MIEMSS July 1, 2026 - June 30, 2027 BLS Commercial Ambulance Equipment List

This list is not intended to provide a complete description of every item required by regulation.

For details refer to COMAR 30.09

Service: _____ **Fleet ID:** _____

Location: _____ **Inspector:** _____

List #:	# of Items	Description	Pass	Fail	Notes
		General Supplies			
1	12	Sterile gauze pads (2x2 or greater) must be individually wrapped			
2	2	Multi-trauma dressings (10x13 or >)			
3	2	Clean sheets or Mylar blankets suitable for burns (adult size)			
4	6	Cold packs			
5	3	1" medical tape (must be hypoallergenic)			
6	8	Cravats (triangular bandages)			
7	6	Self-adhering gauze bandages (various sizes 2", 3", 4" and/or 6")			
8	6	Sterile trauma dressings (5" x 9" minimum)			
9	1	Sterile occlusive dressing (5" x 9" or >)			
10	1	Glucometer kit			
11	1	Box of tissues or roll of toilet paper			
12	1	Bedpan			
13	1	Urinal			
14	2	Emesis basins			
15	1	O.B. kit (clamps, bulb suction, blankets, towels, sanitary napkins, etc.)			
16	1	Maryland medical protocols (hard copy **OR** electronic copy)			
		BLS Medications			
17	1	Albuterol (2.5 mg w/Nebulizer or MDI)			
18	1	Epinephrine auto-injectors, adult			
19	1	Epinephrine auto-injectors, child			
	1	Epinephrine 1 mg vial with appropriate 1 mL syringe and needle, or manufacture-supplied prefilled 0.5 and 0.15 mg syringes may be substituted for epinephrine auto injector **(with approved OSP)**			
20	6	Isoprophyl alcohol wipes			
21	2	Glucose paste			
22	4	Acetaminophen 160mg/5mL dose			
23	4	325 mg Acetaminophen pills or tablets (**optional** for ages 13+)			
24	1	Aspirin 325mg **OR** (4) 81mg			
		The below medications are not required for interfacility transports, however are required for non-interfacility work, including 911 contracts, event standbys and mass casualty deployments			
25		Activated Charcoal (w/o Sorbitol) 100gm			
26		Naloxone 4mg/0.1mg kit or Naloxone 2mg with intranasal atomizer			
		PPE			
27	1	Sharps container			
28	2	Biohazard bags			
29		Boxes of gloves (3 various sizes)			
30	2	Gowns per crew member (impenetrable to blood and/or bodily fluids)			
31	1	Eye/facial shield for each crew member (may be combined w/surgical mask)			
32	2	Surgical masks per crew member			
33	1	Appropriate tuberculocidal disinfectant			
34	1	Particulate respirator N95 or greater for each crew member			
		Oxygen Delivery Devices			
35	3	Adult non-rebreather masks			
36	3	Adult nasal cannulas			
37	2	Pediatric non-rebreather masks			
38	2	Pediatric nasal cannulas			
39	1	Adult (1000 - 2000 ml) hand-operated bag resuscitator w/o a pop-off valve or with a selectable pop-off valve with an oxygen inlet and reservoir tube			
40	1	Child (750 ml) hand-operated bag resuscitator w/o pop-off valve or with a selectable pop-off valve with an oxygen inlet and reservoir tube			
41	1	Infant (450 - 500 ml) hand-operated bag resuscitator w/o pop-off valve or with a selectable pop-off valve with an oxygen inlet and reservoir tube			
42	1	Adult transparent BVM face mask			

