

1 16 DEPARTMENT OF PUBLIC SAFETY

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3 163 BUREAU OF EMERGENCY MEDICAL SERVICES (MAINE EMS)

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5 CHAPTER 17: **MINIMUM REQUIRED** EQUIPMENT LISTS FOR MAINE EMS
6 SERVICES AND REGIONAL EMS RADIO FREQUENCIES

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8 Maine EMS may accept other equipment or supplies that it judges to be equivalent to these
9 listed, however, specific approval from Maine EMS must be obtained before such a substitution
10 is made. There may be instances where the Maine EMS Prehospital Treatment Protocols allow
11 for additional skills or therapies not listed in this chapter.

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13 §1. Required Equipment List for Non-Transporting Services, Ground Ambulance Services,
14 Transfer Air Ambulance Services and Scene Response Air Ambulance Services.

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16 1. Any Non-Transporting Service, Ground Ambulance Service, Transfer Air
17 Ambulance Service or Scene Response Air Ambulance Service must possess, at a
18 minimum, the equipment listed in this section and must maintain a system to ensure
19 the availability of this equipment on any call.
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21 A. All medical equipment and medical supplies required in this section must be
22 latex free.
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24 B. Each ground ambulance vehicle must carry the equipment and medical
25 supplies listed in this chapter.
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27 C. The Emergency Medical Technician (EMT) set of equipment is the
28 minimum set of required equipment for a Ground Ambulance Service.
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30 D. The Emergency Medical Responder (EMR) set of equipment is the
31 minimum set of required equipment for a Non-Transporting Service.
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33 E. If a Ground Ambulance Service is licensed at the Advanced Emergency
34 Medical Technician (AEMT) or Paramedic level, any ground ambulance
35 vehicle of that service responding on an emergency medical call will be
36 equipped on those calls with the equipment and supplies pursuant to these
37 Rules.
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39 F. If a Non-Transporting Service or a Ground Ambulance Service is permitted
40 to a given level, it must possess at least one set of equipment and supplies
41 required for that level pursuant to these Rules.
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§2. Airway management supplies

§2. Airway Management		<u>Minimum</u> Required Quantities for Service License or Permit Level					
Item	Description	EMR	EMT	AEMT	Paramedic	Air Transfer Ambulance	Scene Response Air Ambulance
Airways, Nasal	20 French	1	1	1	1	1	1
Airways, Nasal	22 French	1	1	1	1	1	1
Airways, Nasal	24 French	1	1	1	1	1	1
Airways, Nasal	26 French	1	1	1	1	1	1
Airways, Nasal	28 French	1	1	1	1	1	1
Airways, Nasal	30 French	1	1	1	1	1	1
Airways, Nasal	32 French	1	1	1	1	1	1
Airways, Oral	40 mm	1	1	1	1	1	1
Airways, Oral	50 mm	1	1	1	1	1	1
Airways, Oral	60 mm	1	1	1	1	1	1
Airways, Oral	70 mm	1	1	1	1	1	1
Airways, Oral	80 mm	1	1	1	1	1	1
Airways, Oral	90 mm	1	1	1	1	1	1
Airways, Oral	100 mm	1	1	1	1	1	1
Airways, Oral	110 mm	1	1	1	1	1	1
Aspirator, Bulb	Small	1	1	1	1	1	1
Meconium Aspirator					1	1	1
Bag Valve Mask ¹	Adult, Child, Infant	1	1	1	1	1	1
Bougie	Adult & Pediatric				1	1	1
Continuous Positive Airway Pressure (CPAP) Device ²			<u>1</u> <u>(Optional)</u>	1	1	1	1
Endotracheal Tube, 1 Set	Cuffed, 1 of Each Size (2.5, 3, 3.5, 4, 4.5, 5, 5.5, 6, 6.5, 7, 7.5, 8, 8.5)				1	1	1
<u>Tube Securing Device or Umbilical tape</u>	<u>Adult and Pediatric</u>				<u>1</u>	<u>1</u>	<u>1</u>
Gastric Tubes, One set	1 of Each Size (5, 6, 8, 10, 12, 14, 18)				1	1	1
Magill Forceps	Large & Small				1	1	1

¹ Automatic, pressure cycled resuscitators are not acceptable.

² CPAP Device Requirements: Full face mask, continuous flow device, capable of adjusting FiO₂, capable of regulating Positive End Expiratory Pressure (PEEP), latex-free, and the ability to attach a nebulizer.

