(d) Vehicles.
   (1) All EMS vehicles must be adequately constructed, equipped, maintained and operated to
   render patient care, comfort and transportation safely and efficiently.
   (2) EMS vehicles must allow the proper and safe storage and use of all required equipment,
   supplies and medications and must allow all required procedures to be carried out in a safe and
   effective manner.
   (3) Unless otherwise approved by the department, EMS vehicles must meet the minimum
   ambulance vehicle body type, dimension and safety criteria as specified in the "Federal
   Administration.
   (4) All vehicles shall have an environmental system capable of heating or cooling, in
   accordance with the manufacturer specifications, within the patient compartment at all times
   when in service and which allows for protection of medication, according to manufacturer
   specifications, from extreme temperatures if it becomes environmentally necessary. The provider
   shall provide evidence of an operational policy which shall list the parenteral pharmaceuticals
   authorized by the medical director and which shall define the storage and/or FDA
   recommendations. Compliance with the policy shall be incorporated into the provider's Quality
   Assurance process and shall be documented on unit readiness reports.

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Louisiana:  http://new.dhh.louisiana.gov/index.cfm/directory/detail/714

Subchapter C. Emergency Vehicles—Ground Transportation

§6053.  General Provisions
  A.  All emergency vehicles utilized by ambulance services must be in compliance with the Louisiana Motor
       Vehicle Regulatory Act.
  B.  All emergency vehicles must be insured in accordance with R.S. 40:1236.4.
  C.  An ambulance service may rent or borrow a vehicle for up to 90 days without having it inspected or pay
      certification fees. However, the vehicle will be subject to spot check inspection if necessary. The vehicle must be in
      compliance with R.S. 32:1 et seq., and this Chapter.
  D.  Unless an ambulance or a sprint vehicle is obtained for less than 90 days, it must be registered in the
      ambulance service's name.
  E.  All emergency vehicles must have permanent signage indicating the name of the provider and the unit
      number. All numbering and lettering shall be reflective and be at least 3 inches high or greater. If a logo is used it must be 6 inches or greater in size. This shall appear on the rear and on
      both sides of the vehicle.
     1. Vehicles borrowed or rented for less than 90 days are exempt from this permanent signage requirement.
  F.  Any equipment provided to ambulance services for their vehicles with grants from the U.S. Department of
      Health and Human Services must be stocked on the vehicle in accordance with the provisions of the grant.
  G.  Emergency Warning Lights. These lights shall be mounted as high and as widely spaced laterally apart as
      practicable. There must be two alternating flashing red lights on the front of the vehicle mounted at the same level.
      There must be two alternating flashing red lights on the rear of the vehicle mounted at the same level. These front
and rear lights shall have sufficient intensity to be visible at 500 feet in normal sunlight. The following exceptions apply:

1. Any authorized emergency vehicle may be equipped with a large revolving red light on the roof instead of alternating flashing red lights on the front. This light must be discernible in all directions and have sufficient intensity to be visible at 500 feet in normal sunlight.

2. Authorized emergency medical response vehicles of organized fire companies may be equipped with a large red and white light on the roof encased in a clear dome, instead of the large red light on the roof. This light must be discernible in all directions and have sufficient intensity to be visible at 500 feet in normal sunlight.

H. Audible Warning Signals. Each emergency medical response vehicle must have a siren, exhaust whistle, or bell capable of giving an audible signal sufficient to warn motorists of its approach (audible up to 500 feet).

AUTHORITY NOTE: Promulgated in accordance with R.S. 40:1235.2.

HISTORICAL NOTE: Promulgated by the Department of Health and Hospitals, Office of the Secretary, Bureau of Health Services Financing, LR 35:477 (March 2009).

Florida: https://www.flrules.org/Gateway/View_notice.asp?id=6300749

**64J-1.007 Vehicle Permits.**

(1) Each application for a ground vehicle permit shall be on DH Form 1510, December 2008, Application for Vehicle Permit(s). Each application for an aircraft permit shall be on DH Form 1576, December 2008, Application for Air Ambulance Permit. These forms are incorporated by reference and available from the department. All applications shall be accompanied by the required fee as specified in Section 401.34(1)(c), (k), F.S.

