

Ground Ambulance BLS	Ground Ambulance ALS	Nontransport BLS	Nontransport ALS	Air Ambulance	Neonatal Ambulance	MIH/CP Vehicle
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OEMS - Required Vehicle Equipment List (RVEL)	
GROUND AMBULANCE Basic Live Support (BLS)	
CATEGORY	
Airway, Ventilation, and Oxygenation	<ul style="list-style-type: none"> • Oxygen supply, portable and on-board <ul style="list-style-type: none"> ○ Portable oxygen unit containing a quantity of oxygen sufficient to supply the patient at the approximate flow rate for the period of time it is anticipated oxygen will be needed but not less than 10 liters per minute for 15 minutes. The unit must be capable of being manually controlled and have an appropriate flowmeter (1) ○ Installed oxygen system containing a sufficient quantity of oxygen to supply two patient flowmeters at the appropriate flow rate for the period of time it is anticipated oxygen will be needed but not less than 10 liters per minute for 30 minutes. This unit must be capable of being manually controlled, have two flowmeters, and have an attachment available for a single-use humidification device (1). • Devices capable of delivering oxygen in a titratable manner through <u>nasal</u> and <u>partial face -or- full-face mask</u> routes in sizes to fit child through adult (4 adult and 2 child each) • Oropharyngeal airways set of six, in infant, child, and adult sizes ranging from 43mm to 100mm (sizes 0-5) (1 each). • Nasopharyngeal airways set of four, in sizes to fit neonates to adults {with water soluble lubricant}. • Portable battery powered suction device with rigid oral and flexible pharyngeal/tracheal suction catheters in sizes to fit neonates to adults • Installed suction device with rigid oral and flexible pharyngeal/tracheal suction catheters in sizes to fit neonates to adults

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OEMS - Required Vehicle Equipment List (RVEL)	
GROUND AMBULANCE Basic Live Support (BLS)	
CATEGORY	
	<ul style="list-style-type: none"> A device capable of providing non-invasive positive pressure ventilation (NIPPV)(e.g. CPAP) Self-inflating manual ventilation devices and masks to fit neonates, child and adults
Bleeding, Hemorrhage Control, Shock Management, and Wound Care	<ul style="list-style-type: none"> Commercial arterial tourniquets Wound packing material (Wound packing material may include plain gauze and/or hemostatic dressings.) Sterile, individually wrapped gauze sponges (4x4 or assorted sizes)(12) Roller or conforming gauze of assorted widths (6). Trauma dressings, a minimum of 8" x 10" - 5/8 ply when folded, sterile and individually wrapped (2) 1" and 2" Adhesive tape Sterile occlusive dressings (aka "chest seal") Sterile saline for irrigation of wounds {2L}

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OEMS - Required Vehicle Equipment List (RVEL)	
GROUND AMBULANCE Basic Live Support (BLS)	
CATEGORY	
Cardiovascular & Circulation Care	<ul style="list-style-type: none"> Automatic External Defibrillator (AED) with adult and pediatric capabilities. Two sets adult AND one set pediatric OR two sets of combination pads
Diagnostic Tools	<ul style="list-style-type: none"> Glucometer Pulse Oximeter Stethoscopes Blood Pressure Cuffs in sizes to fit child, adult and large adult Thermometer
Infection Control	<ul style="list-style-type: none"> Items necessary for Universal & Standard Precautions <ul style="list-style-type: none"> Waterless hand cleanser Sharps container (mounted or commercially secured) Supplies for collection or absorption of patient vomit, urine, and/or feces

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OEMS - Required Vehicle Equipment List (RVEL)	
GROUND AMBULANCE Basic Live Support (BLS)	
CATEGORY	
	<ul style="list-style-type: none"> ○ Biohazardous materials collection bags ○ Products appropriate for cleaning and disinfecting surfaces and equipment • Items necessary for the following Transmission-based Precautions: <ul style="list-style-type: none"> ○ <u>Contact precautions</u>: Examination gloves, nonsterile, pairs in sizes small through extra large (10 each), eye protection & gowns for each crew member ○ <u>Droplet precautions</u>: surgical masks and eye protection for each crew member ○ <u>Airborne precautions</u>: N95 facemasks in provider-appropriate sizes AND eye protection OR Powered Air-Purifying Respirator (PAPR) for each crew member • General trash collection bags
Medications	<ul style="list-style-type: none"> • Medications that are authorized by agency BLS protocols
Medication Delivery and Vascular Access	<ul style="list-style-type: none"> • Devices and supplies needed to administer medications via routes (Oral, Inhaled, Intramuscular, Intranasal) included in agency/OMD approved scope of practice and applicable protocol(s)

