

SAN FRANCISCO EMERGENCY MEDICAL SERVICES AGENCY VEHICLE EQUIPMENT SUPPLY LIST – EMSAC JULY 2025							Policy Reference No: 4001a Effective: xx/xx/xx Supersedes: 4/1/25			
TABLE 1: Minimum Equipment Requirements For All Vehicle Types										
Line #	AIRWAY / RESPIRATORY	PROVIDER LEVEL & QUANTITY								
		BLS FR	BLS AMB	ALS FR	ALS AMB	BLS Foot/Bike/Cart	ALS CP/Foot/Bike	ALS - Gator/Cart	ALS – Supervisor/ QRV	QR V
1	A size Oxygen Cylinder (D or E size acceptable)	-	-	-	-	1	1	-	1	+
2	Adult Finger Probes For Pulse Oximetry (reusable)	-	-	1	1	-	-	1	1	+
3	Bag Valve Masks - Adult	2	2	2	2	1	1	1	1	+
4	Bag Valve Masks - Infant	2	2	2	2	-	-	1	1	+
5	Bag Valve Masks - Pedi	2	2	2	2	-	-	1	1	+
6	Bougie, Adult (for ALS Supervisors only)	-	-	-	-	-	-	-	2	-
7	Capnography Filter Line With Adapter To Connect To ET Tube	-	-	1	1	-	-	1	1	+
8	CPAP Device Able To Deliver PEEP of 10 cm H2O, Breathing Circuits, Masks	-	-	1	1	-	-	1	1	+
9	Cuffed Endotracheal Tubes, Sizes 6, 6.5, 7, 7.5, 8, & 8.5	-	-	2	2	-	-	2	1	+
10	D or E size oxygen cylinders	2	3	2	3	-	-	1	1	+
11	Electronic Capnography Device (May Be Integrated Into Cardiac Monitor)	-	-	1	1	-	-	1	1	+
12	ET Tube Holder or Ties	-	-	2	2	-	-	2	1	+
13	ETCO2 monitoring cannula	-	-	2	2	-	-	2	2	+
14	Handheld Nebulizer (or Mask)	-	-	2	2	-	-	2	1	+
15	Infant Finger Probes For Pulse Oximetry	-	-	1	1	-	-	1	1	+
16	Jet Insufflation Ventilator For Needle Cricothyroidotomy (to be retired 10/1/2026)	-	-	1	1	-	-	-	1	+
17	Large Laryngoscope Handle	-	-	1	1	-	1	1	1	+
18	Laryngoscope Blades w/ Extra Bulbs, Macintosh Type: 1, 2, 3, & 4	-	-	1	1	-	1 & 4 only	1	1	+
19	Laryngoscope Blades w/ Extra Bulbs, Miller Type: 0, 1, 2, 3, & 4	-	-	1	1	-	-	1	1	+
20	Magill Forceps, Adult	-	-	1	1	-	1	1	1	+
21	Magill Forceps, Pedi	-	-	1	1	-	-	1	1	+
22	M, or H Oxygen cylinder	-	1	1	1	-	-	-	-	-
23	Meconium Aspirator	-	-	2	2	-	-	1	1	+
24	Nasal Cannulas - Adult	2	2	2	2	1	1	2	1	+
25	Nasal Cannulas - Pedi	1	2	1	2	-	-	1	1	+
26	Nasal Pharyngeal Airways Set of Sizes 26, 28, 30, 32, & 34 Fr	1	1	1	1	1	1	1	1	+
27	Needle Cricothyroidotomy Kit (WITHOUT scalpel) (to be retired 10/1/2026)	-	-	1	1	-	-	1	1	+
28	Non-Rebreather Masks - Adult	1	2	1	2	1	1	1	1	+
29	Non-Rebreather Masks - Pedi	1	1	1	1	1	1	1	1	+
30	Oral Airway Set w/ sizes 0 - 6	1	1	1	1	1	1	1	1	+
31	Oxygen flowmeter capable of delivering 2-15 LPM	-	1	-	1	-	-	-	-	-
32	Pediatric Finger Probes For Pulse Oximetry	-	-	1	1	-	-	1	1	+
33	Pediatric Suction Bulb (sterile)	-	1	-	1	-	-	-	1	+

