

Page #	Changes	Justification or Reason
Page 1	Added Stephen Pruitt	New Commissioner
Page 15	Updated the year and the name of the Unit. Also updated committee members.	Should be Pupil Transportation Unit. Updated to 2017 and removed retired committee members and added new committee members.
Page 22 and 28 Cummins ISL engine	Removed International Maxforce DT466 engine and added Cummins ISL engine information. Removed language regarding viscous fan. Added oil pressure de-rate information.	The Maxforce DT466 is no longer offered. The Cummins ISL is an equivalent engine for the application. Language regarding viscous fan is no longer needed. Addition of an oil pressure de-rate gives the driver one additional warning of engine failure.
Page 34 Joint strength	Clarifies the requirement for 60 percent joint strength with fasteners only. Manufacturers may utilize structural adhesives along with mechanical fasteners (hybrid joints) to achieve compliance with FMVSS 221. Manufacturers using adhesive for joint strength will be allowed to demonstrate to the Kentucky Department of Education that the design of the hybrid joint in conjunction with the adhesive and mechanical fasteners used is capable of 150% of FMVSS 221 strength test.	Clarifies joint strength requirements for the two different types of joints that are available.
Page 46 Coating of scuff-prone areas	Added closeout panels and associated trim.	Allows body companies to use Elastomer coatings on scuff prone areas.
Page 47 Heat Distribution	Added Type D buses shall have a 12,000BTU floor mounted heater in the driver's area and controlled by a separate switch. Alternately, a means to direct heat to the driver's feet shall be provided.	Requires heat distribution on type D buses to be similar to the heat distribution on type C buses.
Page 53 Crossing gates	Added all air brake equipped chassis shall be equipped with air operated <u>bladder controlled</u> crossing arms.	Requires all buses to use a similar system of deployment for crossing gates.
Page 60 Buffer zone	The left side rear seat must maintain a buffer of twelve (12) inches measured at the rear most portion of the seat bottom frame.	Clarifies the measuring point for the buffer zone.
Page 64 Dual sun visor	An adjustable sunshield of tinted transparent plastic, approximately six (6) by thirty (30) inches, shall be provided in the driver view area. An	Eliminates current sun visor due to poor maintenance performance. Adds dual sun visor for the driver's front and left side window.

	additional adjustable sunshield of tinted transparent plastic shall be provided to the left of the driver's seated position. This sunshield shall be a minimum of six (6) by eighteen (18) inches.	
Page 75 Hand rails	All special needs buses shall be equipped with two (2) service door handrails (one on the left and one on the right).	Some special needs students need a hand rail on either side of the service door to assist them while using the steps.
Page 82 Air disk brakes	Air disk brakes may be installed as a local district purchase option provided they are in full compliance with all applicable FMVSS standards and certified by the original equipment manufacturer at the time of the bus's construction.	Allows local districts to purchase air disk brakes for evaluation purposes.
Page 92 Side glass tinting	Regular education school buses may be equipped with tinted side windows of approximately 28% light transmittance. The driver's window, entrance door glass and rear glass shall be clear glass.	Local districts have requested the option of tinting the side windows on regular education buses.
Page 97 Tablet Devices	Tablet devices may be installed on Kentucky school buses as a part of routing, GPS and pre-trip systems. These systems shall have the ability to go dark and silent when the vehicle is in motion. The tablet shall be removable and be firmly secured in place when in its mount. The tablet shall be mounted in a safe location that does not block driver's view of the roadway, mirrors or component controls.	Allows the use of Android type tablets to assist in route identification, GPS, driver's pre-trip inspections, passenger lists, and addresses.
page 97 Wi-Fi Hotspot	Local districts may install Wi-Fi equipment on bus at their discretion provided the equipment is separately fused and secured. Equipment should be powered from the auxiliary side of the electrical panel.	Allows local districts to add WIFI to buses for students use.