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OEMS - Required Vehicle Equipment List (RVEL)	
GROUND AMBULANCE Basic Live Support (BLS)	
CATEGORY	
	<ul style="list-style-type: none"> Supplies for application of antiseptic to skin (e.g. alcohol preps)
	<p><i>PEDIATRIC SPECIFIC</i></p> <ul style="list-style-type: none"> Tools that provide pre- calculated weight-based dosing and preclude the need for calculation by EMS providers can reduce dosing errors.
Neonatal Care	<p><i>PEDIATRIC SPECIFIC</i></p> <p>Commercial OB kit(2) OR Newborn delivery supplies:</p> <ul style="list-style-type: none"> 2 umbilical cord clamps Tool for cutting umbilical cord Bulb suction Infant head cover Towels Blanket

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OEMS - Required Vehicle Equipment List (RVEL)	
GROUND AMBULANCE Basic Live Support (BLS)	
CATEGORY	
	<ul style="list-style-type: none"> • Gauze dressings • Material or device intended to maintain body temperature
Orthopedic Injury Care	<ul style="list-style-type: none"> • Splinting material or commercial devices for immobilization of orthopedic extremity injuries including but not limited to: <ul style="list-style-type: none"> ○ Femoral splinting materials which may include either simple non-traction devices or devices that provide femoral traction. ○ Pelvic splinting materials which includes a commercial pelvic circumferential compression device (PCCD) • Cold packs (2) • Elastic bandages
Patient Packaging, Evacuation, and Transport	<ul style="list-style-type: none"> • Long spine boards (2) with at least four appropriate restraint straps, cravats, or equivalent restraint devices (or one long spine board and one scoop stretcher) • Pediatric immobilization device (1)

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OEMS - Required Vehicle Equipment List (RVEL)	
GROUND AMBULANCE Basic Life Support (BLS)	
CATEGORY	
	<ul style="list-style-type: none"> • Rigid cervical collars in sizes small adult, medium adult, large adult, and pediatric (3 each). If adjustable type collars are used, then a minimum of three are sufficient. • Cervical immobilization devices (i.e., set of foam blocks, towels or other approved materials) (2). • Collapsible "stair chair" • Wheeled multi-level gurney {restraints to manufacturer specifications} • Pillows and linens for cots/stretchers (2 sets)
	<p><i>PEDIATRIC SPECIFIC</i></p> <ul style="list-style-type: none"> • Pediatric-specific restraint system or age/size-appropriate car safety seat^f <p>^f Restraint devices should meet applicable crash-testing standards, as they are developed and published, and should appropriately meet individual patient weight, length, and developmental status needs</p>
Safety	<ul style="list-style-type: none"> • Five-pound Class ABC or equivalent fire extinguisher securely mounted in the vehicle in a quick release bracket. One must be accessible to the patient compartment (2). • ANSI Class 2 or 3 reflective vest or outerwear (for each crew member)

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OEMS - Required Vehicle Equipment List (RVEL)	
GROUND AMBULANCE Basic Life Support (BLS)	
CATEGORY	
	<ul style="list-style-type: none"> • Impact-resistant eye protection (ANSI Z87.1) (for each crew member) • Nonflammable reflective and/or illuminated roadside warning devices (3) • Portable reusable light source (2)
Temperature Management and Heat-loss Prevention	<ul style="list-style-type: none"> • Blankets (2) • Towels (2) • Heat packs (2)
Miscellaneous items	<ul style="list-style-type: none"> • Bandage/trauma shears (2) • Penlight (1). • Medical protocols (1). • Oral glucose (2).

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OEMS - Required Vehicle Equipment List (RVEL)	
GROUND AMBULANCE Basic Life Support (BLS)	
CATEGORY	
	<ul style="list-style-type: none"> • "No Smoking" sign located in the patient compartment (1). • Adjustable wrench, 10" (1). • Screwdriver, regular #1 size blade (1). • Screwdriver, Phillips #1 size blade (1). • Spring loaded center punch (1). • Current USDOT approved Emergency Response Guidebook (1). • Triage Marking System (colored tape, 25 triage tags) of a design approved by the Office of EMS
GROUND AMBULANCE Advance Life Support (ALS) (All BLS equipment PLUS the following)	
CATEGORY	
Airway, Ventilation, and Oxygenation	<ul style="list-style-type: none"> • Intubation kit to include all of the following items as indicated: <ul style="list-style-type: none"> ○ Direct and/or Video laryngoscopy equipment appropriate for neonates to adults