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43	1	Child transparent BVM face mask			
44	1	Infant transparent BVM face mask			
45	1	Neonatal transparent BVM face mask			
46	1	Set of oropharyngeal airways (newborn - lg adult; min. 6 sizes)			
47	1	Set of nasopharyngeal airways (18F-34F; min. 6 sizes)			
48	1	BLS pulse oximetry device			
AED					
49	1	AED - pediatric capable			
50	1	Set of compatible adult AED pads			
51	1	Set of compatible pediatric AED pads			
52	1	Razor			
53	1	Mechanical CPR device (**with approved OSP)**			
Medical Supplies in Portable Kit					
54	12	Sterile gauze pads (2x2 or greater) must be individually wrapped			
55	2	2" medical tape (must be hypoallergenic)			
56	4	Cravats (triangular bandages)			
57	2	Sterile trauma dressings (5" x 9" minimum)			
58	4	Self-adhering gauze bandages (various sizes 2", 3", 4" and/or 6")			
59	1	Stethoscope (in kit or on board)			
60	1	Adult BP cuff (in kit or on board)			
61	1	Large adult BP cuff (in kit or on board)			
62	1	Pediatric BP cuff (in kit or on board)			
63	1	Bandage scissors OR rescue shears (at least 5 1/2")			
64		Exam gloves (3 various sizes)			
65	1	Penlight (narrow beam flashlight acceptable)			
66	6	Maryland triage tags & ribbons (red, yellow, green, black)			
67	1	Permanent marking pen			
Vehicle & Safety					
68		Vehicle is clean and dust/debris/OPIM free			
69		Restraint devices in working order for all seated positions in vehicle			
70		Vehicle is free of hazards			
71		All exterior & interior doors, including cabinets, open and close securely			
72	1	Narrowband med radio (programmed with MIEMSS approved template)			
73		Functional emergency warning lights			
74		Functional emergency audible warning devices (not a horn)			
75		Functional exterior lights (head, tail, brake, and signal lights)			
76		Functional interior lights (overhead, action area, etc.)			
77		Functional climate control system (seasonally appropriate)			
78		Safe tire condition (tread depth and side walls)			
79	3	Reflective road hazard triangles **OR** small traffic cones			
80		"NO SMOKING" sign in front and patient compartment - this is to include e-Cigarettes, vapes, or any other tobacco products			
81	1	Fire extinguisher (5 lb.) securely mounted with current tag			
82	2	Portable hand lights assigned to the unit			
83	1	ANSI/ISEA 107-2015 complaint public safety vest for each crew member			
84	1	Current Emergency Response Guidebook (ERG) (electronic copy acceptable)			
Linen Supplies					
85	1	Pillow (non-absorbent or disposable)			
86	1	Pillow case			
87	2	Sheets			
88	1	Blanket			
89	2	Towels			
Patient Immobilization and Movement					
90	1	Secure stretcher mounting bracket			
91	1	Assembled over-the-shoulder harness with 3 cross straps			
92	1	Cot with mattress, four wheels and adjustable head position			
93	1	Stair chair			
94	1	Full spinal immobilization device that meets OSHA standards			
95	2	9' straps or equivalent			

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96	1	Disposable head blocks			
97	2	Adjustable extrication collars			
98	1	Orthopedic stretcher			
99	2	Padded board splints (15" x 3") (bio-safe) (OPTIONAL)			
100	2	Padded board splints (36" x 3") (bio-safe) (OPTIONAL)			
101	2	Padded board splints (54" x 3") (bio-safe) (OPTIONAL)			
102	1	Adult Hare Traction splint (OPTIONAL)			
103	1	Pelvic stabilization binder (**with approved OSP**)			
		Onboard Oxygen			
104	2	High flow wall outlets			
105	1	Variable flow flowmeter capable of delivering >/= 15LMP, with a dial-down rate to a minimum of 2 LPM			
106		Accurate within 1 LPM when setting =/< 5LPM			
107		Accurate within 1.5 LPM when setting between 6 and 10 LPM			
108		Accurate within 2 LPM when setting =/> 15 LPM			
		Portable Oxygen			
109		All cylinders have passed hydrostatic testing within the past 5 years			
110		All cylinders secured in a manner that meets Ambulance Manufacturers Division Oxygen Tank Retention Standard 003			
		If on-board oxygen is present:			
111	1	Medical oxygen cylinder ("E", "Jumbo D" size)			
		OR			
112	2	"D" size medical oxygen cylinders			
		If on-board oxygen is NOT present:			
113	2	Medical oxygen cylinder ("E", "Jumbo D" size)			
		OR			
114	3	"D" size medical oxygen cylinders			
		On-board Suction			
115		Powered by a reliable source			
116	1	Rigid pharyngeal tip (Yankauer)			
117	2	Assorted suction catheters either 6, 8, 10, or 12 F			
118	2	Assorted suction catheters either 14, 16, or 18 F			
119		Vacuum pressure > 300 mmHg within 4 seconds			
120		A free air flow of at least 20 LPM at the end of the suction tube			
121	1	Wide bore tubing (ready to use/attached)			
122	1	250cc bottle of sterile water or saline			
		Battery Powered Portable Suction Unit (Required for ALS)			
123		Capable of operating continuously under suction for at least 20 minutes			
124	1	Rigid pharyngeal tip (Yankauer)			
125	2	Suction catheter either 6, 8, 10, or 12 F			
126	2	Suction catheter either 14, 16, or 18 F			
127		Vacuum pressure > 300 mmHg within 4 seconds			
128		A free air flow of at least 20 LPM at the end of the suction tube			
129	1	Wide bore tubing (ready to use/attached)			
		Res-Q-Vac (Substitute for BLS Units in place of Battery Powered Suction)			
		Res-Q-Vac or approved alternative hand held suction device			
130	1	Pump and canister			
131	1	Adult soft catheter			
132	1	Adult rigid catheter			
133	1	Pediatric soft catheter			
		Pediatric Equipment (As Needed for Pediatric Transport)			
134	1	Pediatric immobilization device			
135	1	Pediatric Hare Traction splint			
136	1	Infant BP cuff			
137	1	Size-appropriate child restraint system compliant with Federal specification FMVSS-213 injury criteria			

Updated April 24, 2026
Effective July 1, 2026