

STATE OF HAWAII
DEPARTMENT OF HEALTH

**ESSENTIAL EQUIPMENT and SUPPLIES
FOR
GROUND AMBULANCES**

Ambulance Service Standards

The purpose of this document is to establish a standardized baseline for equipment and supplies on ground ambulances. Service providers are encouraged to maintain additional stock as needed.

ESSENTIAL EQUIPMENT FOR AMBULANCES

Durable / mounted equipment

- Cabinet, locking, for controlled drugs
- Cot, fasteners, floor/wall mount, 1 each
- Cot, for ambulance, with three seatbelts, 1 each
- Flowmeter, 0-15L/min, 2 each
- Oxygen unit, on board, 1 each
- Stair-chair and/or reusable carry seat, 1 each
- Suction, on board unit, 1 each

Airway / oxygen equipment

- Airways, nasopharyngeal, 20-36Fr, 2 each size
- Airways, oropharyngeal, 40-110mm, 2 each size
- Bag-valve-mask, w/O₂ reservoir, adult, child, infant, neonate, 1 each size
- Endotracheal, commercial ETT securing device, adult and pediatric, 4 each
- Endotracheal, tubes 2.5, 3.0, 3.5, 4.0, 4.5, 5.0, 5.5, 6.0, 6.5, 7.0, 7.5, 8.0, 2 each size
- Filters, bacterial/viral, for airways, 4 each
- Forceps, Magill, pediatric and adult, 1 each size
- Laryngoscope, blades, #0, 1, 2, 3, 4, 1 each size
- Laryngoscope, handle, 1 each
- Lubricant, water-soluble, 1 each
- Nebulizer delivery devices, adult and pediatric, 2 each size
- Oxygen, nasal cannula, adult and pediatric, 2 each size
- Oxygen, non-rebreather masks, adult and pediatric, 2 each size
- Oxygen, portable tanks, 3 each
- Oxygen, regulators, portable, 2 each
- Suction, portable-powered unit, 1 each
- Suction, rigid pharyngeal tip, 2 each
- Suction, soft catheters 5-18fr, 1 each size
- Supraglottic airways, State EMS-approved, 2 each
- Ventilator, automatic transport, 1 each

Medical equipment

- Bedpan and urinal, 1 each
- Blankets, non-synthetic, 4 each
- Continuous Positive Airway Pressure (CPAP) device, with supplies, 1 each size
- Diagnostic monitoring/cardiac device including NIBP, 3-lead and 12-lead EKG, waveform SpO₂ & EtCO₂, defibrillation, synchronized cardioversion, transcutaneous pacing, with supplies, 1 each
- Emesis containers, 2 each
- Gastric tube, nasal/oral
- Glucometer, with supplies, 1 each
- Obstetrical kit, 2 each
- Pump, for medication infusion, with supplies, 1 each
- Razor, prep, 1 each
- Sheets, linen or disposable, 4 each
- Sphygmomanometer, large adult, adult, pediatric, 1 each size
- Stethoscope, 1 each
- Swabs, antiseptic, 50 each
- Syringe, bulb or irrigation, 2 each
- Thermometer – oral, tympanic, or temporal, 1 count

Intravenous & other parenteral access

- Arm boards, short and long, 2 each size
- Intraosseous, driver, powered, 1 each
- Intraosseous, manual or powered back-up system, 1 each
- Intraosseous, needles, large adult, adult, pediatric, 2 each size
- IV, admin sets 10-15gtt/ml, 60gtt/ml, 6 each size
- IV, burette drip chamber set, 100-150ml set, 2 each
- IV, commercial stabilization dressing, 10 each
- IV, over-the-needle catheters, 16, 18, 20, 22, 24, 4 each size
- IV, pressure infuser, 1 each
- Mucosal atomizer devices, 2 each
- Needles for medication draw and administration, various sizes, including filtered, 2ea
- Saline, flush, 3ml and/or 10ml and luer-lock claves, 4 each
- Saline, normal, 100ml, 250ml, 500ml, 1000ml, 2 each
- Sharps container, 1 each
- Syringe, 1ml, 3ml, 5ml, 10ml, 20ml, 60ml luer-lock tip, 1 each size
- Syringe, 60ml bevel tip, 1 each

Trauma equipment

- Bandage, adhesive, 1"x3" assorted, 20 each
- Bandage, triangle, 3 each
- Board, long spine, with straps, 1 each
- Cervical collar, rigid, adjustable adult and pediatric, 3 each size
- Cold packs, hot packs, 4 each type
- Dressings, commercial occlusive, 4 each
- Dressings, non-adherent min 3"x4", 4 each
- Gauze pads, sterile, ABD/trauma/similar, 4 each
- Gauze pads, sterile, min 4x4", 10 each
- Gauze rolls, sterile, 2", 4", 6", 4 each size
- Head immobilizer, 4 each
- Pelvic binder, 1 each
- Ring cutter, 1 each
- Scoop (orthopedic) stretcher with three straps, 1 each
- Shears, trauma, 1 each
- Sheets, burn, sterile, 2 each
- Splints, rigid, for limb immobilization with padding, various sizes for limb immobilization, 2 each size
- Splints, traction, adult and pediatric, 1 each size
- Tape, 1" and 2" rolls, 1 each size
- Thoracostomy, needle, min. 14ga 3.25", plus pediatric and neonatal equivalent, 2 each size
- Tourniquets, commercial CoTECC-approved, 4 each
- Water, sterile, for irrigation, 1 each

Safety equipment

- Emergency Response Guidebook (ERG) HAZ-MAT reference, current edition, 1 each
- Fire extinguishers, #5, ABC, 2 each
- Flashlight, portable, 1 each
- Personal protective equipment to meet current State of Hawaii EMS guidelines
- Reflective or illuminated traffic safety devices, 3 each
- Restraints, soft, 4 each
- Spare tire, tools, or 24-hr. agreement
- Vests, high-visibility, 3 each
- Work gloves, 2 pair

APPROVED MEDICATION LIST

***Please cross reference the current State of Hawaii EMS
Standing Orders Authorized EMS Formulary***

Acetaminophen (Elixir and Tablet)	Glucose (Oral)
Adenosine	Hydroxocobalamin
Albuterol (Inhaler and Nebulizer)	Ipratropium
Amiodarone	Nebulizer Dose Vial
Aspirin	Levalbuterol Nebulizer (0.42%) 1.25mg per 3ml
Atropine	Lidocaine 1%
Atropine Auto Injector	Lidocaine 20%
Calcium Gluconate	Lorazepam
Cefazolin	Magnesium Sulfate
Dextrose D10%	Midazolam
Dextrose D25%	Morphine Sulfate
Dextrose D50%	Naloxone
Diazepam	Nitroglycerin (Sublingual)
Diazepam Auto Injector	Norepinephrine
Diphenhydramine (Oral and Injectable)	Ondansetron
Dopamine	Oxytocin
Epinephrine 1:1,000	2-PAM/Pralidoxime Auto Injector
Epinephrine 1:10,000	Sodium Bicarbonate
Etomidate	Sodium Thiosulfate
Fentanyl	Succinylcholine
Glucagon	Vinegar (Topical)