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	<ul style="list-style-type: none"> ○ Adult and pediatric blades in sizes 0-4 (1 set each). ○ Magill forceps in adult and pediatric sizes (1 each). ○ Single use disposable endotracheal tubes in sizes 8.0, 7.0, 6.0, 5.0, 4.0, 3.0, and 2.5m or equivalent sizes (2 each). ○ Rigid adult stylettes (2). ○ 10 cc disposable syringes (2). ○ 5 ml of water soluble surgical lubricant (1). ○ Secondary confirmation device such as esophageal detection devices, colorimetric evaluation devices, or equivalent (2). ● Supraglottic airways in sizes to fit neonates to adults 	
Bleeding, Hemorrhage Control, Shock Management, and Wound Care	<p><i>ADULT SPECIFIC</i></p> <ul style="list-style-type: none"> ● Chest Decompression needles: <ul style="list-style-type: none"> ○ 14g or larger diameter, minimum length 3.25 inches (8.25cm) or commercial chest decompression device 	<p><i>PEDIATRIC SPECIFIC</i></p> <ul style="list-style-type: none"> ● Chest Decompression needles: <ul style="list-style-type: none"> ○ 14g diameter, maximum length 1.5 inches (3.8 cm) for patients less than 56 inches (144 cm) long ○ 23g diameter, maximum length 0.75 inches (2cm) for newborns
Cardiovascular & Circulation Care	<ul style="list-style-type: none"> ● A device capable of performing automatic and/or manual defibrillation, cardiac rhythm monitoring (in at least three leads), 12 lead ECG acquisition, and transcutaneous pacing. 	

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	<ul style="list-style-type: none"> • ECG monitoring electrodes in adult and pediatric sizes as required by device used. (2 sets each). • Defibrillation and pacing electrodes in adult and pediatric sizes as required by device used (2 sets each).
Diagnostic Tools	<ul style="list-style-type: none"> • Continuous waveform capnography
Medications	<ul style="list-style-type: none"> • Medications that are authorized by agency ALS protocols
Medication Delivery and Vascular Access	<ul style="list-style-type: none"> • Devices and supplies needed to administer medications via routes (Oral, Inhaled, Intramuscular, Intranasal, Intravenous, Intraosseous) included in agency/OMD approved scope of practice and applicable protocol(s) in sizes to fit neonates to adults • Isotonic crystalloid fluids and administration tubing capable of adjustable fluid delivery rate • A device to provide pressure infusion of IV fluids
	<p><i>PEDIATRIC SPECIFIC</i></p> <ul style="list-style-type: none"> • Tools that provide pre- calculated weight-based dosing and preclude the need for calculation by EMS providers can reduce dosing errors. • A device suitable for administering a fluid bolus to pediatric patients that limits risk for inadvertent over-administration of fluid

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Neonatal Care	(If a ground ambulance is utilized to perform an interfacility neonatal transport; the vehicle must be equipped with the *additional items* listed on the Required Vehicle Equipment List (RVEL) for a Neonatal Ambulance - see Neonatal section)
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	NONTRANSPORT RESPONSE VEHICLE Basic Life Support (BLS)
CATEGORY	
Airway, Ventilation, and Oxygenation	<ul style="list-style-type: none"> • Oxygen supply, portable <ul style="list-style-type: none"> ○ Portable oxygen unit containing a quantity of oxygen sufficient to supply the patient at the approximate flow rate for the period of time it is anticipated oxygen will be needed but not less than 10 liters per minute for 15 minutes. The unit must be capable of being manually controlled and have an appropriate flowmeter (1). • Devices capable of delivering oxygen in a titratable manner through <u>nasal</u> and <u>partial face -or- full-face mask</u> routes in sizes to fit child through adult (2 adult and 2 child each) • Oropharyngeal airways set of six, in infant, child, and adult sizes ranging from 43mm to 100mm (sizes 0-5) (1 each). • Nasopharyngeal airways set of four, in sizes to fit neonates to adults {with water soluble lubricant}. • Portable battery powered suction device with rigid oral and flexible pharyngeal/tracheal suction catheters in sizes to fit neonates to adults • A device capable of providing non-invasive positive pressure ventilation (NIPPV)(e.g. CPAP) • Self-inflating manual ventilation devices and masks to fit neonates, child and adults
Bleeding, Hemorrhage Control, Shock Management,	<ul style="list-style-type: none"> • Commercial arterial tourniquets

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and Wound Care	<ul style="list-style-type: none"> • Wound packing material (Wound packing material may include plain gauze and/or hemostatic dressings.) • Sterile, individually wrapped gauze sponges (4x4 or assorted sizes)(10) • Roller or conforming gauze of assorted widths (6). • Trauma dressings, a minimum of 8" x 10" - 5/8 ply when folded, sterile and individually wrapped (2) • 1" and 2" Adhesive tape • Sterile occlusive dressings (aka "chest seal") • Sterile saline for irrigation of wounds {1L}
Cardiovascular & Circulation Care	<ul style="list-style-type: none"> • Automatic External Defibrillator (AED) with adult and pediatric capabilities. Two sets adult AND one set pediatric OR two sets of combination pads
Diagnostic Tools	<ul style="list-style-type: none"> • Glucometer • Pulse Oximeter • Stethoscopes • Blood Pressure Cuffs in sizes to fit child, adult and large adult • Thermometer
Infection Control	<ul style="list-style-type: none"> • Items necessary for Universal & Standard Precautions