34	Portable Suction Devices - Manual Pump Type or Battery Operated	1	1	1	1	-	-	1	1	+
35	Pulse Oximeter (May Be Integrated Into Cardiac Monitor)	-	-	1	1	-	-	1	1	+
36	Regulators for D/E Oxygen Cylinders capable of delivering 2-15 LPM	1	1	1	1	1	1	1	1	+
37	Rigid Pharyngeal Tonsil Tip (Yankauer Suction)	1	1	1	1	-	-	1	1	+
38	Small Laryngoscope Handle	-	-	1	1	-	-	1	1	+
39	Stylets: Adult (if not in ETT)	-	-	1	1	-	-	1	1	+
40	Suction Catheters 6, 8, 10, 12, & 14 Fr	-	-	1	1	-	-	1	1	+
41	Suction Tubing	1	2	1	2	-	-	1	1	+
42	Simple Oxygen Masks - Infant	-	1	-	1	-	-	-	1	+
43	Supra-Glottic Laryngeal Airway (iGel), Adult, Sizes 3, 4, & 5	-	-	1	1	-	1	1	1	+
44	Supra-Glottic Laryngeal Airway (iGel), Pedi/Infant, Sizes 1, 1.5, 2, & 2.5	-	-	1	1	-	-	1	1	
45	Tongue Depressors	2	2	2	2	-	-	2	1	
46	Uncuffed Endotracheal Tubes, Sizes 2, 2.5, & 3	-	-	2	2	-	-	1	1	
47	(Optional) : Carboxyhemoglobin Monitor (May be integrated into Cardia Monitor)	-	-	1	1	-	-	1	1	
48	(Optional): Quick Trach (alternative to #16 & #27)	-	-	1	1	-	-	1	1	
49	(Optional) : Video Laryngoscope Blades (Approved by EMSA), Adult and Child Sizes	-	-	1	1	-	-	1	1	
CARDIOVASCULAR										
		BLS FR	BLS AMB	ALS FR	ALS AMB	BLS Foot/Bike/Cart	ALS CP/Foot/Bike	ALS - Gator/Cart	ALS - Supervisor/QR V	
50	Blood Pressure Cuff - Adult	1	1	1	1	1	1	1	1	
51	Blood Pressure Cuff - Infant	-	1	1	1	-	-	1	1	
52	Blood Pressure Cuff - Obese or Thigh	-	1	1	1	-	-	1	1	
53	Blood Pressure Cuff - Pedi	-	1	1	1	-	-	1	1	
54	ECG recording paper, compatible with monitor	-	-	1	1	-	-	1	1	
55	Multi-Function Defibrillation Pads - Adult, Compatible With Monitor With Compression Feedback Puck	-	-	1	2	-	-	1	1	
56	Multi-Function Defibrillation Pads - Pedi, Compatible With Monitor With Compression Feedback Puck	-	-	1	1	-	-	1	1	
57	Portable Cardiac Monitor - Defibrillator, w/ cables, capable of: 1. Monitoring, defibrillation, transcutaneous pacing, synchronized cardioversion, and electrical discharge < 25 joules 2. Monitoring ETCO2, SpO2, and blood pressure with automatic cuff for all ages 3. Printing, transmitting, and ability to send 12-lead EKGs to all STAR centers / EMS Agency on current EMS Agency platform	-	-	1	1	-	-	1	1	

