

EMERGENCY MEDICAL SERVICES
RHODE ISLAND DEPARTMENT OF HEALTH
GUIDELINES FOR AMBULANCES, FOR EQUIPMENT AND MATERIALS
MINIMUM EQUIPMENT LIST

Vehicle Classes: **A-1, A-1A, A-2 (TRANSPORT VEHICLES)**

- Class A-1: Advanced and Basic Life Support
 - Class A-1A: Advanced Life Support limited and Basic Life Support
 - Class A-2: Basic Life Support Only
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A. **Communications Equipment:**

Each ambulance shall have a mechanism for two-way communication system based on its classification as follows:

1. Every ambulance shall have as minimum a two-way voice communications system between the vehicle and its dispatcher.
2. Every Class A-1, Class A-1A and Class A-2 Ambulance shall have a two-way voice communications system between the vehicle and a hospital emergency department.

B. **Medical Equipment and Supplies:**

1. Portable suction apparatus with wide-bore tubing and rigid pharyngeal suction tip. The suction unit may be battery or oxygen powered or V-Vac type suction.
2. Hand-operated bag-valve mask ventilation unit in adult, child and infant sizes. Clear masks are preferable.
3. Oropharyngeal and nasopharyngeal airways in adult, child and infant sizes.
4. Portable oxygen cylinder Oxygen cylinder with minimum capacity of 300 liters
Oxygen cylinder pressure gauge and regulator capable delivering a range of zero (0) to fifteen (15) liters per minute.
5. Oxygen therapy equipment: connective tubing, nasal cannulas, simple plastic face mask and non-rebreather mask in adult, child and infant sizes.
6. Esophageal obturator airway with mask and replacement tube.
7. Small volume Nebulizer with Reservoir (1).
8. Bite stick either commercial or made of tongue blades taped together and padded.
9. Trauma dressings (min. 3)
10. Sterile gauze pads in assorted sizes.
11. Soft roll self-adhering type bandage (Kling) in assorted sizes.
12. Adhesive tape or equivalent in assorted sizes.
13. Triangular bandages (cravats) (min. 6).
14. Shears or scissors.
15. Blood pressure cuffs (adult, child and infant).
16. Stethoscope (min. 1)
17. Cervical collars in (S, M, L, P) sizes.

18. Cervical immobilization device (i.e. Ferno-Washington).
19. Disposable latex safe gloves.
20. Disposable isolation kits (2). Kit must contain (1) gown, (1) protective goggle
1 pair gloves, (1) mask, (1) head cover and (1) biohazard bag.
21. N-95 Respirator Masks (5)
22. Level C PPE: Bullard PAPR, Tychem[®] suit, boots, gloves, tape and carrying bag (min. 2).
23. Biohazard (sharps) container.
24. Pneumatic Anti-Shock Garment (PASG) (min. 1-Adult).
Non-inflatable garments are not acceptable.
25. Pediatric Dosing Device (Pedi-Wheel or equivalent)-2005 AHA Compliant.
26. Thermometer (rectal) (1).
27. Stretcher with mattress having a waterproof covering and 3 mounted straps.
28. Drive shaft hanger: A drive shaft hanger shall be provided on all vehicles to protect against pole vaulting in the event of drive shaft or U-joint failure. In the case where there is a split drive shaft, a hanger must be present on both drive shafts.
29. Triangular reflectors and/or flares (min. 3).
30. Child restraint seat (newborn-4 years)
31. Two or more sterile burn sheets.
32. Traction splinting device (min. 1) i.e. Hare, Sager or equivalent.
33. One short spine board with all necessary accessories. Commercially prepared devices such as the Kendrick Extrication Device (KED) are acceptable.
34. One long spineboard with four straps.
35. Two or more splints, which may be, padded board, ladder splints, or cardboard splints.
36. Sterile obstetrical kit (1).
37. Mettag[®] Triage tags (or equal) or other RI Department of Health approved patient tracking system (min 25).
38. Medications as authorized by the Department of Health per the R.I. Prehospital Care Protocols and Standing Orders.
39. * EMERGENCY/EXTRICATION TOOL KIT COMPRISED OF:
 - A. 1 open-end adjustable wrench (preferably 12 inch)
 - B. 1 screwdriver regular blade (preferably 12 inch)
 - C. 1 screwdriver, Phillips type (preferably 12 inch)
 - D. 1 hacksaw with blades
 - E. 1 pliers, vise-grip type
 - F. 1 hammer (3 pound)
 - G. 1 crowbar (at least 24 inch)
 - H. 1 battery cable cutter
 - I. 2 ropes (at least ½ inch diameter, 50 feet long)
 - J. 2 pair safety goggles
 - K. 2 class ABC fire extinguisher at least 5 lbs.
 - L. Work Gloves
40. DEFIBRILLATION SERVICES: AED or Manual Defibrillator. Manual Defibrillators must be capable of waveform display and strip chart recorder.

41. ENDOTRACHEAL INTUBATION EQUIPMENT: Vehicles equipped with endotracheal intubation equipment must include an endotracheal tube placement verification device.

