiles are typing dependent. Each team has [4] scaled teams typed.

Type I Teams:
IST: [25] Personnel / [8-14] Assets
MOT: [41] Personnel / [8-13] Assets
IRT: [7] Personnel / [2-3] Assets
VICT: [29] Personnel / [6-7] Assets

Type II Teams:
IST: [17] Personnel / [7-13] Assets
MOT: [28] Personnel / [7-11] Assets
IRT: [5] Personnel / [2-3] Assets
VICT: [16] Personnel / [4-5] Assets

Type III Teams:
IST: [15] Personnel / [4-9] Assets
MOT: [21] Personnel / [5-9] Assets
IRT: [5] Personnel / [2-3] Assets
VICT: [10] Personnel / [2-4] Assets

Type IV Teams: all teams
[1-2] Personnel / [1] Asset

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Texas Emergency Medical Task Force

Component Overview

IDRU

[Infectious Disease Response Unit]

MISSION

- Augment & support the needs of the hospital and regional emergency healthcare system with the care, transport, & or transfer of patients with a high consequence infectious disease [HCID].

CAPABILITIES

- Rapidly deployable, 24/7 statewide response asset.
- IDRU teams staffed with qualified pre-hospital & hospital providers with specific training to state-wide standard PPE caches, capable of caring for & transporting a patient with a HCID anywhere in the state.
- Caches pre-positioned in all [8] TX EMTF Regions:
  [8] Pre-Hospital Transport Caches; [1] in each TX EMTF Region
  [13] Hospital Augmentation Support Caches
    [8] 24-HR Caches; [1] in each TX EMTF Region
    [4] 72-HR Caches; in El Paso, Arlington, San Antonio, & Houston
    [1] 10-Day Cache; in San Antonio

TYPING/STAFFING

- IDRU Hospital Augmentation, EMS Transport, & Cache Management teams are comprised of:
  - Pre-Hospital Transport Team:
    Group Supervisor, Medical Incident Support Team [MIST], Physician, Paramedics, & EMTs, HAZMAT Technicians *
  - Hospital Augmentation Team:
    Group Supervisors, Medical Incident Support Team [MIST], Physicians, Registered Nurses, Paramedics, & Logistics Specialists *
  - Cache Management Team:
    Medical Incident Support Team [MIST], Logistics Specialists, & IDRU PPE Trainers
    * Respiratory Technicians & Infectious Disease subject matter experts will be available virtually & to respond as requested
- ALL IDRU team members, at a minimum, attend TX EMTF IDRU Didactic training.

Personnel / Asset Counts

Pre-Hospital Transport Team:
[14] Personnel / [9] Assets
Nearest Transport Cache
[1] HAZMAT Vehicle w/DECON capability
[2] ALS/MICU Ambulances
[2] EMS CMD Vehicles
[2] Personnel Transport Vehicles
[1] Box Truck

Hospital Augmentation Team:
[16] Personnel / [7] Assets
Nearest 24-HR Hospital Augmentation Cache;
72-HR Cache on ALERT;
10-Day Cache on STANDBY
[1] MIST/CMD Vehicle
[4] Personnel Transport Vehicles
[1] Box Truck

Cache Management:
[6] Personnel / [3] Assets
[1] MIST/CMD Vehicle
[1] Personnel Transport Vehicle
[1] Box Truck

Texas Emergency Medical Task Force

Component Overview

WLFS*

[Wildland Fire Support Unit]

MISSION

- Provide dedicated medical response & force protection teams & assets for firefighters responding to moderate to large scale wildland fires.
  - Integrated teams & assets from the fire-line to staging & base camps to incident command posts.

CAPABILITIES

- A suite of teams & assets, both new & pre-existing, support the WLFS mission;
  - Pre-existing TX EMTF components that support this mission: AMBUSs, Ambulance Strike Teams [air (AMST) & ground(AST)], Medical Incident Support Teams [MIST], & Mobile Medical Units [MMU]
  - WLFS elements specific to this component: Wildland Paramedic Units [WPU]; Rapid Extraction Module [REM]
  - Medical Unit Leader [MEDL] cross-trained MIST

TYPING/STAFFING

- **Wildland Paramedic Units [WPU]:**
  - [2] Paramedics, mobile [4X4 SUV&/ATV], ALS capable
  - WPUs operate just behind the fire-line, in close proximity to working fire crews to provide rapid ALS level care to firefighters
  - S-130 & S-190 qualified w/ appropriate Wildland Fire PPE
- **Rapid Extraction Module [REM]:**
  - [4] Rescue Technician Paramedics, ALS capable, mobile [4X4 SUV&/ATV] with technical rescue gear
  - REMs operate near the fire-line, in close proximity to working fire crews in rough terrain to facilitate rapid access, extraction, & care for injured/ill firefighters
  - S-130 & S-190 qualified w/ appropriate Wildland Fire PPE, Rope Rescue Technician, & S-270 & S-271
- **Medical Unit Leader [MEDL]:**
  - MIST w/ wildland fire experience
  - MEDLs operate in operations centers and incident command posts assisting & coordinating the incident Medical Plan
  - S-359 Medical Unit Leader training

WLFS is a developing component

Personnel / Asset Counts

Staffing & asset profiles are based upon the number of responders, duration of the operational periods, & size, scope, & characteristics of the incident

WPU: [2] Paramedics
[1-2] Vehicles
[1] EMS CMD Vehicle [4X4]
[1] All-Terrain Vehicle

REM: [4] Rescue Tech Paramedics
[2-3] Vehicles
[1-2] EMS CMD Vehicle [4X4]
[1] All-Terrain Vehicle

MEDL: [2] MIST members
[1-2] Vehicles
[1-2] EMS/SUV CMD Vehicle