	4. Providing integrated real time CPR feedback and view underlying rhythm during CPR compressions 5. Monitor data file compatibility that can be submitted to current EMS Agency cardiac case review network for post case analysis and feedback 6. Ability to operate in pediatric / neonate AED modes 7. Interoperability with STAR hospital crash cart monitors 8. Produce a code summary post incident									
58	Semi-Automatic Defibrillator	1	1	-	-	1	1	-	-	
59	Semi-Automatic Defibrillator Pads - Adult (disposable razors are recommended)	1	1	-	-	1	1	-	-	
60	Semi-Automatic Defibrillator Pads - Pedi	1	1	-	-	1	1	-	-	
61	Stethoscope	1	1	1	1	1	1	1	1	
BURNS / TRAUMA / WOUND CARE										
		BLS FR	BLS AMB	ALS FR	ALS AMB	BLS Foot/Bike/Cart	ALS CP/Foot/Bike	ALS - Gator/Cart	ALS - Supervisor/QR V	
62	Abdominal Dressing, 8" x 10" or 5"x9" or Similar Size	2	4	2	4	2	2	2	4	
63	Band-Aids 1", 10 Strips	1	1	1	1	1	1	1	1	
64	Burn Sheets - Sterile (disposable type)	1	1	1	1	-	-	1	1	
65	Chest Seals or Petroleum Gauze Pads, 4" x 6" or 3" x 9" (or similar size)	4	4	4	4	1	1	4	2	
66	Cloth Tape 2"	3	3	3	3	1	1	3	1	
67	Combat Application Tourniquets or Approved Equivalent*	1	1	1	1	1	1	1	1	
68	Elastic Bandages 3"	1	1	1	1	-	-	1	1	
69	Instant Cold Packs	2	2	2	2	3	3	2	6	
70	Nonsterile 4 x 4 gauze pads, 200 per box	1	1	1 box	1 box	-	-	1 box	1 box	
71	Quick Clot Combat Gauze	2	2	2	2	2	2	2	2	
72	Sterile Gauze Pads 4 x 4, 12 per box	1	1	1 box	1 box	5	5	1 box	1 box	
73	Stretch-style sterile gauze rolls 4" or 5"	4	4	4	4	2	2	4	2	
74	Trauma Dressings, 10 x 30 or larger	2	2	2	2	-	-	2	2	
75	Triangular Bandages	2	2	2	6	2	2	2	2	
<i>*Acceptable equivalent includes Emergency and Military Tourniquet, or Special Operations Forces Tactical Tourniquet</i>										
IMMOBILIZATION / EXTRICATION										
		BLS FR	BLS AMB	ALS FR	ALS AMB	BLS Foot/Bike/Cart	ALS CP/Foot/Bike	ALS - Gator/Cart	ALS - Supervisor/QR V	
76	"Breakaway" OR "Flat" stretcher	-	1	-	1	-	-	-	-	
77	4 Seatbelt Type Straps, 3 Long/Box Straps, or 1 Set Of Spider Straps	1	1	1	1	-	-	1	1	
78	Cervical Collars: Adult	2	2	2	2	1	1	2	2	
79	Cervical Collars: Pedi	2	2	2	2	-	-	2	2	
80	Extremity Restraints - Wrist & Ankle	-	1	-	1	-	-	-	1	

81	Extremity Splint, Cardboard or Similar Product, Large 24 - 36"	2	2	2	2	-	-	2	2	
82	Extremity Splint, Cardboard or Similar Product, Medium 18 - 24"	1	1	2	2	-	-	2	2	
83	Extremity Splint, Cardboard or Similar Product, Small 12 - 18"	2	2	2	2	1	1	2	2	
84	Kendrick Extrication Device (KED)	1	1	1	1	-	-	1	-	
85	Lightweight Heah immobilizer Blocks (set)	1	1	1	1	-	-	1	1	
86	Patient Gurney with shoulder harness and limb belts	-	1	-	1	-	-	-	-	
87	Pediatric Gurney Restraint/Seatbelt Device	-	1	-	1	-	-	-	-	
88	Pediatric Spinal Immobilization device	1	1	1	1	-	-	1	1	
89	Spine board	1	1	1	1	-	-	1	1	
90	Stair chair (or feature that allos gurney to adjust to seated position)	=	1	-	1	-	-	-	-	
91	Traction splints: Sager or HARE (adulte and pedi size) OR Kendrick Traction Device (one size)	1 each size	1 each size	1 each size	1 each size	-	-	1 each size	1 each size	
92	(Optional) : Scoop Stretcher	=	1	-	1	-	-	-	1	
	INFECTION CONTROL / CREW PPE	BLS FR	BLS AMB	ALS FR	ALS AMB	BLS Foot/Bike/Cart	ALS CP/Foot/Bike	ALS - Gator/Cart	ALS - Supervisor/QR V	
93	Disinfectant Solution or Spray	1	1	1	1	-	-	1	1	
94	Disinfectant Wipes	-	1	-	1	5	5	-	1	
95	Hand sanitizer	1	1	1	1	1	1	1	1	
96	Helmet: OSHA approved "hard hat" or equivalent	-	1 per crew member	-	1 per crew member	-	-	-	1 per crew member	
97	Infectious waste bags (red biohazard bags)	1	1	1	1	3	3	1	1	
98	Long-sleeve impermeable gowns	-	1 per crew member	-	1 per crew member	-	-	-	1 per crew member	
99	N-95 Masks, in sizes for all crew members	5	5	5	5	-	-	2	2	
100	P100 Masks, as Required for Interventions	-	-	2	2	2	2	2	2	
101	Pair of heavy duty gloves	-	1 per crew member	-	1 per crew member	-	-	-	1 per crew member	
102	Plastic trash bags	-	1	-	1	-	-	-	1	
103	Safety glasses or goggles	-	1 per crew member	-	1 per crew member	-	-	-	1 per crew member	
104	Spit socks or hoods	1	2	1	2	-	-	1	1	
		-	-	-	-	-	-	-	-	
105	(On Supervisor Rig, ONLY) : Level C PPE Suit	-	2	-	2	-	-	-	2	
106	(On Supervisor Rig, ONLY) : PAPR (OR SCBA with extra air cylinders) for each Level C Suit	-	2	-	2	-	-	-	2	