(2) When it is necessary for a permitted vehicle to be out of service for routine maintenance or repairs, a substitute vehicle meeting the same transport capabilities and equipment specifications as the out-of-service vehicle may be used for a period of time not to exceed 30 days. If the substitute vehicle needs to be in service for longer than 30 days, the agency must seek written approval from the department. An unpermitted vehicle cannot be placed into service, nor can a BLS vehicle be used at the ALS level, unless it is replacing a vehicle that has been temporarily taken out of service for maintenance. When such a substitution is made, the following information shall be maintained by the provider and shall be accessible to the department:

(a) Identification of permitted vehicle taken out of service.

(b) Identification of substitute vehicle.

(c) The date on which the substitute vehicle was placed into service and the date on which it was removed from service and the date on which the permitted vehicle was returned to service.

(3) All transport vehicles permitted to licensed services must meet the vehicle design specifications, except for color schemes and insignias, as listed in United States General Services Administration (GSA)-KKK-1822, Federal Specifications for Ambulances as mandated by Section 401.35(1)(d), F.S., applicable to the year of the manufacture of the vehicle.

(4) All licensed providers applying for an initial air ambulance aircraft permit after January 1, 2005, shall submit to the department a valid airworthiness certificate (unrestricted), issued by the Federal Aviation Administration, for each permitted aircraft, prior to issuance of the initial permit. Aircraft replacements are subject to the initial application process.

(5) For purposes of Section 401.26(1):

(a) Water vehicles with a total capacity of two persons or less are neither transport vehicles nor advanced life support transport vehicles.
(b) Water vehicles with a total capacity of three or more persons are neither transport vehicles nor advanced life support transport vehicles, if:

1. Staffed and equipped per the Licensee Medical Director’s protocols consistent with the certification requirements of Chapter 401, F.S.; and

2. Reported to the department with sufficient information to identify the water vehicle and to document compliance with subparagraph 1., above. Such report shall be updated with each license renewal.

(c) A transport vehicle or advanced life support transport vehicle that has explicit staffing, equipment and permitting requirements under Chapter 401, F.S., and other rules of the department cannot fall under paragraph (a) or (b), above.


B. General Standards
1. Vehicle permits
   Each vehicle of a licensee shall be issued a permit in one of the classifications set forth below.

C. Specific Standards
1. Paramedic
   a. Vehicle specifications
   Each licensee shall ensure that each vehicle to be registered meets the following vehicle and on-board medical equipment specifications as follows:
   Minimum dimensions for patient compartment
   a). Height - 54"
   b). Length - 116"

2. Intermediate
   a. Vehicle specifications
   Each licensee shall ensure that each vehicle to be registered meets the following vehicle and on-board medical equipment specifications as follows:
   Minimum dimensions for patient compartment
   a). Height - 54"
   b). Length - 116"

3. Class I-A
a. Vehicle specifications
Each licensee shall ensure that each vehicle to be registered meets the following vehicle and on-board medical equipment specifications as follows:

Minimum dimensions for patient compartment
a). Height - 54"
b). Length - 116"

4. Class I-B
a. Minimum dimensions for patient compartment
1). Height - 50"
2). Length - 110"

Puerto Rico—Unable to locate specific information

Virgin Islands—Website is blank.

State of Alabama:

420-2-1-.09 Ground Provider Services, Equipment, Fluids and Medications.

(1) Ground Providers Services are subject to all rules in this chapter except Rule 420-2-1-.08.

(2) No unlicensed emergency medical provider service or personnel shall transport a patient from one point within Alabama to another point within Alabama.

(3) All permitted vehicles listed on an emergency medical provider service’s application shall meet the Minimum Equipment Standards and Supplies for Licensed EMS Provider Services that pertain to their type of provider service and vehicles. The Minimum Equipment Standards and Supplies for Licensed EMS Provider Services will be maintained by the OEMS&T for each type of vehicle and will be available upon request or can be found posted at http://www.adph.org/ems.

(4) Permitted ambulances may utilize locking wheelchair devices for restricted patients and the device shall be secured appropriately and permanently in accordance with the manufacturer’s instructions. Safety harnesses and belts for the patient shall comply
with all provisions contained in the Federal Motor Vehicle Safety Standards (FMVSS) at 49 CFR Part 571.

