

# TACTICAL EMS

## A Mission of Growth

**Trauma Care 2009**

Grant Medical Center

November 10, 2009

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# Definition and Purpose of Tactical EMS

- Non-military EMS that has been modified for the realities of the austere environment
- TEMS provides an avenue to deliver the spectrum of services necessary to establish and maintain the health, welfare, and safety of all individuals within a tactical environment

# Specialized Need for Tactical EMS

- Violent or potentially violent crime scenes
- Disasters
- Gatherings involving a large number of people
- Emergent medical care within an austere environment
- Routine medical support during extended missions

# Firearms are not the Focus

- Care and service to civilians
- Care and service to perpetrators
- Care and service to law enforcement officers
- Achieved with specialized **TEMS** (tactical EMS) units and **SRTs** (special response teams)





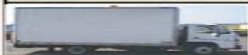

# Altered Standards of Care



# TTJD





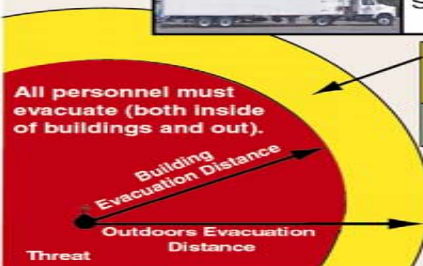
## Terrorist Bomb Threat Stand-Off

THREAT	THREAT DESCRIPTION	EXPLOSIVES CAPACITY <sup>1</sup> (TNT EQUIVALENT)	BUILDING EVACUATION DISTANCE <sup>2</sup>	OUTDOOR EVACUATION DISTANCE <sup>3</sup>
	PIPE BOMB	5 LBS/ 2.3 KG	70 FT/ 21 M	850 FT/ 259 M
	BRIEFCASE/ SUITCASE BOMB	50 LBS/ 23 KG	150 FT/ 46 M	1,850 FT/ 564 M
	COMPACT SEDAN	500 LBS/ 227 KG	320 FT/ 98 M	1,500 FT/ 457 M
	SEDAN	1,000 LBS/ 454 KG	400 FT/ 122 M	1,750 FT/ 534 M
	PASSENGER/ CARGO VAN	4,000 LBS/ 1,814 KG	640 FT/ 195 M	2,750 FT/ 838 M
	SMALL MOVING VAN/DELIVERY TRUCK	10,000 LBS/ 4,536 KG	860 FT/ 263 M	3,750 FT/ 1,143 M

This card supersedes any previous undated versions 11/99



THREAT	THREAT DESCRIPTION	EXPLOSIVES CAPACITY <sup>1</sup> (TNT EQUIVALENT)	BUILDING EVACUATION DISTANCE <sup>2</sup>	OUTDOOR EVACUATION DISTANCE <sup>3</sup>
	MOVING VAN/ WATER TRUCK	30,000 LBS/ 13,608 KG	1,240 FT/ 375M	6,500 FT/ 1,982 M
	SEMI-TRAILER	60,000 LBS/ 27,216 KG	1,570 FT/ 475 M	7,000 FT/ 2,134 M



All personnel must either seek shelter inside a building (with some risk) away from windows and exterior walls, or move beyond the Outdoor Evacuation Distance.

Preferred area (beyond this line) for evacuation of people in buildings and mandatory for people outdoors.

- <sup>1</sup> Based on maximum volume or weight of explosive (TNT equivalent) that could reasonably fit in a suitcase or vehicle.
- <sup>2</sup> Governed by the ability of an unstrengthened building to withstand severe damage or collapse.
- <sup>3</sup> Governed by the greater of fragment throw distance or glass breakage/falling glass hazard distance. Note that pipe and briefcase bombs assume cased charges which throw fragments farther than vehicle bombs.

# Benefits of a Designated TEMS/SRT Provider in Ohio

- Defined scope of practice
- Defined training requirements
- Defined continuing education needs
- Reciprocity throughout Ohio
- Invaluable asset for Ohio's law enforcement agencies and communities
- Nurtures statewide interoperability of TEMS units and SRTs

# Benefits of a Designated TEMS/SRT Provider to the Community

- Primary source of emergent medical services in an austere environment
- Occupational health support during missions (especially extended ones)
- TEMS presence is becoming a standard during elective tactical missions for many law enforcement agencies
- May potential reduce workplace/BWC insurance premiums and costs

# The Dream

- Creation of a EMT-Tactical (EMT-T) provider level
- Creation of a specific tactical EMS curricula
- Development of minimum equipment and personnel gear requirements
- Enhanced eligibility for federal and state funding for TEMS

# Building Blocks

- Core Content
- Scope of Practice
- Education Standards
- Testing Standards
- Credentialing Standards

# TEMS Subcommittee Actions

- Initial focus will be the creation of a TEMS provider status for the EMT-Paramedic
- Scope of Practice
- Course curriculum
- TEMS Medical Director Qualifications
- Opportunities for TEMS testing

# Important Next Steps

- Creation of a “grandfathering” path with possible bridge materials
- Legislation and/or regulation
  - Certification and recertification requirements
  - Scope of Practice
  - Immunity
  - Medical Director Qualifications
- Consideration of the creation of additional advanced practice paramedic specialties



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