CLASS A-2 VEHICLES MUST HAVE ALL THE ABOVE EQUIPMENT.

42. Manual defibrillator unit with rhythm waveform display, strip chart recorder and synchronized cardioversion capability.
43. Sterile intravenous solutions of Normal Saline and Lactated Ringer's (min. 2 each no smaller than 250 ml.). D5W and PVC-free administration set as needed for Amiodarone admixture **(Optional)**.
44. Intravenous solution administration kit (min. 4). (1 kit must contain a 100-ml volumetric burette).
IV admixture medications must have an infusion pump.
45. I.V. catheters, I.V. access device (optional), syringes, needles and blood collection tubes in assorted sizes. (Minimum 1 50 or 60 ml syringe).
46. 3-Way or 4-Way Stopcock (1).
47. Medications as authorized by the Department of Health per the RI Prehospital Care Protocols and Standing Orders.

CLASS A-1 AND A-1A VEHICLES MUST HAVE ALL THE ABOVE EQUIPMENT.

* All private ambulance companies are excluded from carrying the emergency extrication tool kit, with exception of Class A-1 or A-1A vehicles (8/84) (4/91) (8/95).

CURRENT MEDICATIONS AS AUTHORIZED BY THE DEPARTMENT OF HEALTH PER R.I. PREHOSPITAL CARE PROTOCOLS AND STANDING ORDERS.

Vehicle Classes A-1, A-1A and A-2

EMT-A/B MEDICATIONS:

- A. Acetaminophen suppositories (325 mg) (min. 6)
- B. Activated Charcoal (50gm) unit dose (1)
- C. Albuterol 2.5 mg (0.083% solution) (1)
- D. Aspirin 160-325 mg (min.2000mg)
- E. Atropine/ 2Pam (Mk. 1) autoinjector kits for treatment of nerve agent toxicity (min. 6)
- F. Calcium Gluconate **(Optional)**
- G. Epinephrine 1:1000: ampules or vial for nebulized treatment (min. 5mg/5ml)
Epinephrine 1:1000: Epi-pen, Ana-kit, ampules or vial for anaphylaxis treatment
- H. Glucagon **(Optional)**
- I. Glucose, oral **(Optional)**
- J. Syrup of Ipecac

Vehicle Classes A-1, A-1A

EMT-C MEDICATIONS: all of the medications as above in addition to:

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| A. | Adenosine (min. 30 mg.) | N. | Hydrocortisone Sodium Succinate, 100 mg (2) |
| B. | Amiodarone 300 mg (2) | O. | Lasix |
| C. | Amiodarone (Admixture) (Optional) | P. | Lidocaine |
| D. | Amyl Nitrate (Optional) | Q. | Lidocaine (Admixture) (Optional) |
| E. | Antacid (Optional) | R. | Midazolam (min 20 mg.) |
| F. | Atropine | S. | Morphine (Optional) |
| G. | Benadryl, oral | T. | Naloxone |
| H. | Benadryl, injectable | U. | Nitroglycerin, tablet or oral spray |
| I. | Dextrose 25% (D25W, D25) (Optional) | V. | Sodium Bicarbonate |
| J. | Dextrose 50% | W. | Sodium Nitrate (Optional) |
| K. | Dopamine (Admixture) (Optional) | X. | Sodium Thiosulfate (Optional) |
| L. | Epinephrine 1:10,000 | Y. | Terbutaline (Optional) |
| M. | Glucagon | Z. | Thiamine |
| | | AA. | Valium, rectal gel preparation (Optional) |
| | | BB. | British Anti-Lewisite (BAL): 400 mg. (Optional) |

WMD Treatment Kit as specified by RI EMA/ MMRS, including medication administration instructions (if available). This kit includes Mk-I autoinjectors, benzodiazepines, cyanide treatment kit and British Anti-Lewisite and antibiotics.

EMT-P MEDICATIONS: All of the medications as above in addition to:

- A. Calcium Chloride 500mg
- B. Diltiazem 40mg **(Optional)**
- C. Epinephrine 1:10,000 Admixture **(Optional)**
- D. Magnesium Sulfate
- E. Phenobarbital **(Optional)**
- F. Tetracaine HCl **(Optional)**
- G. Verapamil 15mg

NOTE: The following medications should be under double lock and key:

- Morphine-Schedule II
- Valium-Schedule IV
- Midazolam-Schedule IV
- Phenobarbital-Schedule IV

LATEX SAFE EQUIPMENT REQUIREMENTS

The following equipment and supplies as applicable to class A vehicles shall be latex safe effective **July 1, 2003**:

- Blood pressure cuffs (adult, child, infant)
- Stethoscopes
- Tourniquets
- Bag Valve Mask Ventilation Unit (adult, child, infant)
- Non-Rebreather Oxygen Mask (adult, child,)
- Nasal Canula (adult, child,)
- Oral Airways (adult, child, infant)
- Nasal Airways (adult, child, infant)
- Endotracheal tubes (all sizes)
- Intravenous tubing
- Syringes
- Catheters
- Injection Ports
- Surgical masks