(5) Seat belts and shoulder harnesses shall not be used in lieu of a device which secures the wheelchair or mobility aid itself.

(6) All ambulances shall meet or exceed the federal trade industry specifications or standards for ambulance vehicles.

(7) Ambulances shall not have exterior wording which may mislead the public as to the type of service that the emergency medical provider service is licensed to provide.

(8) All ambulances shall have the same color schemes and the schemes shall be approved by the OEMS&T prior to being placed in service.

(9) All provider service names as designated on the license issued by the OEMS&T shall be displayed prominently on each side of the ambulance as outlined in the current OEMS&T approved specifications. All permitted ambulances shall have exterior lettering a minimum of four inches in height and shall be placed above the parallel stripe on each side of the ambulance.

(10) All permitted vehicles are subject to inspection by the OEMS&T.

(11) All provider service ground ambulances shall have two forms of communication capabilities that provide vehicle-to-hospital communications and for entry of patients into ATCC. Additionally, all ground ambulances shall have radio communication capabilities with the following Very High Frequencies (VHF) to be used for mutual aid and disaster responses. Additionally, all vehicles shall have radio communication capabilities with the following Very High Frequencies (VHF) to be used for mutual aid and disaster responses.

(a) 155.175       EMS-TAC 1

(b) 155.205       EMS-TAC 2

(c) 155.235       EMS-TAC 3
All channels shall be functional by January 1, 2013, except (e) which is currently required.

(12) Medications and fluids shall be approved by the Board and listed on the Formulary for EMS. These medications and fluids shall be properly stored and inventoried in a fluid and/or medication container. Medication containers shall be kept properly secured and accessible only by authorized EMSP.

(13) All fluids and/or medications shall be stored in a locked (keyed or combination) compartment when not in use by appropriately licensed EMSP.

(14) The individual ALS EMSP is responsible for ensuring that all fluids and medications are present and have not expired.

(15) The Board approved Formulary for EMS medications will be available upon request or can be found posted at http://www.adph.org/ems.

(16) All pre-hospital medical personnel shall provide ALS medical treatments and interventions as described in the Alabama OEMS&T Patient Care Protocols as applicable to their level of licensure.

AUTHOR: Dennis Blair
EFFECTIVE DATE: May 25, 2011
Subchapter 5 Vehicle Standards

Rule 1.5.1 Standards for the design, construction and equipment of ambulance vehicles.

Rule 1.5.2 All new ambulance vehicles, before being issued an original ambulance permit as authorized by Mississippi Code 41-59-23, shall conform to current Federal Specification 'Star-of-Life Ambulance' as published by the General Services Administration, Specification Section. Ambulances that were constructed prior to the implementation of the current Federal Specifications shall conform to the applicable Federal Specifications that were in effect at the time of original construction. The following are exceptions and additions:

1. Height: Overall height of the ambulance at curb weight shall not exceed 110 inches, excluding roof-mounted light bars and communications accessories.

2. Color Paint and Finish: The exterior color of the ambulance shall be basically white in combination with a solid uninterrupted orange stripe and blue lettering and emblems. The band (stripe) of orange not less than 6 inches wide, nor more than 14 inches wide shall encircle the entire ambulance body configuration at the belt line below the lowest edge of cab windows but may exclude the front of the hood panel. (The orange stripe may be edged/pin striped in black or blue.) This solid (single) band, when viewed horizontally, shall appear as a stripe near parallel to the road. When vinyl orange stripes are used rather than paint, it is acceptable to interrupt the strip at the corners of the vehicle to allow the vinyl to mold appropriately.

3. Additional lettering and markings are allowed in, above and below the stripe, however, these markings shall not completely traverse or interrupt the stripe at any point.

4. The name of the ambulance company shall be printed in minimum 4 inch high letters of highly visible contrasting color on each side of the ambulance or on the doors.

7 Effective December 2, 2012
5. Letters, words, phrases, or designs suggesting special services, i.e., advanced life support, etc., shall be allowed provided such specialty services are in fact available in the vehicle at all times when in operation.

6. If the construction and design of an ambulance prohibits the placement of the ambulance (reverse) decal on the front hood, it shall be an acceptable exemption. BEMS shall have the authority to grant exceptions to requirements for color, paint, finish and essential equipment for certain transport capable vehicles that are used exclusively for special situations, i.e. neonatal transport.