Laryngoscope Handle	Large & Small				1	1	1
§2. Airway Management Continued		<u>Minimum Required Quantities for Service License or Permit Level</u> <u>Required Quantities for Service License or Permit Level</u>					
Item	Description	EMR	EMT	AEMT	Paramedic	Air Transfer Ambulance	Scene Response Air Ambulance
Laryngoscope Blades - Straight	1 Each Size (0, 1, 2, 3, 4)				1	1	1
Laryngoscope Blades - Curved ³	1 Each Size (1, 2, 3, 4)				1	1	1
Lubricating Jelly		<u>1</u>	<u>1</u>	1	1	1	1
<u>CPR Pocket Masks</u>		<u>1</u>	<u>1</u>	<u>1</u>	<u>1</u>	<u>1</u>	<u>1</u>
Nebulizers ⁴			<u>2</u>	2	2	2	2
Oxygen Masks	Adult non-rebreather	2	2	2	2	2	2
Oxygen Masks	Adult Nasal Cannula	2	2	2	2	2	2
Oxygen Masks	Pediatric non-rebreather	2	2	2	2	2	2
Oxygen Masks	Pediatric Nasal Cannula	2	2	2	2	2	2
Oxygen Masks	Infant non-rebreather	2	2	2	2	2	2
Stylet	Pediatric				1	1	1
Suction Apparatus ⁵	Manual	1					
Suction Catheter, Flexible, one set	Flexible all sizes (6, 8, 10, 12, 14) Fr		1	1	1	1	1
Suction Catheter	Rigid Tip		1	1	1	1	1
Suction Device	Portable ⁶		1	1	1	1	1
Surgical Airway Set ⁷⁻⁸							
<u>Cuffed Tracheostomy Tube ⁹</u>					1	1	1
Tracheal retractor Hook					1	1	1
Kelly Clamp					1	1	1

³ Hyperangulated blades are not accepted

⁴ Suitable for use with adult and pediatric patients

⁵ Portable unit to provide pharyngeal suction of at least 11.8 inches mercury (300mm Hg) within 4 seconds after the suction tube is clamped closed. Unit must have trap bottle, and be equipped with rigid pharyngeal suction tip and appropriate catheters

⁶ Capable to provide pharyngeal suction of at least 11.8 inches mercury (300mm Hg) within 4 seconds after the suction tube is clamped closed. Unit must have trap bottle and be equipped with rigid pharyngeal suction tip and appropriate catheters. The unit must be electrically powered - capable of operating from its own (internal) battery.

⁷ May be commercially prepared, but must contain items listed

⁸ MDPB approved percutaneous cricothyroidotomy kits only if they follow the method of piercing the cricothyroid membrane

⁹ recommended 6.0 internal diameter for adults

4" X 4" Sterile Sponges					6	6	6
#11#10 or #11 Scalpel Blade					2	2	2
Povidone Iodine ¹⁰					1	1	1
Scalpel Blade Handle					1	1	1
Sterile Surgical Gloves, Pair					2	2	2
10 mL Syringe					1	1	1
Transtracheal inflation tubing					1	1	1
§2. Airway Management Continued		<u>Minimum Required Quantities for Service License or Permit Level</u> <u>Required Quantities for Service License or Permit Level</u>					
Item	Description	EMR	EMT	AEMT	Paramedic	Air Transfer Ambulance	Scene Response Air Ambulance
14 ga. 2" IV Catheters					2	2	2
Chest Decompression Set ¹¹							
14 ga. 3.25" IV Catheters					2	2	2
Surgical Antiseptic Swabs					4	4	4
20 mL Syringe					2	2	2
One-way Type Valve Assembly					2	2	2
One set of option "A" or option "B"							
Option A							
Periglottic devices, one set ¹²	All Sizes (1, 1.5, 2, 2.5, 3, 4, 5)			1	1	1	1
Option B							
Transglottic Device, one set ¹³	All Sizes (0, 1, 2, 2.5, 3, 4, 5)			1	1	1	1

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51 §3. Diagnostic and Monitoring Equipment

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§3 Diagnostic & Monitoring		<u>Minimum Required Quantities for Service License or Permit Level</u> <u>Required Quantities for Service License or Permit Level</u>					
Item	Description	EMR	EMT	AEMT	Paramedic	Air Transfer Ambulance	Scene Response Air Ambulance
Automatic External Defibrillator (AED)		1	1				
AED Pads	Adult	2	2				
AED Pads	Pediatric	2	2				
Cardiac Monitor/Defibrillator capable of & including:							
Pediatric and adult defibrillation				1			
Cardioversion						1	
Pacing							
Manually selectable joule settings				1			

¹⁰ As a means to prep and cleanse the skin

¹¹ May be commercially prepared, but must contain items listed

¹² It is recommended to have NO MORE THAN one device per class (periglottic and transglottic).

