

# SIERRA-SACRAMENTO VALLEY EMS AGENCY ALS PROGRAM POLICY

REFERENCE NO. 701

**SUBJECT: ALS INVENTORY**

---

**PURPOSE:**

To establish a standardized inventory on all S-SV approved Advanced Life Support EMS response vehicles.

**AUTHORITY:**

California Health and Safety Code, Division 2.5, Sections 1797.204, 1797.220

California Code of Regulations, Title 22, Division 9, Section 100173

California Code of Regulations, Title 13

California Vehicle Code, Section 2418.5

Emergency Medical Services Authority Guidelines and Recommendations,  
Highway Patrol Handbook 82.4

**POLICY:**

All S-SV approved ALS EMS response vehicles shall carry the following Basic Life Support inventory. Reasonable variations may occur; however, any exceptions or additions shall have prior approval of the S-SV EMS Agency.

**For inventory list see attached table**

---

**Effective Date: 02/01/07**  
**Next Review Date: 10/09**  
**Approved:**

**Date last Reviewed / Revised: 10/06**  
**Page 1 of 6**

William J. Koenig, MD  
S-SV EMS Medical Director

Leonard R. Inch  
S-SV EMS Regional Executive Director

<b>Sierra-Sacramento Valley EMS Agency</b>			
<b>EQUIPMENT AND SUPPLY SPECIFICATIONS - ALS</b>			
	<b>MINIMUM QUANTITY REQUIRED</b>		
	<b>ALS Transport</b>	<b>ALS NON Transport</b>	<b>BIKES</b>
<b>RADIO EQUIPMENT</b>			
10 Channel UHF Mobile Med-Net Radio (Installed in Vehicle)	1	1	1 or
Portable (hand-carried) UHF Med-Net Radio or Portable Cell Phone	1	1	1
<b>MISCELLANEOUS EQUIPMENT</b>			
Map Book (covering the areas the ambulance provides service)	1 each	1 each	0
D.O.T Emergency Response Guidebook	1	1	0
Hazardous Materials Medical Management Reference	1	1	0
EMS Response Forms & AMA Forms	10 each	5 each	5 each
Triage Tags with Ties - waterproof	10 each	10 each	0
Infection control packs (per crew member)	1 pk each	1 pk each	1 pk
Antiseptic hand wipes (optional)	10	10	10
Covered waste container (Red Bio Hazard Bags acceptable)	1	1	0
<b>BP cuffs (Portable):</b>			
Adult & Pediatric	1 each	1 each	1 each
Thigh	1	1	0
Stethoscope	1	1	1
Flashlight or Penlight	1	1	1
Bedpan or Fracture pan	1	0	0
Urinal	1	1	0
Sharps container	1	1	1
<b>Restraints:</b>			
Padded soft wrist & Ankle restraints	1 set	1 set	0
Leather restraints (Optional)	1 set	1 set	0
Pillows, sheets, pillow cases, towels	2 each	0	0
Blankets	2	2	0
Emesis basin or Disposable bags	2	2	0
Length based Pediatric Resuscitation Tape (Broselow)	1	1	1
Ambulance cot and collapsible stretcher or two stretchers, one of which is collapsible	1 each	0	0
Straps to secure patient to the stretcher or ambulance cot and means of securing stretcher or ambulance cot in the vehicle	Asst.	0	0
Thermometer (optional)	1		
<b>BIOMEDICAL EQUIPMENT</b>			
<b>Monitor/defibrillator equipment:</b>			
Monitor/defibrillator - Portable, battery operated, with EKG printout, capable of synchronized cardioversion. (transcutaneous pacing &/or 12 lead capability optional).	1	1	0
Cardiac Monitor	0	0	1
AED defibrillator	0	0	1
Spare monitor/ Defib.battery	1	1	1 each
Defibrillator paddles - Adult & Pediatric	1 set each	1 set each	1 set each
<b>OR</b>			
Hands free defibrillator patches	2	2	2
Electrode leads ( Wires - one spare set)	2 sets	2 sets	2 sets
EKG paper - Spare roll	1	1	1
Adult disposable electrodes	4 sets	2 sets	2 sets
Pediatric disposable electrodes	2 sets	1 set	2 sets
Defibrillation gel pads or paddle conduction paste	2 sets	2 sets	2 sets

