



New Jersey State First Aid Council, Inc.

EMS Council of New Jersey

2040 Millburn Avenue, Suite 102-1
Maplewood, New Jersey 07040



Ambulance Inspection

Date of inspection _____

License plate _____

Agency _____

VIN _____

Vehicle # _____

Odometer _____

All items listed must be present and in good working order.

General Vehicle Requirements

- P F 1. Valid MVC Inspection Sticker (exp. date: _____) **(Critical)**
- P F 2. Valid MVC Registration (exp. date: _____) **(Critical)**
- P F 3. Valid Insurance (exp. date: _____) **(Critical)**
- P F 4. All seats have approved seatbelts. **(Critical)**
- P F 5. Windshield and all windows intact. **(Critical)**
- P F 6. Heater and Air Conditioning systems working properly. **(Critical)**
- P F 7. All door and window gaskets in good condition and free of cracks, cuts, or other damage. **(Critical)**
- P F 8. MDT not in Airbag Deployment Zone and locked, if applicable.
- P F 9. No active warning lights on instrument display **(Critical)**.
- P F 10. "No Smoking" signs shall appear in both the patient and driver's compartments that clearly indicate that smoking is prohibited anywhere in the vehicle. **(Critical)**
- P F 11. At least 1 child restraint system for transporting a pediatric patient. **(Critical)**
- P F 12. 50 Disaster Triage Tags. **(Critical)**
- P F 13. Current U.S.D.O.T. Guidebook for Initial Response to Hazardous Material Incidents. **(Critical)**

Vehicle Markings

- P F 1. Recognition number on each side of the vehicle and rear
- P F 2. "Pediatric Assessment Chart" in the patient compartment. **(Critical)**

Standard Safety Equipment and Warning Devices (Critical)

- P F 1. All items stored in a crashworthy manner.
- P F 2. Any seat with under-seat storage must have a positive latching mechanism to hold the seat closed.
- P F 3. All cabinet doors, except a sliding door, have a positive latching mechanism to hold the door securely closed to prevent the contents of the cabinet from pushing the door open.
- P F 4. No protruding edges. Corners shall be rounded or covered with a padded material on the interior surfaces of the vehicle.
- P F 5. The ceiling shall be finished with a padded material or with a flat, even and unbroken surface.
- P F 6. Supplies stored in cabinets shall either be clearly visible through the door of the cabinet or identifiable by a way of a list of contents posted on the cabinets.
- P F 7. Bench seats manufactured on or after vehicle July 1, 2002, shall have a passive barrier at the forward end of the bench.
- P F 8. Vehicle equipped with emergency warning lights and a siren.
- P F 9. Three portable red reflective emergency road triangles or three battery operated flashers.
- P F 10. One working flashlight
- P F 11. One fire extinguisher, U.L. rated at least 2A 10BC or 3A 40BC. The extinguisher shall have a valid inspection tag indicating that it is fully charged. The fire extinguisher shall be securely mounted in a bracket on the wall, floor, or ceiling.
- P F 12. At least 1 spotlight, which may be handheld.

Sanitation (Critical)

- P F 1. The interior of the vehicle, including all areas utilized for storage, and the equipment and supplies within the vehicle shall be kept clean and sanitary.
- P F 2. The floors, walls, and equipment shall be free of stains, dirt, debris, odors, and insect infestation.
- P F 3. Blankets, pillows, and mattresses shall be kept clean and in good repair. All pillows and mattresses shall have protective, waterproof, and stain-resistant covers.
- P F 4. Clean linens shall be utilized in the transport of stretcher patients.
- P F 5. There shall be adequate, clean, dustproof storage for clean linens.
- P F 6. Plastic bags and/or covered containers or compartments shall be provided and shall be utilized for all soiled supplies (including linens and blankets) carried within the vehicle.

