

Kentucky

Section 7. Ground Vehicle Specifications. (1) Vehicles used by ground providers shall:

(a) Have the name of the provider appearing on both sides of the exterior surface of the vehicle subject to the following:

1. The name shall be the incorporated name or the name under which the provider does business and as it appears on the provider's license;
2. The service may request approval from the board to display an abbreviated or shortened version of its name to serve as a unique identifier;
3. This requirement shall not preclude a provider from adding additional names from another entity on the vehicle due to a joint venture, if the name as licensed by the board is the larger, and visible and readable by the public; and
4. A vehicle operated by a provider shall not be marked with the words "advanced life support", "paramedic", or similar words which convey essentially the same meaning on its exterior surface visible to the public unless the provider is licensed to provide ALS services;

(b) Be maintained in good operating condition and in full repair without obvious apparent problems relating to tires, exhaust, body integrity, warning devices, or mechanical reliability, which would be recognized by the average lay person who is not an automotive mechanic;

(c) Be designed to provide for the medical care or transportation of patients; and

(d) Have tires that meet the manufacturer's standards for the gross vehicle weight of the vehicle. A tire shall not display exposed tire cord or have tread depth less than 2/32 on back tires and 4/32 on front tires if measured in any two (2) adjacent grooves at three (3) locations spaced equally around the tire. Retread tires shall not be used on ground vehicles.

(2) All ground ambulances shall meet or exceed the following minimum physical characteristics:

(a) A ground ambulance shall comply fully with the ambulance design criteria contained in "Federal Specifications for Ambulances", KKK-1822, in effect when the ambulance is manufactured, except for color and provider identification;

(b) The ambulance provider shall require that a certification decal or sticker be supplied by the manufacturer of newly-purchased ambulances, indicating that the ambulance met KKK-1822 specifications on the date it was manufactured. The certification decal shall be located on a permanent surface, such as in the ambulance oxygen tank compartment; and

(c) The ambulance provider shall require, for units that are later modified, the conversion company to supply a letter to verify the modification meets or exceeds the KKK-1822 specification requirements, except for color or provider identification, as incorporated in the KKK-1822 specifications on the ambulance's original date of manufacture.

(3) In addition to the KKK-1822 specifications, the following state licensing requirements shall be maintained:

(a) The heating system shall maintain a temperature of not less than sixty-five (65) degrees Fahrenheit in the driver and patient compartments in winter weather conditions as determined by a standard automotive testing thermometer;

(b) The air-conditioning system shall maintain a temperature of not more than eighty-five (85) degrees Fahrenheit in the driver and patient compartments in summer weather conditions as determined by a standard automotive testing thermometer; and

(c) There shall be no more patients, personnel, and other persons than can be safely secured by means of seat safety belts or similar devices in the vehicle while the vehicle is in motion.

Missouri

- (2) Each vehicle operated as an ambulance shall meet the following vehicle design, specification, operation and maintenance standards:
- (A) Vehicle Design and Specification Standards. In providing the transportation of patients, ambulance services shall utilize only vehicles specifically designed, manufactured and equipped for use as an ambulance and which meet current (at date of vehicle manufacture) U.S. Department of Transportation KKK-A-1822 specifications with exceptions of the following:
 - 1. Image elements (such as paint) may be altered to the agency's preference;
 - 2. Variation of warning lights is allowed for: type and color of lens, strobe lights in lieu of halogen lights, additional warning lights beyond the U.S. Department of Transportation KKK-A-1822 specifications;
 - 3. Power supply and equipment in the patient compartment may be altered to the agency's preference; and
 - 4. Other variations may be allowed by the Bureau of EMS;

Nebraska

12-004.01 Ambulance Standards

12-004.01A After March 7, 1999 motor vehicles purchased for the transportation of patients must comply with the Federal Specifications for Ambulances, KKK-A-1822C, issued by the United States General Services Administration; except Section 3.16.2, COLOR, PAINT, AND FINISH, AND Section 3.16.2.1, COLOR STANDARDS AND TOLERANCES. The entity purchasing the ambulance may establish their own standards for painting and paint schemes.

Specifications may be obtained from: General Services Administration, Federal Supply Service Bureau, Specifications Section, Suite 8100, 470 East L'Enfant Plaza, SW, Washington, DC 20407;

12-004.01B Aircraft used for the transportation of patients must comply with Federal Aviation Administration Regulations 14 CFR 135 that is current on the effective date of these regulations and related Bulletins and Supplements. These documents may be obtained from: United States Department of Transportation, Subsequent Distribution Office, Ardmore East Business Center, 3341 Q 75th Avenue, Landover, Maryland 20785; and

12-004.01C Ambulances used for the transportation of patients that are owned by licensed emergency medical services on March 7, 1999 may continue to be used as ambulances.

North Dakota

- **33-11-01.2-13. Ground ambulance service vehicle requirements.**
 1. All ground ambulances must have a vehicle manufactured to be an ambulance.
 2. All ground ambulance service vehicles must be equipped with a siren and flashing lights as described for class A emergency vehicles in subsection 2 of section 39-10-03 of the North Dakota Century Code.