<b>Sierra-Sacramento Valley EMS Agency</b>			
<b>EQUIPMENT AND SUPPLY SPECIFICATIONS - ALS</b>			
	<b>MINIMUM QUANTITY REQUIRED</b>		
	<b>ALS Transport</b>	<b>ALS NON Transport</b>	<b>BIKES</b>
<b>BIOMEDICAL EQUIPMENT continued</b>			
<b>Glucometer</b>	1	1	1
Glucometer test strips	10	10	5
Spare Glucometer Lancets	10	10	5
<b>Capnograph (optional)</b>	1 non disp	1 non disp	1 non disp
<b>Pulse oximeter</b>	1	1	1
<b>AIRWAY EQUIPMENT</b>			
<b>Oxygen</b>			
H or M Tank Mounted in ambulance	1	0	0
<b>Portable Oxygen</b>			
"C" Cylinder	0	0	1
"D" or "E" Cylinder	1	1	0
"D" or "E" Cylinder spare	1	1	1 optional
Regulator w/ liter flow (2,4,6...15)	1	1	1
<b>O<sub>2</sub> Mask (transparent)</b>			
Adult non-rebreather mask	6	2	1
Pediatric masks	6	2	1
Nasal cannula	6	2	1
<b>Inhalation Therapy supplies</b>			
Hand held nebulizer	2	1	1
Aerosol mask or equivalent	2	1	0
<b>Bag-valve Device (with O<sub>2</sub> inlet, reservoir &amp; one way valves)</b>			
Adult (1000 cc bag vol.)	1	1	1
Pediatric (450 - 500 cc bag vol.)	1	1	0
<b>Bag-valve Mask (transparent)</b>			
Large (adult)	1	1	1
Medium (adult)	1	1	0
Small (adult)	1	1	0
Child	1	1	1
Neonatal	1	1	1
<b>Airways:</b>			
Oropharyngeal (sizes 0-6 or equivalent sizes)	2 each	2 each	1 each
Nasopharyngeal (sizes 30-34 Fr. or equivalent sizes)	2 each	2 each	1 each
<b>Suction equipment and supplies:</b>			
Suction catheters - 6 fr, 8 fr, 10 fr, 14 fr	2 each	2 each	0
Tonsillar tip suction	2	2	0
Bulb syringe suction (OB kit acceptable)	1	1	
Portable Mechanical Suction unit	1	1	1 or
Manual Suction Device: (including suction tubes for Pediatric & adult)	0	0	1
<b>Intubation Equipment:</b>			
Laryngoscope handle	1	1	1
Batteries- extra set	2	2	1
Bulb - extra bulb for adult and pediatric Blade	1 each	1 each	1 each
Miller (straight blade) sizes 0-4	1 each	1 each	1 each
McIntosh (curved blade) sizes 3-4	1 each	1 each	1 each
Magill forceps: Adult, Child	1 each	1 each	1 each
Water soluble Lubricant (K-Y jelly)	4	1	1
Endotracheal Tubes			
Uncuffed, sizes 2.5, 3.0, 3.5, 4.0, 4.5, 5.0, 5.5	2 each	2 each	1 each
Cuffed, sizes 6.0, 6.5, 7.0, 7.5, 8.0, 8.5	2 each	2 each	1 each

