

# EMS Operations

## Final Exam

Which of the following documents details the regulation regarding ambulance design?  
**DOT KK 1822E specs**

Which of the following best describes peak load?  
**The highest volume of calls at a given time**

When is a spotter used?  
**When you are moving the unit in reverse**

Most state rules regarding ambulance supplies tend to regulate which of the following types of standards?  
**Minimum**

Which of the following refers to the equipment and supplies required on every ambulance?  
**Essential equipment**

Which of the following items would not typically be seen on a vehicle/equipment checklist?  
**Crew members' appearance rating**

Which of the following best describes the danger in using an escort to or from?  
**A gap can open between the vehicles, which can confuse drivers and cause a collision**

How often should a thorough check of equipment on the ambulance be made?  
**Beginning of every shift**

Which of the following was identified by data from New York State as the most common type of crash involving a ambulance?  
**Lateral impact at a controlled intersection with no weather issues**

Acceptable landing zone size and condition?  
**100 ft. X 100ft , Flat as possible, Little/no slop**

You have been dispatched to assist a BLS unit on a size about 10 miles outside of town. Its a 55 y/o female involved in a single-vehicle crash. Her BP is 90/60, HR 120, RR 20. She has multiple significant injuries. You are 15 min by ground to a Level 1 Trauma center. That center does have a heli. What's your best action?

**Don't call a helicopter, bc by the time it would arrive you would almost already be at the hospital.**

Which of the following pieces of info should an EMT/Paramedic on the scene be able to convey to the incoming helicopter?

**A description of well-known landmarks**

Which of the following is the general rule for setting up the dimensions of a helicopter landing zone?

**100 feet x 100 feet**

What type of flight rules can be characterized by the pilot(s) relying almost exclusively on line of sight?

**Visual flight rules**

Which of the following refers to the type of ambulance with a standard van chassis?

**Type II**

Which of the following configuration(s) have been used for a critical care transport team?

**All of the answers are correct**

Which of the following factors should you allow to determine your driving speed when responding on a call?

**Due regard, not letting external factors cause you to become reckless**

What is the most common flight team configuration for air transport systems?

**Paramedic/nurse**

Fixed-wing aircraft are typically used for transports exceeding which distance in miles?

**100**

What is the most commonly utilized aircraft for aeromedical transport systems?

**Rotor wing**

What is the name of the organization charged by Congress to investigate every civil aviation accident in the United States and significant accidents in the other modes of transportation?

**National Transportation Safety Board**

When are you allowed to approach a helicopter?

**When you are signaled by one of the crew members**

Why is it important to secure all equipment and tubing and bundle the patient in when preparing to load the patient into the aircraft?

**To avoid equipment from being pulled into the rotors**

What is a general safety rule when working around helicopters?

**Do not wear a hat?**

Which of the following best describes the concept of due regard?

Terminology in statutes that sets up a higher standard for emergency drivers

Which mode of flight navigation requires the pilot to use instrumental abilities to fly the aircraft?

**IFR**

All of the following were listed by NIOSH as contributing factors to fire fighter line-of-duty deaths except:

**Buildup of natural fuels.**

Which definition best describes System Status Management?

**A computerized deployment system**

During which of the following conflicts were patients evacuated from the battlefield to Mobile Army Surgical Hospital (MASH) units and battalion aid stations for emergency medical and surgical care.

**Korean War**

A team with years of experience still cannot function if it cannot:

**Communicate effectively**

The process of correcting information about events that have been innaccurately recorded is \_\_\_\_\_.

**Debunking**

Which of the following agencies became involved with setting ambulance standards due to an increased awareness of infectious disease and hazardous materials?

**OSHA**

Which one of the following actions is appropriate when using a helicopter on the scene of an emergency?

**Approach from the side or front**

The act of taking responsibility, being answerable and blameworthy for actions taken with the expectation of being called to account is

**Accountability**

What is the foundation of open communication?

**Organizational culture**

Erika is a new Paramedic at a local EMS service. She was taught to always wear gloves while attempting IV access on a patient. During a call, her Paramedic Training Officer (who has 20 years experience) says, Nah, dont worry about wearing gloves. Thats just what they teach ya in school!" This would be an example of \_\_\_\_\_.

**Cognitive dissonance**

Moving ambulances around to certain geographical areas based on the call volume of a given area during that exact time of day.

**System Status Management**

Which of the following factors would be least influential in determining the appropriateness of transporting a patient by fixed or rotor wing aircraft?

**The mechanism by which the flight will be paid for**

Situational awareness can be defined as:

**Being aware of what is happening around you**

A fatality to an emergency worker that occurs during the course of responding to, training for, or providing service to the public is called a:

**Line-of-duty death**

A 24 year old male patient is entrapped in a vehicle following a serious motor vehicle collision. It appears that it will take at least 30 minutes to extricate the patient from the vehicle. His vehicle has rolled down an embankment which is making access to the patient very difficult. Several supervisors and paramedics collaborate and form a gameplan on how to safelymanage this patient while the fire department extricates him. This is a good example of the EMS personnel utilizing

**Humanware**

Which industry first developed and implemented CRM?

**Airlines**

A rookie firefighter who is exposed to aggressive hazing during his first year of active duty will most likely \_\_\_\_\_.

**Fail to openly communicate during a serious event.**

An organizations culture is heavily influenced by the stories associated with past events, future plans, and \_\_\_\_\_.

**Personal behaviors**

What is the name given to a state of mental tension that exists when a person simultaneously holds or hears ideas, attitudes, or beliefs that are psychologically inconsistent or contradictory?

**Cognitive dissonance**

Which of the following best describes the role of the safety officer in the incident management system?

**Monitor all on-scene actions for potential hazards**

What is your top priority at a multiple-casualty incident?

Question options:

**Life safety**

For which of the following purposes was the Incident Command System designed?

**To control, direct, and coordinate resources**

Which of the following types of command would be best to implement in a multijurisdictional incident?

**Unified**

Which of the following is the only acceptable technique for airway management during triage?

**Manual airway opening**

Which of the following best describes scene size-up?

**A quick assessment of the incident type and any immediately obvious hazards**

Which of the following provider levels should be trained in triage techniques?

**All levels**

When transferring command, which of the following must be done?

**A face-to-face transfer**

The key to smooth, safe rescue operations is:

**Standard operating procedures**

Which of the following is the most common type of rescue?

**Motor vehicle collisions**

Which of the following should be standard personal protective equipment on all ambulances for rescue operations?

**Helmets meeting NFPA standards**

In which of the following locations would you find a firewall in an automobile?

**Between the engine compartment and the passenger compartment**

Which of the following types of gloves is the best suited for rescue operations?

**Leather**

You are on the scene of a bus rollover on a rural interstate. A person states that he is a volunteer at an out-of-state fire department and that the worst patient is over there. He