South Dakota

- **44:05:04:01. Types of permitted vehicles.** Any vehicle that meets federal KKK specifications when manufactured may be used as a ground ambulance if the vehicle is equipped according to SDCL [32-31-4](#):

Source: 2 SDR 26, effective October 9, 1975; 6 SDR 93, effective July 1, 1980; 20 SDR 204, effective June 9, 1994; 34 SDR 201, effective January 31, 2008.

General Authority: SDCL [34-11-5](#).

Law Implemented: SDCL [34-11-5](#).

32-31-4. Speed limits inapplicable under specified conditions. The speed limit set out in §§ 32-25-1.1 to 32-25-17, inclusive, does not apply to any authorized emergency vehicle responding to an emergency call if the driver sounds an audible siren or air horn or both or displays flashing, oscillating, or rotating beams of red light or combinations of red, blue, or white light visible one hundred eighty degrees to the front of the vehicle. The lights shall be capable of warning the public of the presence of an emergency vehicle under normal atmospheric conditions. The speed limit set out in §§ 32-25-1.1 to 32-25-17, inclusive, does not apply to authorized emergency vehicles operated by law enforcement officers who are measuring the speed of other vehicles by use of the emergency vehicle speedometer. Moreover, the driver of an ambulance who has been certified pursuant to § 34-11-6 may operate the emergency vehicle in excess of the speed limit without audible signals while operating outside the city limits of a municipality.

34-11-5. Rules relating to operation of ambulance services--Hardship exemptions. The Department of Public Safety may adopt rules pursuant to chapter 1-26 relating to the operation of ambulance services including patient care, personnel, medical and maintenance equipment, sanitary conditions, and necessary supplies. Each operator shall comply with all rules established pursuant to this section by the licensing agency unless exempted due to extreme hardship as determined by departmental rule.

Minnesota

Subp. 2. Compliance with General Services Administration standards.

Land ambulances that comply with the standards issued by the General Services Administration in Federal Specification KKK-A-1822 A for Emergency Medical Care Surface Vehicle dated April 1, 1980, with the exception of sections 3.14, 3.15, and 3.16, are deemed to comply with the standards contained in subparts 1, 3, and 4.

Iowa

“Ambulance” means any privately or publicly owned ground vehicle specifically designed, modified, constructed, equipped, staffed and used regularly to transport the sick, injured or otherwise incapacitated.

Iowa

132.8(4) Equipment and vehicle standards. The following standards shall apply:

a. Ambulances placed into service after July 1, 2002, shall meet, as a minimum, the National Truck and Equipment Association's Ambulance Manufacture Division (AMD) performance specifications.

b. All EMS service programs shall carry equipment and supplies in quantities as determined by the medical director and appropriate to the service program's level of care and available certified EMS personnel and as established in the service program's approved protocols.

c. Pharmaceutical drugs and over-the-counter drugs may be carried and administered upon completion of training and pursuant to the service program's established protocols approved by the medical director.

d. All drugs shall be maintained in accordance with the rules of the state board of pharmacy examiners.

e. Accountability for drug exchange, distribution, storage, ownership, and security shall be subject to applicable state and federal requirements. The method of accountability shall be described in the written pharmacy agreement. A copy of the written pharmacy agreement shall be submitted to the department.

Illinois

Section 515.830 Ambulance Licensing Requirements

a) Vehicle Design

1) Each new vehicle used as an ambulance shall comply with the criteria established by the U.S. General Services Administration's Specification for Ambulance (KKK-A-1822F), with the exception of Section 3.16.2, Color, Paint and Finish.

2) *A licensed vehicle shall be exempt from subsequent vehicle design standards or specifications required by the Department in this Part, as long as said vehicle is continuously in compliance with the vehicle design standards and specifications originally applicable to that vehicle, or until said vehicle's title of ownership is transferred.* (Section 3.85(b)(8) of the Act)

3) The following requirements listed in Specification KKK-A-1822F shall be considered mandatory in Illinois even though they are listed as optional in that publication:

A) 3.7.7.1 Each vehicle will be equipped with either a battery charger or battery conditioner (see 3.15.3 item 7).

B) 3.8.5.2 Patient compartment checkout lights will be provided (see 3.15.3 item 9).

C) 3.12.1 An oxygen outlet will be provided above the secondary patient (see 3.15.4 M9).

D) 3.15.4M3 Electric clock with sweep second hand will be provided.

Michigan

(d) “Ground ambulance” means a vehicle that complies with design and structural specifications, as defined in these rules, and is licensed as an ambulance to provide transportation and basic life support, limited advanced life support, or advanced life support.

Michigan

R 325.22181 Ground ambulance; requirements.

Rule 181. (1) An ambulance operation shall maintain the manufacturer's certificate of compliance on file at the time of application to the department for licensure of each ground ambulance. The certificate of compliance shall be executed by the final manufacturer of each ground ambulance and be on a form prescribed by the department.

(2) The manufacturer of a ground ambulance executing a certificate of compliance shall comply with the ambulance structural and mechanical specifications in compliance with federal (KKK) standards, excluding the paint scheme, that were in effect at the time of manufacture and shall maintain test data demonstrating compliance. Once licensed for service, an ambulance shall not be required to meet later modified state vehicle standards during its use by the ambulance operation that obtained the license.