¹³ It is recommended to have NO MORE THAN one device per class (periglottic and transglottic).

12 Lead Electrocardiogram (ECG) Monitoring									<u>1</u> (Optional)	
Paper strip ECG recordings										
ECG Electrodes									<u>30</u> (Optional)	30
Defibrillator Pads, Adult										2
Defibrillator Pads, Pediatric										1
§3 Diagnostic & Monitoring continued		<u>Minimum Required Quantities for Service License or Permit Level</u> Required Quantities for Service License or Permit Level								
Item	Description	EMR	EMT	AEMT	Paramedic	Air Transfer Ambulance	Scene Response Air Ambulance			
Disaster Tags		24	24	24	24	24	24			
Doppler						1	1			
End Tidal CO2 monitor <u>with waveform display</u>				1	1	1	1			
End Tidal CO2 Tubing/Adapters Nasal	Adult			2	2	2	2			
End Tidal CO2 Tubing/Adapters Nasal	Pediatric & Infant			2	2	2	2			
<u>End Tidal CO2 Inline Adapters</u>	<u>Adult</u>			<u>2</u>	<u>2</u>	<u>2</u>	<u>2</u>			
<u>End Tidal CO2 Inline Adapters</u>	<u>Pediatric & Infant</u>			<u>2</u>	<u>2</u>	<u>2</u>	<u>2</u>			
Glucometer			1	1	1	1	1			
Glucometer Test Strips			1	1	1	1	1			
Pulse Oximeter ¹⁴		1	1	1	1	1	1			
Thermometer	Non-Glass	1	1	1	1	1	1			
Sphygmomanometer	Infant Size	1	1	1	1	1	1			
Sphygmomanometer	Child Size	1	1	1	1	1	1			
Sphygmomanometer	Adult Size	1	1	1	1	1	1			
Sphygmomanometer	Large Adult Size	1	1	1	1	1	1			
Stethoscope	Adult	1	1	1	1	1	1			
Stethoscope	Pediatric	1	1	1	1	1	1			

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54 §4. Dressing and bandages

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§4 Dressings & Bandages		<u>Minimum Required Quantities for Service License or Permit Level</u> Required Quantities for Service License or Permit Level						
Item	Description	EMR	EMT	AEMT	Paramedic	Air Transfer Ambulance	Scene Response Air Ambulance	

¹⁴ Suitable for use with adult and pediatric patients

Aluminum Foil ¹⁵		1	1	1	1	1	1
Adhesive Bandages	Assorted Sizes	1	1	1	1	1	1
Bandages	Triangular	4	4	4	4	4	4
Bandages ¹⁶	Roller	4	4	4	4	4	4
Burn Sheet	Sterile	2	2	2	2	2	2
<u>Occlusive Dressing</u>		<u>2</u>	<u>2</u>	<u>2</u>	<u>2</u>	<u>2</u>	<u>2</u>
Universal Dressing	8" X 30" Minimum	3	3	3	3	3	3
Surgical Dressings	Minimum 5" X 9"	4	4	4	4		4
Hemostatic Agent ¹⁷	Gauze Format	1	1	1	1		1
§4 Dressings & Bandages continued		<u>Minimum Required Quantities for Service License or Permit Level</u> <u>Required Quantities for Service License or Permit Level</u>					
Item	Description	EMR	EMT	AEMT	Paramedic	Air Transfer Ambulance	Scene Response Air Ambulance
Obstetrical Kit					1		
Sterile Gloves, Pair					2		
Scissors					1		
Umbilical Cord Clamp					2		
Sterile Dressings					2		
Towel					1		
Small Bulb Aspirator					1		
Plastic Bag					1		
Receiving Blanket					1		
Trauma Shears		2	2	2	2	2	2
Sterile Sponge	4" X 4"	12	12	12	12	12	12
Adhesive Tape	Assorted Sizes	2	2	2	2	2	2
Tourniquet ¹⁸		2	2	2	2	2	2

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§5. Fluids and Medications

§5 Fluids & Medications		<u>Minimum Required Quantities for Service License or Permit Level</u> <u>Required Quantities for Service License or Permit Level</u>					
Item	Description	EMR	EMT	AEMT	Paramedic	Air Transfer Ambulance	Scene Response Air Ambulance

¹⁵ Acceptable Alternative - An occlusive dressing as well as a device for wrapping a newborn, such as a space blanket, must be present.