Patient Compartment Dimensions and Requirements

- __P __ F 1. Manufacturer certifies the vehicle to meet current KKK-A-1822 specification (Decal must be in the vehicle or outside compartment). **(Critical)**
- __P __ F 2. Vehicle has a distinct patient compartment. The patient compartment shall be separated from the driver's seating area by a bulkhead or partition, which may include a passageway. **(Critical)**
- __P __ F 3. Patient compartment has both curbside and rear doorways. The curbside doorway shall be within the front half of the vehicle. **(Critical)**
- __P __ F 4. Each patient compartment doorway shall be capable of being opened and utilized from both inside the patient compartment and from the exterior of the vehicle, using a standard automotive industry door handle. **(Critical)**
- __P __ F 5. The patient compartment shall be equipped with two seats, one of which shall be at the head of the required patient stretcher and facing rearward with 25 inches of unobstructed space at the head of the primary patient, measured from the backrest of the rearward-facing seat to the nearest edge of the stretcher. The other shall be alongside the patient litter, with an aisle at least 10 inches wide next to the required patient stretcher.
- __P __ F 6. Each doorway opening shall be at least 28 inches wide and at least 44 inches high. **(Critical)**
- __P __ F 7. There shall be a window in each door of the patient compartment. Rear windows shall be fixed and non-opening.
- __P __ F 8. Patient compartment shall be equipped with two seats, one of which shall be at the head of the required patient litter and face rearward, and the other of which shall be alongside the patient litter.
- __P __ F 9. Patient compartment shall be equipped with a built-in lighting system utilizing white or clear lenses. The lighting system shall not interfere with the driver's vision and shall be located so that glare is not reflected into the driver's eye or line of vision. **(Critical)**
- __P __ F 10. Patient compartment shall be at least 54 inches in height between the floor and the ceiling when measured at, or near, the center of the patient compartment.
- __P __ F 11. Patient compartment shall be at least 54 inches wide between the vehicle interior sides when measured at any point 52 inches above the floor. The width of the cabinets, etc., shall be included in all measurements.
- __P __ F 12. Patient compartment shall be at least 116 inches in length between the interior surface of the rear door and the surface of the bulkhead partition when measured at floor level.
- __P __ F 13. There shall be a minimum of 10 inches from the rear edge of the mattress on the stretcher to the rear loading doors.

Basic Equipment and Supplies (Critical)

- __P__F 1. A diaphragm-type stethoscope
- __P__F 2. An aneroid-type blood pressure manometer and once each adult size cuff, large adult size cuff, and pediatric size cuff
- __P__F 3. At least 4 oropharyngeal airways, consisting of one each in large adult, adult, pediatric, and infant sizes.
- __P__F 4. 2 fluid ounces (60mL) of glucose in a form easily ingested by mouth.
- __P__F 5. 2 cloth blankets and 2 cloth or disposable sheets
- __P__F 6. 2 penlights/ Small flashlights suitable for patient examination
- __P__F 7. 2 sets of eye protection or goggles, in addition to any set utilized in the obstetrical emergency delivery kit.
- __P__F 8. 4 towels
- __P__F 9. At least 4 "biohazard" type bags are utilized for disposal of untreated regulated medical waste.
- __P__F 10. Respiratory protection masks that are effective in filtering airborne pathogens and at least one box of single-use personal protective gloves that do not allow blood or other potentially infectious material to pass through.
- __P__F 11. 2 sets of personal protective isolation garments, including gowns and masks.
- __P__F 12. Automatic External Defibrillator
- __P__F 13. 2 sets of protective multi-use jackets that are both fire and tear-resistant, as well as two sets of gloves, head, and eye protection.

Wound Dressing and Burn Treatment (Critical)

- __P__F 1. 12 conforming roller bandages measuring at least 3 inches wide by 5 yards long.
- __P__F 2. 12 triangular bandages (cravats) measuring at least 36 inches by 36 inches by 51 inches when unfolded.
- __P__F 3. 4 sterile, individually wrapped universal (or multi-trauma) dressings measuring at least 9 inches by 30 inches when unfolded.
- __P__F 4. 24 sterile, individually wrapped gauze pads measuring at least 4 inches by 4 inches.
- __P__F 5. 2 rolls of medical adhesive type
- __P__F 6. 4 sterile individually wrapped occlusive dressings or 1 sterilized roll of aluminum foil.
- __P__F 7. 2 sterile, individually wrapped burn sheets.
- __P__F 8. 1-liter sterile saline solution in a plastic container (for flushing injury sites). The saline solution shall be fresh and not expired.
- __P__F 9. Trauma or bandage scissors.

Oxygen Administration (Critical)

P F 1. Each BLS ambulance shall be equipped with both an installed and portable oxygen system, as well as one reserve oxygen cylinder with a capacity of at least 300 liters.

P F 2. Each oxygen system shall be capable of delivering oxygen to the patient at a rate of at least 15 liters per minute during the entire time the patient is on board.

P F 3. Each oxygen system shall have an oxygen flowmeter. Each flow meter shall have a gauge or dial with a range of at least 0 to 15 liters per minute in calibrated increments. The flowmeter on the portable system shall not be gravity dependent.

