

157.11 Equipment List  
Draft 1 - August 22, 2005

Legend:

Black = current rule

Black = draft language previously endorsed by GETAC

Purple = Modification of current rule

Red = new item

157.11 EMS Provider License

(xx) Treatment and Transport Protocols Required.

(1) The applicant shall submit written delegated standing orders for patient treatment and transport (protocols) which have been approved and signed by the provider's medical director;

(2) The protocols shall identify delegated procedures for each EMS Certification or license level utilized by the provider;

(3) The protocols shall address the use of non-EMS certified or licensed medical personnel who, in addition to the EMS staff, may provide patient care on behalf of the provider and/or in the provider's EMS vehicles;

(4) The protocols shall address the use of all required, additional, and/or specialized medical equipment, supplies, and pharmaceuticals carried on each EMS vehicle in the provider's fleet;

(5) The protocols shall have an effective date and an expiration date which correspond to the inclusive dates of the provider's EMS license;

(6) The protocols shall indicate specific applications, including geographical area and duty status of personnel.

(xx) EMS ground vehicle equipment, supplies, medical devices, parenteral solutions and pharmaceuticals

Attached Graphic

157.11 Equipment List  
Draft 1 - August 22, 2005

Figure: 25 TAC §157.11(xx)

**EMS Equipment, Supplies, Medical Devices, Parenteral Solutions and Pharmaceuticals**

The provider shall submit a list, approved by the medical director and consistent with the protocols, of all medical equipment, supplies, medical devices, parenteral solutions and pharmaceuticals to be carried . The list shall specify the quantities of each item to be carried and shall specify the sizes and types of each item. The quantities listed shall be appropriate to the provider's call volume, transport times and restocking capabilities.

As justified by specific patient needs, and when qualified personnel are available, providers may appropriately utilize equipment in addition to that which is required by their designation levels. Equipment used must be consistent with protocols and/or patient-specific orders and must correspond to personnel qualifications.

All equipment, medical devices, and supplies shall be clean and fully operational. All battery powered equipment shall have spare batteries or an alternative power source.

All parenteral solutions and pharmaceuticals shall be in date and shall be stored and maintained in accordance with the manufacturers and/or FDA recommendations.

The following essential equipment and supplies shall be present on each in-service vehicle and on, or immediately available for, each response-ready vehicle at all times. Desirable equipment is recommended but not required:

<b>Basic Life Support (BLS)</b>	
Oropharyngeal airways – oral airways sizes 00-5 infant child adult	E
Nasopharyngeal airways (must include training for authorized EMS personnel) infant child adult	E
Self-inflating bag-valve mask devices (oxygen reservoir without pop-off valve) infant child adult	E
Masks for bag-valve-mask device neonatal (for delivery of premature infant) infant child adult	E
Oxygen masks infant child	E

157.11 Equipment List  
Draft 1 - August 22, 2005

adult	
Non-rebreather masks pediatric adult	E
Nasal canulas infant child adult	D
Portable and vehicle mounted oxygen	E
Portable and vehicle mounted suction (portable suction must include regulator)	E
Suction catheters (must include pediatric tonsil-tip sizes 6F-14F)	E
Stethoscopes infant pediatric adult	E
Bulb syringe	E
Blood pressure cuffs infant child adult	E
Thermometers	E
Dressing and bandaging materials	E
Spinal and cervical stabilization devices (e.g. head blocks, C-collars, spine boards) infant child adolescent adult Sandbags and IV bags not allowed to meet this requirement	E
Extremity splints pediatric adult	E
Obstetric "precip" pack	E
Thermal blanket (mylar or other thermal material)	E
Water-soluble lubricant	E
Infant convertible car seat with padding or equivalent	D
Glasgow coma scale reference	D
Pediatric trauma score reference	D
Small stuffed toy (or other distraction items)	D
Equipment to meet special patient needs	E
Pharmaceuticals as required by protocols	E
<u>An external cardiac defibrillator appropriate to the staffing level</u>	E
Patient transport device capable of being secured to the vehicle	E

E = Essential; D = Desirable

157.11 Equipment List  
Draft 1 - August 22, 2005

<u>Operable emergency warning devices</u>	E
Personal protective equipment for the crew to including: protective, non-porous gloves medical eye protection medical respiratory protection medical protective gowns or equivalent personal cleansing supplies	E
Sharps container	E
Biohazard bags	E
<u>Portable, battery-powered flashlight (not a penlight)</u>	
Fire extinguisher; and	E
No smoking signs	E
<u>Emergency response guide book (for hazardous materials)</u>	

E = Essential; D = Desirable

<b>Advanced Life Support (ALS) or BLS with ALS Capability</b>	
All required BLS equipment	E
Laryngoscope with blades (including small handle) straight blades (sizes 0-2) curved blades (sizes 2-4)	E
Endotracheal tube stylets pediatric adult	E
Endotracheal tubes uncuffed (sizes 2.0 – 5.0) cuffed (sizes 5.5 – 8.0)	E
Disposable CO <sup>2</sup> detection device	E
Magill forceps pediatric adult	E
Nasogastric tubes (sizes 8F – 16F)	E
Nebulizer	E
IV catheters (sizes 24g – 16g)	E
Volume control device for IV fluids (e.g. buretrol or equivalent)	E
Intraosseous needles	E
Needles and syringes (must include sizes appropriate for delivery of pediatric dosages)	E
Length/weight-based drug dose chart (e.g. Broselow tape)	E
<u>Pharmaceuticals and IV fluids appropriate for local standards of practice</u>	E
Drug reference book or charts (must have pediatric doses pre-calculated)	E
Blood glucose analysis system	E

E = Essential; D = Desirable

157.11 Equipment List  
 Draft 1 - August 22, 2005

All-inclusive intubation kits	D
Endotracheal tube holders pediatric adult	D
Meconium aspirator	D

E = Essential; D = Desirable

<b>MICU, BLS with MICU capability, ALS with MICU capability</b>	
All required BLS and ALS equipment	E
Transport monitor	E
Cardiac monitor/defibrillator with paddles or pads pediatric paddles/pads adult paddles/pads	E
Monitoring electrodes infant pediatric adult	E

E = Essential; D = Desirable