Rule 1.5.3 The BEMS shall have the authority to grant exceptions to requirements for color, paint, finish, and essential equipment for certain transport capable vehicles that are used exclusively for special situations, i.e. neonatal transport, etc. If the special needs of the patient-types for these special use vehicles are not met by the standards required in these regulations, the vehicles shall be exempt from said regulations and instead should be equipped with essential equipment needed to manage the individual patient types.

Tennessee

1200-12-01-.02 AMBULANCE SAFETY, DESIGN, AND CONSTRUCTION STANDARDS.

(1) All ambulances operating pursuant to the provisions of Chapter 140 of Title 68, Tennessee Code Annotated, must meet the following standards.
(a) All lights must function properly and in accordance with applicable federal and state motor vehicle laws and regulations pursuant to T.C.A. § 55-9-402.
(b) All emergency lights must function in the way in which they were designed to function.
(c) Emergency audible warning devices must function in the way in which they were designed to function.
(d) Body must be free of dents and rust.
(e) Tires must have at least four thirty-seconds inch (4/32") tread.
(f) Braking system must function properly and safely.
(g) Steering system must function properly.
(h) All safety devices must function properly.
(i) All equipment in the patient compartment must be adequately secured.
(j) Oxygen tanks must bear a current static pressure date.
(k) Exhaust system must function to original standards.
(l) Patient compartment must be free of safety hazards.
(m) All ambulances (and invalid vehicles) shall have an operating odometer.
(n) The owner or operating agent of the ambulance shall subject the vehicle to a periodic mechanical safety inspection which shall be documented for the department.
1. Periodic mechanical safety inspection shall mean an inspection conducted at least annually, or every thirty-thousand (30,000) miles after a vehicle registers two hundred thousand (200,000) miles, whichever first occurs. The inspector must attest that the vehicle is mechanically safe, roadworthy, and maintained to federal and state laws applicable for such vehicles.

GENERAL RULES CHAPTER 1200-12-01
(Rule 1200-12-01-.02, continued)

January, 2013 (Revised) 3

2. Mechanical safety inspections shall be conducted by a mechanic with factory training and certification from the original (motor vehicle) equipment manufacturer or the equivalent certification for Emergency Vehicle Technicians (EVT) or from the Institute for Automotive Service Excellence (ASE) Mechanics
3. Mechanical safety inspections shall be conducted in addition to the vehicle and equipment inspections by EMS Division personnel, following the procedures identified in the form or electronic records format adopted by the board.

4. Records of the periodic mechanical safety inspection shall be submitted upon the initial permit application to the Division of Emergency Medical Services, and shall be maintained for as long as the chassis is actively licensed or permitted. Such records and supporting documents consisting of repair orders and routine maintenance shall be available and submitted for inspection by an authorized representative of the department.

5. Upon observation of possible mechanical safety defects by an authorized representative of the department, or upon citation from a law enforcement agency, a vehicle shall be subject to unscheduled inspection to verify safe operation.

6. Upon failure of an inspection, an ambulance shall be immediately removed from service until such deficiencies are corrected that may in any way impair the safe operation of the ambulance or vehicle.

(2) Design and Construction - Any vehicle permitted pursuant to Chapter 140 of Title 68 shall be maintained according to the standards and specifications that follow: Standards for Emergency Ambulance vehicles.

(3) General Vehicle Requirements.

(a) The ambulance service shall determine the color of the exterior surface of each ambulance; however, the roof of the patient compartment shall be white.

(b) The ambulance service shall ensure that a minimum of one (1) horizontal solid reflective stripe at least six (6) inches in width shall be displayed on the sides and rear, horizontal to the beltline of the ambulance extending below the window line.

(c) The ambulance service may display a chevron striping pattern in the rear of the vehicle, with a pattern of alternating diagonal elements at least six (6) inches in width. Chevron patterns shall comply with the Manual of Uniform Traffic Control Devices.

(d) Emblems and Markings.