¹⁶ Roller Bandages must be self-adhering and 3 inches minimum width.

¹⁷ Must support wound packing

¹⁸ Must be a commercially manufactured device in its original packaging, be a minimum of one inch wide, be latex free, and use a windlass or mechanical advantage to tighten the device.

Drug Storage Container ¹⁹		1	1	1	1	1	1
Logbook	Drug Storage Container	1	1	1	1	1	1
Saline, Sterile ²⁰		2	2	2	2	2	2
Intraosseous Needles ²¹	15 ga. Or equivalent			2	2	2	2
Intravenous Administration Set	Macro-Drip			2	2	2	2
IV Fluid	D5W				1	1	1
IV Fluid,	Volume Replacement			6000 mL	6000 mL	6000 mL	6000 mL
§5 Fluids & Medications continued		<u>Minimum Required Quantities for Service License or Permit Level</u> <u>Required Quantities for Service License or Permit Level</u>					
Item	Description	EMR	EMT	AEMT	Paramedic	Air Transfer Ambulance	Scene Response Air Ambulance
IV Needle Catheter ²²	Size 14			2	2	2	2
IV Needle Catheter	Size 16			2	2	2	2
IV Needle Catheter	Size 18			2	2	2	2
IV Needle Catheter	Size 20			2	2	2	2
IV Needle Catheter	Size 22			2	2	2	2
IV Needle Catheter	Size 24			2	2	2	2
Oxygen	"D" Cylinder (410 Liters)	2	2	2	2	See Chapter 4	
Mucosal Atomization Device	For IN medication administration	1	1	1	1	1	1
<u>Pediatric Length/Weight Based Tape</u>		<u>1</u>	<u>1</u>	<u>1</u>	<u>1</u>	<u>1</u>	<u>1</u>
Pump ²³	Intravenous				1	1	1
Administration Set	Intravenous			2	2	2	2
Pressure Bag	IV			2	2	2	2

¹⁹ As necessary to secure drugs in a manner consistent with Chapter 6 of these Rules.

²⁰ Must be unexpired, in commercially sealed container(s), and total no less than 500 ml (multiple smaller size containers are acceptable).

²¹ Suitable for use with adult and pediatric patients

²² All IV catheters must be "over the needle" type catheters.

²³ Pump must be: U.S. Food and Drug Administration approved, have a customizable drug library, use latex-free tubing, have needle-free tubing/ports, and have both an AC and battery power source.

60 §6. Immobilization
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§ 6. Immobilization		<u>Minimum Required Quantities for Service License or Permit Level</u> <u>Required Quantities for Service License or Permit Level</u>					
Item	Description	EMR	EMT	AEMT	Paramedic	Air Transfer Ambulance	Scene Response Air Ambulance
Restraints, one set ²⁴	Soft		1	1	1	1	1
Rigid Extrication Collar ²⁵	Adjustable to small, medium, and large	<u>2</u>	2	2	2	2	2
Rigid Extrication Collar	Pediatric Size		2	2	2	2	2
§ 6. Immobilization continued		<u>Minimum Required Quantities for Service License or Permit Level</u> <u>Required Quantities for Service License or Permit Level</u>					
Item	Description	EMR	EMT	AEMT	Paramedic	Air Transfer Ambulance	Scene Response Air Ambulance
Immobilization Device	Head		1	1	1	1	1
Spinal immobilization Device ²⁶	Long		1	1	1	1	1
Spinal Immobilization device	Short		1	1	1		
Splint, Traction ²⁷	Adult Size		1	1	1		1
Splints, Padded Board ²⁸	3" X 36"		4	4	4		2
Splints, Padded Board	3" X 15"		4	4	4		2

62 §7. Patient Comfort
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§7. Patient Comfort	<u>Minimum Required Quantities for Service License or Permit Level</u> <u>Required Quantities for Service License or Permit Level</u>

²⁴ Commercially available

²⁵ Soft collars are not acceptable

²⁶ A rigid Flight Frame is an acceptable alternative to a long and short spinal immobilization device

²⁷ Pediatric size is recommended

²⁸ Similar splints such as cardboard, plastic, wire-ladder, or canvas with rigid inserts of like length and width may be carried in place of the 36" and 15" boards. Air splints or vacuum splints may be carried in place of one of the required padded board splints of each length.