	PEDIATRIC	BLS FR	BLS AMB	ALS FR	ALS AMB	BLS Foot/Bike/Cart	ALS CP/Foot/Bike	ALS - Gator/Cart	ALS - Supervisor/QR V	
107	Pediatric Length-Based Resuscitation Tape	1	1	1	1	-	-	1	1	
108	Stuffed toy for children	-	1	-	1	-	-	-	1	
	OBSTETRIC	BLS FR	BLS AMB	ALS FR	ALS AMB	BLS Foot/Bike/Cart	ALS CP/Foot/Bike	ALS - Gator/Cart	ALS - Supervisor/QR V	
109	Obstetrical Kit w/ umbilical cord clamps; receiving blanket; infant bunting blanket;	1	1	1	1	-	-	1	1	
	MISCELLANEOUS	BLS FR	BLS AMB	ALS FR	ALS AMB	BLS Foot/Bike/Cart	ALS CP/Foot/Bike	ALS - Gator/Cart	ALS - Supervisor/QR V	
110	1 Roll of Paper Towels, OR Equivalent of Disposable Towels	-	1	-	1	-	-	-	1	
111	Bedpan	-	1	-	1	-	-	-	-	
112	Chemical Heating Blanket (Ready-Heat Blanket or equivalent)	-	1	-	1	-	-	-	1	
113	Digital Thermometer	1	1	1	1	-	-	-	1	
114	Disposable Blankets	1	2	1	2	-	-	1	1	
115	Drinking water - 1 gallon	-	1	-	1	-	-	-	1	
116	Emesis (Kidney) Basins or Bags	-	1	-	1	-	-	-	1	
117	Fire Extinguisher, A/B/C rated, w/maintenance tag < 1 year	-	1	-	1	-	-	-	1	
118	Flashlight with extra batteries or entire extra flashlight	1	1	1	1	1	1	1	1	
119	Fully Functional Automatic Vehicle Locator (AVL) Compatible with SF Department of Emergency Communications (DEC)	1	1	1	1	-	-	-	1	
120	Penlights	2	2	2	2	1	1	1	1	
121	Pre-hospital Care Report (paper) OR 1 E-PCR Device	20	20	20	20	3	3	5	5	
122	Road Flares	4	4	4	4	-	-	4	4	
123	San Francisco County Map or GPS Device	-	1	-	1	-	-	-	1	
124	San Francisco EMS Agency Protocol Manual, current version on Paper or Electronic Format (e.g. Protocol App on Mobile Device)	1	1	1	1	-	-	1	1	
125	Sealable bags, gallon-size	3	3	3	3	-	-	3	3	
126	Sharps Container	-	1	1	1	-	1	1	1	
127	Trauma Shears	1	1	1	1	1	1	1	1	
128	Urinal	-	1	-	1	-	-	-	-	
129	Water soluble lubricant	10	10	10	10	4	4	10	10	
130	Wool blend blankets	1	1	1	1	-	-	1	1	
	MEDICATIONS	BLS FR	BLS AMB	ALS FR	ALS AMB	BLS Foot/Bike/Cart	ALS CP/Foot/Bike	ALS - Gator/Cart	ALS - Supervisor/QR V	
NOTE: The quantities (mg/gms) listed below only represent the total amount of a medication STOCK. It does NOT represent medication dosages.										
131	Activated Charcoal (Aqueous suspension)	-	-	50 gms	50 gms	-	-	50 gms	50 gms	