1. The ambulance service shall ensure that the following markings are displayed on each ambulance:

   (i) The service name on each side of the ambulance with a minimum of four (4) inch contrasting reflective letters;

   (ii) The word “ambulance” displayed in contrasting reflective block letters not less than six (6) inches in height placed on each side of vehicle;

   (iii) The word “ambulance” on the rear of each vehicle in contrasting reflective block letters not less than four (4) inches in height;

   (iv) A reflective “Star of Life” of not less than sixteen (16) inches in height on each side of the vehicle;

   (v) A reflective “Star of Life” of not less than four (4) inches in height on each rear door (if single rear door or sliding door, one on either side or alongside of the word Ambulance);

   (vi) A “Star of Life” on the vehicle roof of not less than thirty-two (32) inches in height;

   (vii) Numerals and letters used as vehicle call numbers, fleet numbers or chassis numbers placed on the sides and rear of each vehicle between four (4) and fourteen (14) inches in height and in reflective letters contrasting with the vehicle background. Numerals displayed on the vehicle rooftop shall be at least ten (10) inches in height, reflective and contrasting with the vehicle background.

2. An ambulance service shall identify its ambulances with lettering or a service
trademark or emblem identifying the service. The service emblem or lettering shall be prominently displayed and shall not be printed over or superimposed over the “Ambulance” lettering or “Star of Life” emblems otherwise required by these rules.

3. An ambulance service shall not display any lettering, decals, or emblem which state(s) or suggest(s) that the ambulance service is affiliated with a business, entity, or government if there is no such affiliation.

4. An ambulance service shall not state or suggest that it has an accreditation that the service has not attained or maintained.

5. An ambulance service shall not have any markings that are commercial endorsements or advertisements for products or services other than ambulance services or services provided by the ambulance service owner.

6. An ambulance service shall not have any markings on vehicles that indicate any contractual arrangements with other businesses, entities, or individuals.

7. An ambulance service may display decals or placards on vehicles for recognized public safety programs as approved by the Division.

8. An ambulance service may display lettering or decals which serve a functional and useful purpose, such as identifying specialty care capability or special community programs as approved by the Division.

9. Within six (6) months of the effective date of this rule, each licensed service shall file a written description of its ambulance color and marking scheme with the Division of Emergency Medical Services. This description shall include a photograph or commercial drawing of the front, side, and rear of a modified vehicle.

(i) All ambulances within the service upon the effective date of this rule shall be modified in accordance with the plan submitted within one (1) year of the adoption of such color and markings plan;

(ii) Ambulances placed into permitted service after the effective date of this rule and after a design plan is filed with the Division office, shall conform to the service’s adopted color and markings plan;

(iii) If the color and/or marking scheme is subsequently modified, a revised description and photographs shall be filed by the ambulance service with the Division office, and all ambulances within the service shall be modified within one (1) year after adoption of the revised color and markings scheme.

(iv) Upon the effective date of this rule, ambulance services shall ensure that white vehicles with an orange stripe may continue in service until replaced or withdrawn from service.

(e) An ambulance service shall ensure that each ambulance shall be equipped with flashing or oscillating warning lights on the front, sides, and rear of the vehicle, red in color, with a center-mounted white (clear) flashing light visible to the front. One or more amber flashing lights may be visible to the rear. Switching arrangements may provide either synchronized or alternating red warning lights on the front, sides, and rear of the vehicle. Warning lights shall meet minimum photometric standards as described in the Federal Star of Life Ambulance Specifications in effect at the time of end stage manufacture.

(f) Each ambulance service shall ensure that each ambulance has communications and warning devices that shall include but not be limited to a two-way radio with State designated emergency medical telecommunications frequencies and an audible warning and public address system, as follows:

1. Two-way Radio (Mobile).

Mobile radio equipment shall include VHF capabilities at a minimum, as established in Rule 1200-12-01.08 (EMS Telecommunications), or means of
alternative compliance as established in Rule 1200-12-01-.08. Radio control functions for the VHF and dispatch radio shall be accessible to the vehicle operator. The medical communication radio (or radio controls) shall be available in the patient compartment and comply with the respective regional frequency use plans and radio standards as published in the State EMS Telecommunications Plan.

A combination electronic siren with integral public address system and radio amplification shall be provided. Control functions shall provide public address, radio, manual, wail and yelp selections with remote siren control from the driver's position.