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	<ul style="list-style-type: none"> ○ Waterless hand cleanser ○ Sharps container ○ Supplies for collection or absorption of patient vomit, urine, and/or feces ○ Biohazardous materials collection bags ○ Products appropriate for cleaning and disinfecting surfaces and equipment ● Items necessary for the following Transmission-based Precautions: <ul style="list-style-type: none"> ○ <u>Contact precautions</u>: Examination gloves, nonsterile, pairs in sizes small through extra large (10 each), eye protection & gowns (2) ○ <u>Droplet precautions</u>: surgical masks and eye protection (2) ○ <u>Airborne precautions</u>: N95 facemasks in provider-appropriate sizes AND eye protection OR Powered Air-Purifying Respirator (PAPR) (2) ● General trash collection bags
Medications	<ul style="list-style-type: none"> ● Medications that are authorized by agency BLS protocols
Medication Delivery and Vascular Access	<ul style="list-style-type: none"> ● Devices and supplies needed to administer medications via routes (Oral, Inhaled, Intramuscular, Intranasal) included in agency/OMD approved scope of practice and applicable protocol(s) ● Supplies for application of antiseptic to skin (e.g. alcohol preps)

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	<p><i>PEDIATRIC SPECIFIC</i></p> <ul style="list-style-type: none"> • Tools that provide pre- calculated weight-based dosing and preclude the need for calculation by EMS providers can reduce dosing errors.
Neonatal Care	<p><i>PEDIATRIC SPECIFIC</i></p> <p>Commercial OB kit(1) OR Newborn delivery supplies:</p> <ul style="list-style-type: none"> • 2 umbilical cord clamps • Tool for cutting umbilical cord • Bulb suction • Infant head cover • Towels • Blanket • Gauze dressings • Material or device intended to maintain body temperature
Orthopedic Injury Care	<ul style="list-style-type: none"> • Cold packs (2) • Elastic bandages
Patient Packaging,	

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Evacuation, and Transport	<ul style="list-style-type: none"> • Rigid cervical collars in sizes small adult, medium adult, large adult, and pediatric (3 each). If adjustable type collars are used, then a minimum of three are sufficient.
Safety	<ul style="list-style-type: none"> • Five-pound Class ABC or equivalent fire extinguisher securely mounted in the vehicle in a quick release bracket. (1) • ANSI Class 2 or 3 reflective vest or outerwear (2) • Impact-resistant eye protection (ANSI Z87.1) (2) • Nonflammable reflective and/or illuminated roadside warning devices (3) • Portable reusable light source (1)
Temperature Management and Heat-loss Prevention	<ul style="list-style-type: none"> • Blankets (2) • Towels (2) • Heat packs (2)
Miscellaneous items	<ul style="list-style-type: none"> • Bandage/trauma shears • Penlight (1). • Medical protocols (1). • Oral glucose (2).

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	<ul style="list-style-type: none"> • Adjustable wrench, 10" (1). • Screwdriver, regular #1 size blade (1). • Screwdriver, Phillips #1 size blade (1). • Spring loaded center punch (1). • Current USDOT approved Emergency Response Guidebook (1). • Triage Marking System (colored tape, 25 triage tags) of a design approved by the Office of EMS
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NONTRANSPORT RESPONSE VEHICLE Advance Life Support (ALS) <i>(All BLS equipment PLUS the following)</i>
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CATEGORY	
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Airway, Ventilation, and Oxygenation	<ul style="list-style-type: none"> • Intubation kit to include all of the following items as indicated: <ul style="list-style-type: none"> ○ Direct and/or Video laryngoscopy equipment appropriate for neonates to adults ○ Adult and pediatric blades in sizes 0-4 (1 set each). ○ Magill forceps in adult and pediatric sizes (1 each). ○ Single use disposable endotracheal tubes in sizes 8.0, 7.0, 6.0, 5.0, 4.0, 3.0, and 2.5m or equivalent sizes (2 each). ○ Rigid adult stylettes (2).
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	<ul style="list-style-type: none"> ○ 10 cc disposable syringes (2). ○ 5 ml of water soluble surgical lubricant (1). ○ Secondary confirmation device such as esophageal detection devices, colorimetric evaluation devices, or equivalent (2). ● Supraglottic airways in sizes to fit neonates to adults 	
Bleeding, Hemorrhage Control, Shock Management, and Wound Care	<p><i>ADULT SPECIFIC</i></p> <ul style="list-style-type: none"> ● Chest Decompression needles: <ul style="list-style-type: none"> ○ 14g or larger diameter, minimum length 3.25 inches (8.25cm) or commercial chest decompression device 	<p><i>PEDIATRIC SPECIFIC</i></p> <ul style="list-style-type: none"> ● Chest Decompression needles: <ul style="list-style-type: none"> ○ 14g diameter, maximum length 1.5 inches (3.8 cm) for patients less than 56 inches (144 cm) long ○ 23g diameter, maximum length 0.75 inches (2cm) for newborns
Cardiovascular & Circulation Care	<ul style="list-style-type: none"> ● A device capable of performing automatic and/or manual defibrillation, cardiac rhythm monitoring (in at least three leads), 12 lead ECG acquisition, and transcutaneous pacing. ● ECG monitoring electrodes in adult and pediatric sizes as required by device used. (2 sets each). ● Defibrillation and pacing electrodes in adult and pediatric sizes as required by device used (2 sets each). 	
Diagnostic Tools	<ul style="list-style-type: none"> ● Continuous waveform capnography 	