Item	EMR	EMT	AEMT	Paramedic	Air Transfer Service	Scene Response Air Ambulance
Blankets	2	2	2	2	2	2
Emesis Basins	2	2	2	2	2	2
Pillows	<u>2</u>	2	2	2		
Sheets	<u>2</u>	2	2	2		
Towels	4	4	4	4		

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§8. Personal Protective & Safety Equipment

§8 Personal Protective & Safety Equipment		<u>Minimum Required Quantities for Service License or Permit Level</u> <u>Required Quantities for Service License or Permit Level</u>					
Item	Description	EMR	EMT	AEMT	Paramedic	Air Transfer Ambulance	Scene Response Air Ambulance
Fire Extinguisher ²⁹		1	1	1	1		
Flashlight		1	2	2	2	2	2
Gloves ³⁰	Non-latex	10	10	10	10	10	10
Protective Goggles	Pair	4	4	4	4	4	4
§8 Personal Protective & Safety Equipment		<u>Minimum Required Quantities for Service License or Permit Level</u> <u>Required Quantities for Service License or Permit Level</u>					
Item	Description	EMR	EMT	AEMT	Paramedic	Air Transfer Ambulance	Scene Response Air Ambulance
Gowns/Overalls ³¹		4	4	4	4	4	4
Masks	<u>Pocket N-95 Small</u>	<u>4+</u>	<u>4+</u>	<u>4+</u>	<u>4+</u>	<u>4+</u>	<u>4+</u>
<u>Masks</u>	<u>N-95 Large</u>	<u>4</u>	<u>4</u>	<u>4</u>	<u>4</u>	<u>4</u>	<u>4</u>
Masks	Surgical	4	4	4	4	4	4
<u>Reflective Safety Vest</u>		<u>2</u>	<u>2</u>	<u>2</u>	<u>2</u>		
Sharps Container			1	1	1	1	1

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§9. Transporting Equipment

§9. Transporting Equipment		<u>Minimum Required Quantities for Service License or Permit Level</u> <u>Required Quantities for Service License or Permit Level</u>				
Item	Description	EMT	AEMT	Paramedic	Air Transfer Ambulance	Scene Response Air Ambulance
<u>Pediatric Transport Device</u>		<u>1</u>	<u>1</u>	<u>1</u>	<u>1</u>	<u>1</u>
<u>Sharps Container</u>		<u>+</u>	<u>+</u>	<u>+</u>	<u>+</u>	<u>+</u>

²⁹ A-B-C or B-C five-pound size or larger, must be secured in vehicle, and professionally inspected on an annual basis

³⁰ Small, Medium, Large & Extra-Large Sizes

³¹ Material and design must provide a protective barrier against contact with patient's body fluids.

Stretcher ³²	Folding	1	1	1		
Straps ³³		3	3	3	3	3
Ventilator ³⁴					1	1
Reflective Safety Vest		2	2	2		

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§10. Regional Hospital Frequencies

Region 1	Southern Maine	155.325
Region 2	Tri County	155.340
Region 3	Kennebec Valley	155.400
Region 4	Northeast	155.355
Region 5	Aroostook	155.340
Region 6	Mid-Coast	155.340
"Statewide Net"		155.385 (Maine EMS mobile-to-mobile)

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11.1067
April 30, 1985 - Sec. 1, 2.846.222, 6.332, 9.313, 8.3216 and 9.11
January 1, 1986 - Sec. 1, 6. 8.15, 8.2, 8.3, 8.4 and 11.103
September 1, 1986
August 25, 1987 - Sec. 5, 6.011 and 12 (added)
July 1, 1988
March 4, 1992
September 1, 1996

³² Any of the following are acceptable: Stair chair, army D-ring stretcher, ambulance folding stretcher, scoop stretcher.
³³ 9' Length, 2" wide with buckles. Quick-clip and other commercial straps are acceptable; however, at least three 9-foot straps are required.
³⁴ Must have external continuous waveform end-tidal Carbon Dioxide monitoring.

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PROPOSED