MIEMSS July 1, 2025 - June 30, 2026 ALS Commercial Ambulance Equipment List

This equipment 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
**		**All BLS ambulance licensure requirements must be met including any approved OSP's**			
		ALS EQUIPMENT AND GENERAL SUPPLIES			
1	1	12-lead cardiac monitor/defibrillator with quick look capability - adult & pediatric			
2	1	Waveform capnography			
3	2	Adult multi function pads			
4	1	Pediatric multi function pads			
5	1	Monitoring cables			
6	9	Monitoring electrodes			
7	1	Spare monitor/defib batteries and/or on-board charging system			
8	1	Spare EKG paper			
9	1	Pulse oximeter - neonatal, pediatric & adult sensor required			
10	1	ICD donut magnet			
11	1	CPAP device and all manufacturer-specific supplies needed to treat one patient			
12	4	Gastric tubes - 8F & various sizes 10F-16F adult			
13	2	Tapered tip lavage syringes - 30cc minimum size			
14	2	NDT needle/catheter minimum length 3.25"/14g diameter			
15	1	Digital thermometer with disposable probe covers			
		MEDICATIONS & DELIVERY DEVICES			
** Packing of medications or IV solutions may vary but total quantities MUST be met.					
16		Adenosine - 30 mg			
17		Albuterol - 20 mg			
18		Amiodarone - 450 mg			
19		Aspirin - 324 mg **or** 4 - 81 mg			
20	1	Atropine Sulfate - 1 mg each			
21		Atrovent (Ipratropium) - 500 mcg			
22	1	Calcium chloride - 1 gm			
23		Dexamethazone - 15 mg			
24		Dextrose 10% solution – minimum 250 mL - ***preferred; must carry D50 if D10 is unavailable***			
		Dextrose 50% solution – 25 grams in 50 mL – ***optional in lieu of D10***			
25		Diltiazem - 50 mg			
26		Diphenhydramine (Benadryl) - 50 mg			
27		Droperidol - 2.5 mg			
28	4	Epinephrine 1:10,000 - 1 mg each			
29		Epinephrine 1:1,000 - 3mg			
30		Esmolol - 100mg/10ml			
31	1	Glucagon - 1 mg			
32		Ketamine - 400 mg			
33		Ketorolac - 30 mg **(with approved OSP)**			
34		Labetalol - 100 mg			
35	1	Lidocaine 2% - 100 mg			
36		Lidocaine 4% - 4 ml			
37		Magnesium Sulfate - 4 g			
38		Naloxone (Narcan) - 2 mg (4mg in 0.1 mL may be used)			
39	2 ea.	Nebulizers			
40	1 ea.	Nitroglycerin - spray or tablet bottle			
41		Nitro Paste and applicator - 1 gm			
42		Ondansetron (Zofran) - 24 mg			
43	2	Sodium Bicarbonate - 50 mEq			
44		TXA - 1 gram with 100 ml bag of Normal Saline, D5W or Ringers Lactate			
45		**Double lock - controlled access system for storage of CDS**			
46		Midazolam (Versed) 20 mg			
47		Fentanyl - 400 mcg			
48	1	Current drug reference (hard copy or electronic within 2 years)			
49	1	Functional DC to AC invertor			

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INTRAVENOUS AND PARENTERAL SUPPLIES					
50	4	1 cc syringes			
51	4	3-5 cc syringes			
52	4	10 cc syringes			
53	4	18g, 19g, or 20g straight needles			
54	4	25g needles (1 1/2 inches appropriate for IM injection)			
55	1	Intranasal medication delivery device			
56	2 ea.	IV catheters (gauges 14, 16, 18, 20, 22, and 24)			
57	1	IO needle with 3-way stopcock			
58	3 sets	IV admin sets (2 capable of 10-15 drops/min and 1 capable of 60 drops/min or variable flow sets			
59		Ringers lactate - 2000 cc			
60	1	Ringers lactate or Normal Saline 100 cc bag (to be used for Epi drip)			
61		IV site preparation materials			
62		Stretcher mounted IV pole **or** IV infusion pump			
63	2	Non-coring needles (e.g. Huber)			
INTUBATION KIT					
64	1 set	Miller blades - 0, 1, 2, 3, and 4			
65	1 set	McIntosh blades - 1, 2, 3, and 4			
66	1	Large laryngoscope handle with spare batteries			
67	1	Small laryngoscope handle with spare batteries			
68		Spare laryngoscope bulbs for miller and mac blades (unless fiber optic)			
		Video laryngoscope (effective July 1, 2026)			
69	1 ea.	ET tubes cuffed (6, 7, 8, and 9)			
70	1 ea.	ET tubes (2.5, 3, 3.5, 4, 4.5, 5, and 5.5) cuffed or uncuffed			
71	1	Adult stylette			
72	1	Pediatric/infant stylette			
73	1	10 cc syringes			
74	1	Large Magill forceps			
75	1	Small Magill forceps			
76	1 ea.	Water soluble lubricant (1 tube or 4 packs)			
77	1	End tidal carbon dioxide detector - pediatric and adult (electronic or colormetric)			
78	1	Suction device for meconium			
79		Extraglottic airway set (King LTS-D, LMA, Air-Q, or I Gel)			
		All sizes newborn through adult			
VENTILATOR - with approved OSP					
80	1	Ventilator minimally capable of the following settings:			
		Oxygen concentration between 20% - 100%			
		Peak pressures between 0 and 99			
		Selectable intermittent mandatory ventilation (IMV)			
		Positive end expiratory pressure between 2 and 15			
		Adjustable ventilatory rates between 0 and 60 per minute			
		Adjustable tidal columes: adult: 300ms - 1,000ml and pediatric: 15mg - 200ml			
		Adjustable high and low pressure alarms			
81	2	Ventilator circuits			

Updated May 23, 2025

Effective July 1, 2025