(3) A ground ambulance referred to in subrule (2) of this rule shall not be modified to alter its original design upon which the certificate of compliance was based, unless a new certificate is issued verifying that the modifications have not altered the integrity of the vehicle.

(4) The patient compartment of a ground ambulance that has met applicable federal standards at the time of manufacture may be remounted on to a different chassis by a qualified vehicle modifier as designated by the chassis manufacturer. A new manufacturer's certificate of compliance shall be issued that identifies the new vehicle identification number and demonstrates compliance with KKK standards in accordance with subrule (2) of this rule.

Indiana

Sec. 3. (a) All land ambulances shall meet or exceed the following minimum performance characteristics:

- (1) Vehicle brakes shall be of the heavy-duty power assist type.
- (2) Parking brake shall hold vehicle when engaged.
- (3) The vehicle engine shall be a six (6) or eight (8) cylinder internal combustion, liquid cooled engine that meets ambulance chassis manufacturer's standard horsepower/displacement requirements.
- (4) The fully loaded vehicle shall be capable of a sustained speed of at least sixty-five (65) miles per hour over dry, level, or hard-surfaced roads.
- (5) The vehicle transmission shall have a minimum of three (3) forward gears and one (1) reverse gear. Automatic transmission is required.
- (6) The steering system shall be:
 - (A) the manufacturer's recommended design; and be *[sic]*
 - (B) power assisted.
- (7) Shock absorbers shall be of the heavy-duty, double action type.
- (8) Tires shall meet the manufacturer's standards for the gross vehicle weight of the vehicle. Retread tires shall not be used on ambulances. No tire shall:
 - (A) display exposed tire cord; or
 - (B) have tread depth less than two thirty-seconds (2/32) on back tires and four thirty-seconds (4/32) on front tires spaced equally around the tire, with no visible defects.

(b) All land ambulances shall meet or exceed the following minimum physical characteristics:

- (1) The overall width of the vehicle shall be a minimum of seventy-five (75) inches and shall...

Kansas

109-2-8 Standards for type I, type II, type IIA, and type V ground ambulances and equipment.

- (a) Each ambulance shall meet the vehicle and equipment standards that are applicable to that class of ambulance.
- (b) Each ambulance shall have the ambulance license prominently displayed in the patient compartment.
- (c) The patient compartment size shall meet or exceed the following specifications:
 - (1) Headroom: 60 inches; and
 - (2) length: 116 inches.
- (d) Each ambulance shall have a heating and cooling system that is controlled separately for the patient and the driver compartments. The air conditioners for each compartment shall have separate evaporators.

Wisconsin

Subchapter II—Vehicle Standards

- Trans 309.09 Patient compartment interior dimensions.
- Trans 309.10 Doors.
- Trans 309.11 Bumpers, steps and stepwells.
- Trans 309.12 Tires and wheels.
- Trans 309.13 Batteries.
- Trans 309.14 Environmental climatic equipment.
- Trans 309.15 Exterior ambulance lighting.
- Trans 309.16 Interior ambulance lighting.
- Trans 309.17 Siren and public address system.
- Trans 309.18 Communications.
- Trans 309.19 Lettering and markings on ambulances.
- Trans 309.20 Smoking in ambulances.

Subchapter III—Equipment Standards

- Trans 309.21 Stretchers, cots and restraints.
- Trans 309.22 Suction aspirator system.
- Trans 309.23 Oxygen equipment.
- Trans 309.24 Medical and surgical equipment.
- Trans 309.25 Standard mandatory miscellaneous equipment.

Wisconsin

(3) (a) This chapter shall be construed by the department to reasonably effectuate the legislative purpose of promoting safe, efficient emergency transportation for the sick, injured and disabled.

(b) Vehicles subject to the standards and specifications prescribed in the chapter are also subject to any other administrative rule or statute governing motor vehicle design, construction or equipment. Unless the express terms or context requires otherwise, this chapter shall be construed as supplementing rather than conflicting with other such statutes or administrative rules.

(c) This chapter prescribes minimum standards applicable to all ambulances subject to inspection under s. 341.085, Stats. Ambulance service providers may exceed these minimum standards. Also, some ambulances may be subject to higher or more restrictive standards imposed as conditions for receiving federal assistance in connection with the acquisition of ambulance vehicles and equipment. Ambulance service providers are responsible for complying with all conditions and requirements, including those related to color and marking, contained in federal assistance grants or agreements.

Wisconsin

(5) A vehicle being used as an ambulance shall immediately be rendered out of service and the service provider may be assessed a monetary penalty if, upon inspection, the ambulance is found to have any of the following, and sub. (4) does not apply:

(a) A malfunctioning brake system.

(b) A faulty exhaust system.

(c) A faulty battery system.

(d) A malfunctioning fuel system.

(e) An inadequate on-board oxygen system.

(f) An unsafe structure.

(g) Unsafe tires.

(h) Ten or more minor violations which, in the opinion of the inspector, shows a lack of effort on the part of the service provider to stay in compliance with this chapter.