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Medications	<ul style="list-style-type: none"> • Medications that are authorized by agency ALS protocols
Medication Delivery and Vascular Access	<ul style="list-style-type: none"> • Devices and supplies needed to administer medications via routes (Oral, Inhaled, Intramuscular, Intranasal, Intravenous, Intraosseous) included in agency/OMD approved scope of practice and applicable protocol(s) in sizes to fit neonates to adults • Isotonic crystalloid fluids and administration tubing capable of adjustable fluid delivery rate • A device to provide pressure infusion of IV fluids
	<p><i>PEDIATRIC SPECIFIC</i></p> <ul style="list-style-type: none"> • Tools that provide pre- calculated weight-based dosing and preclude the need for calculation by EMS providers can reduce dosing errors.

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	AIR AMBULANCE
CATEGORY	
Safety Equipment	<ul style="list-style-type: none"> • Head strike envelope - Helmets shall be worn by all routine flight crews and scheduled specialty teams. • Seatbelts for all occupants. • Fire extinguisher mounted in a quick release bracket or other FAA approved fire suppression system. • All items secured to prevent movement while the air ambulance is in motion. • "No Smoking" sign posted. • The aircraft shall be equipped with survival gear specific to the coverage area and the number of occupants. • Survival kit to include signaling capabilities and shelter. • ANSI Class 2 or 3 reflective vest or outerwear (one per crew member) • Portable reusable light source
Airway, Ventilation, and Oxygenation	<ul style="list-style-type: none"> • Oxygen supply, portable and on-board <ul style="list-style-type: none"> ○ Portable oxygen unit containing a quantity of oxygen sufficient to supply the patient at the approximate flow rate for the period of time it is anticipated oxygen will be needed but not less than 10 liters per minute for 15 minutes. The unit must be capable of being manually controlled and have an appropriate flowmeter (1). ○ Installed oxygen system containing a sufficient quantity of oxygen to supply two patient flowmeters at the appropriate flow rate for the period of time it is anticipated oxygen will be needed but not less than 10 liters per minute for 30 minutes. This unit must be capable of being manually controlled, have two flowmeters, and have an attachment available for a single-use humidification device (1). • Devices capable of delivering oxygen in a titratable manner through <u>nasal</u> and <u>partial face -or- full-face mask</u> routes in sizes to fit child through adult (2 adult and 1 child each)

