**Section 435.APPENDIX G Pedals through Seat, Driver's**

a) PEDALS (ACCELERATOR, SERVICE BRAKE, CLUTCH, EMERGENCY/PARKING BRAKE)

Minimum 1½ inches (3.81 cm) clearance with pedal fully depressed. All pedals must be covered with rigid nonslip material.

Manufactured pedal extensions are allowed. They must be securely attached and covered with rigid nonslip material. Homemade pedal extensions are prohibited.

b) PROJECTIONS

1) Exterior

Entire rear and bumper area of MFSAB must be nonhitchable.

AGENCY NOTE: "Nonhitchable" is defined as the rear of the MFSAB being designed and maintained to prevent or discourage riding or grasping rear of MFSAB so as to "hitch" rides.

2) Interior

Interior shall be free of all dangerous projections.

Optional equipment (e.g., video camera) that is located in the bulkhead area of the MFSAB and not flush with the interior walls must meet the following requirements:

A) Must not interfere with occupants entering or exiting the MFSAB.

B) Must not be located in driver's head impact zone.

C) Must not obstruct required lettering.

Additional projections (e.g., external speakers, air conditioners, overhead storage racks) located within 59 inches (149.86 cm) from the floor shall be padded to prevent injury. This includes inner lining of ceiling and walls.

Flush mounted speakers are exempt from padding requirements.

c) RADIO SPEAKERS

Radio/stereo speakers cannot be located within four feet of the rearmost position of the driver's seat.

Exception: Two way radio speakers are exempt.

d) REFLECTORS

Two or more lamps or reflectors may be combined if the requirements for each lamp or reflector are met. (See 49 CFR 571.108-S6.3.)

1) Front

Two yellow or amber rigid or sheet type (tape) reflex reflectors shall be securely attached on the front of the body near the lower left and right hand corners. (See Section 12-202 of the Illinois Vehicle Equipment Law.)

These front reflectors shall be located between 15 and 60 inches (38.1 and 152.4 cm) above the roadway at either fender, cowl, or body and installed so as to mark the outer edge of the maximum width of the MFSAB. No part of the required reflecting material may be obscured by a lamp, mirror, bracket or any other portion of the MFSAB.

No part of the required reflecting material may be more than 11.8 inches (29.97 cm)( inboard of the outer edge of the nearest rub rail.

The reflector may be any shape (e.g., square, rectangle, circle, oval, etc.). A rigid type reflex reflector may be any size if permanently marked either DOT, SAE A, or SAE J 594; otherwise, it shall display at least seven square inches of reflecting material (about 3 inch diameter (7.62 cm) if a solid circle).

A sheet type (tape) reflex reflector may conform to the surface on which it is installed but its forward projected reflecting area shall be at least eight square inches.

Exception: MFSAB that measure less than 80 inches (203.2 cm) wide are exempt. (See 49 CFR 571.108.)

2) Left Side

One amber no more than 12 inches (30.48 cm) from the front and one red no more than 12 inches (30.48 cm) from the rear. Mounted at a height not less than 15 inches (38.1 cm) and not more than 60 inches (152.4 cm) above the surface of the road.(See Section 12-202 of the Illinois Vehicle Equipment Law.)

On MFSAB more than 30 feet long (914.4 cm), one amber reflector must also be provided at or near midpoint between front and rear side reflector. (See 49 CFR 571.108.)

All reflectors must measure at least three inches (7.62 cm) in diameter.

3) Right Side

One amber no more than 12 inches (30.48 cm) from the front and one red no more than 12 inches (30.48 cm) from the rear. Mounted at a height not less than 15 inches (38.1 cm) and not more than 60 inches (152.4 cm) above the surface of the road.(See Section 12-202 of the Illinois Vehicle Equipment Law.)

On MFSAB more than 30 feet long (914.4 cm), one amber reflector must also be provided at or near midpoint between front and rear side reflector. (See 49 CFR 571.108.)

All reflectors must measure at least three inches (7.62 cm) in diameter.

4) Rear

Two red reflectors on rear body within 12 inches (30.48 cm) of lower right and lower left corners. (See Section 12-202 of the Illinois Vehicle Equipment Law.) Minimum three inches (7.62 cm) in diameter.

Exception: MFSAB that measure less than 80 inches (203.2 cm) wide are exempt. (See 49 CFR 571.108.)

e) RUB RAILS

There shall be one rub rail, located approximately at seat level, that shall extend from the rear of the service entrance completely around the MFSAB body without interruption, except at functioning doors or a rear engine compartment, to a point of curvature near the front of the body on the left side.

There shall be one rub rail on each side, located approximately at the floor line, that shall extend over the same longitudinal distance as the rub rail located at the seat level.

More than two rub rails may be installed on sides and rear of the MFSAB.

Rub rails of longitudinally corrugated or ribbed steel at least 3.9 inches (9.91 cm) wide shall be fixed on the outside of the MFSAB.

Exceptions:

1) Rub rail need not extend across wheel housing.

2) Rub rail may terminate at the point of curvature at the right and left rear corners of the body.

f) SEAT BELTS

Each MFSAB shall be equipped with a retractable lap belt assembly for the driver's seat. (See Section 12-807 of the Illinois Vehicle Equipment Law.) A shoulder harness is optional. Belt material, buckle, tongue, etc., of each driver's belt shall remain above floor when not in use.

Passenger safety belts that meet 49 CFR 571.222 are required on any MFSAB that has a GVWR of 10,000 pounds or less. Passenger safety belts are optional on any MFSAB that has a GVWR of more than 10,000 pounds. However, optional safety belts installed on any MFSAB are required to meet 49 CFR 571.222. At all times, each seat belt shall be readily available for quick and easy use. Retractors must be the emergency locking type. Each belt assembly shall be clean.

g) SEAT, DRIVER'S

The driver's seat shall be rigidly positioned and have a forward and backward adjustment without the use of tools or other nonattached devices. Seat cushions shall be securely fastened to the seat frame.

Optional: MFSAB may be equipped with a durable safety belt webbing cutter with a full-width handgrip and a protected, replaceable, or non-corrodible blade. The webbing cutter must not be mounted on the dash but must be mounted in a location accessible to the seated driver in an easily detachable manner.

(Source: Amended at 37 Ill. Reg. 6791, effective May 3, 2013)