132	Adenosine	-	-	18 mgs	3018 mgs	-	18 mgs	18 mgs	18 mgs	
133	Albuterol Unit Dose, 2.5mg/3mL solution	-	-	20 mgs	20 mgs	-	10 mgs	20 mgs	20 mgs	
134	Amiodarone	-	-	600 mgs	600 mgs	-	450mgs	600 mgs	600 mgs	
135	Aspirin (chewable), 81 mg Tablet	1620 mg (20 tabs)	1620 mg (20 tabs)	1620 mg (20 tabs)	1620 mg (20 tabs)	1620 mg (20 tabs)	1620 mg (20 tabs)	1620 mg (20 tabs)	1620 mg (20 tabs)	
136	Atropine Sulfate, 1mg/10mL preload	-	-	3 mgs	3 mgs	2 mgs	3 mgs	3 mgs	3 mgs	
137	Atropine Sulfate, 8mg/20ml multi-dose vial	-	-	8 mgs	8 mgs	-	-	8 mgs	8 mgs	
138	Calcium Chloride (10%), 1g/10mL	-	-	1 gm	1 gm	-	-	1 gm	1 gm	
139	Dextrose 10%, 25 gm premixed solution in 250mL bag	-	-	50 gms	50 gms	-	25 gms	50 gms	50 gms	
140	Diphenhydramine IV	-	-	100 mgs	100 mgs	-	50 mgs	100 mgs	100 mgs	
141	Droperidol	-	-	10 mgs	10 mgs	-	10 mgs	10 mgs	10 mgs	
142	Epinephrine 1:1,000, 1mg/1mL	-	-	6 mgs	6 mgs	-	3 mgs	6 mgs	6 mgs	
143	Epinephrine 1:10,000, 1mg/10mL	-	-	4 mgs	4 mgs	-	3 mgs	4 mgs	4 mgs	
144	Fentanyl	-	-	200 mcg	200 mcg	-	200 mcg	200 mcg	200 mcg	
145	Glucagon	-	-	1 mg	1 mg	-	1 mg	1 mg	1 mg	
146	Glucose Paste (approx. 30g/tube)	2 tubes	2 tubes	2 tubes	2 tubes	2 tubes	2 tubes	2 tubes	2 tubes	
147	Ibuprofen (200 mg tablets)	-	-	2,000 mg (10 tabs)	2,000 mg (10 tabs)	-	-	2,000 mg (10 tabs)	2,000 mg (10 tabs)	
148	Ibuprofen Liquid (100 mg/5mL)	-	-	60 mL	60 mL	-	-	60 mL	60 mL	
149	Ketamine	-	-	100 mgs	100 mgs	-	-		100 mgs	
150	Ketorolac	-	-	30 mgs	30 mgs	-	-	30 mgs	30 mgs	
151	Lidocaine 2% in 5 ml vial (for use w/ intraosseous insertion)	-	-	100 mgs	100 mgs	-	-	100 mgs	100 mgs	
152	Magnesium Sulfate 50%, 1 g/2 ml	-	-	4 gms	64 gms	-	-	4 gms	4 gms	
153	Midazolam	-	-	20 mgs	20 mgs	-	20 mgs	20 mgs	20 mgs	
154	Naloxone	-	-	4 mgs	4 mgs	-	4 mgs	4 mgs	4 mgs	
155	Nitroglycerine, 0.4mg/dose metered spray OR Tablets (see Line#156)	-	-	1 bottle	1 bottle	-	1 bottle	1 bottle	1 bottle	

