

**AIR RESCUE UNIT INVENTORY****I. APPLICATION:**

This policy defines the standard drug and equipment inventory for basic life support (BLS) and advanced life support (ALS) air rescue units in Orange County. This inventory list applies to air rescue units only and differs from the standard required inventories to minimize the weight burden for aircraft. Title 8 CCR Section 5193, Bloodborne Pathogens, requires sharps injury prevention/ needleless products to be utilized when appropriate.

II. POLICY:

Each OCEMS authorized BLS and ALS Air Rescue unit shall carry the following minimum equipment, supplies and drug inventory. Addition of equipment, supplies, or drugs not listed in this policy to air rescue inventory must be pre-approved by the Orange County EMS Medical Director. All equipment must be latex free.

III. EQUIPMENT**STANDARD BLS Air Rescue Unit Equipment:**

AED (BLS Units Only)	AED, AED Pads and Razor (manual control monitor/defibrillator required for ALS units)
AUTOMATIC CPR CHEST COMPRESSION UNIT:	Battery powered, constricting band <u>or</u> plunger stabilized by chest band
BAG-VALVE DEVICE WITH OXYGEN INLET AND RESERVOIR:	adult, pediatric
EXTRICATION SPLINT: (STRETCHER)	Horizontal flexibility, vertical rigidity; stabilizes head, neck and back (appropriate for spinal motion restriction)
GLUCOSE METER	With test strips and lancets
OXYGEN:	On board aircraft oxygen supply or portable "D" cylinder oxygen tank(s)
OC-MEDS TABLET	OC-MEDS capable tablet/computer for PCR documentation
PULSE OXIMETER	Fingertip <u>or</u> portable
SUCTION UNIT:	Portable or handheld manual operation, with disposable canister and large bore (tonsil tip type) catheters
SPHYGMOMANOMETER:	20 to 300 mm Hg. dial with no pin stop Blood pressure cuffs - Pediatric and adult cuffs
TRACTION SPLINTS:	Lightweight, portable: adult, pediatric

OPTIONAL BLS Air Rescue Unit Equipment:

BACKBOARDS:	Surface must be sealed and allow for decontamination between each patient use. Design should include a minimum of three straps (may be disposable) / with or without head immobilization device for backboard
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IV. BLS Air Rescue Unit Supplies:

Airway, nasopharyngeal: adult and pediatric sizes
Airway, oral: Adult and pediatric sizes
Alcohol wipes
Bags - Bio and Regular (for trash or emesis)
Bandage Shears
Blanket, clean / disposable (may use for burn covering)
Cannulas, nasal oxygen: Adult and pediatric
C-Collar, semi rigid or inflation design adult and pediatric sizes or adjustable collars
Catheter, suction: sizes #6, #10, #14,
Combitubes®: Regular and Small Adult or King Airway 4, 5
CO₂ detector – End tidal CO₂ detector (colorimetric or other FDA approved capnography device)
Dressings
 Kerlix roll
 4X4 gauze Sponges Sterile and Nonsterile
 ACE Wrap (3 inch width)
Gloves: Assorted sizes clean
Mask, oxygen non-rebreather: adult and pediatric
Pediatric length-based resuscitation tape
Penlight/flashlight
Personal protective equipment (masks, gowns, gloves, eye shields)
Razors, disposable
Restraints: Soft or Hard leather
Sharps needle disposal unit
Stethoscope
Syringes sizes:
 1 mL
 12 (10) mL
Syringe, catheter tip (for irrigation)
Splint Cardboard or SAM
Tape: assorted sizes and types
Tourniquet with quick release

Optional BLS Air Unit Supplies:

Airway adapters: 22mm, 15mm
Bag - Emesis
Burn dressing: Clean sheet or approved burn covering
Cold packs, chemical
Dressings: 5x9 ABD dressing
ET tube holders
Solution, sterile; NS 1000 mL (for irrigation)
Triangular Bandage
Thermometer; temporal, otic, or oral; electronic with disposable patient contact probes, FDA Approved.