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	<ul style="list-style-type: none"> • Oropharyngeal airways set of six, in infant, child, and adult sizes ranging from 43mm to 100mm (sizes 0-5) (1 each). • Nasopharyngeal airways set of four, in sizes to fit neonates to adults {with water soluble lubricant}. • Portable battery powered suction device with rigid oral and flexible pharyngeal/tracheal suction catheters in sizes to fit neonates to adults • Installed suction device with rigid oral and flexible pharyngeal/tracheal suction catheters in sizes to fit neonates to adults • A device capable of providing non-invasive positive pressure ventilation (NIPPV)(e.g. CPAP) • Self-inflating manual ventilation devices and masks to fit neonates, child and adults • Intubation kit to include all of the following items as indicated: <ul style="list-style-type: none"> ○ Direct and/or Video laryngoscopy equipment appropriate for neonates to adults ○ Adult and pediatric blades in sizes 0-4 (1 set each). ○ Magill forceps in adult and pediatric sizes (1 each). ○ Single use disposable endotracheal tubes in sizes 8.0, 7.0, 6.0, 5.0, 4.0, 3.0, and 2.5m or equivalent sizes (2 each). ○ Rigid adult stylettes (2). ○ 10 cc disposable syringes (2). ○ 5 ml of water soluble surgical lubricant (1). ○ Secondary confirmation device such as esophageal detection devices, colorimetric evaluation devices, or equivalent (2).
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	<ul style="list-style-type: none"> • Supraglottic airways in sizes to fit neonates to adults • Ventilator as appropriate for mission. 	
Bleeding, Hemorrhage Control, Shock Management, and Wound Care	<ul style="list-style-type: none"> • Commercial arterial tourniquets • Wound packing material (Wound packing material may include plain gauze and/or hemostatic dressings.) • Sterile, individually wrapped gauze sponges (4x4 or assorted sizes)(10) • Roller or conforming gauze of assorted widths (6). • Trauma dressings, a minimum of 8" x 10" - 5/8 ply when folded, sterile and individually wrapped (2) • 1" and 2" Adhesive tape • Sterile occlusive dressings (aka "chest seal") 	
	<p><i>ADULT SPECIFIC</i></p> <ul style="list-style-type: none"> • Chest Decompression needles: <ul style="list-style-type: none"> ○ 14g or larger diameter, minimum length 3.25 inches (8.25cm) or commercial chest decompression device 	<p><i>PEDIATRIC SPECIFIC</i></p> <ul style="list-style-type: none"> • Chest Decompression needles: <ul style="list-style-type: none"> ○ 14g diameter, maximum length 1.5 inches (3.8 cm) for patients less than 56 inches (144 cm) long ○ 23g diameter, maximum length 0.75 inches (2cm) for newborns

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Cardiovascular & Circulation Care	<ul style="list-style-type: none"> • A device capable of performing automatic and/or manual defibrillation, cardiac rhythm monitoring (in at least three leads), 12 lead ECG acquisition, and transcutaneous pacing. • ECG monitoring electrodes in adult and pediatric sizes as required by device used. (2 sets each). • Defibrillation and pacing electrodes in adult and pediatric sizes as required by device used (2 sets each).
Diagnostic Tools	<ul style="list-style-type: none"> • Glucometer • Stethoscopes • Blood Pressure Cuffs in sizes to fit child, adult and large adult • Thermometer • Continuous waveform capnography (pediatric and adult) • Noninvasive blood pressure monitoring device capable of adult and pediatric use. (1) • Pulse Oximeter (pediatric and adult)
Infection Control	<ul style="list-style-type: none"> • Items necessary for Universal & Standard Precautions <ul style="list-style-type: none"> ○ Waterless hand cleanser ○ Sharps container (mounted or secured) ○ Supplies for collection or absorption of patient vomit, urine, and/or feces

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	<ul style="list-style-type: none"> ○ Biohazardous materials collection bags ○ Products appropriate for cleaning and disinfecting surfaces and equipment ● Items necessary for the following Transmission-based Precautions: <ul style="list-style-type: none"> ○ <u>Contact precautions</u>: Examination gloves, nonsterile, pairs in sizes small though extra large (10 each), eye protection & gowns for each crew member ○ <u>Droplet precautions</u>: surgical masks and eye protection for each crew member ○ <u>Airborne precautions</u>: N95 facemasks in provider-appropriate sizes AND eye protection OR Powered Air-Purifying Respirator (PAPR) for each crew member ● General trash collection bags
Medications	<ul style="list-style-type: none"> ● Lockable storage for drug kit and supplies. ● All drugs shall be in date. ● Medications that are authorized by agency protocols
Medication Delivery and Vascular Access	<ul style="list-style-type: none"> ● Devices and supplies needed to administer medications via routes (Oral, Inhaled, Intramuscular, Intranasal, Intravenous, Intraosseous) included in agency/OMD approved scope of practice and applicable protocol(s) in sizes to fit neonates to adults ● Supplies for application of antiseptic to skin (e.g. alcohol preps) ● Isotonic crystalloid fluids and administration tubing capable of adjustable fluid delivery rate ● A device to provide pressure infusion of IV fluids

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	<ul style="list-style-type: none"> • IV infusion pump
	<p><i>PEDIATRIC SPECIFIC</i></p> <ul style="list-style-type: none"> • Tools that provide pre- calculated weight-based dosing and preclude the need for calculation by EMS providers can reduce dosing errors. • A device suitable for administering a fluid bolus to pediatric patients that limits risk for inadvertent over-administration of fluid
Neonatal Care	<p><i>PEDIATRIC SPECIFIC</i></p> <p>Commercial OB kit (1) OR Newborn delivery supplies:</p> <ul style="list-style-type: none"> • 2 umbilical cord clamps • Tool for cutting umbilical cord • Bulb suction • Infant head cover • Towels • Blanket • Gauze dressings • Material or device intended to maintain body temperature