156	Nitroglycerine, 0.4mg/tablet	-	-	25 tabs	25 tabs	-	25 tabs	25 tabs	25 tabs	
157	Olanzapine	-	-	20 mgs	20 mgs	-	20 mgs	20 mgs	20 mgs	-
158	Ondansetron 4mg ODT OR 4mg/2ml vial	-	-	12 mgs	12 mgs	-	8 mgs	12 mgs	12 mgs	
159	Sodium Bicarbonate, 50 mEq/50 ml	-	-	100 mEq	100 mEq	-	-	100 mEq	100 mEq	
160	Sterile Water for Injection, 20 ml vials	-	-	32 vials	32 vials	-	-	2 vials	2 vials	
161	(Required for EMTs) Adult Epinephrine auto-injector	Prefilled dose or draw up	Prefilled dose or draw up	-	-	-	-	-	-	-
162	(Required for EMTs) Pediatric Epinephrine auto-injector	Prefilled dose or draw up	Prefilled dose or draw up	-	-	-	-	-	-	-

IV SUPPLIES		BLS FR	BLS AMB	ALS FR	ALS AMB	BLS Foot/Bike/Cart	ALS CP/Foot/Bike	ALS - Gator/Cart	ALS - Supervisor/QR V	
163	3-way stopcock	-	-	2	2	-	-	1	2	
164	Alcohol prep pads or swabs	-	-	10	10	-	6	10	10	
165	Blood Glucose Monitor	-	-	1	1	-	1	1	1	
166	Blood Glucose Monitor Test Strips	-	-	10	10	-	10	10	10	
167	D5W 100 mL bag	-	-	2	2	-	1	1	1	
168	EZ-IO Driver (or other approved insertion device)	-	-	1	1	-	-	1	1	
169	EZ-IO Needles, small, medium, & large (or other approved mechanical insertion needles)	-	-	1	1	-	-	1	1	
170	IV Administration set 10 or 15 drops/mL	-	-	4	4	-	1	2	2	

171	IV Administration set 60 drops/mL	-	-	2	2	-	1	1	1	
172	IV catheter (safety type), 14 G	-	-	2	2	-	1	2	2	
173	IV catheter (safety type), 16 G	-	-	2	2	-	1	2	2	
174	IV catheter (safety type), 18 G	-	-	2	2	-	2	2	2	
175	IV catheter (safety type), 20 G	-	-	2	2	-	2	2	2	
176	IV catheter (safety type), 22 G	-	-	2	2	-	2	2	2	
177	Lancets (safety type)	-	-	10	10	-	10	10	10	
178	Manual Intra-Osseous needle 16G OR Line #1/8 and #1/9	-	-	1	1	-	-	1	1	

216	Worksheets/Boards (7 total)	7	7	7	7	7	7	7	7
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**Acceptable equivalent includes Emergency and Military Tourniquet, or Special Operations Forces Tactical Tourniquet*

TABLE 2: ALTERNATE MEDICATION LIST (INEVENT OF SHORTAGE)

Line #	MEDICATIONS	ALS UNITS ONLY
1	Dopamine (40mg/mL in 5mL vial = 200 mg) [replaces Epinephrine (1:10,000) 1/mg/10mL - 4 mg]	200 mg
2	Lidocaine (2% in 5mL = 100 mg) [replaces Amiodarone (600mg)]	200 mg
3	Lorazepam (10mg) [replaces Midazolam (20mg)]	10 mg
4	Morphine (20 mg) [replaces Fentanyl (200mcg)]	20 mg

TABLE 2: ALTERNATE MEDICATION LIST (IN EVENT OF SHORTAGE)

ALS Units Only		
1	Dopamine (40mg/mL in 5mL vial = 200 mg) [replaces Epinephrine (1:10,000) 1/mg/10mL - 4 mg]	200 mg
2	Lidocaine (2% in 5mL one vial = 100 mg) [replaces Amiodarone (600mg)]	100 mg
3	Lorazepam (10mg) [replaces Midazolam (20mg)]	10 mg
4	Morphine (20 mg) [replaces Fentanyl (200mcg)]	20 mg