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V. ALS AIR RESCUE UNIT EQUIPMENT:

ALS AIR RESCUE UNIT EQUIPMENT INCLUDES ALL STANDARD BLS EQUIPMENT AND SUPPLIES LISTED ABOVE AND THE FOLLOWING:

LARYNGOSCOPE:	Battery operated, quick change blades Handles: Adult and/or pediatric Batteries (extra) Blades: Adult - (single use/disposable acceptable) Pediatric for laryngoscopic foreign body removal - straight #1 and #2 (single use/disposable acceptable)
MAGILL FORCEPS:	Adult and pediatric; closed tip
MONITOR / DEFIBRILLATOR	(Manual Control, Biphasic Output - FDA approved): ECG Leads/Defibrillation-Pacing pads and cables Defibrillation capability / transcutaneous cardiac pacing capability Synchronizing countershock capability ECG monitoring capability with internal acute myocardial infarction interpretation capability Recorder: Must be able to produce a paper print out or transmissible electronic ECG copy of high quality. May include pulse oximetry and ETCO ₂ detection modules with output Batteries/Charge Units as Main Power Source

OPTIONAL AIR RESCUE UNIT EQUIPMENT:

VIDEO LARYNGOSCOPE:	Hand held preferred
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VI. ALS AIR RESCUE UNIT SUPPLIES

ALS AIR RESCUE UNIT SUPPLIES INCLUDE ALL STANDARD BLS SUPPLIES LISTED ABOVE AND THE FOLLOWING:

Acorn nebulizer: mouth and aerosol mask
ET tube: Assorted Adult sizes
Flexible intubation guide
Intraosseous (IO) needles with or without mechanical drill placement device
IV catheters, over needle sizes 16 through 22 gauge
IV rate flow regulator
IV tubing: Macro drip, 15 drops/mL or 10 drops/MI
IV tubing must have at least two medication injection sites. Recommended tubing has a "Y" adapter
Lock, saline
OB kit with Bulb syringe
Needle- ARS type for chest decompression or Needle chest decompression kit (needle minimum 2 ½-inch length)
Needles: sizes: 18ga; 20ga (21ga);
Stylette, malleable (for ET tubes)
Syringes sizes: 3 mL, 6 (5) mL
Tourniquets, IV

**AIR RESCUE UNIT INVENTORY****DRUG INVENTORY BLS RESCUE**

MEDICATION	PREPARATION
Oral glucose solution	Various formulations

DRUG INVENTORY ALS RESCUE

MEDICATION	PREPARATION
Adenosine	6 mg/vial or prefilled syringe, OR 12 mg/vial or prefilled syringe
Albuterol (for inhalation)	3.0 mL (2.5 mg) of a 0.083% solution OR metered dose inhaler (Single use)
Amiodarone	50 mg/mL, vial or prefilled syringe
Aspirin, chewable	81 mg tablet individually packaged
Atropine	1 mg ampule, vial, or prefilled syringe
Dextrose 10%	250 mL sterile bag
Diphenhydramine	50 mg vial or prefilled syringe
Epinephrine 0.1 mg/mL	1 mg/10 mL prefilled syringe
Epinephrine 1.0 mg/mL	1 mg/1 mL ampule
Fentanyl and/or Morphine sulfate	100 mcg vial 4, 5 or 10 mg vial or prefilled syringe
Oral glucose solution	Various formulations
Glucagon	1 mg ampule with diluent
Midazolam	5 mg vial or prefilled syringe
Naloxone	Ampule, vial, prefilled syringe, or nasal spray
Nitroglycerin	0.4 mg/metered dose spray, 0.4 mg/tab, <u>or</u> powder packet
Normal saline	10 mL prefilled syringe or vial Without preservative, for respiratory treatment
Normal saline	1000 mL sterile IV bag
Ondansetron	Oral Dissolvable tablet or solution for injection



AIR RESCUE UNIT INVENTORY

Ketamine (pilot project)	Appropriate concentration for either IM or IN administration
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Approved:

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