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Orthopedic Injury Care	<ul style="list-style-type: none"> • Splinting material or commercial devices for immobilization of orthopedic extremity injuries including but not limited to: <ul style="list-style-type: none"> ○ Femoral splinting materials which may include either simple non-traction devices or devices that provide femoral traction. ○ Pelvic splinting materials which includes a commercial pelvic circumferential compression device (PCCD)
Patient Packaging, Evacuation, and Transport	<ul style="list-style-type: none"> • Rigid cervical collars in sizes small adult, medium adult, large adult, and pediatric (3 each). If adjustable type collars are used, then a minimum of three are sufficient. • Cervical immobilization devices (i.e., set of foam blocks, towels or other approved materials) (2). • A minimum of one stretcher shall be provided that can be carried to the patient and properly secured to the aircraft as defined in FAR 27.785. <ul style="list-style-type: none"> (1) The stretcher shall be age appropriate and full length in the supine position. (2) The stretcher shall be sturdy and rigid enough that it can support cardiopulmonary resuscitation. If a backboard or equivalent device is required to achieve this, such device will be readily available. (1) (3) The head of the stretcher shall be capable of being elevated for patient care and comfort.
	<p><i>PEDIATRIC SPECIFIC</i></p> <ul style="list-style-type: none"> • Pediatric-specific restraint system • Pediatric immobilization device (1)

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Temperature Management and Heat-loss Prevention	<ul style="list-style-type: none"> • Linens or commercial device that envelops the patient to retain body heat and allows for quick access to treat patient.
Miscellaneous items	<ul style="list-style-type: none"> • Bandage/trauma shears • Medical protocols • Current USDOT Emergency Response Book
	NEONATAL AMBULANCE
	<p>-A Neonatal Ambulance is a vehicle maintained and operated <u>exclusively</u> for the transport of neonatal patients between medical facilities and permitted as a Neonatal Ambulance. A Neonatal Ambulance shall not be used for response to out-of-hospital medical emergencies.</p> <p>-If a permitted Ground Ambulance is utilized to perform an interfacility neonatal transport, the vehicle must be equipped with the ***additional neonatal specific required items as indicated below</p>
CATEGORY	
Airway, Ventilation, and Oxygenation	<ul style="list-style-type: none"> • Oxygen supply, portable and on-board <ul style="list-style-type: none"> ○ Portable oxygen unit containing a quantity of oxygen sufficient to supply the patient at the approximate flow rate for the period of time it is anticipated oxygen will be needed but not less than 10 liters per minute for 15 minutes. The unit must be capable of being manually controlled and have an appropriate flowmeter (1). ○ Installed oxygen system containing a sufficient quantity of oxygen to supply two patient flowmeters at the appropriate flow rate for the period of time it is anticipated oxygen will be needed but not less than 10 liters per minute for 30 minutes. This unit must be capable of being

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	<p>manually controlled, have two flowmeters, and have an attachment available for a single-use humidification device (1).</p> <p>***Devices capable of delivering oxygen in a titratable manner to neonates</p> <ul style="list-style-type: none"> • Oropharyngeal airways in sizes to fit neonates • Nasopharyngeal airways in sizes to fit neonates {with water soluble lubricant}. • Portable battery powered suction device with rigid oral and flexible pharyngeal/tracheal suction catheters in sizes to fit neonates • Installed suction device with rigid oral and flexible pharyngeal/tracheal suction catheters in sizes to fit neonates • A device capable of providing non-invasive positive pressure ventilation (NIPPV)(e.g. CPAP) • Self-inflating manual ventilation devices and masks to fit neonates <p>Intubation kit to include all of the following items as indicated:</p> <ul style="list-style-type: none"> ○ Direct and/or Video laryngoscopy equipment appropriate for neonates ○ Pediatric blades in sizes (0-1) ○ Pediatric Magill forceps ○ Single use disposable endotracheal tubes in sizes 4.0, 3.0, and 2.5mm or equivalent sizes (2 each) ○ 10 cc disposable syringes (2). ○ 5 ml of water soluble surgical lubricant (1).
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	<ul style="list-style-type: none"> ○ Secondary confirmation device such as esophageal detection devices, colorimetric evaluation devices, or equivalent (2). ● Supraglottic airways in sizes to fit neonates <p>***Ventilator as appropriate for mission.</p>
Bleeding, Hemorrhage Control, Shock Management, and Wound Care	<ul style="list-style-type: none"> ● Sterile, individually wrapped gauze sponges (4x4 or assorted sizes)(10) ● Roller or conforming gauze of assorted widths (6). ● 1" and 2" Adhesive tape (1 each) ● Chest Decompression needles: <ul style="list-style-type: none"> ○ 23g diameter, maximum length 0.75 inches (2cm) for newborns
Cardiovascular & Circulation Care	<ul style="list-style-type: none"> ● A device capable of performing automatic and/or manual defibrillation, cardiac rhythm monitoring (in at least three leads), 12 lead ECG acquisition, and transcutaneous pacing. <p>***ECG monitoring electrodes in neonatal sizes as required by device used. (2 sets).</p> <p>***Defibrillation and pacing electrodes in neonatal sizes as required by device used (2 sets).</p>
Diagnostic Tools	<ul style="list-style-type: none"> ● Glucometer <p>***Pulse Oximeter (for neonate)</p> <p>***Stethoscopes in infant (2) and neonate (2) sizes</p>