<b>Sierra-Sacramento Valley EMS Agency</b>			
<b>EQUIPMENT AND SUPPLY SPECIFICATIONS - ALS</b>			
	<b>MINIMUM QUANTITY REQUIRED</b>		
	<b>ALS Transport</b>	<b>ALS NON Transport</b>	<b>BIKES</b>
<b>AIRWAY EQUIPMENT continued</b>			
Cuffed size 9.0	2 each	2 each	0
Endotracheal tube Stylettes - Neonatal, Child, & Adult	1 each	1 each	1 each
Esophageal Tracheal Airway Device - Adult 37 and 41 Fr	1 each	1 each	0
Flex Guide ETT introducer - Caude tip 15 fr x 70 cm	2	2	1
<b>Miscellaneous Airway Equipment</b>			
Jet insufflation device or ENK Flow Modulator	1	1	1
Needle thoracostomy kit	1	1	1
Esophageal intubation detector device	2	1	1
2% Lidocaine jelly	1 tube	1 tube	1 tube
Meconium aspirator	1	1	0
End tidal CO <sub>2</sub> detector device			
(disposable or non-disposable) (pediatric patient only)	2 disp	2 disp	1 disp
OR Capnograph (optional - see Biomedical Equipment)			
Topical vasoconstrictor	1	1	1
ET tube holder	2	2	1
Airway airflow monitor (optional)	2	2	0
Inspiratory Impedance Threshold Device (optional)	2	2	0
<b>IMMOBILIZATION EQUIPMENT</b>			
Medi-Ked	1	1	0
Long spine board with straps	2	2	0
Pediatric Spine board or S-SV approved equivalent (KED)	1	1	0
Foam-filled or equivalent S-SV approved head immobilization	2 pair	2 pair	0
Hare traction splint, sager or equivalent	1	1	0
Fixation splints (Arm, Leg)	3 each	3 each	0
Duct tape (optional)	1 roll	1 roll	0
Cervical Collars (rigid)			
Large, medium, small, pediatric or	2 each or	2 each or	0
Adjustable - Adult, pediatric	2 each	2 each	
<b>OBSTETRICAL EQUIPMENT</b>			
OB Kit containing a minimum: sterile gloves, umbilical cord tape or clamps (2), dressings, towels, bulb syringe and clean plastic bags.	2 kits	1 kit	1 kit
Stocking head cap (infant)	2	2	0
<b>BANDAGING EQUIPMENT</b>			
Triangle bandages	4	4	4
Adhesive tape rolls 1" & 2" rolls	2 each	2 each	1 each
Sterile 4x4 compresses	12	12	4
Non sterile 4x4 compresses	50	50	10
Kling/Kerlix in 2" or 3" or 4" rolls	10	6	4
Trauma dressing (10"x30" or larger universal dressings)	4	2	1
Surgipads- optional	6	6	2
Band-Aids	1 box	1 box	10
Sterile petroleum impregnated dressing	4	4	2
Cold packs and heat packs	2 each	2 each	2 each
Gloves (unsterile) various sizes	1 box each	10 each	2 pr each
Sterile saline for irrigation	2 liters	2 liters	0
Potable water	2 liters	2 liters	0
Bandage shears	1 pr	1 pr	1 pr

