

PURPOSE: To provide a standardized minimum inventory on all Advanced Life Support (ALS) Emergency Medical Services (EMS) aircraft.

PRINCIPLE: Any equipment or supplies carried for use in providing emergency medical care must be maintained in good working order.

POLICY:

- I. Each ALS EMS aircraft shall have on board equipment and supplies commensurate with the scope of practice of the medical flight crew. This requirement may be fulfilled through the utilization of appropriate kits (cases/packs) which can be carried aboard a given flight.
- II. ALS EMS aircraft shall have sufficient space to carry the following minimum medical equipment and supplies. Reasonable variations may occur; however, any exceptions must have prior approval of the EMS Agency.
- III. Controlled drugs shall be secured on the EMS aircraft in accordance with Ref. No. 702, Controlled Drugs Carried on ALS Units.
- IV. All sharps must comply with CCR, Title 8, Section 5193, Bloodborne Pathogens.

MEDICATIONS			
Adenosine	18mgs	Glucagon	1mg
Albuterol (pre-mixed w/ NS)	20mgs	Ketorolac 15mgs/mL OR	4
Amiodarone	600mgs	Ketorolac 30mgs/2mLs	2
Aspirin (chewable 81mg)	648mgs	Lidocaine 2% ⁴	200mgs
Atropine sulfate (1mg/10mL)	3mgs	Midazolam ⁵	15mgs
Calcium chloride	2gms	Morphine sulfate ⁶	20mgs
Dextrose 10% / Water 250mL	2 bags	Naloxone	2mgs
Dextrose - glucose paste/gel	45gms	Normal saline (for injection)	3 vials
Diphenhydramine	100mgs	Nitroglycerin (SL) spray, tablets, or single dose powder packets	1 pump/ bottle/ or 36 packets
Epinephrine (1mg/mL)	7mgs	Olanzapine 10mg ODT	20mgs
Epinephrine (0.1mg/mL)	6mgs	Ondansetron 4mg ODT	16mgs
Fentanyl ^{2,3}	500mcgs	Ondansetron 4mg IV	16mgs
		Sodium bicarbonate	100mLs
		Tranexamic Acid (TXA)	2gms
INTRAVENOUS FLUIDS			
Normal saline 1000 mL	4 bags	Normal saline 50 or 100 mL ¹⁴	2 bags

EFFECTIVE: 01-01-78

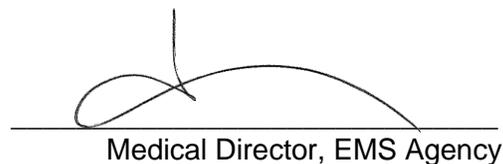
PAGE 1 OF 4

REVISED: 12-01-23 (or effective upon completion of EMS Update 2023)

SUPERSEDES: 07-01-23

APPROVED:


 Director, EMS Agency


 Medical Director, EMS Agency

SUPPLIES				
Adhesive dressing (Band-Aids®)	1 box	Color Code Drug Doses, Ref. No. 1309	1	
Airways – Nasopharyngeal:		Commercial Catheter-Over-Needle Chest Decompression Needles 3.0-3.5" 14G	2	
Large (34-36)	1	Contaminated needle container	1	
Medium (26-28)	1	Continuous Positive Airway Pressure (CPAP) device: ^{3,7}		
Small (20-22)	1		Small	1
Airways – Oropharyngeal:			Medium	1
Large	1	Large	1	
Medium	1	Endotracheal tubes w/ stylets Sizes 6.0-8.0	2 each	
Small Adult/Child	1	Tube introducer	2	
Infant	1	End Tidal CO2 Detector (Adult)	1	
Neonate	1	Extrication device or short board	1	
Alcohol prep pads	20	Filter, viral HEPA	2	
Backboard	1	Flashlight or Penlight	1	
Bag-Mask-Ventilation (BMV) device w/ O2 inlet & reservoir:		Gauze bandages	6	
Bag Volume >900 mL mL ¹²	1	Gauze sponges 4x4 (sterile)	12	
Bag Volume 400-700 mL ¹²	1	Gloves, sterile	2 pair	
Bag Volume 200-450 ¹²	1	Gloves, unsterile	1 box	
Bag-Mask-Ventilation (BMV) Masks:		Glucometer w/ strips	1	
Large	1	Lancets (automatic retractable)	5	
Medium	1	Hand-held nebulizer pack	2	
Small Adult/Child	1	Intraosseous device: ^{3,7}		
Toddler	1	Adult	1	
Infant	1	Pediatric	1	
Neonate	1	Intravenous catheters: Sizes 16G - 22G	4 each	
Burn pack or burn sheet	1	Intravenous tubing - Macro drip	5	
Cervical collars (rigid):		i-gel (Disposable Supraglottic Airway):		
Adult (adjustable)	1	Neonate (size 1)	1	
Pediatric	1	Infant (size 1.5)	1	
Cardiac Monitor-Defibrillator w/ oscilloscope	1	Small pediatric (size 2)	1	
Defibrillator pads or paste (including pediatric)	2 each	Large pediatric (size 2.5)	1	
ECG electrodes:		Small adult (size 3)	1	
Adult	8-10	Medium adult (size 4)	1	
Pediatric	8-10	Large adult+ (size 5)	1	
ECG, 12-lead & transmission capable	1	Laryngoscope blades:		
Noninvasive blood pressure monitor	1	Adult: curved & straight	1 each	
Pulse oximeter	1	Pediatric: Miller #1 & #2	1 each	
Transcutaneous pacing	1	Laryngoscope handle:		
Waveform capnography	1	Adult (compatible w/ pediatric blades)	1	