3. An ambulance service may install a mechanical siren or air horn in emergency vehicles.

(g) An ambulance service shall ensure that each vehicle’s patient compartment has the following minimum dimensions:
1. Inside height of at least 60 inches, floor to ceiling.
2. Inside length from compartment divider to rear door of at least 116 inches.

(h) Each ambulance service placing ambulances in service or obtaining an initial permit with a service in the State of Tennessee shall ensure ambulances are manufactured according to the Federal "Star of Life" KKK-A-1822 specification applicable on the date of manufacture. All ambulances must be maintained in accordance with the standards specified in effect upon their date of their end stage manufacture. Copies of applicable version.

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Oklahoma

310:641-3-20. New vehicles
(a) A used vehicle which has new ownership, or a new vehicle which is of first registration, either leased, contracted for, or purchased on or after July 18, 1991, shall conform to the General Service Administration (GSA) specifications KKK-A-1822, as amended and as in effect at the time of manufacture. These requirements shall not apply to stretcher aid vans.
(b) Copies of the GSA KKK-A-1822, and their respective dates of effect, may be obtained from the Department. These several specifications are as follows:
(1) KKK-A-1822, effective January 2, 1974;
(2) KKK-A-1822A, effective April 1, 1980;
(3) KKK-A-1822B, effective June 1, 1985;
(4) KKK-A-1822C, effective January 1, 1990;
(5) KKK-A-1822D, effective November 1, 1994;
(6) KKK-A-1822E, effective June 1, 2002;
(7) KKK-A-1822F, effective August 1, 2007; and
(8) any future GSA KKK-A-1822 specification, as may be issued.
(c) The business name, and/or a logo of the licensed ambulance service shall be placed on each side and the rear of the vehicle, and shall be at least three (3") inch high letters.
(d) The phrase "unless otherwise specified" shall mean that only the options printed within the respective KKK-A-1822 document are available for this purpose, specification, substitution, or option.
(e) Ambulance vehicles shall be exempt from the section of the KKK specifications which specifies color, emblems and markings.
(f) Specification KKK-A-1822 1.1.3 which requires the ambulance manufacture, or vendor who sells the vehicle, to furnish to the purchaser(s) a "Star of Life" certificate label, which shall be affixed in the oxygen compartment.

(g) Any vehicle initially placed in service after a purchase, lease, contract and/or remount shall be inspected, and approved and permitted under Section 310:641-3-22(e) of this Chapter, by the Department prior to utilization.

(h) Any part of a ground ambulance vehicle which is remounted by a professional remounting service shall meet the KKK-A-1822 specifications. This includes the proper placement, or replacement, of the "Star of Life" certification label in the oxygen compartment of the finished vehicle, before it can be utilized again as an ambulance in this State.

(i) A copy of the "letter of certification", as described in specification KKK-A-1822 4.3.5, shall be submitted to the Department for each ambulance vehicle make and model proposed for use in Oklahoma. Certification documentation of test verification shall be accepted only if performed by an independent testing facility, qualified to perform such tests. No vehicle shall be approved for use in Oklahoma unless certification documentation has been filed with the Department. A file of all letters of certification received by the Department shall be maintained, and a list of certified vehicles, sorted by manufacturer, shall be forwarded to the Oklahoma Motor Vehicle Commission annually by the Department.

(j) A list of approved manufacturers, salesmen and dealers who meet the provisions of the Oklahoma Motor Vehicle Commission, shall be compiled annually and be made available from the Department upon request to any interested party. The Department shall issue to approved manufacturers, salesmen and dealers a Certificate of Compliance to remain effective until the next revision of the Federal Ambulance Specification KKK-A-1822.

(k) The purchaser of any ambulance vehicle which violates this section shall be responsible for corrective action, if the vehicle is accepted before receipt of the Department approval and permit.

(l) If, while awaiting delivery of a new, remounted, or refurbished ambulance vehicle, a manufacturer or dealer provides a licensed ambulance service with an ambulance vehicle on temporary loan or lease, such temporarily loaned or leased ambulance vehicle shall comply with Federal Ambulance Specification KKK-A-1822 in effect at the time of manufacture, and shall be properly inspected and permitted by the Department prior to utilization as an ambulance in accordance with Section 310:641-3-20(f).