P F 4. Each oxygen cylinder shall:

- Contain only medical grade oxygen.
- Be color-coded green.
- Be contained in the U.S. Department of Transportation (U.S.D.O.T.) approved cylinder that has a valid hydrostatic testing date on it. Hydrostatic testing must be done every 5 years unless the bottle is marked with a 5-pointed star then hydrostatic testing must be done every 10 years.
- Be tagged ("Full," "In Use," "Empty") or have a pressure-indicating gauge attached to the cylinder.

P F 5. Installed oxygen system shall be capable of safely storing and supplying a minimum of 3,000 liters of medical oxygen [MM (37.5" height) or H (55" height) size oxygen tank]

- Cylinder controls shall be accessible from inside the vehicle.
- Cylinder opening handles or wrenches shall be affixed to, or shall be chained and clipped with, the oxygen cylinder.
- Installed oxygen cylinders shall be retained in an oxygen tank holder certified by the manufacturer to comply with AMD Standard 003-Oxygen Tank Retention System.

P F 6. Portable oxygen system shall be capable of safely storing and supplying 300 liters of medical oxygen.

- Cylinder opening handles or wrenches shall be chained to the regulator or affixed to the cylinder.
- All oxygen storage arrangements shall comply with applicable provisions of Federal Specifications for Ambulance, KKK-A-1822.

P F 7. At least 5 nasopharyngeal airways in assorted sizes, and a water-soluble lubricant for utilization with the airways

P F 8. A bag-valve-mask device with at least one adult, pediatric, and infant. Each device shall:

- be a self-refilling bag without sponge rubber.
- has a "pop-off" valve shall be a device to easily defeat the valve.

P F 9. 3 transparent domed resuscitation facemasks (1 each large adult, medium adult, and pediatric size) with 22mm fitting.

P F 10. 3 adult, single service, non-rebreathing valve inhalation masks with an oxygen reservoir.

P F 11. 2 adult, single service, nasal cannulas.

Aspirator and Suction Equipment (Critical)

P F 1. 1 installed aspirator, which is powered by the vehicle's electrical system and shall be securely mounted and located so as to allow easy access for aspiration of any stretcher-bound patient.

For ambulances manufactured prior to January 1, 2027, a second portable aspirator capable of a minimum of 30 minutes of run-time may be substituted for the installed aspirator. (Y N this substitution was made)

P F 2. 1 portable aspirator powered by an integral battery.

P F 3. Each aspirator shall be equipped with a non-breakable collection bottle.

P F 4. Each aspirator shall be equipped with at least three feet of transparent or translucent non-collapsible suction tubing with an interior bore of at least 1/4 inch.

P F 5. 1 Yankauer-type suction instrument

P F 6. 8 suction catheters for aspiration, in not less than four assorted adult and pediatric sizes. At least one catheter shall be a size "8," and one shall be a size "18"

P F 7. 1 infant bulb syringe, in addition to the one carried in the obstetrical kit.

Patient Transport Devices (Critical)

P F 1. A wheeled patient litter for the transport of stretcher-bound patients.

- The litter shall be at least 72 inches long (when flat) and at least 20 inches wide.
- The litter shall have a commercially manufactured stretcher mattress.
- The litter and mattress shall be adjustable from a flat to a semi-sitting position.
- The litter shall be adjustable from a minimum height of 9 to 18 inches to a maximum height of 33 to 40 inches measured to the top of the mattress.
- The litter shall have at least three sets of 2-inch-wide patient restraints with quick-release buckles positioned at the chest, waist, and knees. The quick-release buckles may be of the "slide through" or "metal to metal" type.

P F 2. A portable stretcher for the safe transport of stretcher-bound patients up and down flights of stairs

- The stretcher may be of the Reeves® type, folding type, or the combination stretcher/stair chair type;
- The litter shall have at least three sets of 2-inch-wide patient restraints with quick-release buckles positioned at the chest, waist, and knees. The quick-release buckles may be of the "slide through" or "metal to metal" type. (Reeves® type stretcher may have other types of buckles).

P F 3. A portable stair chair for the safe transport of patients up and down flights of stairs

- A combination stretcher/stair-chair device shall be sufficient to meet this requirement.

P F 4. When the vehicle is in motion, all occupied litters and stretchers shall be restrained by a litter fastener. The litter fastener shall be certified by the manufacturer to comply with AMD Standard 004-Litter Retention System in effect at the time of manufacture.