SUPPLIES (continued)			
Magill forceps:		Scissors	1
Adult	1	Syringes 1mL – 60mL w/ luer adapter	Assorted
Pediatric	1	Hemostats, padded	1
Manometer	2	Sphygmomanometer:	
Mucosal Atomization Device (MAD)	2	Thigh	1
Needle, filtered-5micron ⁸	2	Adult	1
Normal saline for irrigation	1 bottle	Pediatric	1
OB pack & bulb syringe ⁹	1	Infant	1
Oxygen cannulas:		Splints:	
Adult	2	Long	2
Pediatric	2	Short	2
Oxygen masks – (non-rebreather):		Splints – traction:	
Adult	2	Adult	1
Pediatric	2	Pediatric	1
Infant	2	Stethoscope	1
		Suction unit (portable) w/adapter	1
		Suction catheters:	
		Size 8Fr.	1
		Size 10Fr.	2
		Size 12Fr.	4
Standardized Pediatric Length-Based Resuscitation Tape, approved by the EMS Agency (e.g., Broselow 2011A or newer)	1	Tonsillar tip	1
Personal Protective Equipment:		Tape (various types, must include cloth)	1
Mask	1 per provider	Thermometer (Oral or axillary)	1
Gown	1 per provider	Tourniquets (IV)	2
Eye protection	1 per provider	Tourniquets (commercial for bleeding control)	2
Radio transmitter receiver (Hand-Held) ¹⁰	1	Vaseline gauze	2
Saline locks	4		

APPROVED OPTIONAL EQUIPMENT	
Albuterol / Metered Dose Inhaler (MDI) ¹³	Metered-Dose-Inhaler (MDI) Mask ¹³
Dextrose 25%	Metered-Dose-Inhaler (MDI) Spacer ¹³
Hemostatic dressings – EMS Authority approved dressings only	Resuscitator w/ positive pressure demand valve (flow rate not to exceed 40L/min)
Oxygen masks – simple	Airflow Meter Device with rate and volume capability ¹¹
Normal saline 250 or 500 mL	

¹ **Disaster Cache minimum contents include: (9) DuoDote kits or equivalent; And when available: (6) AtroPen Auto Injector 1.0mg (6) AtroPen Auto Injector 0.5mg – Pediatric Use**

² **Fentanyl carried on ALS Unit is not to exceed 1500mcgs.**

³ **Requires EMS Agency approval, which includes an approved training program & QI method prior to implementation.**

- ⁴ Utilized w/ infusions through IO access.
- ⁵ Midazolam carried on ALS Unit is not to exceed 40mgs.
- ⁶ Morphine sulfate carried on ALS Unit is not to exceed 60mgs.
- ⁷ Mandatory for providers that respond to medical emergencies via the 9-1-1 system.
- ⁸ Optional, if not utilizing glass ampules.
- ⁹ OB kits w/ clamps / scissors (no scalpels).
- ¹⁰ Los Angeles County Department of Communications, Spec. No. 2029/2031/2033.
- ¹¹ An airflow meter device or monitor/defibrillator with rate and volume feedback capability may be substituted for or in addition to a manometer.
- ¹² Device volume, not delivered volume.
- ¹³ All required if using Albuterol / Metered Dose Inhaler (MDI)
- ¹⁴ Tranexamic Acid (TXA) premix 1gm in 50-100mL x 2 replaces the NS 50-100mL bag requirement

This policy is intended as an ALS Unit inventory only. Supply and resupply shall be in accordance with Ref. No. 701, Supply and Resupply of Designated EMS Provider Units/Vehicles.

CROSS REFERENCES:

Prehospital Care Manual:

Ref. No. 701,	Supply and Resupply of Designated EMS Provider Units/Vehicles
Ref. No. 702,	Controlled Drugs Carried on ALS Units
Ref. No. 710,	Basic Life Support Ambulance Equipment
Ref. No. 712,	Nurse Staffed Specialty Care Transport Unit Inventory
Ref. No. 1104	Disaster Pharmaceutical Caches Carried by First Responders