

St. Mary's County Non- Public School Bus Specifications

(updated April 2008)

Buses must meet all applicable federal standards and the Code of Maryland Regulations COMAR 11.19.02 to 11.19.02.37, Type I School Vehicles Construction Standards.

The following pertains to a 66 passenger rated conventional bus, requests for 72 passenger capacity buses, integrated and/or transit style buses will be reviewed on a case by case basis.

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- **Brakes:** Antilock Brakes- Hydraulic/vacuum assist or optional air brakes with parking brake.
- **Cooling system:** As specified by engine manufacturer.
- **Drive Train:** Engine 210 HP diesel
- **Exhaust system:** The exhaust system shall include exhaust manifold and gaskets, piping to muffler or tailpipe. The exhaust tailpipe is to be deflected slightly downward and to street side of emergency door.
- **Transmission:** Automatic
- **Tires:** 11R 22.5 Radial
- **Fuel Tank:** Minimum 65 Gallon
- **Identification:** Side signal "STOP" 4" to 6" below driver window. Bus numbers-right and left sides, below first rear window-above rear bumper/below window line. Front-yellow number on right front bumper. ST. MARY'S COUNTY SCHOOLS- both sides @ beltline centered 10'x 6". The words "SCHOOL BUS", front and back of bus to be of reflective tape.
- **Roof Vent / Emergency Exit Safety Vents:** Two (2) one located toward the front of the vehicle at approximately the 3rd seat row and the other toward the rear at approximately the 8th seat row. Inside and outside handle openings. Emergency side exit Service door, window and exits. Marked - "EMERGENCY EXIT" or "EMERGENCY DOOR" as per COMAR regulations.
- **Seats:** 3-3 Front passenger side seat to be a two (2) passenger seat (on Transit Style bus)
- **Shoulder Rail Pad:** Full length of seating area, same material as seats.
- **Strobe:** Roof - Mounted strobe with brush guard
- **Safety Glass:** AS-2 or 3 laminated safety sheet (side windows could be tinted). 28% light transmission where permissible maximum tinting allowed on the windows.
- **Crossing Control Arm:** Shall be activated simultaneously with the stop arm.

Bus Specifications (Cont'd)

- **Backup Lights:** Two back up lights shall be installed and should be not less than a nominal 4 inches in diameter
- **All Exterior Lights (Except Headlights):** LED only.
- **Ceiling:** 78" Full Acoustic
- **Full Undercoating**
- **Emergency Equipment:** Fire Extinguisher.
- **Heaters:** (3) Left Front: Minimum 90,000 BTUs to be located in driver compartment extended to fourth seat. , Right front: Minimum 50,000 BTUs with right side defroster, step well heater, entrance door defroster, rear: Minimum 50,000 BTUs located toward rearmost seat.
- **Heated Mirrors:** Remote controlled.
- **Accessory Power Jack:** 12 volt power point
- **Radio:** AM-FM with PA system
- **Video Recorder System:** Not available at this time.
- **Storage Compartment:** Not required.
- **Noise Reduction Package:** For body of bus on diesel-powered units.
- **Child Reminder System:** MODEL CR2A (switch build into emergency door ONLY), No substitutes. Thomas Part # 5200-4707 – Blue Bird Part# 9024311, Freightliner (TBB5200-4707)
- **Protective Screen:** Over lower glass of emergency door.
- **Defroster Fans: Two (2)**
- **Driver's Dome light:** On separate switch.
- **Interior Lights:** 66/ 72 passenger buses shall have a minimum of 6 per side.
- **Daytime Running Lights:** Required
- **Gauges:** Transmission Temperature, Fuel, Speedometer, Odometer, Oil Pressure, Tachometer, Coolant Temperature, Battery (Air pressure if Air Brakes).
- 1st Barrier behind driver cover with storage pockets.
- **Stop Arm:** Hi-intensity reflectorized LED.
- **Snow Rail:** Full length of body skirt.
- **Intermittent Wipers:** Required