<b>Sierra-Sacramento Valley EMS Agency</b>			
<b>EQUIPMENT AND SUPPLY SPECIFICATIONS - ALS</b>			
	<b>MINIMUM QUANTITY REQUIRED</b>		
	<b>ALS Transport</b>	<b>ALS NON Transport</b>	<b>BIKES</b>
<b>IV/MEDICATION SUPPLIES</b>			
Catheter over needle- 14 gauge, 16, 18, 20	6 each	4 each	2 each
Catheter over needle- 22 gauge, 24	2 each	2 each	2 each
Micro-drip & Macro-drip venosets	4 each	2 each	1 each
<b>OR</b>			
Selectable Drip chambers	6	6	2
Blood administration tubing (optional)	2	2	0
Volutrol/soluset	2	1	1
IV extension	4	2	1
IV start pack or equivalent with tourniquets	4	4	2
Alcohol wipes & Betadine Swabs	20 each	10 each	8 each
<b>Syringes assorted sizes:</b>			
TB syringe	2	2	2
1 cc	3	2	2
3 - 5 cc	3	2	2
10 - 12 cc	3	2	2
20 cc	1	1	1
50-60 cc Irrigation tip syringe	1	0	0
<b>Safety Injection Needles</b>			
22ga, 25ga	2 each	2 each	2 each
Vial access Cannulas	2 each	2 each	2 each
<b>Intraosseous access (I/O)</b>			
<b>Needles (Baxter Jamshidi/Illinois) for pediatric access</b>			
15 gauge 3/8"	2	1	1
15 gauge 1 7/8"	2	1	1
<b>OR</b>			
15 gage adjustable needles - 3/8" to 1 7/8" capable	2	1	1
<b>OR</b>			
<b>FDA Approved drill type device</b> for adult and pediatric lower extremity I/O access, approved by the provider Medical Director or LEMSA Medical Director	1	1	1
Pediatric I/O needles for drill type device 15 ga x 15mm long	2	1	1
Adult I/O needles for drill type device 15 ga x 25mm long	2	1	1
Lidocaine HC1 2% (100mg/5ml) in I/O kit	1	1	1
Arm boards - (short, long)	2 each	1 each	0
Blood Tubes (red top) - (optional)	4	2	0
Vacutainer holder (optional)	1	1	0
Vacutainer needles (optional)	4	4	0
Vials sterile Normal Saline for injection (optional)	2	2	1
<b>IV SOLUTIONS</b>			
Normal saline	8 liters	3 liters	2 liters
Normal saline - 250 cc or 500 cc bags (optional)	4	1	0
<b>MEDICATIONS</b>			
2 PAM Chloride 1 gm/20 ml vial	(Optional)	(Optional)	(Optional)
Activated charcoal (50 gm)	1	1	0
Adenosine 6 mg - vial or pre-filled syringe	10	5	5
Albuterol - 2.5mg (pre-mixed w/NS) If not premixed; Normal Saline 2.5cc, without preservatives, is required for dilution of each dose.	3	2	2
Amiodarone 3 ml - 150 mg (50 mg/ml) single-dose pre-filled syringe	6	6	6

<b>Sierra-Sacramento Valley EMS Agency</b>			
<b>EQUIPMENT AND SUPPLY SPECIFICATIONS - ALS</b>			
	<b>MINIMUM QUANTITY REQUIRED</b>		
	<b>ALS Transport</b>	<b>ALS NON Transport</b>	<b>BIKES</b>
<b>MEDICATIONS continued</b>			
Aspirin (chewable)	1 bottle	1 bottle	1 bottle
Atropine (1.0 mg/10ml)	6	6	4
Atropine 10mg multidose vials (optional)	5-12 vials	5-12 vials	0
Benadryl (50 mg/ml)	2	2	2
Benadryl elixir - 100 mg	1	1	1
Calcium chloride 10% - (1 gm/10ml)	4	2	1
Dextrose 50% (25gm/50ml)	2	2	1
Dextrose 25% (12.5gm/10ml)	2	1	0
Diazepam (valium) (10mg/ml unit dose)	20-40 mg	20-40 mg	20 mg
<b>OR</b>			
Midazolam (Versed) 1 mg/cc concentration	6-12 mg	6-12 mg	6 mg
Dopamine 400 mg	1	1	0
Epinephrine 1:1000	4 mg	2 mg	2 mg
Epinephrine 1:10,000 (1mg/10ml)	8	4	4
Furosemide 40 mg (10mg/ml)	2	3	2
Glucagon 1mg (1unit)	2	2	1
Glucose paste - (Oral prepackaged)	2	2	1
Glucose Solution (oral prepackaged) (Optional)	2	2	1
Mark-I / Nerve Agent Antidote Kits	(Optional)	(Optional)	(Optional)
Atropen – 2 mg atropine in 0.7 ml & Parlidoxime Chloride Auto-Injector – 600 mg pralidoxime chloride in 2 ml ComboPen	3 kits per person on vehicle no maximum		
Morphine HCL 10 mg/ml unit dose	20-60 mg	20-60 mg	20 mg
Naloxone (Narcan) 2.0 mg	8	4	3
Nitroglycerine 0.4 mg/tab (1/150) bottle	1 bottle	1 bottle	1 bottle
<b>OR</b>			
Nitro spray actuation	2	1	1
Sodium Bicarbonate (50mEq/50ml)	2	1	1
Double lock container system for controlled meds.	1	1	1
Controlled substance log sheet	1	1	1