P F 5. Velcro closures shall not be utilized.

Spine Boards, Orthopedic Litter and Splints (Critical)

P F 1. 1 long spine board made of impervious, inflexible material 72 inches long by 16 inches wide

- associated strap holes and full-length 3/4-inch runners or another configuration that protects the crewmember's hands from injury during patient movement.

P F 2. A commercially available vest-type upper spinal immobilization device approved by the FDA for utilization by EMTs.

P F 3. 4 straps, minimally measuring 2 inches wide by 6 feet long with quick-release type metal buckles or spider straps.

- The vehicle may substitute 3 clip-on straps in place of the required straps if the vehicle is equipped with a long spine board that utilizes such straps. A commercial backboard restraint may also be substituted for the straps.

P F 4. 1 orthopedic litter at least 78 inches long (when extended) by at least 16 inches wide. It shall open/close (separate/rejoin) along its long axis into two halves.

P F 5. 6 rigid cervical collars of a type approved by the FDA for pre-hospital utilization by EMTs, in at least three different sizes, one of which shall be of a size to accommodate pediatric patients.

P F 6. 1 head restraint system, utilized to immobilize a patient's head while the patient is restrained on a long spine board, of a type approved by the FDA for pre-hospital utilization by EMTs.

P F 7. 6 splinting devices, which are impervious to bodily fluids, in a variety of sizes suitable for splinting arms and/or legs.

P F 8. One adult-size, lower extremity traction splint approved by the FDA for pre-hospital utilization by EMTs.

P F 9. At least 1 child restraint system for transporting a pediatric patient.

P F 10. Reeves® type stretcher

Sterile Obstetrical Emergency Delivery Kit (Critical)

Each BLS ambulance shall be equipped with the following sterile obstetrical emergency delivery kit. The following items may be individually wrapped or be contained in a "pack." Any pack shall have an exterior itemized list of contents. The kit shall contain the following items:

P F 11. 4 towels

P F 12. 12 sterile gauze compresses measuring 4 inches by 4 inches

P F 13. 4 sterile umbilical cord clamps

P F 14. 1 sterile bulb syringe made of soft rubber (for newborn aspiration)

P F 15. 1 receiving blanket

P F 16. 1 pair of sterile scissors or sterile scalpel

P F 17. At least 1 set of eye protection or goggles

P F 18. 4 pairs of sterile surgical gloves.

Two-way Communication

P F 1. At least 1 mobile radio with the following minimum features: **(Critical)**

- Two-way, VHF high-band with Effective Radiated Power as approved by the FCC
- Selection, transmission, and receipt on each of the required JEMS radio frequencies from the driver's compartment
- Transmission and receipt of each of the required JEMS radio frequencies from the patient compartment (JEMS 1, JEMS 2, JEMS 3, and JEMS 4).
- While only one radio is required, there shall be a microphone and speaker in both the driver and the patient compartment.
- A functional, dual-tone, multi-frequency encoder in either the driver's or the patient's compartment.
- Ability to transmit and receive on radio frequencies for the purpose of access to regional coordinating certain to obtain mutual aid, advance life support care, and BLS ambulance dispatching (Critical).

P F 2. At least 1 portable radio capable of transmitting and receiving on JEMS 1 frequency.

Additional Recommendations

Not required to pass inspection

Vehicle Markings

1. Full Agency Name on each side of the vehicle at least 4 inches high.
2. Mirror image of word "Ambulance" or "Emergency Medical Services" centered above the grill on the front of the vehicle at least 4 inches with 3 inches Star of Life, in block-type blue on each side.
3. 2 block type blue 12 inches Star of Life on rear translucent or cut out, if on windows.
4. Block-type Blue 16 inches Star of Life on each side of the vehicle.
5. 6 inches word "Ambulance" or "Emergency Medical Services" on each side of the vehicle. May be incorporated into the Agency Name.
6. No unauthorized wording or markings on the vehicle (i.e., Mobile Intensive Care Unit, Coronary Care Unit, etc.)

Tools

- 6-inch Philip-type and slotted screwdriver
- Spring-loaded center punch
- Prying level or "crowbar"
- Automotive safety belt cutter

Suggestions and Recommendations

Certification

I certify that I inspected this vehicle in accordance with
EMS Council of New Jersey Standards Requirements.

Inspected by: _____ Squad affiliation: _____

(print & sign) _____ District affiliation: _____

Pass (decal # _____) Fail / Reinspection required