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	<p>***Blood Pressure Cuffs in sizes to fit infant (2)</p> <ul style="list-style-type: none"> • Thermometer • Continuous waveform capnography
Infection Control	<ul style="list-style-type: none"> • Items necessary for Universal & Standard Precautions <ul style="list-style-type: none"> ○ Waterless hand cleanser ○ Sharps container (mounted or secured) ○ Supplies for collection or absorption of patient vomit, urine, and/or feces ○ Biohazardous materials collection bags ○ Products appropriate for cleaning and disinfecting surfaces and equipment • Items necessary for the following Transmission-based Precautions: <ul style="list-style-type: none"> ○ <u>Contact precautions:</u> Examination gloves, nonsterile, pairs in sizes small through extra large (10 each), eye protection & gowns for each crew member ○ <u>Droplet precautions:</u> surgical masks and eye protection for each crew member ○ <u>Airborne precautions:</u> N95 facemasks in provider-appropriate sizes AND eye protection OR Powered Air-Purifying Respirator (PAPR) for each crew member • General trash collection bags

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Medications	<ul style="list-style-type: none"> • Lockable storage for drug kit and supplies. • All drugs shall be in date. • Medications that are authorized by agency protocols
Medication Delivery and Vascular Access	<ul style="list-style-type: none"> • Devices and supplies needed to administer medications via routes (Oral, Inhaled, Intramuscular, Intranasal, Intravenous, Intraosseous) included in agency/OMD approved scope of practice and applicable protocol(s) in sizes to fit neonates • Supplies for application of antiseptic to skin (e.g. alcohol preps) • Isotonic crystalloid fluids and administration tubing capable of adjustable fluid delivery rate • A device to provide pressure infusion of IV fluids • ***IV infusion pump • Tools that provide pre- calculated weight-based dosing and preclude the need for calculation by EMS providers can reduce dosing errors. • A device suitable for administering a fluid bolus to pediatric patients that limits risk for inadvertent over-administration of fluid
Patient Packaging, Evacuation, and Transport	<p>***Incubator(s) as required for mission, using manufacturer approved vehicle mounting devices.</p> <ul style="list-style-type: none"> • Linens

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Safety	<ul style="list-style-type: none"> • Five-pound Class ABC or equivalent fire extinguisher securely mounted in the vehicle in a quick release bracket. One must be accessible to the patient compartment (2). • ANSI Class 2 or 3 reflective vest or outerwear (for each crew member) • Impact-resistant eye protection (ANSI Z87.1) (for each crew member) • Nonflammable reflective and/or illuminated roadside warning devices (3) • Portable reusable light source (2)
Temperature Management and Heat-loss Prevention	<ul style="list-style-type: none"> • Blankets • Towels • Heat packs
Miscellaneous items	<ul style="list-style-type: none"> • Bandage/trauma shears • Penlight • "No Smoking" sign located in the patient compartment (1). • Adjustable wrench, 10" (1). • Screwdriver, regular blade (1). • Screwdriver, Phillips blade (1).

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MOBILE INTEGRATED HEALTHCARE ONLY VEHICLE or BLS/ALS or COMMUNITY PARAMEDICINE VEHICLE	
CATEGORY	
MIH ONLY (Minimal Equipment Package)	<p>An MIH permitted vehicle may <u>ONLY</u> carry the following items:</p> <ul style="list-style-type: none"> • Automated external defibrillator (AED) with two sets of patient pads. • First Aid kit of durable construction and suitably equipped.
BLS/ALS or Community Paramedicine (Equipment Package)	<p>-A Mobile Integrated Healthcare or Community Paramedicine vehicle that carries any additional equipment beyond the 'MIH Only Minimal Equipment Package' (i.e. AED & First Aid Kit), shall be permitted as a NONTRANSPORT RESPONSE VEHICLE and supplied with either a Nontransport BLS or Nontransport ALS equipment package.</p>

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